

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114826.D
 Acq On : 5 Jun 2019 19:01
 Operator : HP/JU
 Sample : K3186-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 6/6/2019 4:50:07 PM

Quant Time: Jun 06 06:36:39 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	358895	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1393639	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	724611	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1472712	20.00	ng	0.00
76) Chrysene-d12	13.80	240	747346	20.00	ng	0.01
87) Perylene-d12	15.21	264	1032370	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2801902	136.42	ng	0.02
7) Phenol-d6	6.32	99	3507250	140.33	ng	0.02
23) Nitrobenzene-d5	7.24	82	2231418	98.56	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1095897	140.34	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	3830885	99.04	ng	0.00
79) Terphenyl-d14	12.76	244	4100349	106.70	ng	0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.32	88	387481	39.513 ng	99
3) Pyridine	3.02	79	852067	31.616 ng	99
4) n-Nitrosodimethylamine	2.94	42	463745	47.016 ng	96
6) Aniline	6.34	93	663776	18.718 ng	93
8) 2-Chlorophenol	6.46	128	1125976	47.447 ng	98
9) Benzaldehyde	6.21	77	361583	20.857 ng	100
10) Phenol	6.33	94	1290138	45.141 ng	83
11) bis(2-Chloroethyl)ether	6.42	93	1045031	46.852 ng	99
12) 1,3-Dichlorobenzene	6.61	146	1188589	42.982 ng	97
13) 1,4-Dichlorobenzene	6.69	146	1202219	43.207 ng	98
14) 1,2-Dichlorobenzene	6.85	146	1121636	44.634 ng	98
15) Benzyl Alcohol	6.82	79	903481	47.804 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1452298	45.526 ng	100
17) 2-Methylphenol	6.93	107	952616	46.962 ng	99
18) Hexachloroethane	7.19	117	437245	41.749 ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	731453	44.213 ng	99
20) 3+4-Methylphenols	7.09	107	1099644	49.149 ng	91
22) Acetophenone	7.08	105	1470009	47.910 ng	# 97
24) Nitrobenzene	7.25	77	1149612	49.016 ng	98
25) Isophorone	7.50	82	2179275	48.692 ng	99
26) 2-Nitrophenol	7.57	139	667246	52.528 ng	94
27) 2,4-Dimethylphenol	7.62	122	1060651	54.936 ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1362891	47.637 ng	100
29) 2,4-Dichlorophenol	7.82	162	1024700	50.446 ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1077726	46.240 ng	99
31) Naphthalene	7.97	128	3064181	48.838 ng	99
32) Benzoic acid	7.75	122	564408	40.137 ng	96
33) 4-Chloroaniline	8.02	127	335351	11.204 ng	97
34) Hexachlorobutadiene	8.10	225	569741	42.997 ng	99
35) Caprolactam	8.40	113	342052m	51.549 ng	
36) 4-Chloro-3-methylphenol	8.52	107	1066779	52.778 ng	99
37) 2-Methylnaphthalene	8.66	142	2174569	49.969 ng	99
38) 1-Methylnaphthalene	8.76	142	2083152	50.476 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	948989	45.445 ng	99

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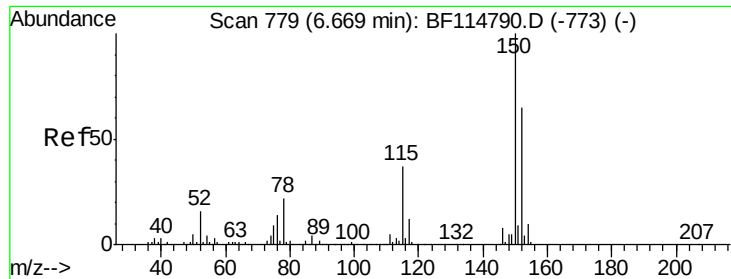
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	769928	60.792	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	783536	48.254	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	824295	50.406	ng	100
46) 1,1'-Biphenyl	9.13	154	2534517	47.194	ng	98
47) 2-Chloronaphthalene	9.15	162	2111171	46.263	ng	100
48) 2-Nitroaniline	9.25	65	649498	47.693	ng	99
49) Acenaphthylene	9.56	152	3203174	48.403	ng	100
50) Dimethylphthalate	9.44	163	3177226	60.035	ng	99
51) 2,6-Dinitrotoluene	9.49	165	619302	49.758	ng	99
52) Acenaphthene	9.74	154	2182932	50.355	ng	100
53) 3-Nitroaniline	9.65	138	413380	28.431	ng	97
54) 2,4-Dinitrophenol	9.76	184	455836	80.936	ng	98
55) Dibenzofuran	9.91	168	2800138	46.452	ng	100
56) 4-Nitrophenol	9.83	139	1136697	106.691	ng	97
57) 2,4-Dinitrotoluene	9.89	165	831212	53.125	ng	89
58) Fluorene	10.25	166	1973172	52.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	690294	51.523	ng	100
60) Diethylphthalate	10.13	149	2607123	49.093	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	989154	42.843	ng	97
62) 4-Nitroaniline	10.27	138	662909	47.007	ng	99
63) Azobenzene	10.40	77	2283725	50.520	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	333722	43.623	ng	90
66) n-Nitrosodiphenylamine	10.36	169	2092370	46.986	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	741904	44.355	ng	99
68) Hexachlorobenzene	10.80	284	789131	43.108	ng	97
69) Atrazine	10.89	200	727683	46.985	ng	98
70) Pentachlorophenol	10.99	266	888701	83.979	ng	99
71) Phenanthrene	11.20	178	3294073	46.854	ng	99
72) Anthracene	11.26	178	3362854	45.450	ng	100
73) Carbazole	11.41	167	3115242	49.115	ng	99
74) Di-n-butylphthalate	11.75	149	3767360	45.159	ng	99
75) Fluoranthene	12.39	202	3457685	47.252	ng	99
77) Benzidine	12.50	184	162004	4.379	ng	# 74
78) Pyrene	12.61	202	3481450	53.699	ng	99
80) Butylbenzylphthalate	13.23	149	1762144	53.824	ng	98
81) Benzo(a)anthracene	13.79	228	2775224	48.189	ng	100
82) 3,3'-Dichlorobenzidine	13.76	252	709531	30.384	ng	99
83) Chrysene	13.83	228	2773594	49.507	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2107897	50.917	ng	99
85) Di-n-octyl phthalate	14.43	149	3615651	51.400	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	3070021	48.027	ng	99
88) Benzo(b)fluoranthene	14.83	252	3087452	46.977	ng	99
89) Benzo(k)fluoranthene	14.86	252	2420576	43.370	ng	98
90) Benzo(a)pyrene	15.16	252	2756890	48.464	ng	99
91) Dibenzo(a,h)anthracene	16.56	278	2485016	46.129	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2485773	45.885	ng	98

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



#1

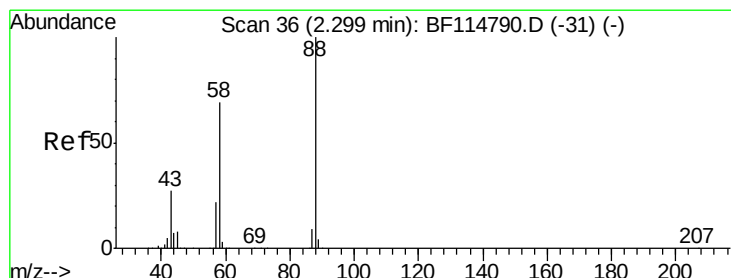
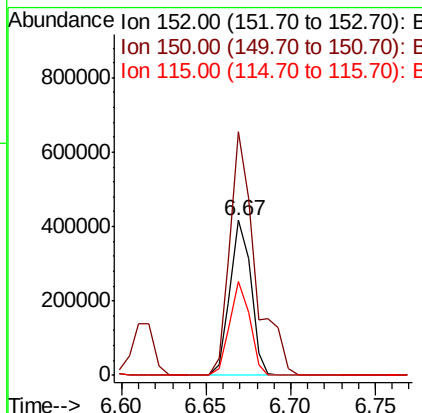
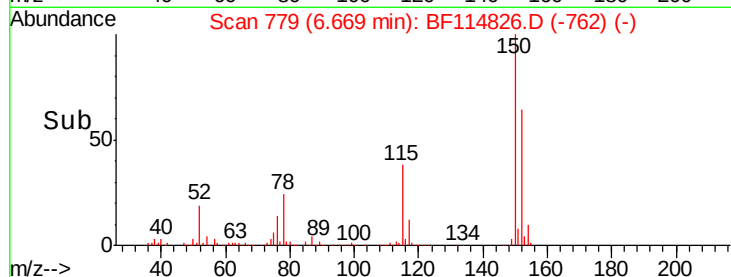
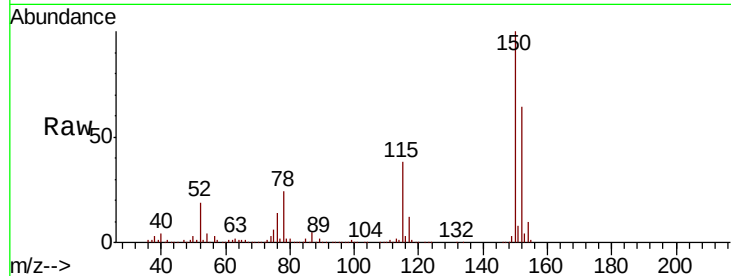
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	60.3	46.3	69.5

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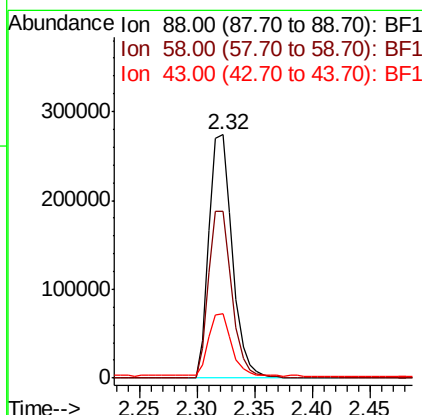
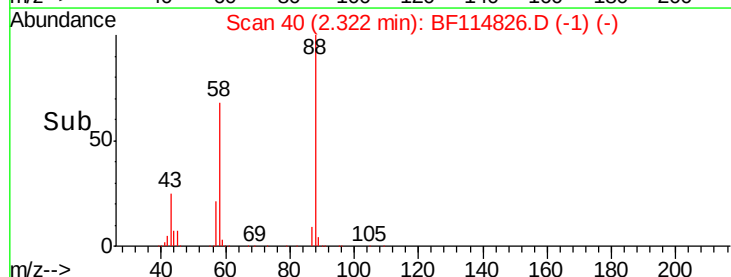
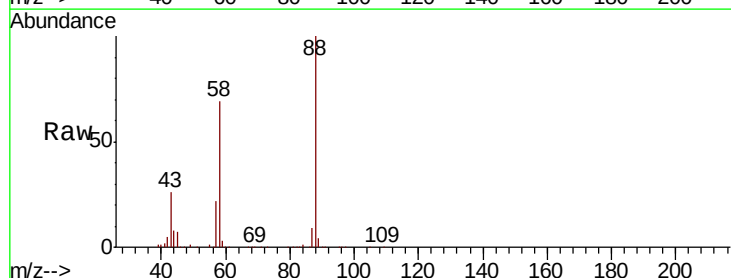
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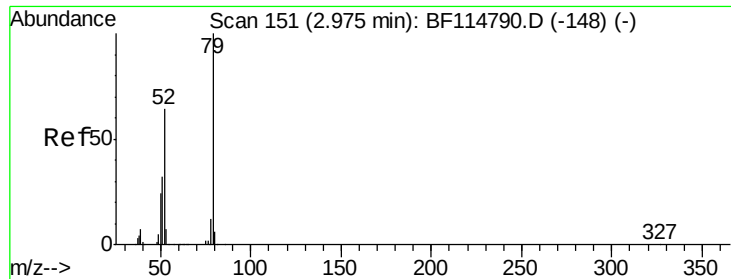


#2

1,4-Dioxane
Concen: 39.513 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	53.8	80.8
43	25.8	20.7	31.1





#3

Pvridine

Concen: 31.616 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.04 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

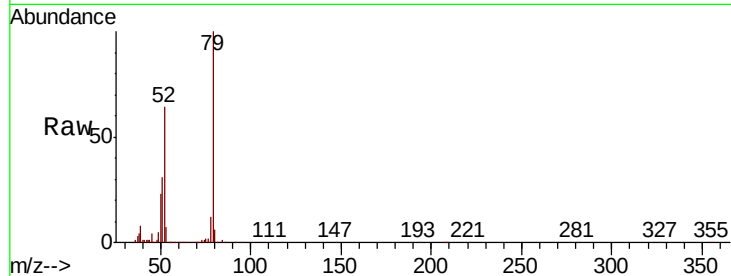
ClientSampleId :

FK-EF-01-011-ABCDMS

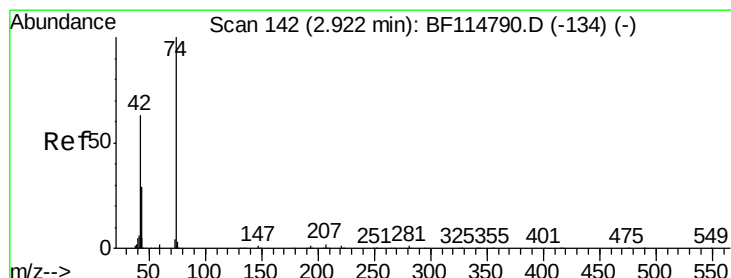
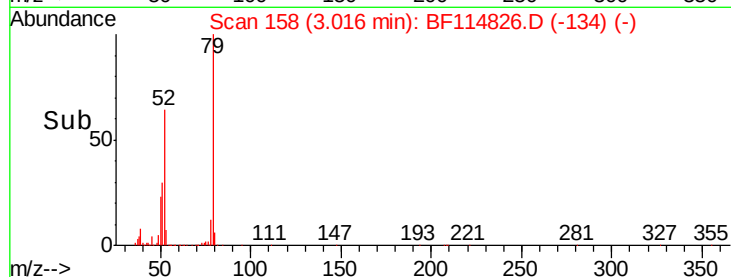
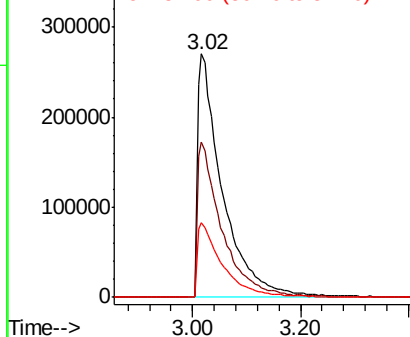
Tot Ion:	79	Resp:	852067
Ion Ratio	Lower	Upper	
79	100		
52	63.6	51.0	76.4
51	30.5	25.7	38.5

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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: 47.016 ng

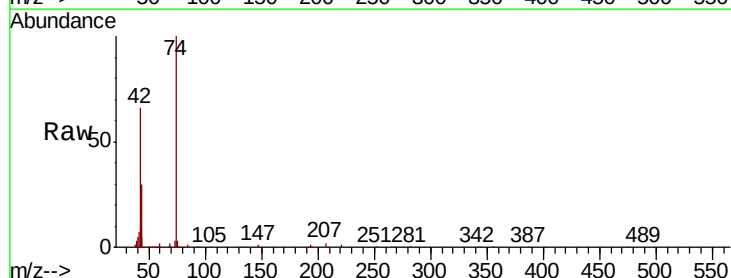
RT: 2.94 min Scan# 145

Delta R.T. 0.02 min

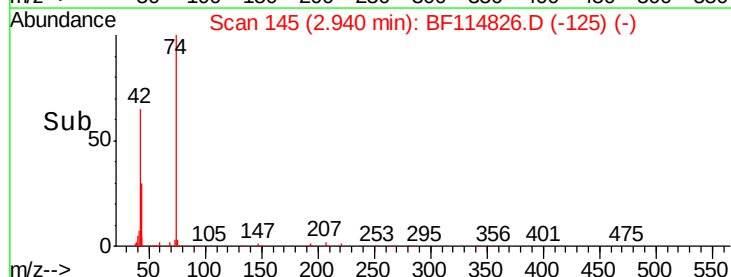
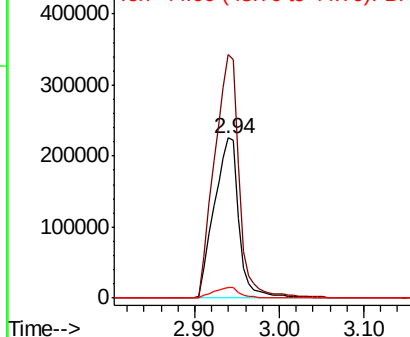
Lab File: BF114826.D

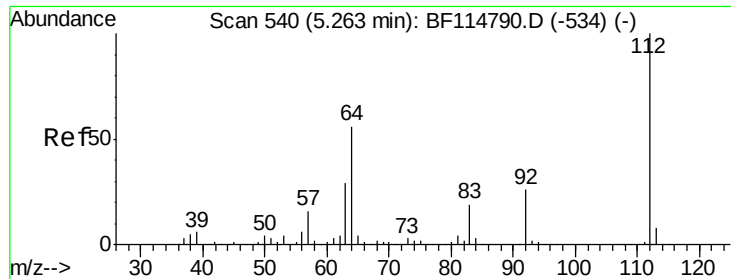
Acq: 5 Jun 2019 19:01

Tgt Ion:	42	Resp:	463745
Ion Ratio	Lower	Upper	
42	100		
74	152.4	126.2	189.2
44	6.9	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: 136.416 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:112 Resp: 2801902

Ion Ratio Lower Upper

112 100

64 55.5 44.6 66.8

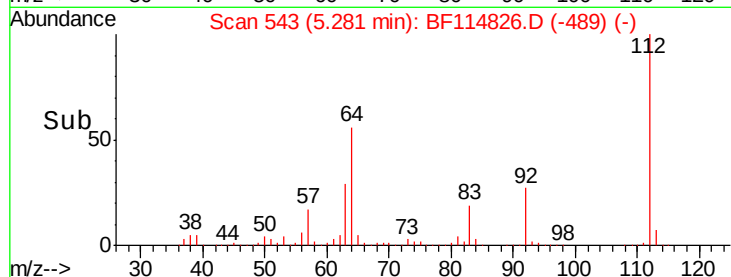
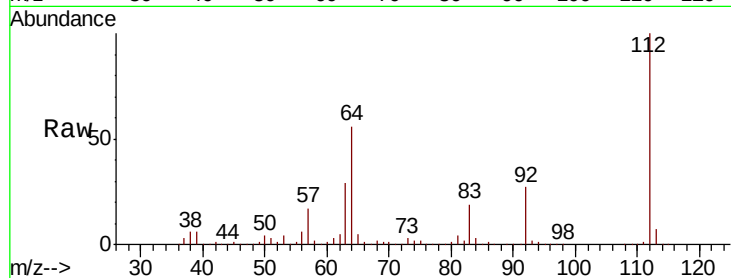
63 29.0 23.0 34.4

Manual Integrations

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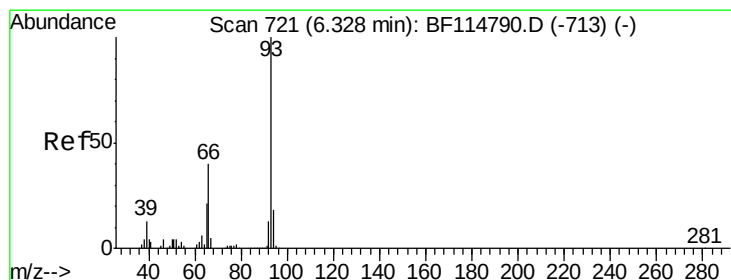
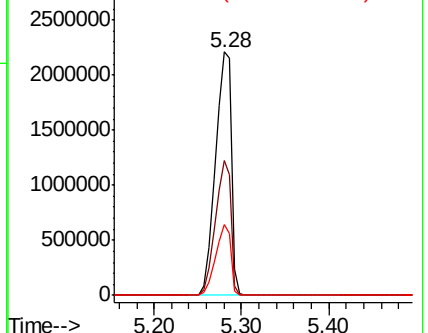
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.718 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

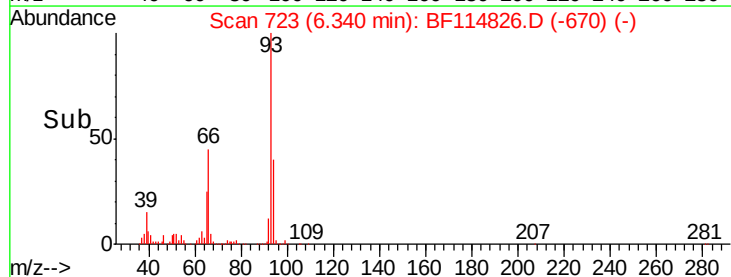
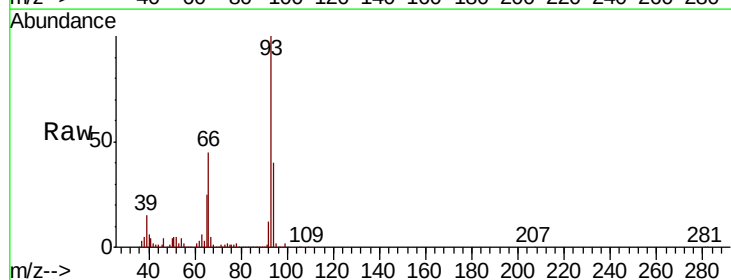
Tgt Ion: 93 Resp: 663776

Ion Ratio Lower Upper

93 100

66 45.0 32.8 49.2

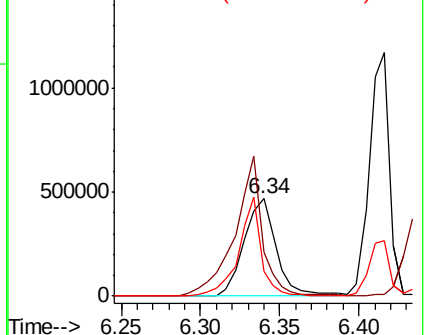
65 24.9 16.9 25.3

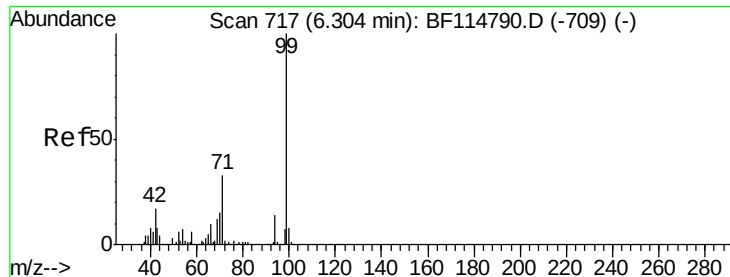


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.333 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion: 99 Resp: 3507250

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

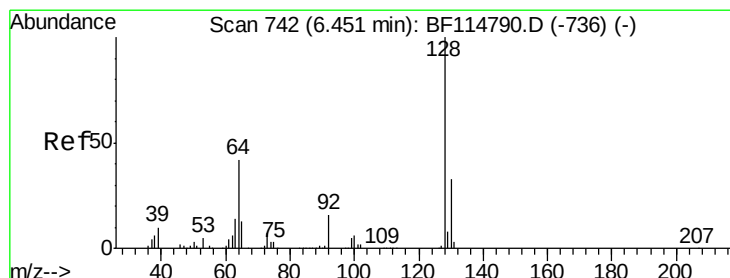
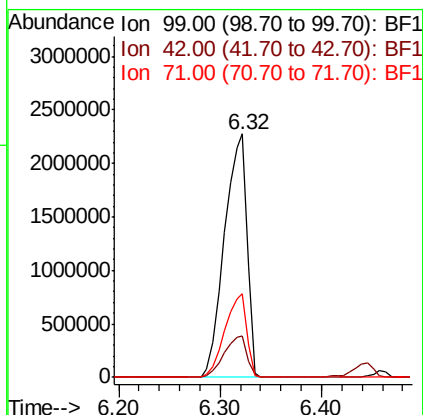
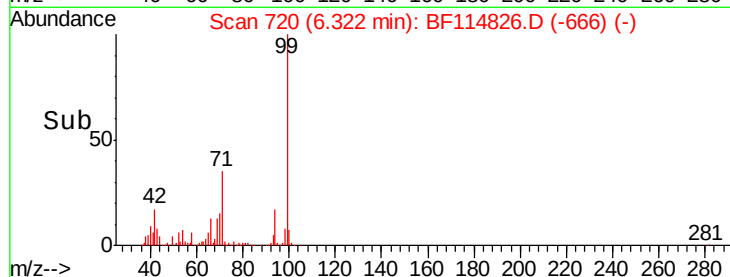
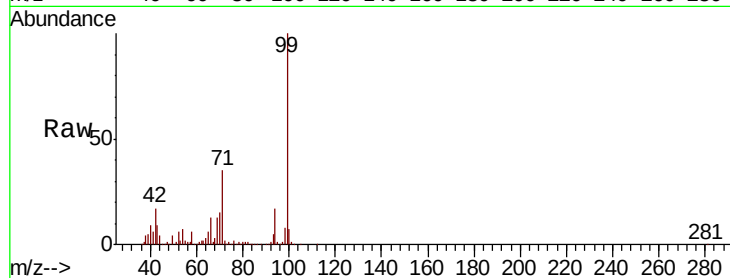
71 34.6 26.3 39.5

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#8

2-Chlorophenol

Concen: 47.447 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

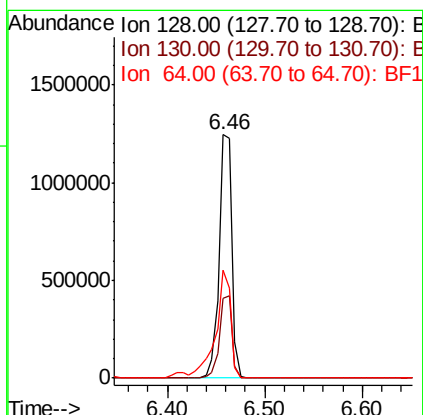
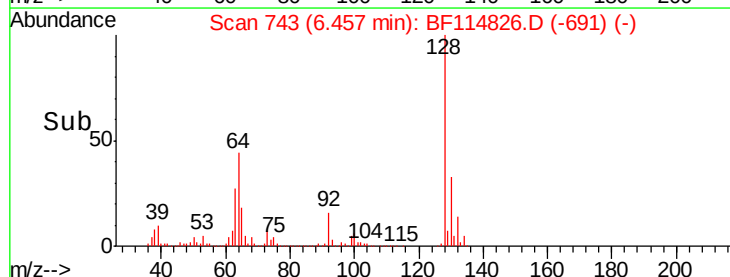
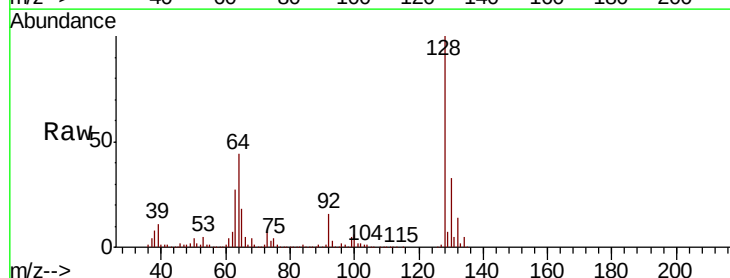
Tgt Ion: 128 Resp: 1125976

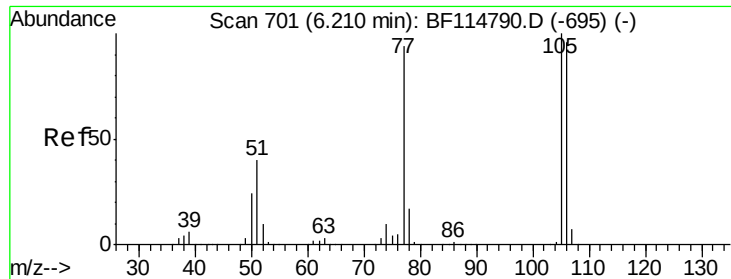
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 44.4 22.5 62.5





#9

Benzaldehyde

Concen: 20.857 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

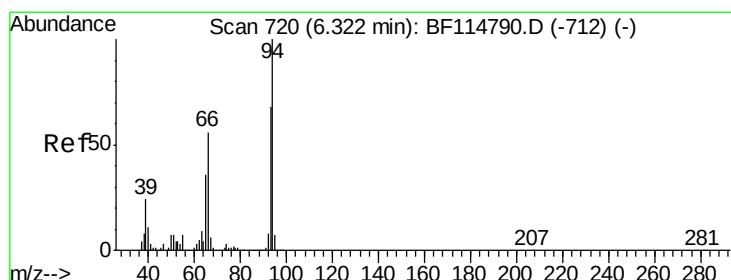
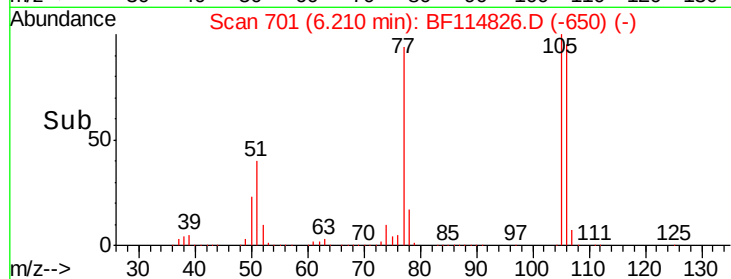
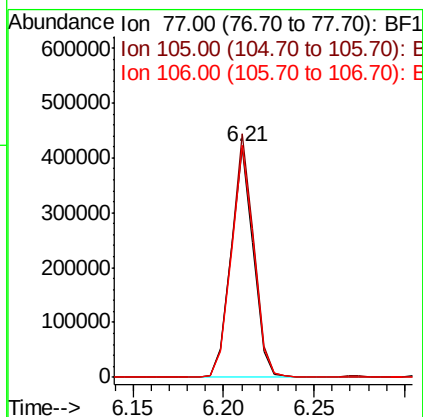
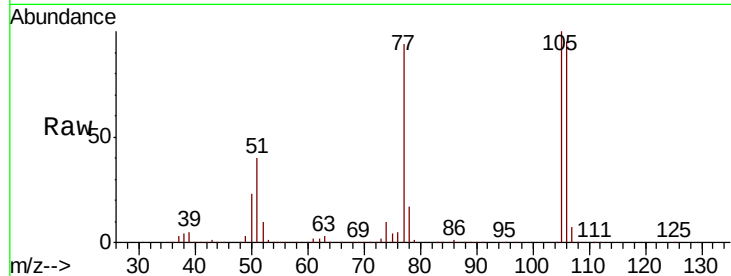
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	77	Resp:	361583
Ion	Ratio	Lower	Upper
77	100		
105	106.0	85.8	125.8
106	101.0	81.6	121.6

