

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114837.D
 Acq On : 5 Jun 2019 23:54
 Operator : HP/JU
 Sample : K3189-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

Manual Integrations
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mohammad
 6/6/2019 4:50:36 PM

Quant Time: Jun 06 07:35:39 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	355930	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1389519	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	698893	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1362999	20.00	ng	0.00
76) Chrysene-d12	13.80	240	681446	20.00	ng	0.00
87) Perylene-d12	15.17	264	953896	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2187036	107.37	ng	0.02
7) Phenol-d6	6.32	99	2728265	110.07	ng	0.01
23) Nitrobenzene-d5	7.23	82	1716773	76.06	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	808052	107.29	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2897855	77.67	ng	0.00
79) Terphenyl-d14	12.76	244	2957656	84.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	302125	31.066	ng	99
3) Pyridine	3.00	79	826995	30.941	ng	99
4) n-Nitrosodimethylamine	2.93	42	359217	36.722	ng	94
6) Aniline	6.33	93	729786	20.750	ng	# 76
8) 2-Chlorophenol	6.46	128	909833	38.658	ng	98
9) Benzaldehyde	6.21	77	278698	16.210	ng	99
10) Phenol	6.33	94	1035676	36.539	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	847687	38.321	ng	98
12) 1,3-Dichlorobenzene	6.61	146	974896	35.548	ng	98
13) 1,4-Dichlorobenzene	6.69	146	982182	35.593	ng	99
14) 1,2-Dichlorobenzene	6.84	146	925709	37.144	ng	99
15) Benzyl Alcohol	6.82	79	739836	39.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1189463	37.597	ng	99
17) 2-Methylphenol	6.93	107	757973	37.678	ng	99
18) Hexachloroethane	7.19	117	351187	33.812	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	598960	36.506	ng	98
20) 3+4-Methylphenols	7.09	107	861635	38.832	ng	98
22) Acetophenone	7.08	105	1210716	39.576	ng	# 98
24) Nitrobenzene	7.25	77	915502	39.150	ng	100
25) Isophorone	7.49	82	1736575	38.915	ng	97
26) 2-Nitrophenol	7.57	139	527088	41.617	ng	97
27) 2,4-Dimethylphenol	7.62	122	841373	43.708	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1101433	38.612	ng	99
29) 2,4-Dichlorophenol	7.81	162	812366	40.112	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	864858	37.217	ng	98
31) Naphthalene	7.97	128	2519161	40.270	ng	99
32) Benzoic acid	7.73	122	434396	30.983	ng	95
33) 4-Chloroaniline	8.02	127	359590	12.049	ng	98
34) Hexachlorobutadiene	8.10	225	471453	35.685	ng	99
35) Caprolactam	8.39	113	261289m	39.494	ng	
36) 4-Chloro-3-methylphenol	8.51	107	833258	41.347	ng	99
37) 2-Methylnaphthalene	8.66	142	1764799	40.673	ng	99
38) 1-Methylnaphthalene	8.76	142	1672924	40.656	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	774424	38.450	ng	100

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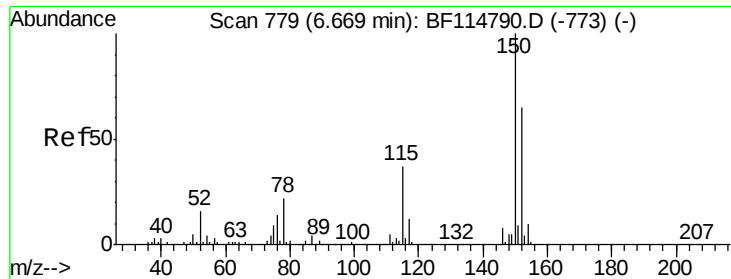
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	584385	47.840	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	604906	38.624	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	638924	40.509	nq	97
46) 1,1'-Biphenyl	9.13	154	2045880	39.497	nq	99
47) 2-Chloronaphthalene	9.15	162	1679968	38.169	nq	98
48) 2-Nitroaniline	9.24	65	498749	37.971	nq	100
49) Acenaphthylene	9.56	152	2565257	40.190	nq	98
50) Dimethylphthalate	9.43	163	2536334	49.689	nq	99
51) 2,6-Dinitrotoluene	9.49	165	484245	40.339	nq	95
52) Acenaphthene	9.73	154	1690215	40.424	nq	100
53) 3-Nitroaniline	9.65	138	367152	26.181	nq	98
54) 2,4-Dinitrophenol	9.76	184	323246	59.506	nq	98
55) Dibenzofuran	9.90	168	2251185	38.719	nq	100
56) 4-Nitrophenol	9.82	139	808498	78.679	nq	96
57) 2,4-Dinitrotoluene	9.89	165	645421	42.768	nq	90
58) Fluorene	10.25	166	1600857	42.436	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	532769	41.229	nq	100
60) Diethylphthalate	10.13	149	2073771	40.487	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	812430	36.483	nq	98
62) 4-Nitroaniline	10.26	138	460768	33.876	nq	95
63) Azobenzene	10.40	77	1796827	41.212	nq	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	230658	32.578	nq	92
66) n-Nitrosodiphenylamine	10.36	169	1647098	39.964	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	575816	37.197	nq	93
68) Hexachlorobenzene	10.79	284	606236	35.783	nq	95
69) Atrazine	10.89	200	547611	38.204	nq	98
70) Pentachlorophenol	10.99	266	690312	70.483	nq	98
71) Phenanthrene	11.20	178	2595384	39.887	nq	100
72) Anthracene	11.25	178	2599905	37.967	nq	98
73) Carbazole	11.40	167	2353484	40.092	nq	97
74) Di-n-butylphthalate	11.75	149	3093237	40.063	nq	100
75) Fluoranthene	12.37	202	2540479	37.513	nq	97
77) Benzidine	12.50	184	930104	27.571	nq	96
78) Pyrene	12.60	202	2486655	42.064	nq	99
80) Butylbenzylphthalate	13.23	149	1361156	45.596	nq	97
81) Benzo(a)anthracene	13.79	228	2009528	38.268	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	733563	34.451	nq	100
83) Chrysene	13.82	228	2032804	39.793	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2113276	55.983	nq	100
85) Di-n-octyl phthalate	14.40	149	2894919	45.134	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1903141	32.652	nq	99
88) Benzo(b)fluoranthene	14.79	252	2163466	35.626	nq	99
89) Benzo(k)fluoranthene	14.82	252	2054520	39.839	nq	98
90) Benzo(a)pyrene	15.12	252	2046052	38.927	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	1638369	32.915	nq	99
92) Benzo(g,h,i)perylene	16.88	276	1473819	29.444	nq	98

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



#1

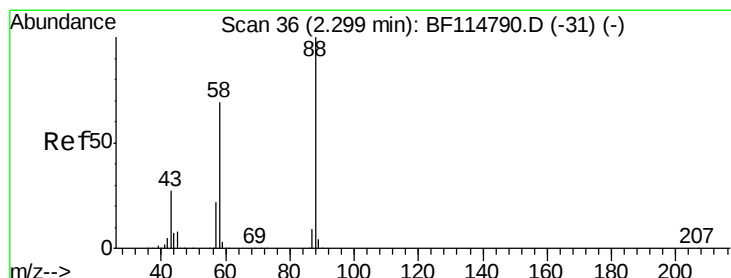
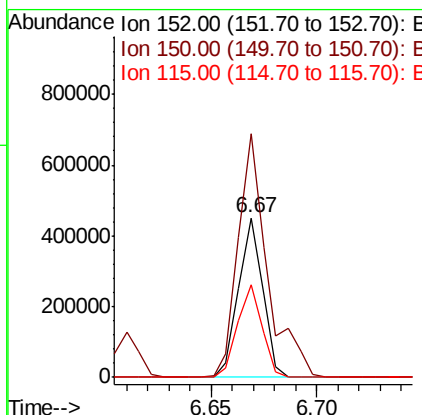
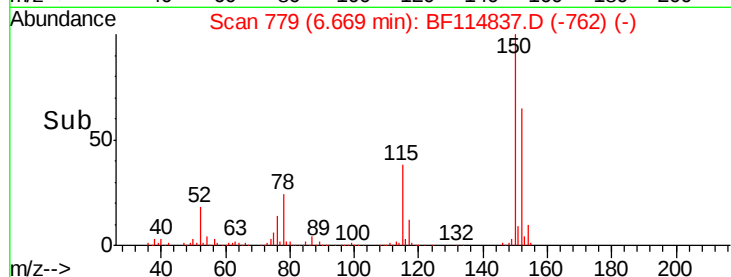
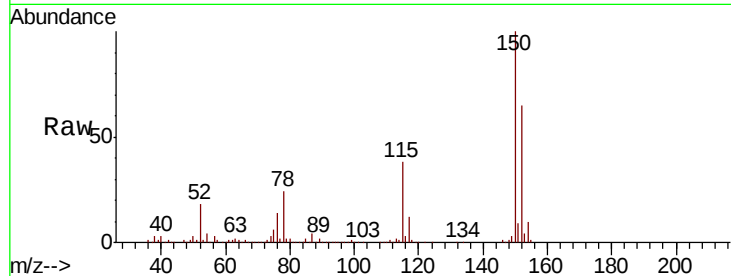
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.0	186.0
115	58.5	46.3	69.5

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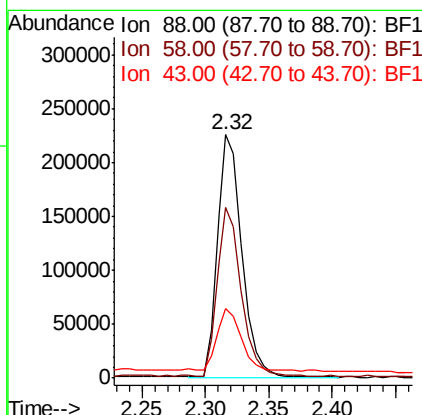
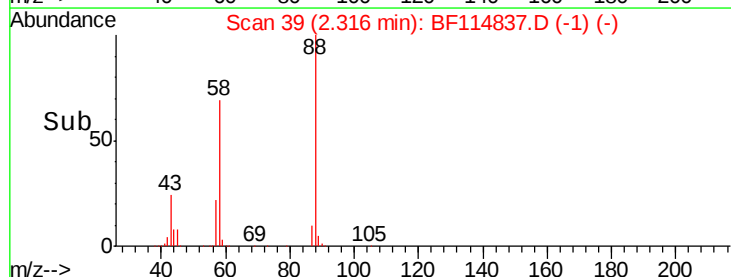
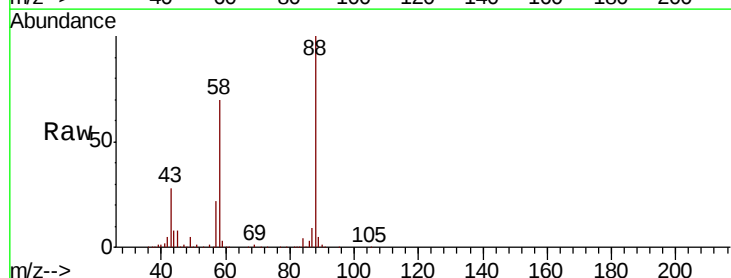
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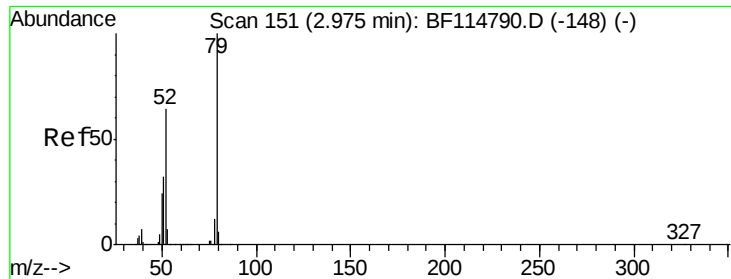


#2

1,4-Dioxane
Concen: 31.066 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.8	80.8
43	26.4	20.7	31.1





#3

Pvridine

Concen: 30.941 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

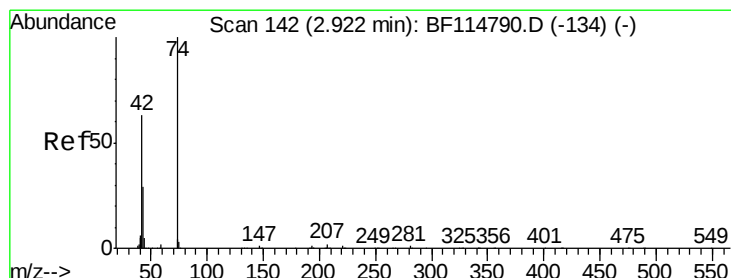
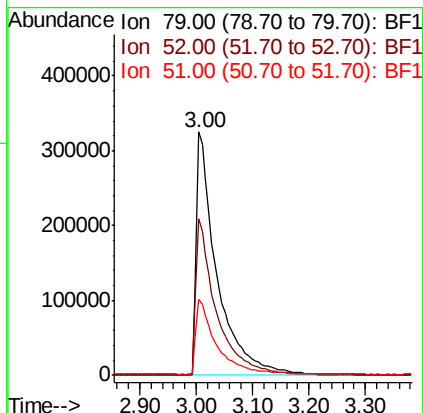
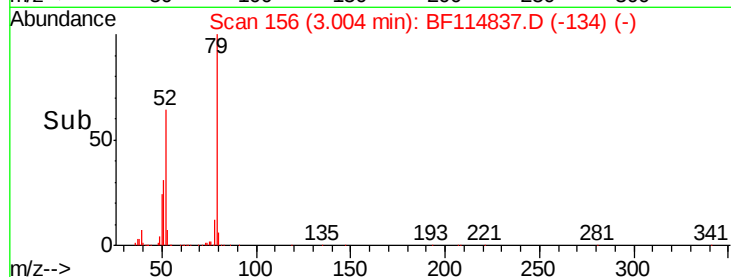
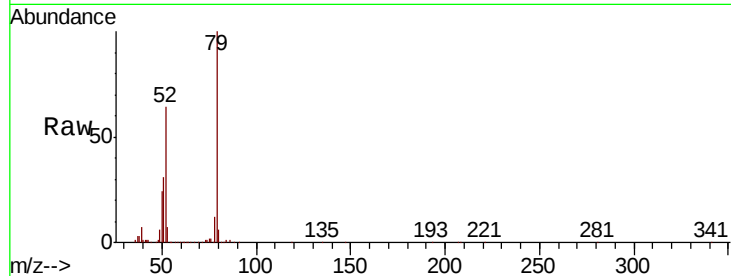
ClientSampleId :

S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		826995		
52	64.2		51.0	76.4	
51	31.2		25.7	38.5	

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#4

n-Nitrosodimethylamine

Concen: 36.722 ng

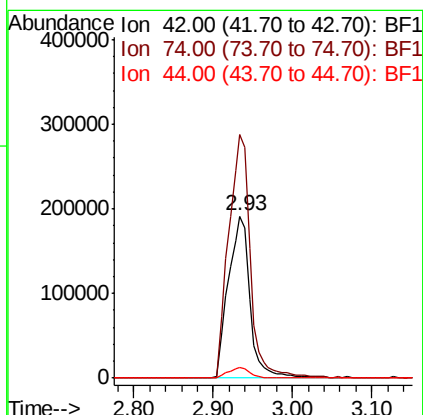
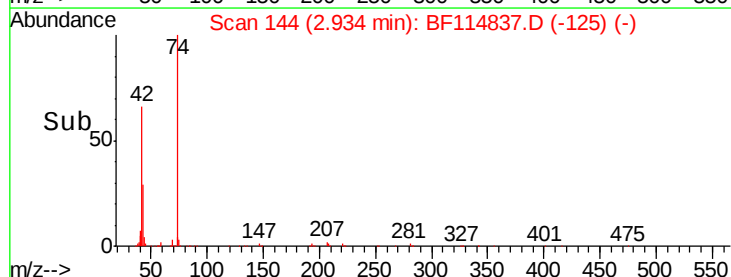
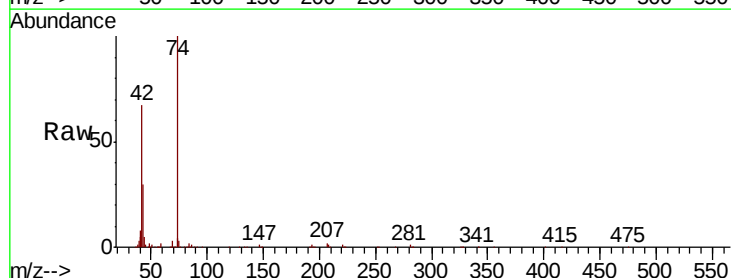
RT: 2.93 min Scan# 144

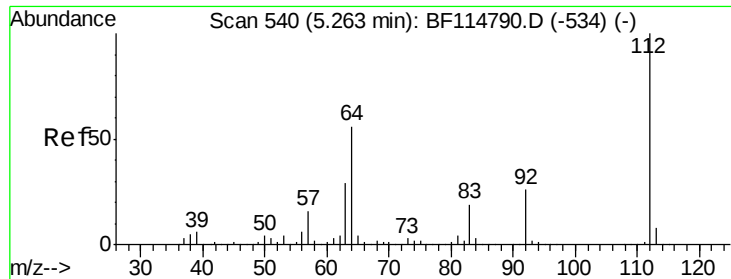
Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		359217		
74	150.2		126.2	189.2	
44	6.8		5.9	8.9	





