

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114877.D
 Acq On : 6 Jun 2019 22:02
 Operator : HP/JU
 Sample : K3186-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:11:49 PM

Quant Time: Jun 07 03:38:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	571571	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2112860	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	984511	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1685861	20.00	ng	0.00
76) Chrysene-d12	13.80	240	729667	20.00	ng	0.01
87) Perylene-d12	15.18	264	1002922	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4146777	126.77	ng	0.04
7) Phenol-d6	6.33	99	5178249	130.10	ng	0.03
23) Nitrobenzene-d5	7.25	82	3421486	99.69	ng	0.01
42) 2,4,6-Tribromophenol	10.50	330	1286665	121.27	ng	0.02
45) 2-Fluorobiphenyl	9.04	172	4982701	94.81	ng	0.01
79) Terphenyl-d14	12.76	244	4241877	113.06	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	566698	36.286	ng	99
3) Pyridine	3.10	79	1251663	29.162	ng	99
4) n-Nitrosodimethylamine	3.03	42	722955	46.023	ng	95
6) Aniline	6.35	93	882016	15.617	ng	# 72
8) 2-Chlorophenol	6.47	128	1634051	43.236	ng	98
9) Benzaldehyde	6.22	77	574739	20.817	ng	99
10) Phenol	6.35	94	1837879	40.378	ng	84
11) bis(2-Chloroethyl)ether	6.42	93	1572336	44.263	ng	98
12) 1,3-Dichlorobenzene	6.62	146	1806867	41.028	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1794782	40.502	ng	98
14) 1,2-Dichlorobenzene	6.85	146	1581509	39.517	ng	98
15) Benzyl Alcohol	6.83	79	1260763	41.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2175473	42.821	ng	97
17) 2-Methylphenol	6.95	107	1465250	45.356	ng	95
18) Hexachloroethane	7.19	117	686383	41.152	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	1154072	43.802	ng	98
20) 3+4-Methylphenols	7.10	107	1595415	44.775	ng	93
22) Acetophenone	7.09	105	2284424	49.109	ng	95
24) Nitrobenzene	7.26	77	1685354	47.398	ng	97
25) Isophorone	7.50	82	3384589	49.880	ng	100
26) 2-Nitrophenol	7.57	139	1023144	53.127	ng	95
27) 2,4-Dimethylphenol	7.63	122	1579078	53.947	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	2109138	48.626	ng	99
29) 2,4-Dichlorophenol	7.82	162	1488072	48.321	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1634752	46.264	ng	100
31) Naphthalene	7.98	128	4390244	46.154	ng	97
32) Benzoic acid	7.78	122	1074523	50.402	ng	99
33) 4-Chloroaniline	8.02	127	413102	9.103	ng	97
34) Hexachlorobutadiene	8.10	225	886595	44.133	ng	98
35) Caprolactam	8.42	113	418340m	41.585	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1493213	48.728	ng	99
37) 2-Methylnaphthalene	8.67	142	3039255	46.065	ng	98
38) 1-Methylnaphthalene	8.77	142	2902141	46.383	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1293595	45.594	ng	98

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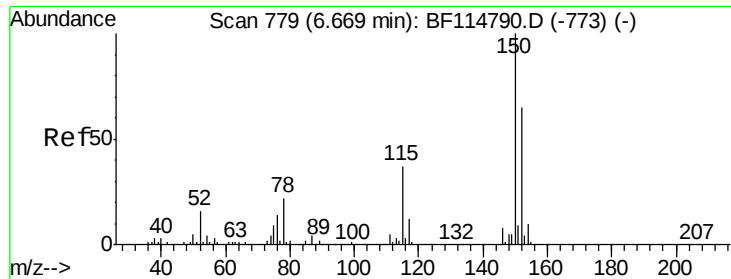
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1173985	68.225	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	1084056	49.137	nq	100
44) 2,4,5-Trichlorophenol	9.00	196	1058834	47.656	nq	97
46) 1,1'-Biphenyl	9.13	154	3397087	46.556	nq	97
47) 2-Chloronaphthalene	9.16	162	2798877	45.142	nq	98
48) 2-Nitroaniline	9.25	65	858946	46.423	nq	100
49) Acenaphthylene	9.57	152	4000712	44.495	nq	98
50) Dimethylphthalate	9.45	163	4248946	59.091	nq	98
51) 2,6-Dinitrotoluene	9.50	165	819717	48.474	nq	94
52) Acenaphthene	9.74	154	2503326	42.502	nq	99
53) 3-Nitroaniline	9.66	138	498322	25.226	nq	93
54) 2,4-Dinitrophenol	9.77	184	657528	85.927	nq	99
55) Dibenzofuran	9.92	168	3451603	42.143	nq	99
56) 4-Nitrophenol	9.84	139	1299841	89.797	nq	96
57) 2,4-Dinitrotoluene	9.90	165	1006070	47.326	nq	# 86
58) Fluorene	10.25	166	2375042	45.309	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	844642	46.401	nq	99
60) Diethylphthalate	10.14	149	3250955	45.056	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	1202967	38.349	nq	98
62) 4-Nitroaniline	10.28	138	793070	41.391	nq	95
63) Azobenzene	10.40	77	2764006	45.003	nq	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	409356	46.745	nq	90
66) n-Nitrosodiphenylamine	10.37	169	2534602	49.720	nq	98
67) 4-Bromophenyl-phenylether	10.73	248	893752	46.678	nq	96
68) Hexachlorobenzene	10.80	284	942124	44.959	nq	94
69) Atrazine	10.90	200	824638	46.513	nq	99
70) Pentachlorophenol	10.99	266	1051334	86.786	nq	99
71) Phenanthrene	11.20	178	3697699	45.945	nq	99
72) Anthracene	11.26	178	3801307	44.881	nq	99
73) Carbazole	11.41	167	3355726	46.217	nq	99
74) Di-n-butylphthalate	11.75	149	4122684	43.170	nq	98
75) Fluoranthene	12.39	202	3566823	42.581	nq	99
77) Benzidine	12.50	184	89362m	2.474	nq	
78) Pyrene	12.61	202	3566571	56.345	nq	99
80) Butylbenzylphthalate	13.23	149	1796534	56.204	nq	99
81) Benzo(a)anthracene	13.79	228	2719538	48.366	nq	99
82) 3,3'-Dichlorobenzidine	13.76	252	648985	28.464	nq	# 98
83) Chrysene	13.83	228	2774959	50.732	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2105739	52.097	nq	# 99
85) Di-n-octyl phthalate	14.41	149	3573306	52.029	nq	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2873796	46.046	nq	99
88) Benzo(b)fluoranthene	14.80	252	3228858	50.571	nq	99
89) Benzo(k)fluoranthene	14.83	252	2362350	43.569	nq	100
90) Benzo(a)pyrene	15.13	252	2784003	50.378	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	2350374	44.911	nq	98
92) Benzo(g,h,i)perylene	16.90	276	2309432	43.882	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

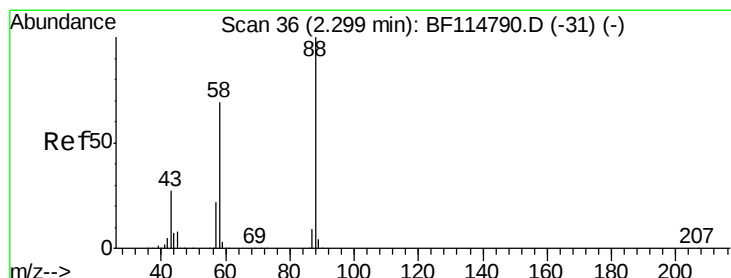
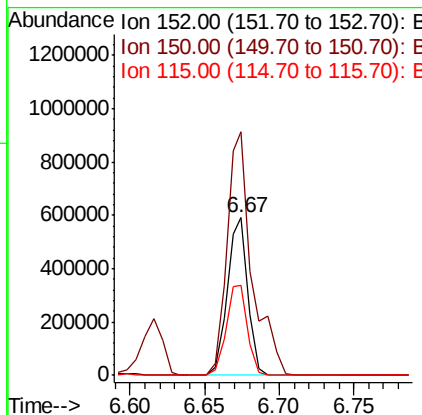
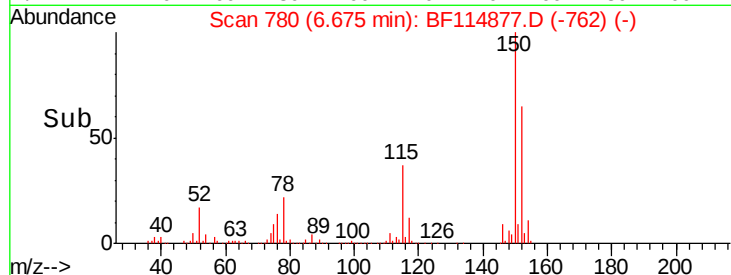
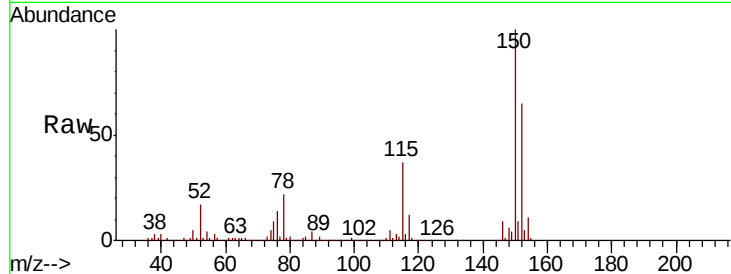
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.0	186.0
115	57.2	46.3	69.5

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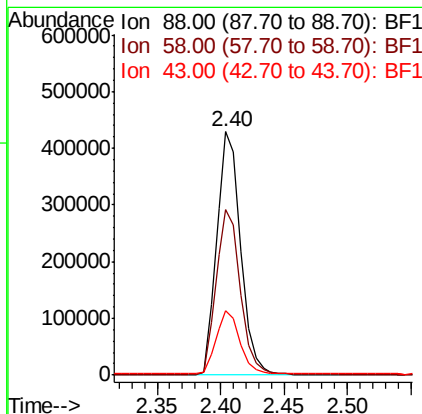
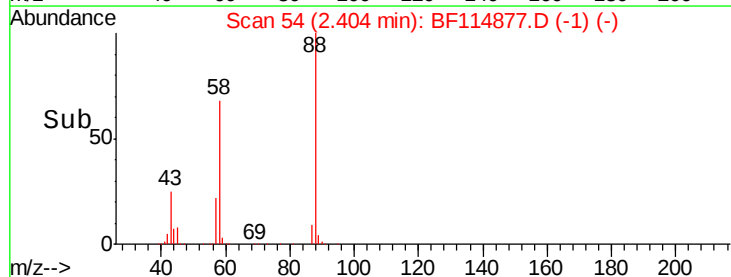
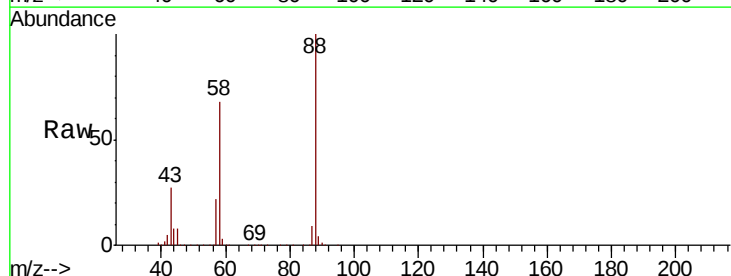
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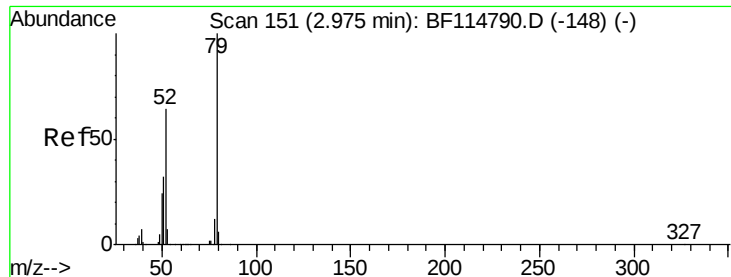


#2

1,4-Dioxane
Concen: 36.286 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.11 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	53.8	80.8
43	26.0	20.7	31.1





#3

Pvridine

Concen: 29.162 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.12 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion: 79 Resp: 1251663

Ion Ratio Lower Upper

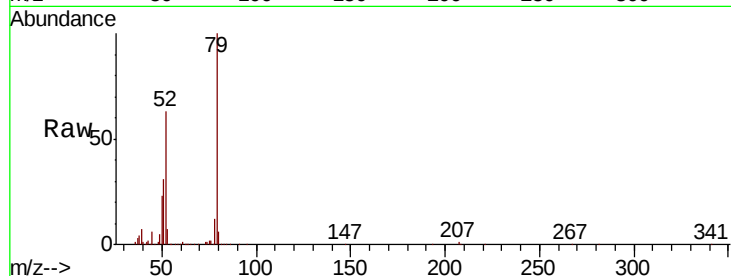
79 100

52 63.0 51.0 76.4

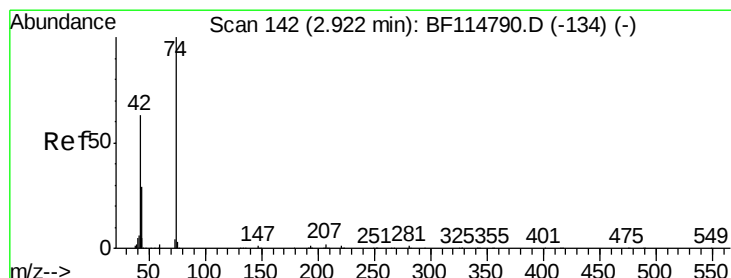
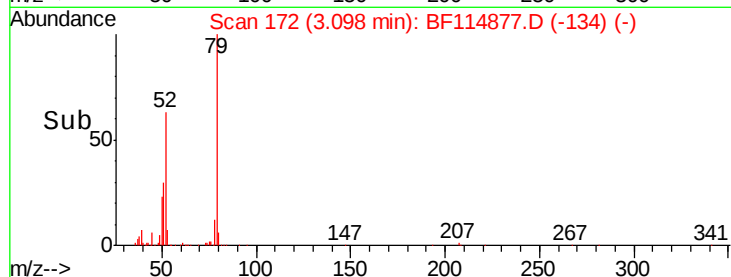
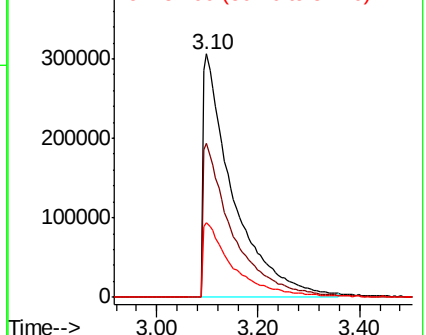
51 30.6 25.7 38.5

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 46.023 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.11 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

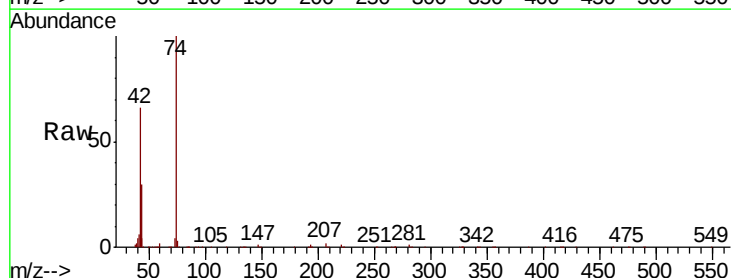
Tgt Ion: 42 Resp: 722955

Ion Ratio Lower Upper

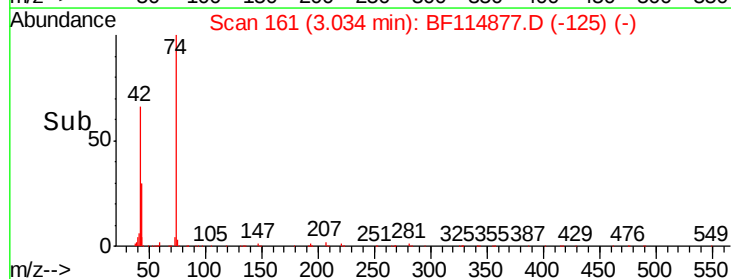
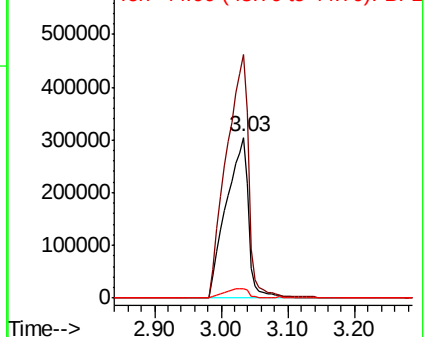
42 100

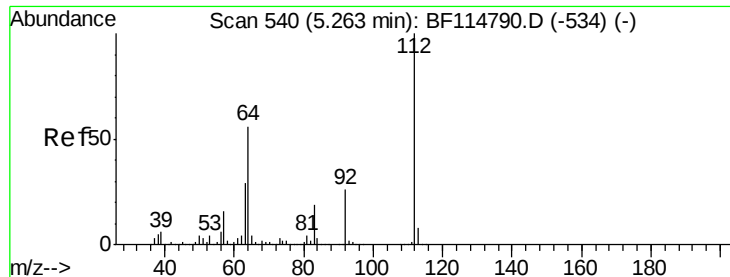
74 151.2 126.2 189.2

44 6.2 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.771 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.04 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:112 Resp: 4146777

Ion Ratio Lower Upper

112 100

64 57.2 44.6 66.8

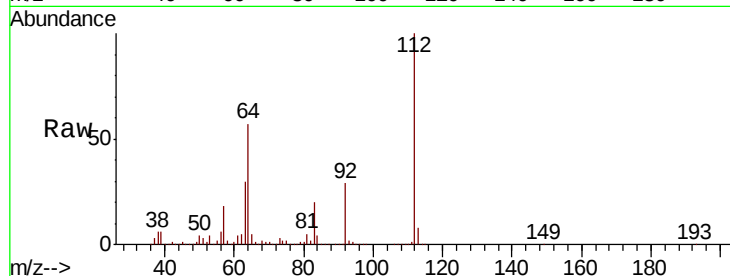
63 30.1 23.0 34.4

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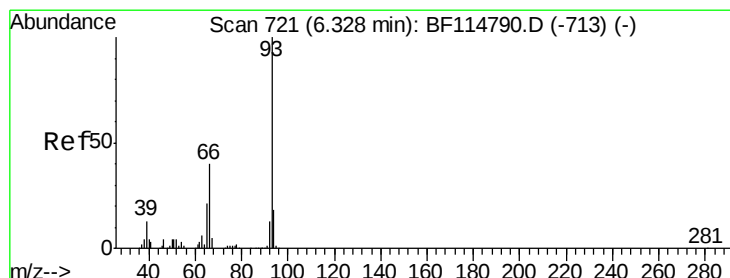
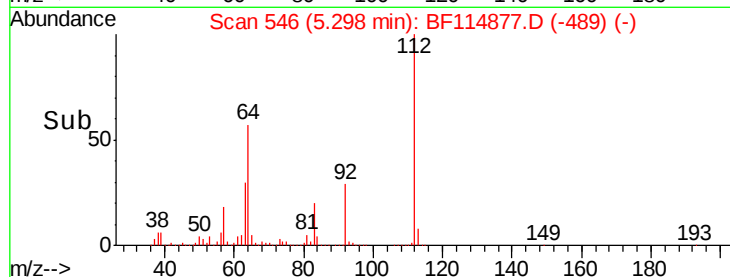
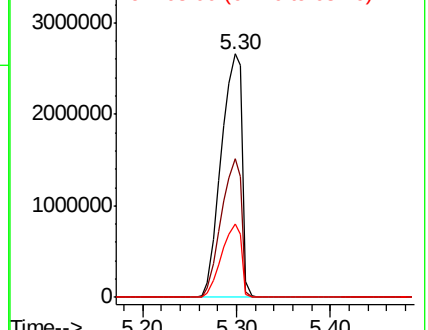
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.617 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

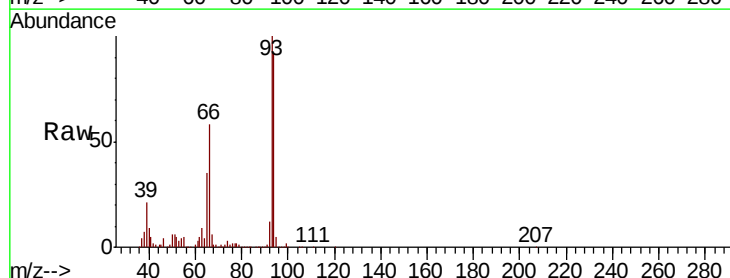
Tgt Ion: 93 Resp: 882016

Ion Ratio Lower Upper

93 100

66 58.4 32.8 49.2#

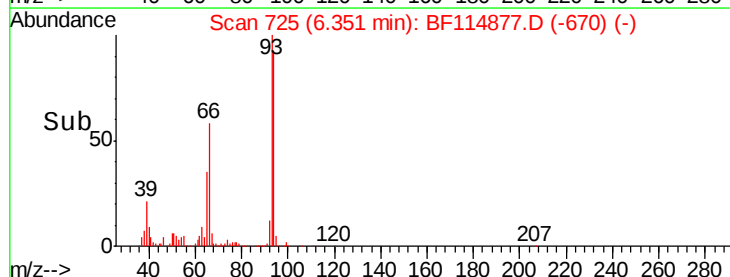
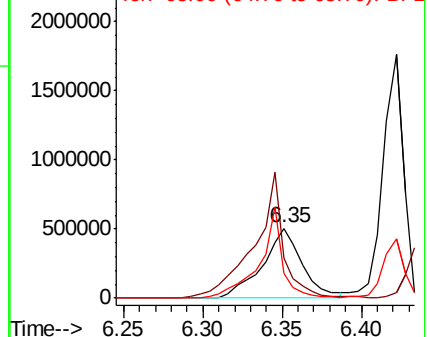
65 34.7 16.9 25.3#

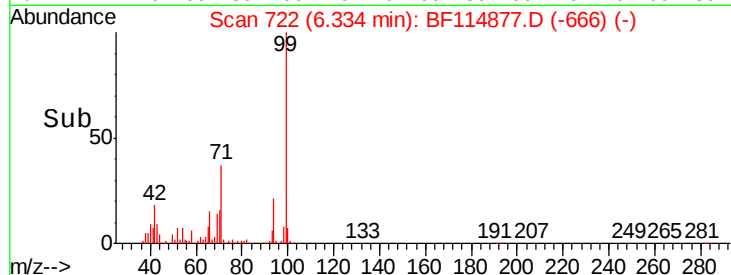
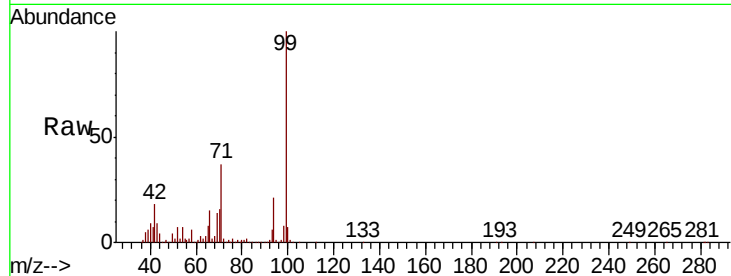
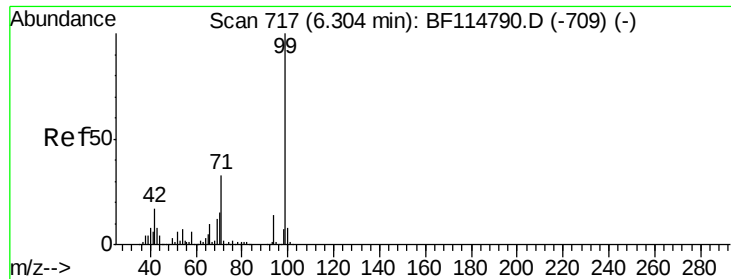


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.099 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tot Ion: 99 Resp: 5178249

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

71 36.9 26.3 39.5

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ClientSampleId :

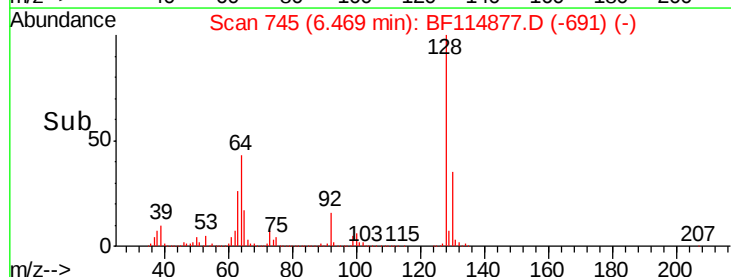
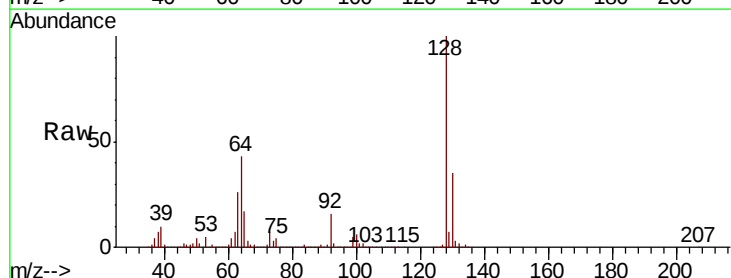
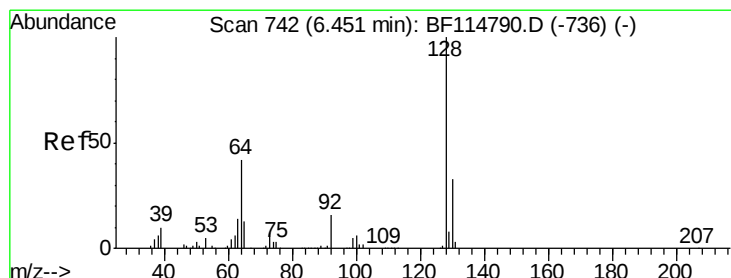
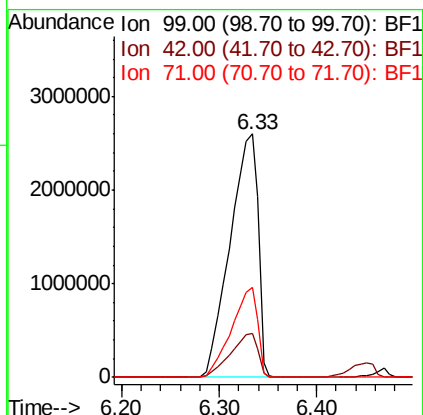
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#8

2-Chlorophenol

Concen: 43.236 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

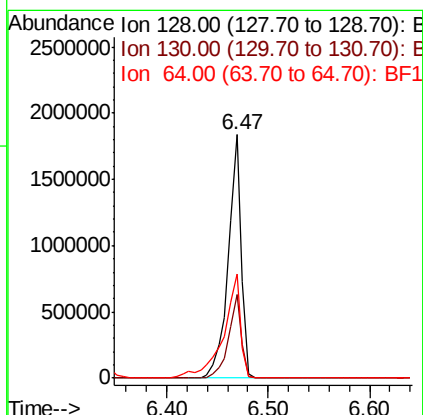
Tgt Ion:128 Resp: 1634051

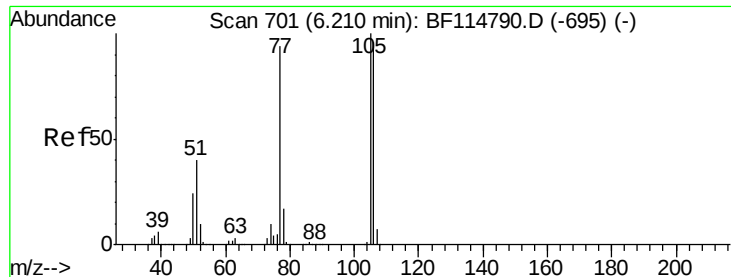
Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

64 42.7 22.5 62.5





#9

Benzaldehyde

Concen: 20.817 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

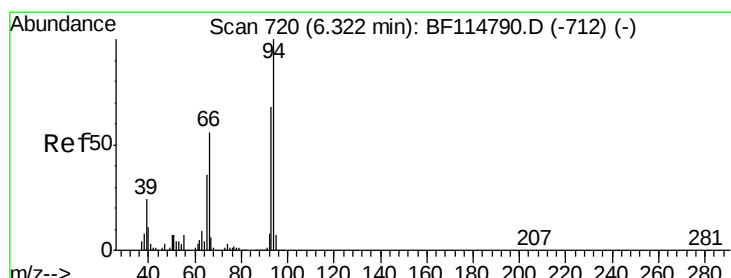
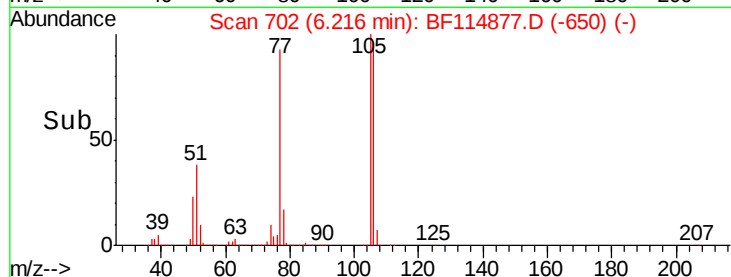
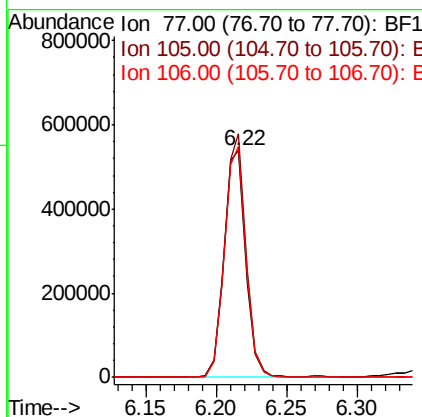
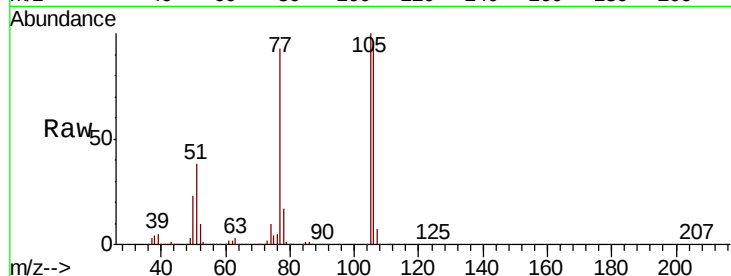
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	77	Resp:	574739
Ion	Ratio	Lower	Upper
77	100		
105	107.4	85.8	125.8
106	102.0	81.6	121.6