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#10

Phenol

Concen: 45.141 ng

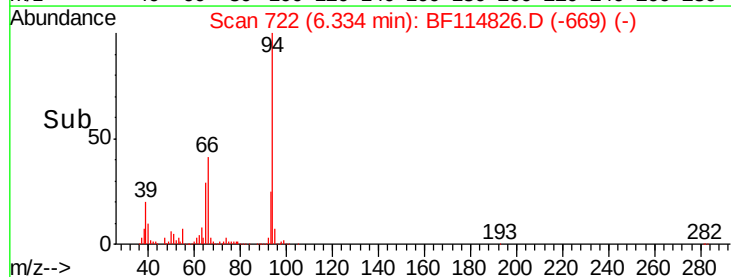
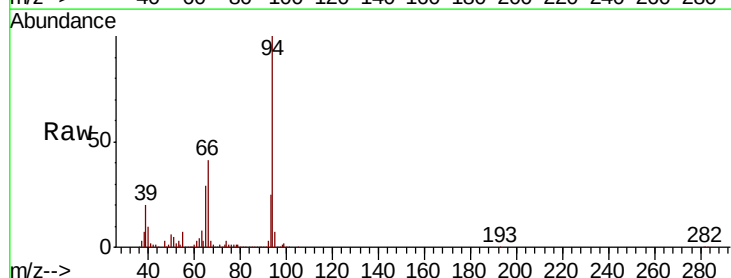
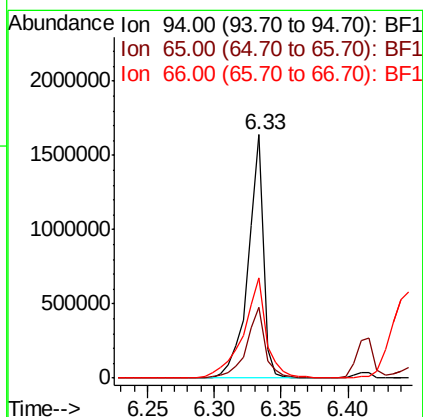
RT: 6.33 min Scan# 722

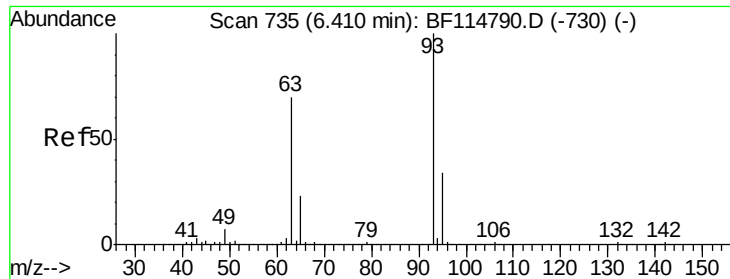
Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	94	Resp:	1290138
Ion	Ratio	Lower	Upper
94	100		
65	29.0	16.1	56.1
66	41.0	36.3	76.3





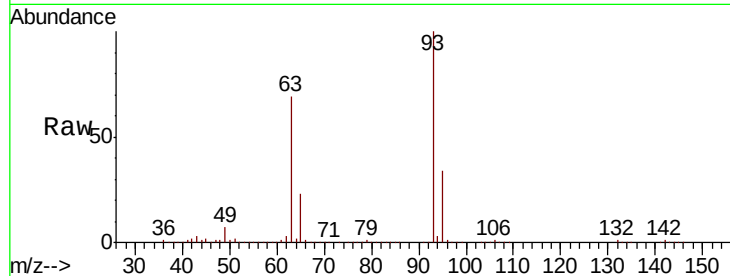
#11
bis(2-Chloroethyl)ether
Concen: 46.852 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.0	49.6	89.6
95	33.6	13.6	53.6

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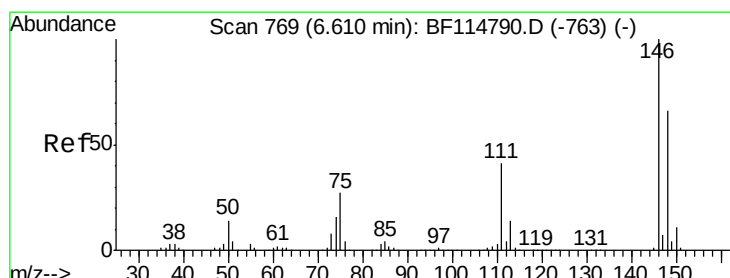
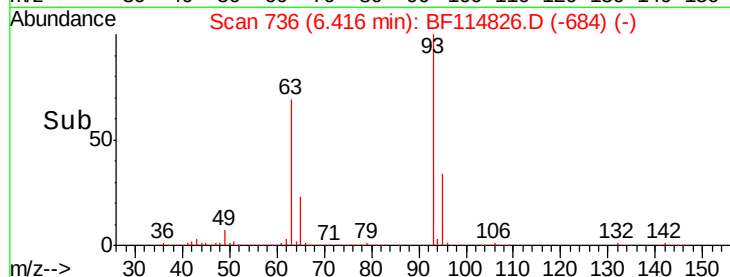
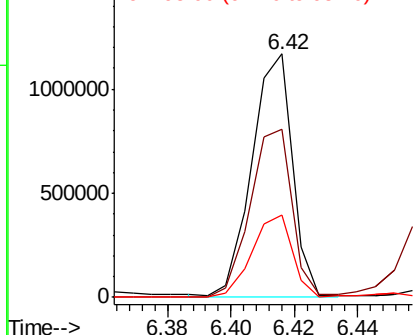


Abundance

Ion 93.00 (92.70 to 93.70): BF1

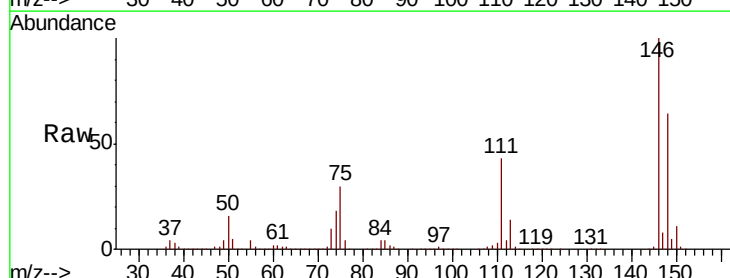
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.982 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.7	79.1
75	30.0	22.0	33.0

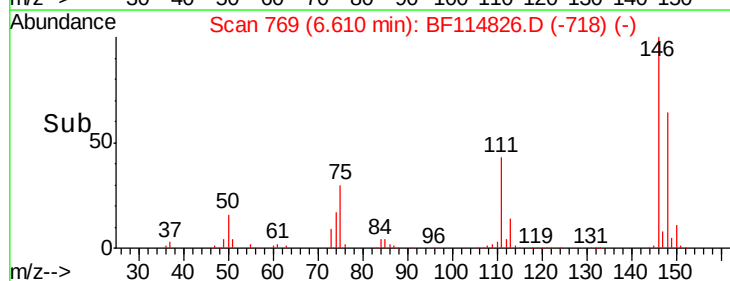
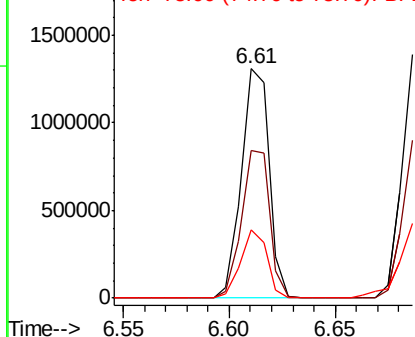


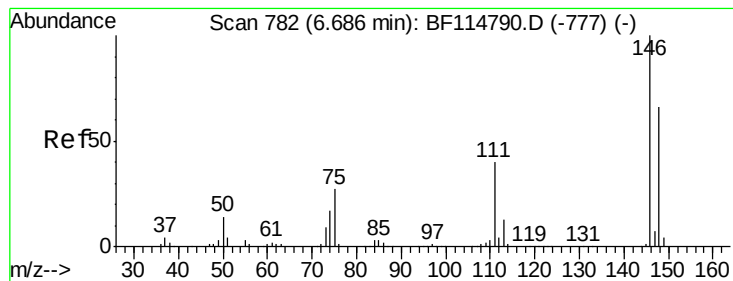
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.207 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:146 Resp: 1202219

Ion Ratio Lower Upper

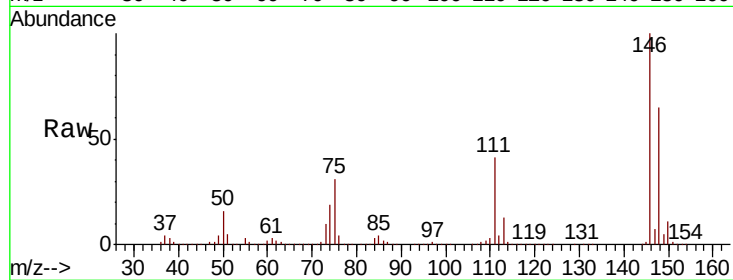
146 100

148 64.9 53.0 79.4

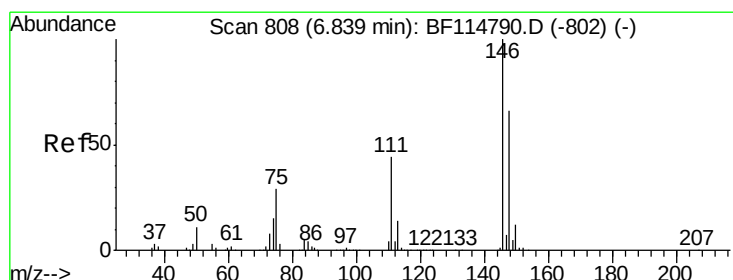
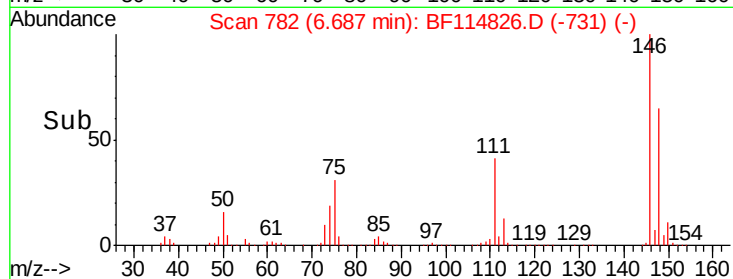
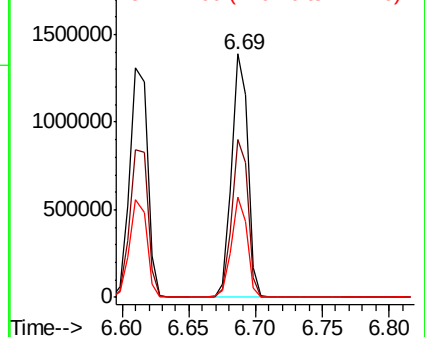
111 41.3 32.2 48.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.634 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

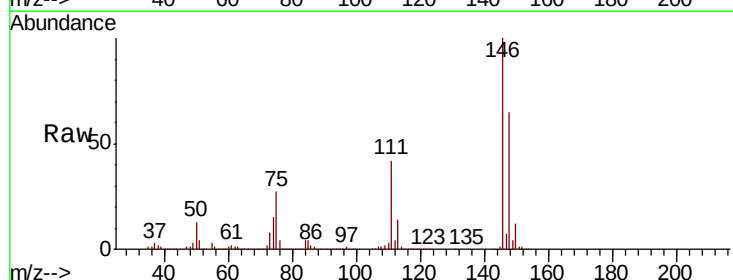
Tgt Ion:146 Resp: 1121636

Ion Ratio Lower Upper

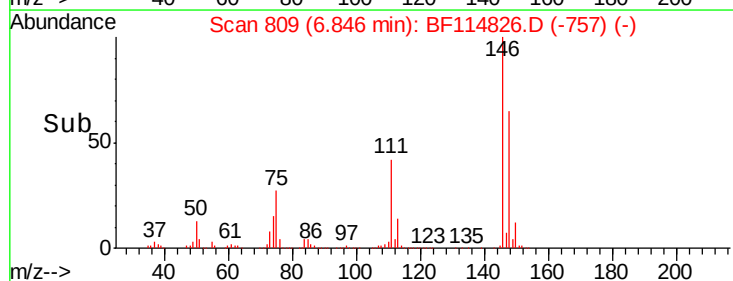
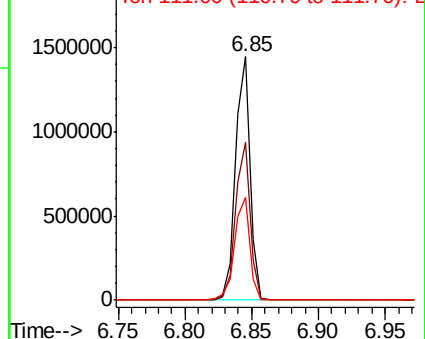
146 100

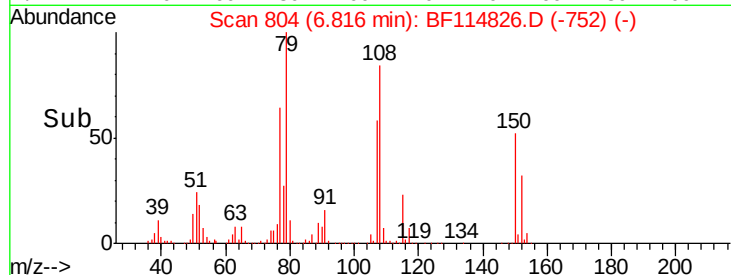
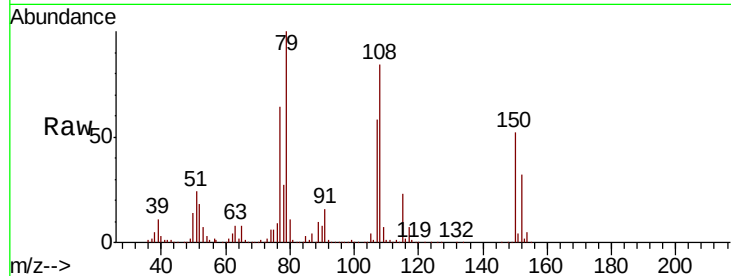
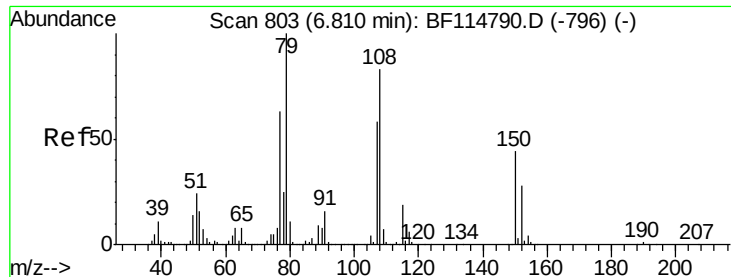
148 64.7 52.5 78.7

111 42.0 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





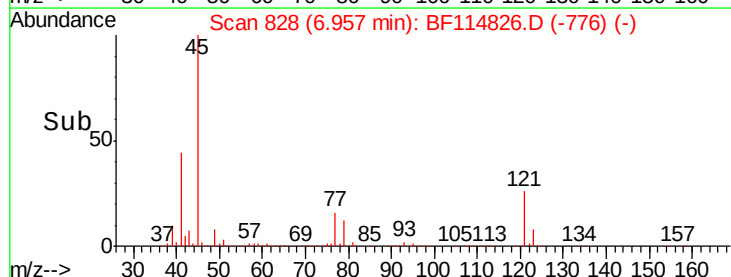
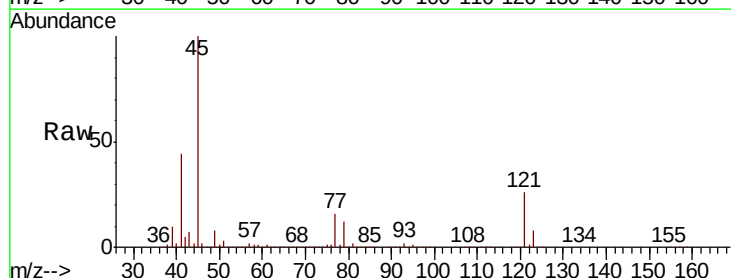
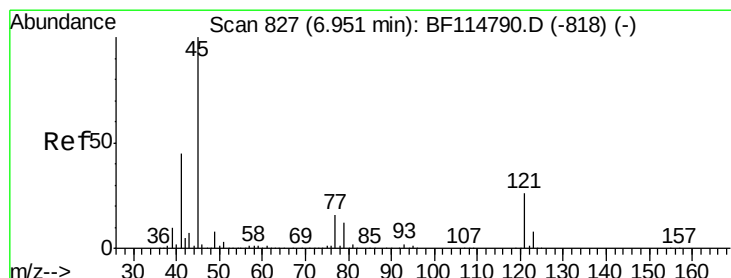
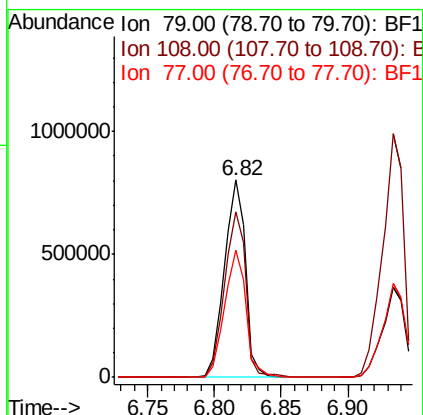
#15
Benzyl Alcohol
Concen: 47.804 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.9	66.8	100.2
77	64.2	50.6	76.0

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

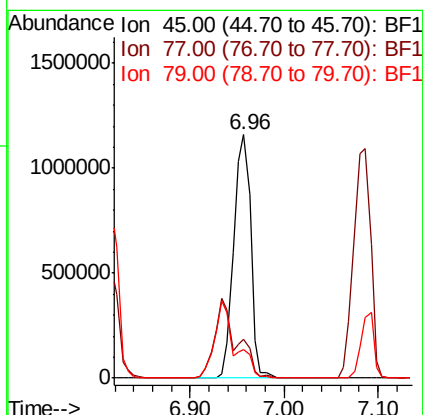
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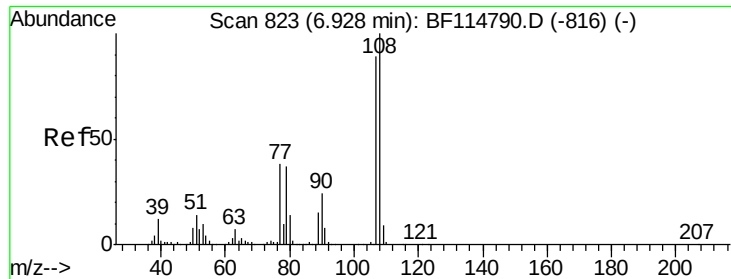
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.526 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.8
79	12.0	0.0	32.0





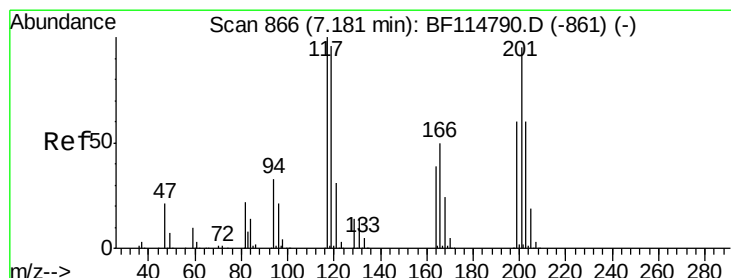
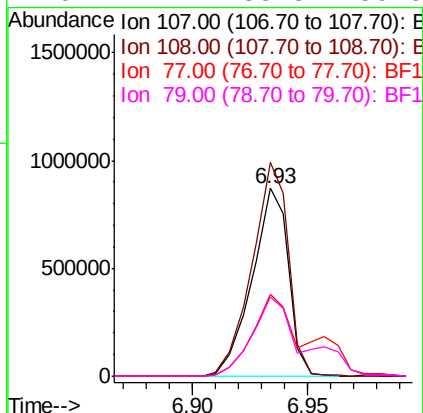
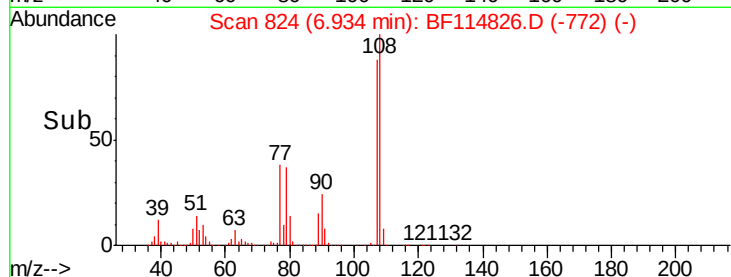
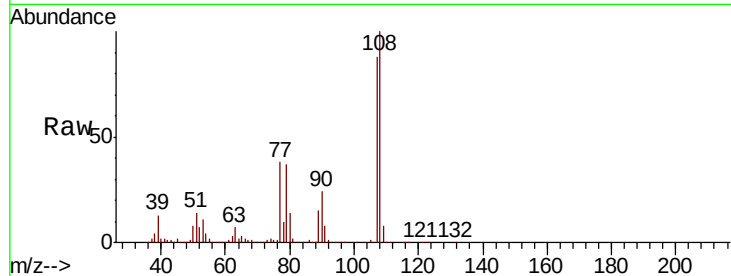
#17
2-Methylphenol
Concen: 46.962 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.2	135.2	
77	43.6	34.5	51.7	
79	42.1	33.8	50.6	

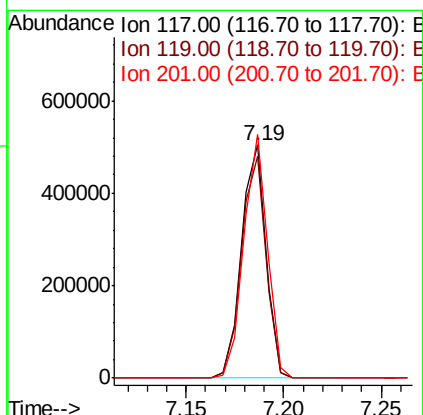
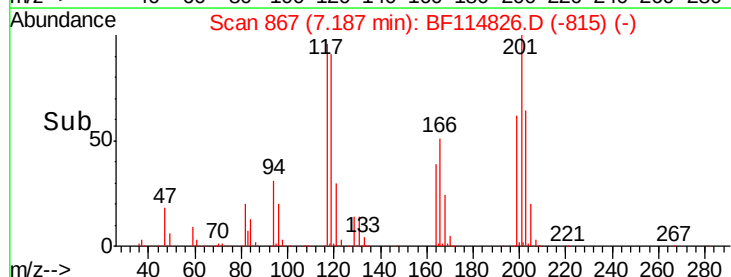
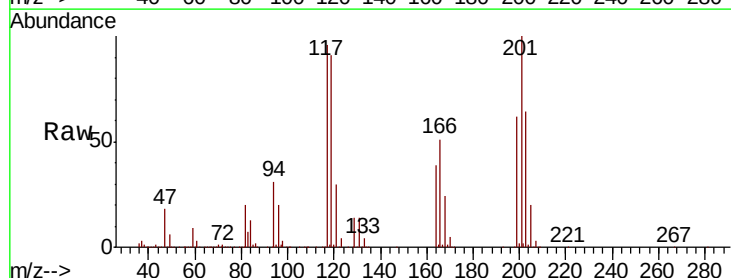
Manual Integrations
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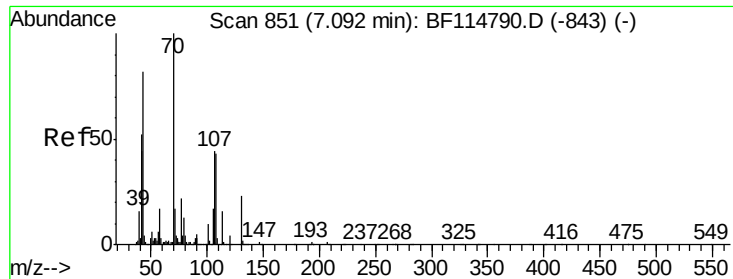
mohammad
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#18
Hexachloroethane
Concen: 41.749 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.0	115.4	
201	104.5	76.0	114.0	





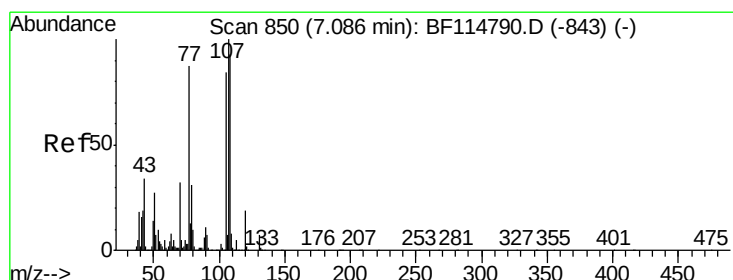
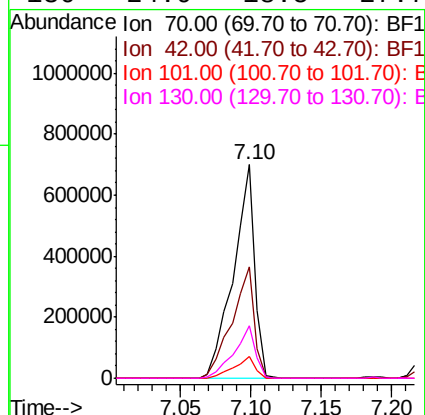
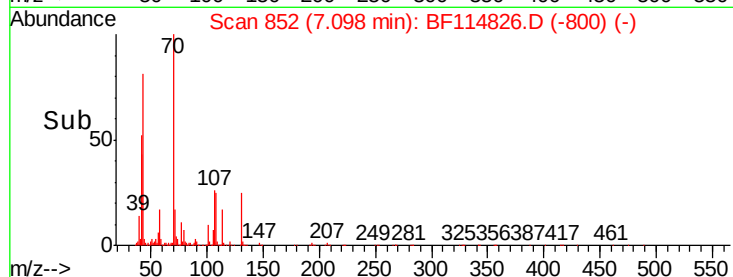
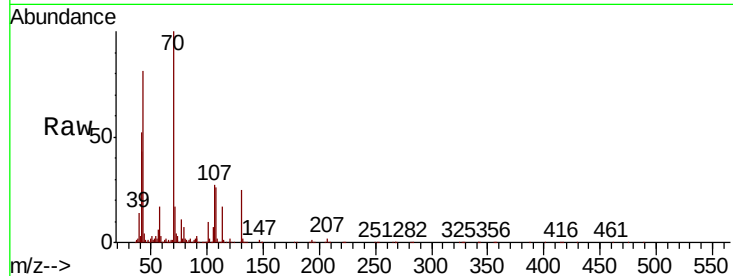
#19
n-Nitroso-di-n-propylamine
Concen: 44.213 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	41.8	62.8	
101	10.3	8.2	12.4	
130	24.9	18.5	27.7	

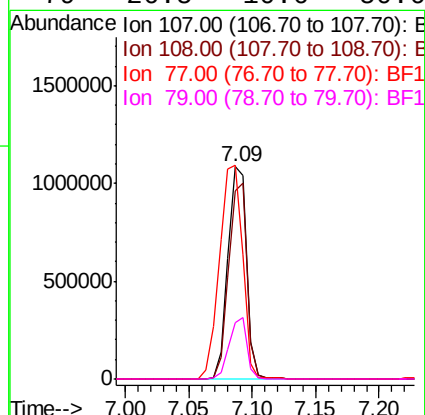
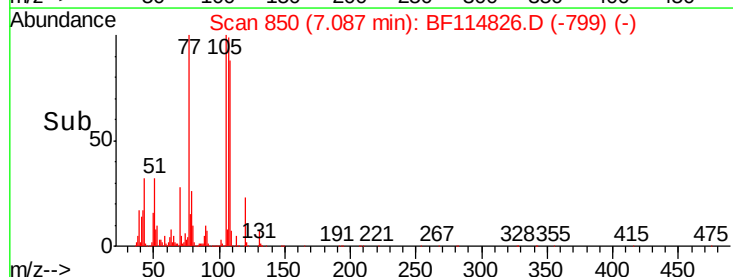
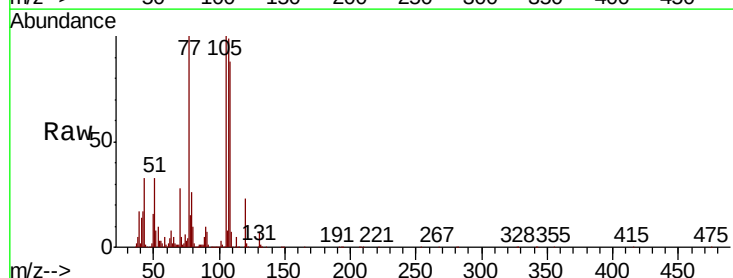
Manual Integrations
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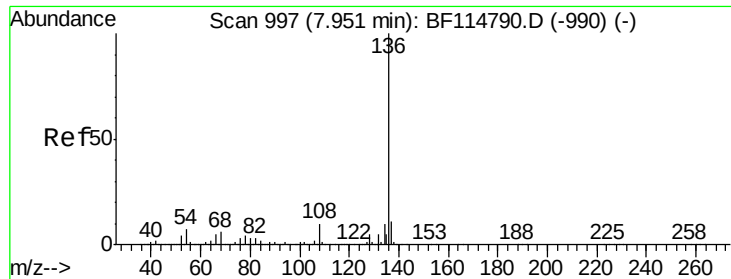
mohammad
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#20
3+4-Methylphenols
Concen: 49.149 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	73.5	113.5	
77	100.8	67.2	107.2	
79	26.5	10.6	50.6	





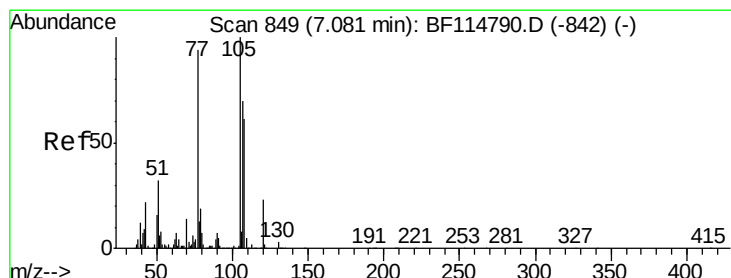
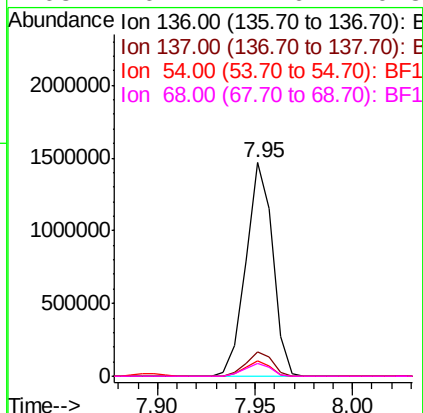
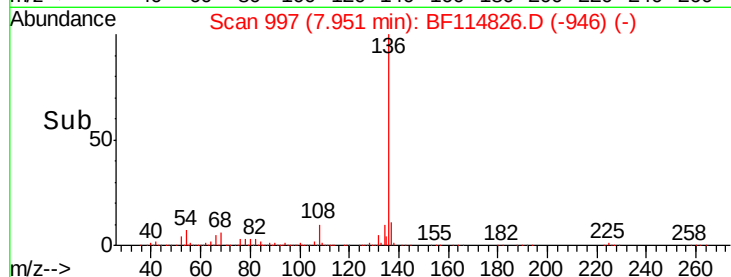
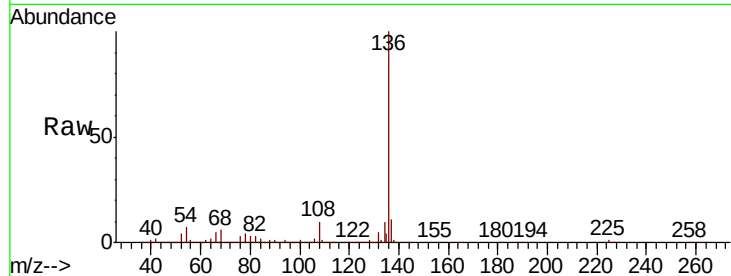
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1393639		
137	11.4	9.1	13.7		
54	7.0	5.4	8.0		
68	6.1	4.6	6.8		