#5

2-Fluorophenol

Concen: 107.367 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

S-8CMSD

Tot Ion:112 Resp: 2187036

Ion Ratio Lower Upper

112 100

64 53.3 44.6 66.8

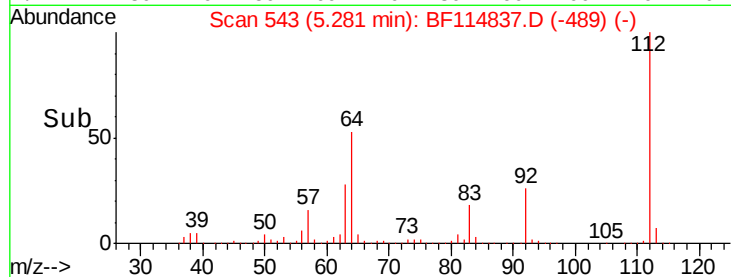
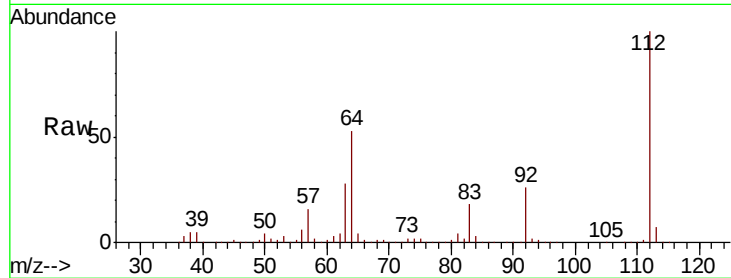
63 27.6 23.0 34.4

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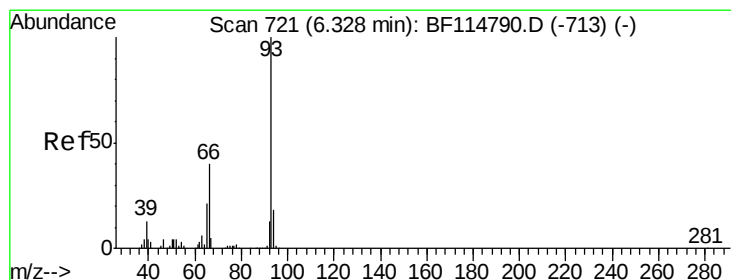
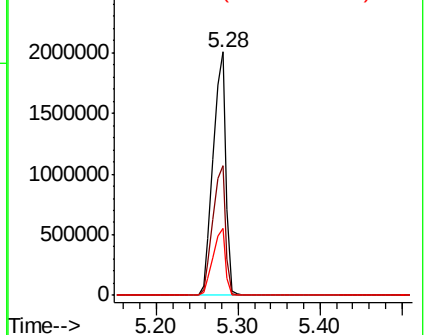
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.750 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

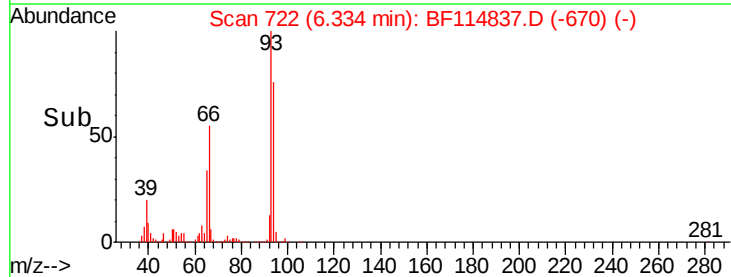
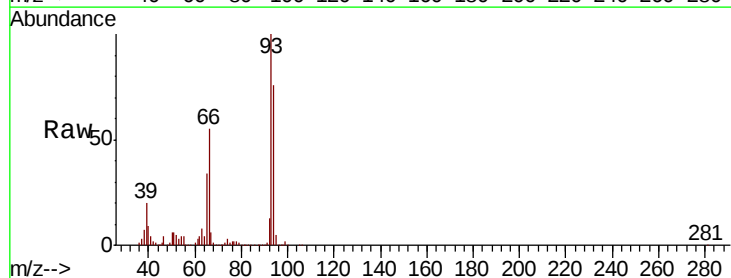
Tgt Ion: 93 Resp: 729786

Ion Ratio Lower Upper

93 100

66 55.4 32.8 49.2#

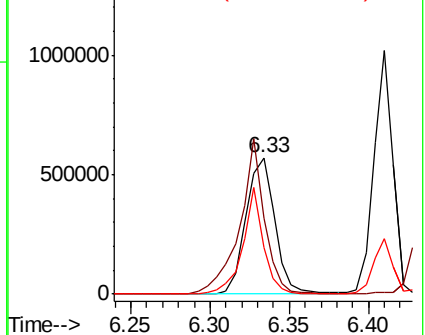
65 33.7 16.9 25.3#

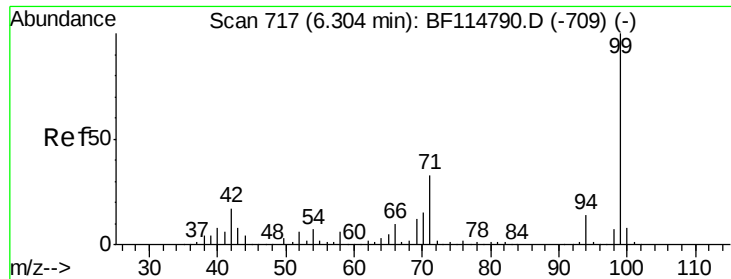


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.073 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

S-8CMSD

Tot Ion: 99 Resp: 2728265

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

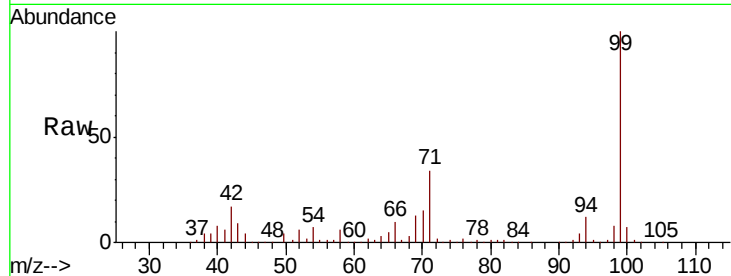
71 33.9 26.3 39.5

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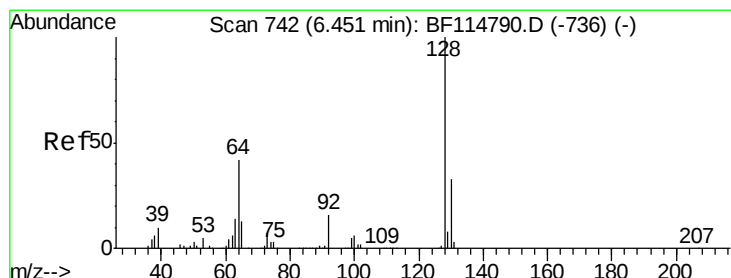
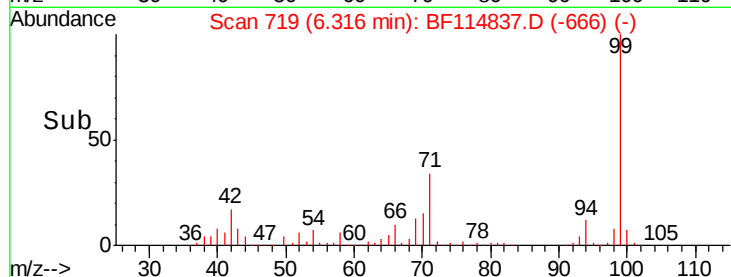
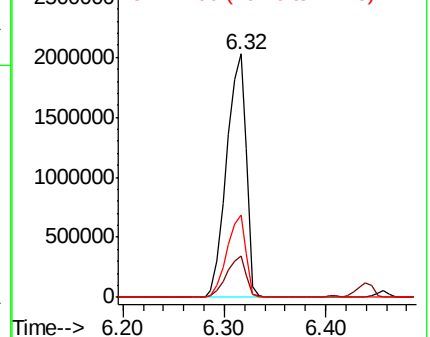
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.658 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

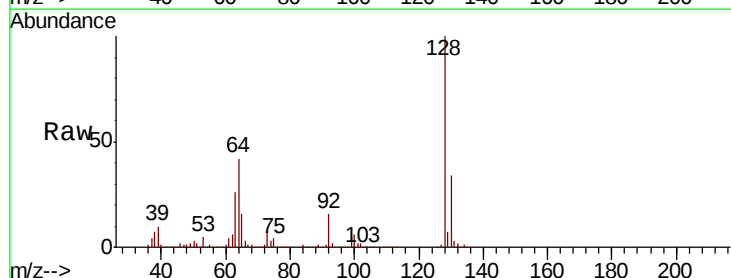
Tgt Ion: 128 Resp: 909833

Ion Ratio Lower Upper

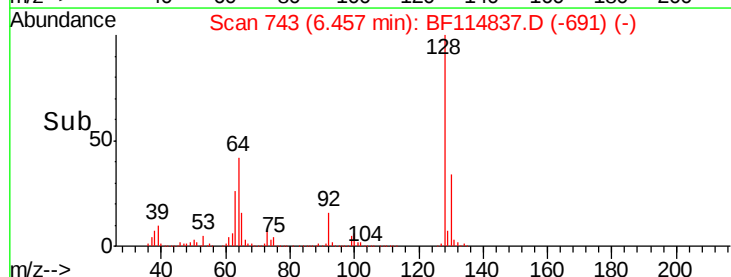
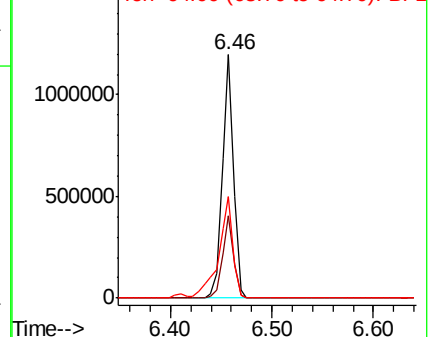
128 100

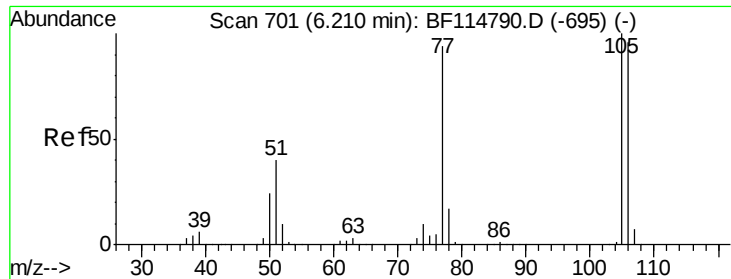
130 34.0 12.7 52.7

64 41.6 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.210 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

S-8CMSD

Tot Ion: 77 Resp: 278698

Ion Ratio Lower Upper

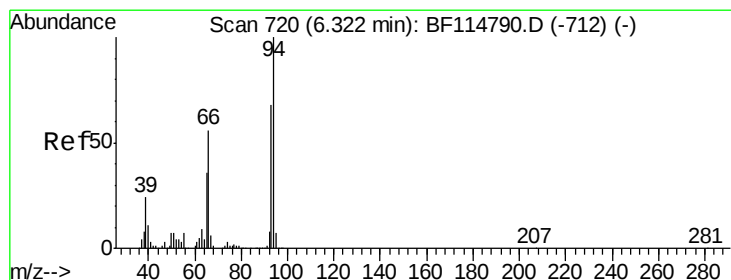
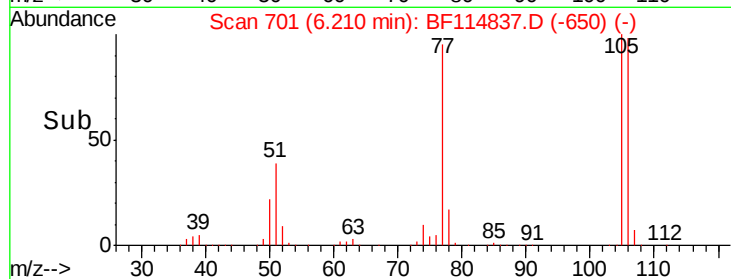
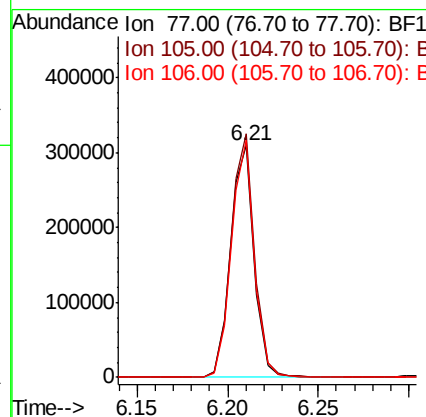
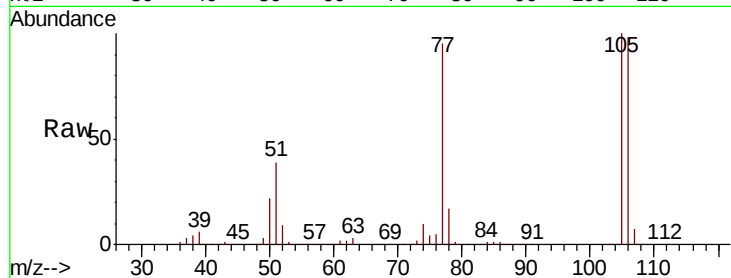
77 100

105 104.9 85.8 125.8

106 102.5 81.6 121.6

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#10

Phenol

Concen: 36.539 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

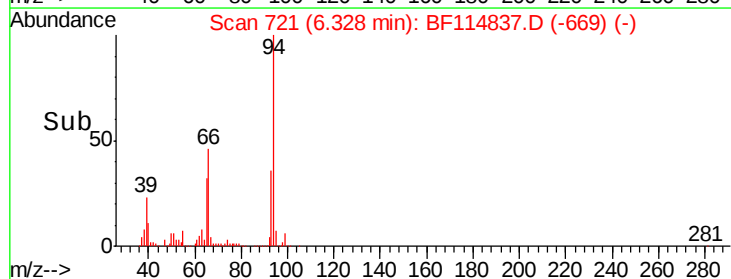
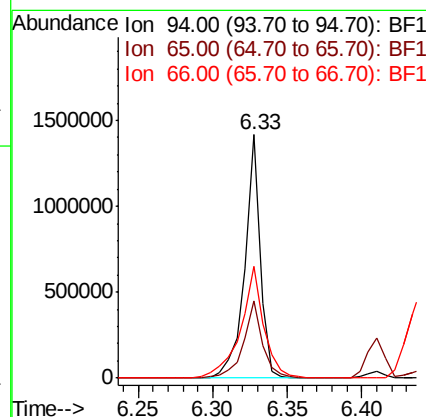
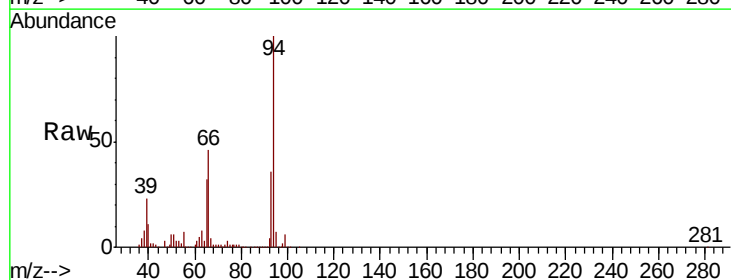
Tgt Ion: 94 Resp: 1035676