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#10

Phenol

Concen: 40.378 ng

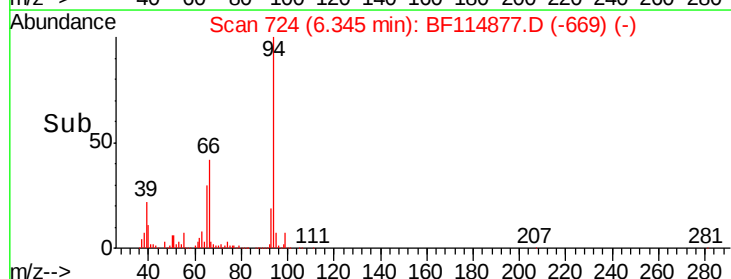
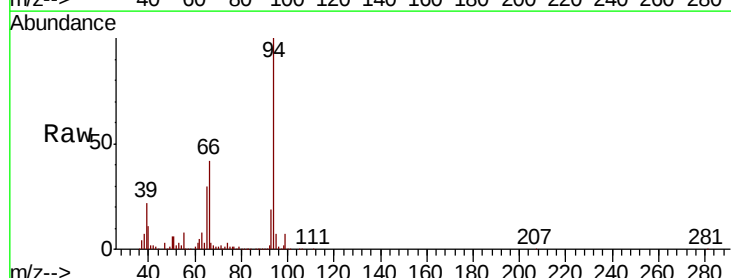
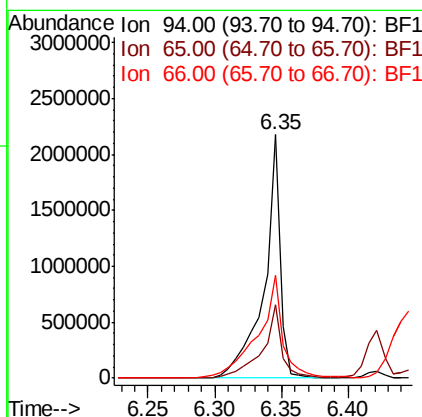
RT: 6.35 min Scan# 724

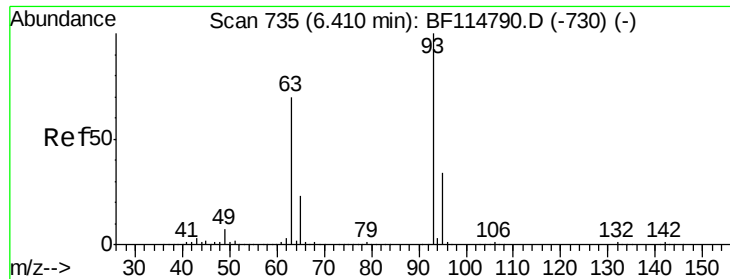
Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:	94	Resp:	1837879
Ion	Ratio	Lower	Upper
94	100		
65	30.3	16.1	56.1
66	42.0	36.3	76.3





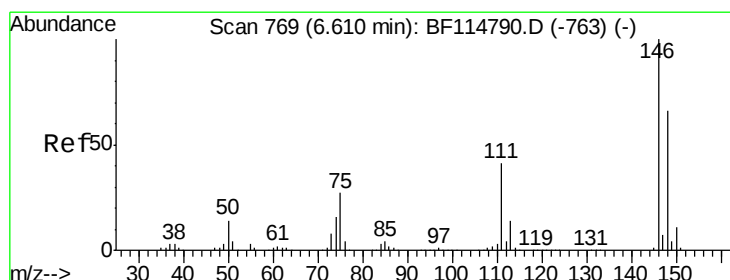
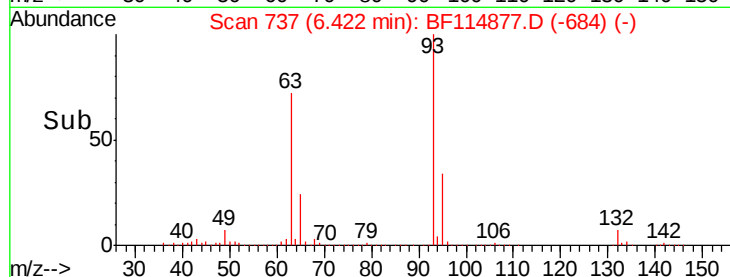
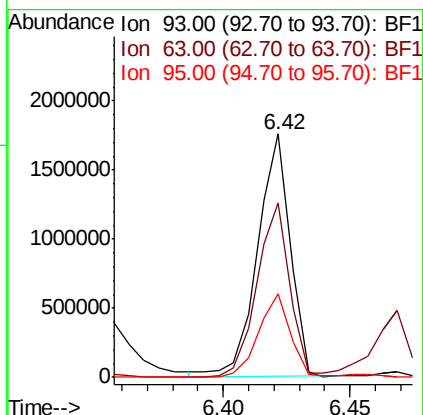
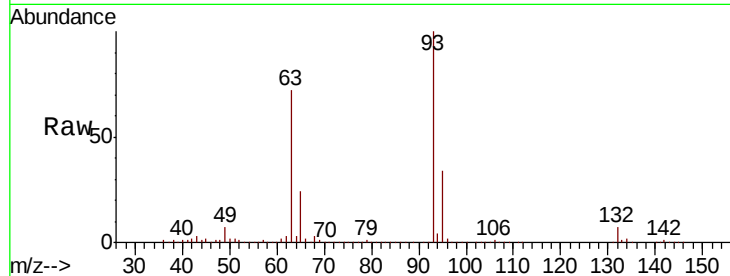
#11
bis(2-Chloroethyl)ether
Concen: 44.263 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	49.6	89.6
95	34.2	13.6	53.6

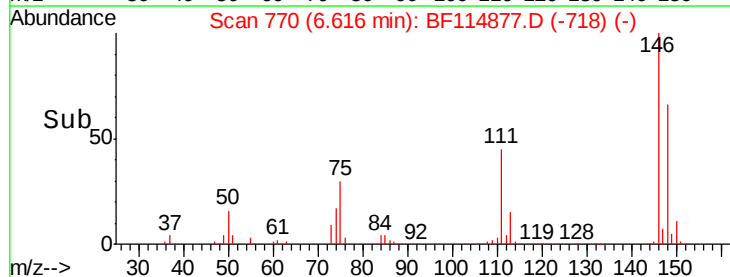
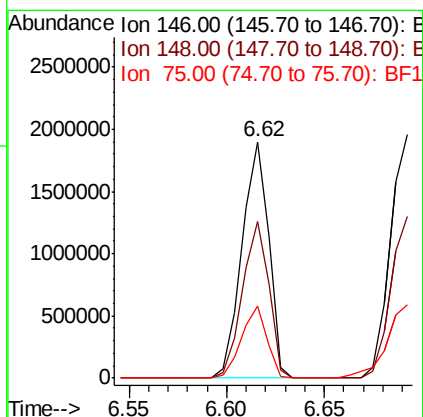
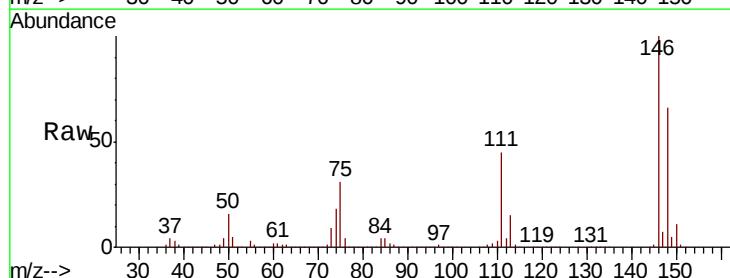
Manual Integrations
APPROVED

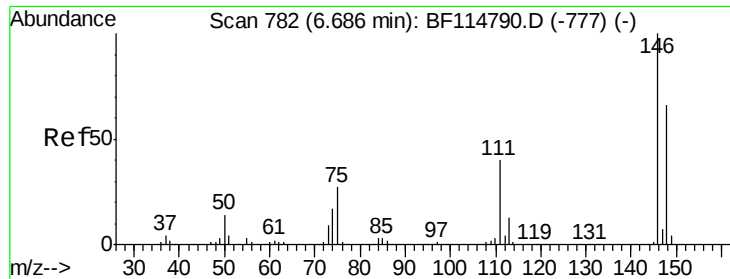
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.028 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.7	79.1
75	30.6	22.0	33.0





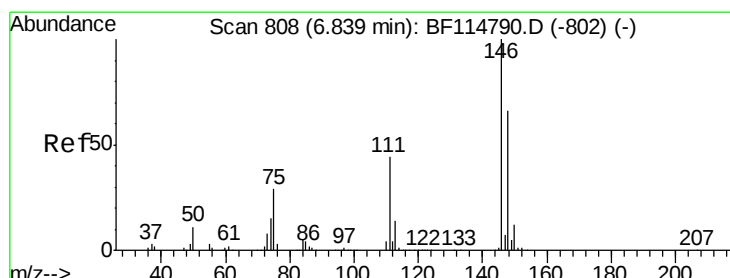
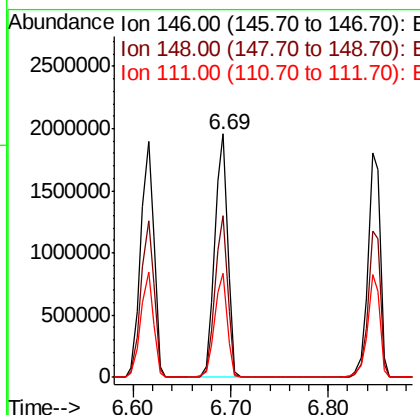
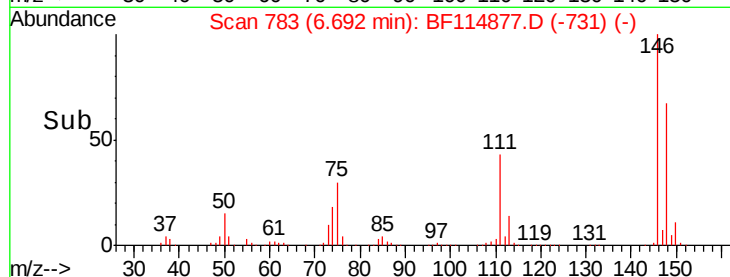
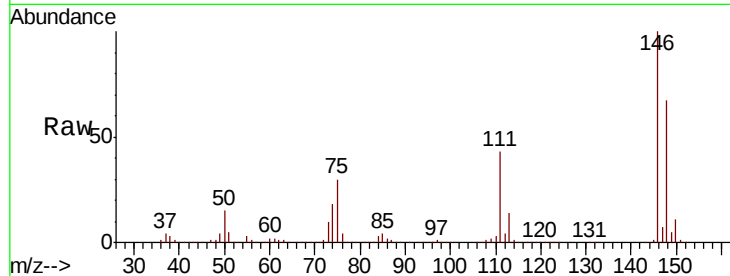
#13
 1,4-Dichlorobenzene
 Concen: 40.502 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion:146 Resp: 1794782
 Ion Ratio Lower Upper
 146 100
 148 66.6 53.0 79.4
 111 42.8 32.2 48.4

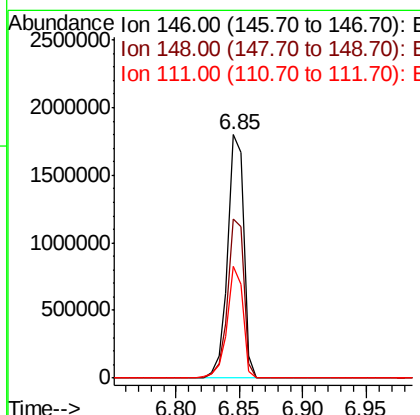
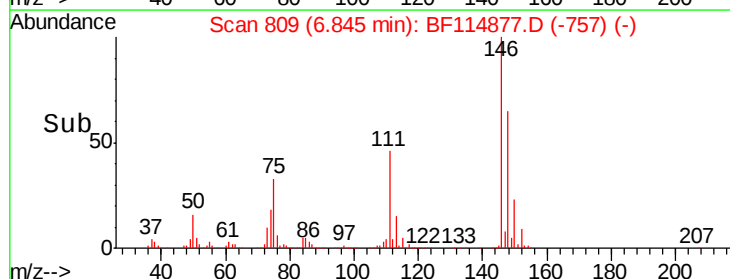
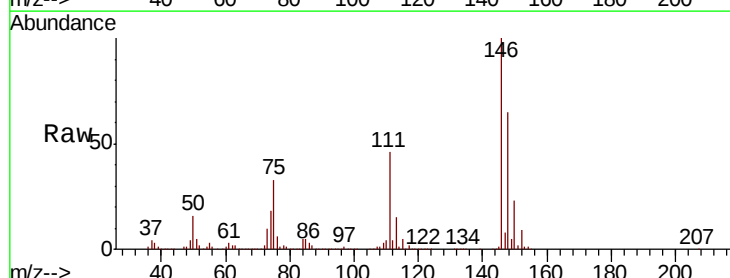
Manual Integrations
 APPROVED

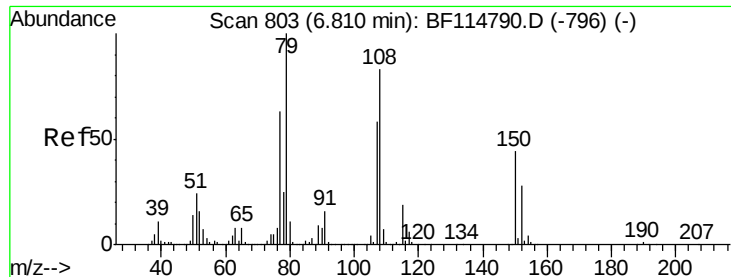
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.517 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:146 Resp: 1581509
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.5 78.7
 111 46.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 41.887 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion: 79 Resp: 1260763

Ion Ratio Lower Upper

79 100

108 80.9 66.8 100.2

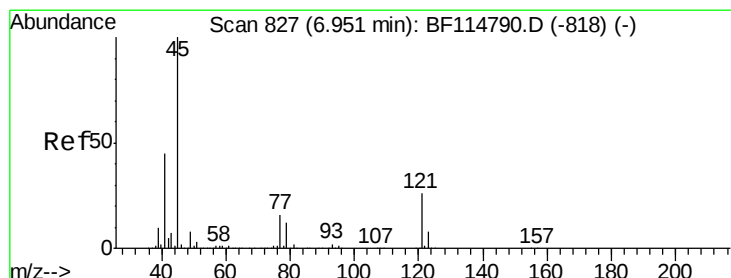
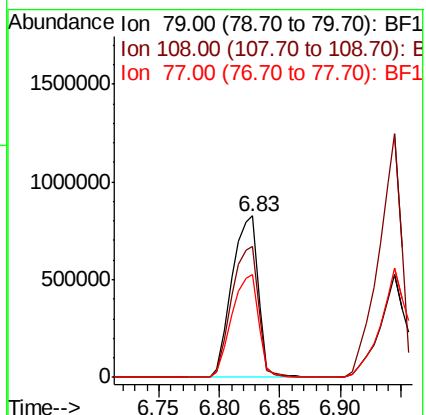
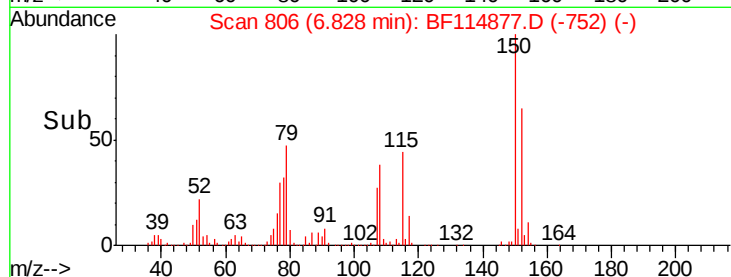
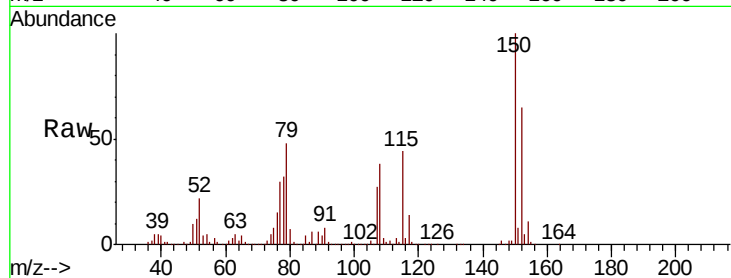
77 63.9 50.6 76.0

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.821 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

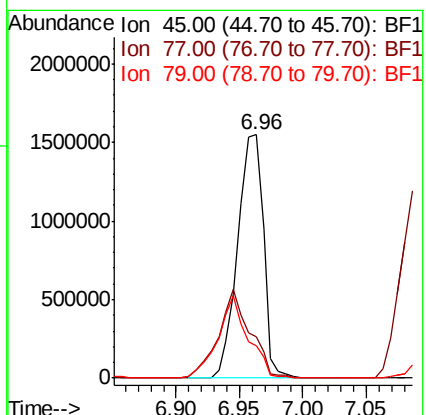
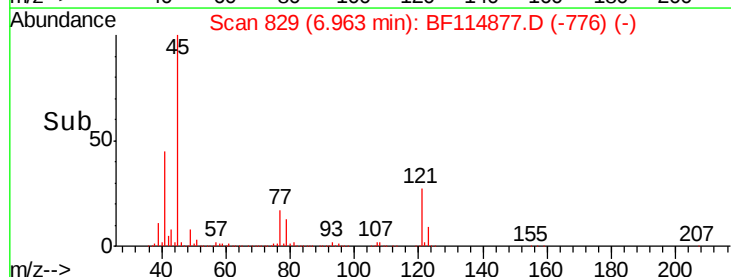
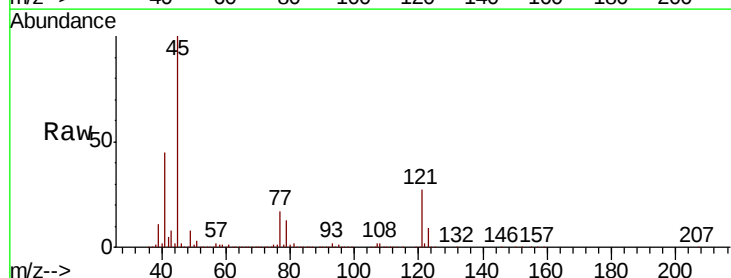
Tgt Ion: 45 Resp: 2175473

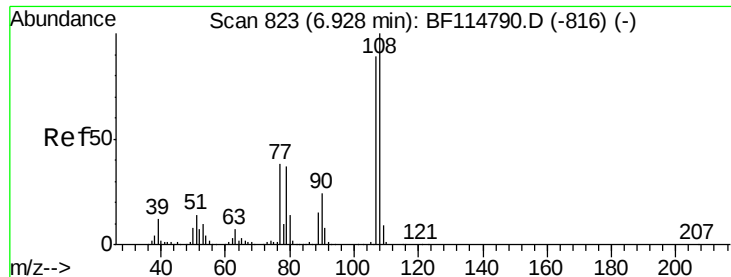
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.8

79 13.4 0.0 32.0





#17

2-Methylphenol

Concen: 45.356 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:107 Resp: 1465250

Ion Ratio Lower Upper

107 100

108 112.9 90.2 135.2

77 50.8 34.5 51.7

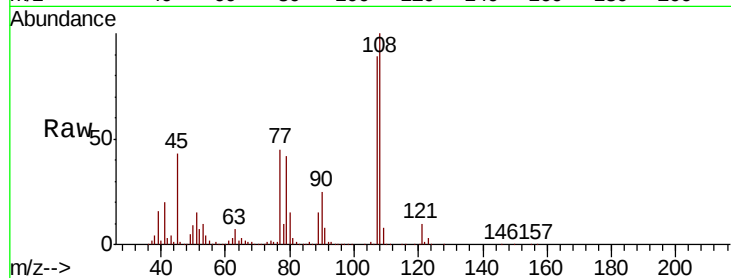
79 47.6 33.8 50.6

Manual Integrations

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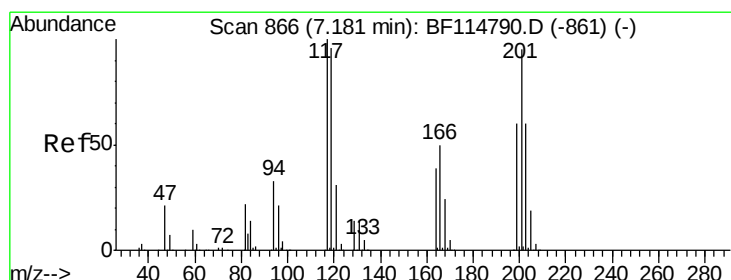
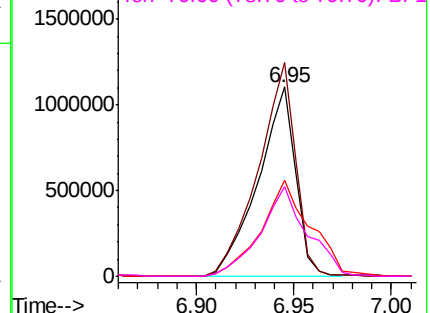
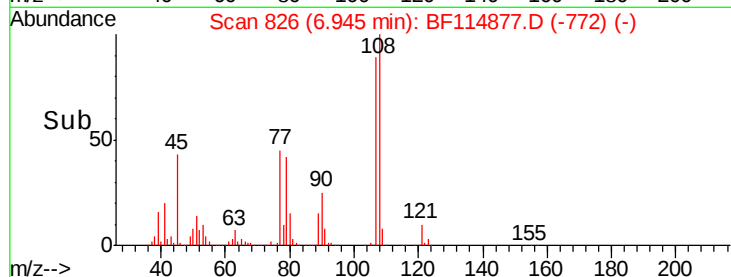
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.152 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

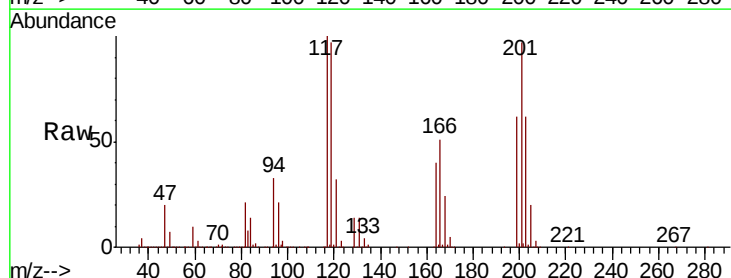
Tgt Ion:117 Resp: 686383

Ion Ratio Lower Upper

117 100

119 96.6 77.0 115.4

201 97.3 76.0 114.0

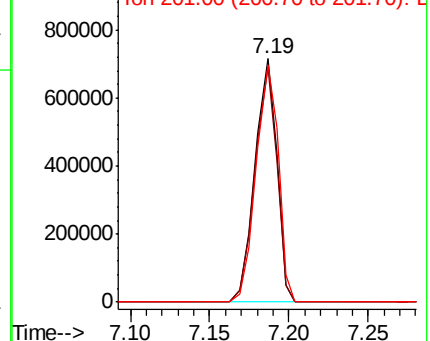
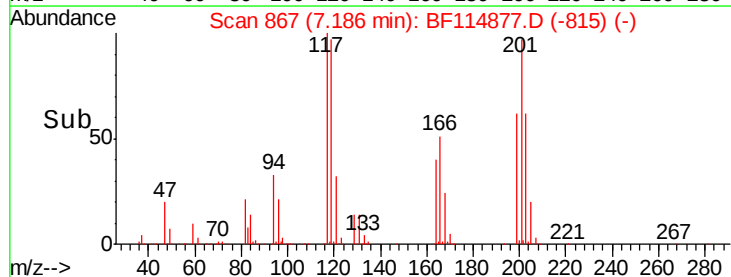


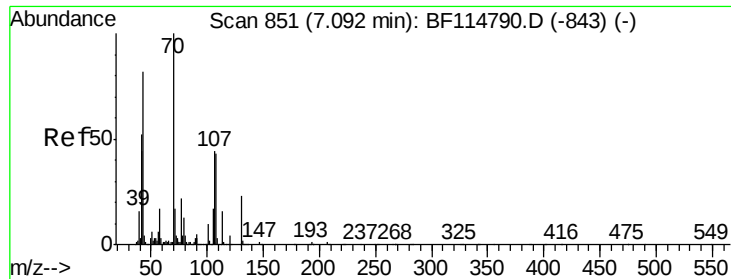
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





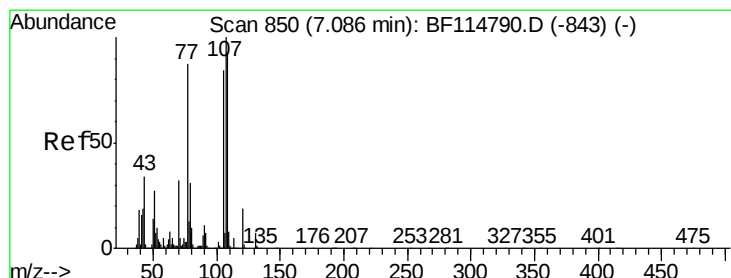
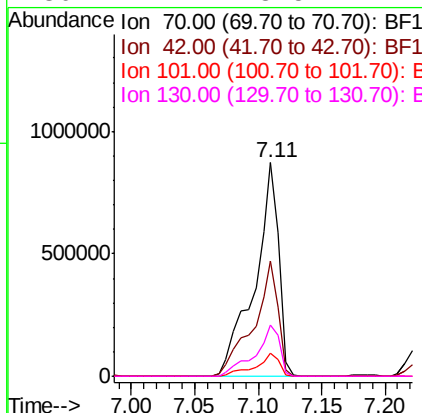
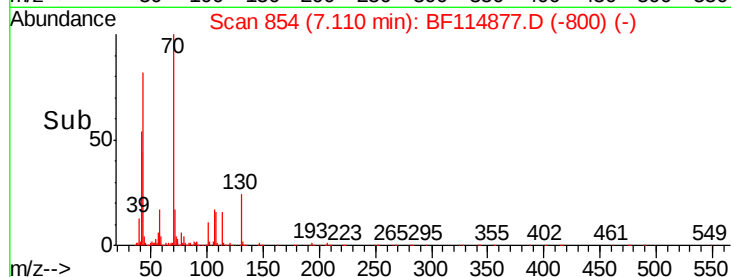
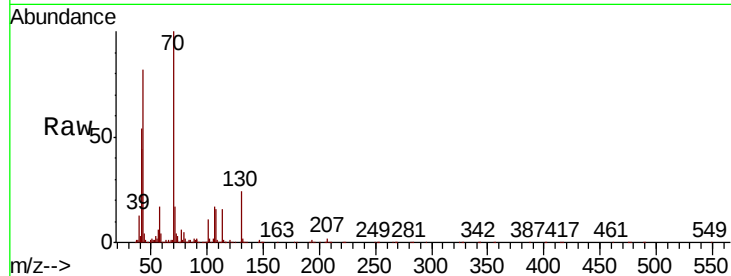
#19
n-Nitroso-di-n-propylamine
Concen: 43.802 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	41.8	62.8	
101	10.6	8.2	12.4	
130	24.2	18.5	27.7	

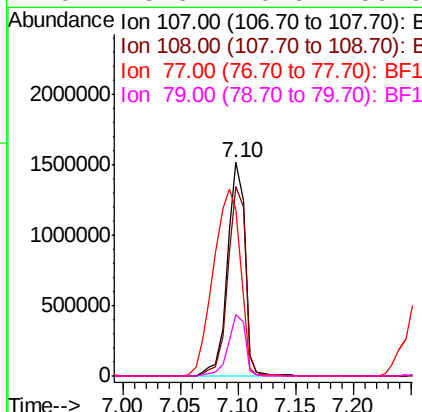
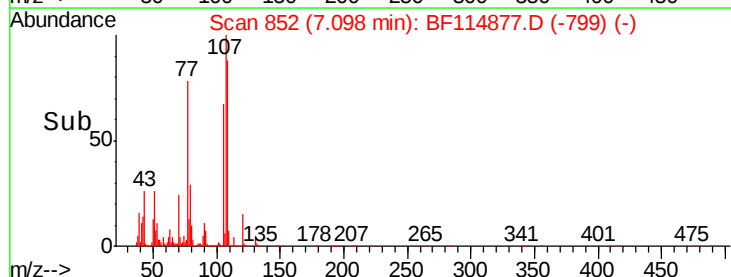
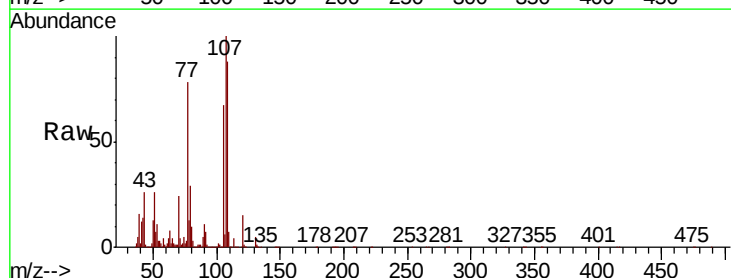
Manual Integrations
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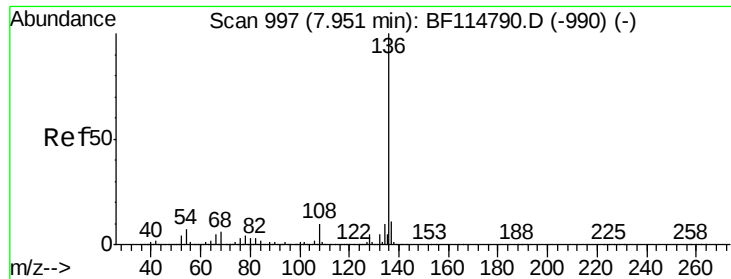
mohammad
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#20
3+4-Methylphenols
Concen: 44.775 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	73.5	113.5	
77	77.9	67.2	107.2	
79	28.6	10.6	50.6	