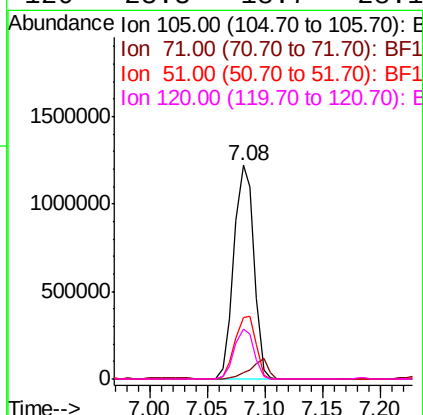
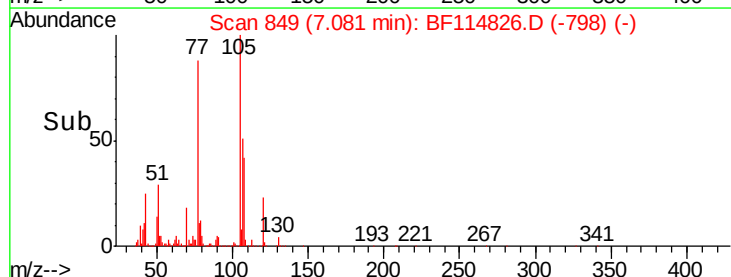
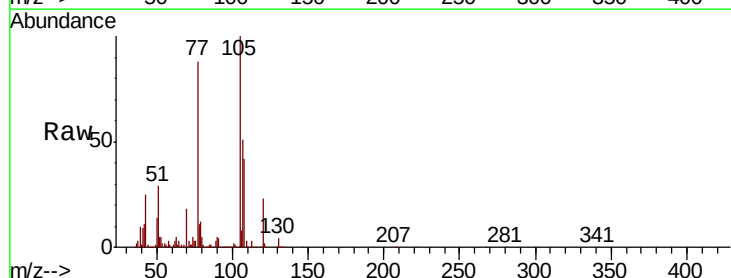
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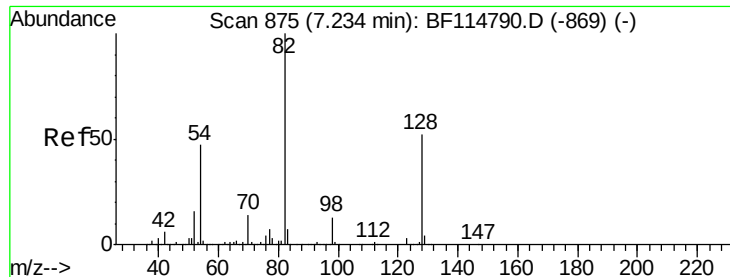
mohammad
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#22
Acetophenone
Concen: 47.910 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1470009		
71	3.1	2.0	3.0#		
51	28.9	25.4	38.0		
120	23.3	18.7	28.1		





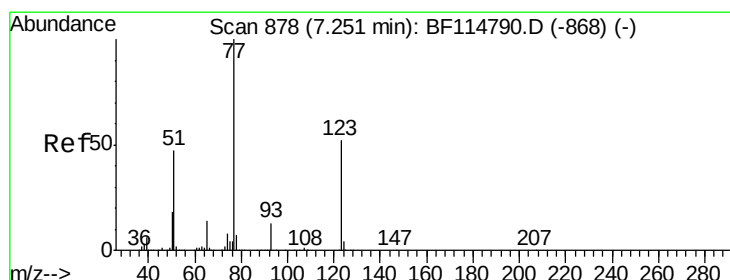
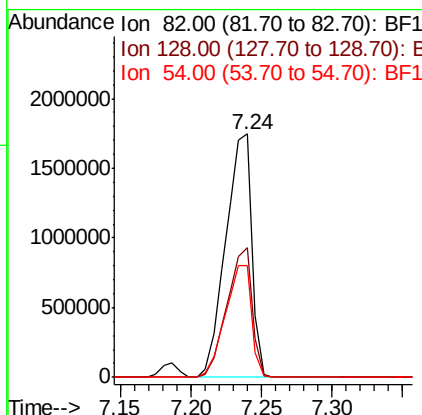
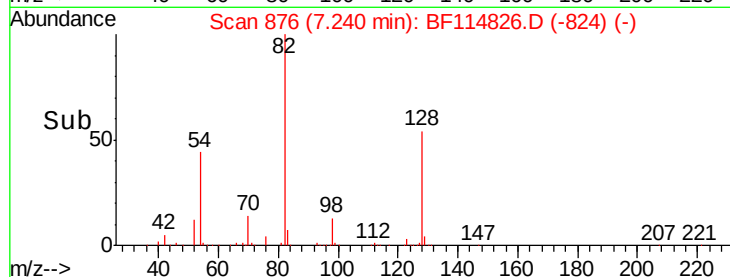
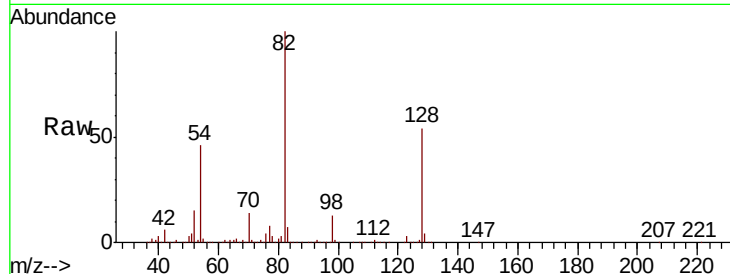
#23
 Nitrobenzene-d5
 Concen: 98.564 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.5	41.8	62.6
54	46.1	37.9	56.9

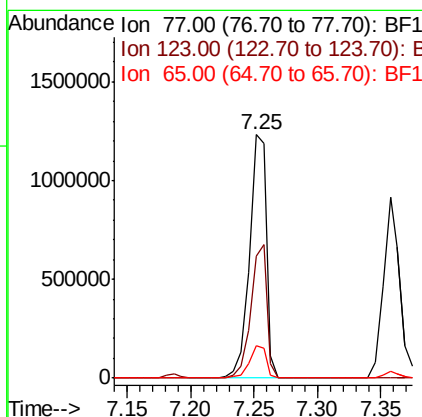
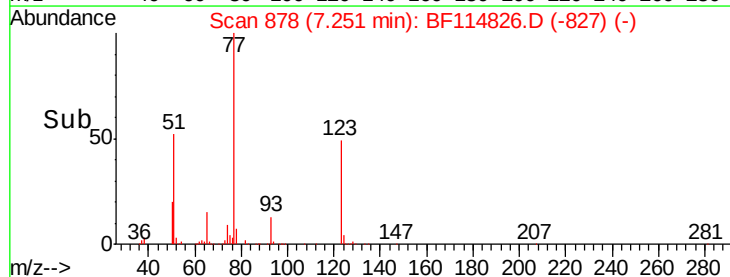
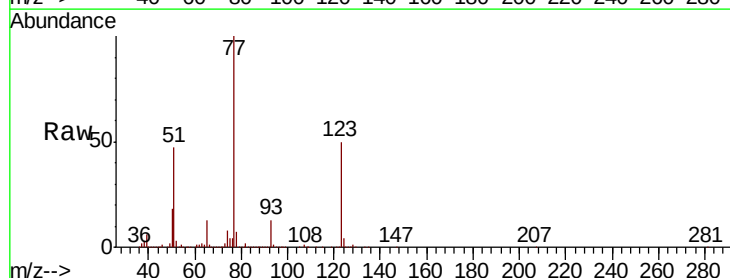
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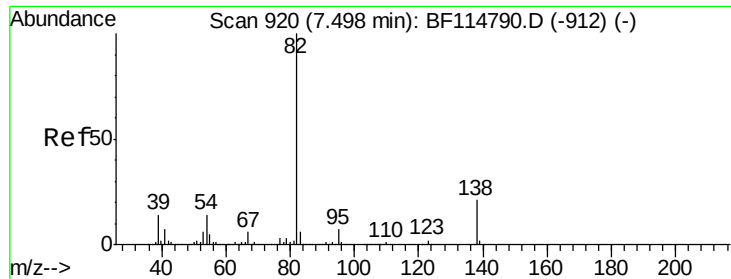
mohammad
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#24
 Nitrobenzene
 Concen: 49.016 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	41.5	62.3
65	13.4	10.8	16.2





#25

Isophorone

Concen: 48.692 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion: 82 Resp: 2179275

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

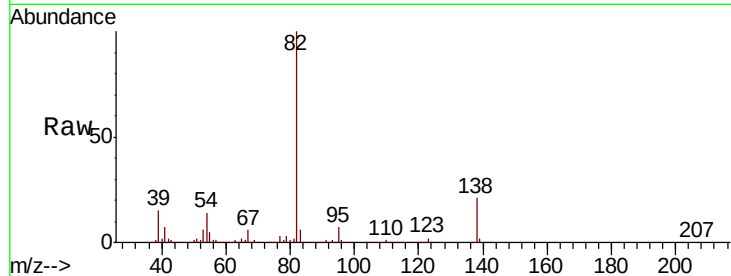
138 20.7 16.9 25.3

Manual Integrations

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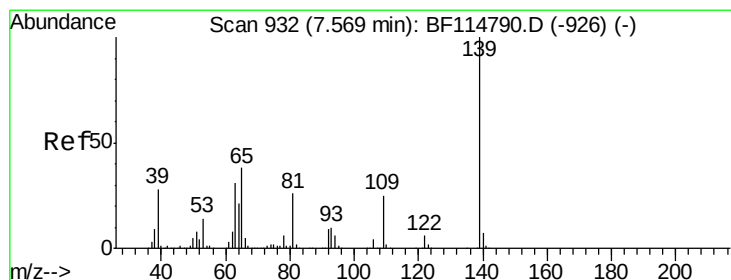
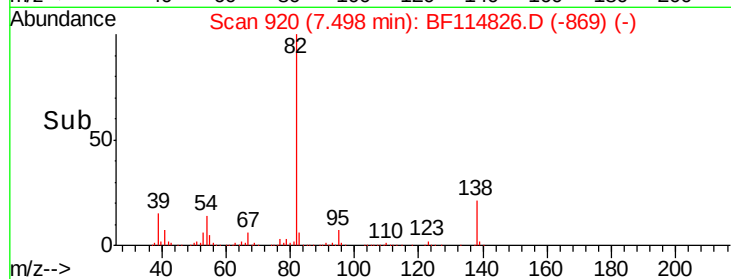
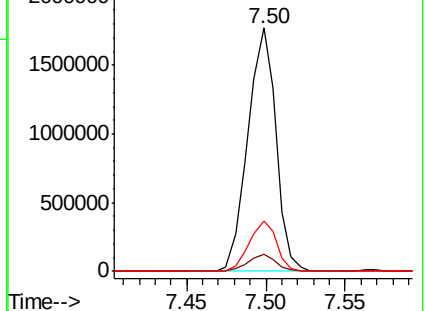
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.528 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

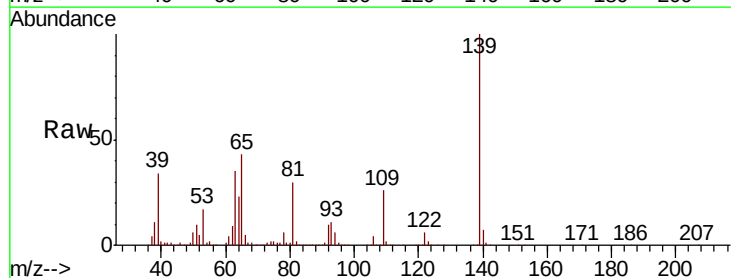
Tgt Ion: 139 Resp: 667246

Ion Ratio Lower Upper

139 100

109 26.2 20.4 30.6

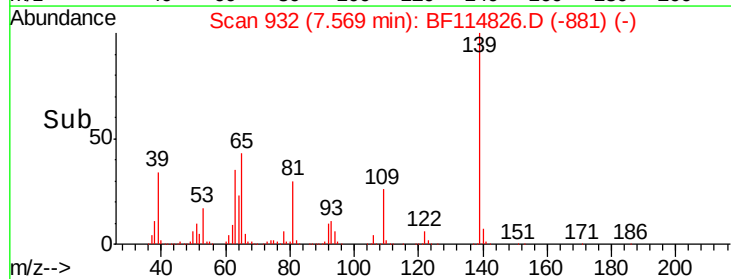
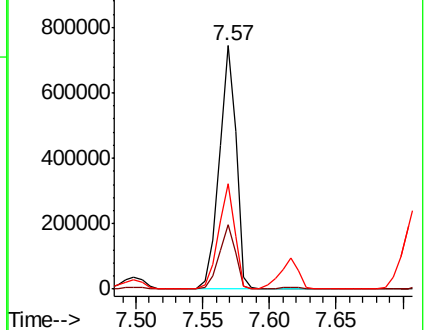
65 43.3 30.5 45.7

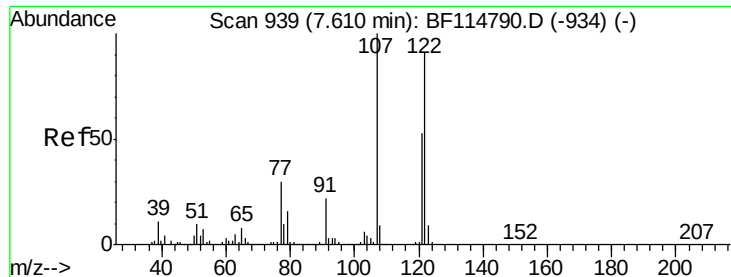


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.936 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

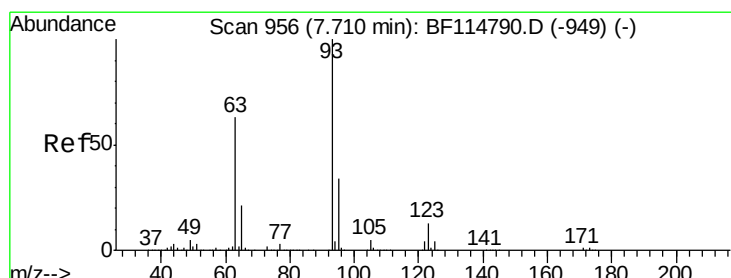
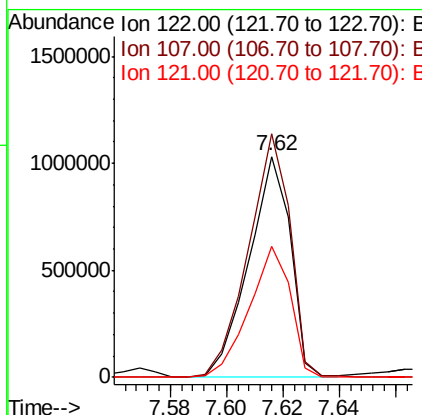
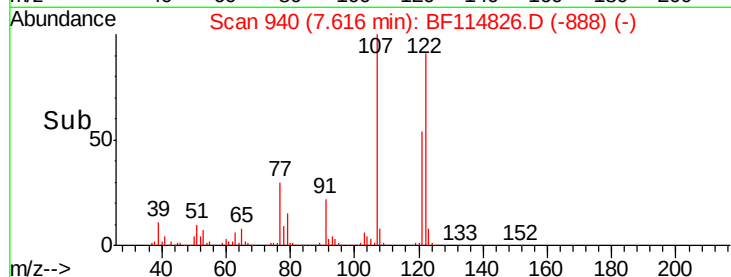
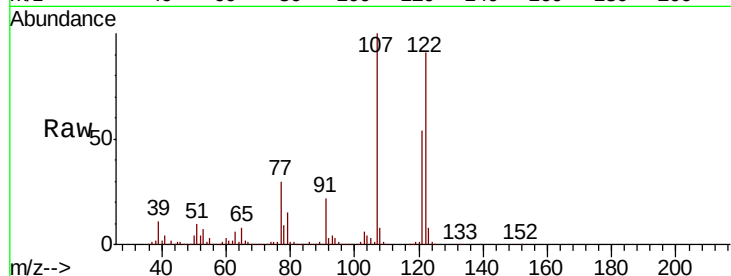
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	122	Resp:	1060651
Ion	Ratio	Lower	Upper
122	100		
107	110.3	87.9	131.9
121	59.4	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.637 ng

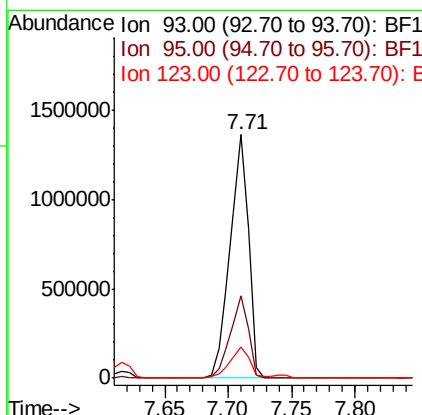
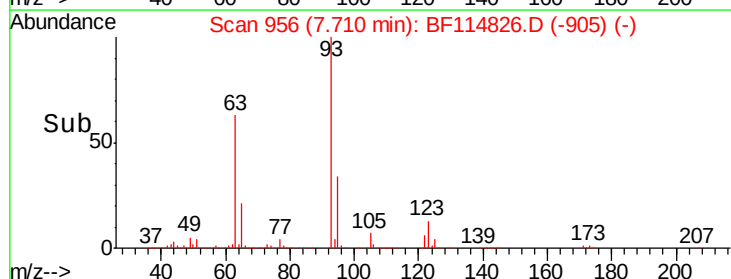
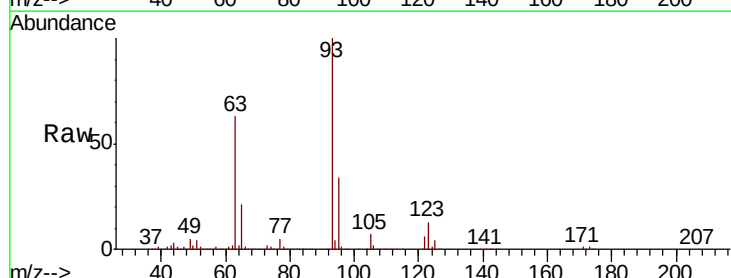
RT: 7.71 min Scan# 956

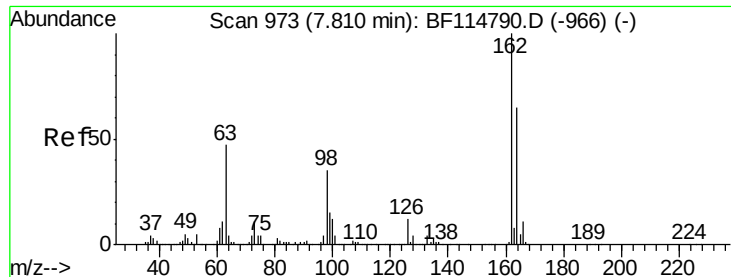
Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	93	Resp:	1362891
Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.8	10.4	15.6





#29

2,4-Dichlorophenol

Concen: 50.446 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:162 Resp: 1024700

Ion Ratio Lower Upper

162 100

164 66.3 45.1 85.1

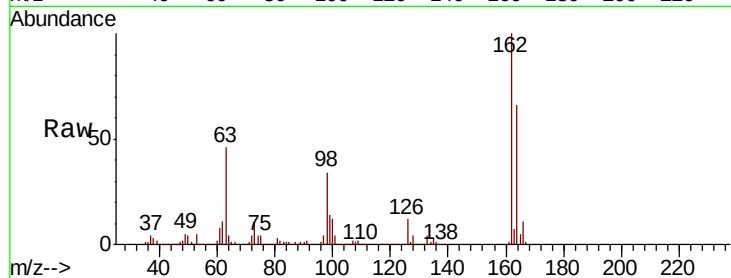
98 34.0 14.6 54.6

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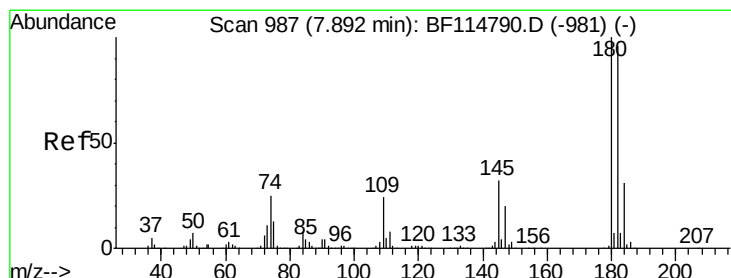
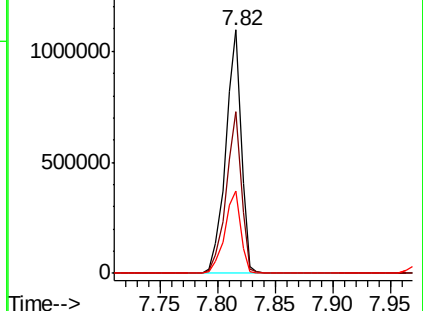
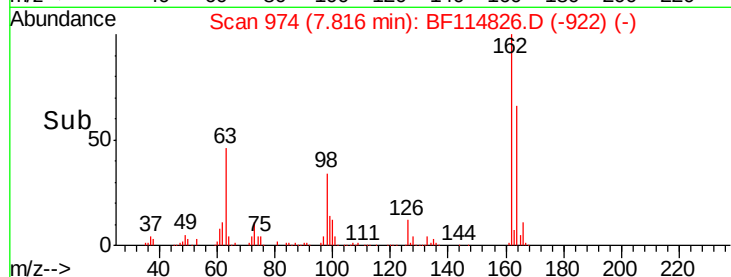
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.240 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

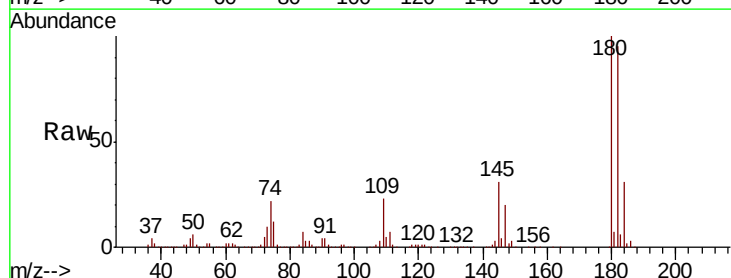
Tgt Ion:180 Resp: 1077726

Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

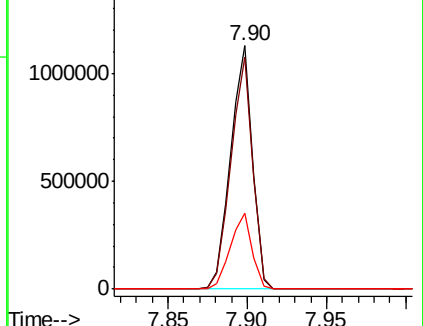
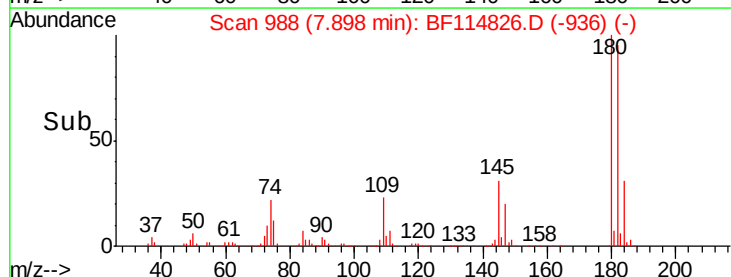
145 31.3 25.8 38.8

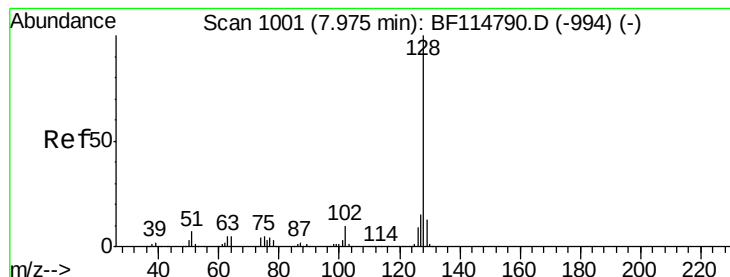


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.838 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:128 Resp: 3064181

Ion Ratio Lower Upper

128 100

129 13.0 10.0 15.0

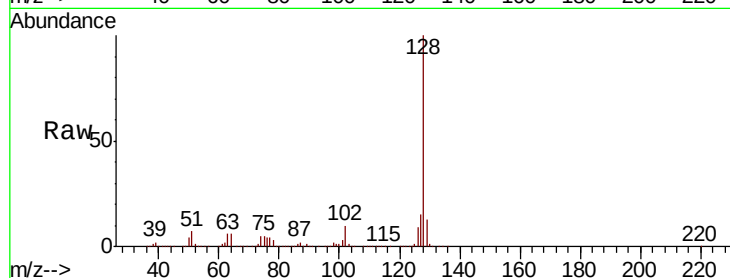
127 15.3 12.2 18.2

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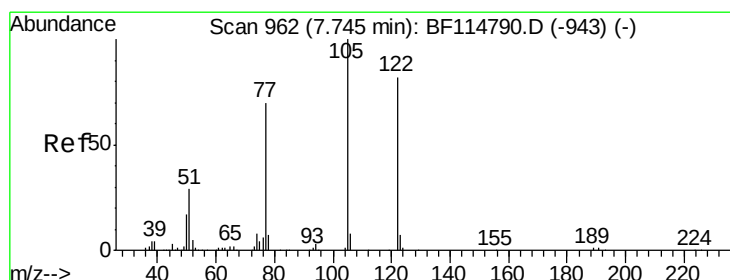
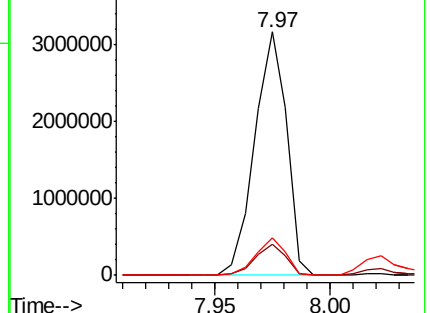
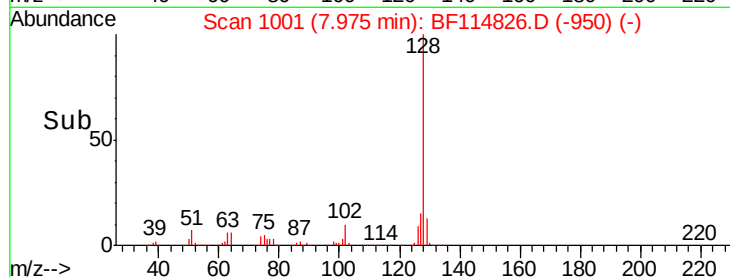


Abundance

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: 40.137 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

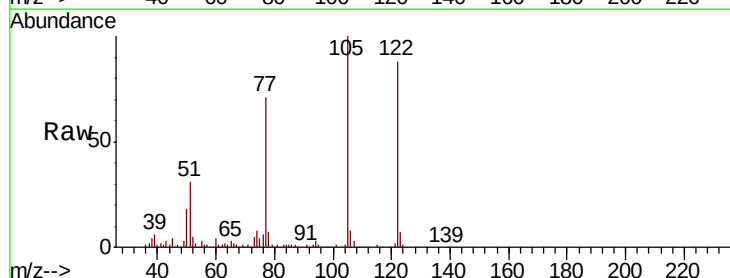
Tgt Ion:122 Resp: 564408

Ion Ratio Lower Upper

122 100

105 113.9 98.7 138.7

77 80.8 64.8 104.8

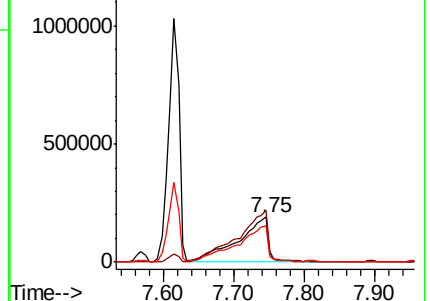
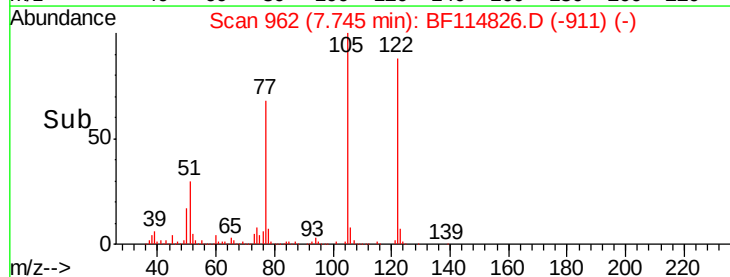


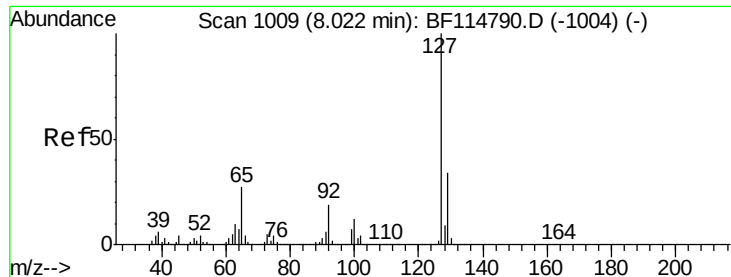
Abundance

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





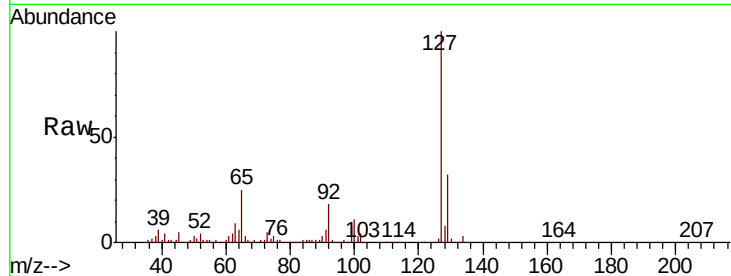
#33
4-Chloroaniline
Concen: 11.204 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.9	40.3
65	24.9	21.7	32.5
92	18.0	14.8	22.2