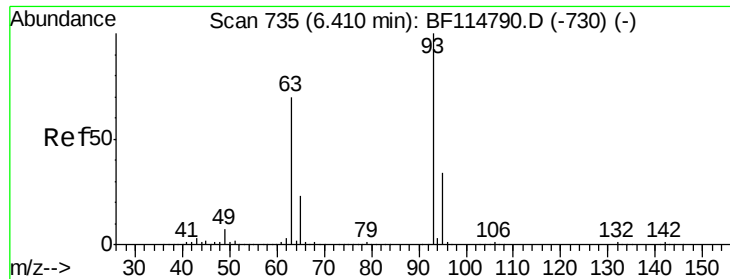
Ion Ratio Lower Upper

94 100

65 31.5 16.1 56.1

66 45.9 36.3 76.3





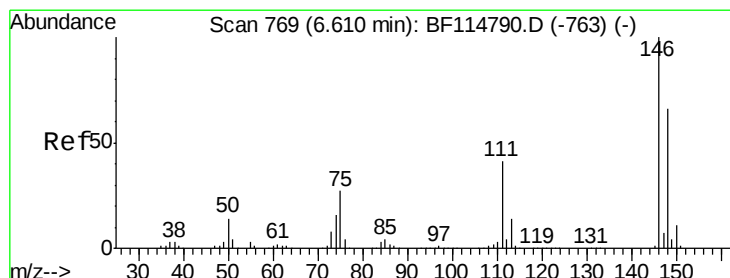
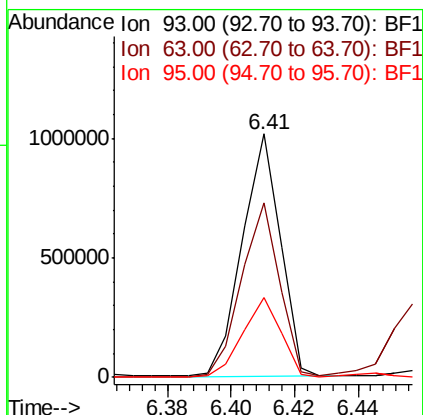
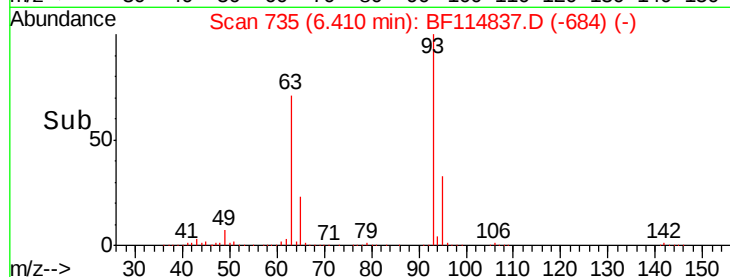
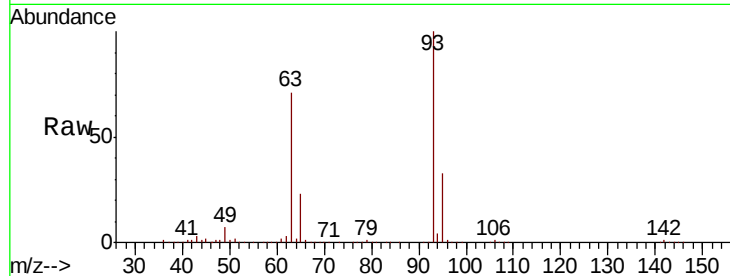
#11
bis(2-Chloroethyl)ether
Concen: 38.321 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion:	93	Resp:	847687
Ion	Ratio	Lower	Upper
93	100		
63	71.4	49.6	89.6
95	32.5	13.6	53.6

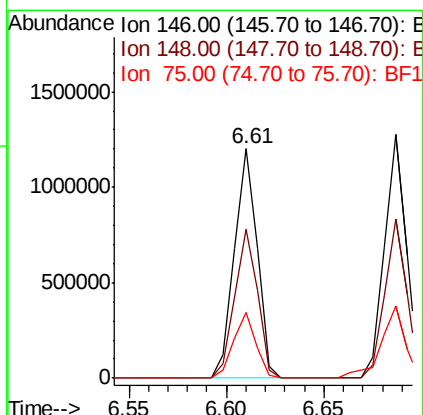
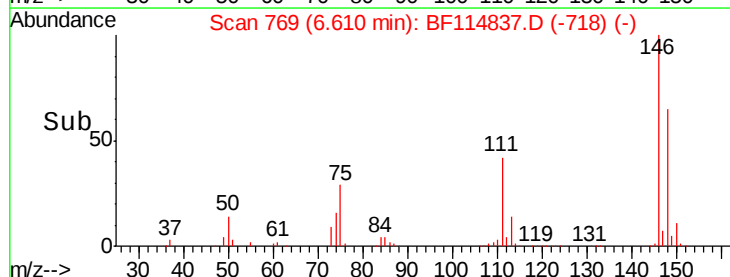
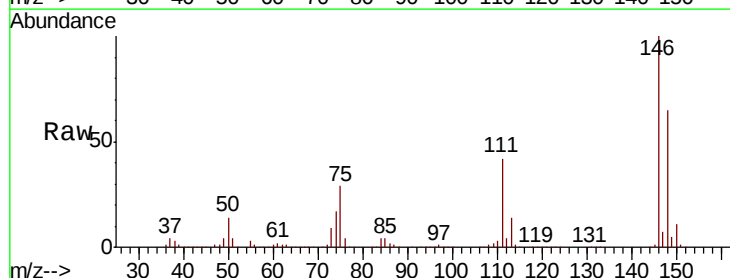
Manual Integrations
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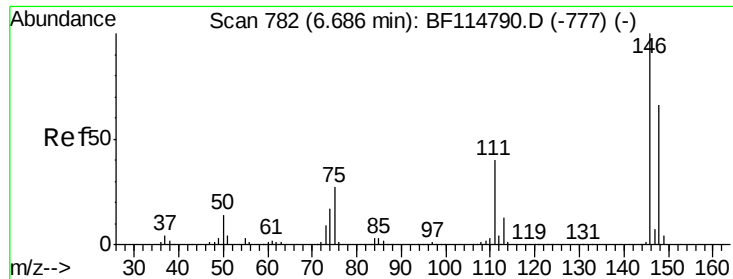
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.548 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:	146	Resp:	974896
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.7	79.1
75	28.9	22.0	33.0





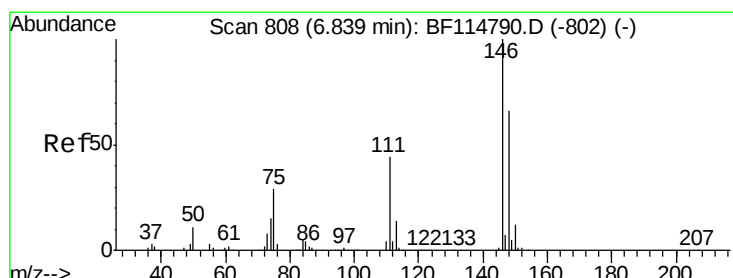
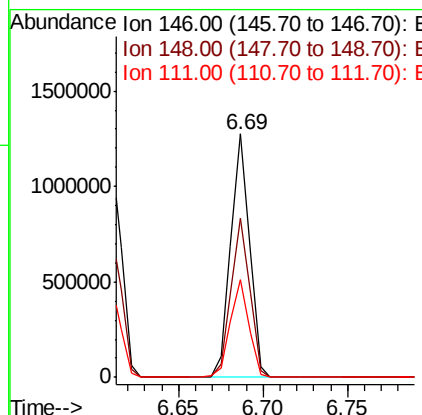
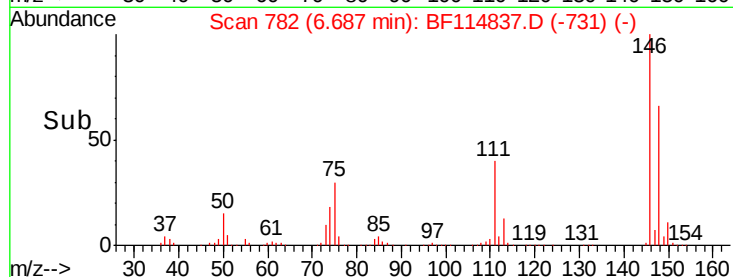
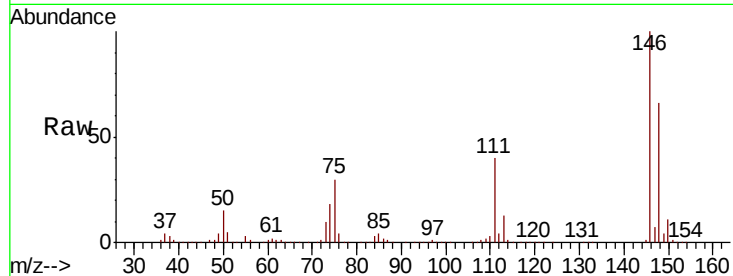
#13
1,4-Dichlorobenzene
Concen: 35.593 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.0	79.4
111	40.1	32.2	48.4

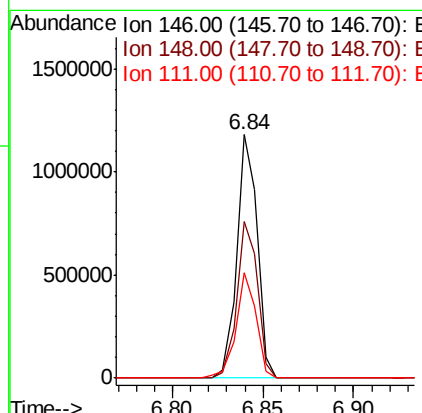
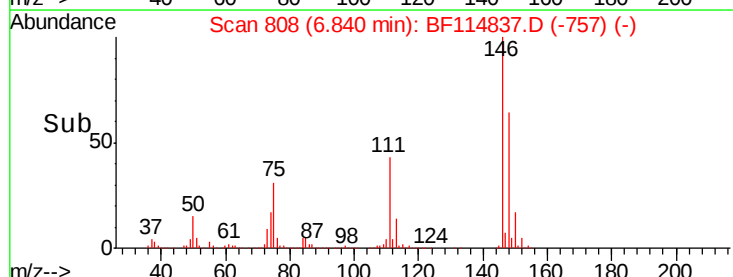
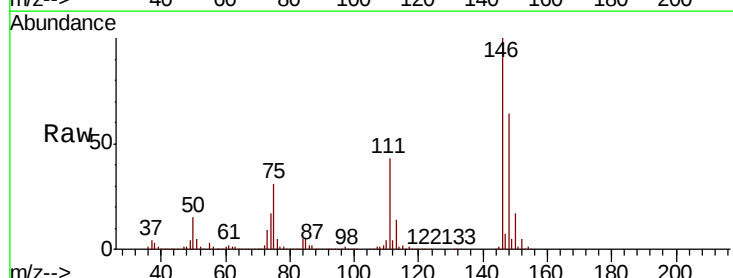
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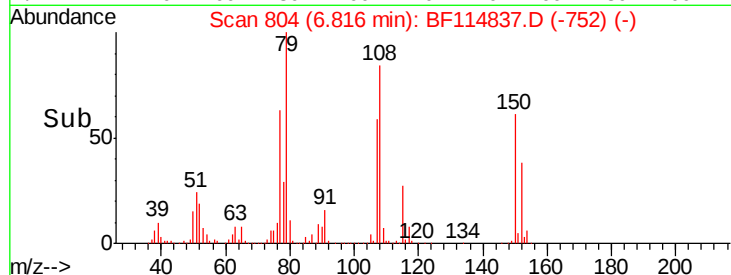
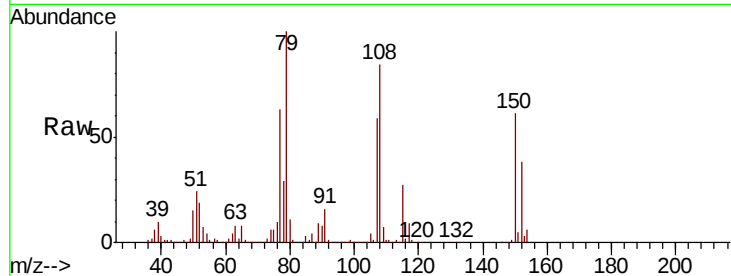
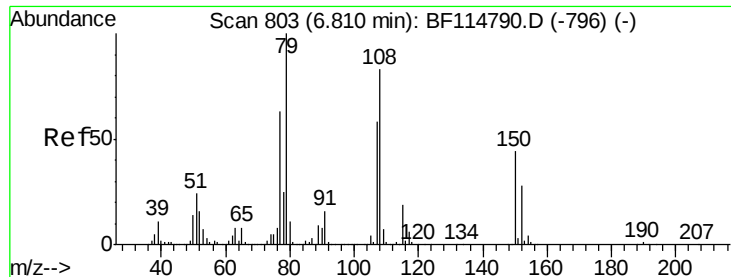
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#14
1,2-Dichlorobenzene
Concen: 37.144 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.5	78.7
111	43.1	34.8	52.2





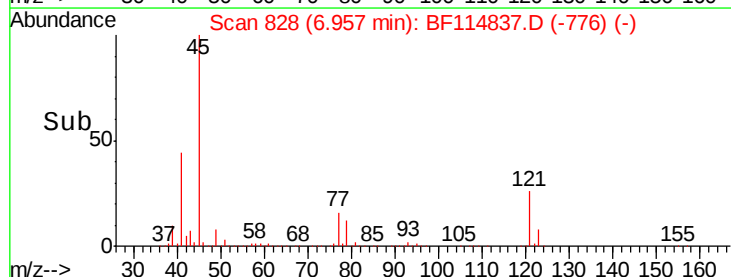
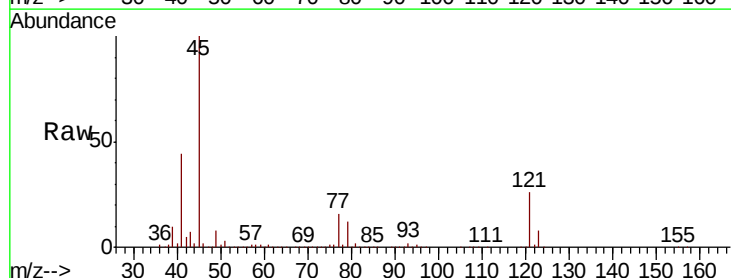
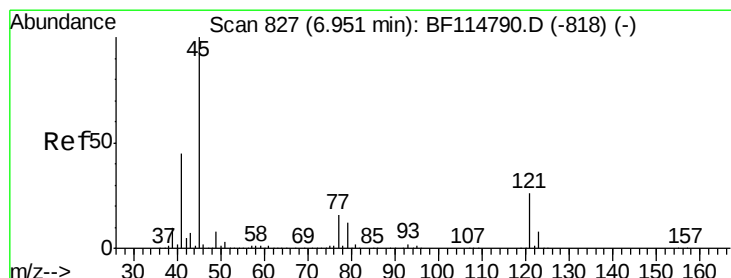
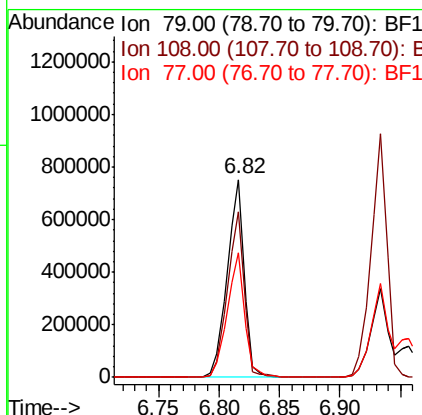
#15
Benzyl Alcohol
Concen: 39.471 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tot Ion: 79 Resp: 739836
Ion Ratio Lower Upper
79 100
108 83.9 66.8 100.2
77 62.8 50.6 76.0

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

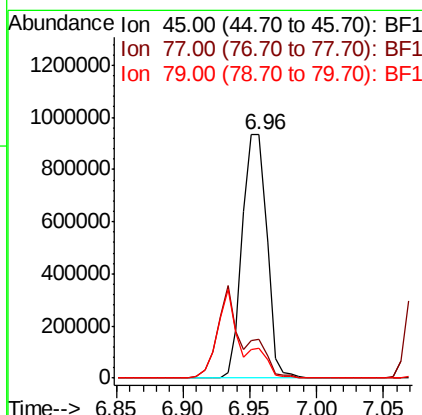
Manual Integrations
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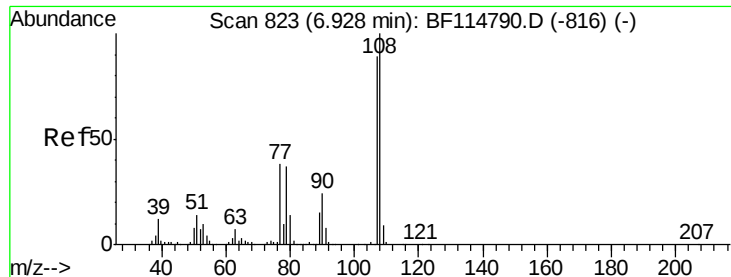
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.597 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion: 45 Resp: 1189463
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.8
79 12.5 0.0 32.0





#17

2-Methylphenol

Concen: 37.678 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

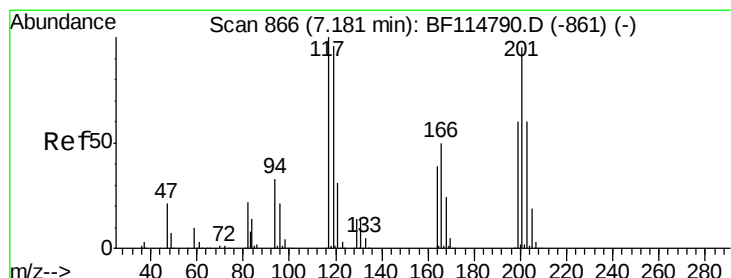
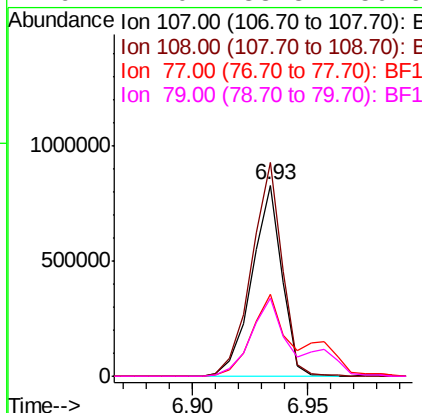
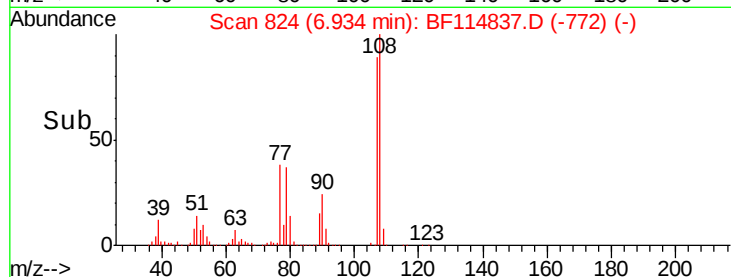
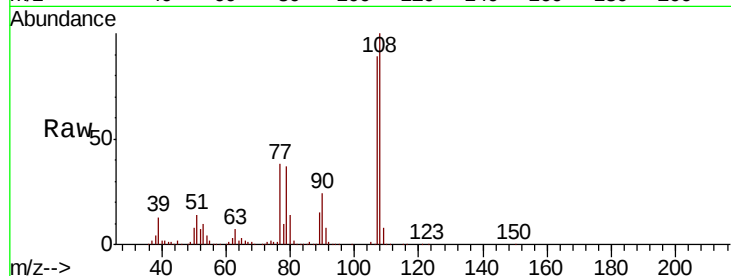
ClientSampleId :