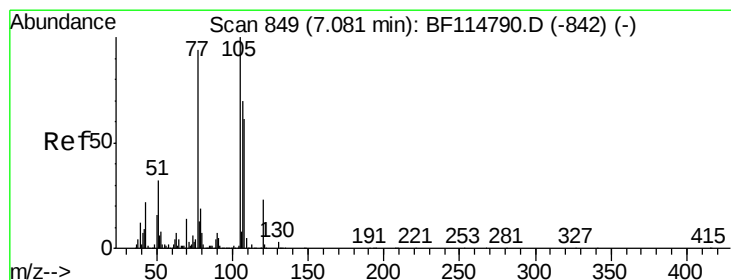
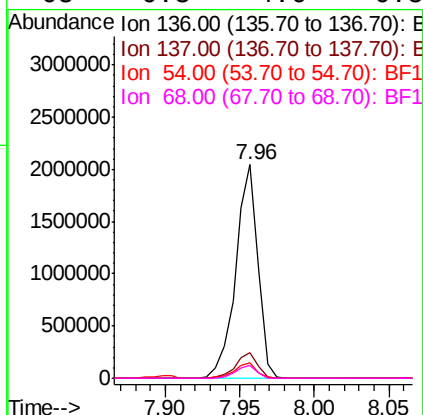
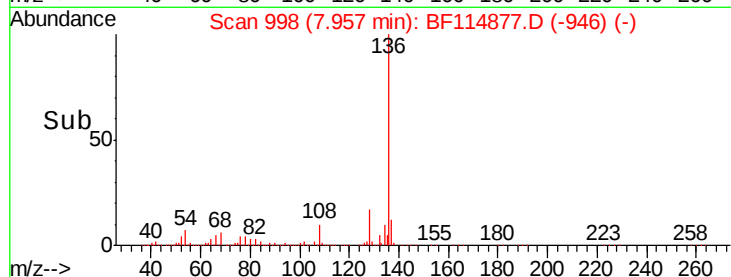
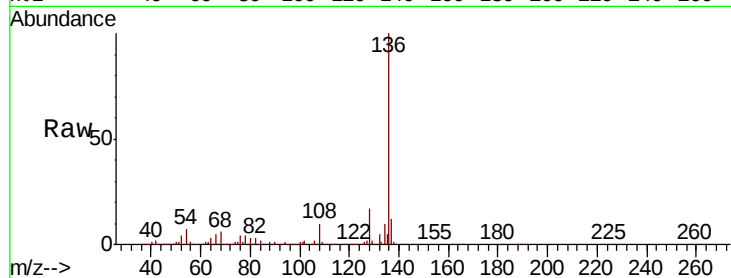
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.8	9.1	13.7	
54	7.0	5.4	8.0	
68	6.3	4.6	6.8	

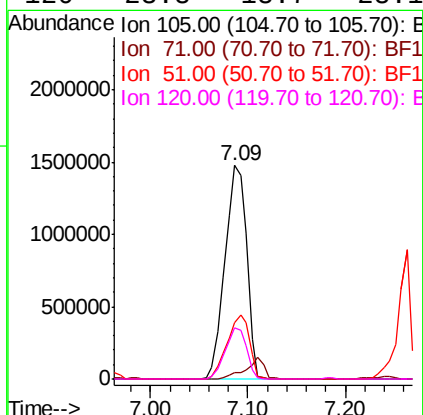
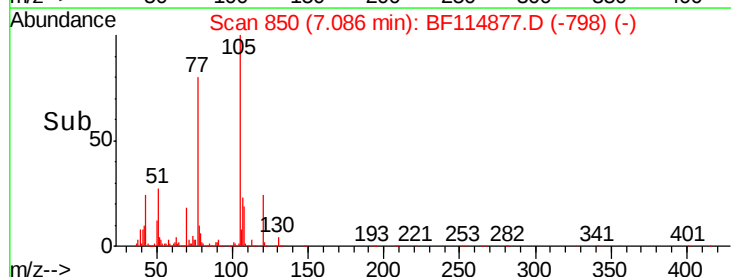
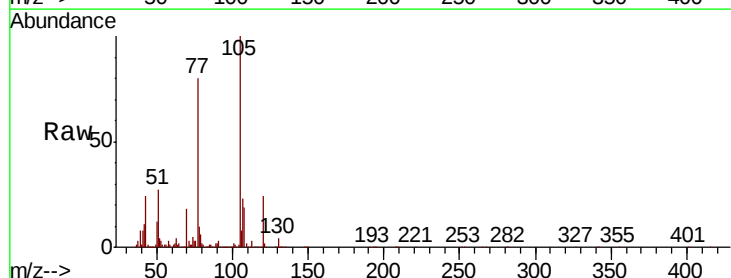
Manual Integrations
APPROVED

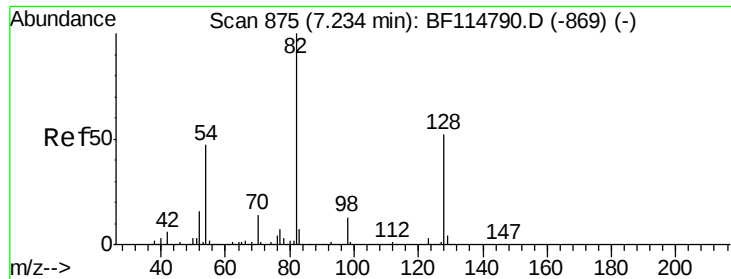
mohammad
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#22
Acetophenone
Concen: 49.109 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	3.0	2.0	3.0	
51	26.6	25.4	38.0	
120	23.8	18.7	28.1	





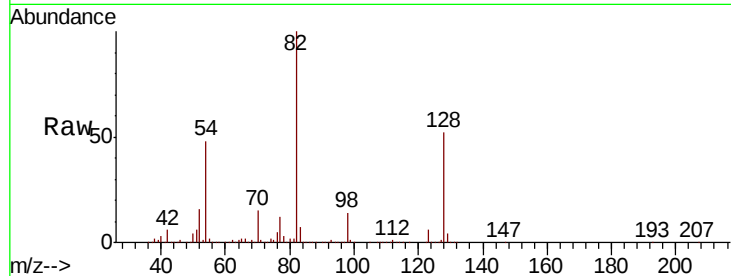
#23
 Nitrobenzene-d5
 Concen: 99.685 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	41.8	62.6
54	47.6	37.9	56.9

Manual Integrations
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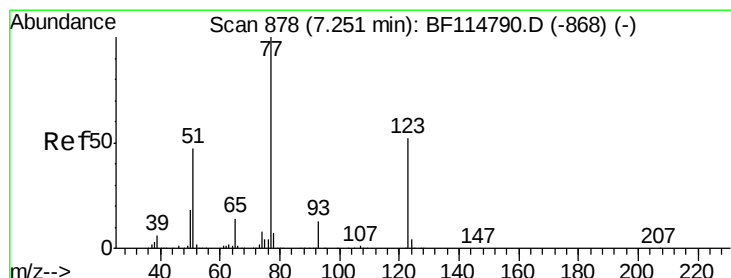
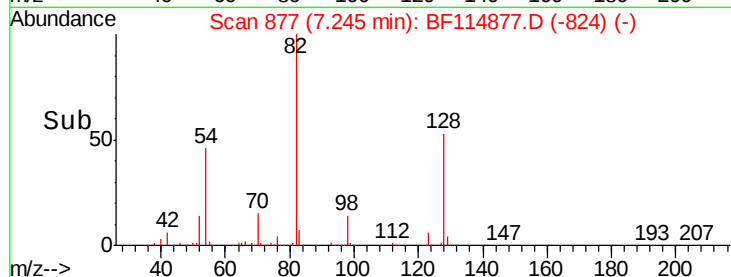
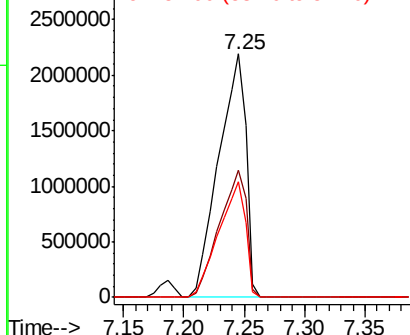


Abundance

Ion 82.00 (81.70 to 82.70): BF1

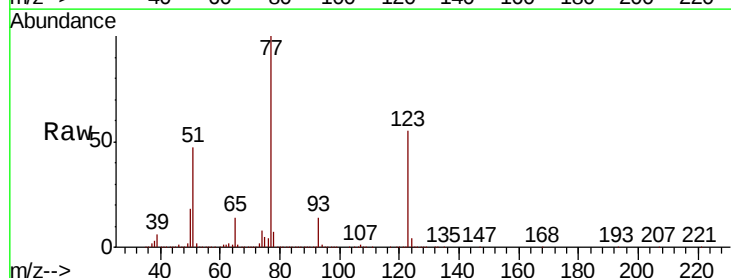
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 47.398 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.5	41.5	62.3
65	13.8	10.8	16.2

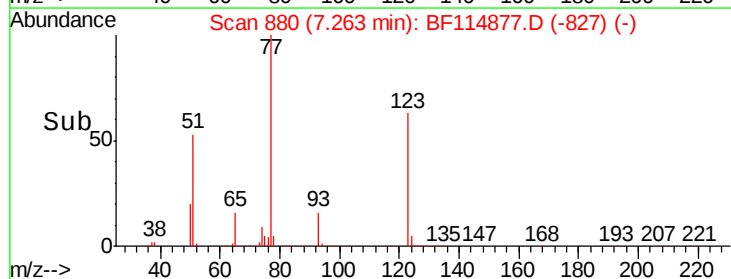
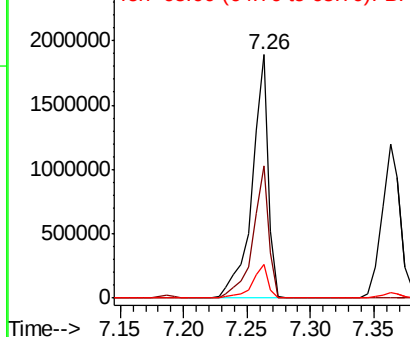


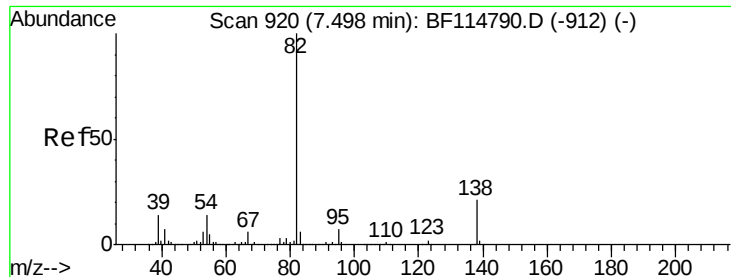
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.880 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion: 82 Resp: 3384589

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

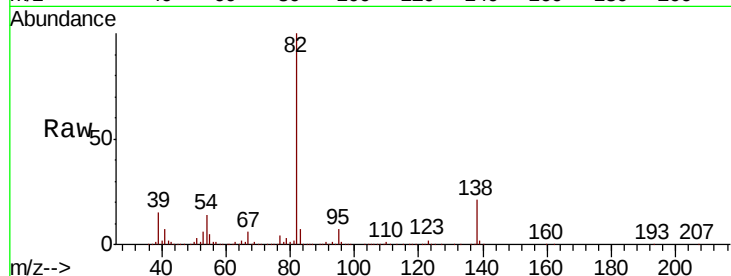
138 20.9 16.9 25.3

Manual Integrations

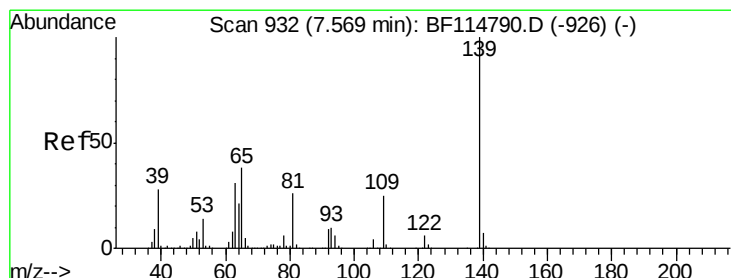
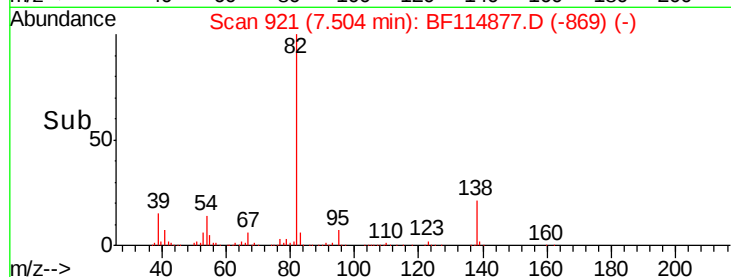
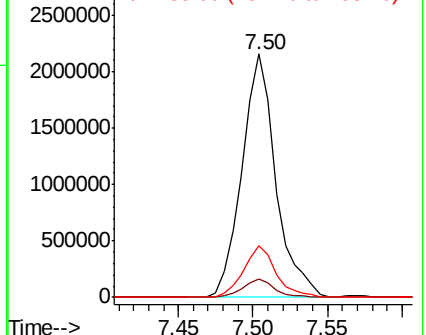
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.127 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

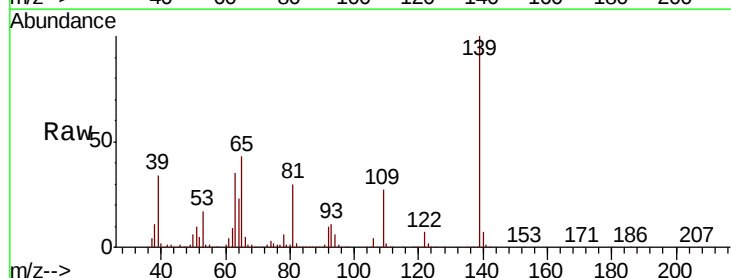
Tgt Ion: 139 Resp: 1023144

Ion Ratio Lower Upper

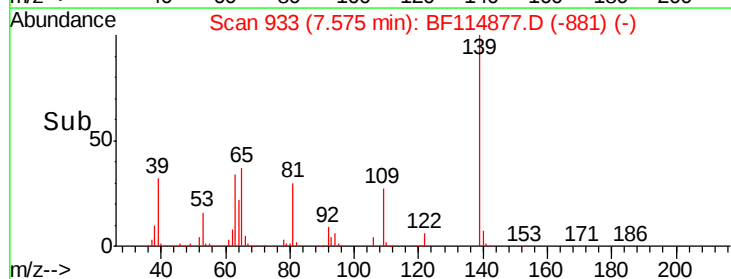
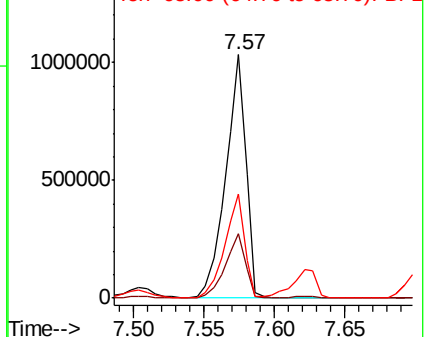
139 100

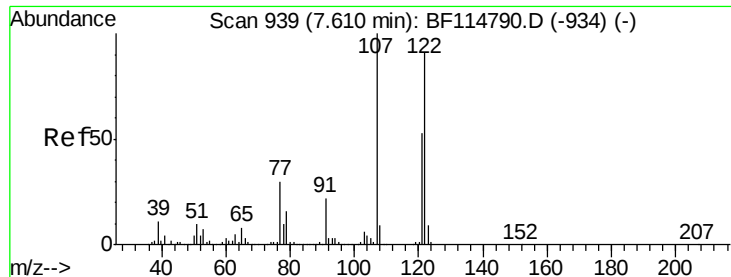
109 26.7 20.4 30.6

65 42.7 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.947 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:122 Resp: 1579078

Ion Ratio Lower Upper

122 100

107 111.6 87.9 131.9

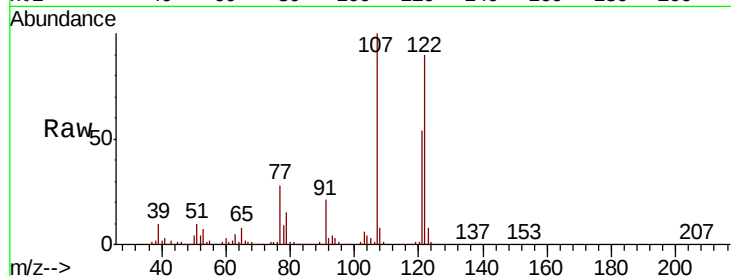
121 60.4 46.4 69.6

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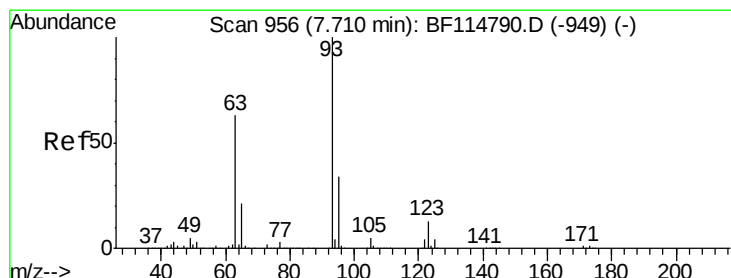
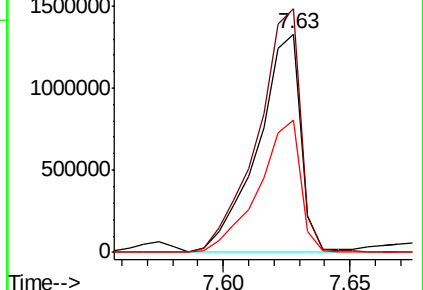
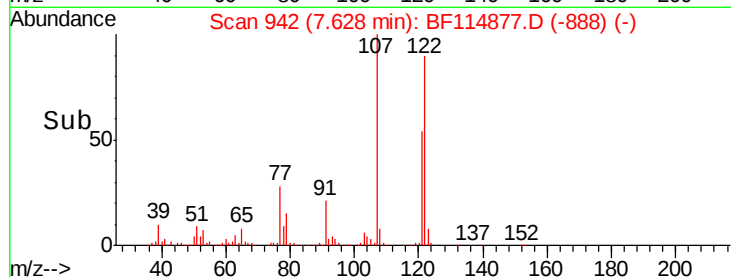
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.626 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

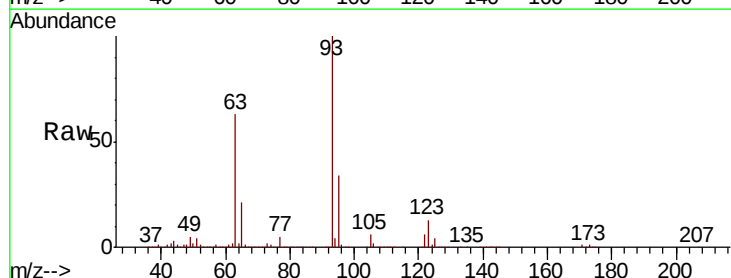
Tgt Ion: 93 Resp: 2109138

Ion Ratio Lower Upper

93 100

95 34.0 26.9 40.3

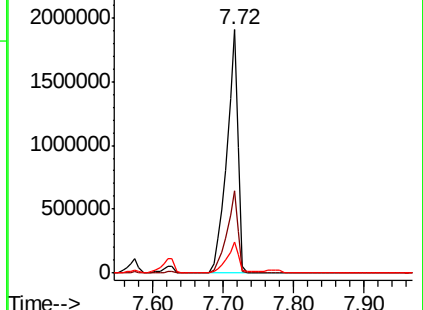
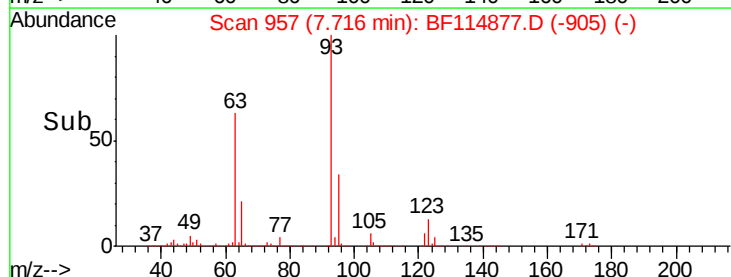
123 12.9 10.4 15.6

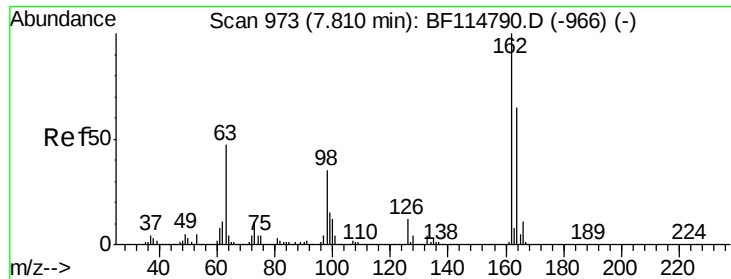


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





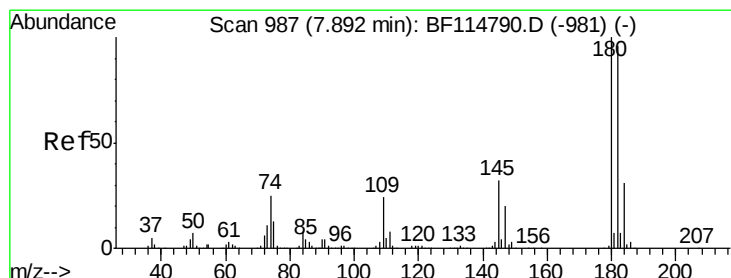
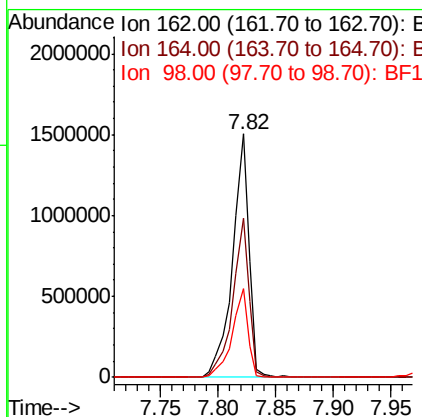
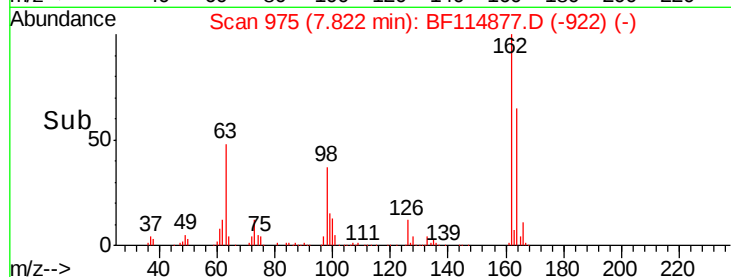
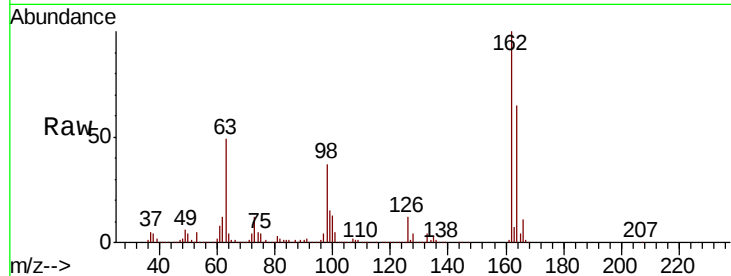
#29
2,4-Dichlorophenol
Concen: 48.321 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	65.4	45.1	85.1	
98	36.7	14.6	54.6	

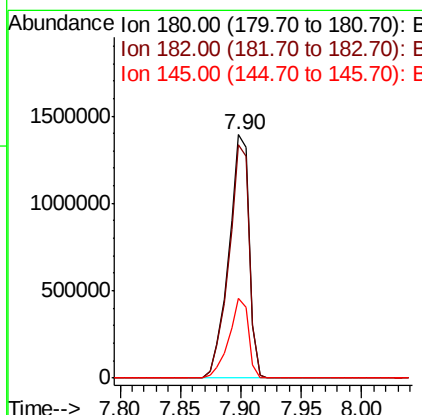
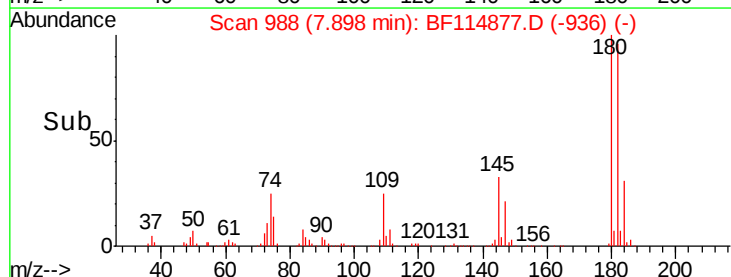
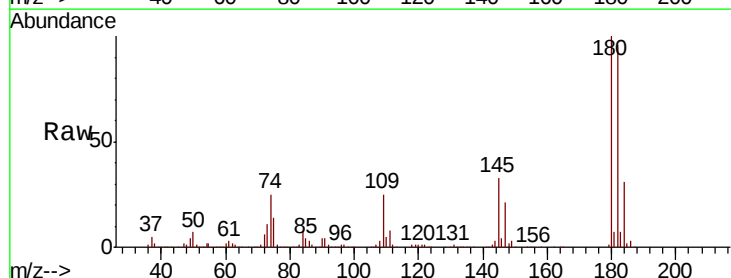
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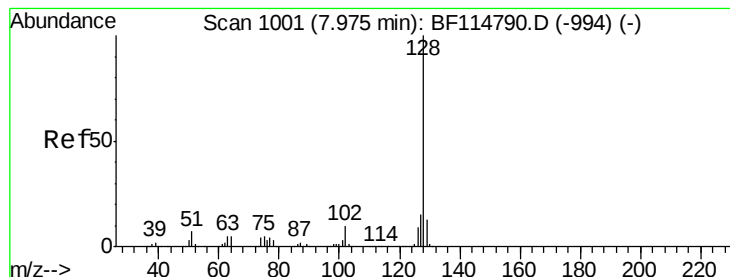
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.264 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.8	76.5	114.7	
145	32.7	25.8	38.8	





#31

Naphthalene

Concen: 46.154 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:128 Resp: 4390244

Ion Ratio Lower Upper

128 100

129 13.9 10.0 15.0

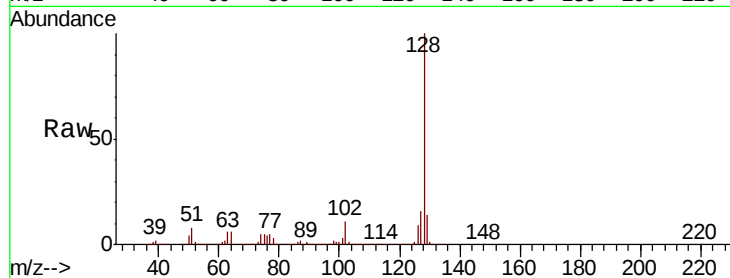
127 16.3 12.2 18.2

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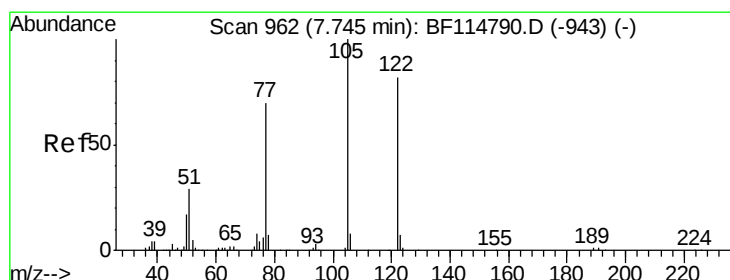
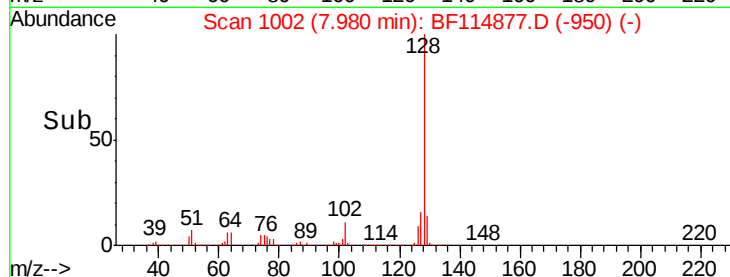
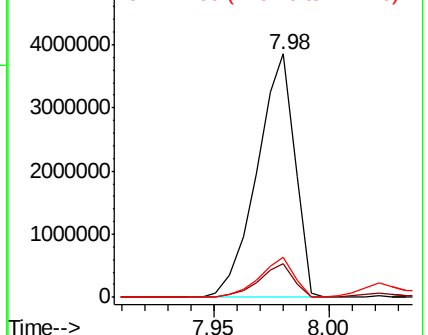


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.402 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.04 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

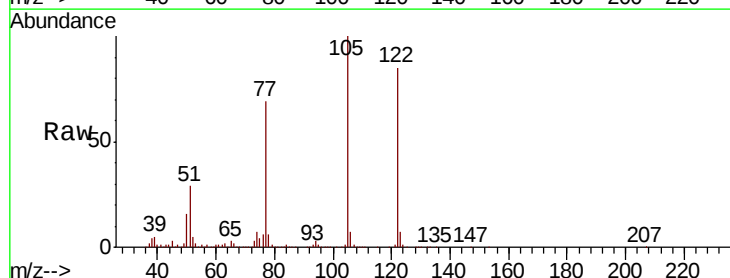
Tgt Ion:122 Resp: 1074523

Ion Ratio Lower Upper

122 100

105 118.3 98.7 138.7

77 82.1 64.8 104.8

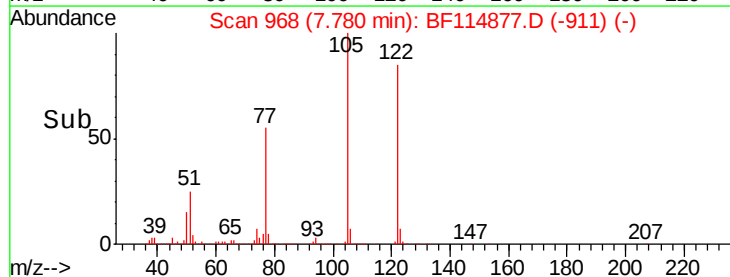
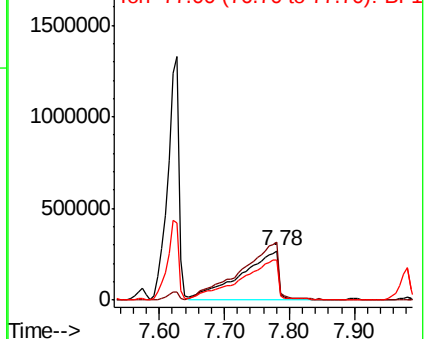


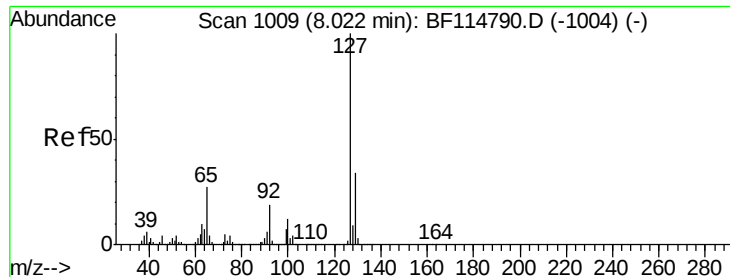
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