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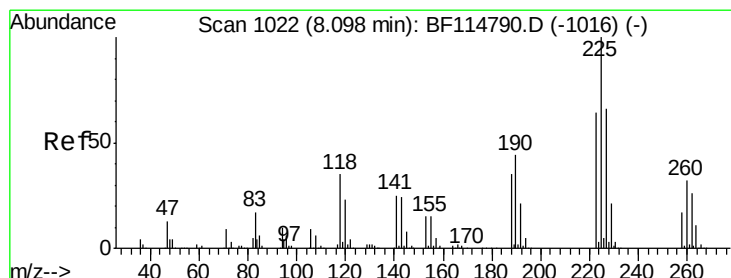
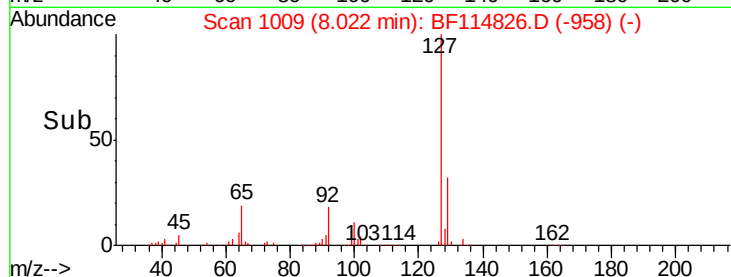
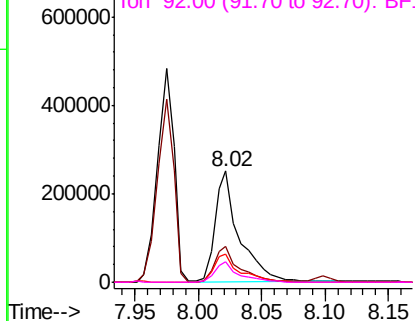
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.997 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

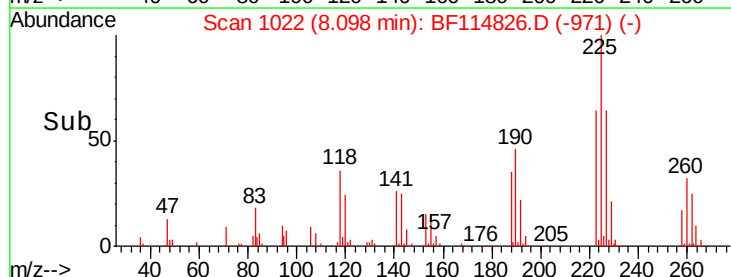
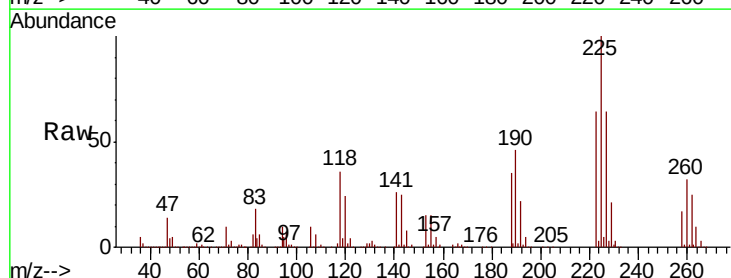
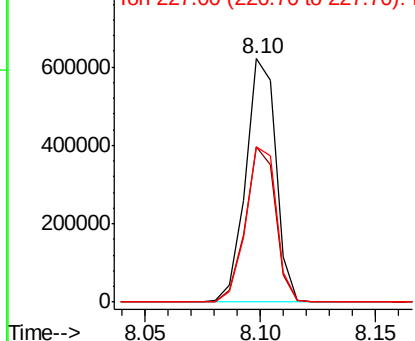
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.9	52.6	78.8

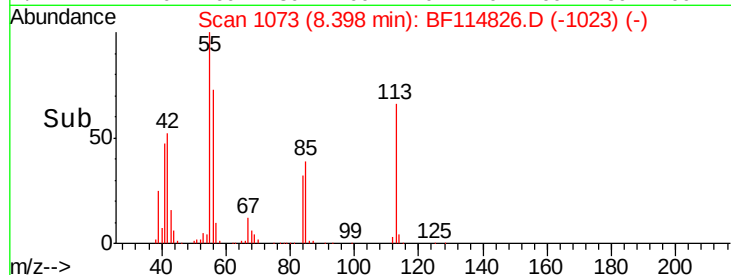
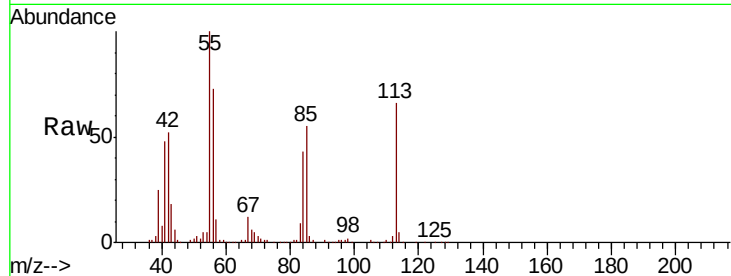
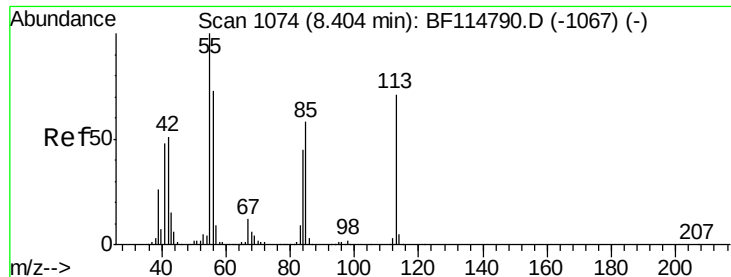
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





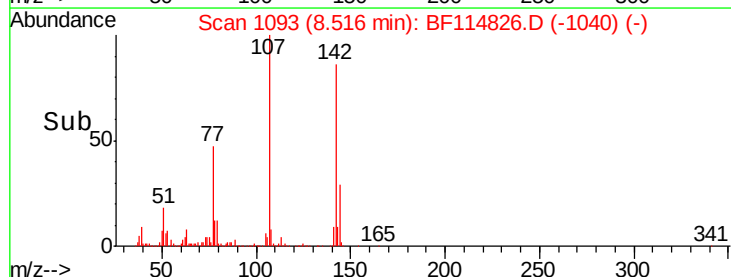
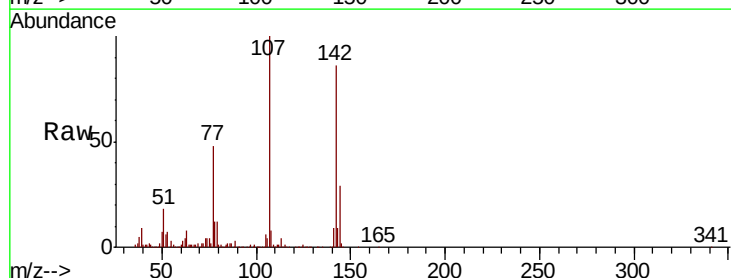
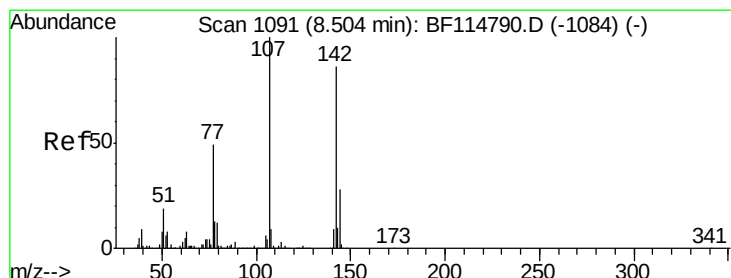
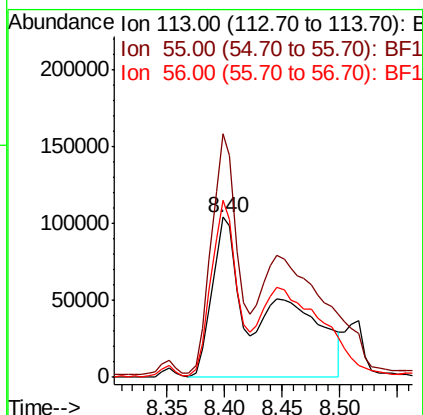
#35
Caprolactam
Concen: 51.549 ng/ml
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.0	121.1	161.1
56	110.3	82.6	122.6

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

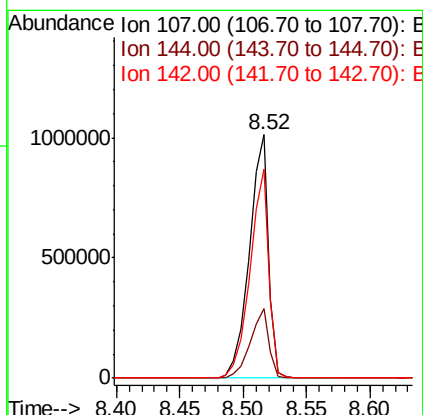
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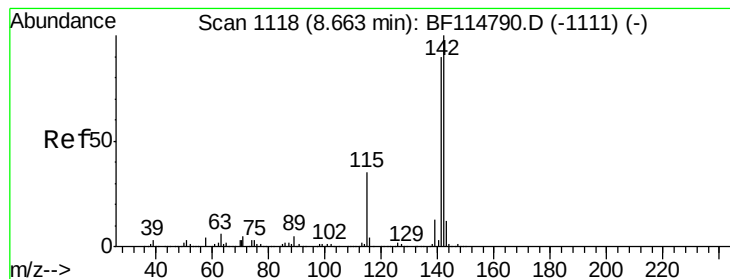
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 52.778 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.1	33.1
142	85.7	68.4	102.6





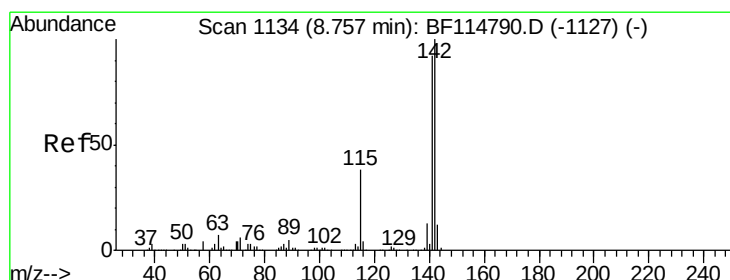
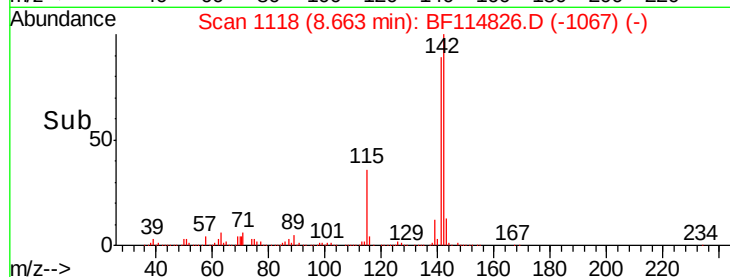
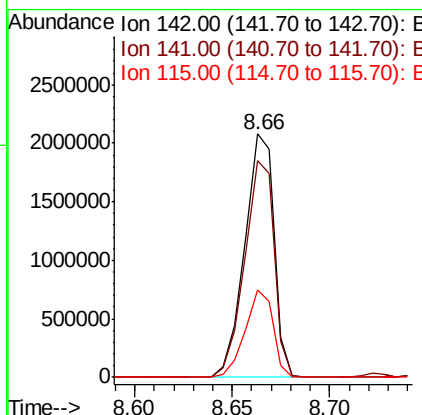
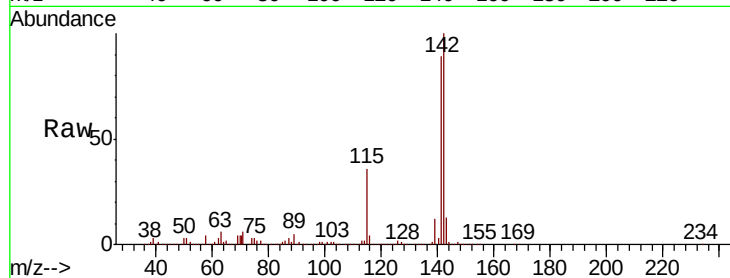
#37
2-Methylnaphthalene
Concen: 49.969 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion:142 Resp: 2174569
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 35.7 28.2 42.4

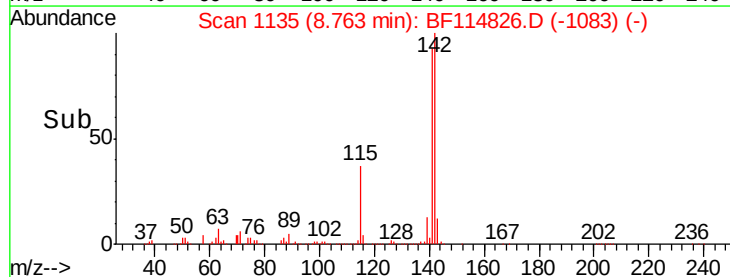
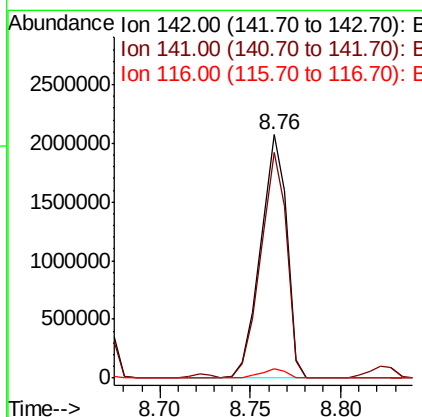
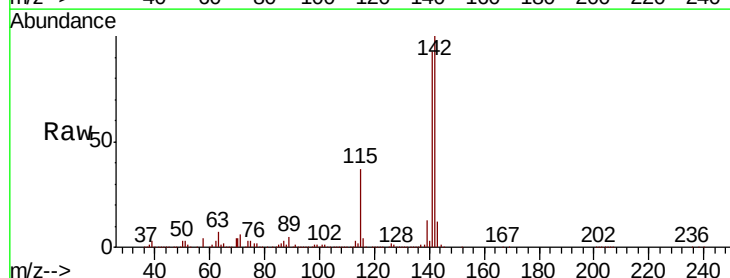
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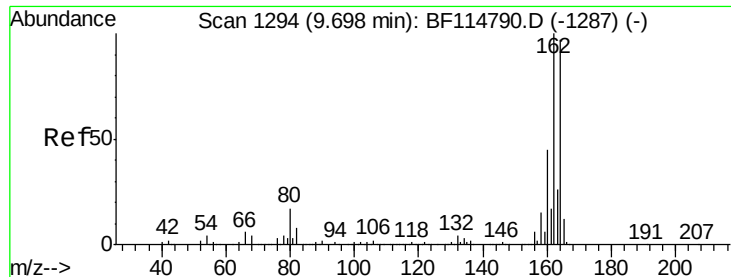
mohammad
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#38
1-Methylnaphthalene
Concen: 50.476 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:142 Resp: 2083152
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 3.9 3.3 4.9





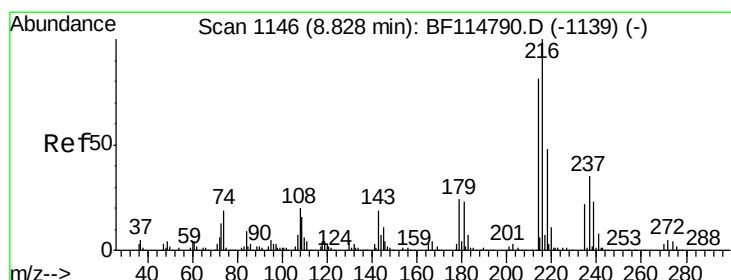
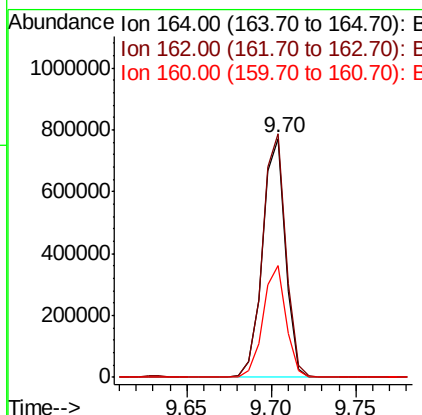
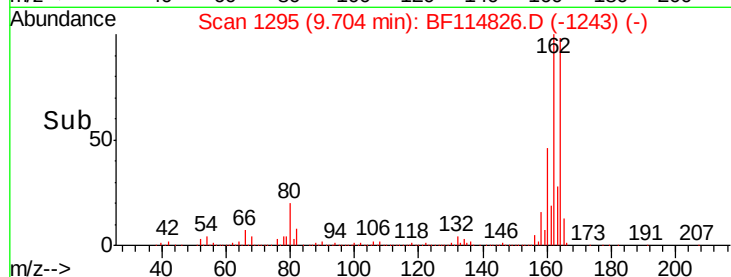
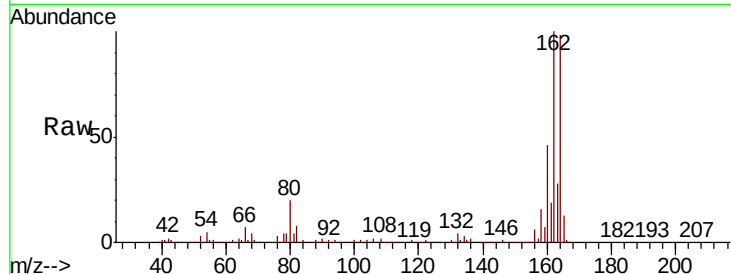
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion:	164	Resp:	724611
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.3	123.5
160	46.5	36.7	55.1

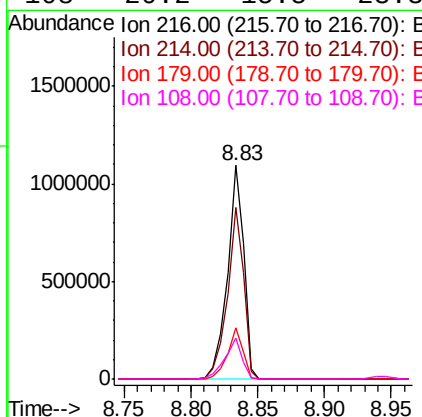
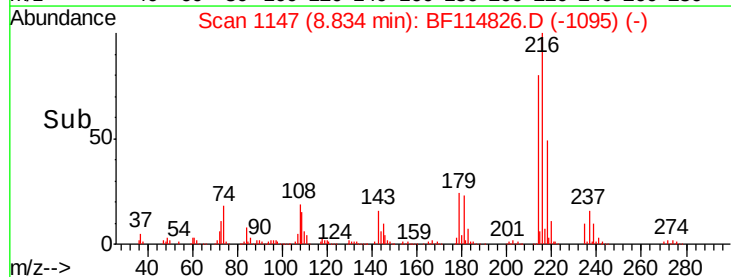
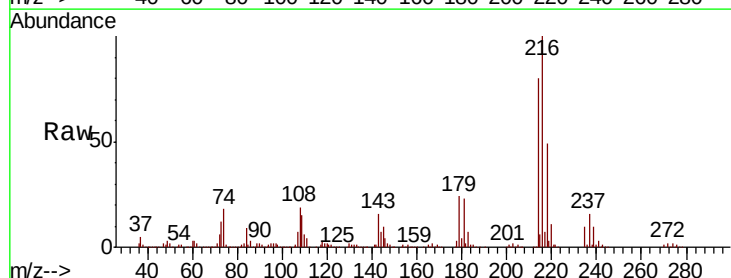
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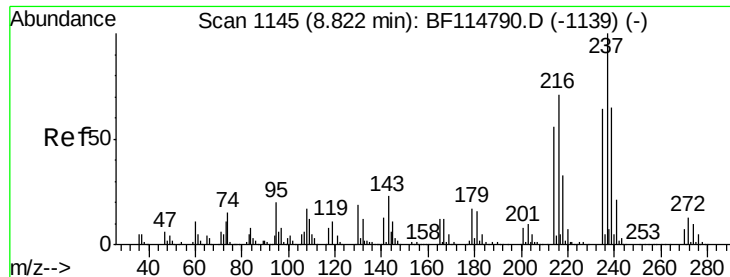
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.445 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:	216	Resp:	948989
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.4	95.2
179	22.9	18.3	27.5
108	20.2	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 60.792 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

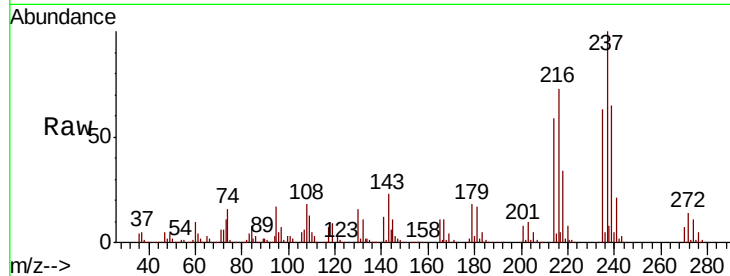
ClientSampleId :

FK-EF-01-011-ABCDMS

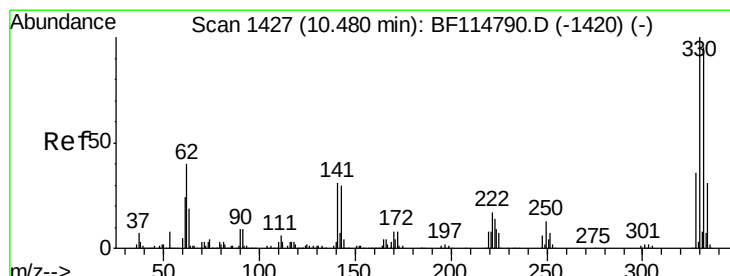
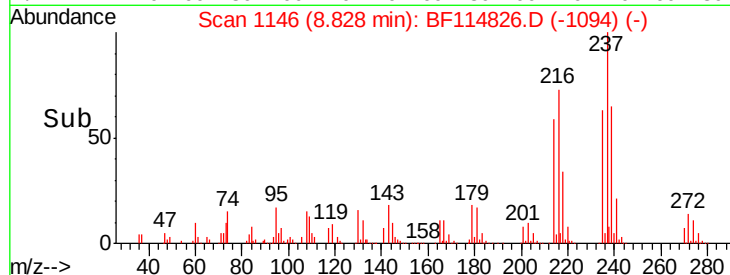
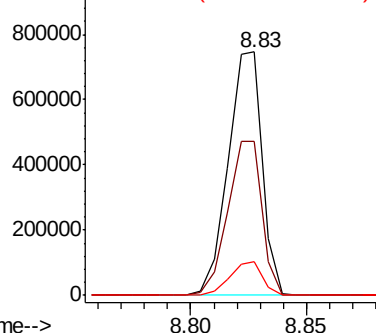
Tot Ion:	237	Resp:	769928
Ion Ratio		Lower	Upper
237	100		
235	63.2	44.0	84.0
272	14.0	0.0	33.4

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: 140.341 ng

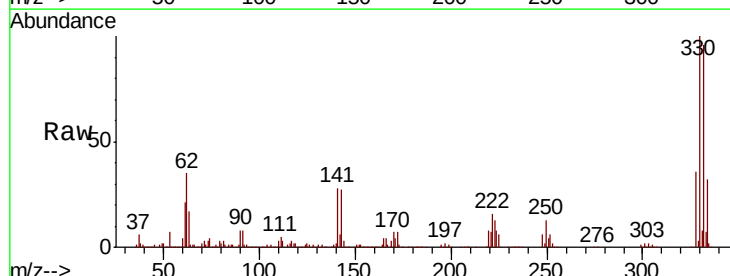
RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

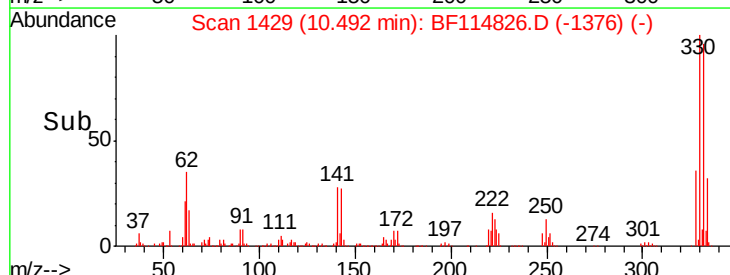
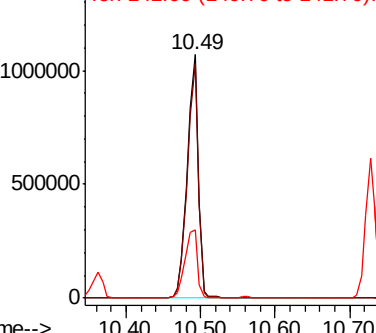
Lab File: BF114826.D

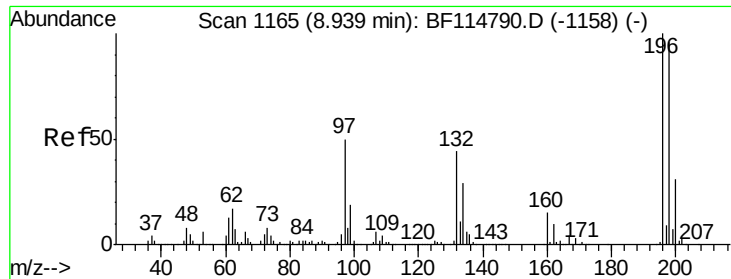
Acq: 5 Jun 2019 19:01

Tgt Ion:	330	Resp:	1095897
Ion Ratio		Lower	Upper
330	100		
332	95.6	77.3	115.9
141	31.4	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: 48.254 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

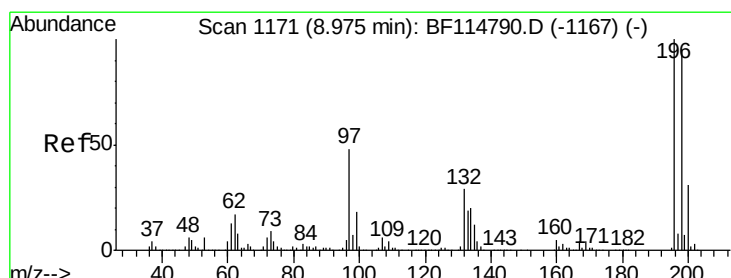
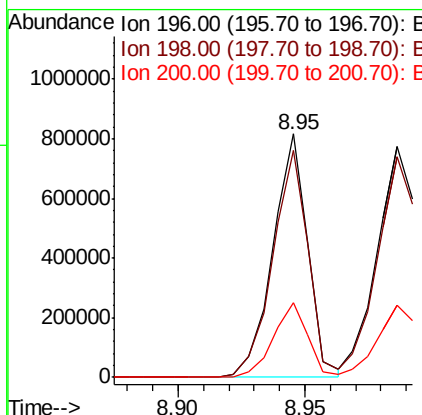
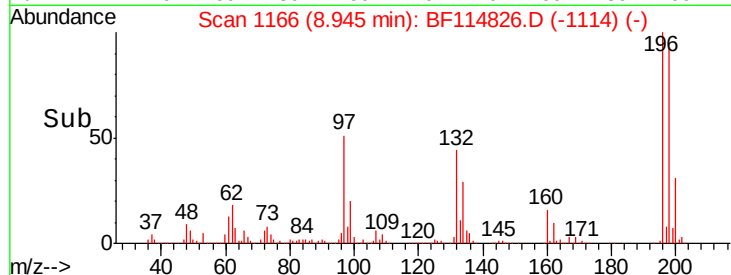
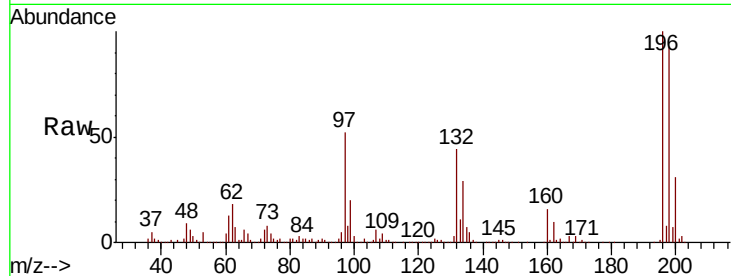
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	196	Resp:	783536
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.1	115.7
200	30.9	24.6	36.8

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#44

2,4,5-Trichlorophenol

Concen: 50.406 ng

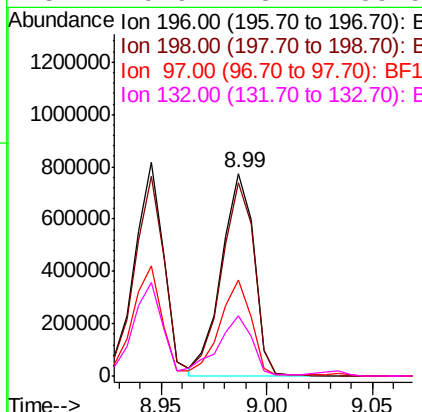
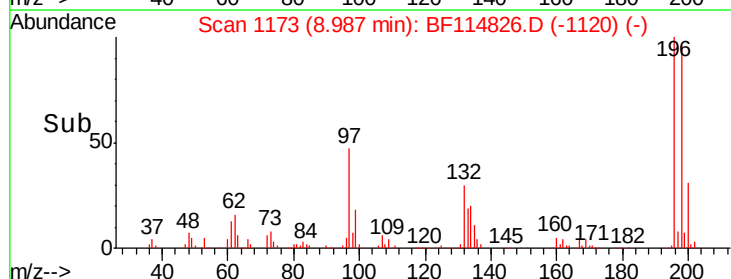
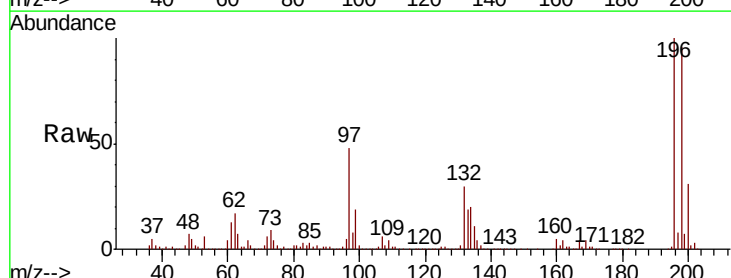
RT: 8.99 min Scan# 1173

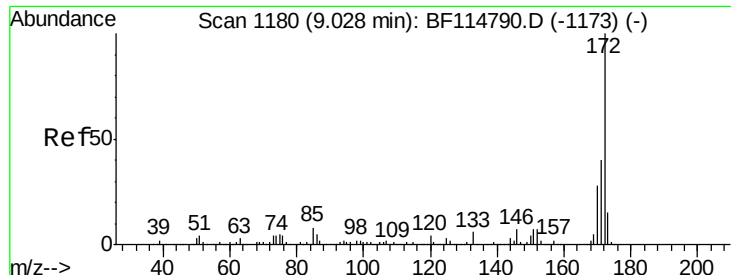
Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	196	Resp:	824295
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
97	47.6	38.2	57.4
132	29.9	23.7	35.5