S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	90.2	135.2	
77	43.0	34.5	51.7	
79	41.0	33.8	50.6	

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#18

Hexachloroethane

Concen: 33.812 ng

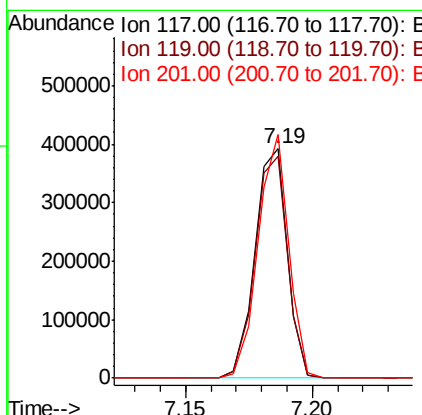
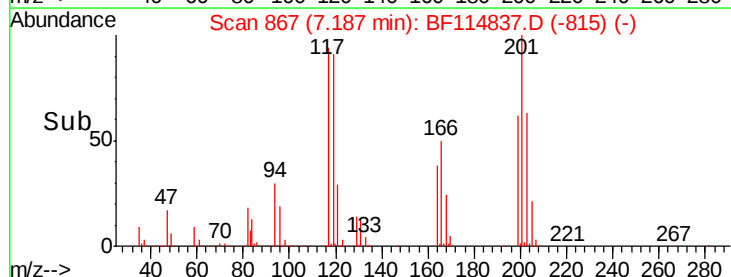
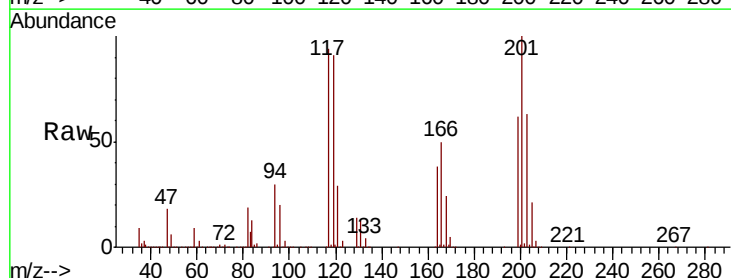
RT: 7.19 min Scan# 867

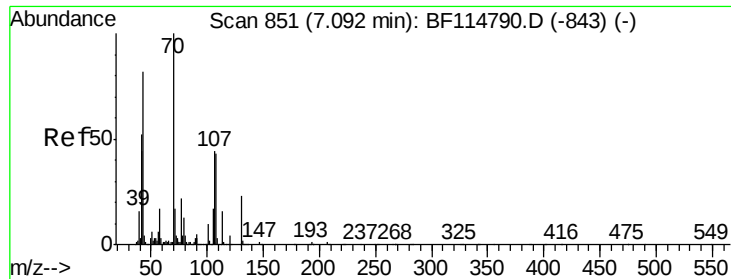
Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.0	115.4	
201	106.2	76.0	114.0	





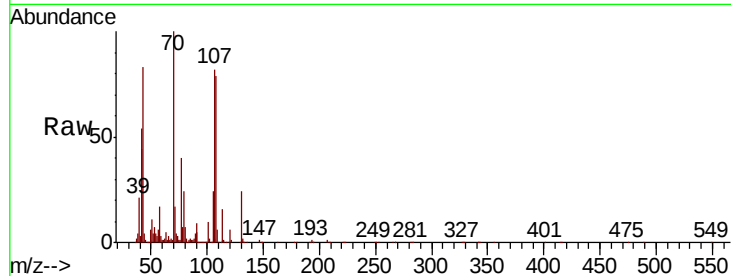
#19
n-Nitroso-di-n-propylamine
Concen: 36.506 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.1	41.8	62.8		
101	10.5	8.2	12.4		
130	23.8	18.5	27.7		

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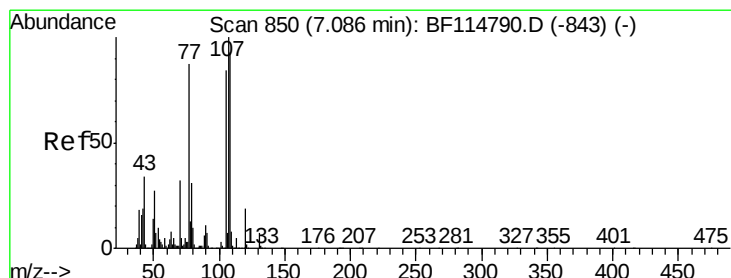
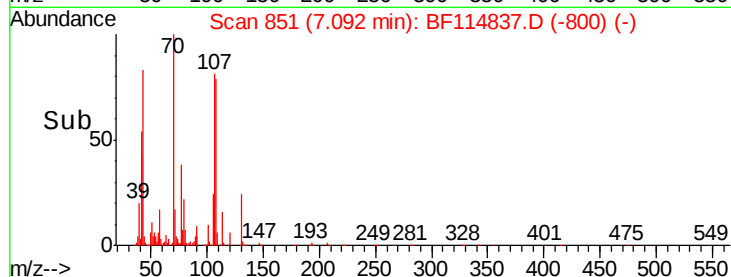
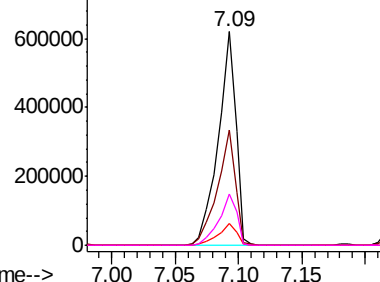
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.832 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.0	73.5	113.5		
77	89.0	67.2	107.2		
79	28.6	10.6	50.6		

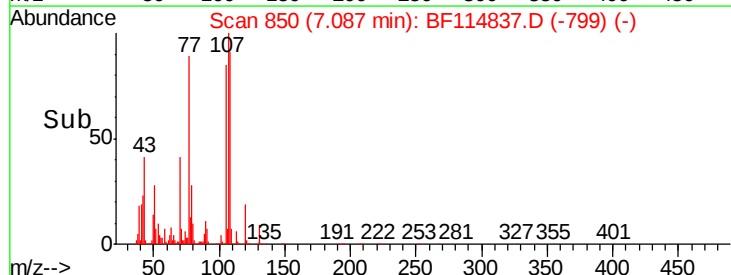
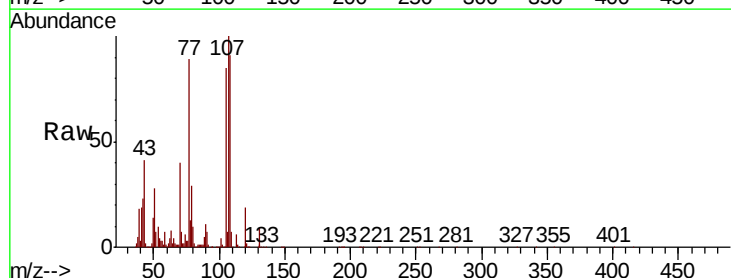
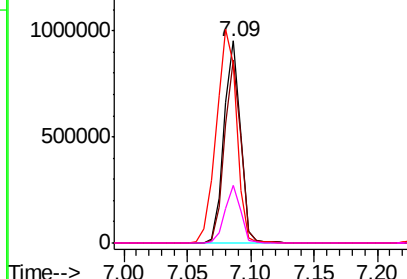
Abundance

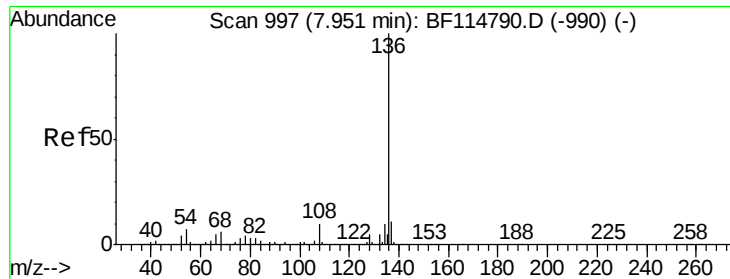
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





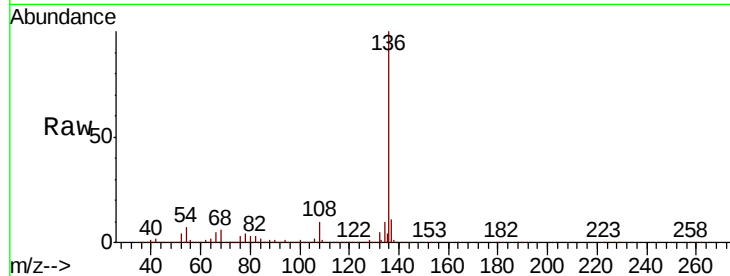
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	136	Resp	1389519
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.0	5.4	8.0
68	6.2	4.6	6.8

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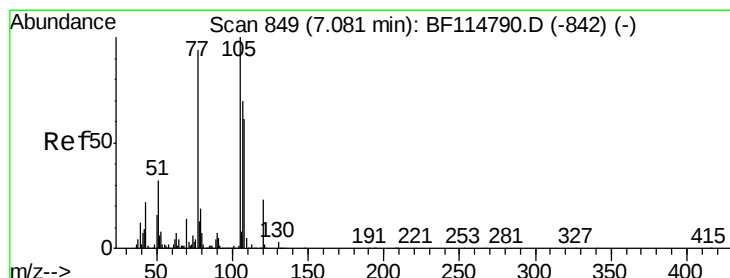
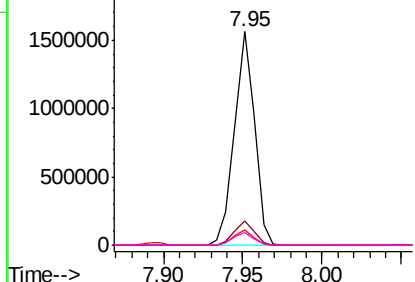
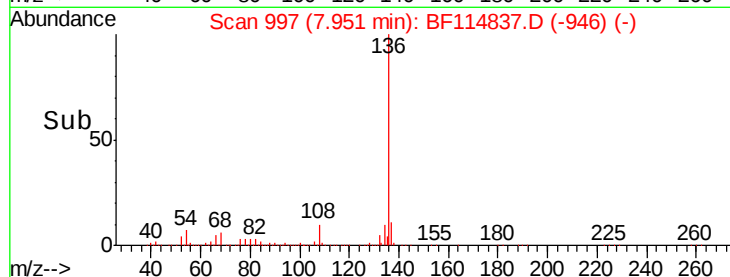
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

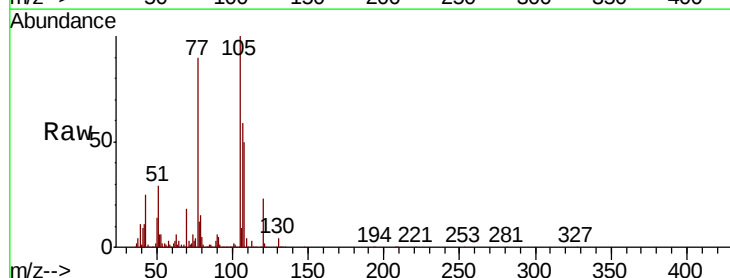
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.576 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	105	Resp	1210716
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	29.4	25.4	38.0
120	23.5	18.7	28.1



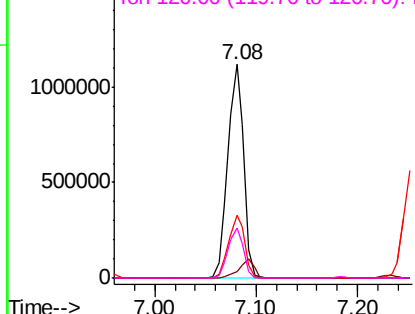
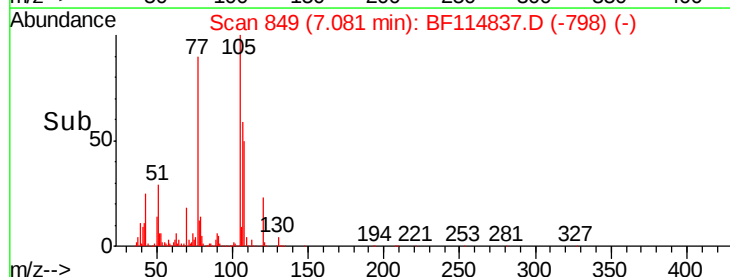
Abundance

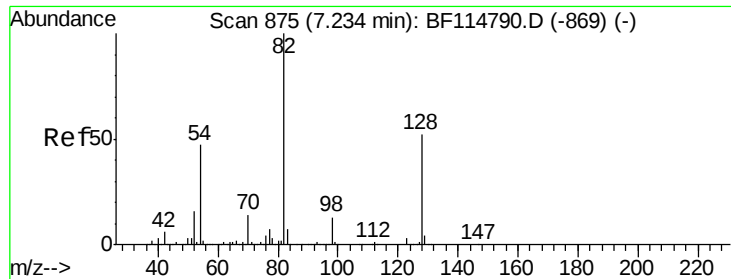
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





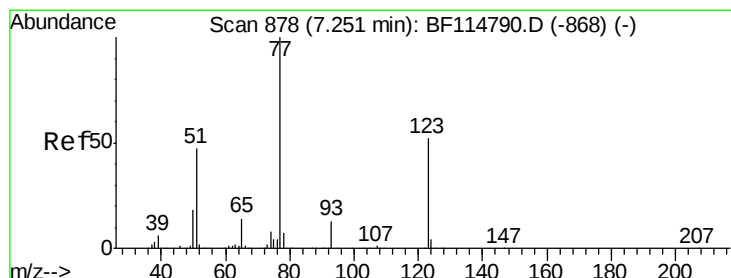
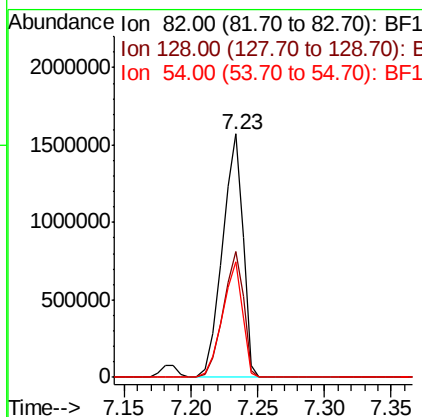
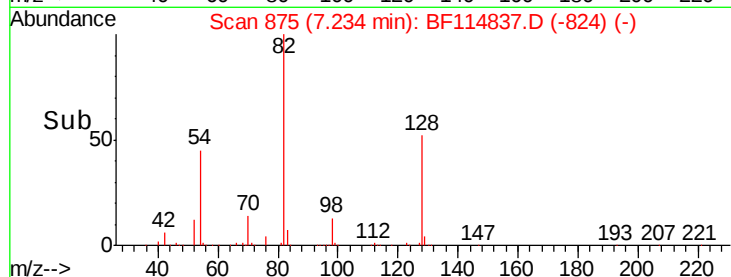
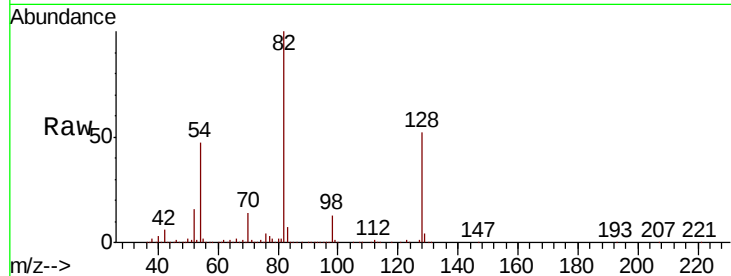
#23
 Nitrobenzene-d5
 Concen: 76.056 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

Tot Ion	82	Resp	1716773
Ion Ratio	100	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	47.4	37.9	56.9