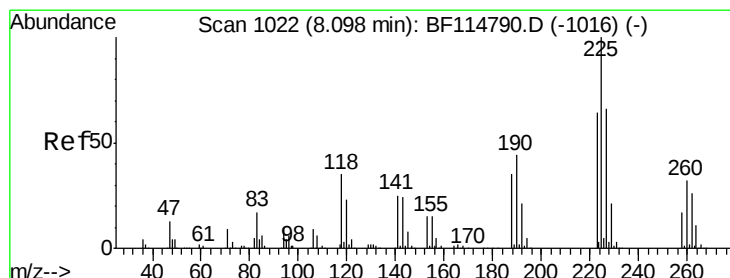
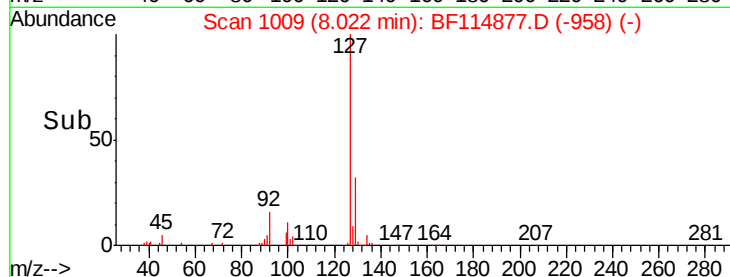
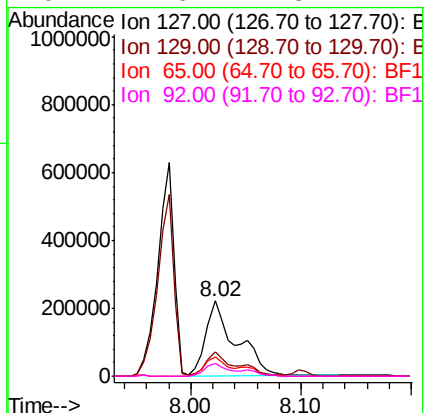
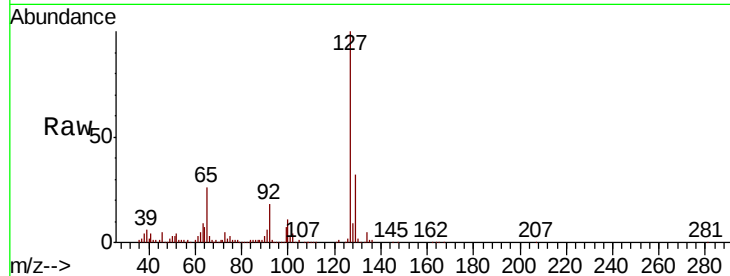
#33
4-Chloroaniline
Concen: 9.103 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	413102		
129	31.7	26.9	40.3	
65	25.9	21.7	32.5	
92	17.6	14.8	22.2	

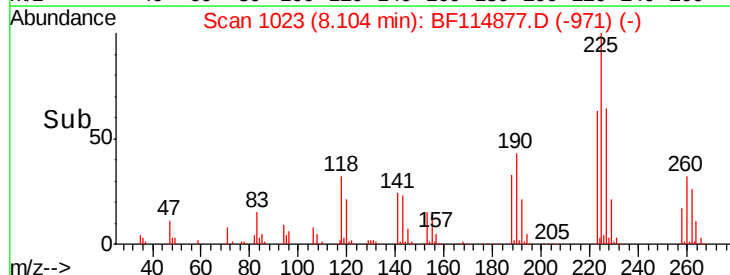
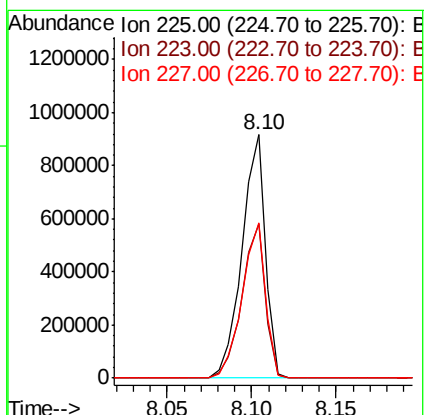
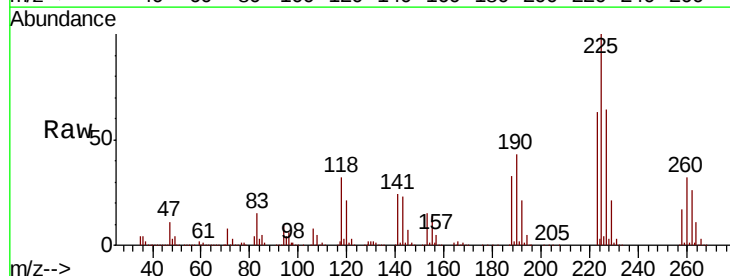
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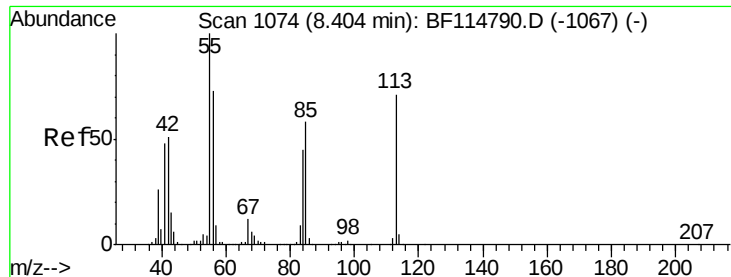
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#34
Hexachlorobutadiene
Concen: 44.133 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	886595		
223	63.2	51.0	76.6	
227	63.7	52.6	78.8	





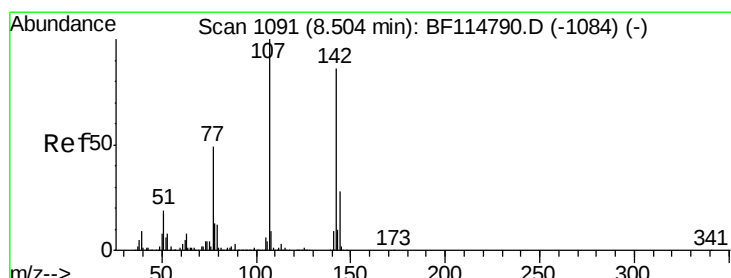
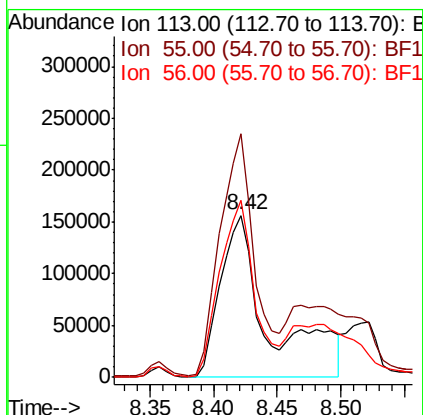
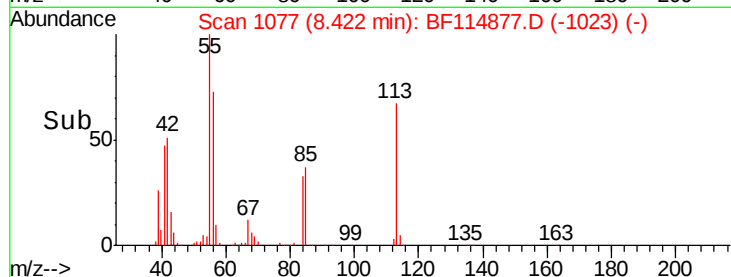
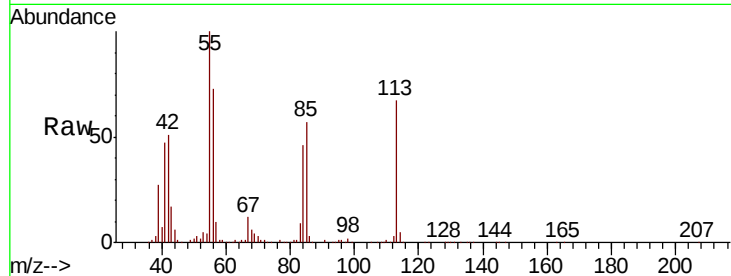
#35
Caprolactam
Concen: 41.585 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	150.1	121.1	161.1		
56	109.5	82.6	122.6		

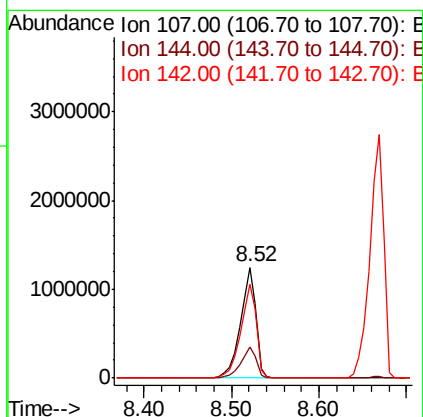
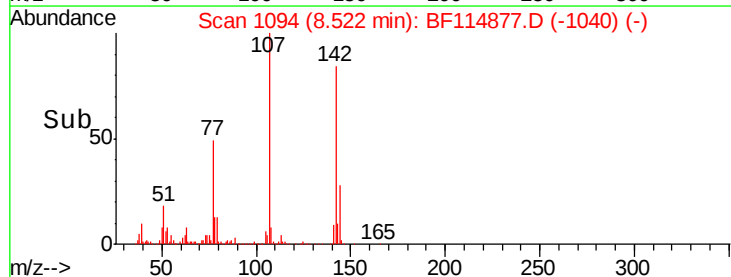
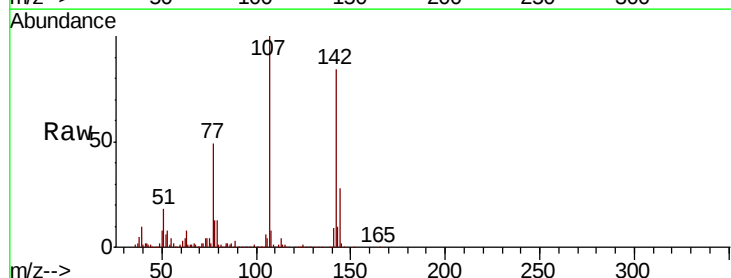
Manual Integrations
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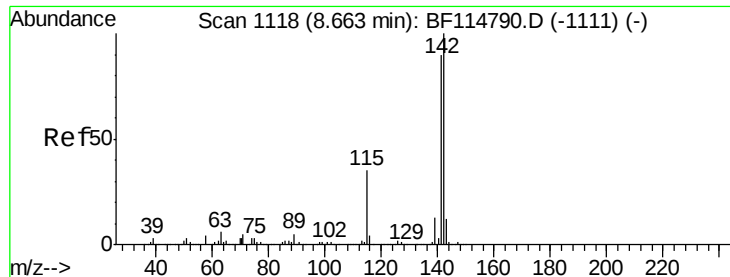
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#36
4-Chloro-3-methylphenol
Concen: 48.728 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.8	22.1	33.1		
142	84.5	68.4	102.6		





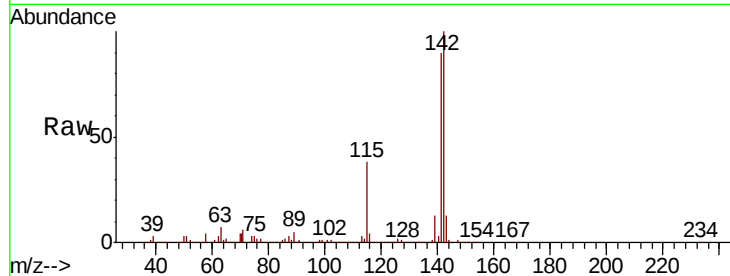
#37
2-Methylnaphthalene
Concen: 46.065 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4
115	37.8	28.2	42.4

Manual Integrations
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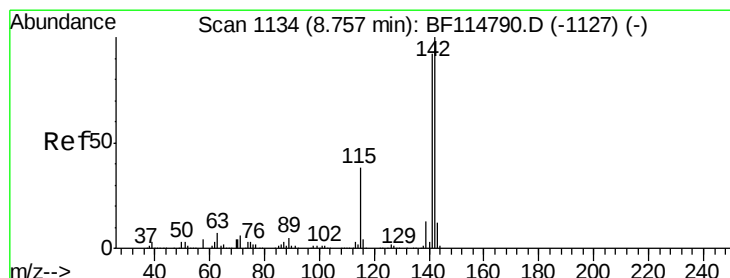
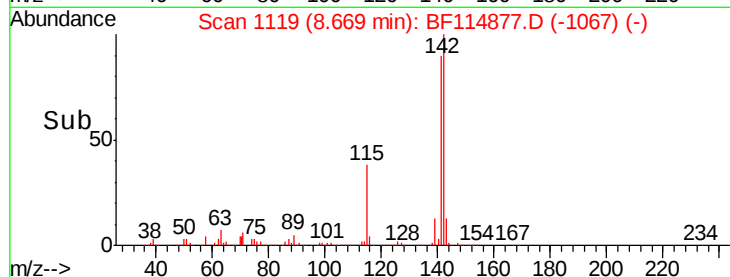
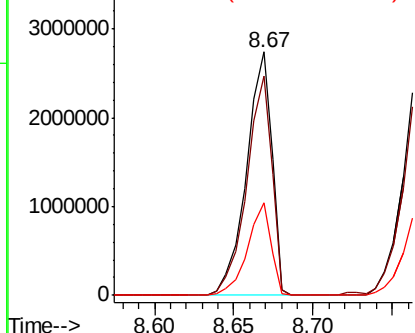


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.383 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

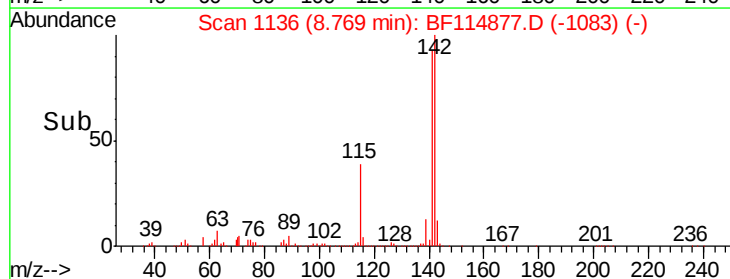
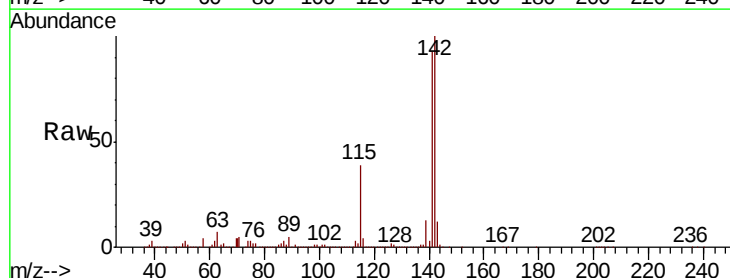
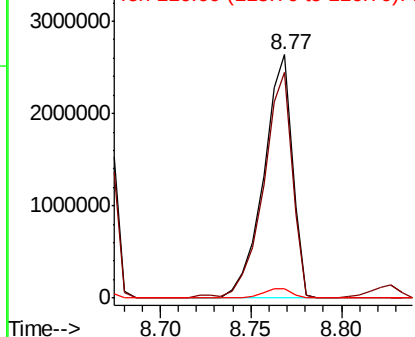
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6
116	4.1	3.3	4.9

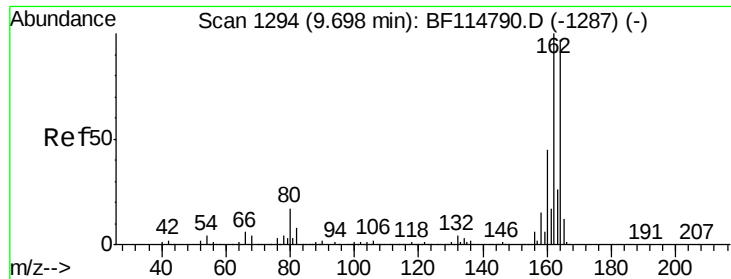
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





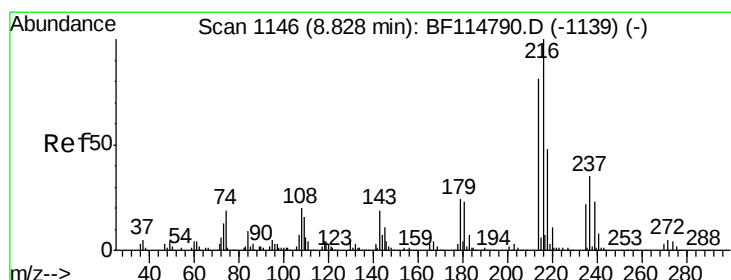
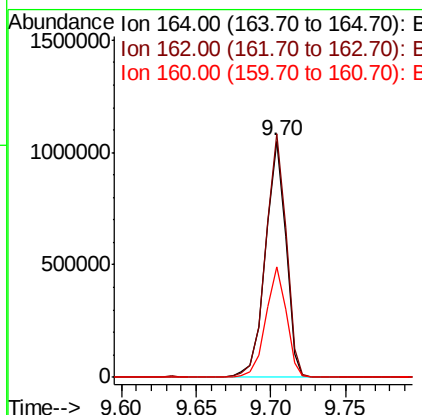
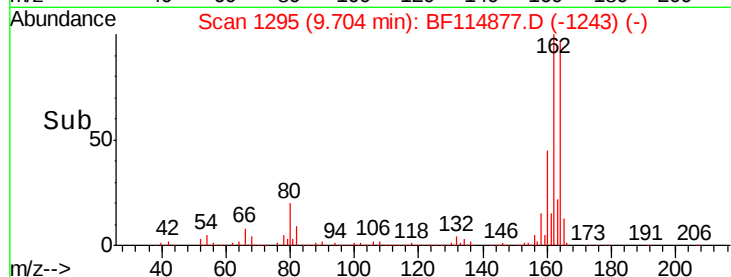
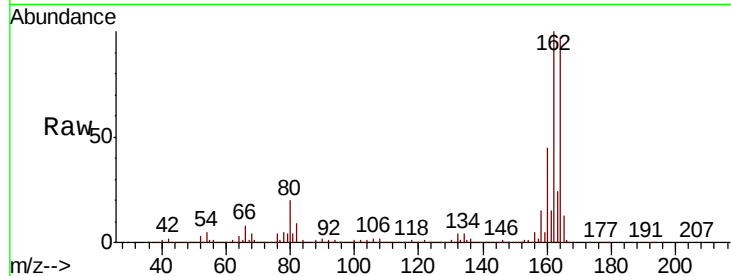
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.3	123.5	
160	46.7	36.7	55.1	

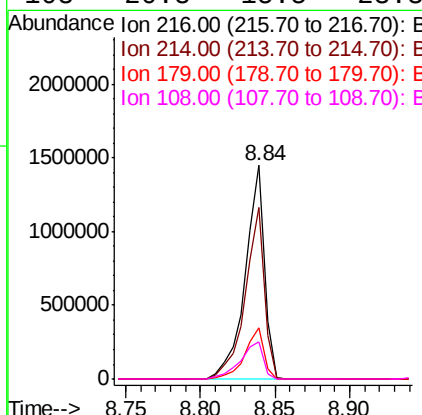
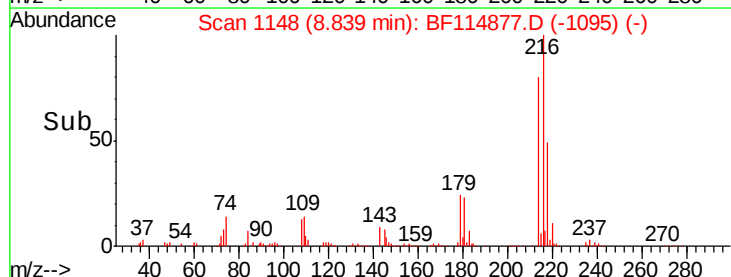
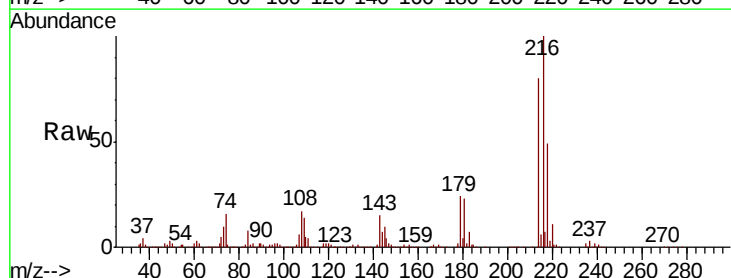
Manual Integrations
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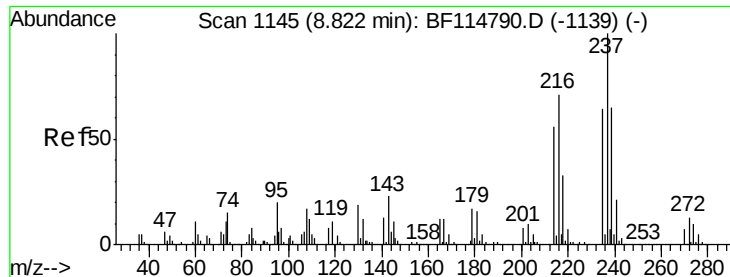
mohammad
6/7/2019 2:11:49 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.594 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.4	95.2	
179	23.7	18.3	27.5	
108	20.8	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 68.225 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:237 Resp: 1173985

Ion Ratio Lower Upper

237 100

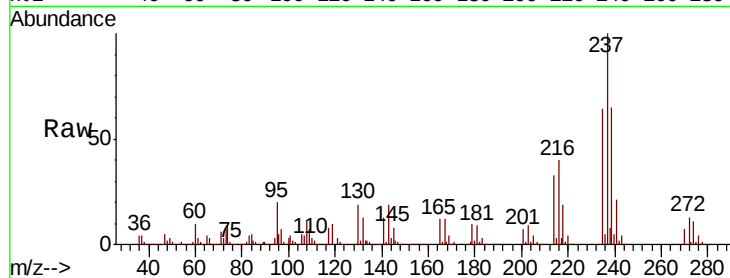
235 64.0 44.0 84.0

272 13.5 0.0 33.4

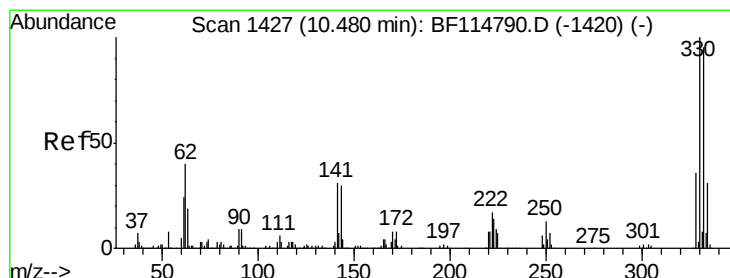
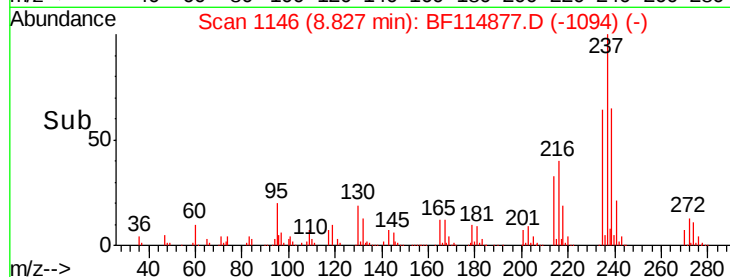
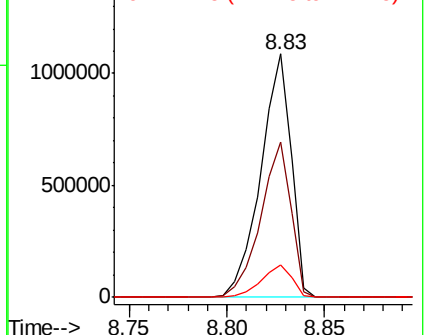
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.273 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

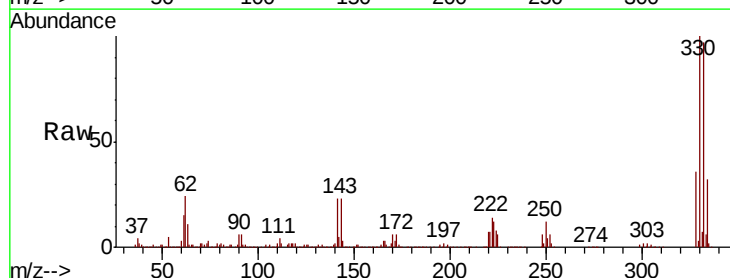
Tgt Ion:330 Resp: 1286665

Ion Ratio Lower Upper

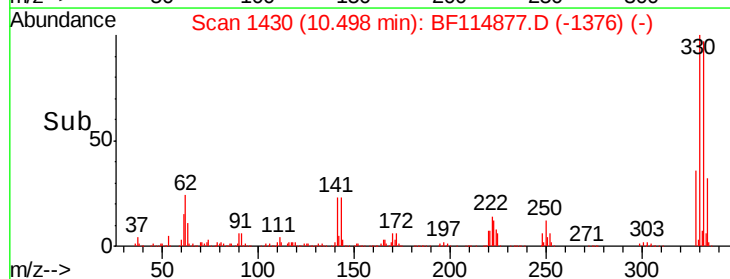
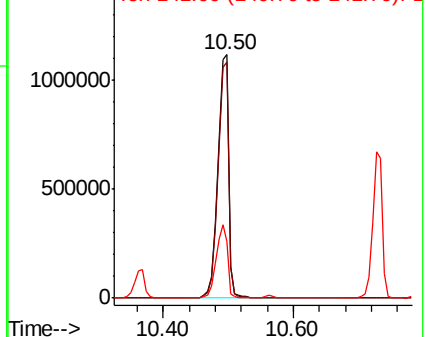
330 100

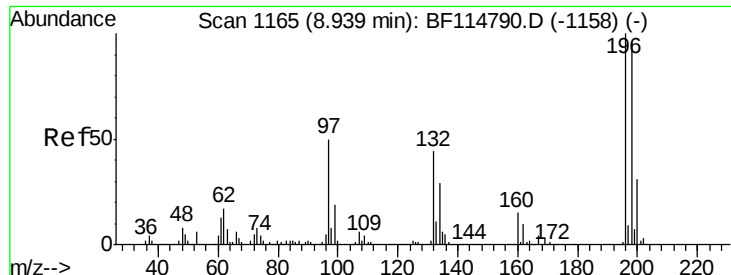
332 96.4 77.3 115.9

141 31.2 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





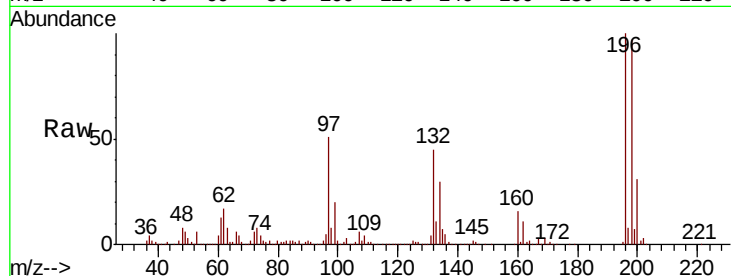
#43
 2,4,6-Trichlorophenol
 Concen: 49.137 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

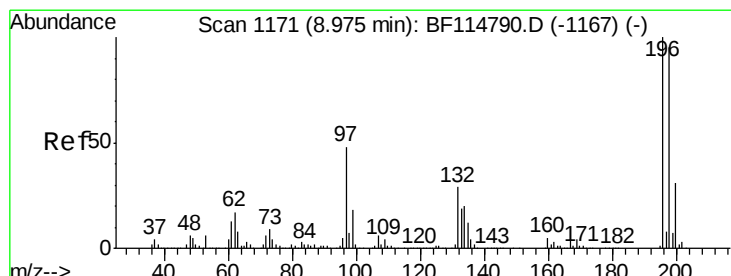
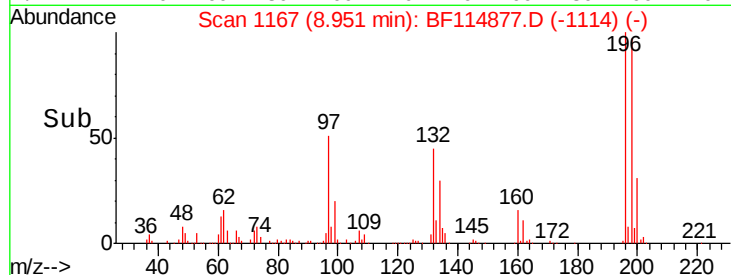
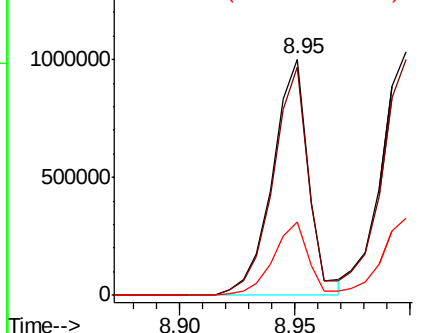
Tot Ion:196 Resp: 1084056
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 31.3 24.6 36.8

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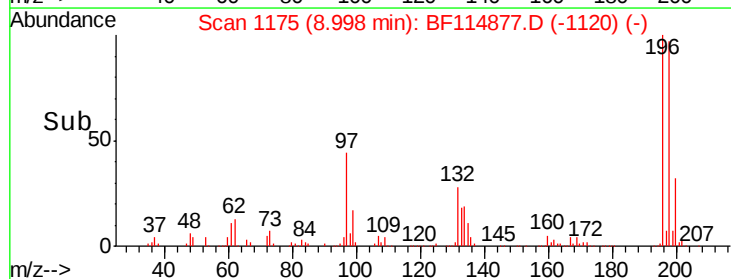
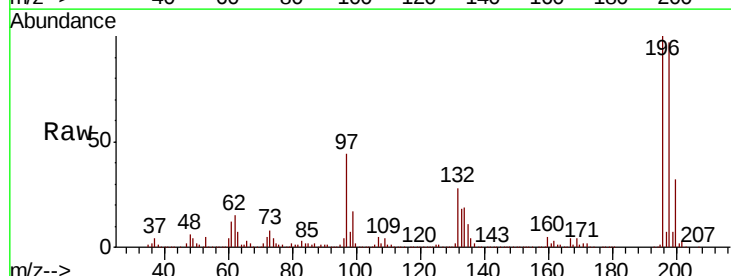
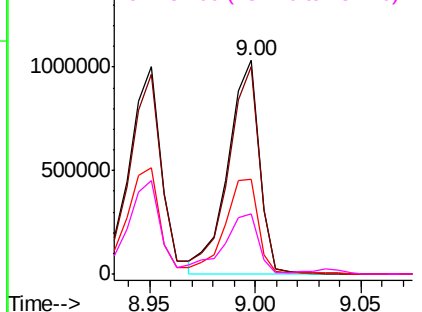
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

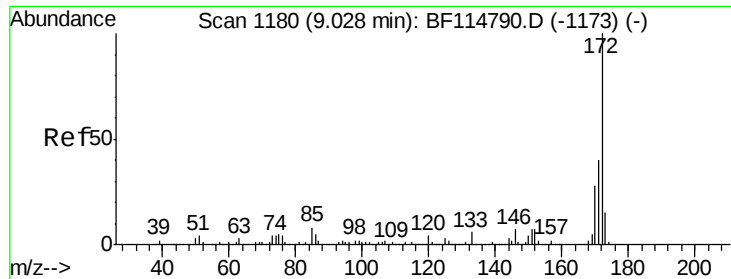


#44
 2,4,5-Trichlorophenol
 Concen: 47.656 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.02 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:196 Resp: 1058834
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 97 44.5 38.2 57.4
 132 28.4 23.7 35.5