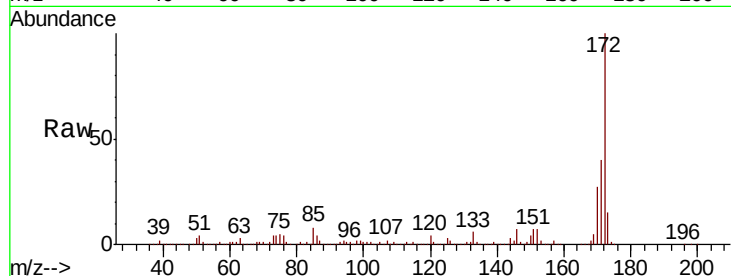
#45
2-Fluorobiphenyl
Concen: 99.037 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

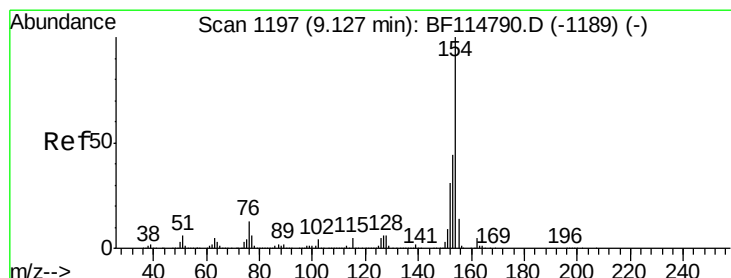
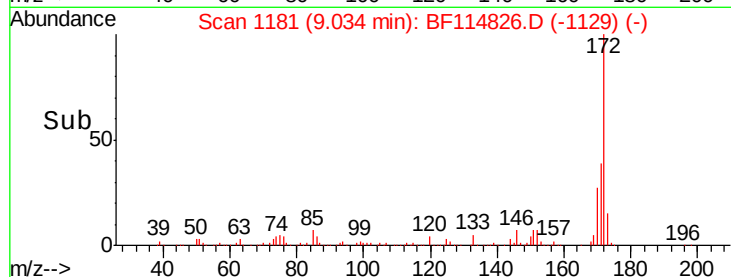
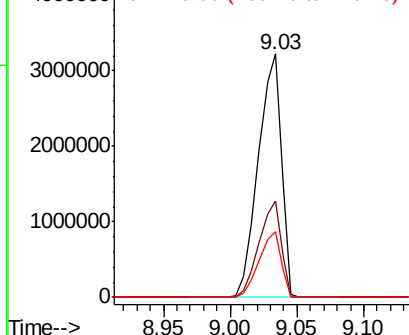
Tot Ion:172 Resp: 3830885
Ion Ratio Lower Upper
172 100
171 39.6 32.3 48.5
170 27.2 22.4 33.6

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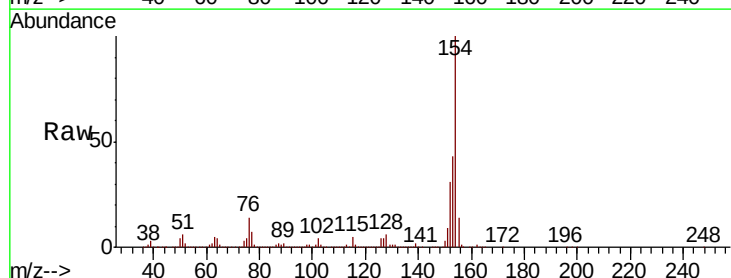


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

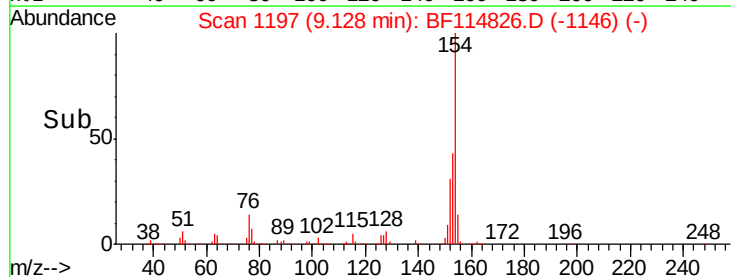
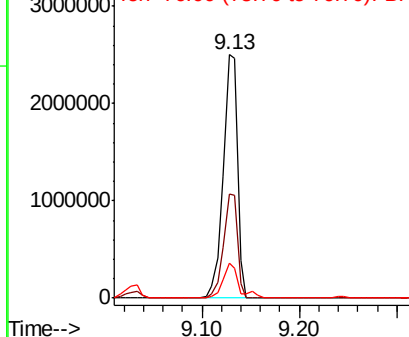


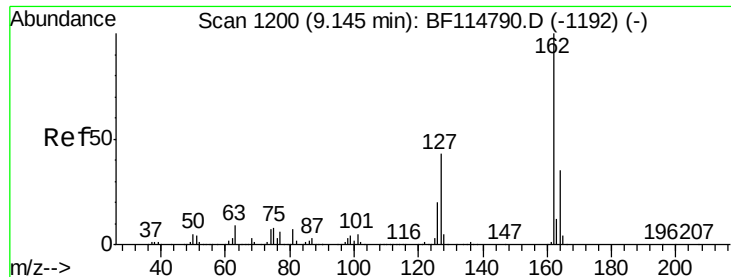
#46
1,1'-Biphenyl
Concen: 47.194 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:154 Resp: 2534517
Ion Ratio Lower Upper
154 100
153 42.8 23.9 63.9
76 14.4 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





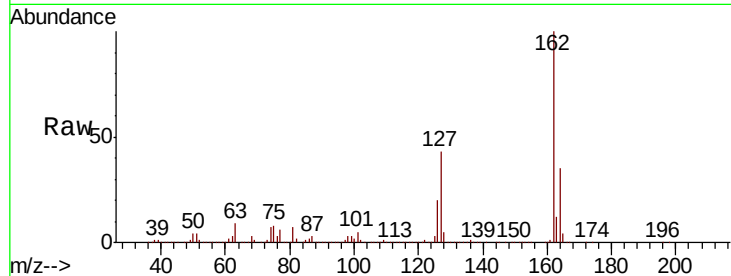
#47
2-Chloronaphthalene
Concen: 46.263 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.6	51.8
164	34.7	27.8	41.8

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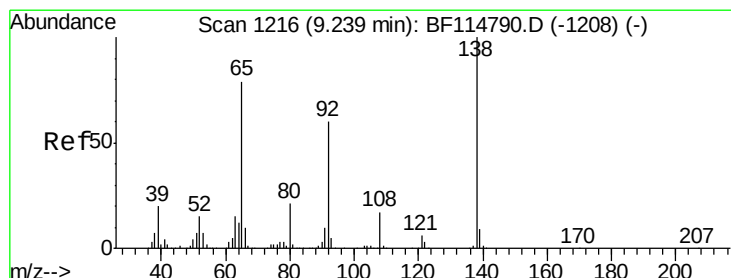
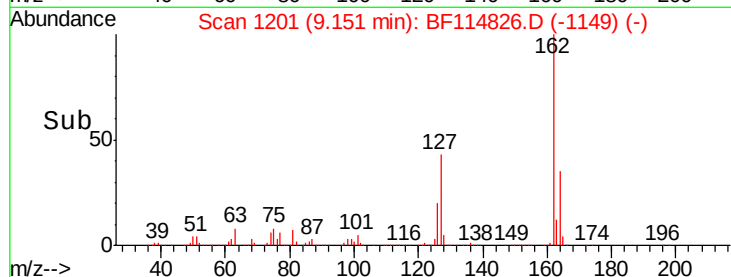
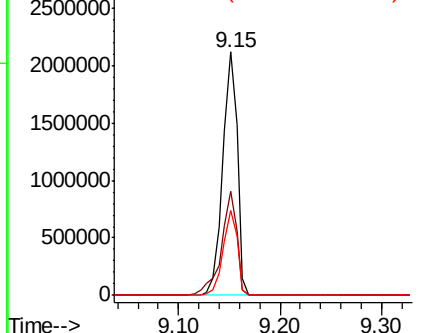


Abundance

Ion 162.00 (161.70 to 162.70): E

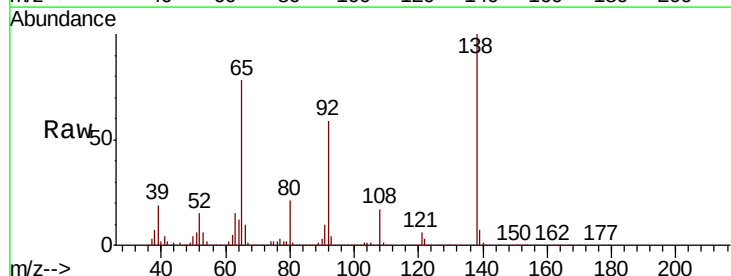
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.693 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.4	90.6
138	128.0	101.2	151.8

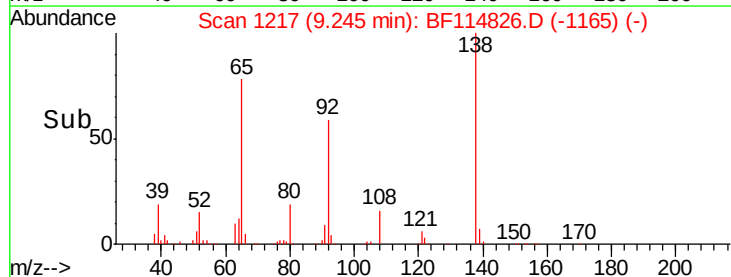
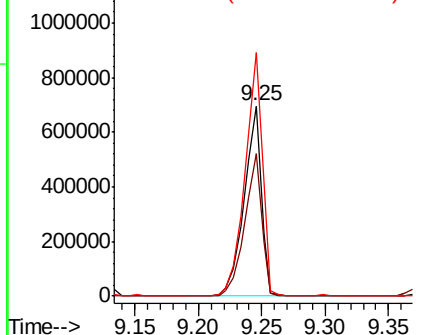


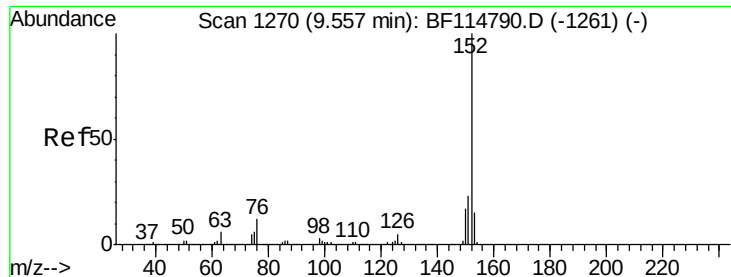
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





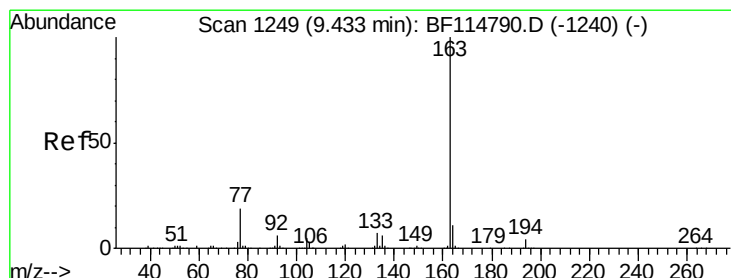
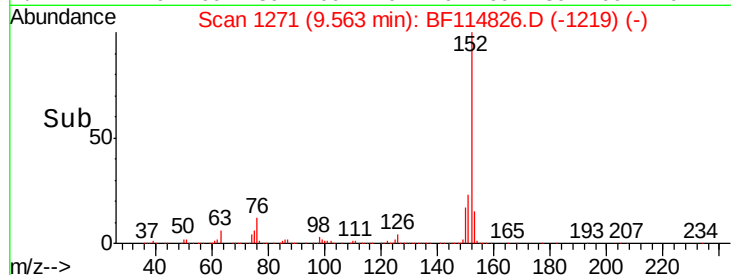
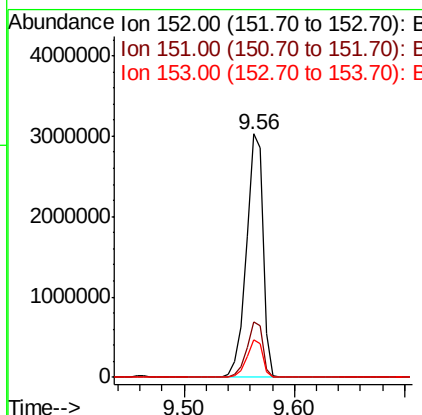
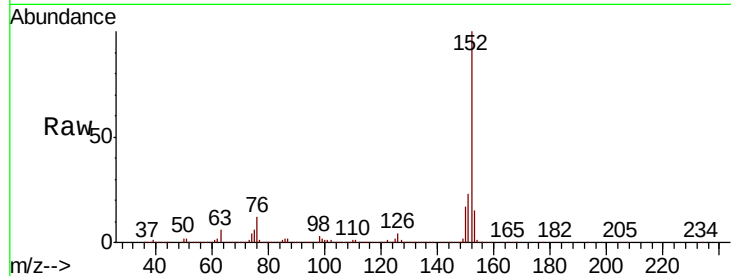
#49
Acenaphthylene
Concen: 48.403 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	22.8	18.3	27.5	
153	15.2	12.3	18.5	

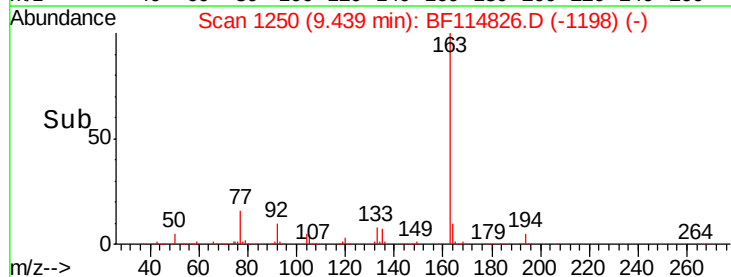
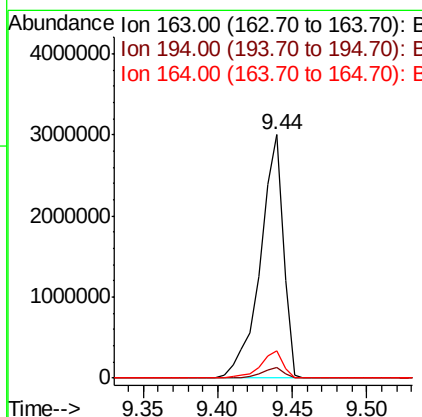
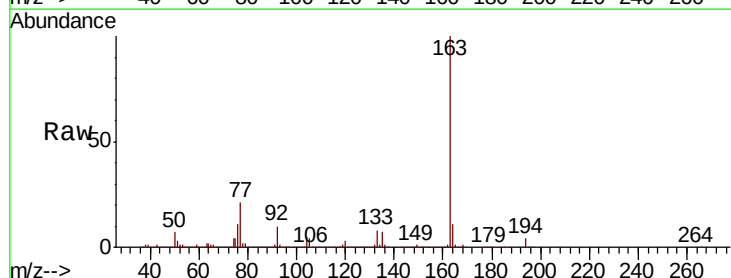
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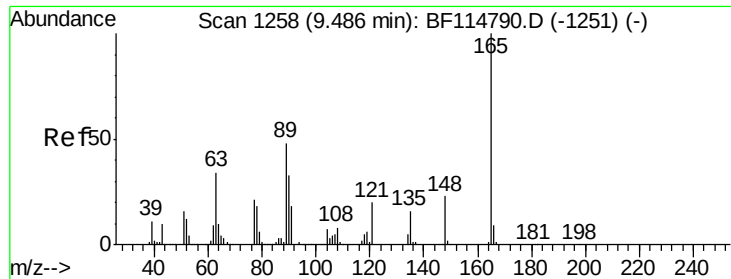
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#50
Dimethylphthalate
Concen: 60.035 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.4	5.2	
164	11.4	8.6	13.0	





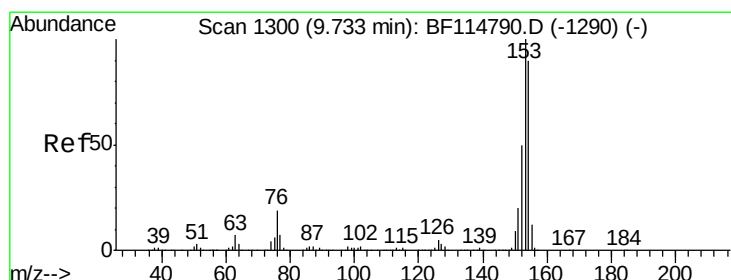
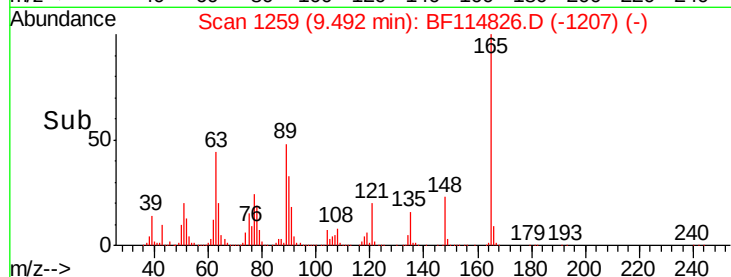
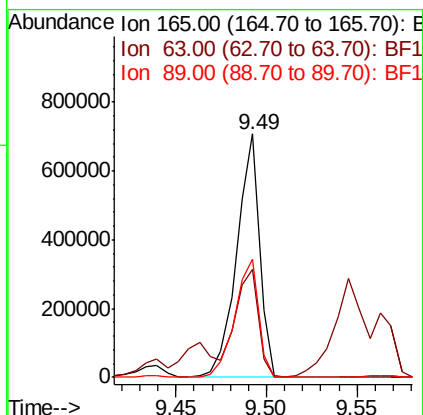
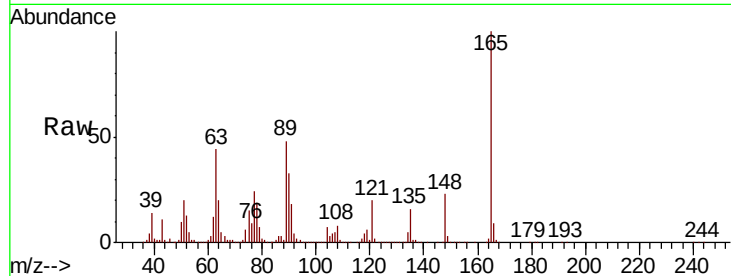
#51
 2,6-Dinitrotoluene
 Concen: 49.758 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	619302		
63	44.2		35.1	52.7
89	48.3		38.2	57.2

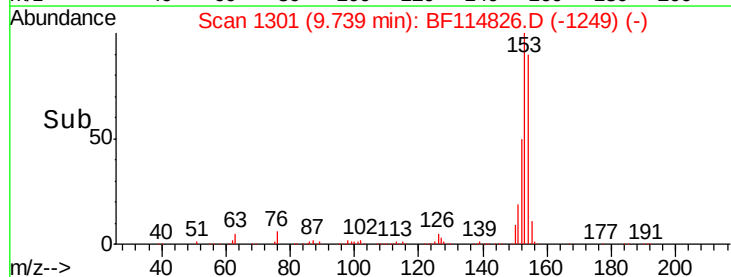
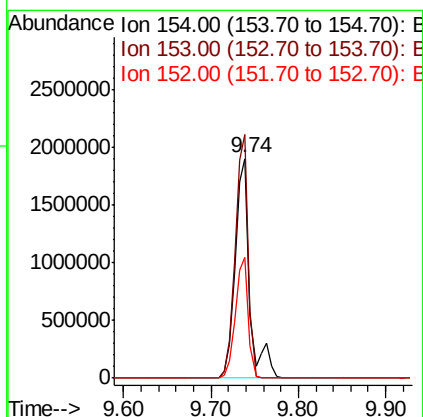
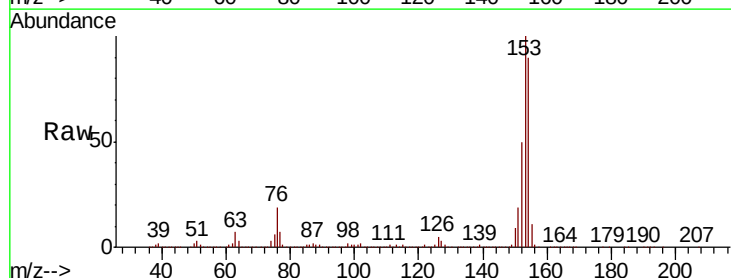
Manual Integrations
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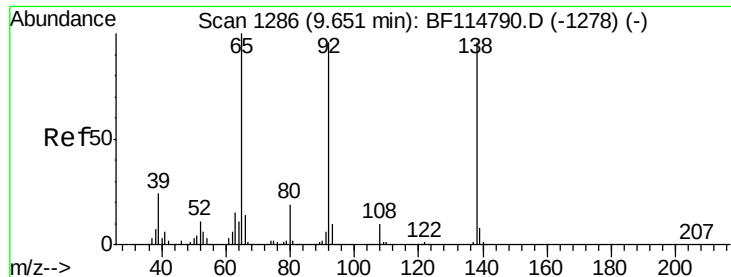
mohammad
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#52
 Acenaphthene
 Concen: 50.355 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2182932		
153	111.0		88.5	132.7
152	55.1		44.1	66.1





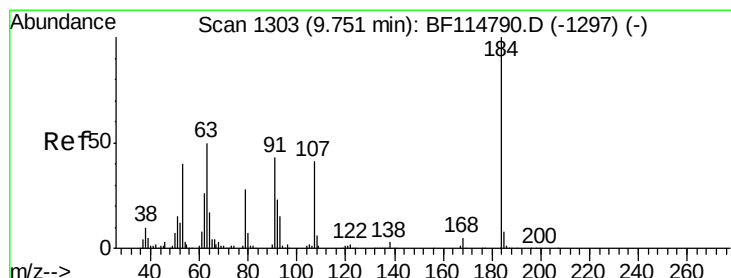
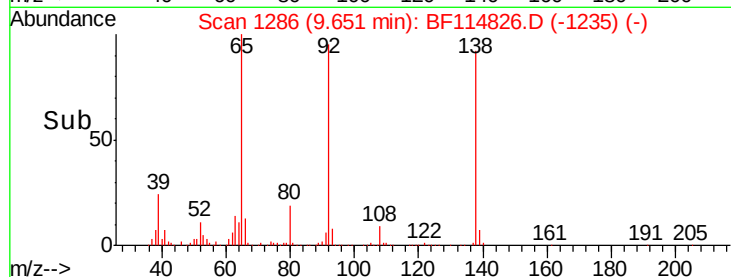
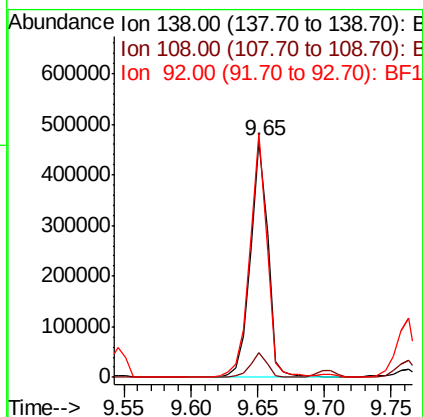
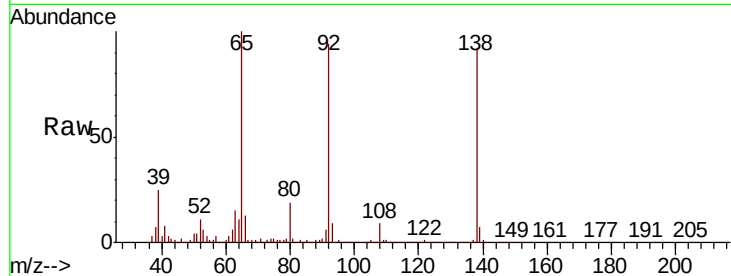
#53
3-Nitroaniline
Concen: 28.431 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	103.2	79.9	119.9

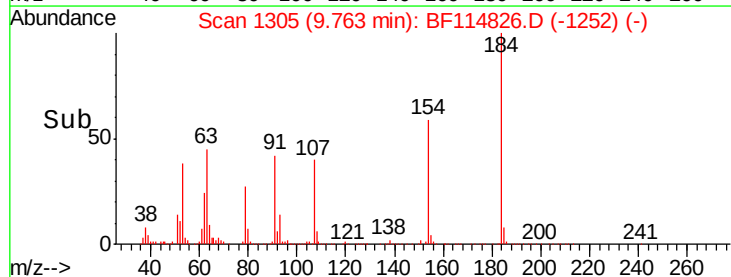
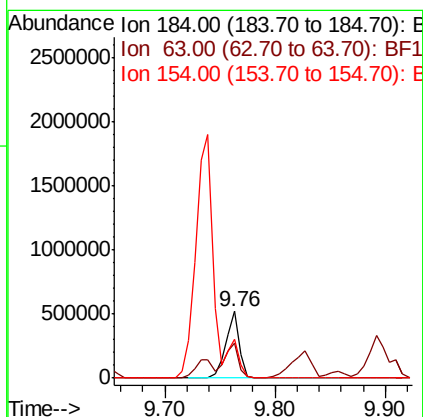
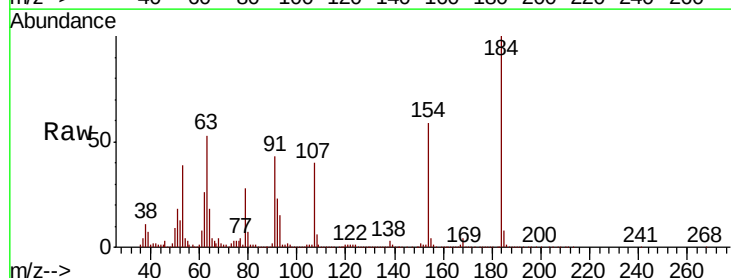
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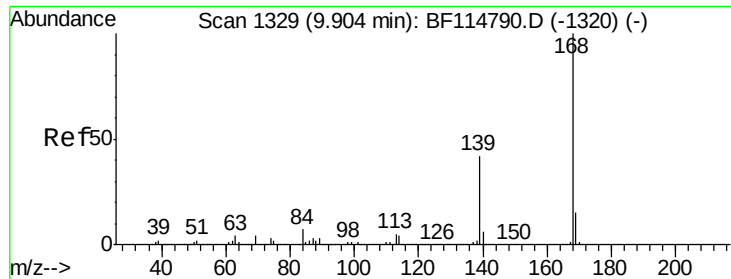
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#54
2,4-Dinitrophenol
Concen: 80.936 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	44.1	66.1
154	58.7	48.1	72.1





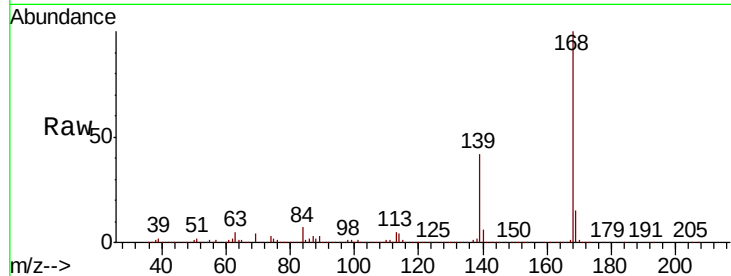
#55
Dibenzofuran
Concen: 46.452 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

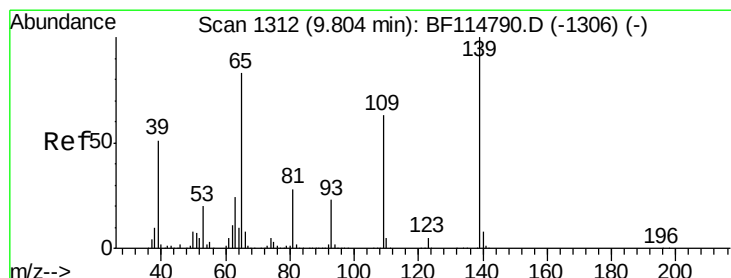
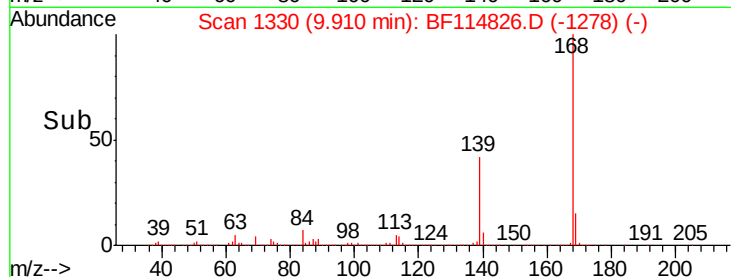
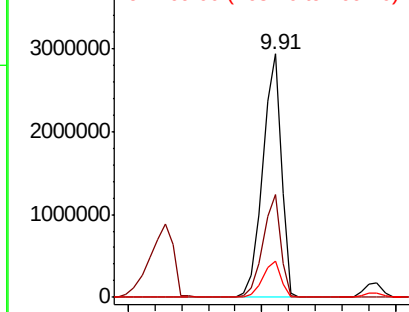
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.8	50.6
169	15.0	11.9	17.9

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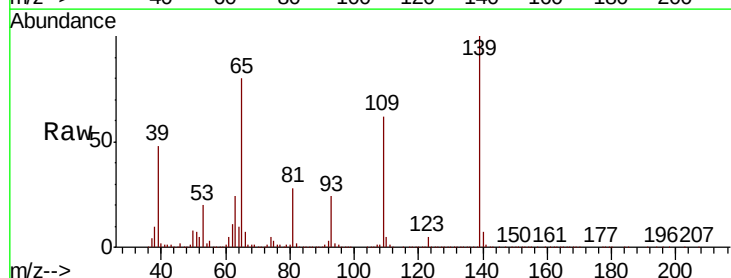


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

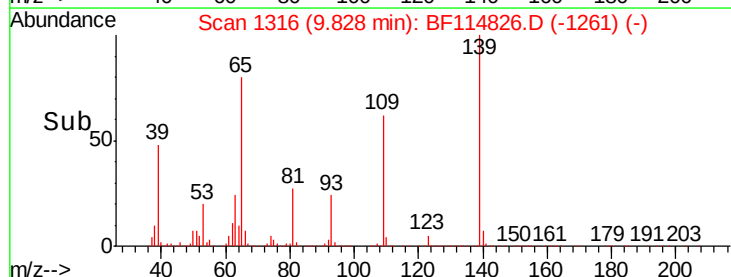
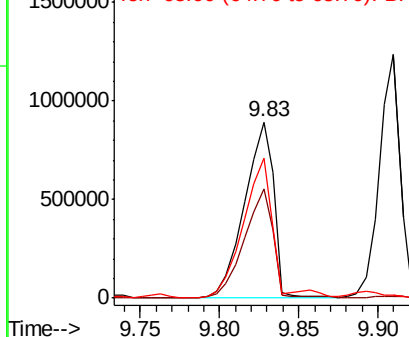


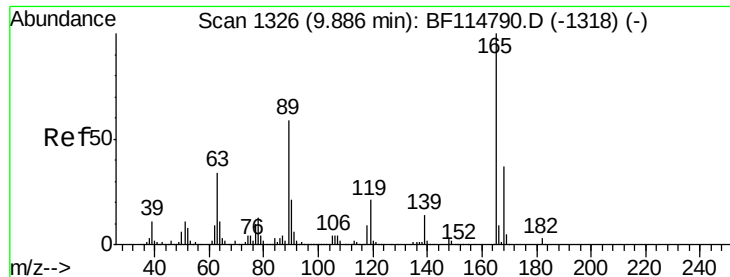
#56
4-Nitrophenol
Concen: 106.691 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	43.5	83.5
65	79.8	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