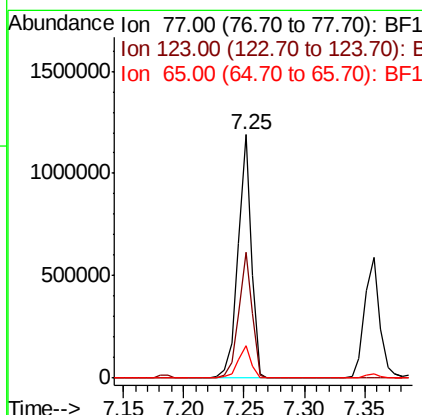
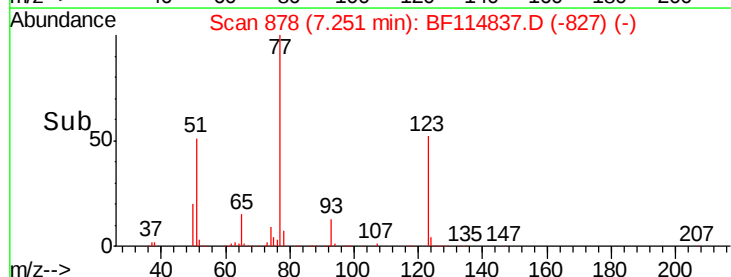
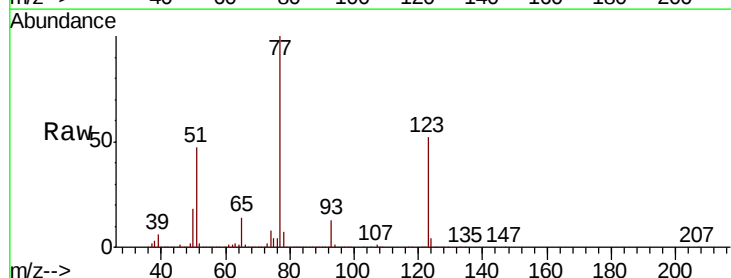
Manual Integrations
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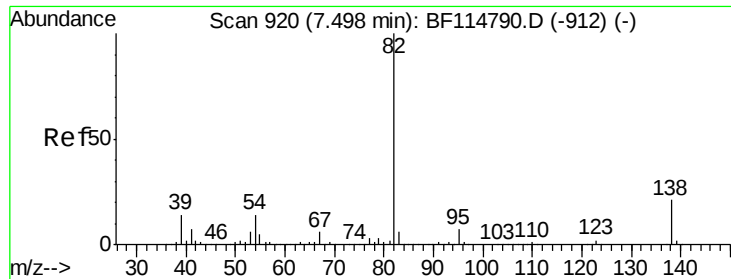
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#24
 Nitrobenzene
 Concen: 39.150 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	77	Resp	915502
Ion Ratio	100	Lower	Upper
77	100		
123	52.0	41.5	62.3
65	13.5	10.8	16.2





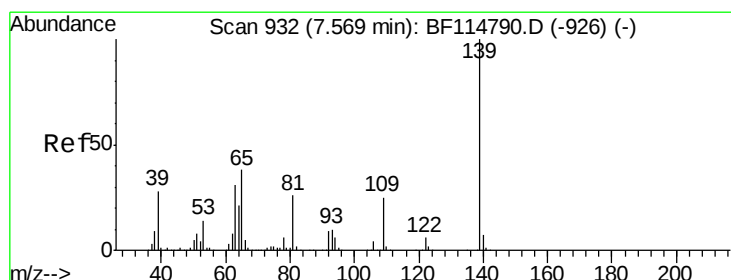
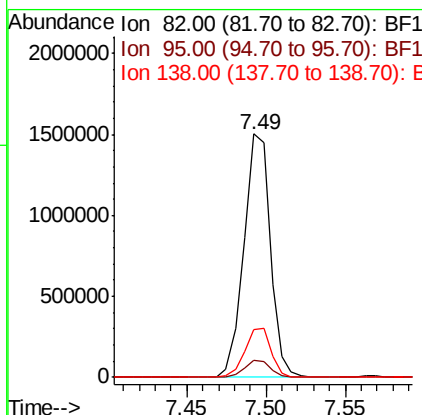
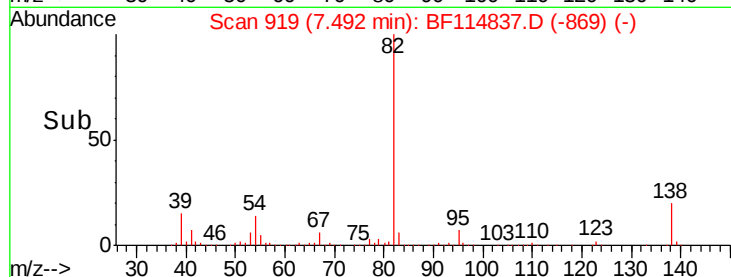
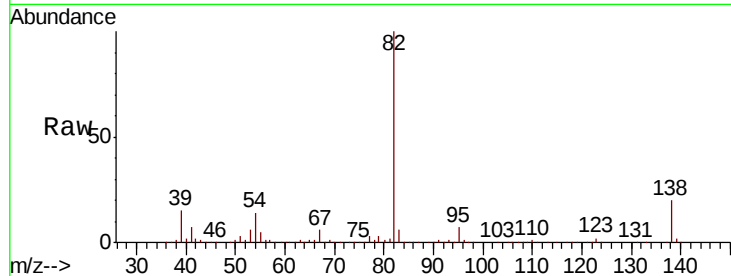
#25
Isophorone
Concen: 38.915 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	82	Resp	1736575
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	19.6	16.9	25.3

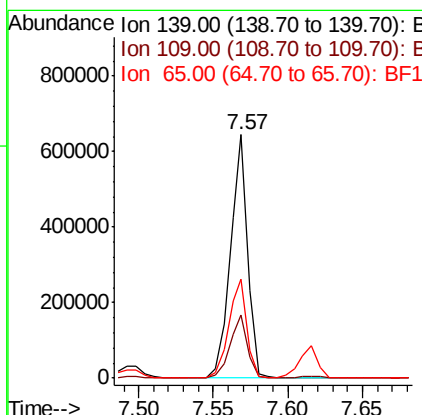
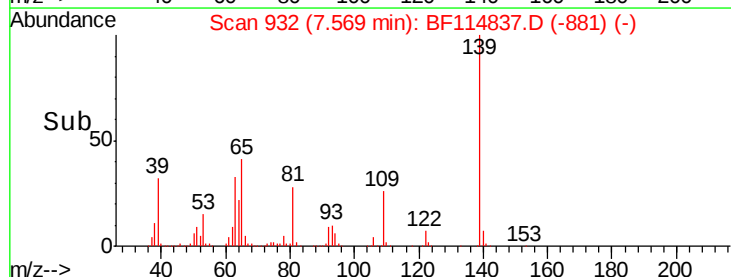
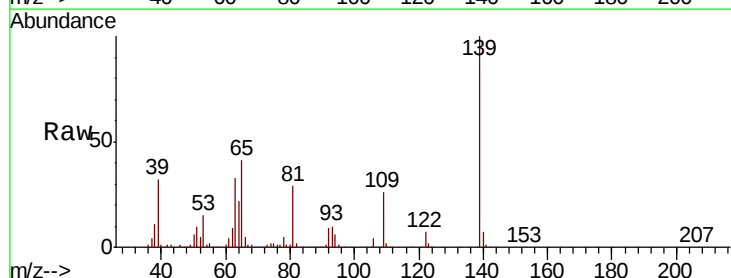
Manual Integrations
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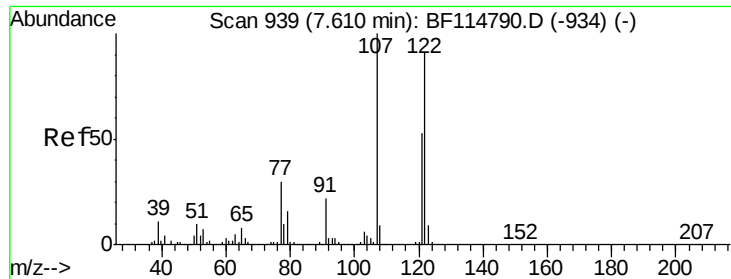
mohammad
6/6/2019 4:50:36 PM



#26
2-Nitrophenol
Concen: 41.617 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	139	Resp	527088
Ion Ratio	100	Lower	Upper
139	100		
109	26.1	20.4	30.6
65	40.8	30.5	45.7





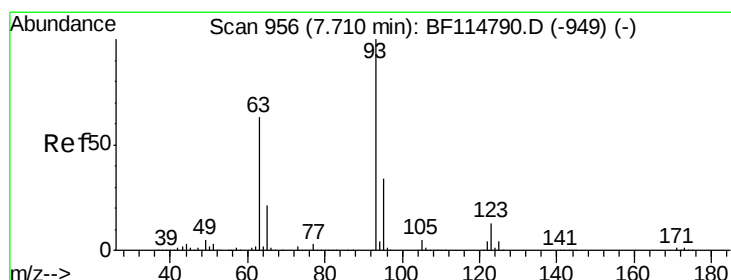
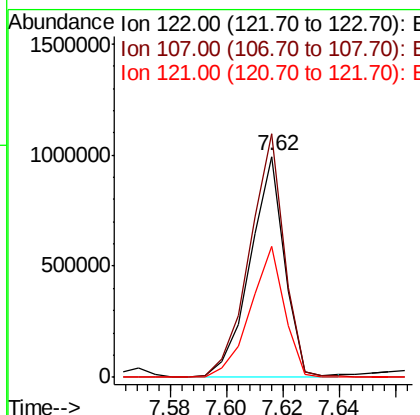
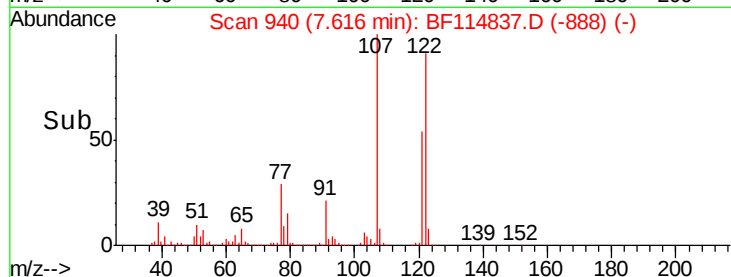
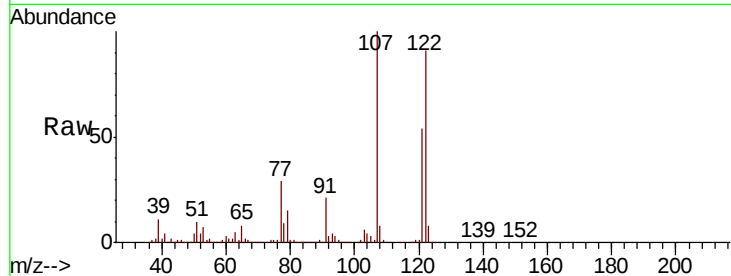
#27
2,4-Dimethylphenol
Concen: 43.708 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampled :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	87.9	131.9
121	59.2	46.4	69.6

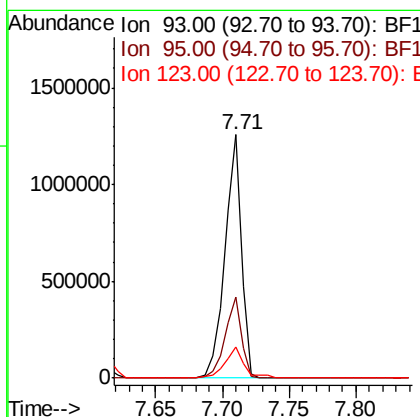
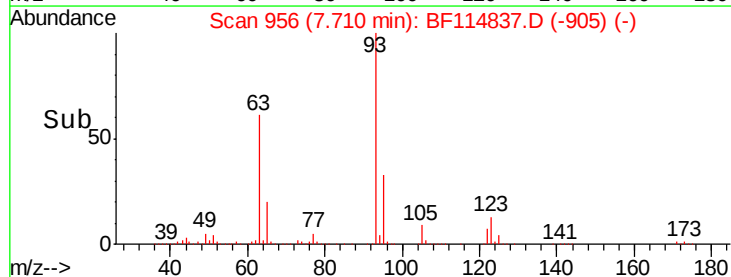
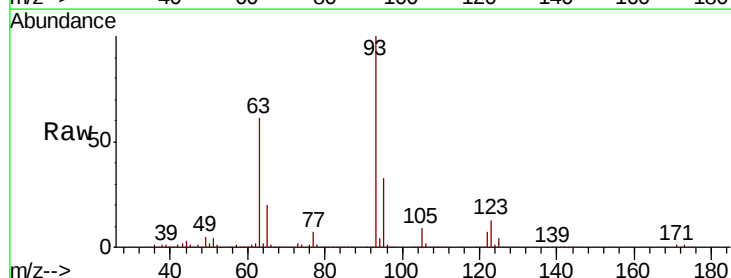
Manual Integrations
APPROVED

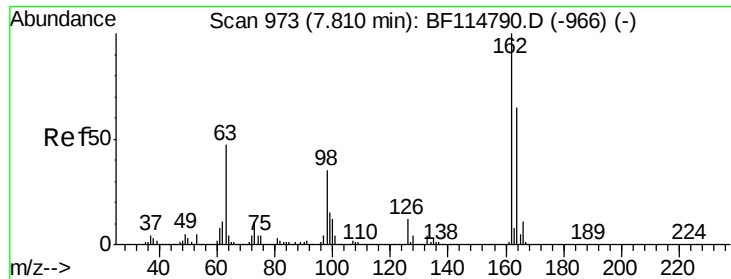
mohammad
6/6/2019 4:50:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.612 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	12.7	10.4	15.6





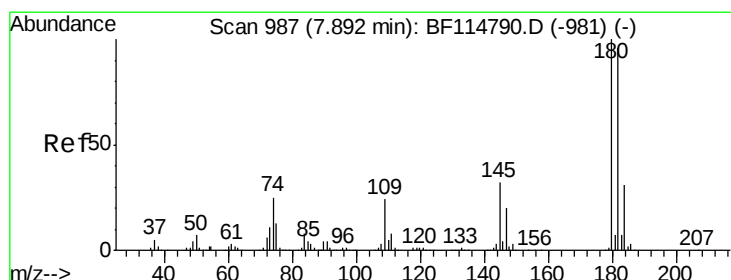
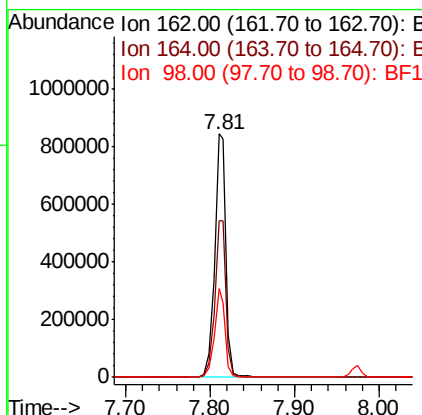
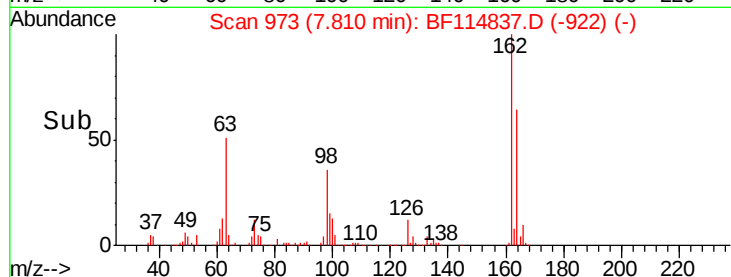
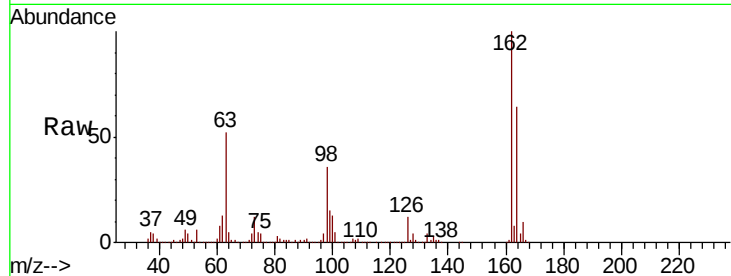
#29
2,4-Dichlorophenol
Concen: 40.112 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampled :
S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	812366		
164	64.3	45.1	85.1	
98	36.3	14.6	54.6	