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





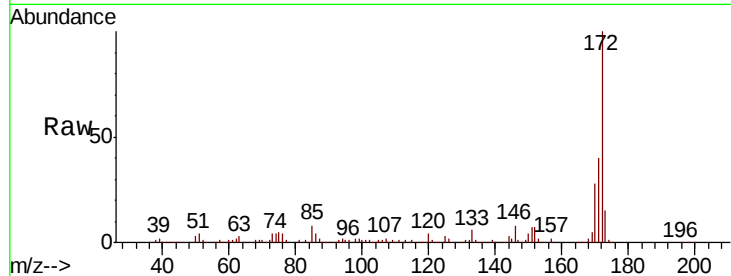
#45
2-Fluorobiphenyl
Concen: 94.808 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.3	48.5
170	28.0	22.4	33.6

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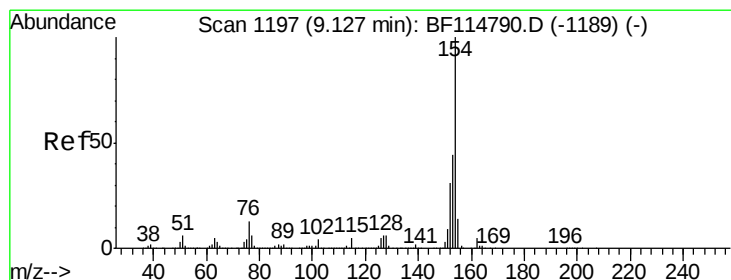
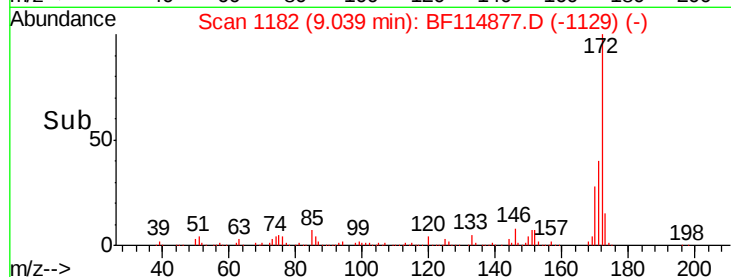
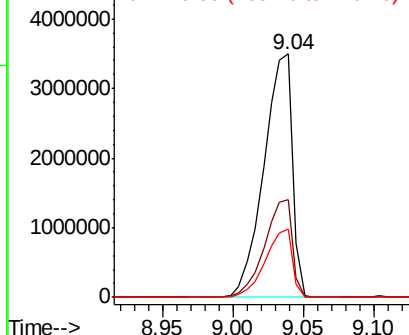


Abundance

Ion 172.00 (171.70 to 172.70): E

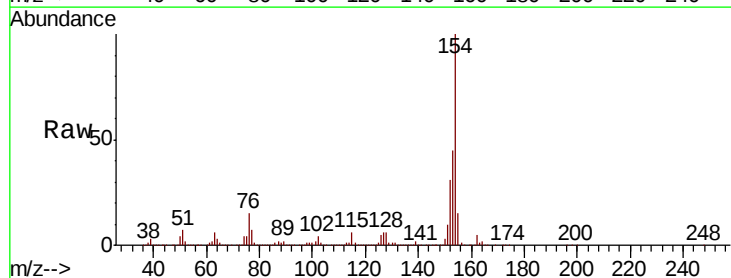
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.556 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	23.9	63.9
76	14.9	0.0	33.2

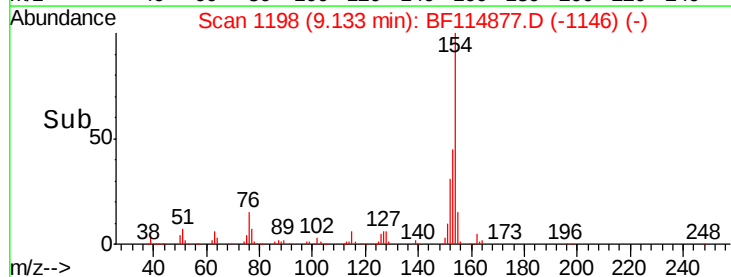
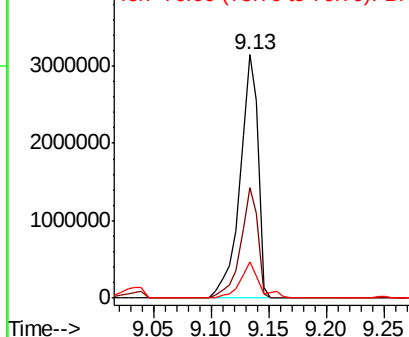


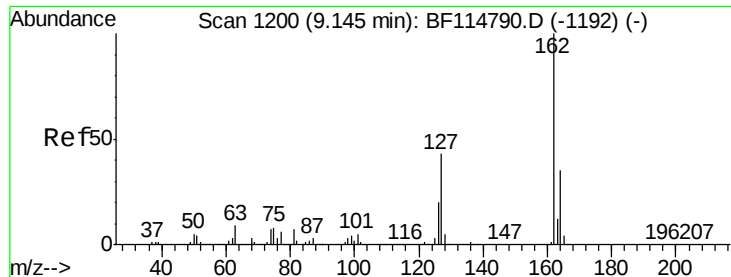
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





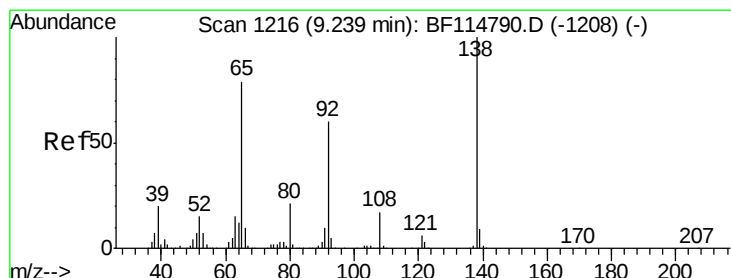
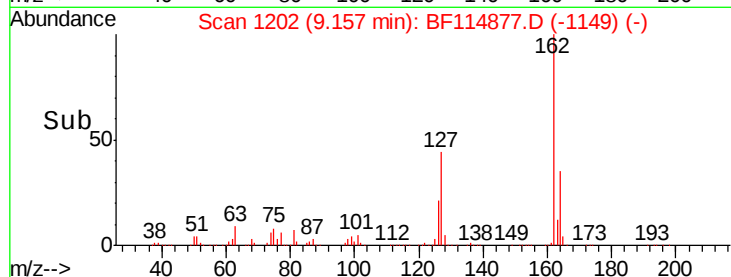
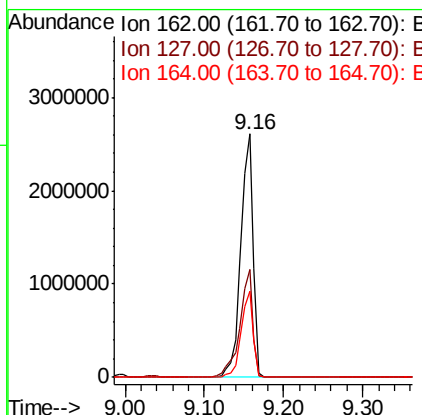
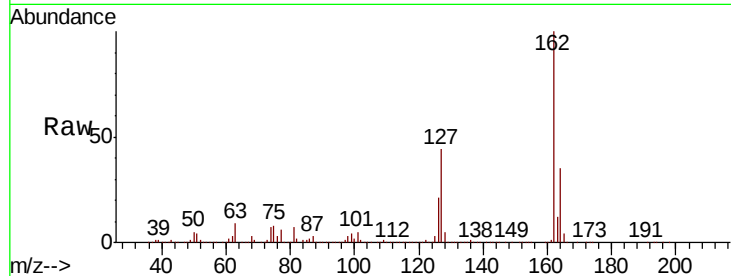
#47
 2-Chloronaphthalene
 Concen: 45.142 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.5	34.6	51.8
164	35.5	27.8	41.8

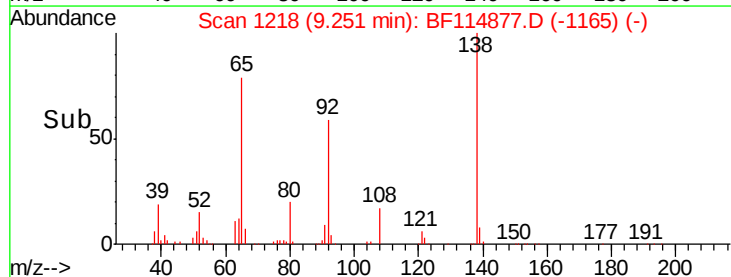
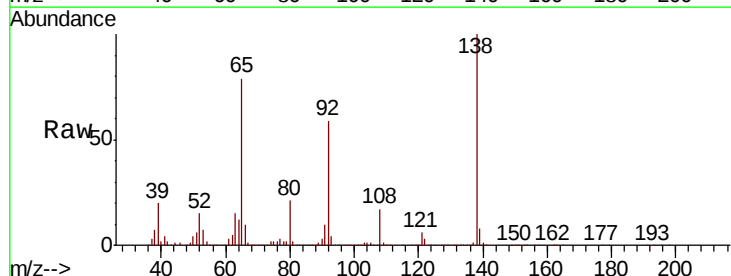
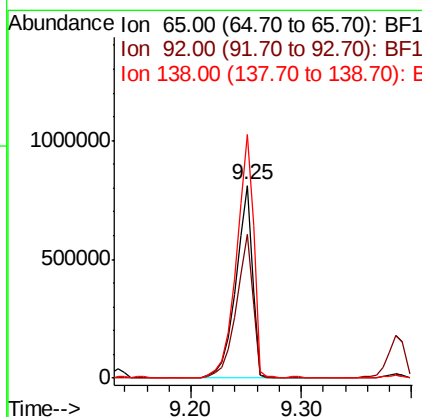
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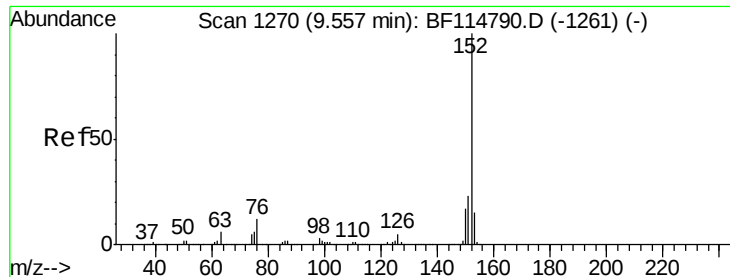
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#48
 2-Nitroaniline
 Concen: 46.423 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.4	90.6
138	126.4	101.2	151.8





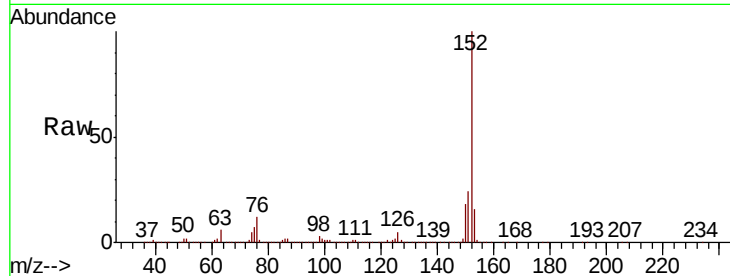
#49
Acenaphthylene
Concen: 44.495 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.1	18.3	27.5
153	16.1	12.3	18.5

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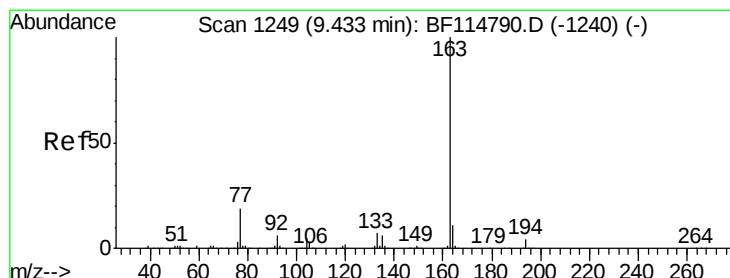
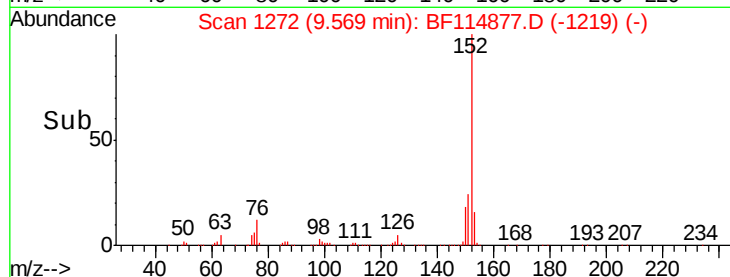
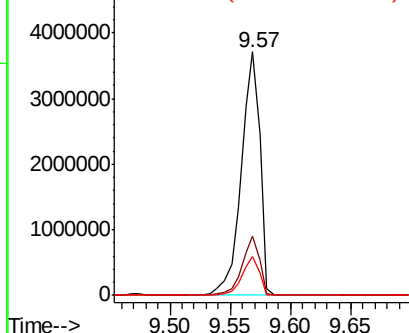


Abundance

Ion 152.00 (151.70 to 152.70): E

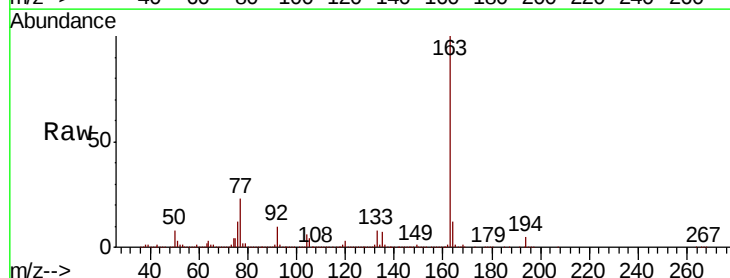
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 59.091 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.8	8.6	13.0

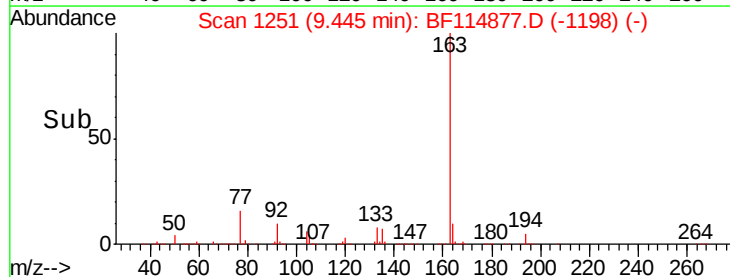
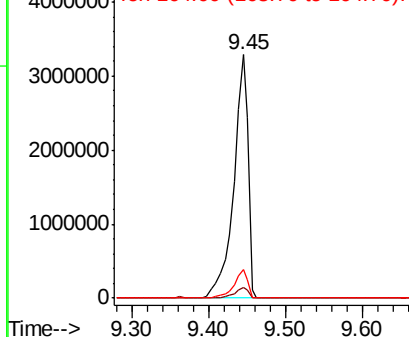


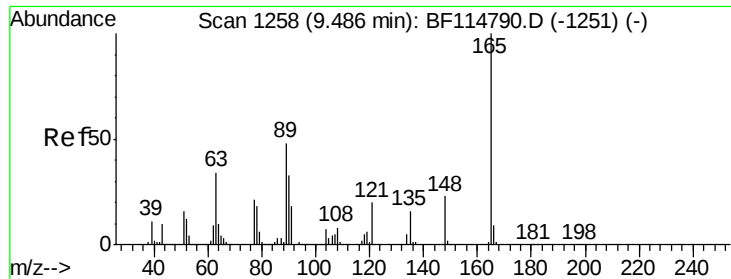
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.474 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

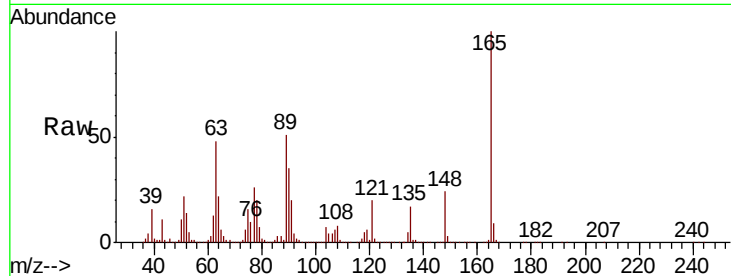
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	165	Resp:	819717
Ion Ratio	Lower	Upper	
165	100		
63	48.0	35.1	52.7
89	51.0	38.2	57.2

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

1200000

1000000

800000

600000

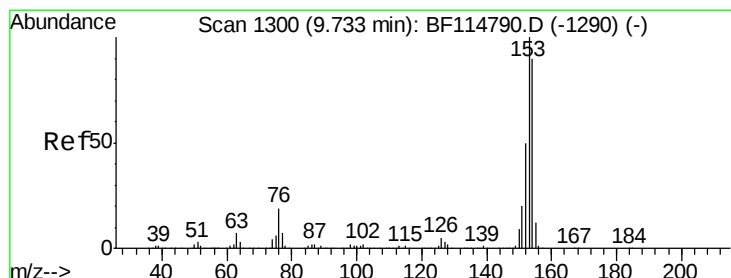
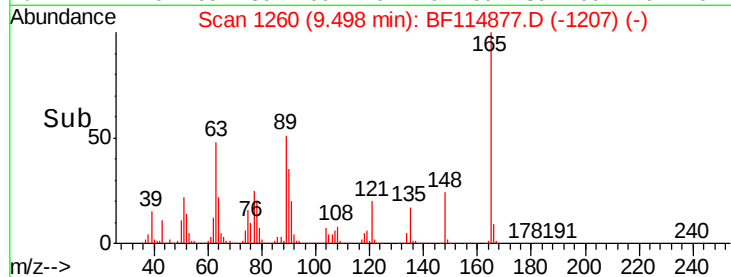
400000

200000

0

9.45 9.50 9.55

Time-->



#52

Acenaphthene

Concen: 42.502 ng

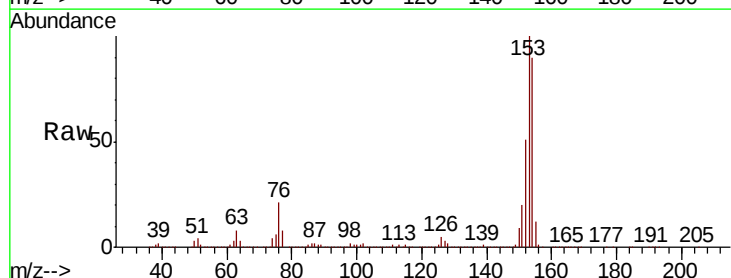
RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:	154	Resp:	2503326
Ion Ratio	Lower	Upper	
154	100		
153	110.5	88.5	132.7
152	56.3	44.1	66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

3000000

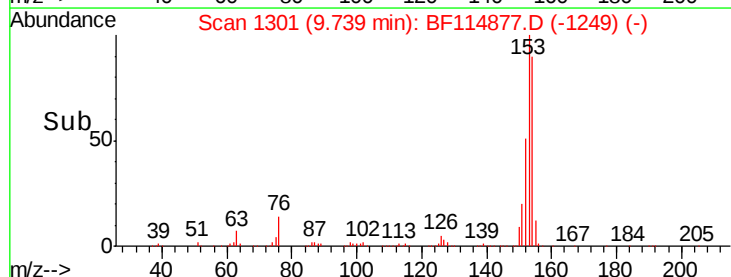
2000000

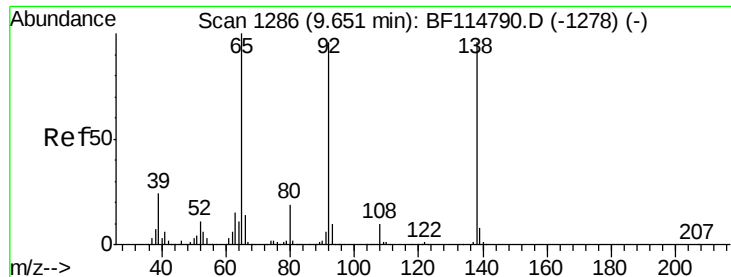
1000000

0

9.65 9.70 9.75

Time-->





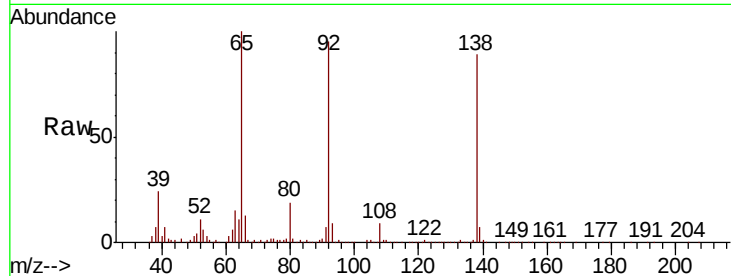
#53
3-Nitroaniline
Concen: 25.226 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

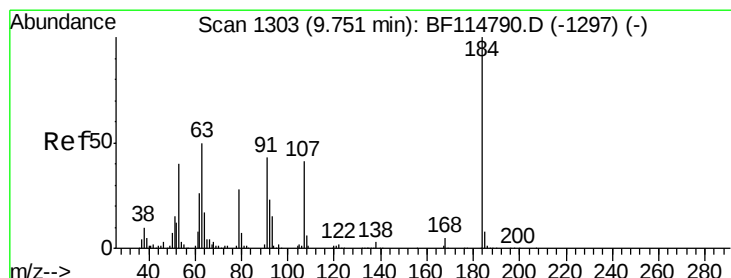
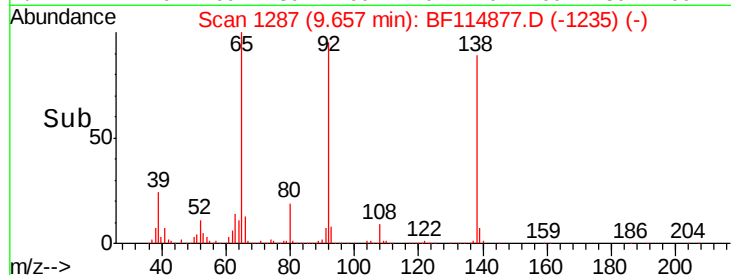
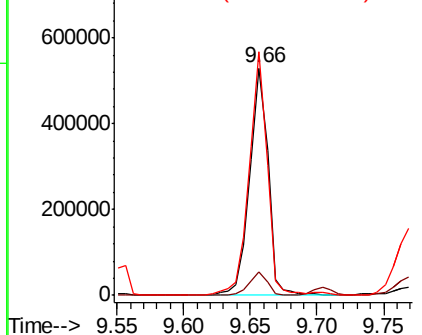
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	107.0	79.9	119.9

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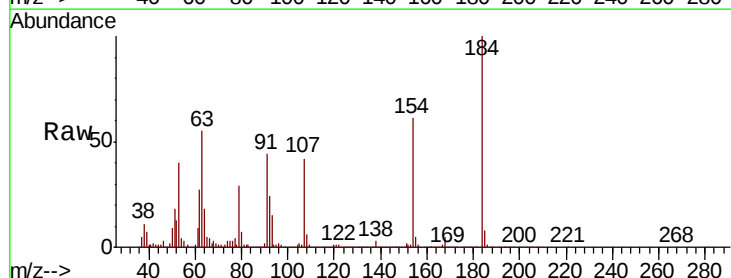


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

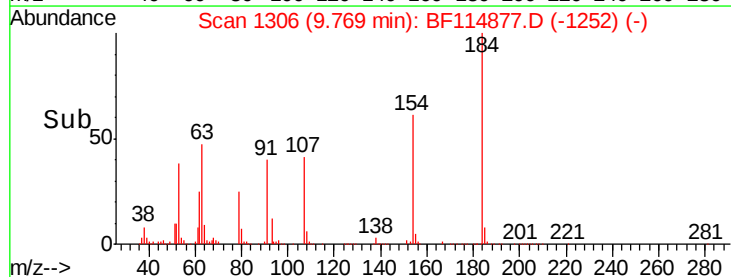
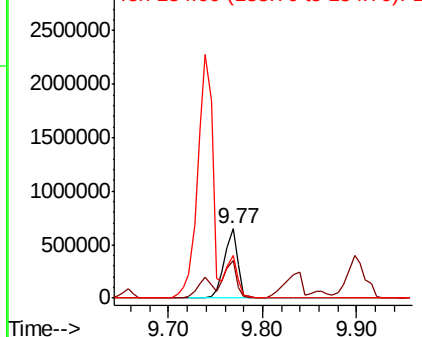


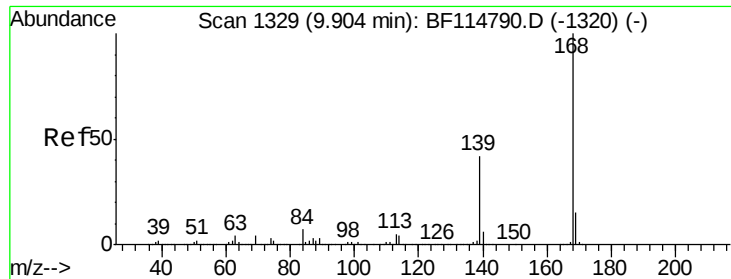
#54
2,4-Dinitrophenol
Concen: 85.927 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.8	44.1	66.1
154	61.0	48.1	72.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





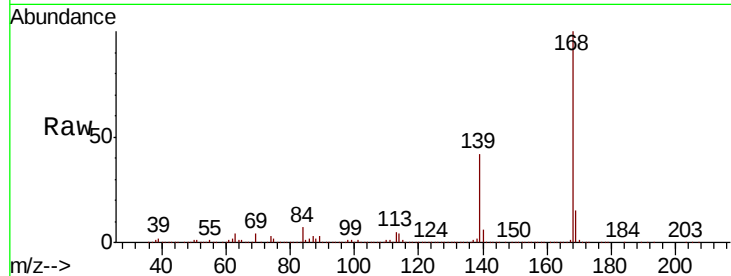
#55
Dibenzofuran
Concen: 42.143 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

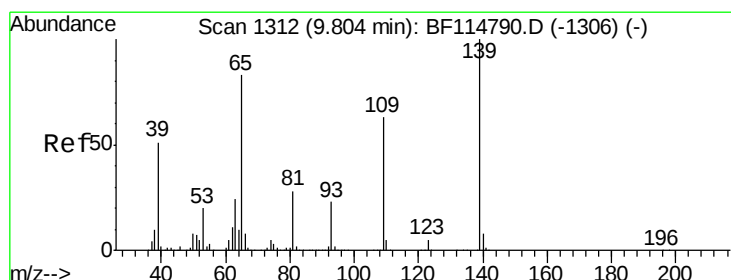
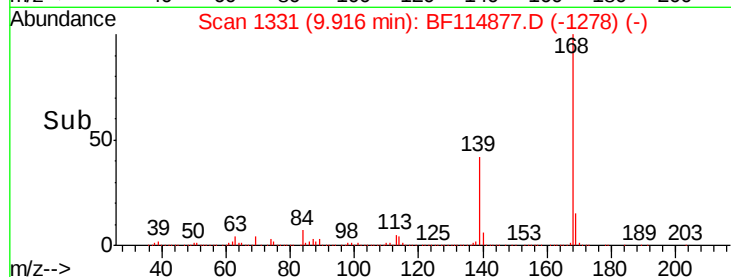
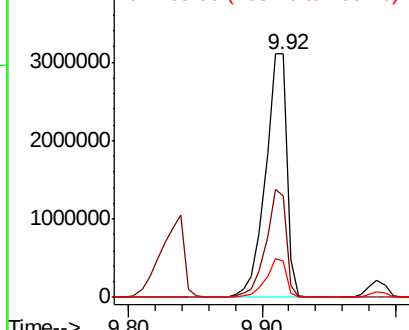
Tot Ion:168 Resp: 3451603
Ion Ratio Lower Upper
168 100
139 41.7 33.8 50.6
169 14.7 11.9 17.9

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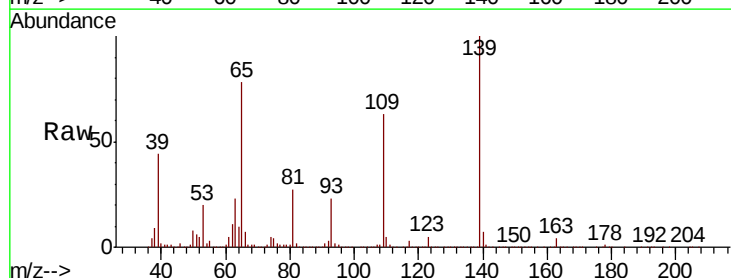


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

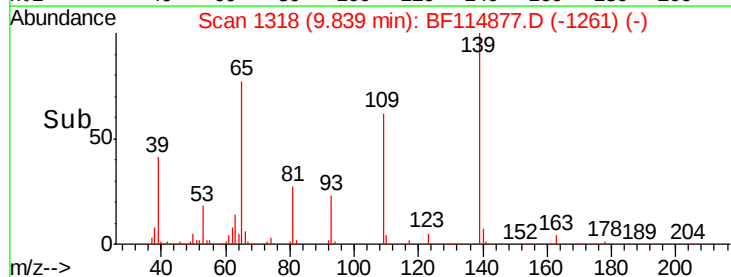
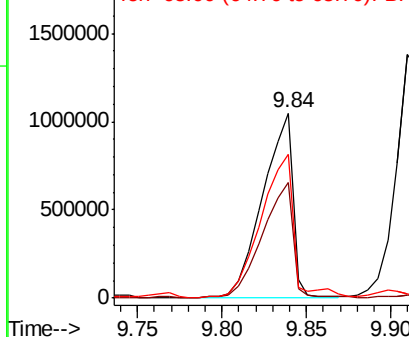


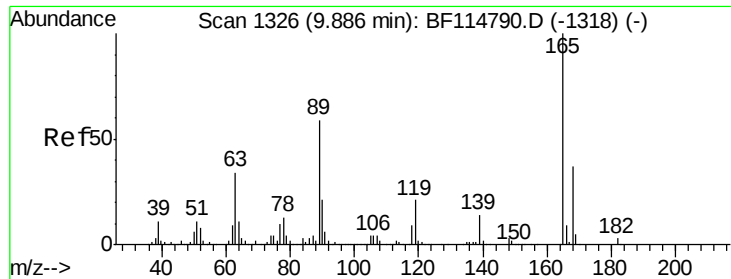
#56
4-Nitrophenol
Concen: 89.797 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.04 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:139 Resp: 1299841
Ion Ratio Lower Upper
139 100
109 62.6 43.5 83.5
65 77.8 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