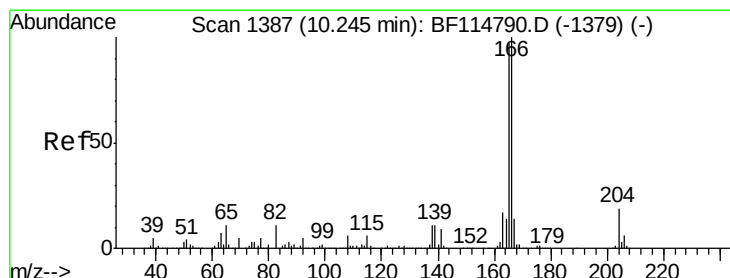
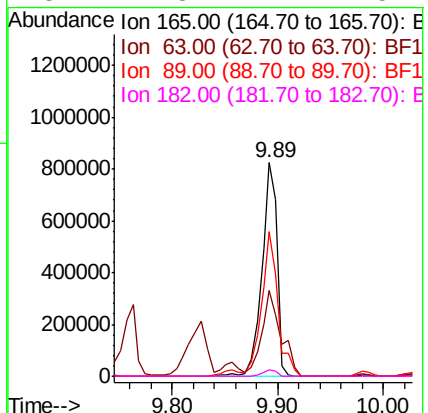
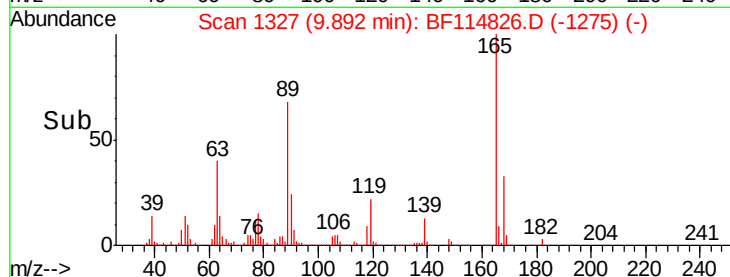
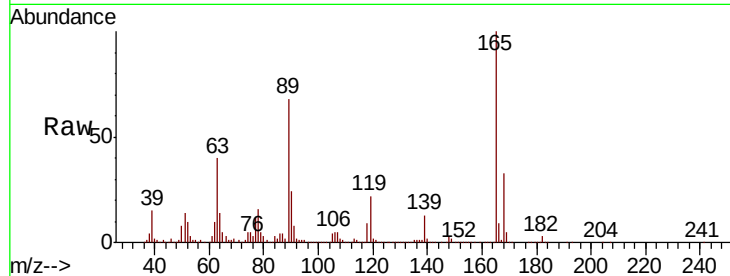
#57
2,4-Dinitrotoluene
Concen: 53.125 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		831212		
63	40.4	27.0	40.4		
89	67.6	47.0	70.6		
182	2.8	2.2	3.2		

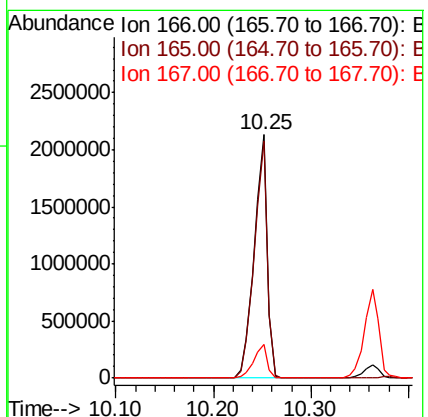
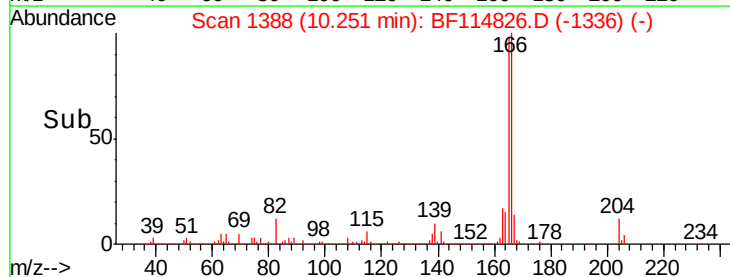
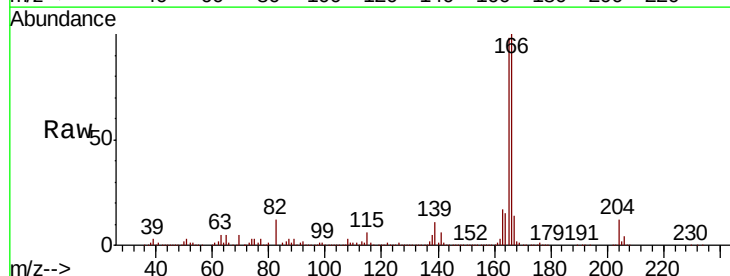
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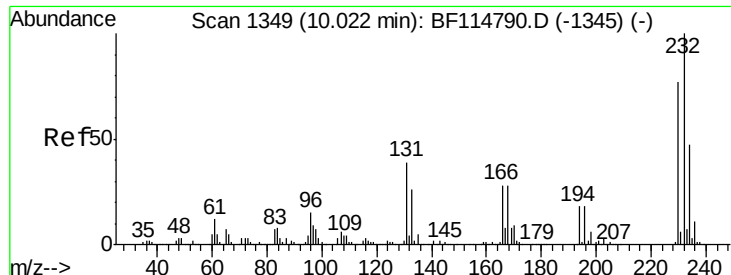
mohammad
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#58
Fluorene
Concen: 52.635 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1973172		
165	97.6	77.9	116.9		
167	14.0	11.3	16.9		





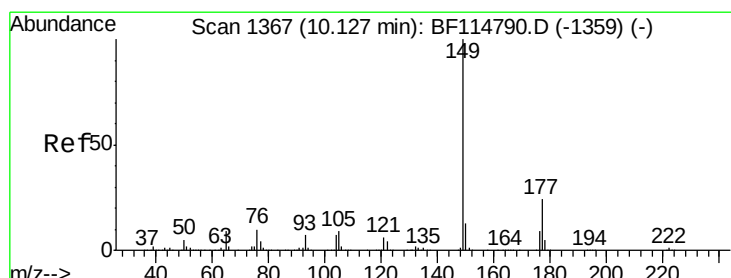
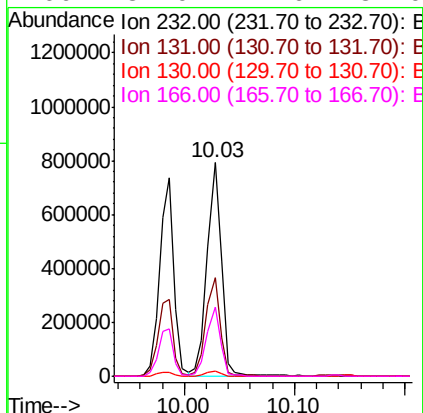
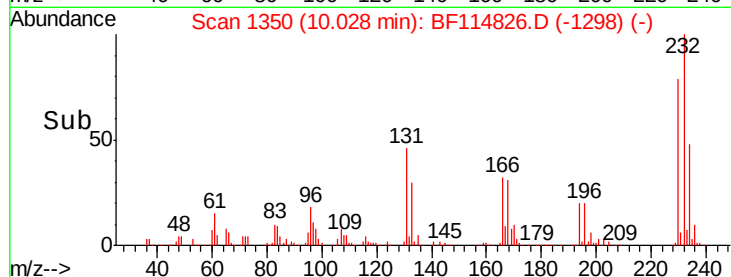
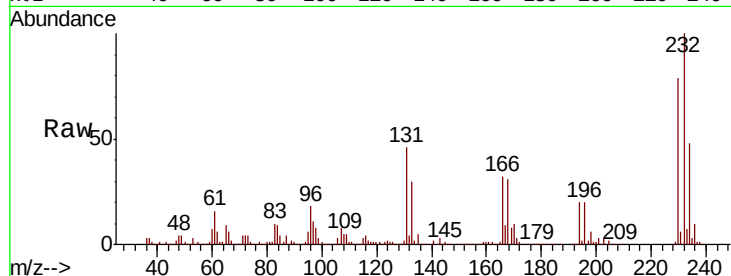
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.523 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.8	55.2
130	2.2	1.8	2.6
166	31.0	24.6	37.0

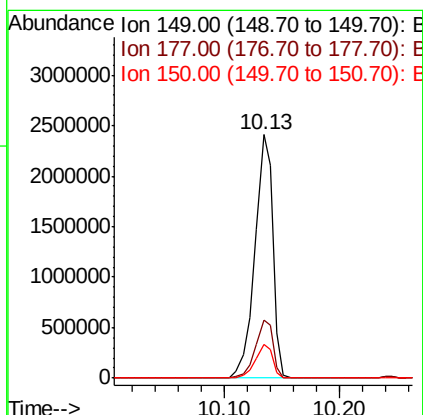
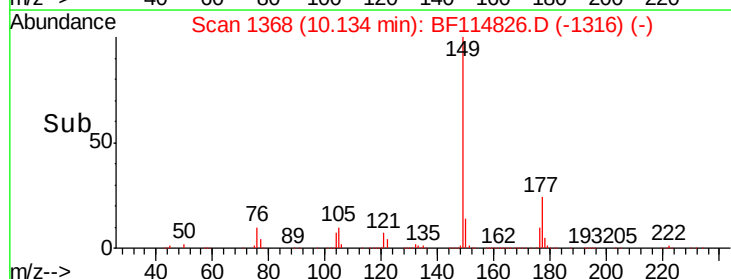
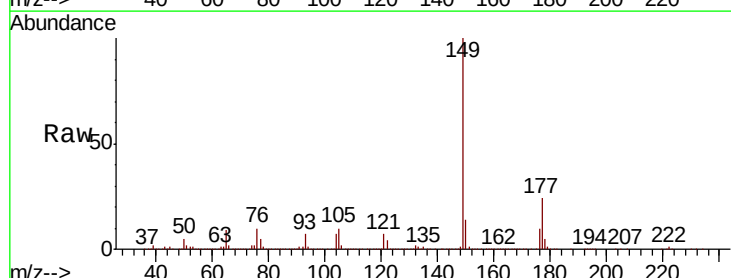
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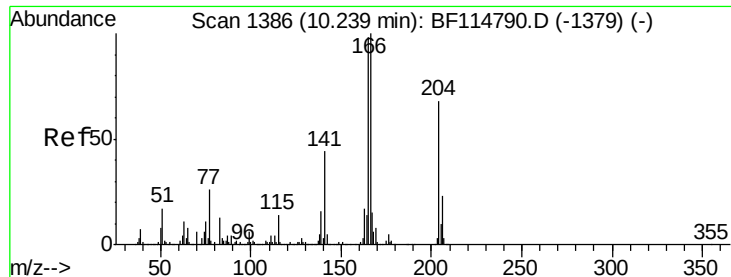
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#60
Diethylphthalate
Concen: 49.093 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.8	10.7	16.1





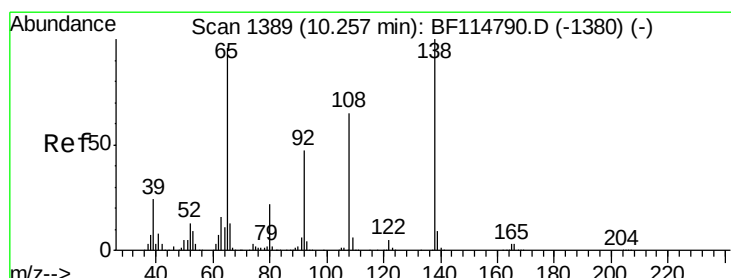
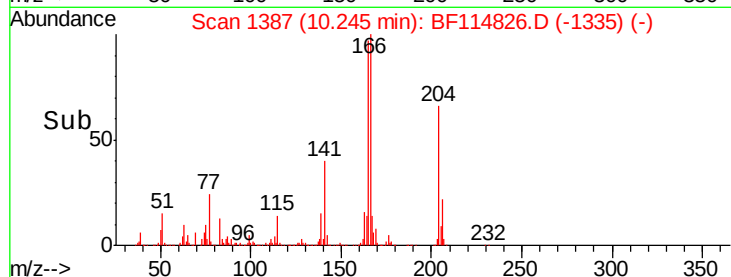
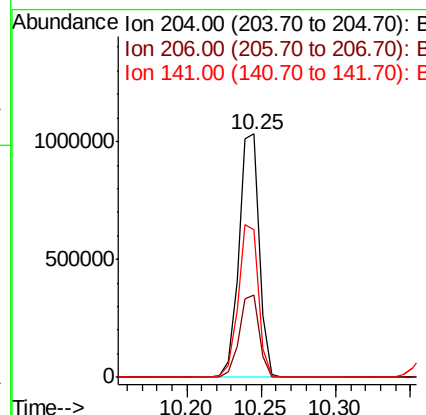
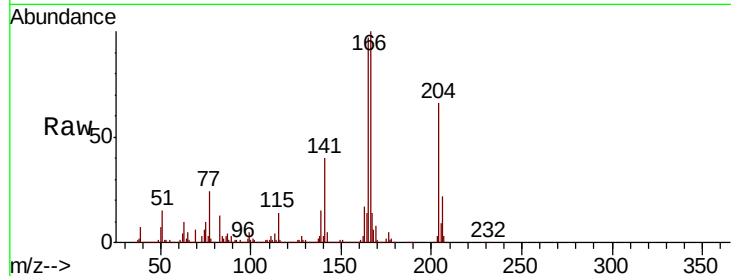
#61
 4-Chlorophenyl-phenylether
 Concen: 42.843 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

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

Tot Ion:	204	Resp:	989154
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.5	39.7
141	60.8	51.0	76.4

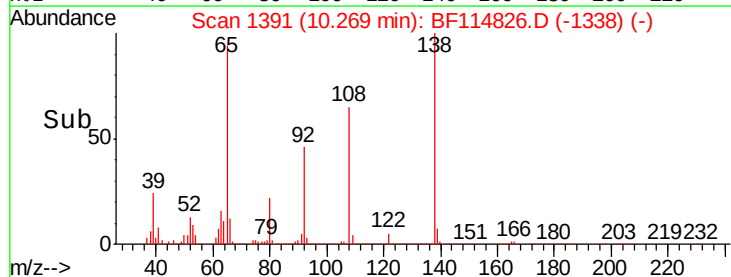
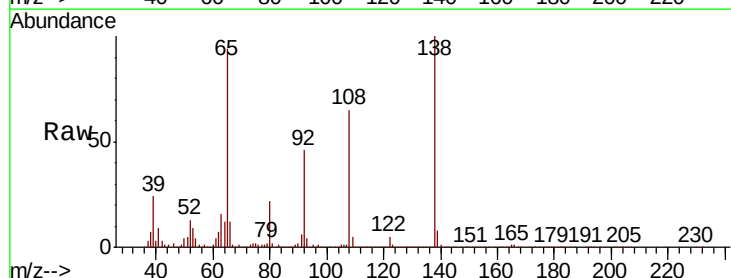
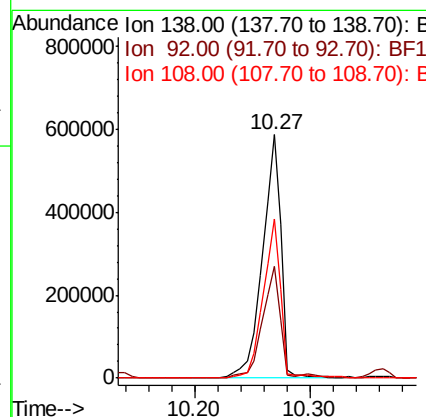
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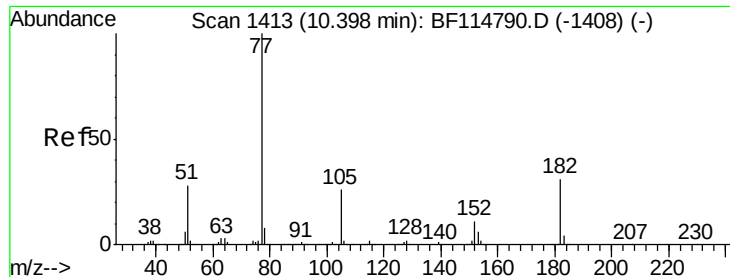
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#62
 4-Nitroaniline
 Concen: 47.007 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion:	138	Resp:	662909
Ion Ratio	Lower	Upper	
138	100		
92	45.7	26.5	66.5
108	65.2	45.4	85.4





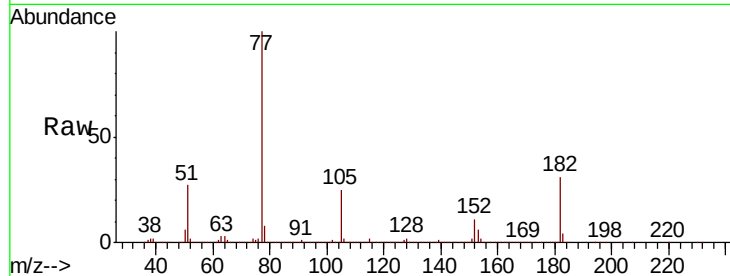
#63
Azobenzene
Concen: 50.520 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

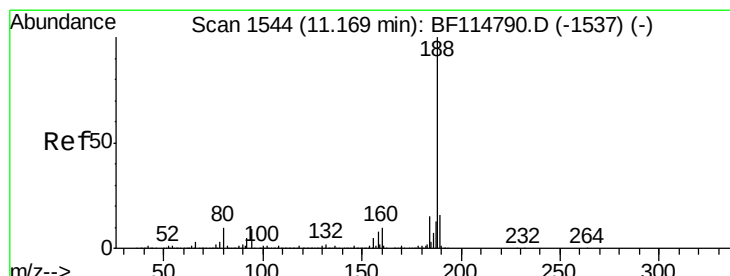
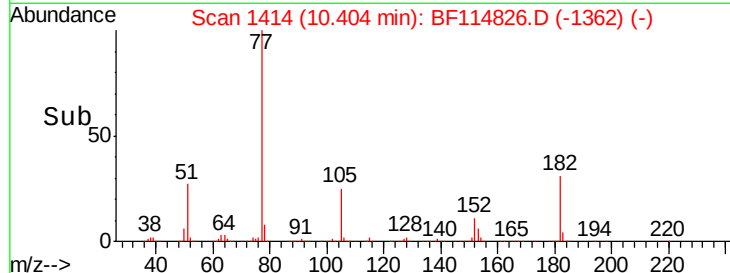
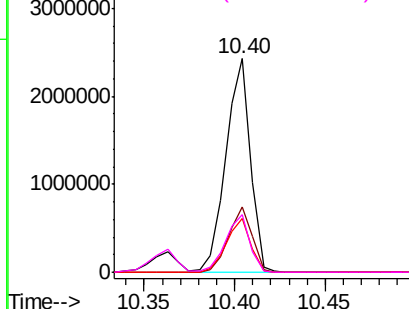
Tot Ion: 77 Resp: 2283725
Ion Ratio Lower Upper
77 100
182 30.7 11.2 51.2
105 25.3 5.7 45.7
51 27.2 8.0 48.0

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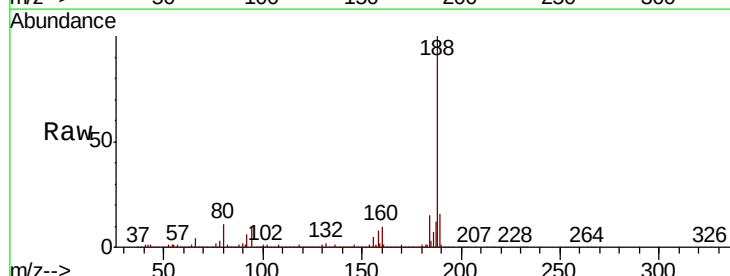


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

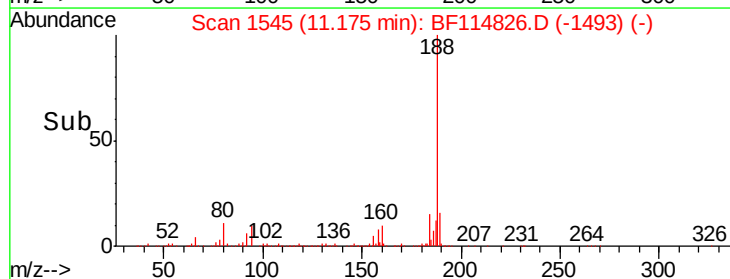
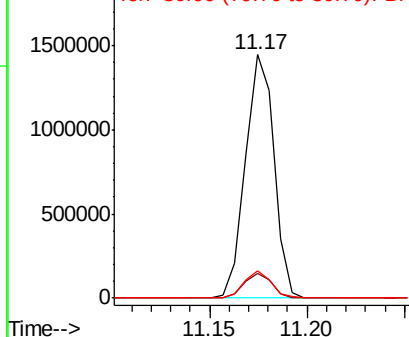


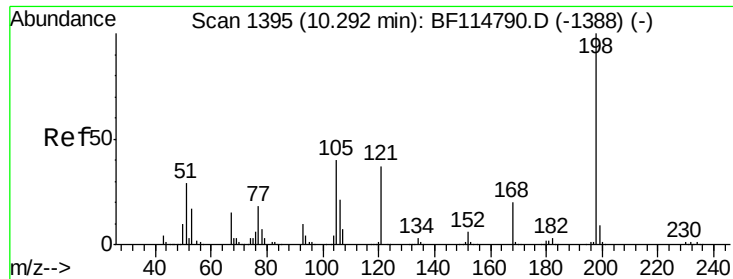
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion: 188 Resp: 1472712
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 11.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.623 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

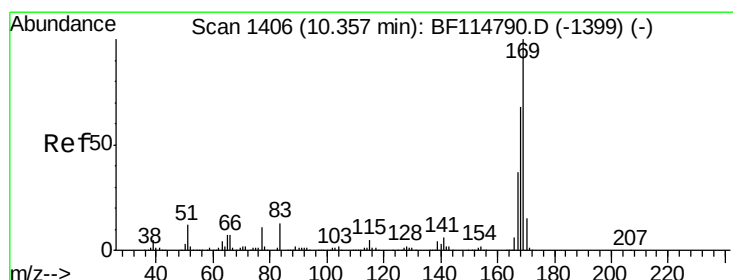
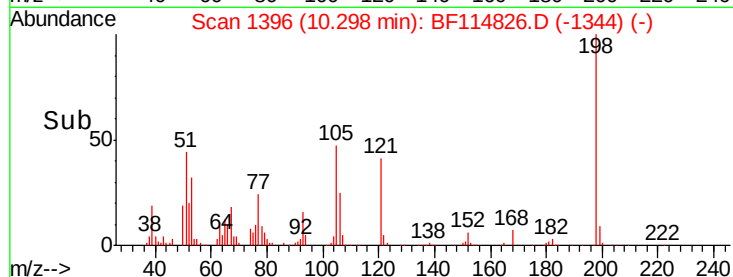
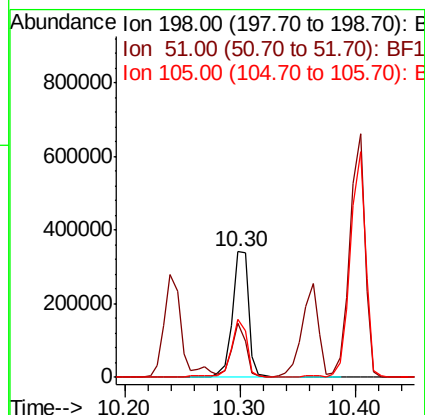
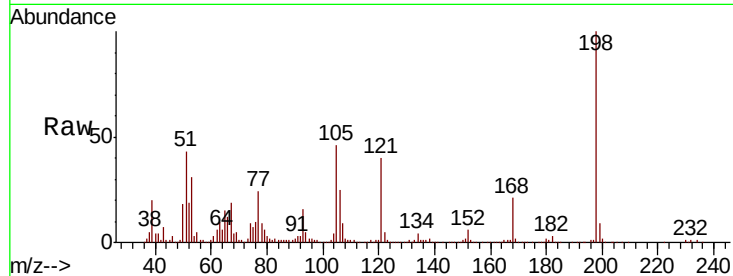
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	198	Resp:	333722
Ion Ratio	Lower	Upper	
198	100		
51	42.7	14.9	54.9
105	45.8	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 46.986 ng

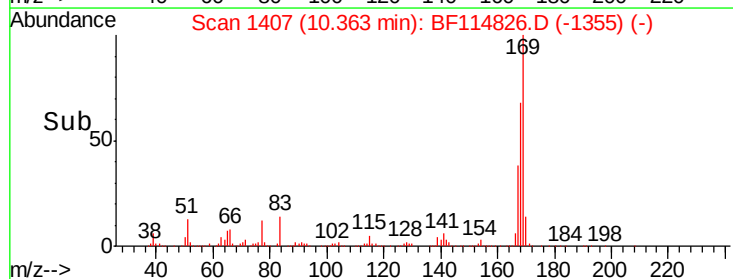
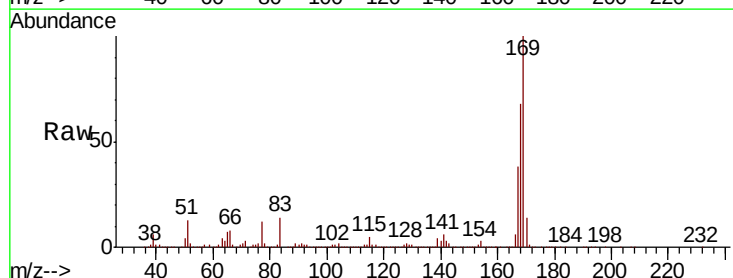
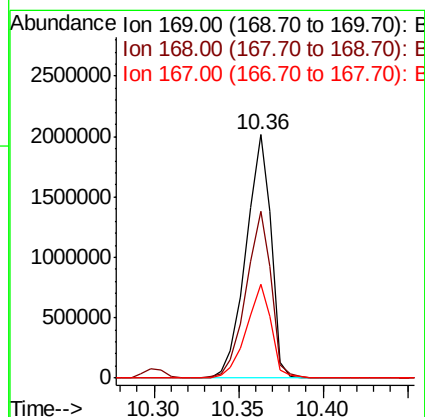
RT: 10.36 min Scan# 1407

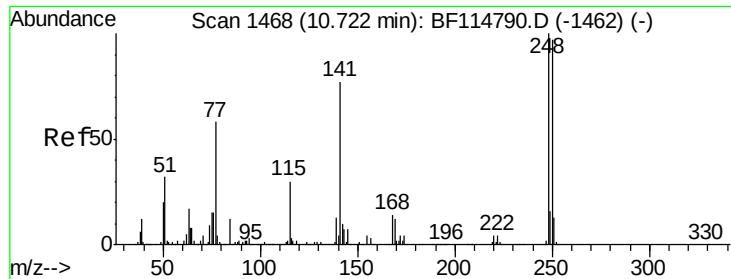
Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	169	Resp:	2092370
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.3	81.5
167	38.3	29.9	44.9





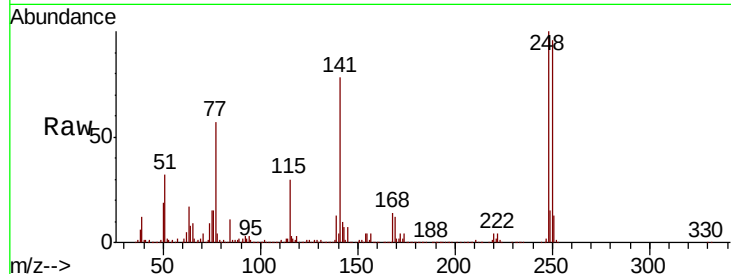
#67
4-Bromophenyl-phenylether
Concen: 44.355 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.5	116.3
141	78.2	61.8	92.8

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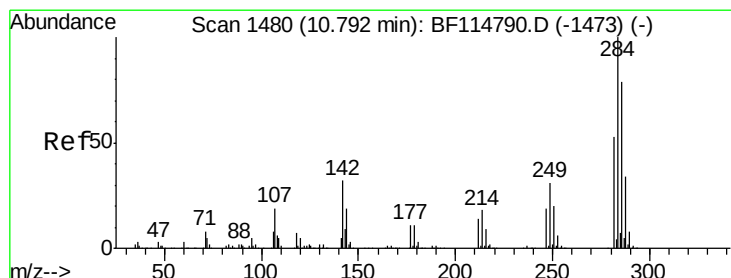
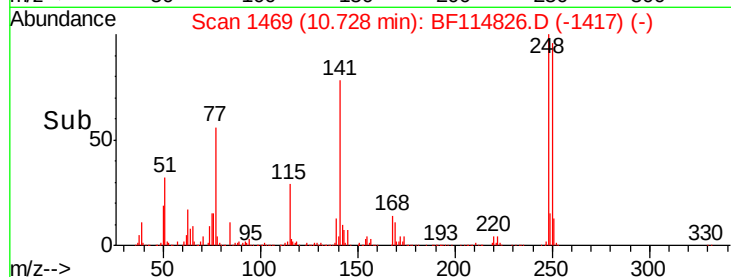
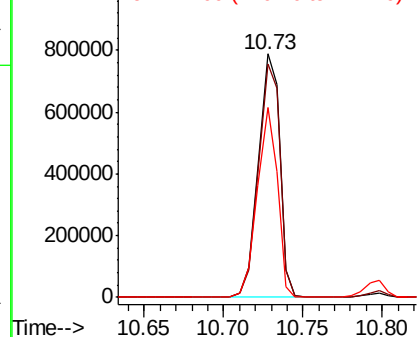


Abundance

Ion 248.00 (247.70 to 248.70): E

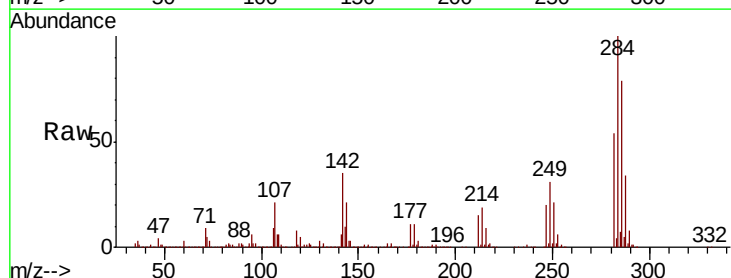
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.108 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	25.3	37.9
249	31.4	24.9	37.3

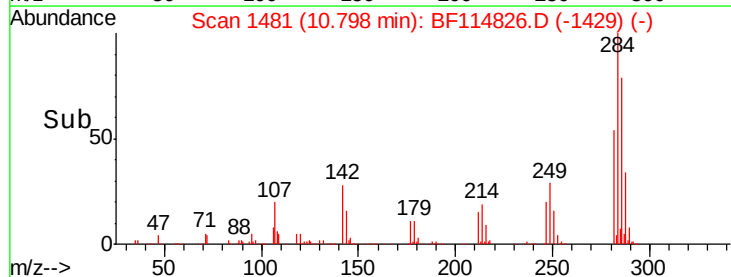
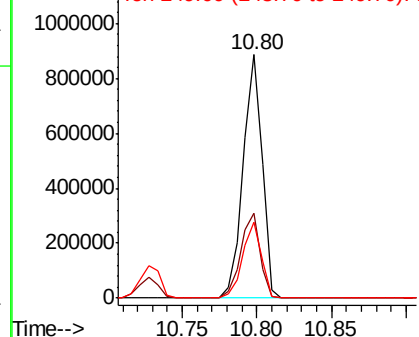