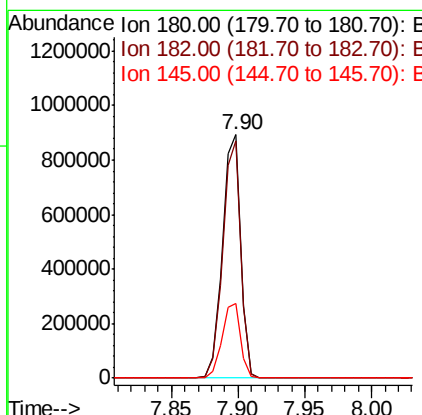
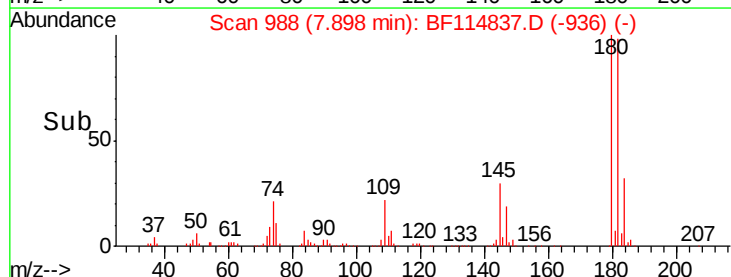
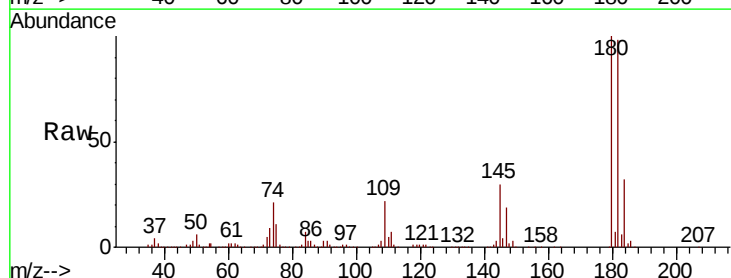
Manual Integrations
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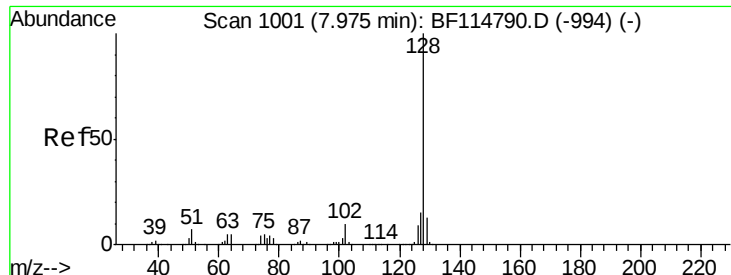
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.217 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	864858		
182	97.5	76.5	114.7	
145	30.5	25.8	38.8	





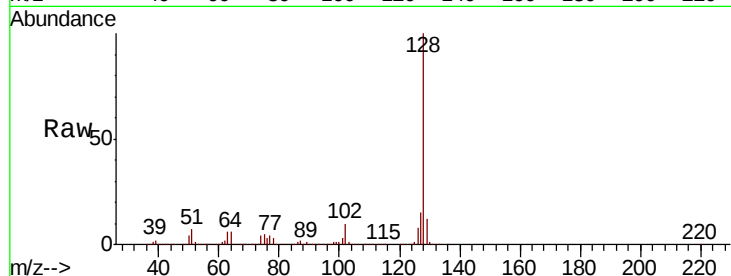
#31
Naphthalene
Concen: 40.270 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	14.7	12.2	18.2

Manual Integrations
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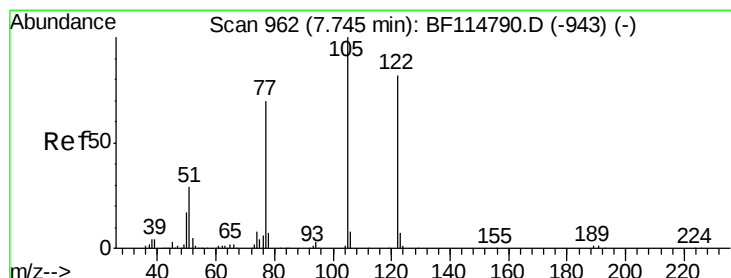
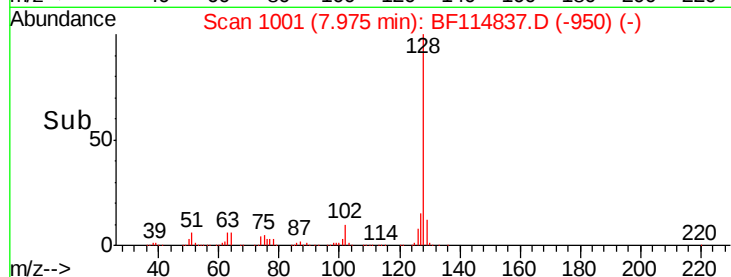
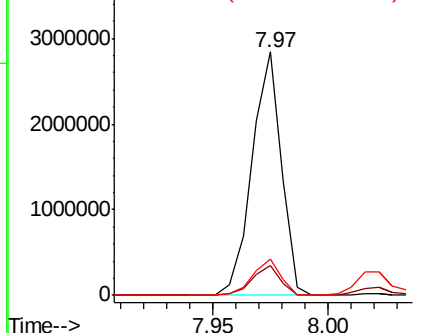


Abundance

Ion 128.00 (127.70 to 128.70): E

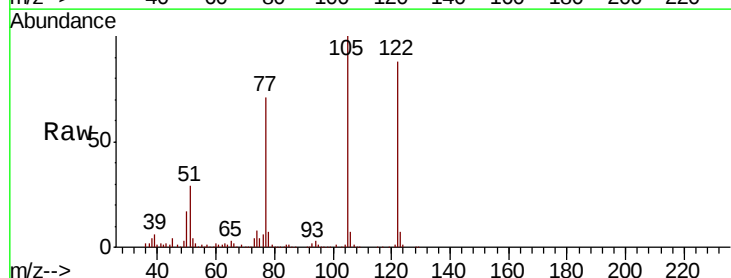
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.983 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.6	98.7	138.7
77	80.8	64.8	104.8

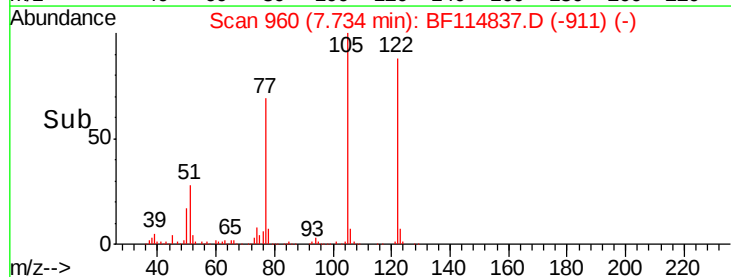
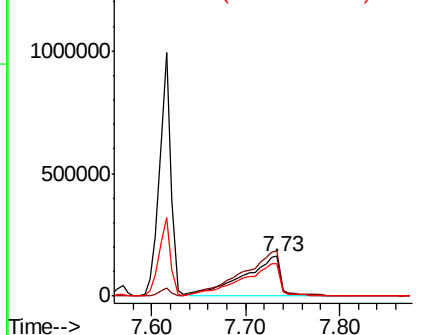


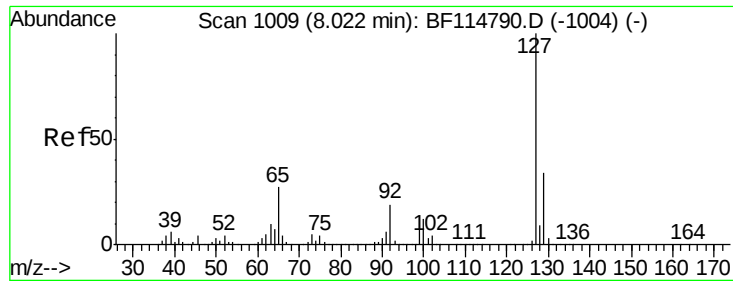
Abundance

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





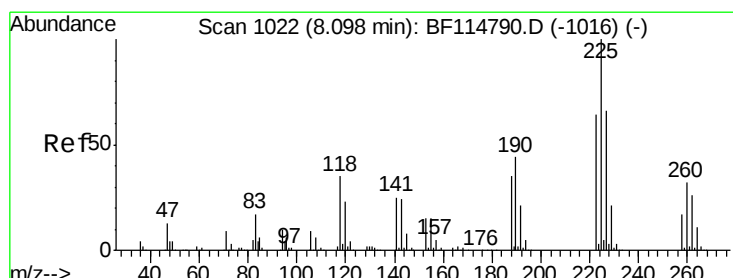
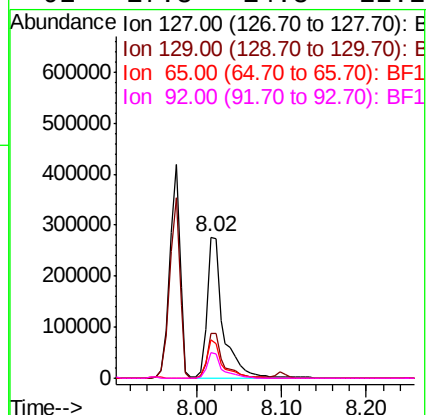
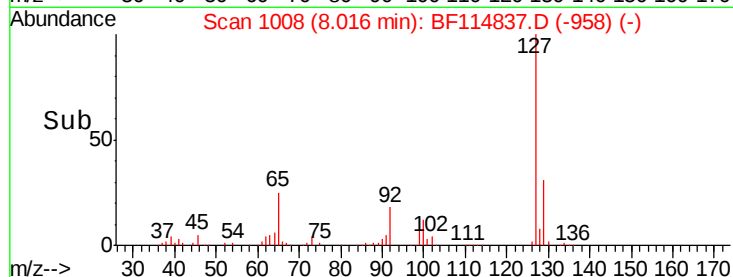
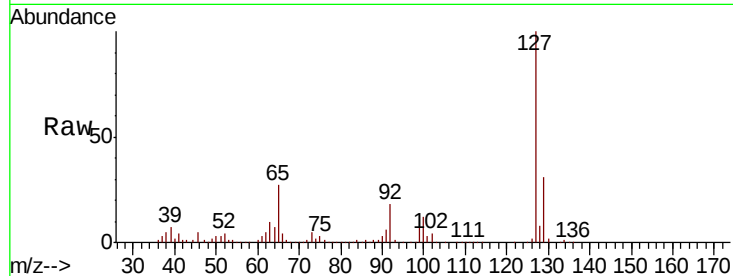
#33
4-Chloroaniline
Concen: 12.049 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.9	40.3		
65	27.5	21.7	32.5		
92	17.8	14.8	22.2		

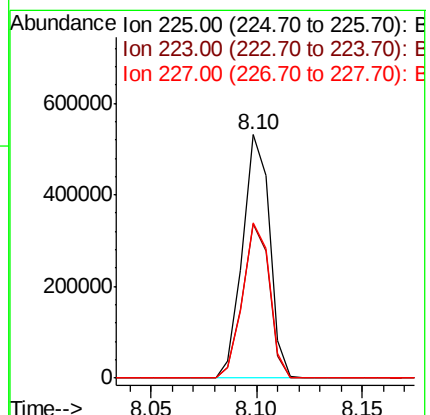
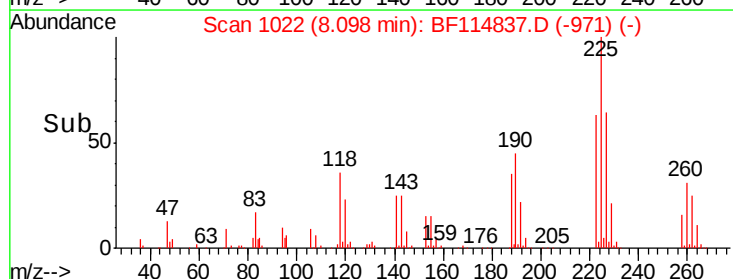
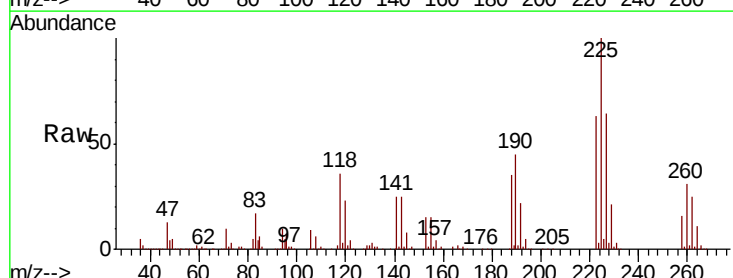
Manual Integrations
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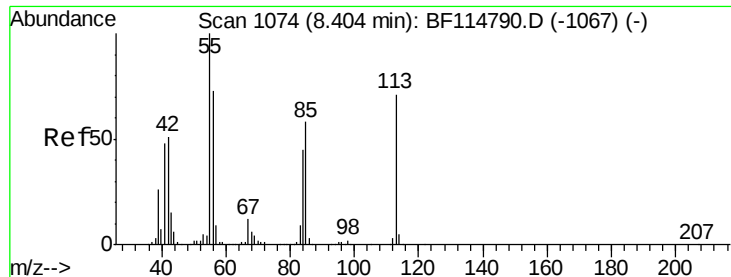
mohammad
6/6/2019 4:50:36 PM



#34
Hexachlorobutadiene
Concen: 35.685 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	64.0	52.6	78.8		





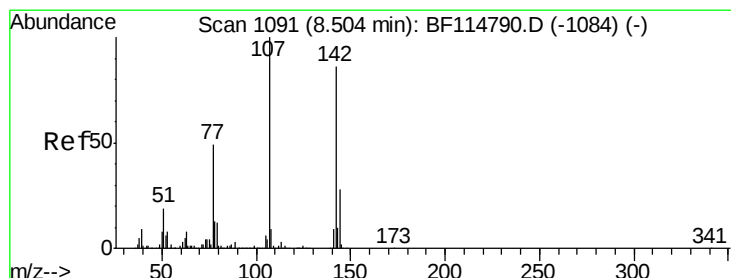
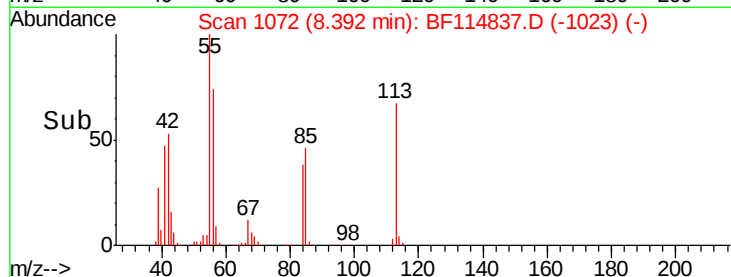
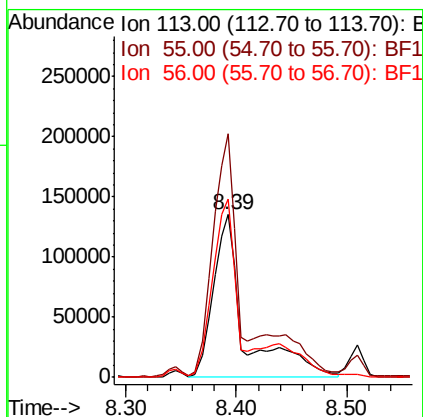
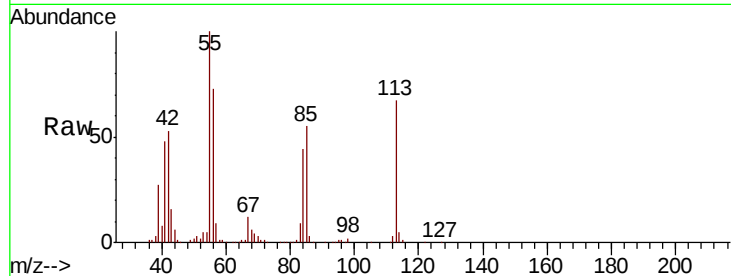
#35
 Caprolactam
 Concen: 39.494 ng/ml
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	261289		
55	149.7	121.1	161.1	
56	109.5	82.6	122.6	

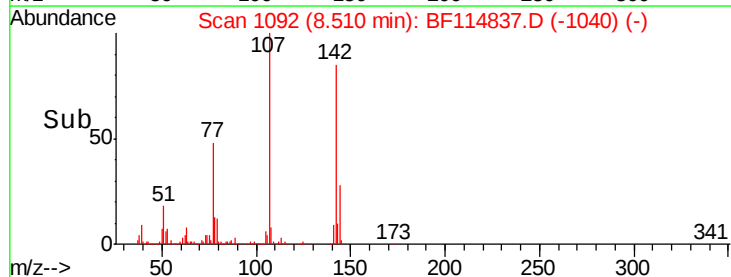
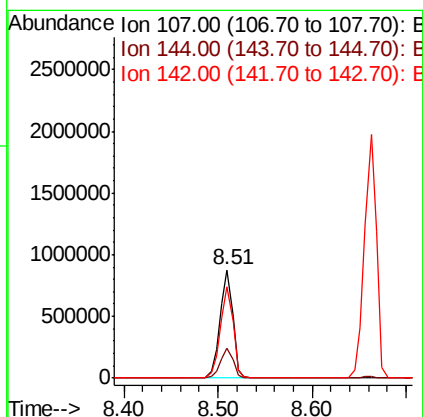
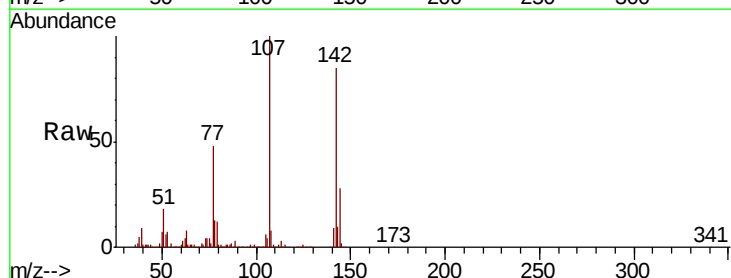
Manual Integrations
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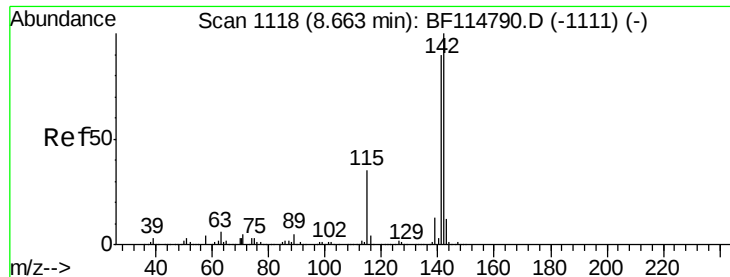
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.347 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	833258		
144	27.7	22.1	33.1	
142	84.8	68.4	102.6	