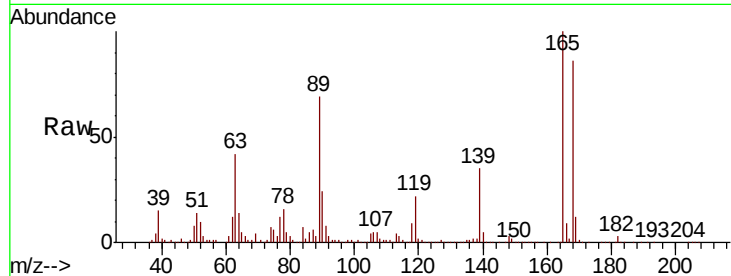
#57
2,4-Dinitrotoluene
Concen: 47.326 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	27.0	40.4#
89	68.7	47.0	70.6
182	2.8	2.2	3.2

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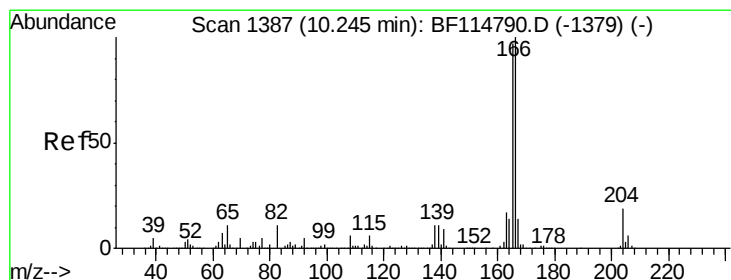
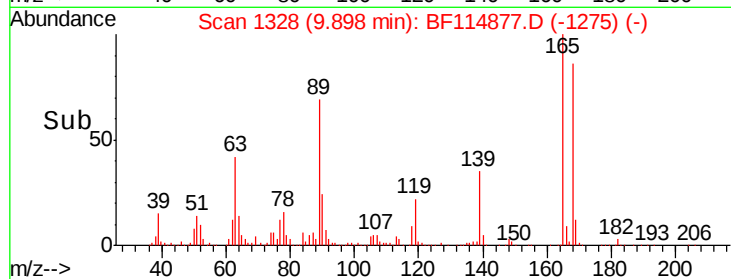
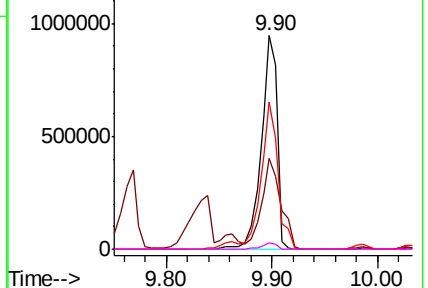
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

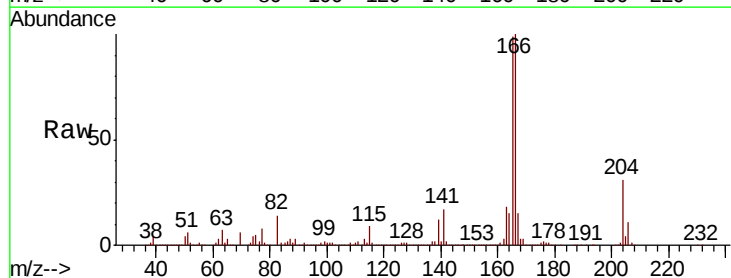
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.309 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.9	116.9
167	14.6	11.3	16.9

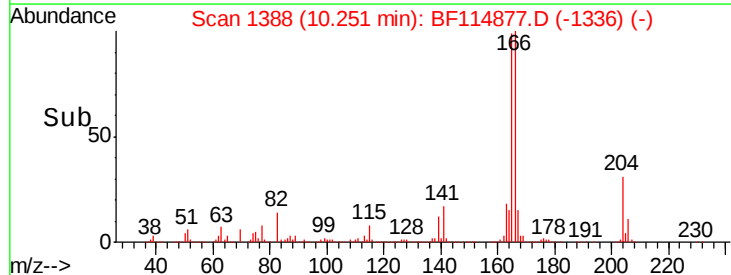
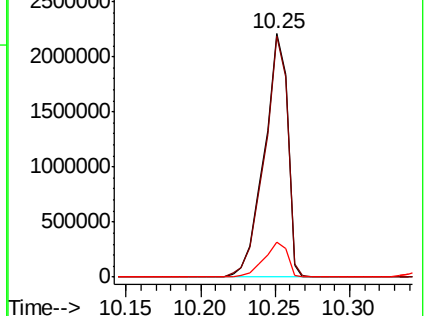


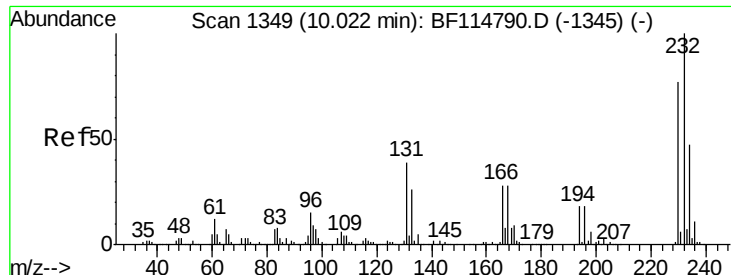
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





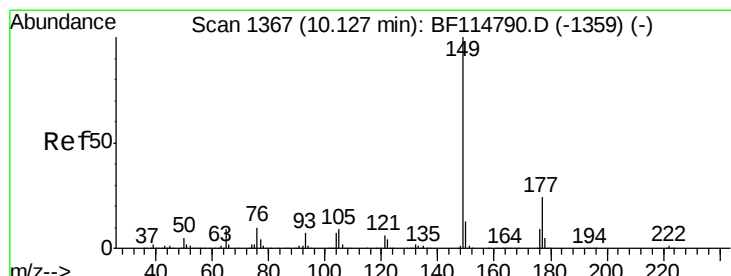
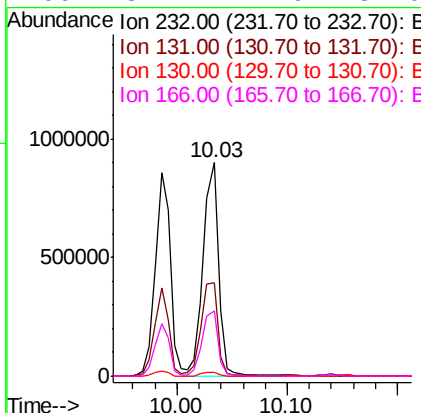
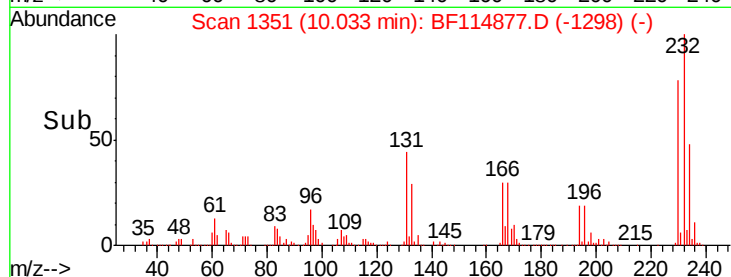
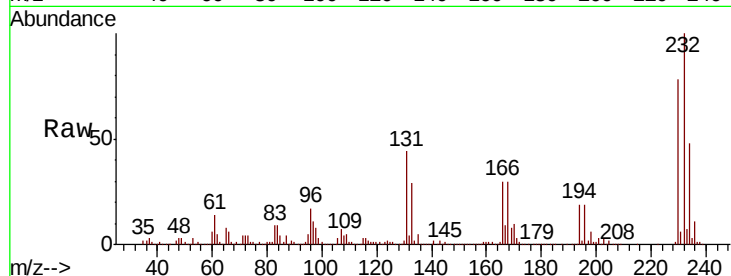
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.401 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion:	232	Resp:	844642
Ion Ratio	Lower	Upper	
232	100		
131	46.8	36.8	55.2
130	2.2	1.8	2.6
166	31.2	24.6	37.0

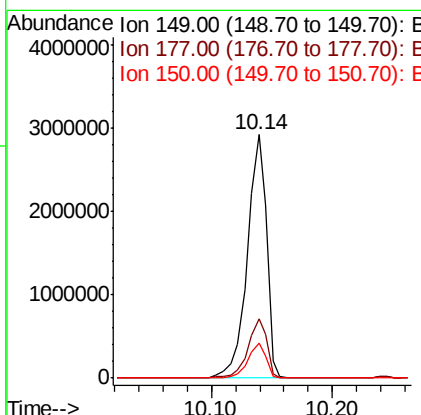
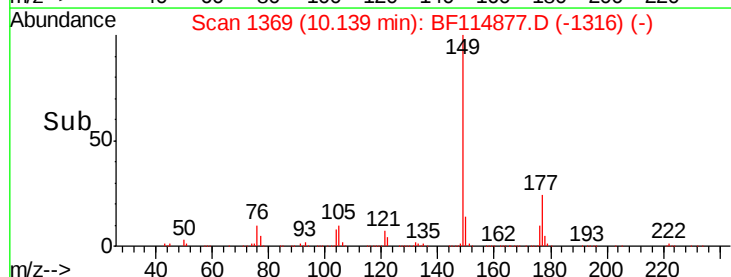
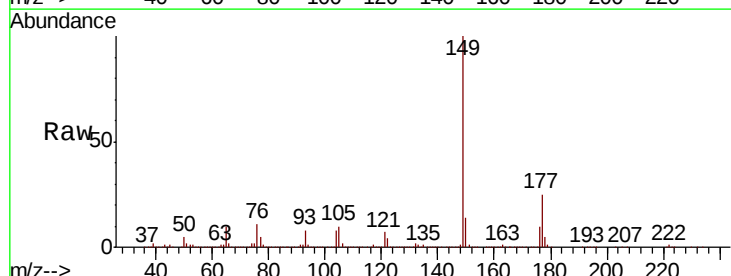
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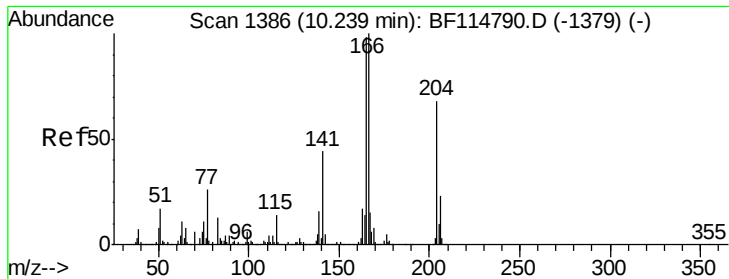
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#60
 Diethylphthalate
 Concen: 45.056 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:	149	Resp:	3250955
Ion Ratio	Lower	Upper	
149	100		
177	24.5	19.3	28.9
150	14.2	10.7	16.1





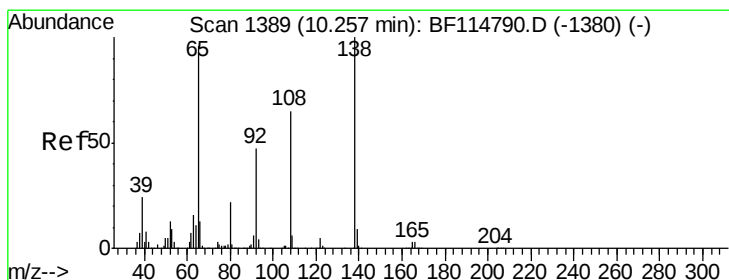
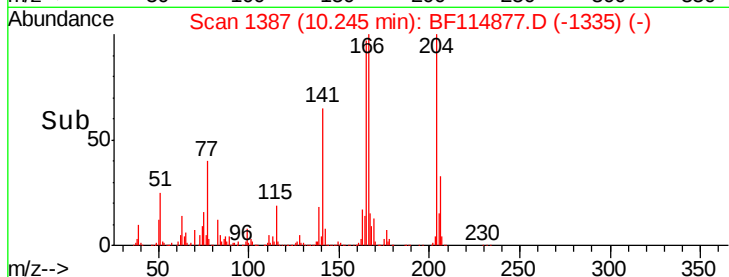
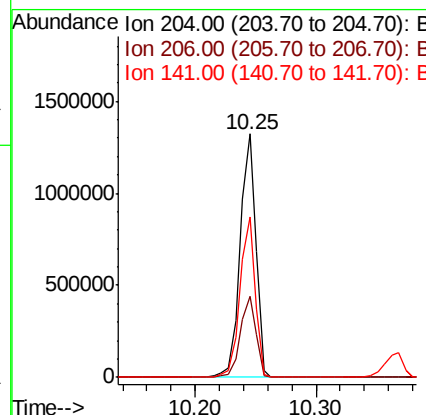
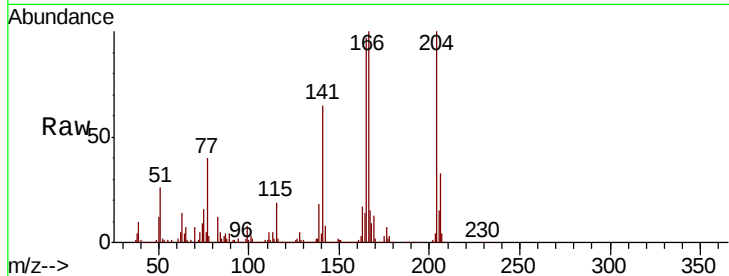
#61
4-Chlorophenyl-phenylether
Concen: 38.349 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	65.7	51.0	76.4

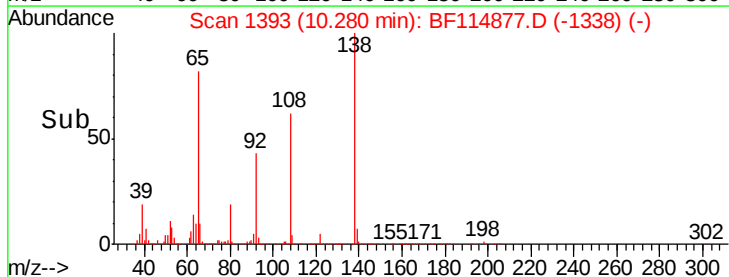
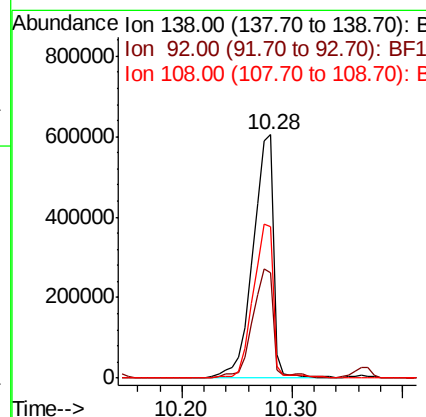
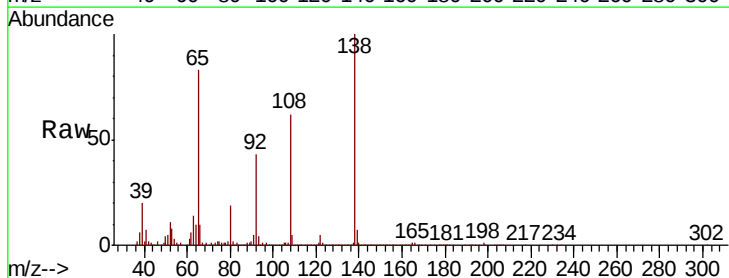
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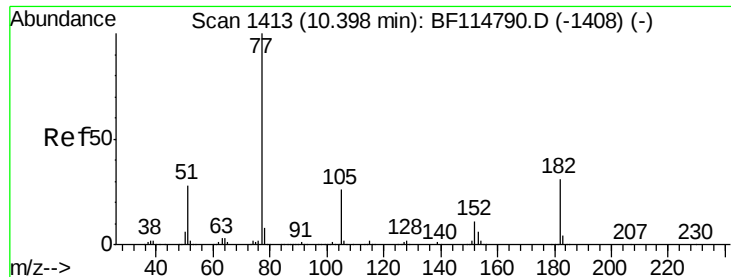
mohammad
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#62
4-Nitroaniline
Concen: 41.391 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.0	26.5	66.5
108	62.1	45.4	85.4





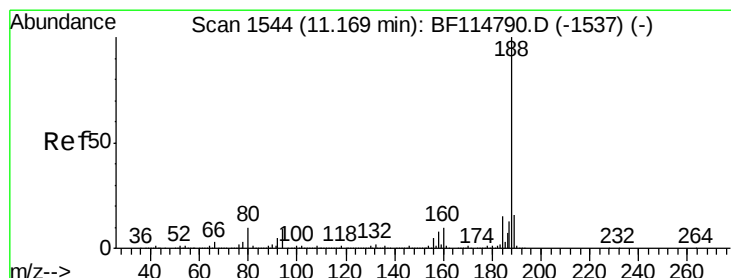
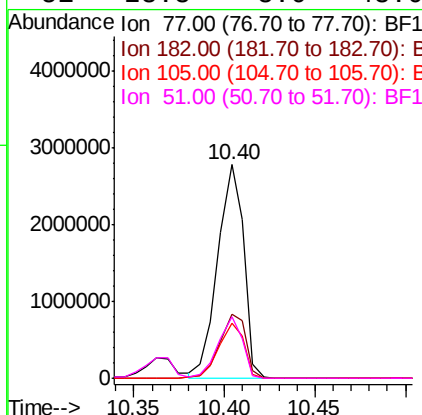
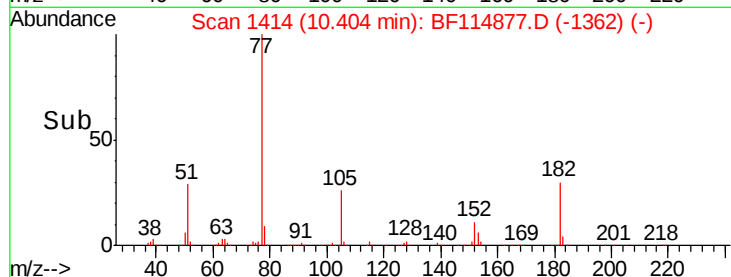
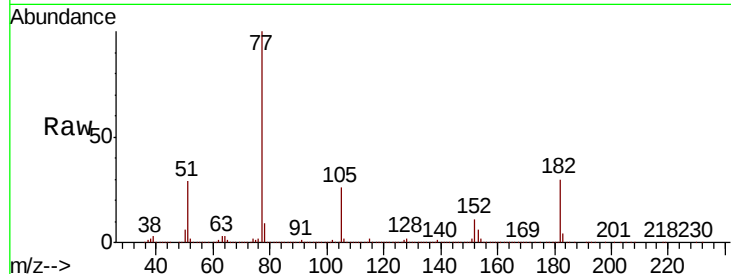
#63
Azobenzene
Concen: 45.003 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion: 77 Resp: 2764006
Ion Ratio Lower Upper
77 100
182 29.9 11.2 51.2
105 25.6 5.7 45.7
51 28.8 8.0 48.0

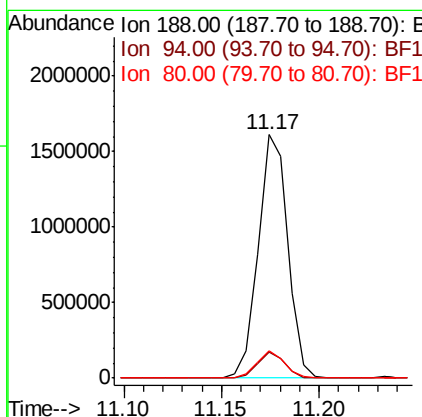
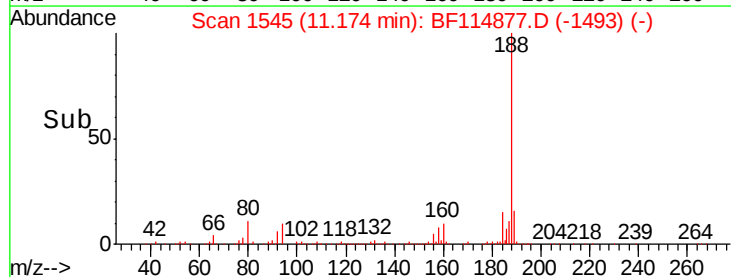
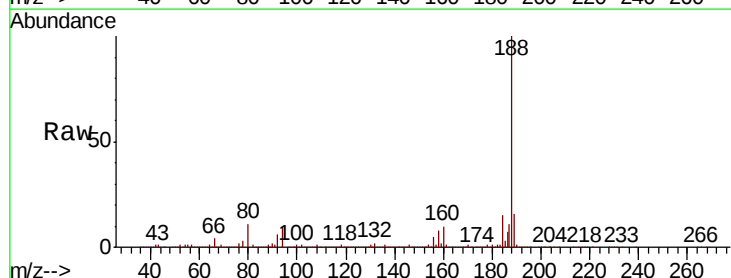
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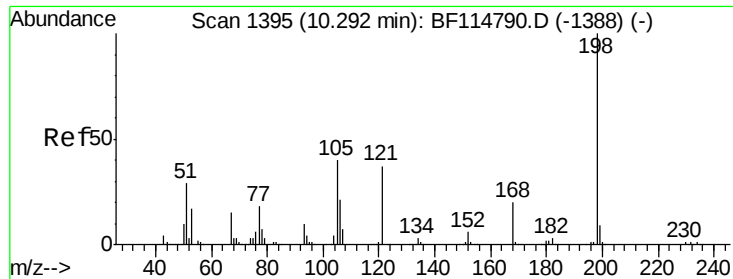
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 188 Resp: 1685861
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.2 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 46.745 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:198 Resp: 409356

Ion Ratio Lower Upper

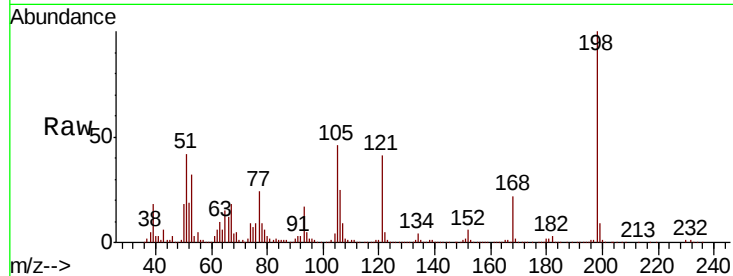
198 100

51 41.9 14.9 54.9

105 46.2 21.0 61.0

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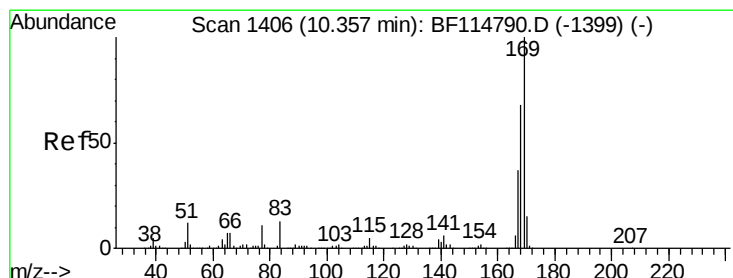
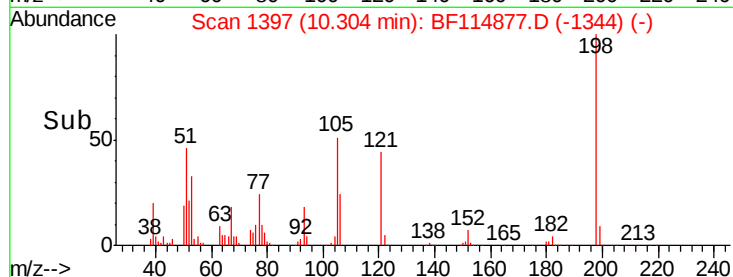
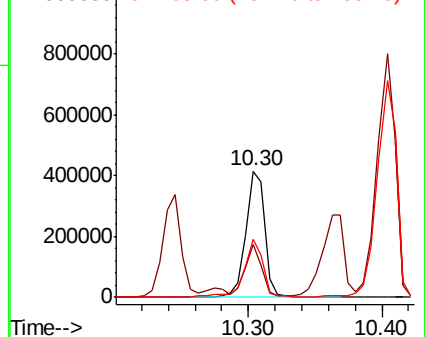
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.720 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

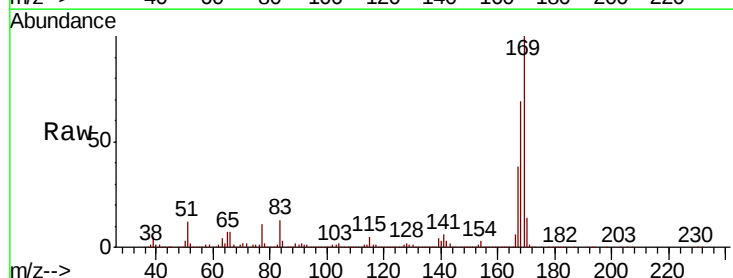
Tgt Ion:169 Resp: 2534602

Ion Ratio Lower Upper

169 100

168 69.1 54.3 81.5

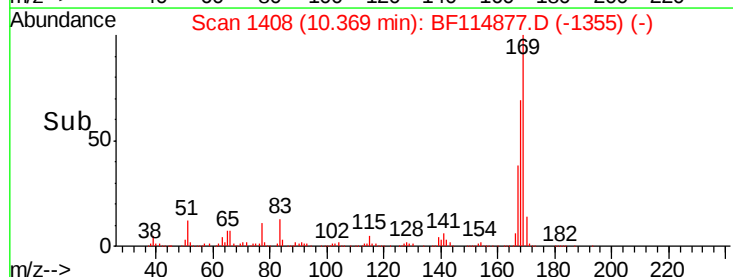
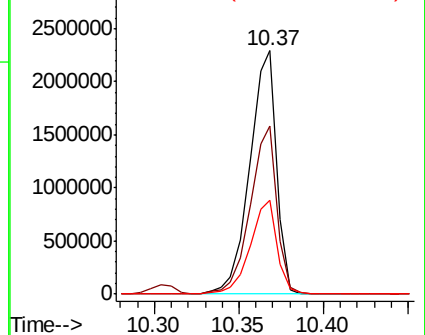
167 38.4 29.9 44.9

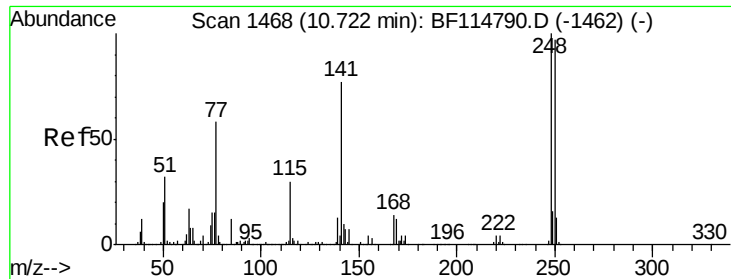


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.678 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

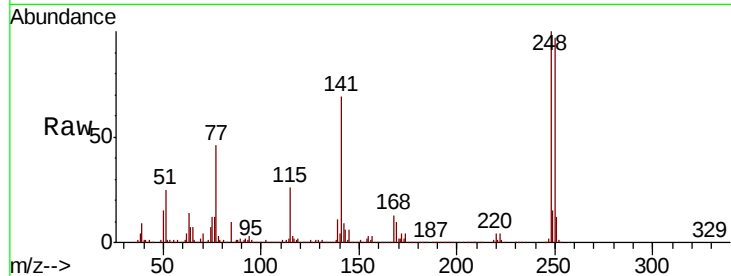
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	248	Resp:	893752
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.5	116.3
141	69.2	61.8	92.8

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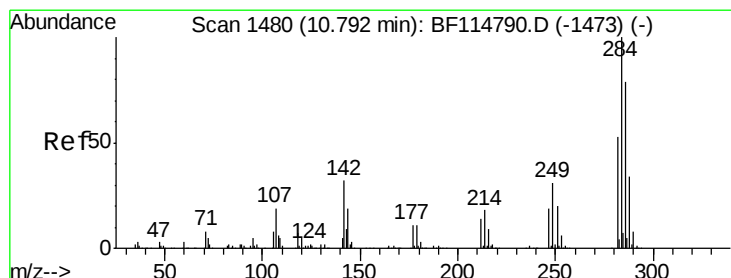
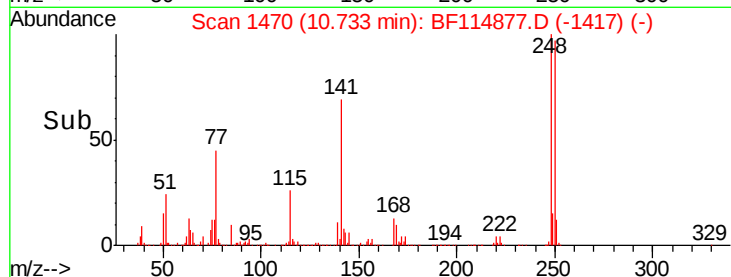
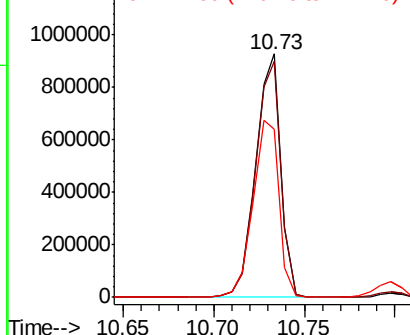


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.959 ng

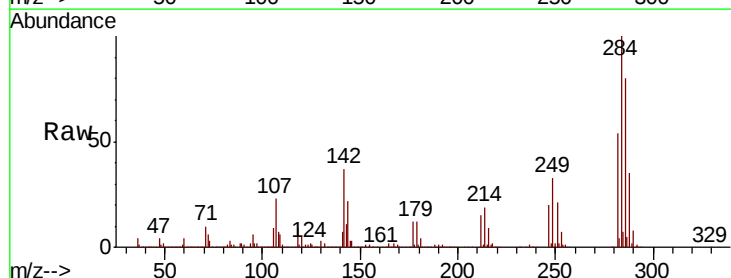
RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:	284	Resp:	942124
Ion Ratio	Lower	Upper	
284	100		
142	37.0	25.3	37.9
249	32.6	24.9	37.3

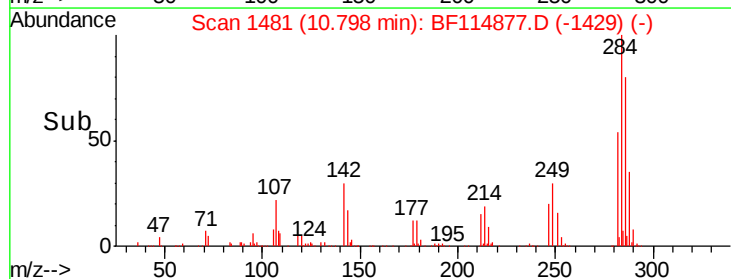
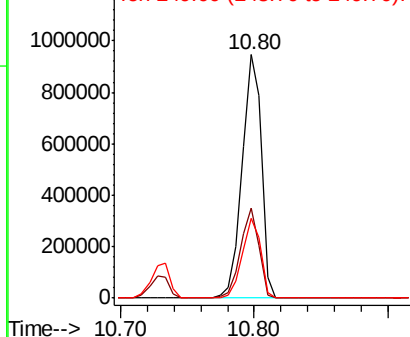