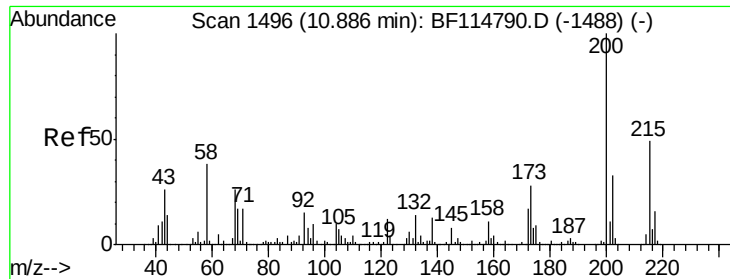
Abundance

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: 46.985 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

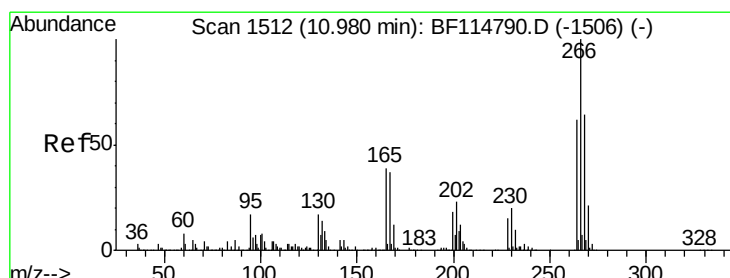
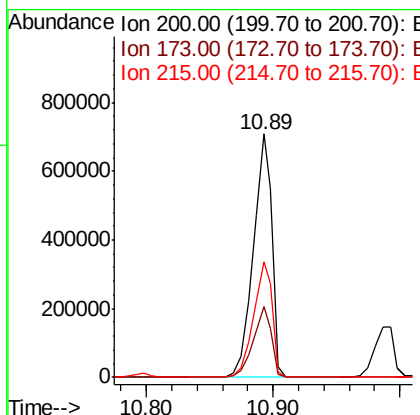
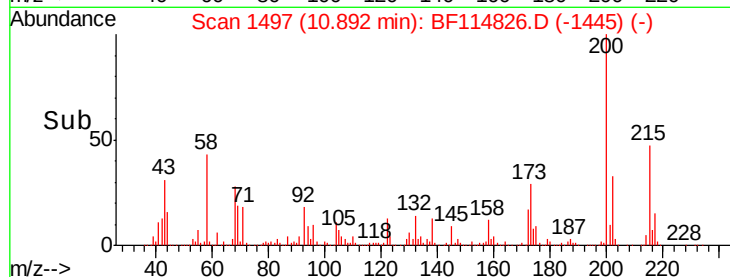
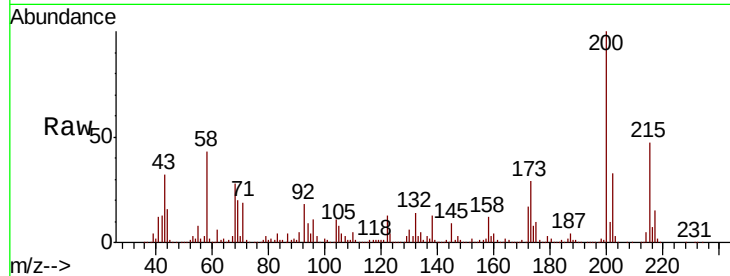
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	200	Resp:	727683
Ion Ratio	Lower	Upper	
200	100		
173	29.0	8.0	48.0
215	47.5	28.7	68.7

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#70

Pentachlorophenol

Concen: 83.979 ng

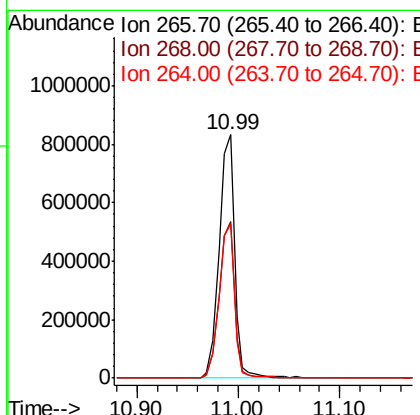
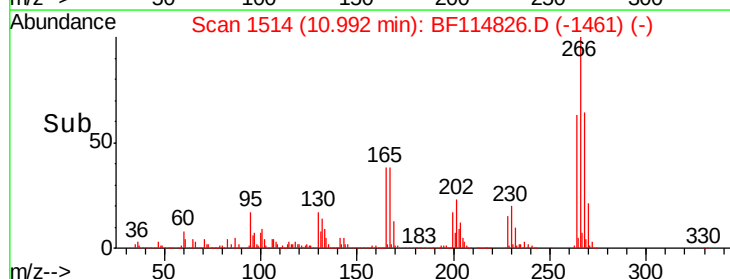
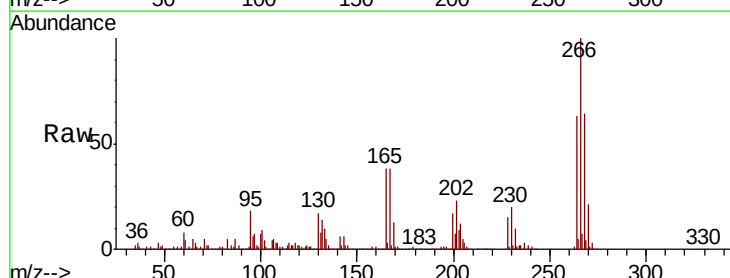
RT: 10.99 min Scan# 1514

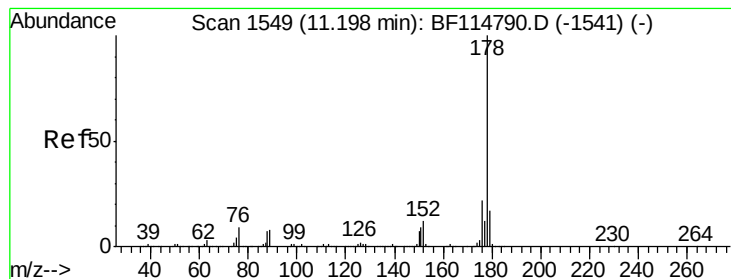
Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	266	Resp:	888701
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.0	76.6
264	63.0	49.6	74.4





#71

Phenanthrene

Concen: 46.854 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:178 Resp: 3294073

Ion Ratio Lower Upper

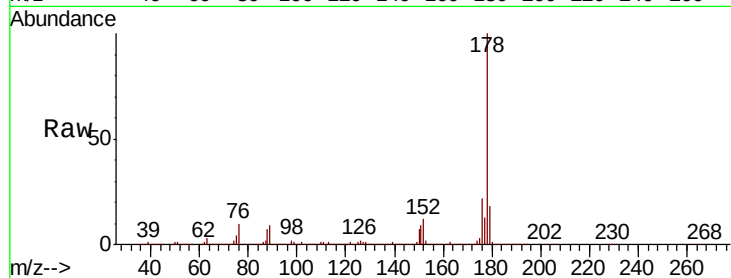
178 100

176 22.4 17.7 26.5

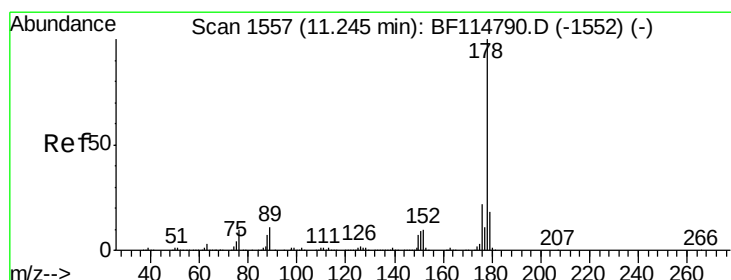
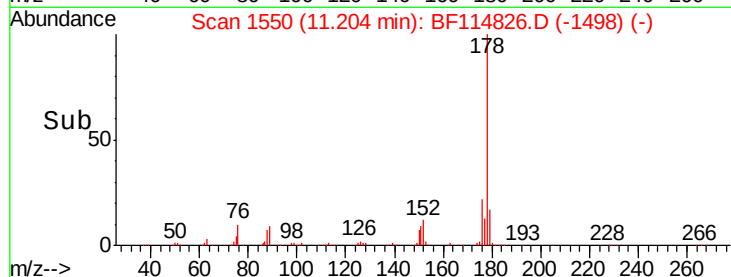
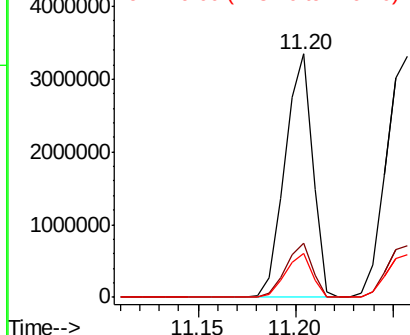
179 17.8 13.7 20.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.450 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:178 Resp: 3362854

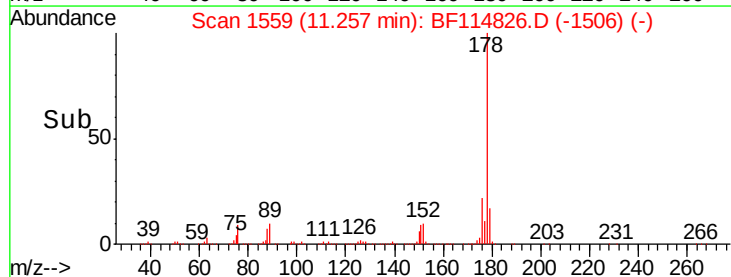
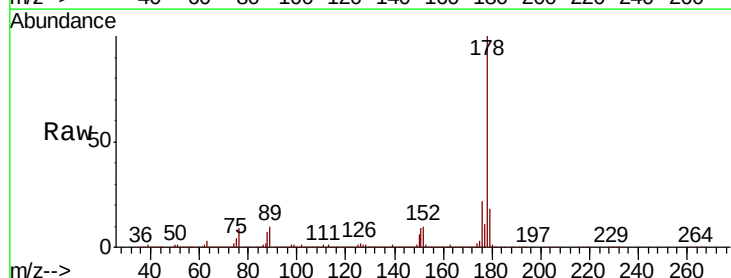
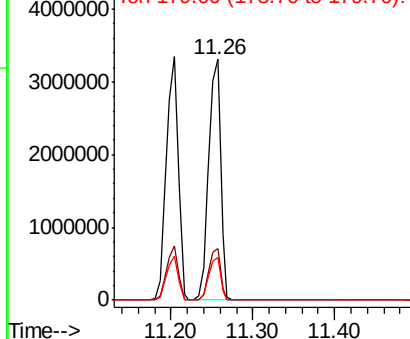
Ion Ratio Lower Upper

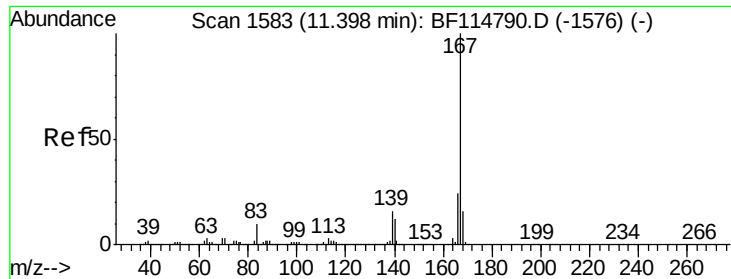
178 100

176 21.7 17.4 26.0

179 17.6 14.2 21.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





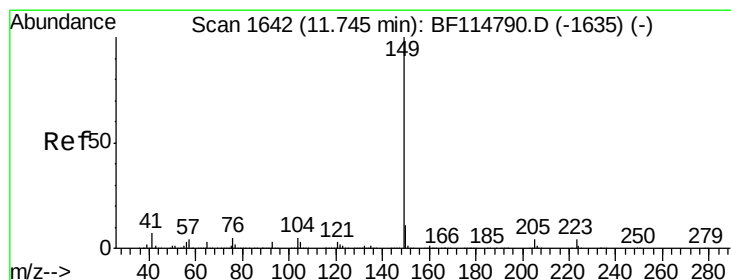
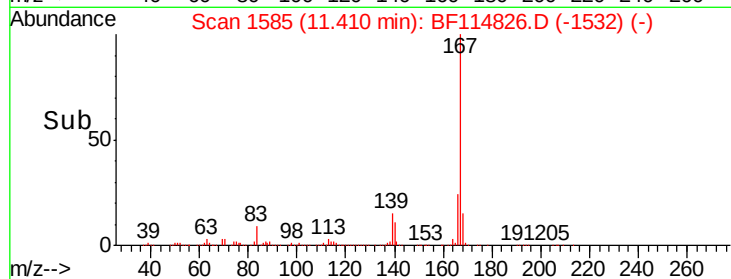
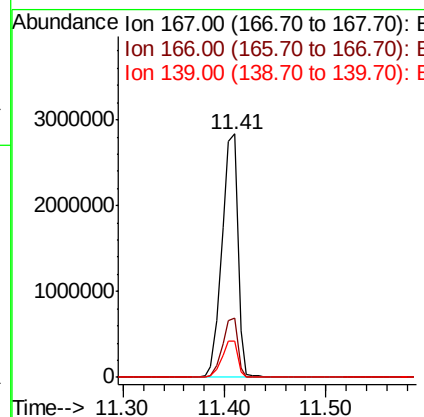
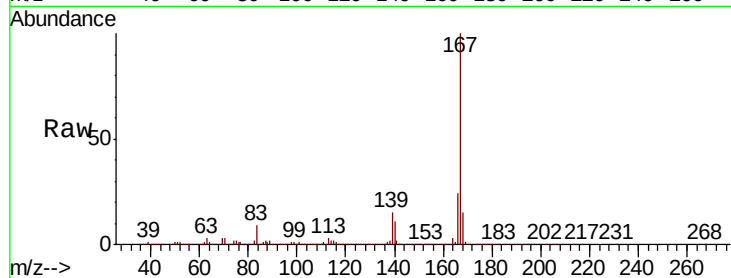
#73
 Carbazole
 Concen: 49.115 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.1	28.7
139	14.8	12.4	18.6

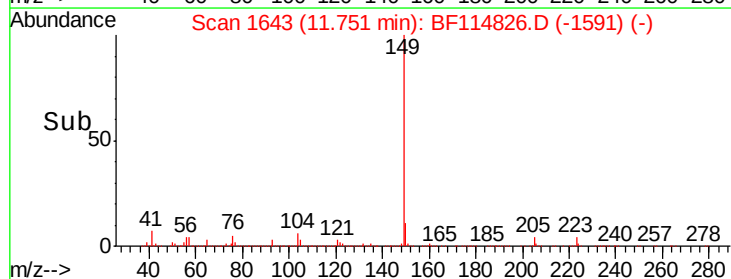
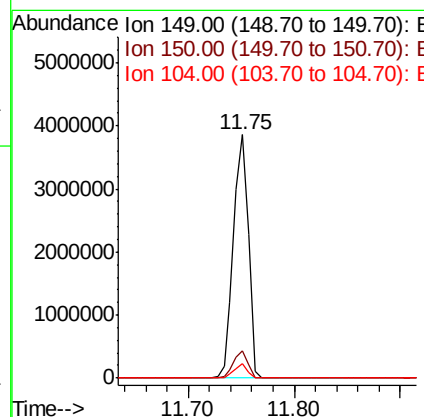
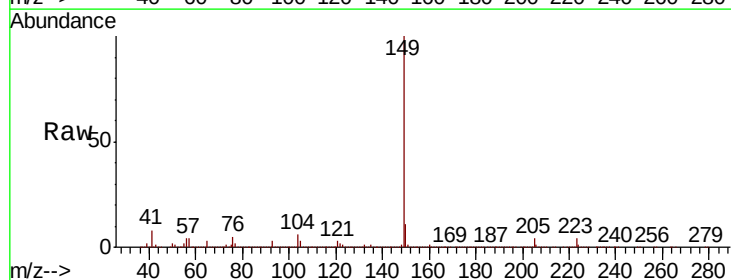
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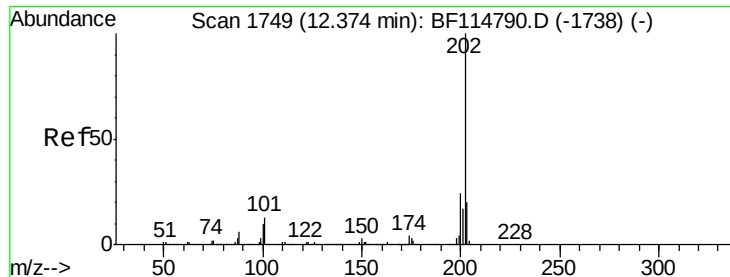
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.159 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.9	13.3
104	5.7	4.3	6.5





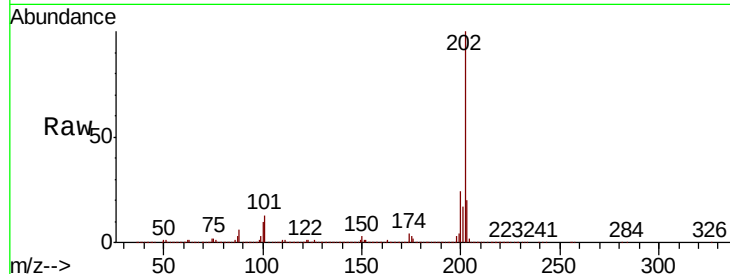
#75
Fluoranthene
Concen: 47.252 ng
RT: 12.39 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.8
203	19.7	0.2	40.2

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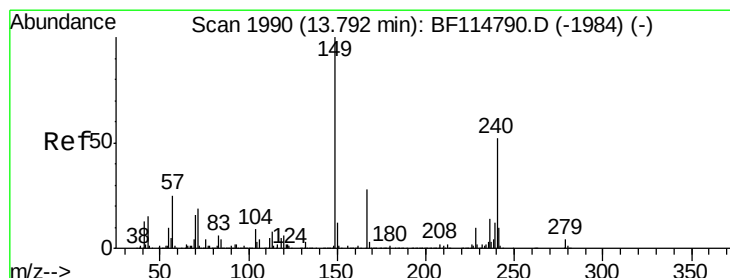
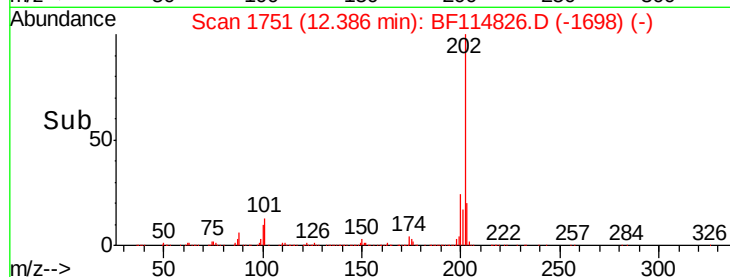
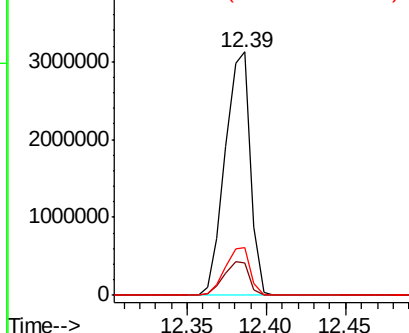


Abundance

Ion 202.00 (201.70 to 202.70): E

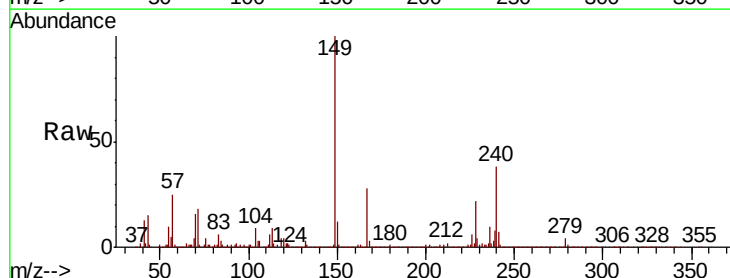
Ion 101.00 (100.70 to 101.70): E

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: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	26.3	21.4	32.0

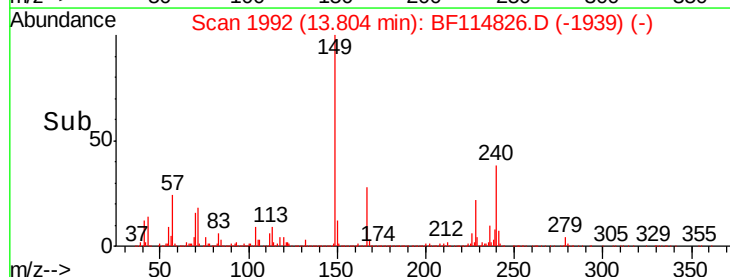
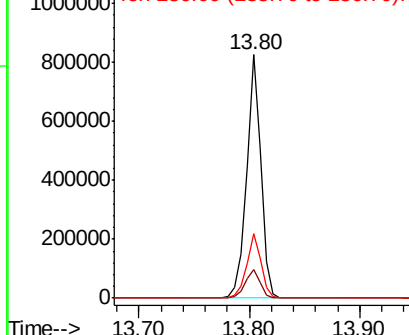


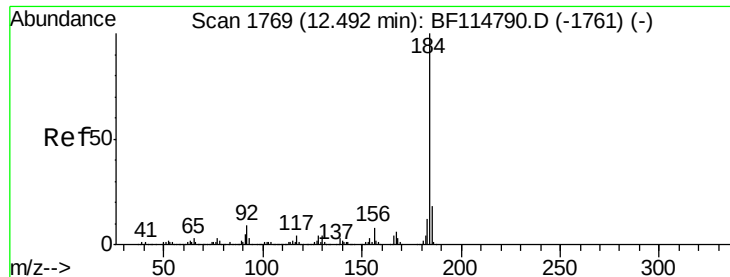
Abundance

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: 4.379 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

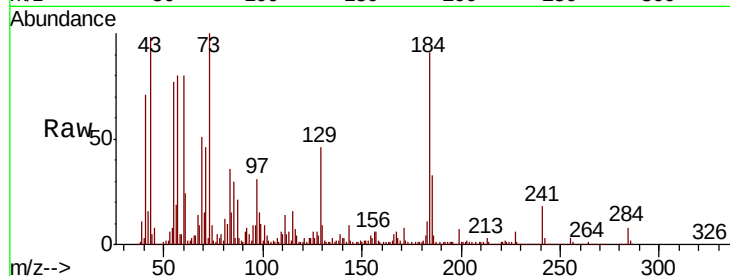
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	36.8	14.1	21.1#
183	12.2	9.9	14.9

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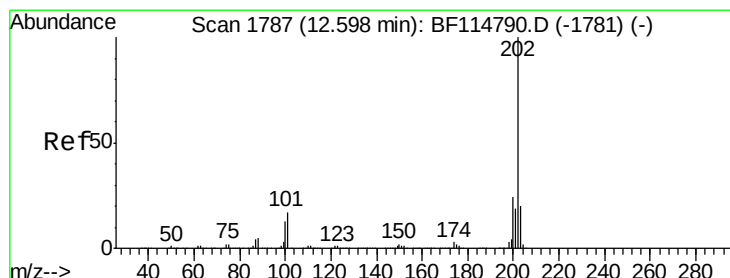
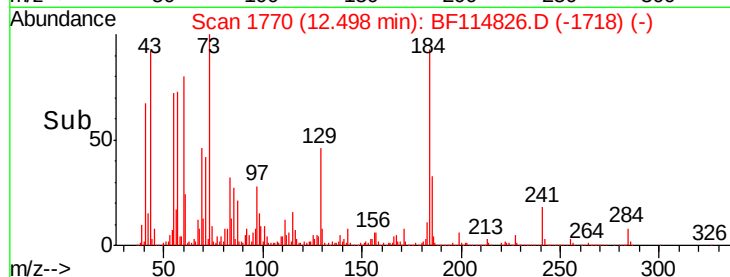
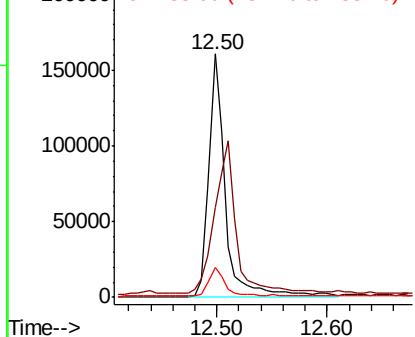


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.699 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

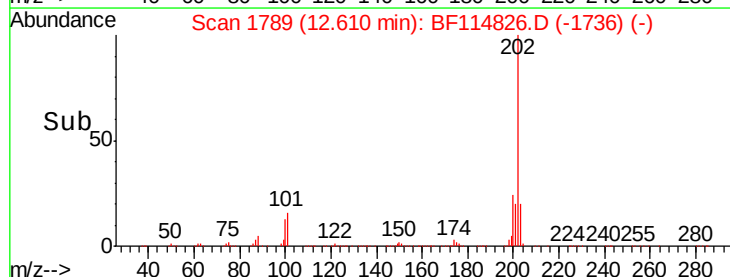
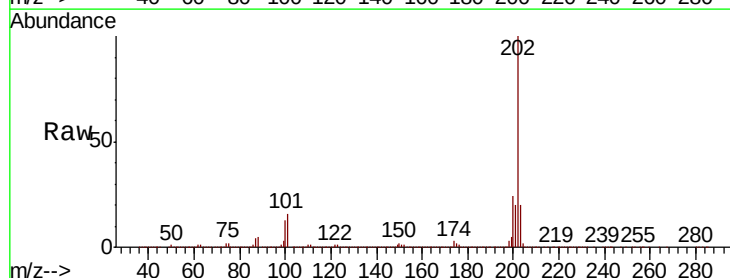
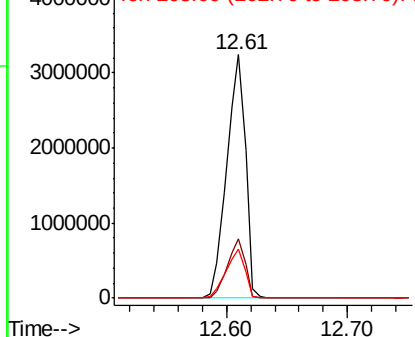
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	19.2	28.8
203	20.0	15.9	23.9

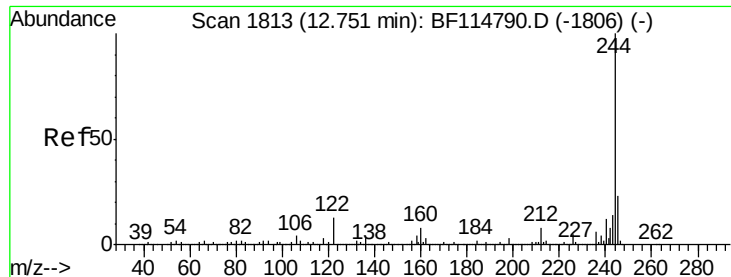
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.700 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:244 Resp: 4100349

Ion Ratio Lower Upper

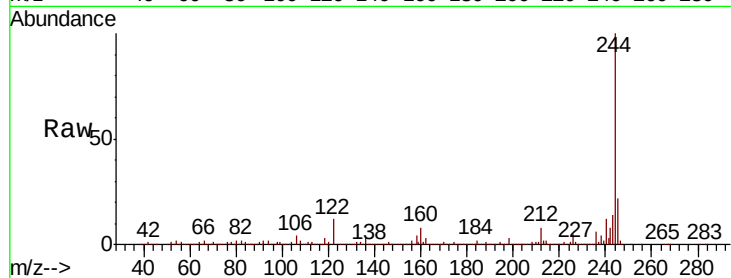
244 100

212 8.2 6.5 9.7

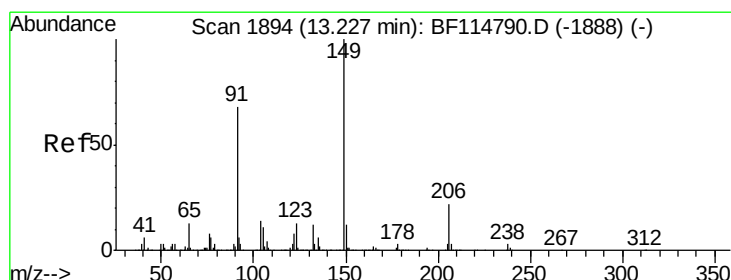
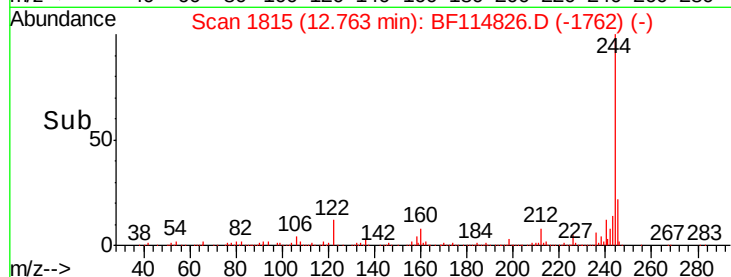
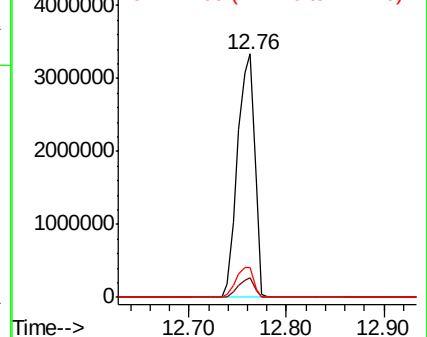
122 12.4 10.5 15.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.824 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

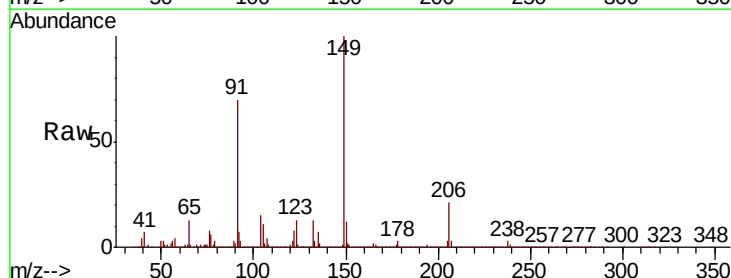
Tgt Ion:149 Resp: 1762144

Ion Ratio Lower Upper

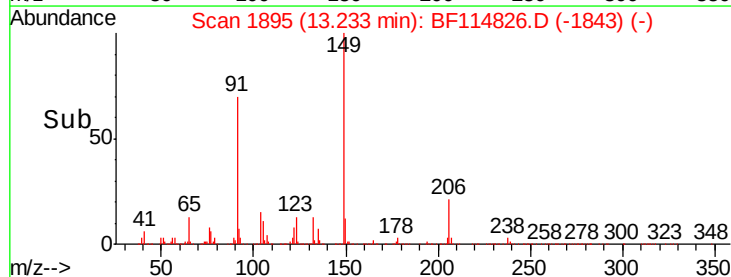
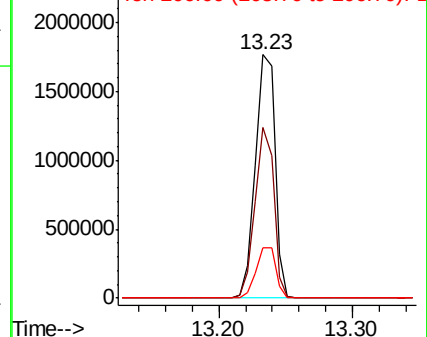
149 100