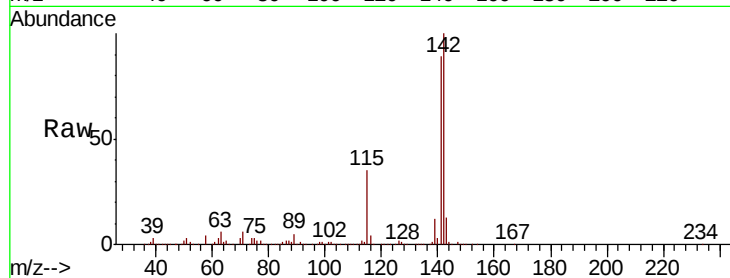
#37
2-Methylnaphthalene
Concen: 40.673 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

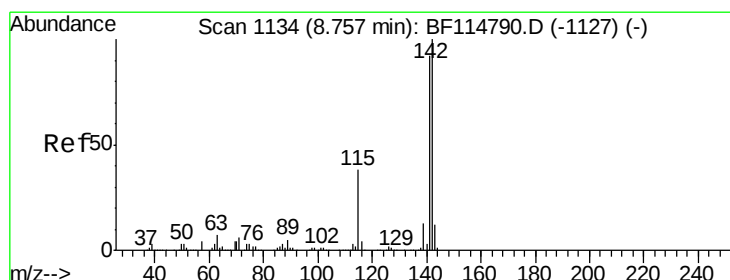
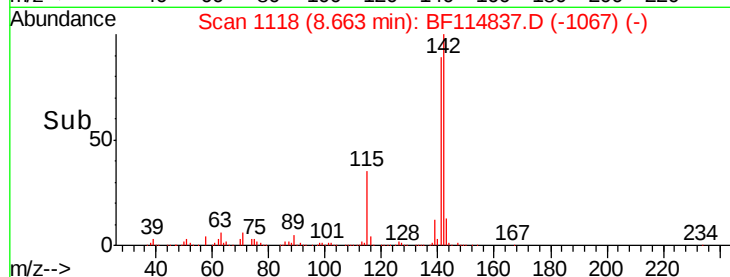
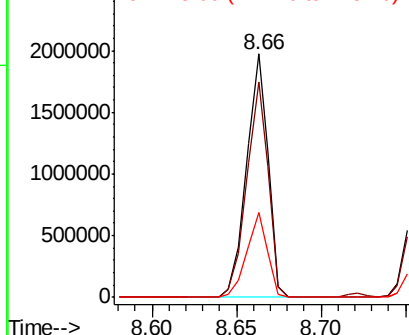
Tot Ion:142 Resp: 1764799
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4
115 34.7 28.2 42.4

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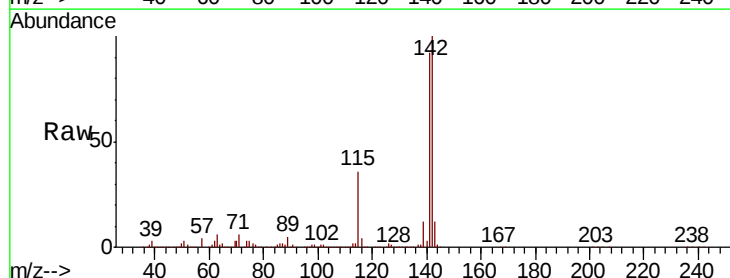


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

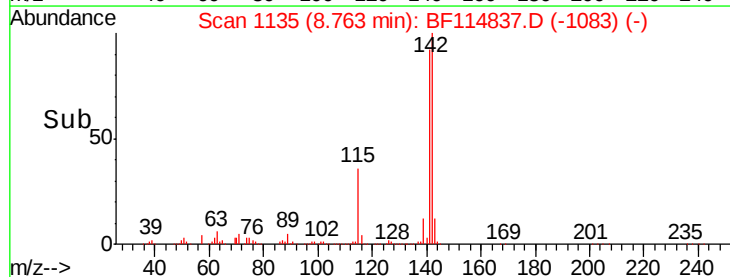
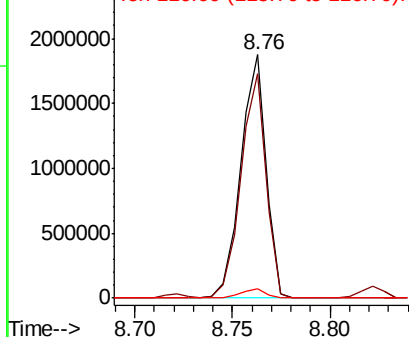


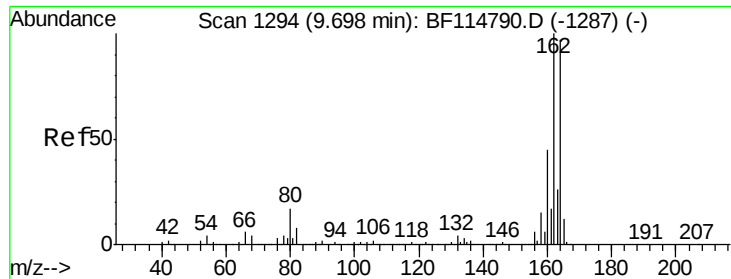
#38
1-Methylnaphthalene
Concen: 40.656 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:142 Resp: 1672924
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.6 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





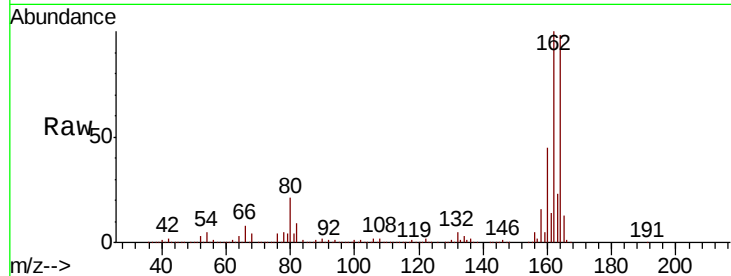
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.3	123.5
160	46.2	36.7	55.1

Manual Integrations
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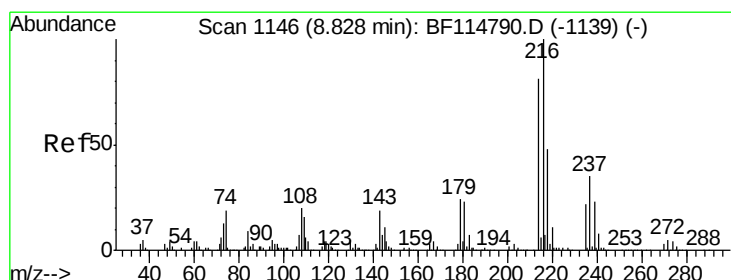
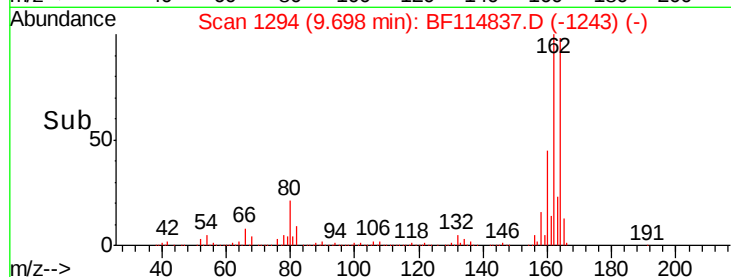
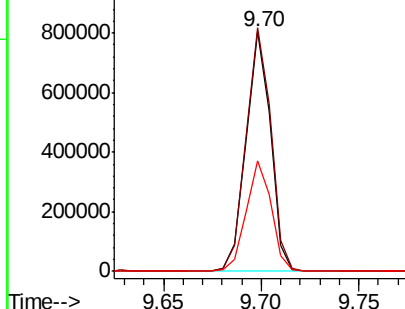


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.450 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.9	18.3	27.5
108	19.5	15.5	23.3

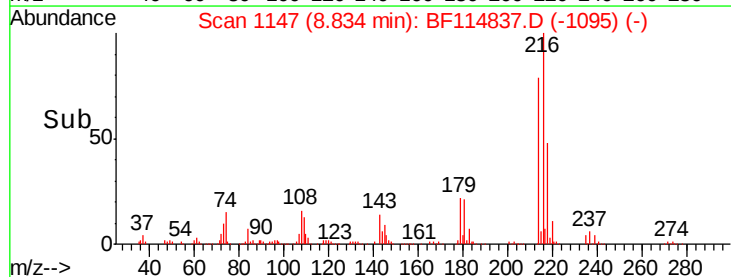
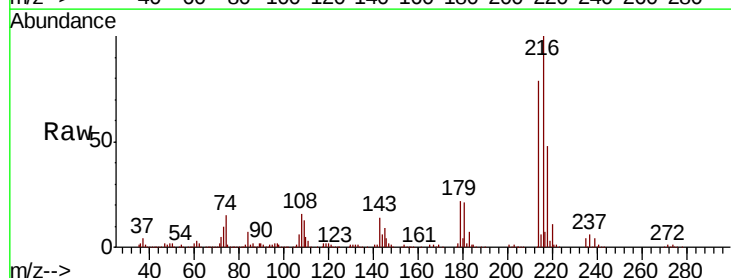
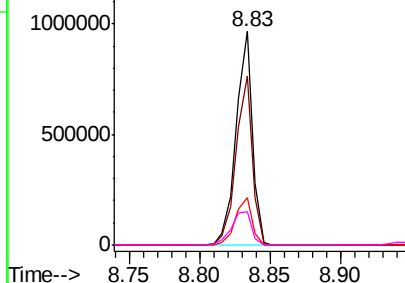
Abundance

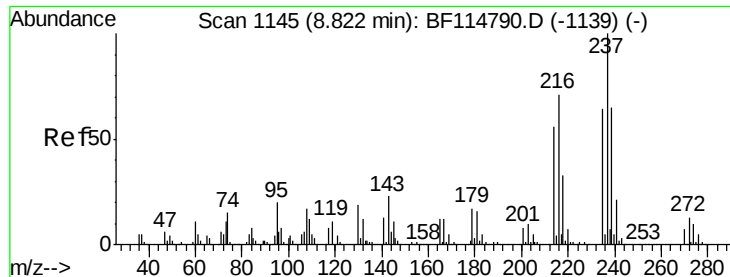
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





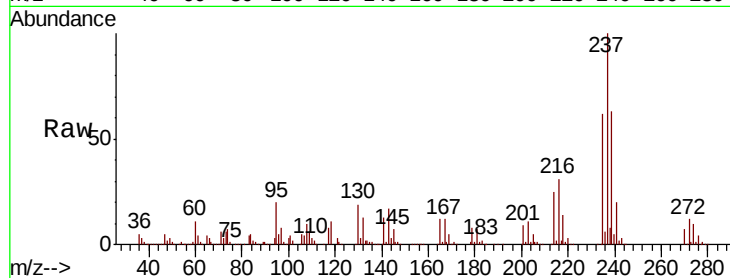
#41
Hexachlorocyclopentadiene
Concen: 47.840 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

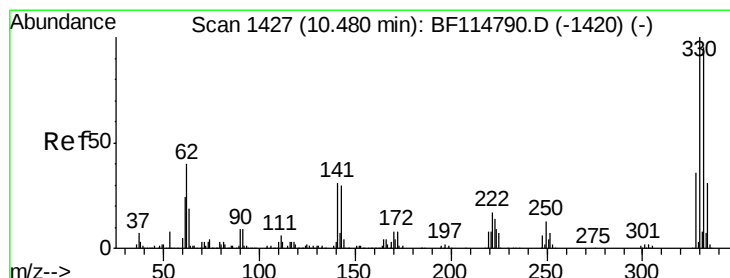
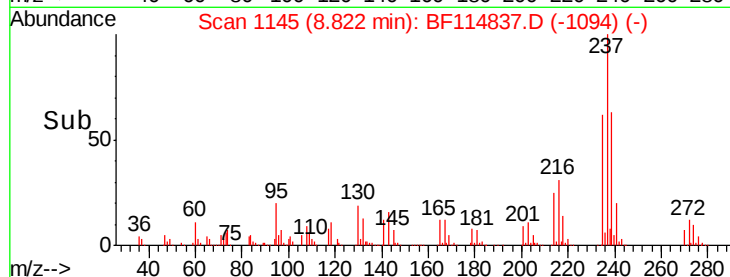
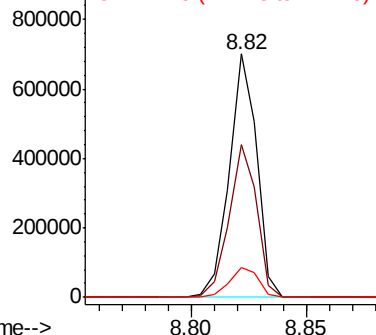
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	44.0	84.0
272	12.4	0.0	33.4

Manual Integrations
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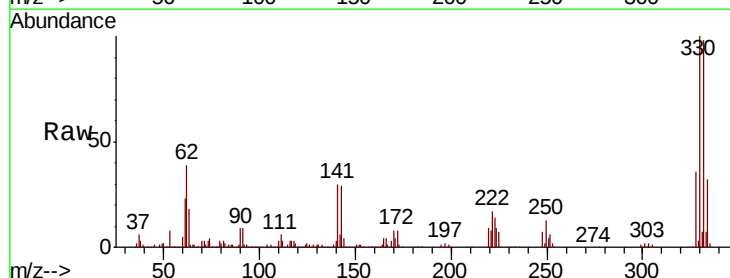


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

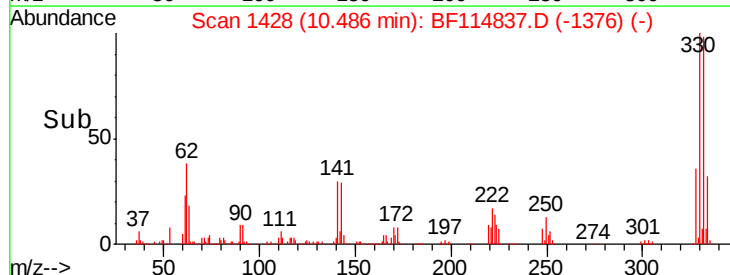
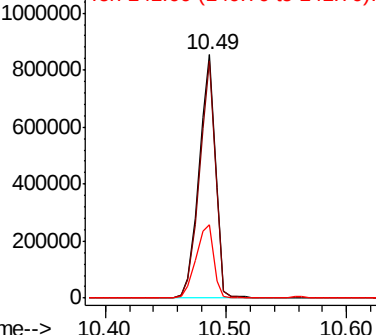


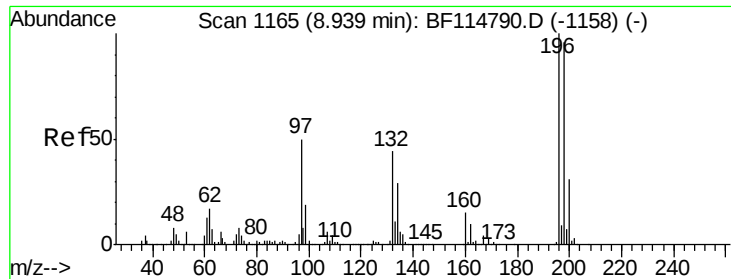
#42
2,4,6-Tribromophenol
Concen: 107.287 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.6	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