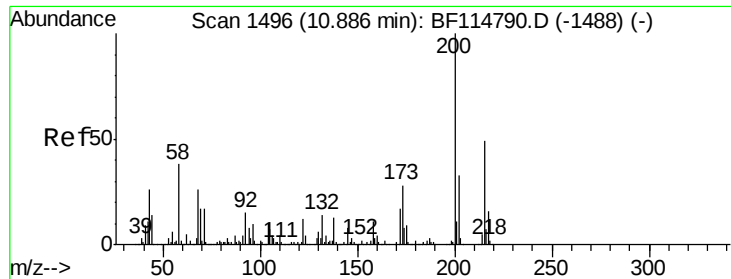
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





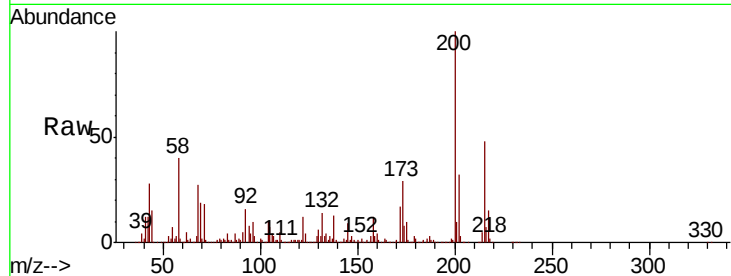
#69
Atrazine
Concen: 46.513 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.0	48.0
215	47.5	28.7	68.7

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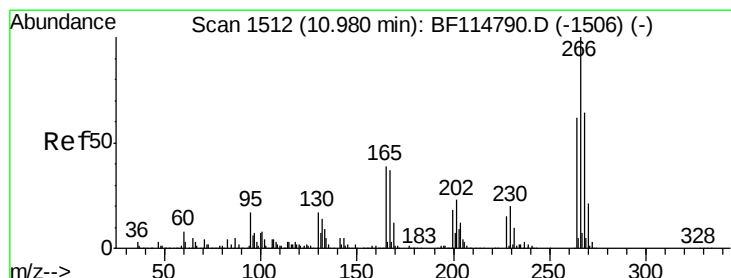
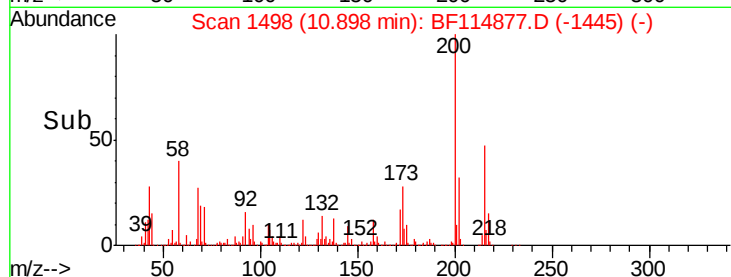
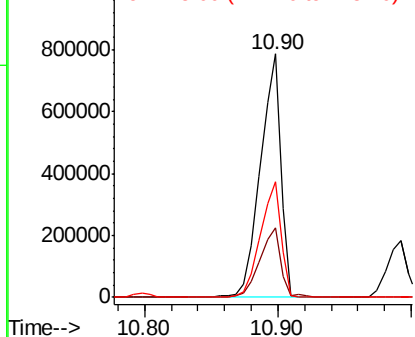


Abundance

Ion 200.00 (199.70 to 200.70): E

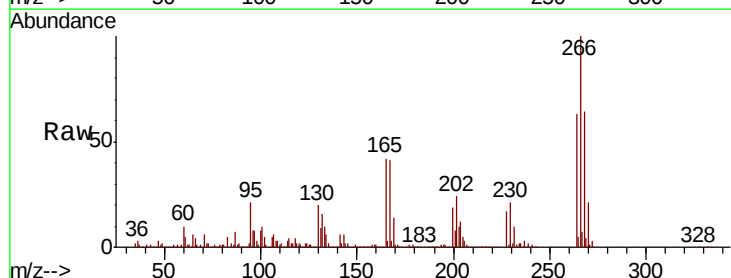
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.786 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	63.3	49.6	74.4

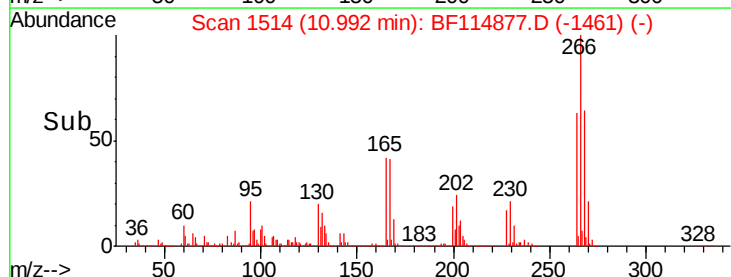
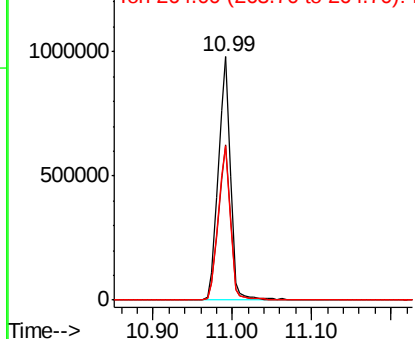


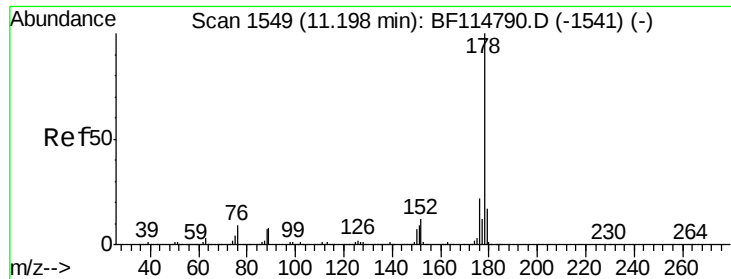
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





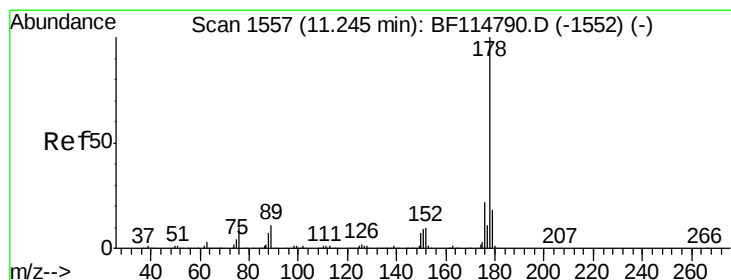
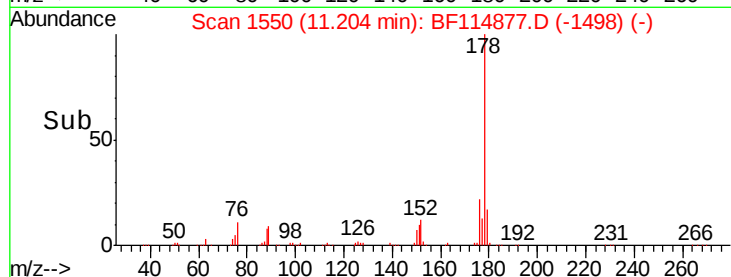
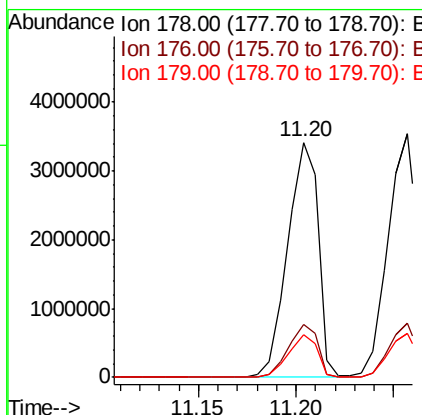
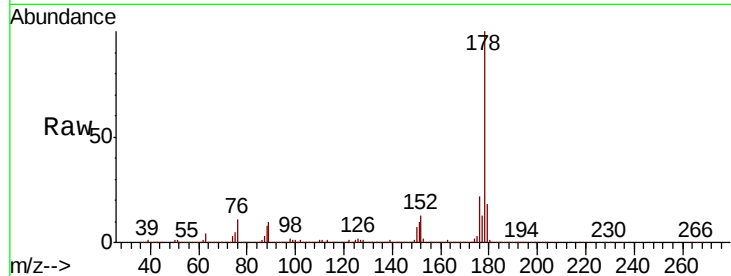
#71
Phenanthrene
Concen: 45.945 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion:178 Resp: 3697699
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 18.0 13.7 20.5

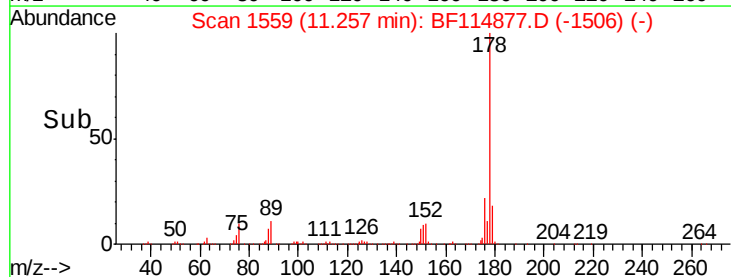
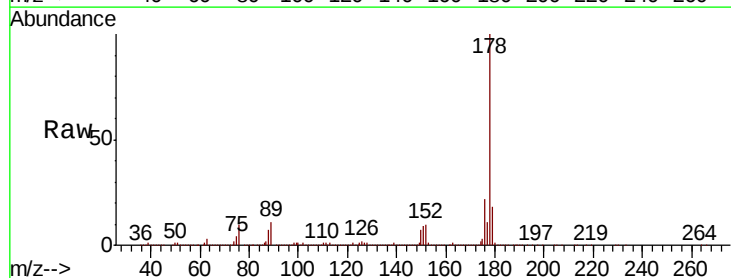
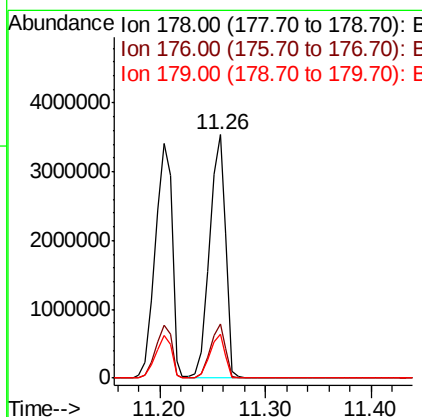
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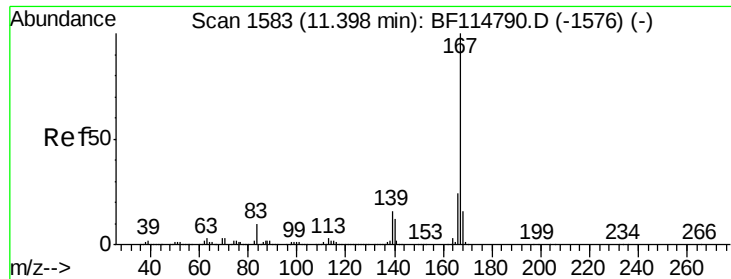
mohammad
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#72
Anthracene
Concen: 44.881 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:178 Resp: 3801307
Ion Ratio Lower Upper
178 100
176 22.1 17.4 26.0
179 18.1 14.2 21.4





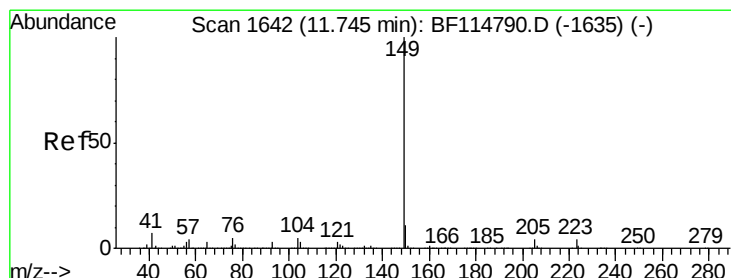
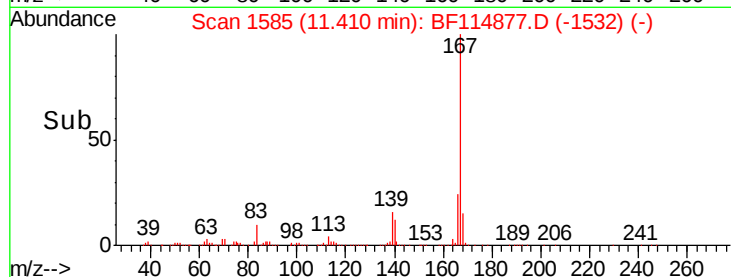
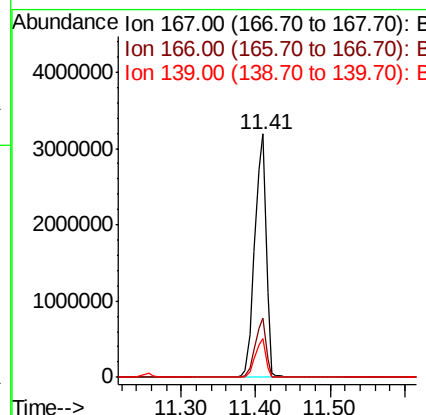
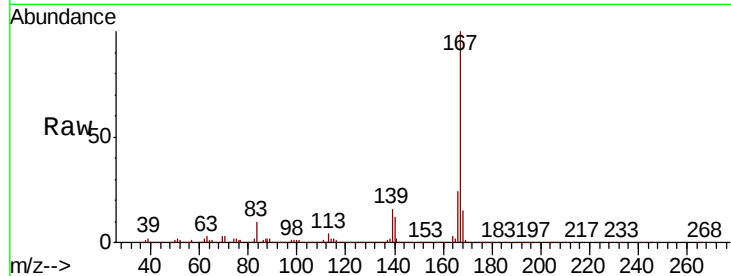
#73
 Carbazole
 Concen: 46.217 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion:167 Resp: 3355726
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.1 28.7
 139 15.9 12.4 18.6

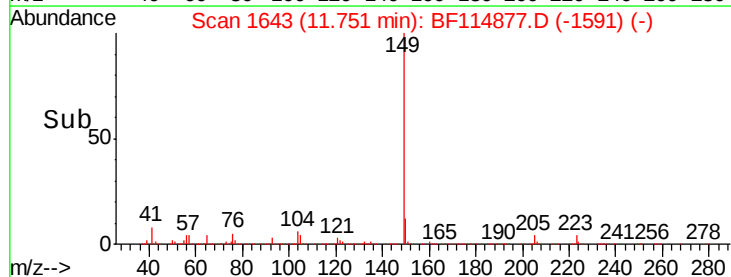
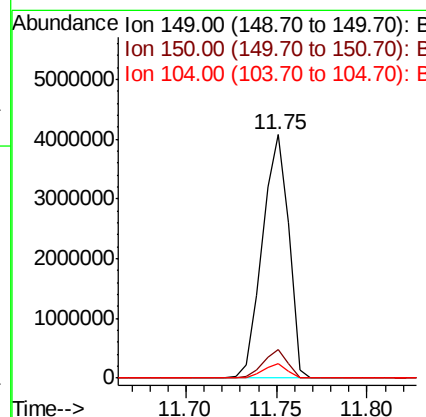
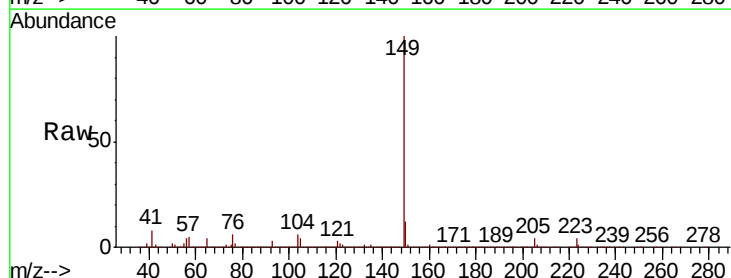
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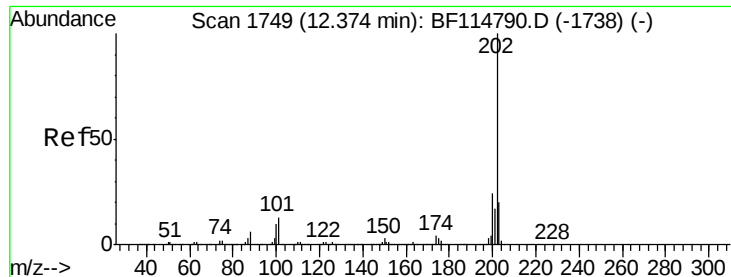
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#74
 Di-n-butylphthalate
 Concen: 43.170 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:149 Resp: 4122684
 Ion Ratio Lower Upper
 149 100
 150 11.7 8.9 13.3
 104 6.0 4.3 6.5





#75

Fluoranthene

Concen: 42.581 ng

RT: 12.39 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:202 Resp: 3566823

Ion Ratio Lower Upper

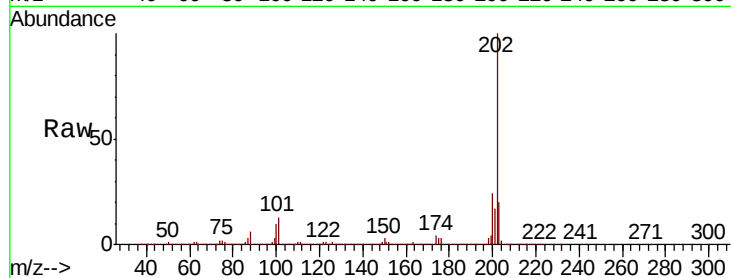
202 100

101 13.2 0.0 32.8

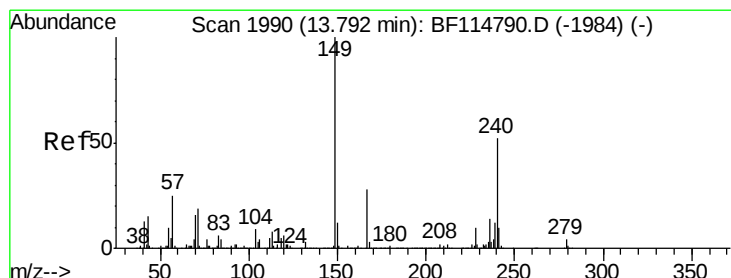
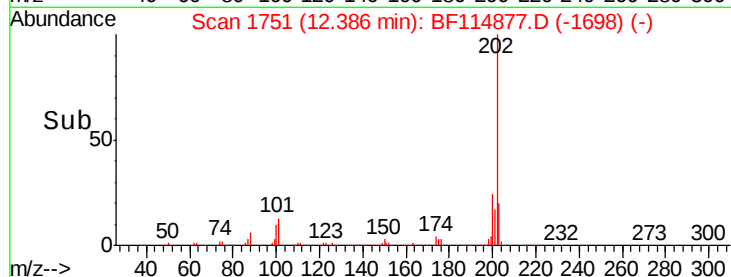
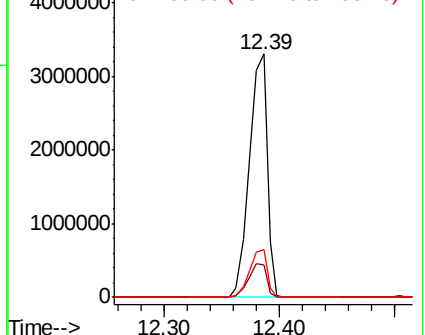
203 19.8 0.2 40.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

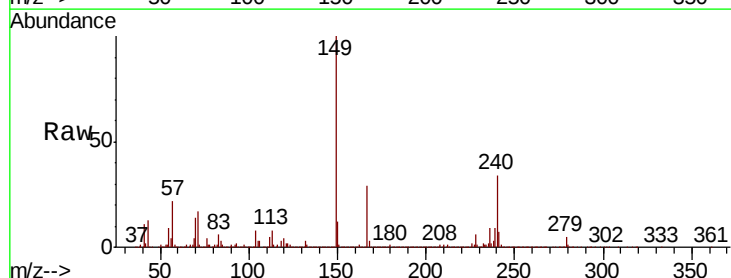
Tgt Ion:240 Resp: 729667

Ion Ratio Lower Upper

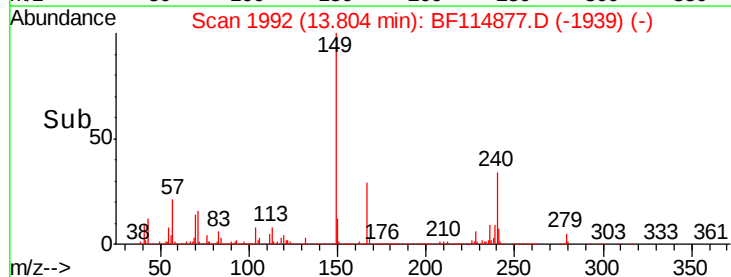
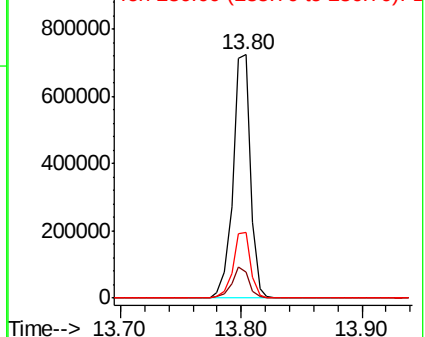
240 100

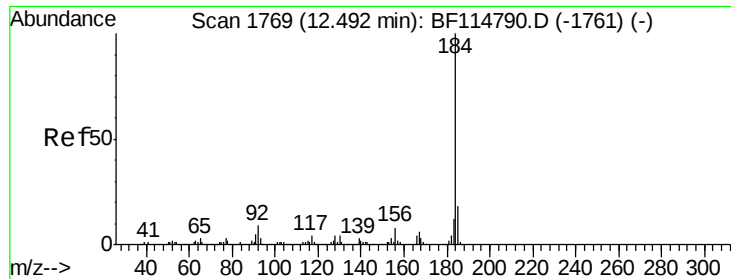
120 10.8 9.0 13.4

236 27.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.474 ng/mL

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

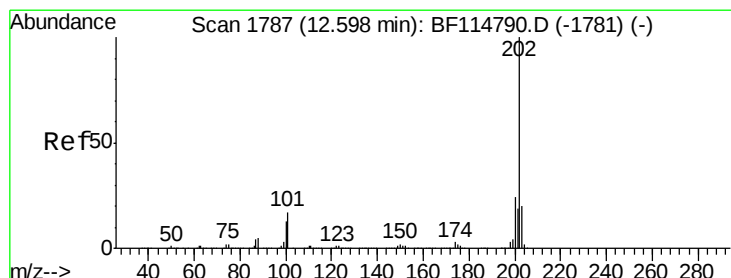
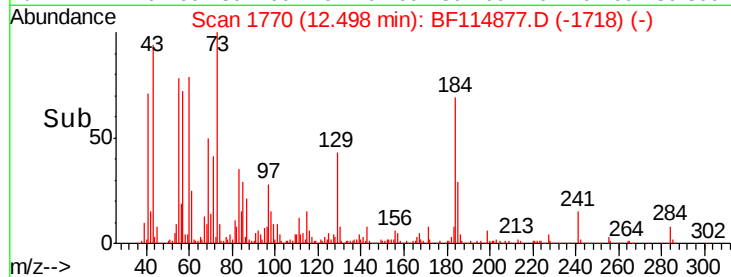
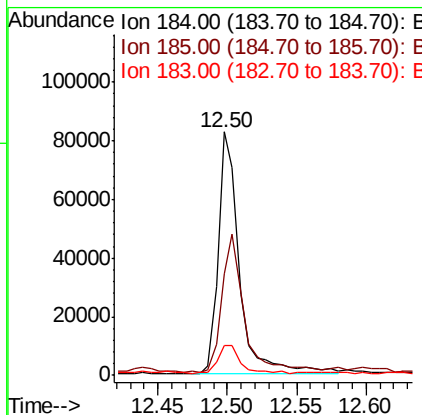
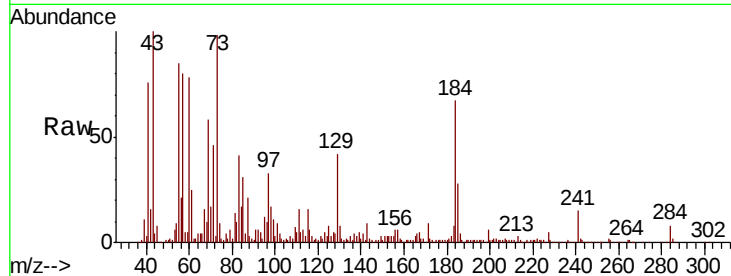
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	184	Resp:	89362
Ion Ratio	Lower	Upper	
184	100		
185	41.9	14.1	21.1#
183	12.3	9.9	14.9

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#78

Pyrene

Concen: 56.345 ng/mL

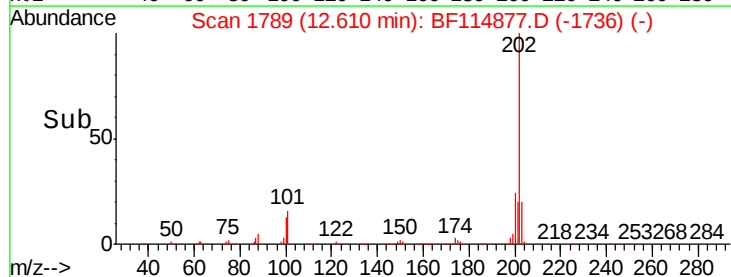
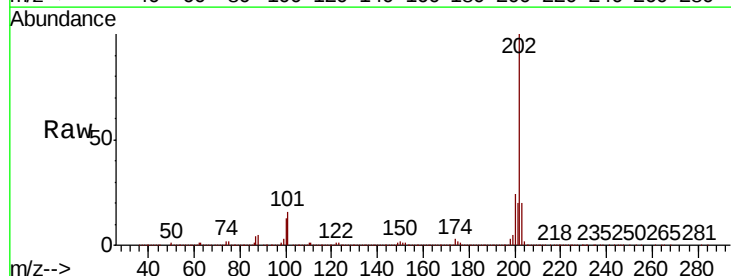
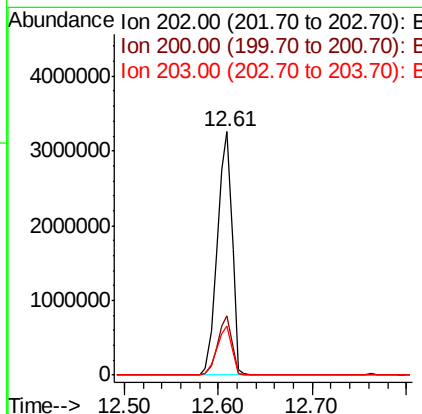
RT: 12.61 min Scan# 1789

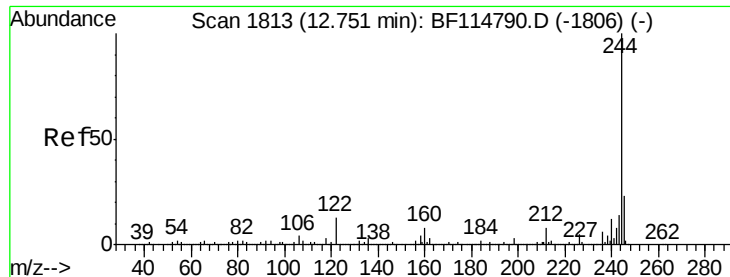
Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:	202	Resp:	3566571
Ion Ratio	Lower	Upper	
202	100		
200	24.4	19.2	28.8
203	20.1	15.9	23.9





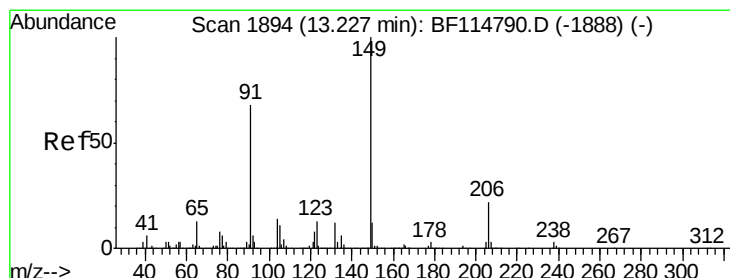
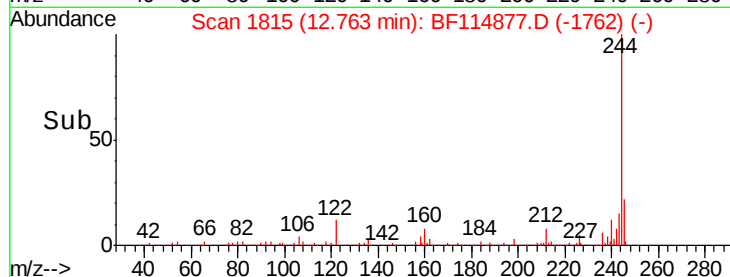
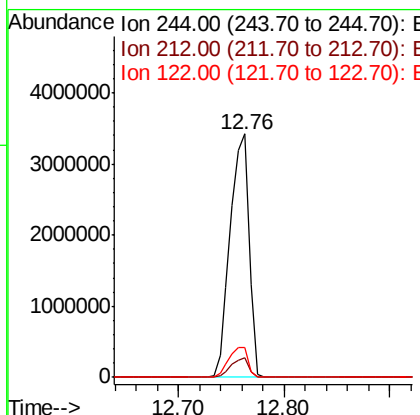
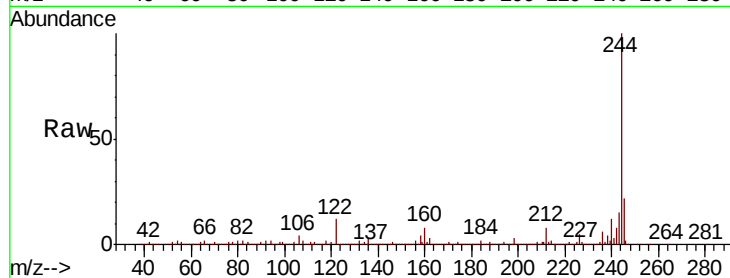
#79
 Terphenyl-d14
 Concen: 113.057 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.9	6.5	9.7	
122	12.4	10.5	15.7	