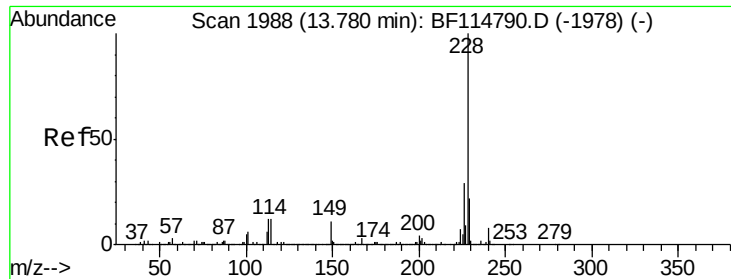
91 69.9 54.6 82.0

206 20.7 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





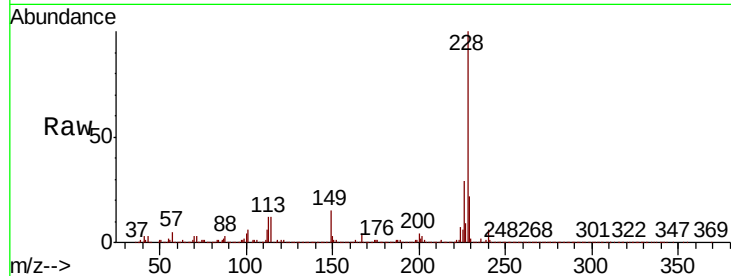
#81
Benzo(a)anthracene
Concen: 48.189 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.5	17.4	26.0

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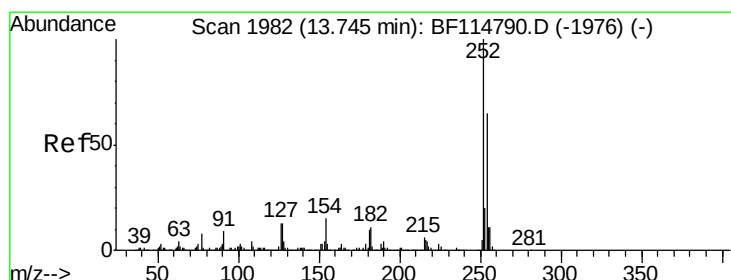
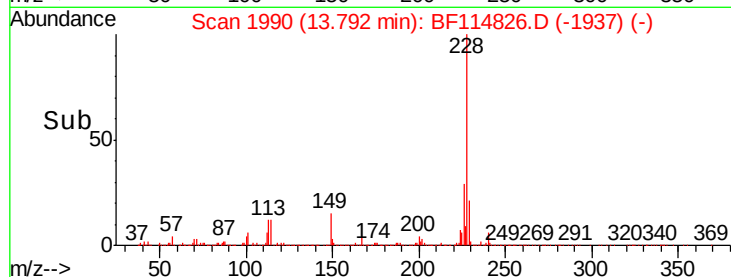
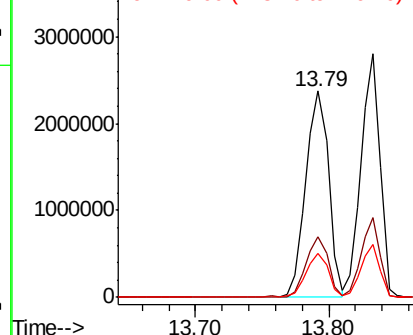


Abundance

Ion 228.00 (227.70 to 228.70): E

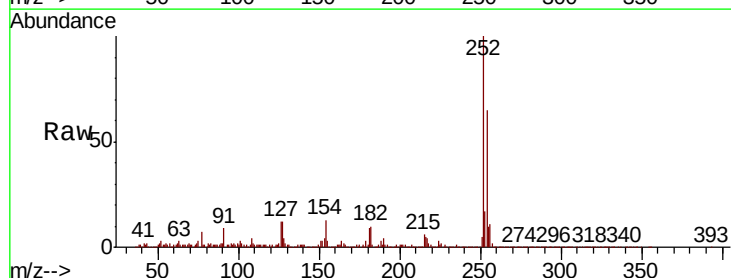
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.384 ng
RT: 13.76 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	12.3	10.5	15.7

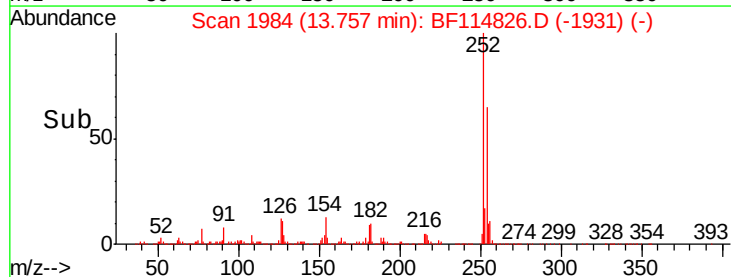
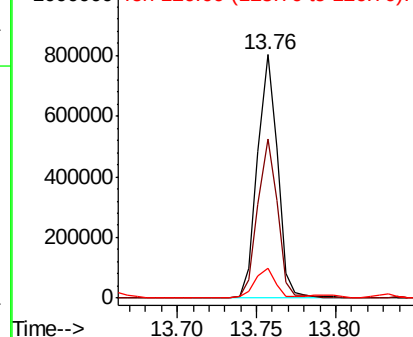


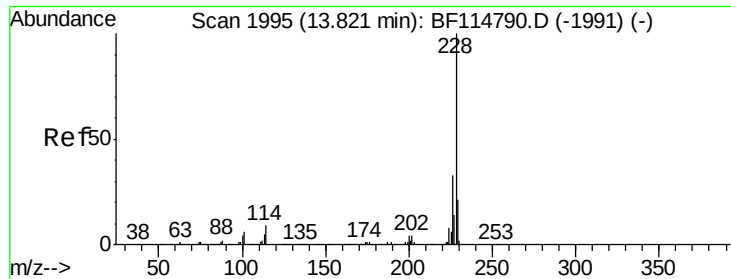
Abundance

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





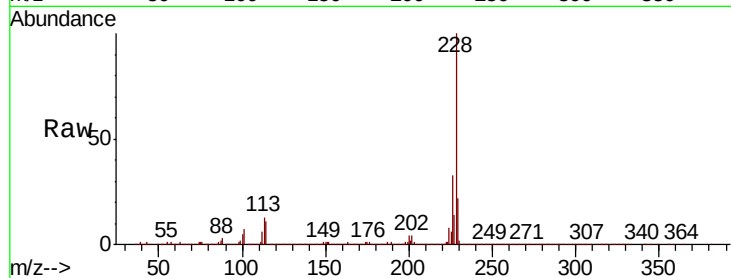
#83
Chrysene
Concen: 49.507 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.0	39.0
229	21.8	17.1	25.7

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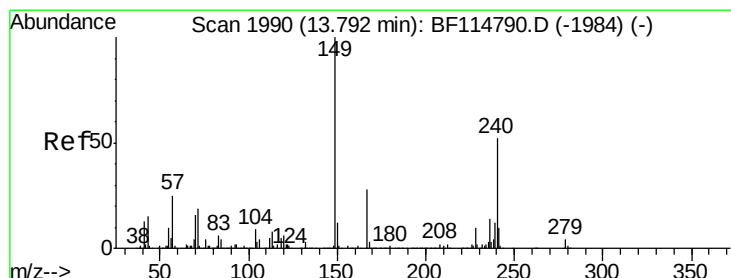
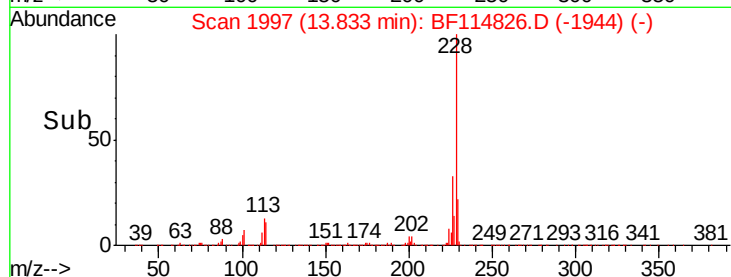
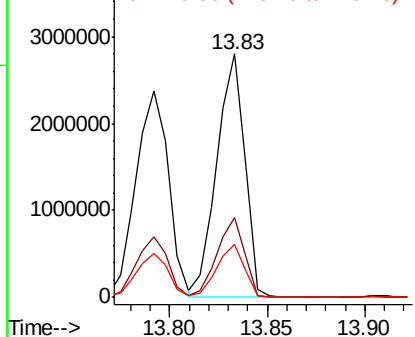


Abundance

Ion 228.00 (227.70 to 228.70): E

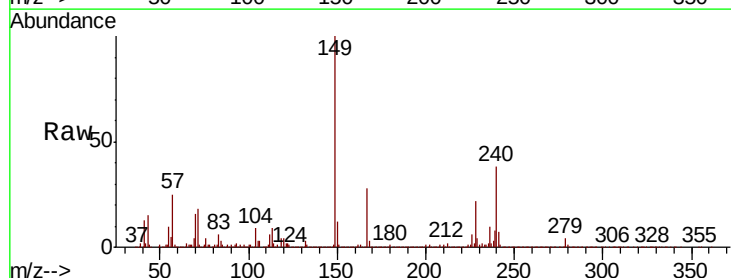
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.917 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.7	34.1
279	4.0	3.1	4.7

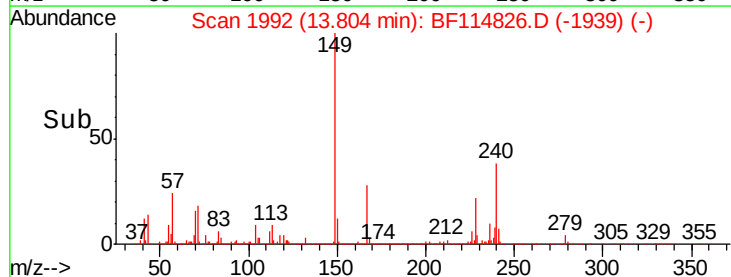
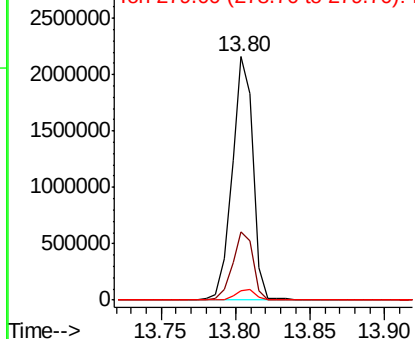


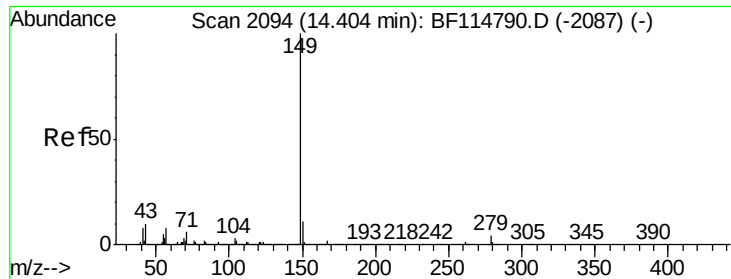
Abundance

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: 51.400 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

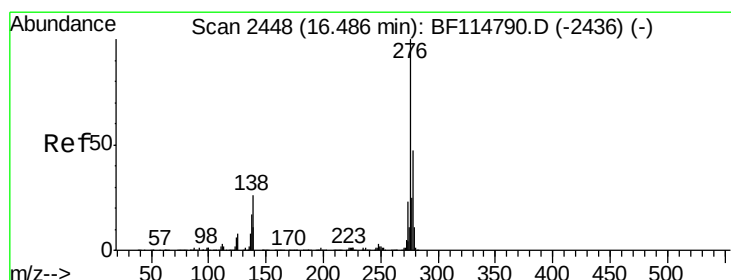
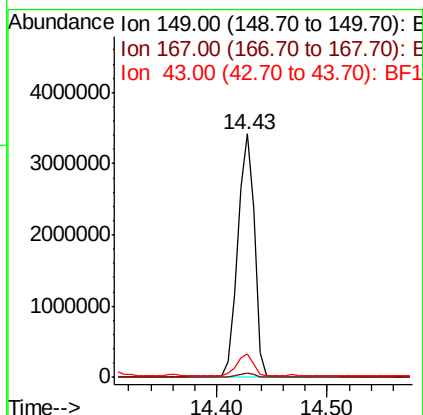
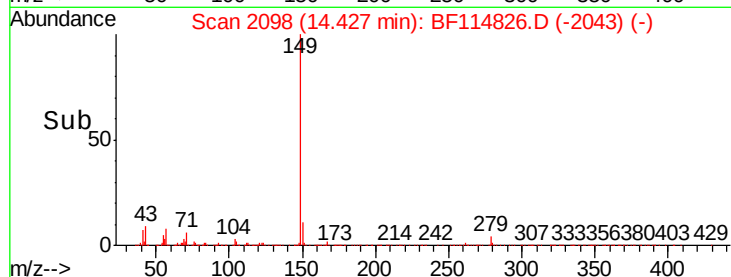
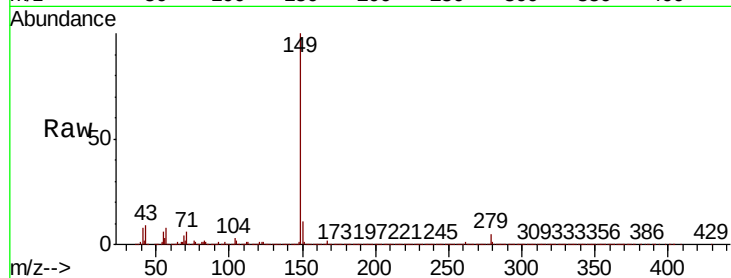
ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:	149	Resp:	3615651
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.4	7.0	10.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.027 ng

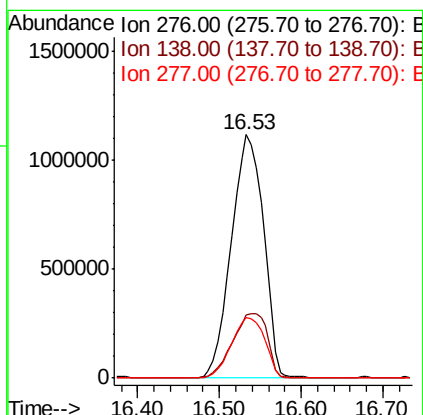
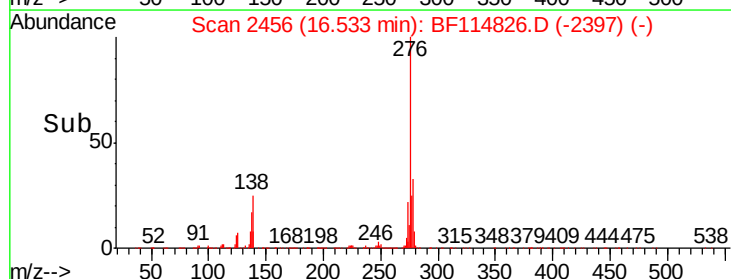
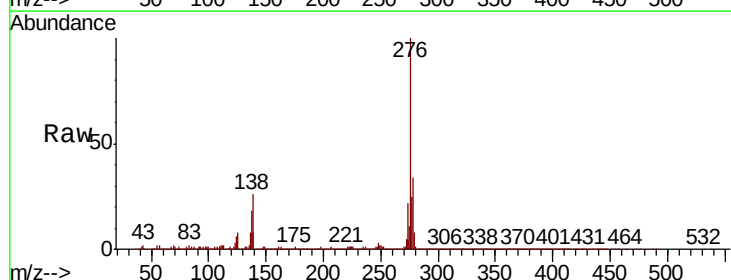
RT: 16.53 min Scan# 2456

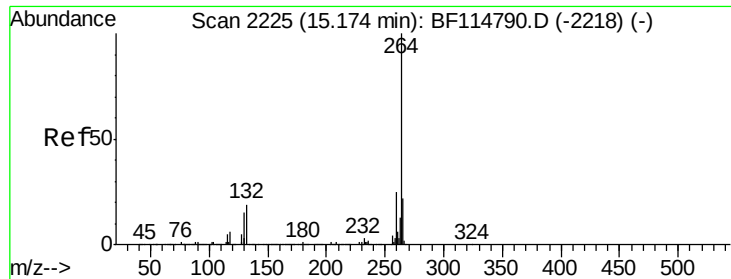
Delta R.T. 0.05 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:	276	Resp:	3070021
Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.2	33.4
277	25.6	20.6	30.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

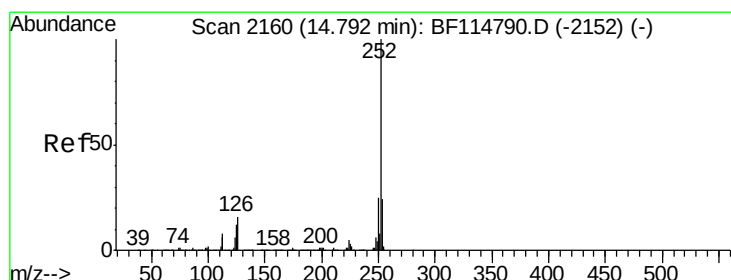
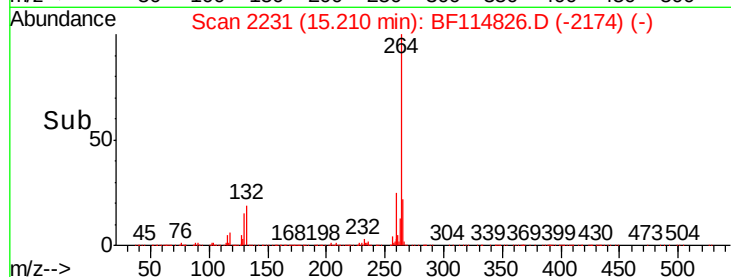
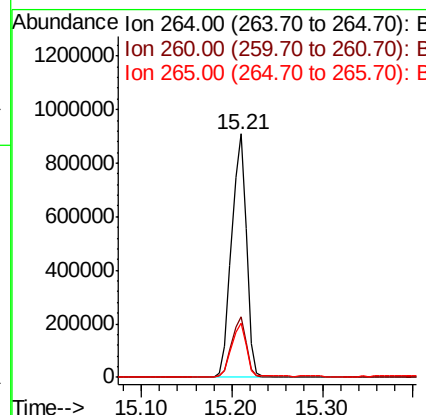
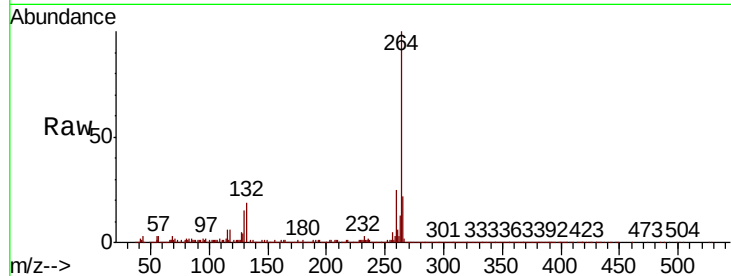
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Tot Ion:264 Resp: 1032370

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.7	26.5

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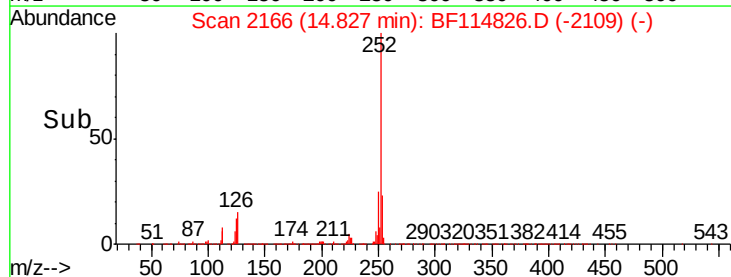
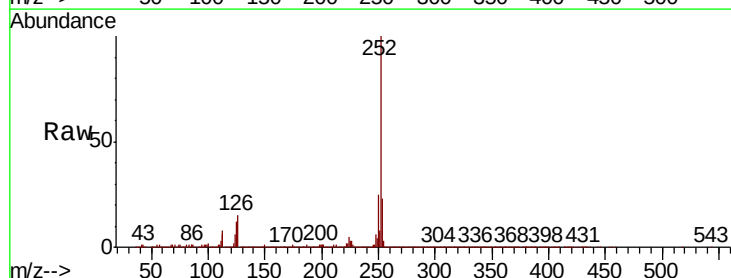
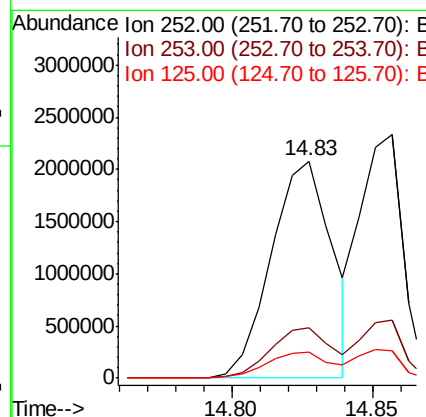
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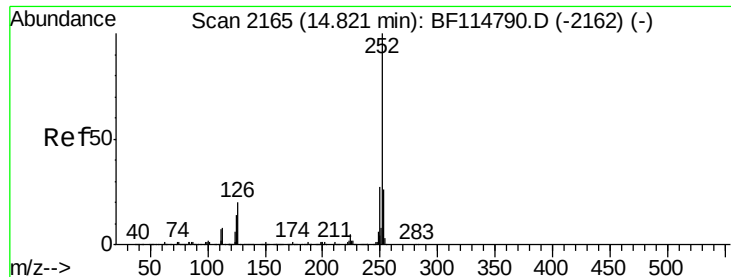


#88
Benzo(b)fluoranthene
Concen: 46.977 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:252 Resp: 3087452

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	12.1	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 43.370 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.04 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:252 Resp: 2420576

Ion Ratio Lower Upper

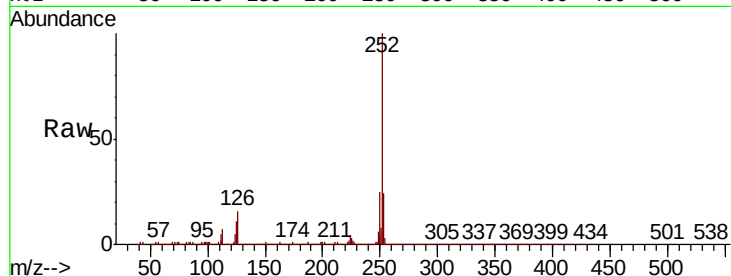
252 100

253 23.7 19.3 28.9

125 11.3 10.1 15.1

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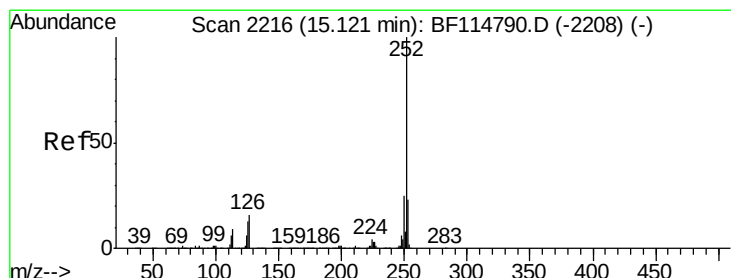
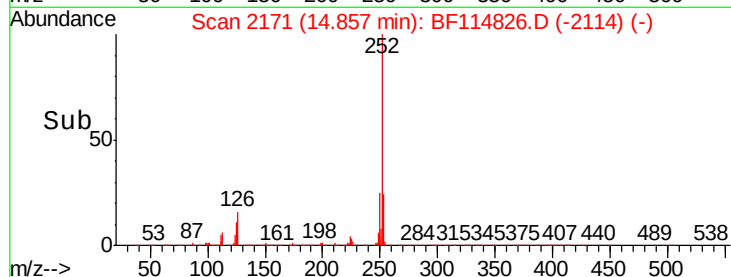
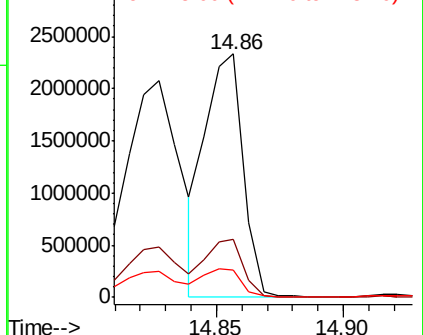


Abundance

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



#90

Benzo(a)pyrene

Concen: 48.464 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.04 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:252 Resp: 2756890

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

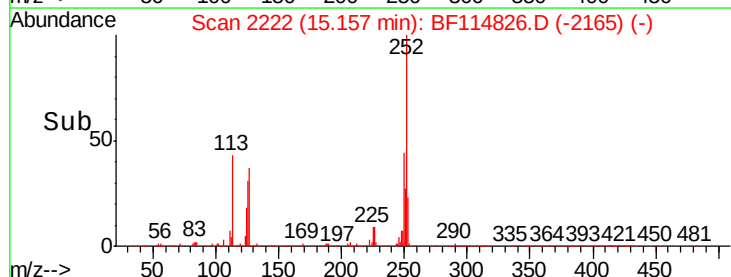
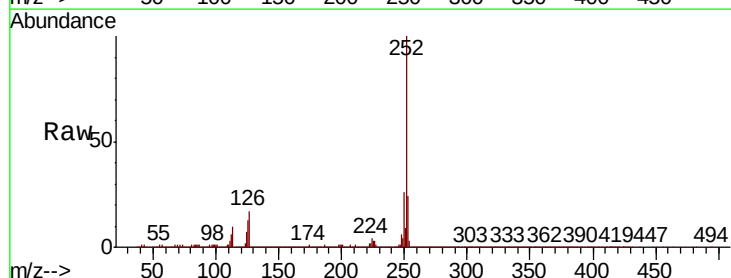
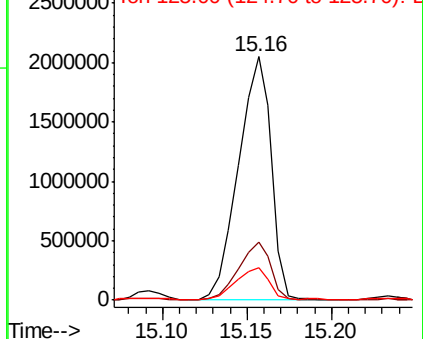
125 13.3 10.1 15.1

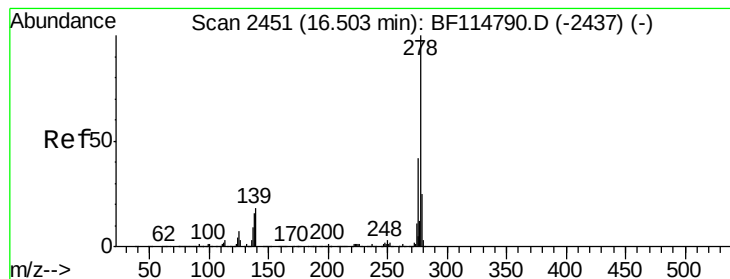
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 46.129 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.05 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:278 Resp: 2485016

Ion Ratio Lower Upper

278 100

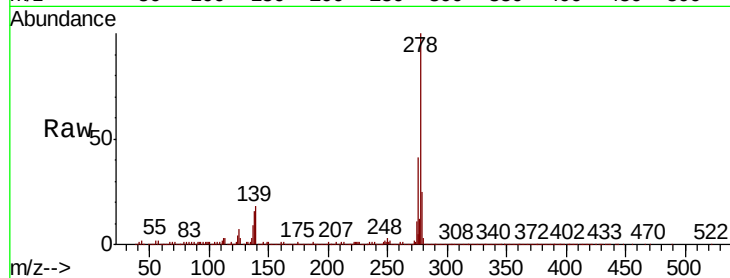
139 18.3 14.6 22.0

279 24.7 20.1 30.1

Manual Integrations
APPROVED

mohammad

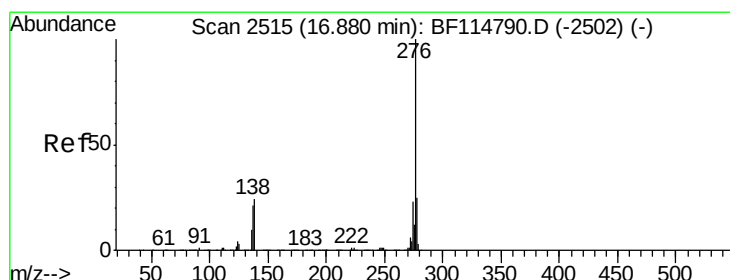
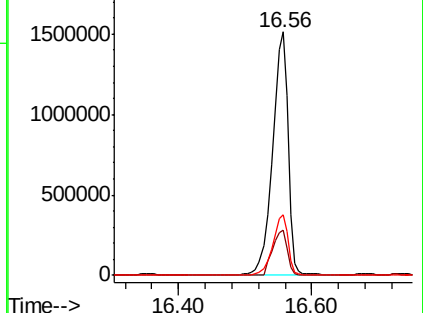
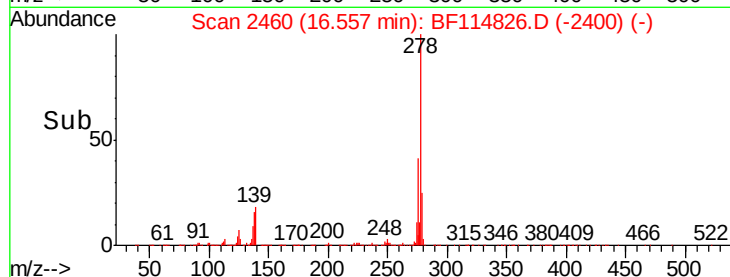
6/6/2019 4:50:07 PM



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: 45.885 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.05 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

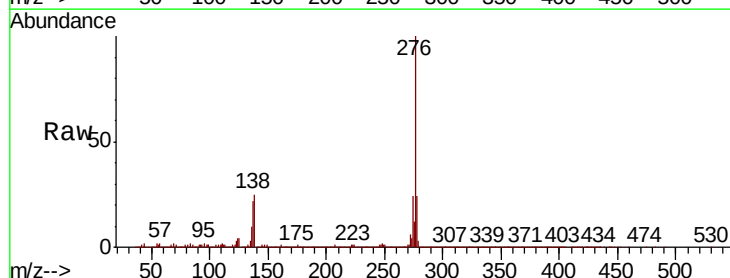
Tgt Ion:276 Resp: 2485773

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.6

138 25.5 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