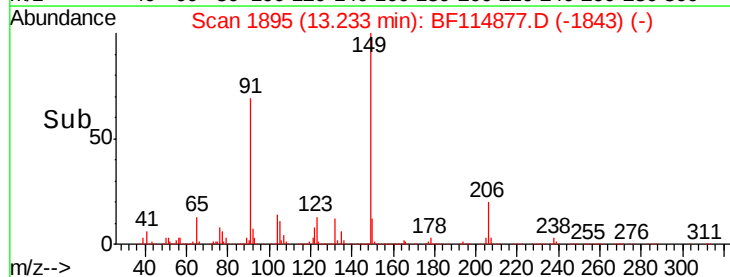
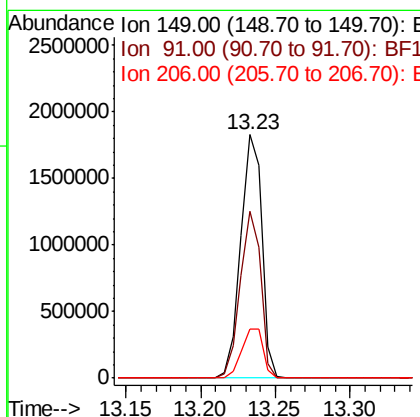
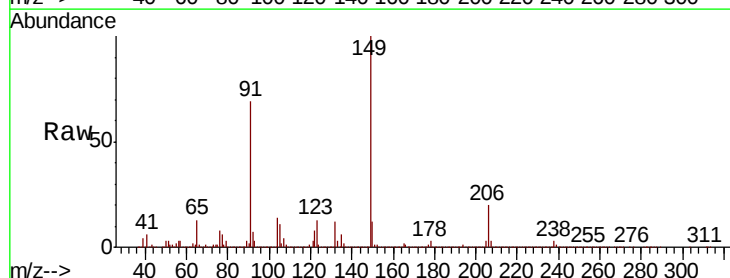
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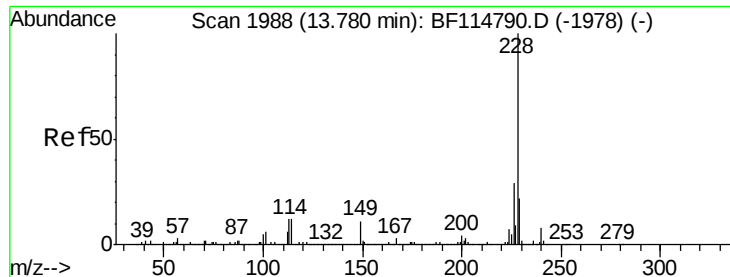
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#80
 Butylbenzylphthalate
 Concen: 56.204 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
91	68.6	54.6	82.0	
206	20.3	17.2	25.8	





#81

Benzo(a)anthracene

Concen: 48.366 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:228 Resp: 2719538

Ion Ratio Lower Upper

228 100

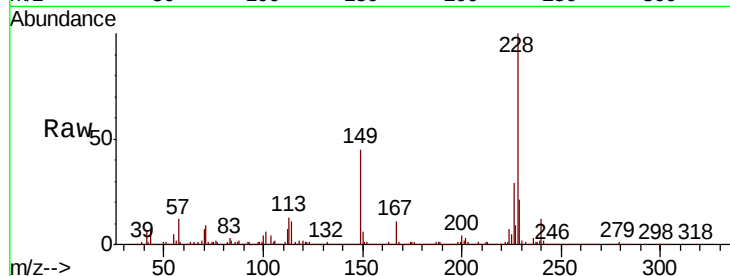
226 28.8 23.4 35.2

229 21.0 17.4 26.0

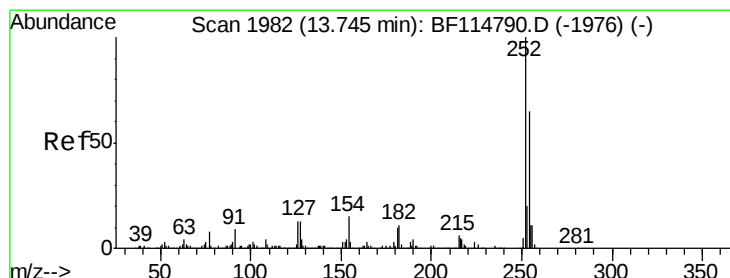
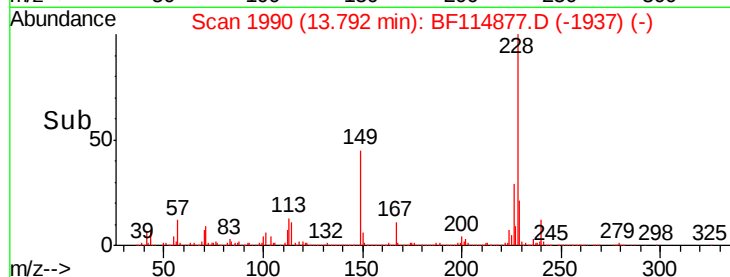
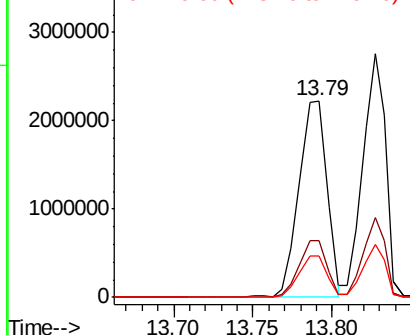
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.464 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

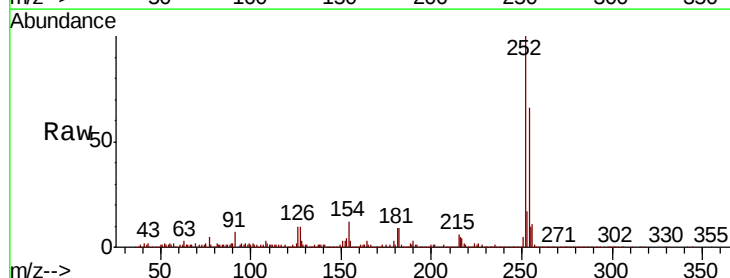
Tgt Ion:252 Resp: 648985

Ion Ratio Lower Upper

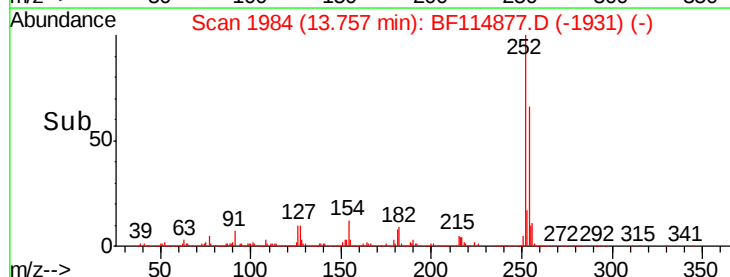
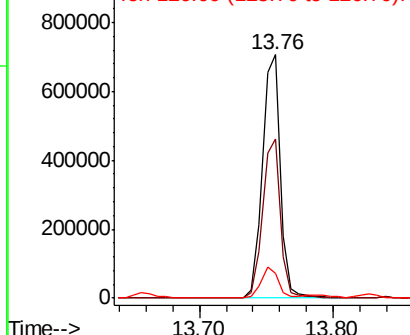
252 100

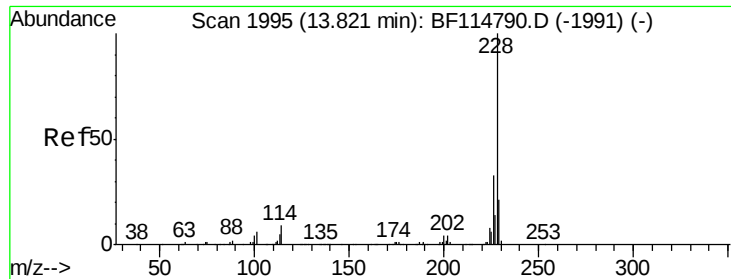
254 65.6 51.9 77.9

126 10.3 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





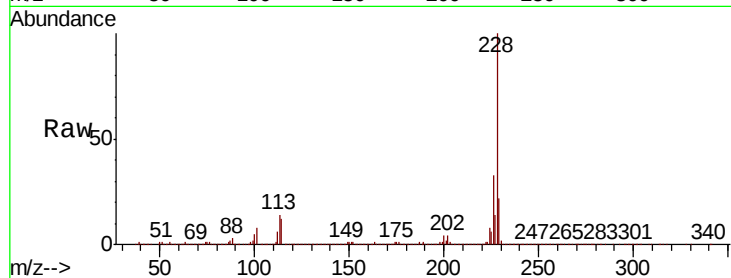
#83
Chrysene
Concen: 50.732 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.0	39.0
229	21.6	17.1	25.7

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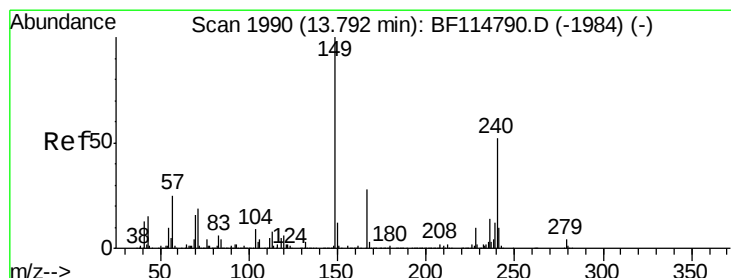
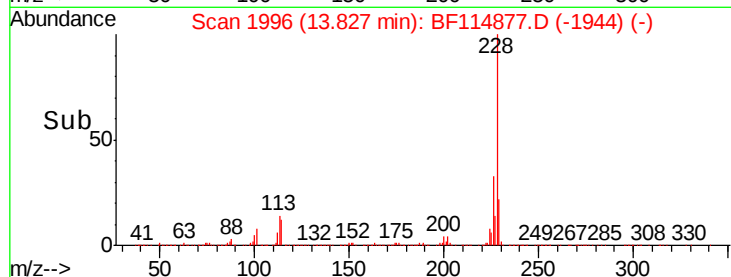
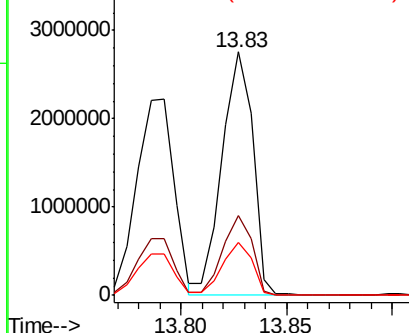


Abundance

Ion 228.00 (227.70 to 228.70): E

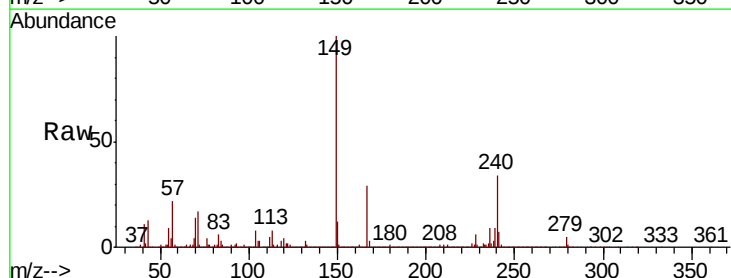
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.097 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.7	34.1
279	4.7	3.1	4.7#

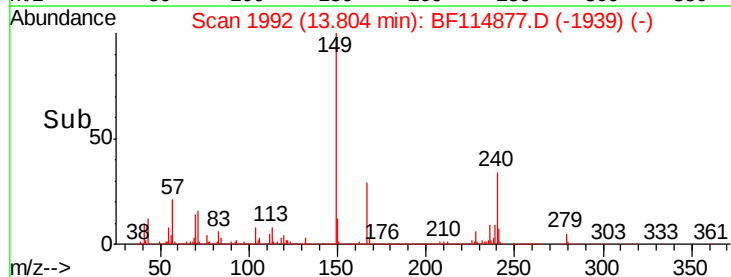
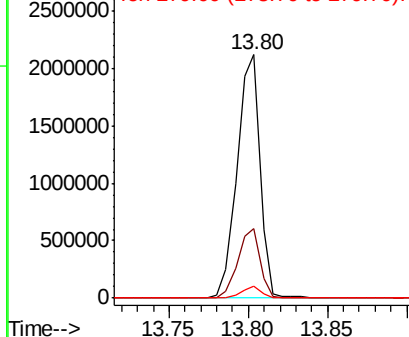


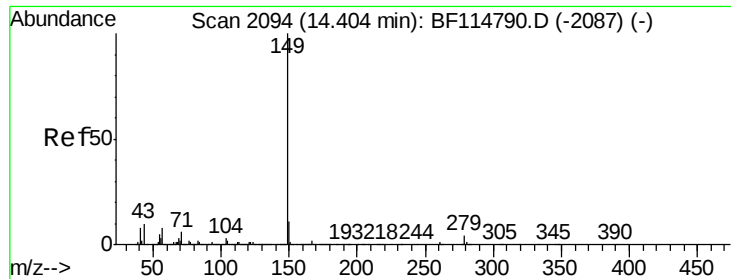
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





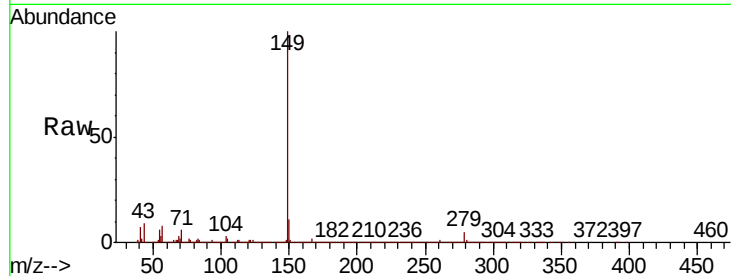
#85
Di-n-octyl phthalate
Concen: 52.029 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

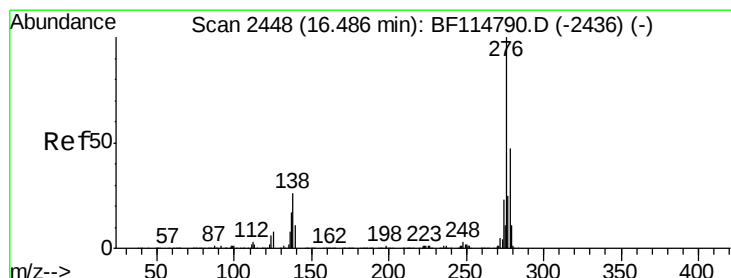
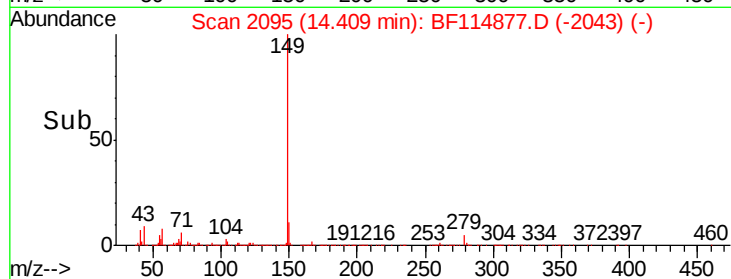
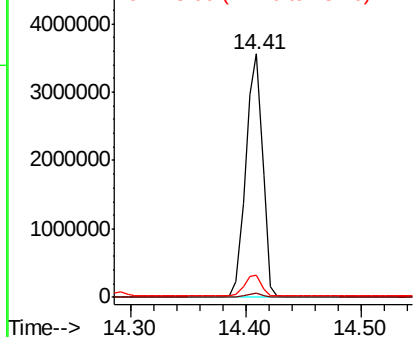
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.6	7.0	10.6

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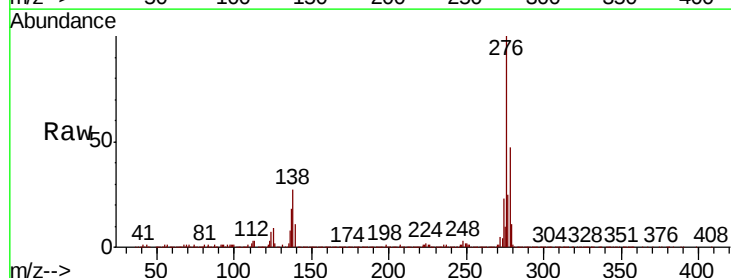


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

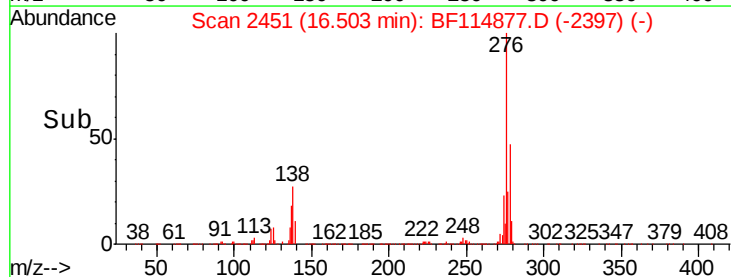
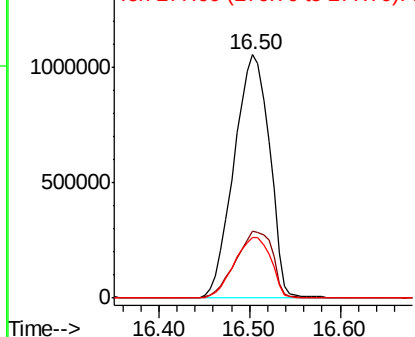


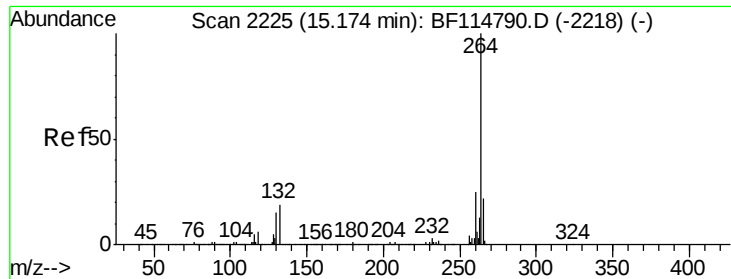
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.046 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.2	33.4
277	25.7	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





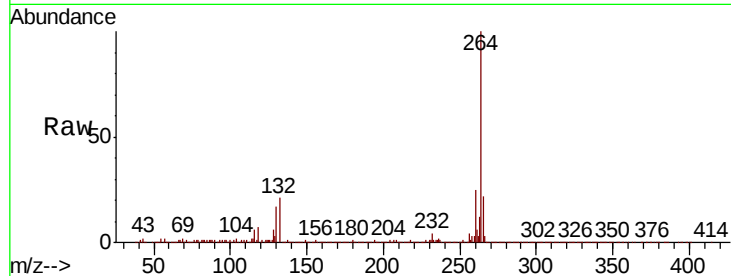
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

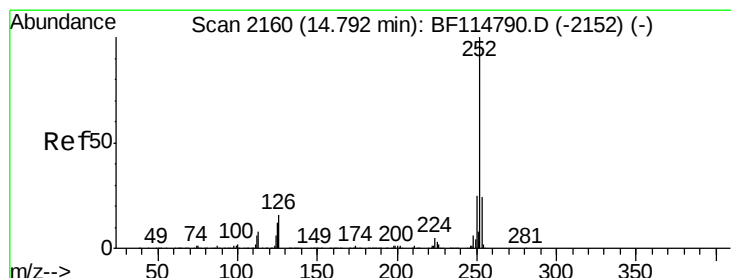
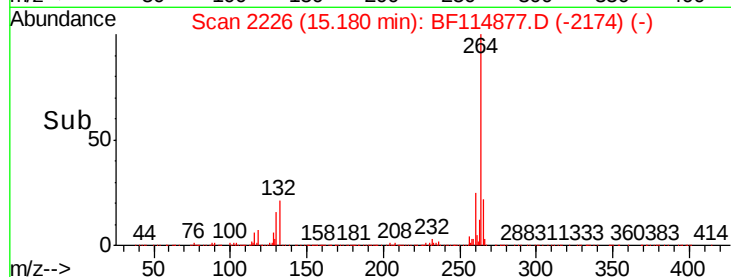
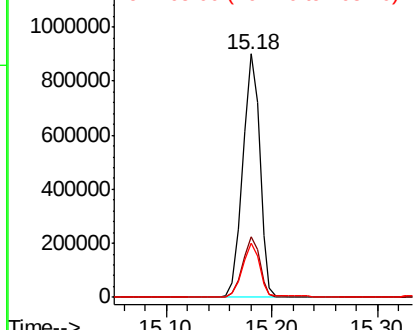
Tot Ion:264 Resp: 1002922
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.3 17.7 26.5

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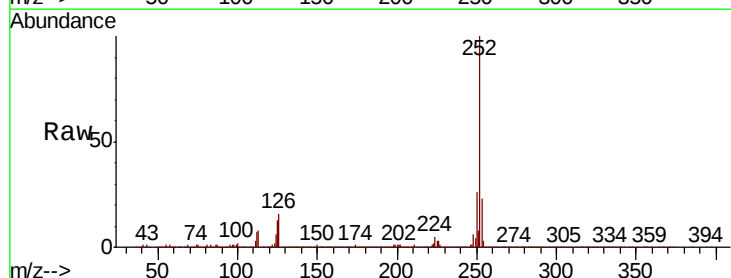


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

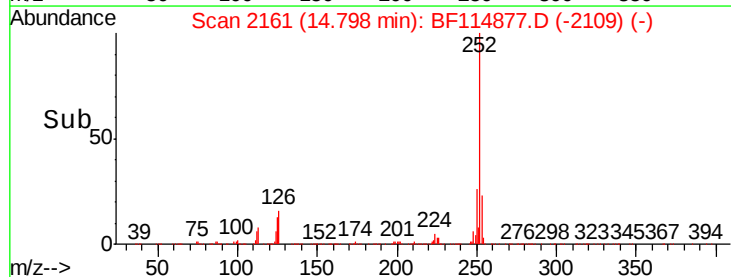
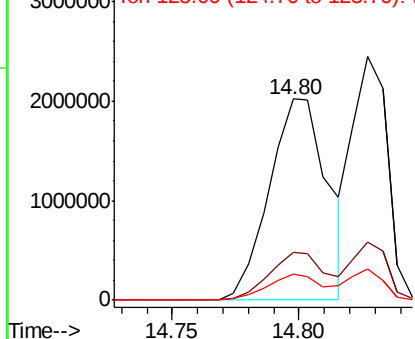


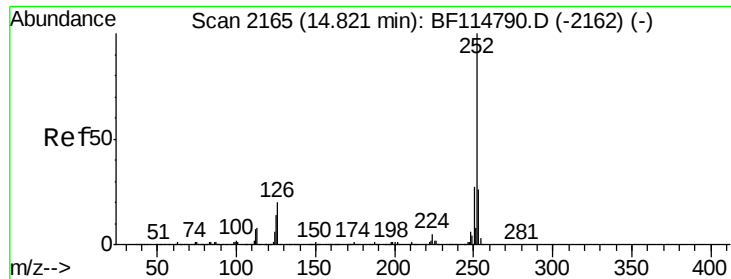
#88
Benzo(b)fluoranthene
Concen: 50.571 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:252 Resp: 3228858
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 12.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.569 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

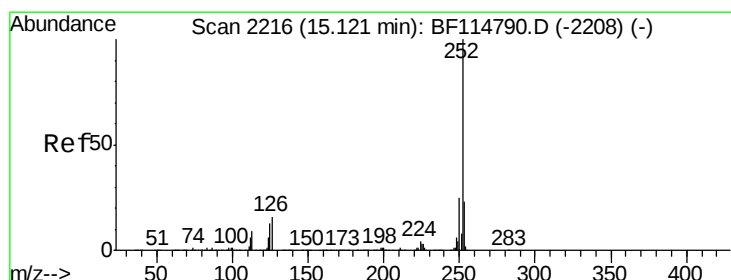
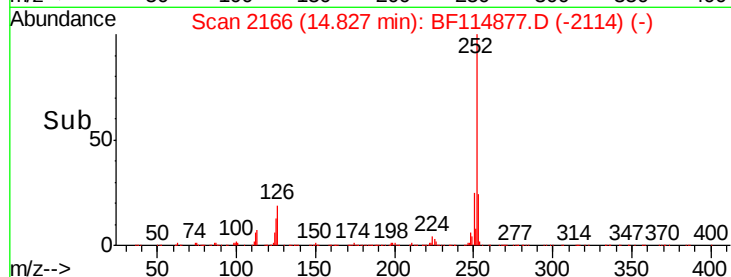
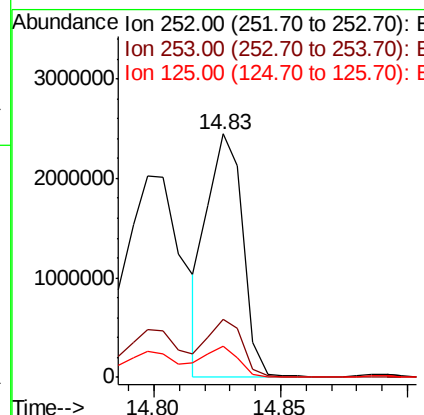
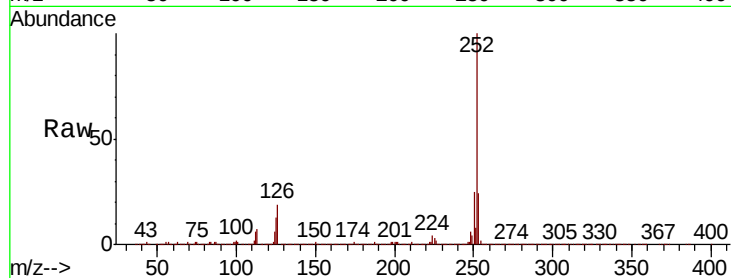
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	252	Resp:	2362350
Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	12.9	10.1	15.1

Manual Integrations
APPROVED

mohammad
6/7/2019 2:11:49 PM



#90

Benzo(a)pyrene

Concen: 50.378 ng

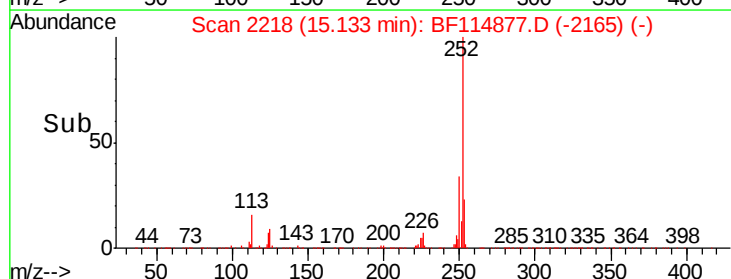
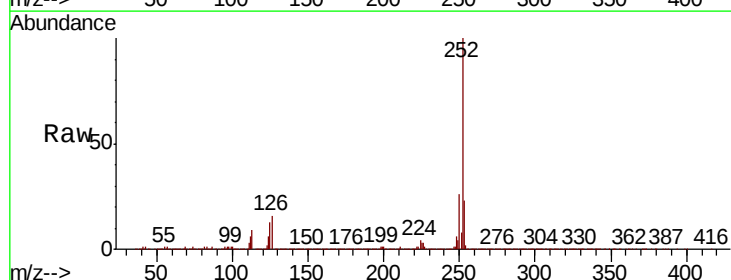
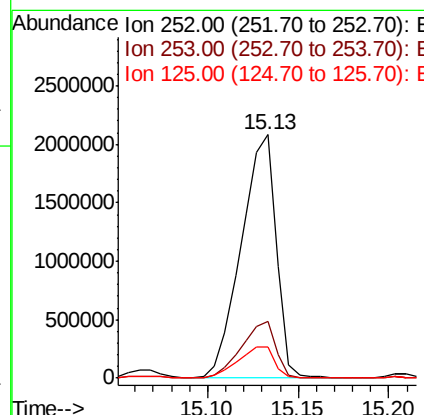
RT: 15.13 min Scan# 2218

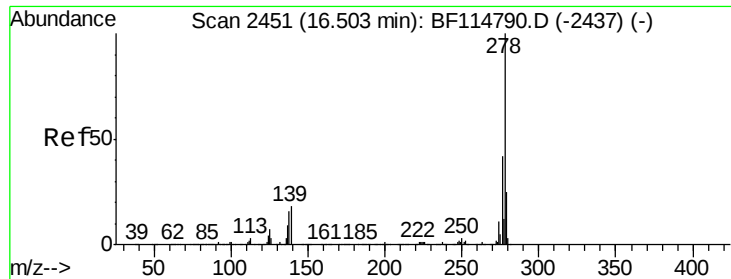
Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:	252	Resp:	2784003
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	12.7	10.1	15.1





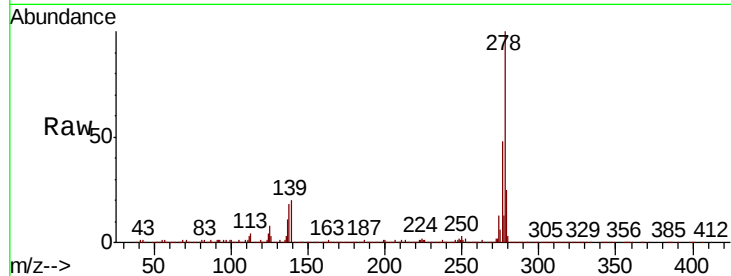
#91
Dibenzo(a,h)anthracene
Concen: 44.911 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0
279	24.9	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/7/2019 2:11:49 PM

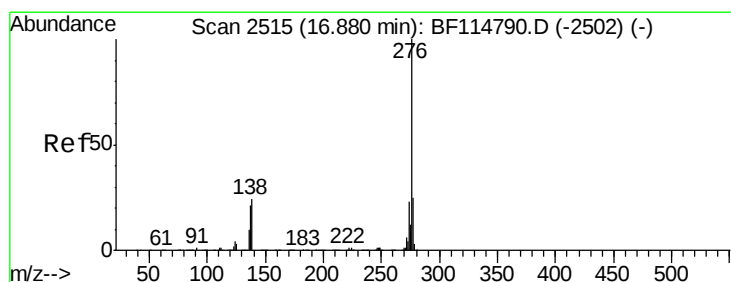
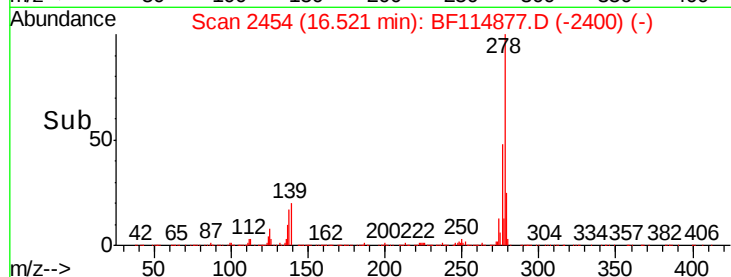
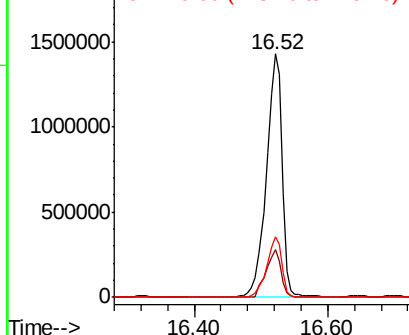


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.882 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.6
138	25.3	19.4	29.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