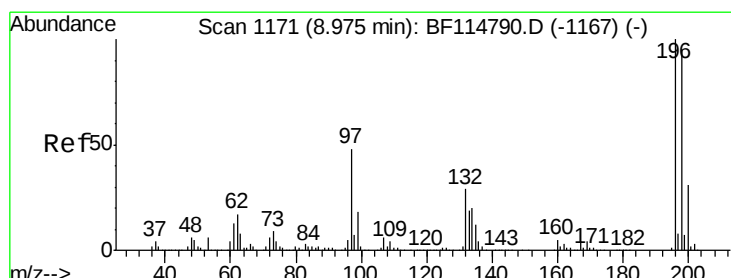
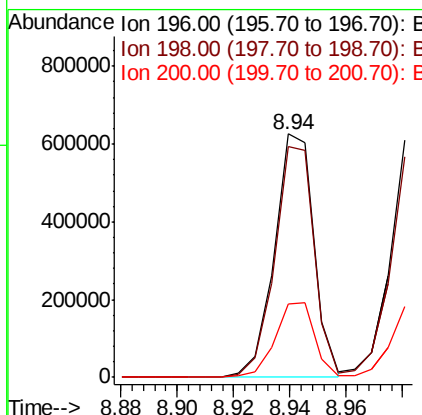
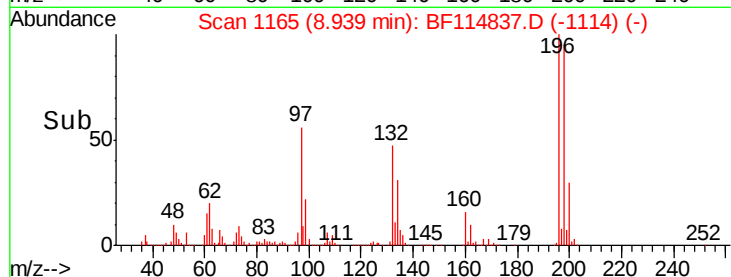
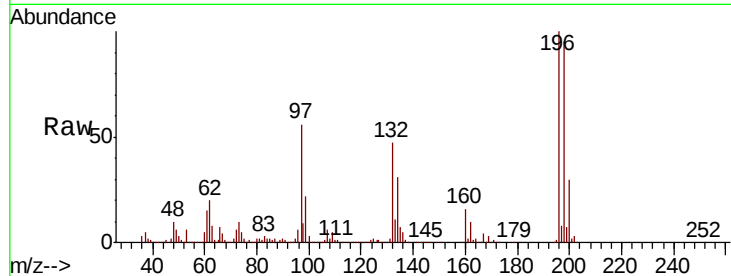
#43
 2,4,6-Trichlorophenol
 Concen: 38.624 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	604906		
198	95.0	77.1	115.7	
200	30.2	24.6	36.8	

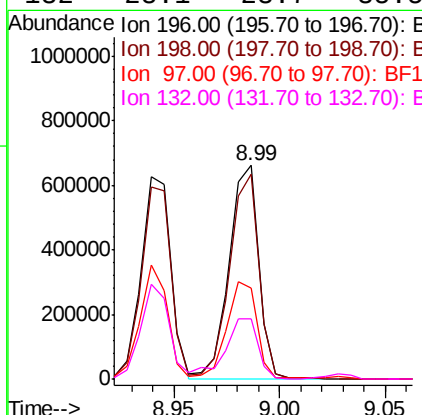
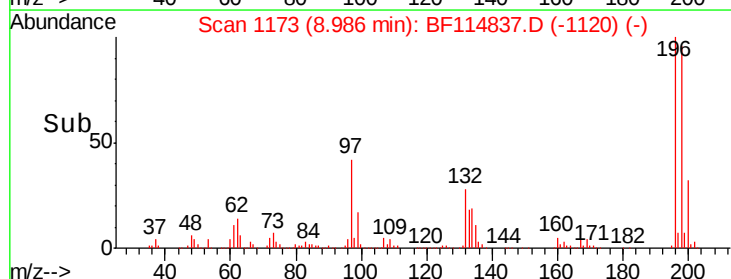
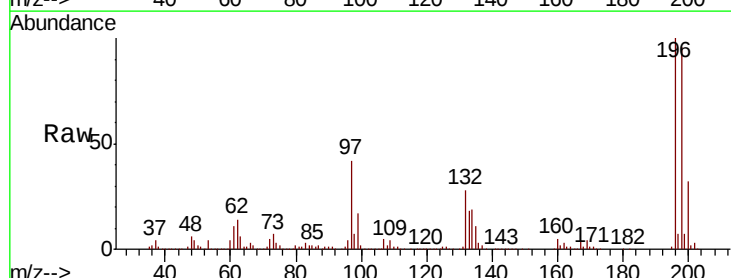
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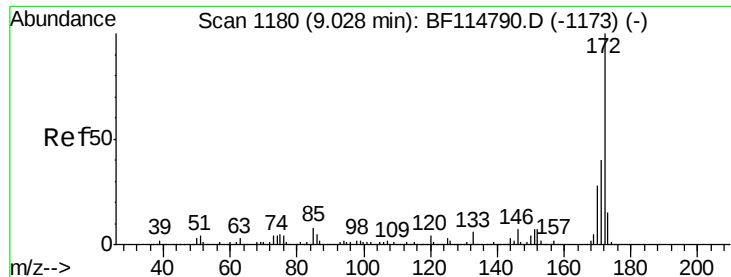
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#44
 2,4,5-Trichlorophenol
 Concen: 40.509 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	638924		
198	95.7	76.2	114.4	
97	42.4	38.2	57.4	
132	28.1	23.7	35.5	





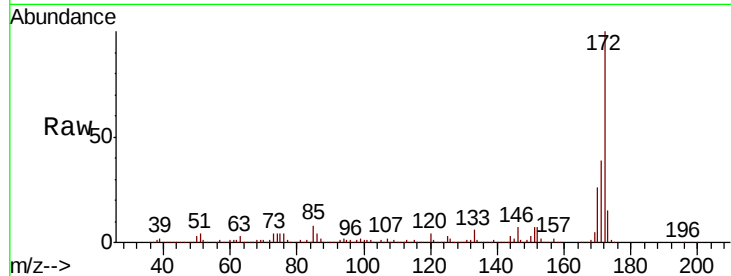
#45
2-Fluorobiphenyl
Concen: 77.672 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.3	48.5
170	26.4	22.4	33.6

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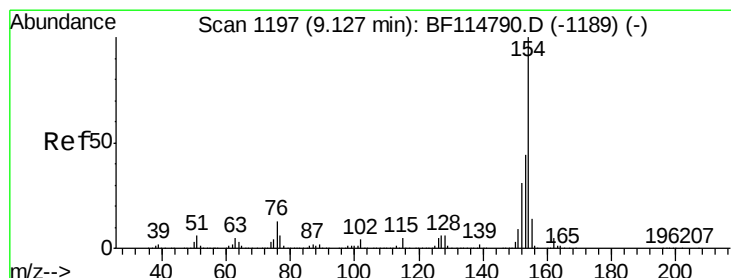
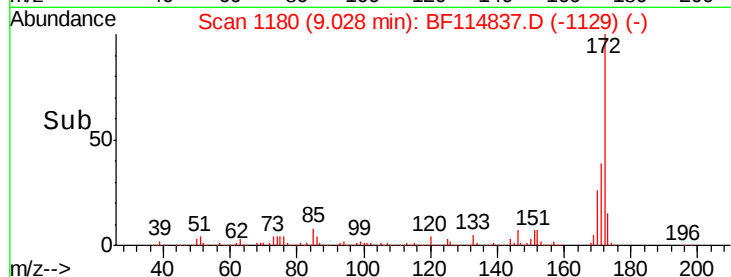
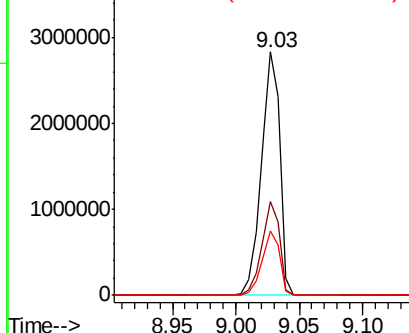


Abundance

Ion 172.00 (171.70 to 172.70): E

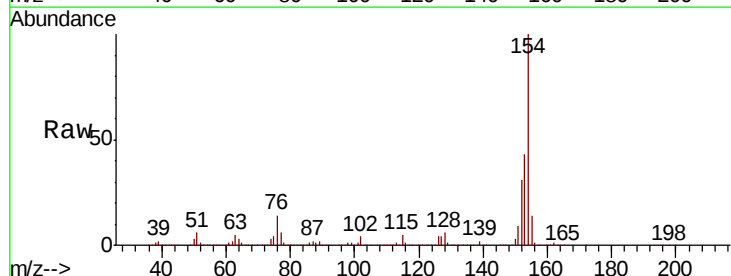
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.497 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.9	63.9
76	13.7	0.0	33.2

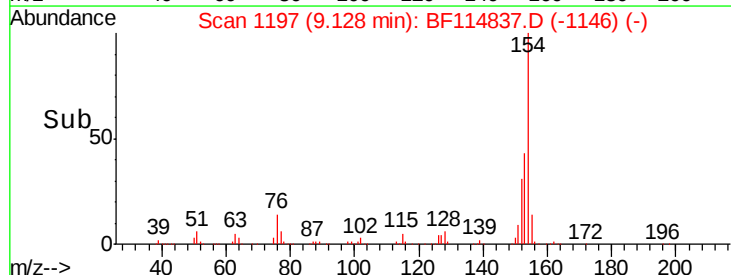
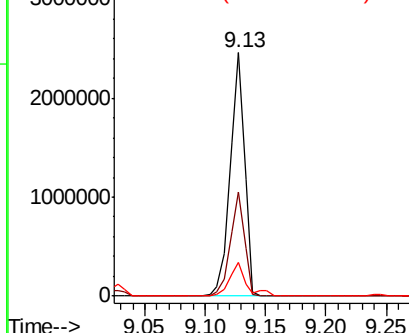


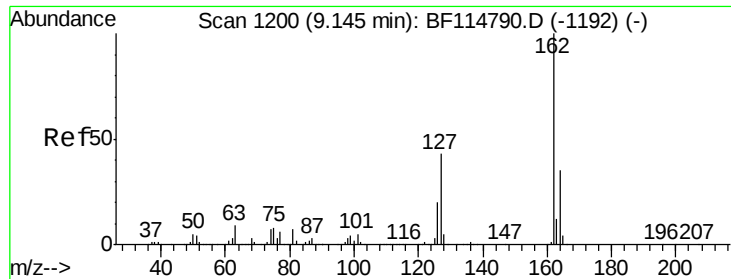
Abundance

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





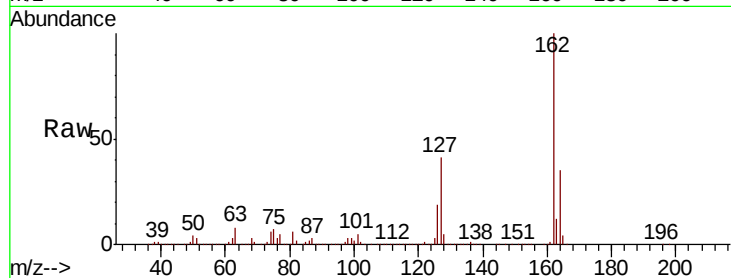
#47
2-Chloronaphthalene
Concen: 38.169 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.6	51.8
164	34.6	27.8	41.8

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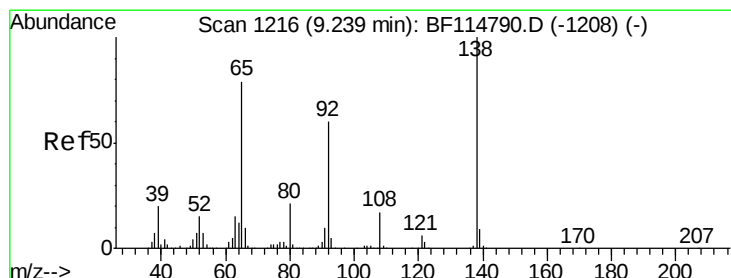
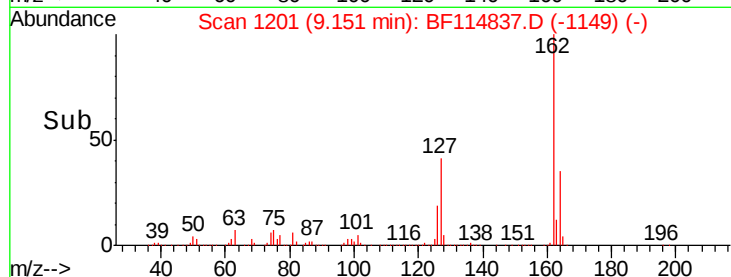
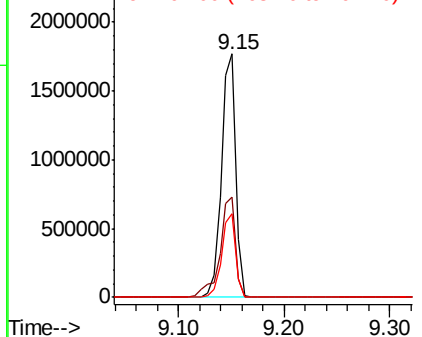


Abundance

Ion 162.00 (161.70 to 162.70): E

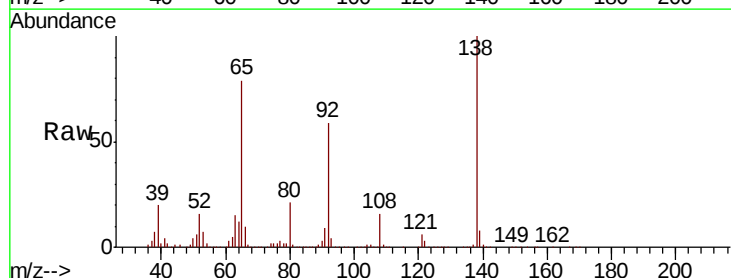
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.971 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	60.4	90.6
138	126.9	101.2	151.8

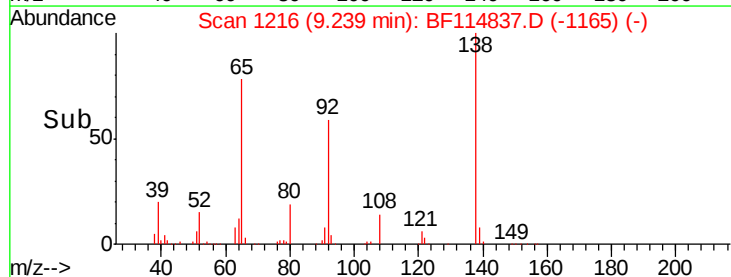
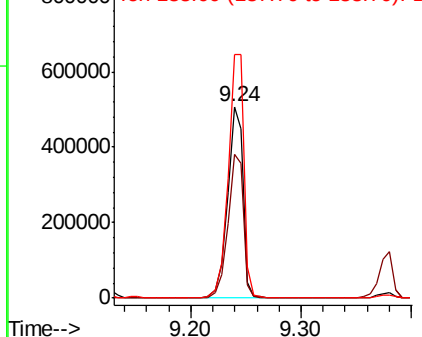


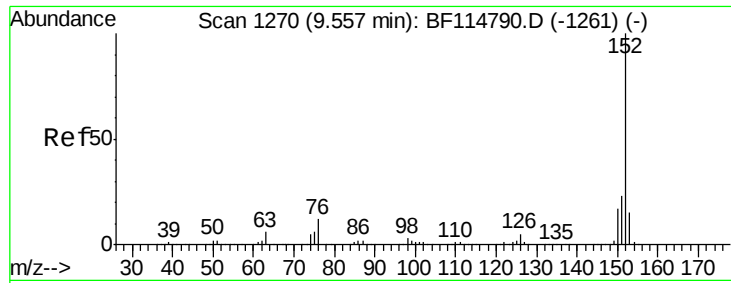
Abundance

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: 40.190 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

S-8CMSD

Tot Ion:152 Resp: 2565257

Ion Ratio Lower Upper

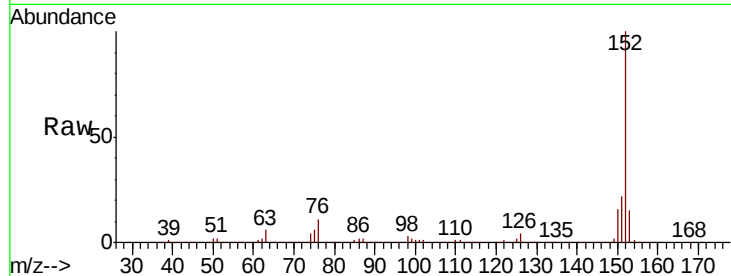
152 100

151 22.2 18.3 27.5

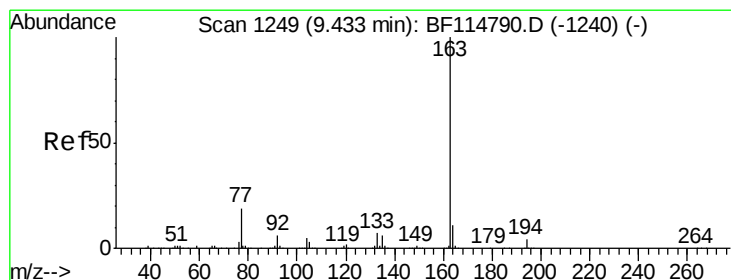
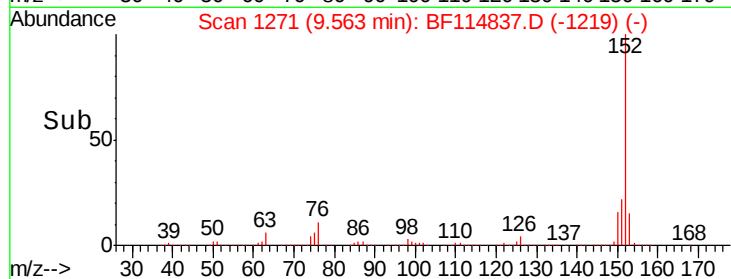
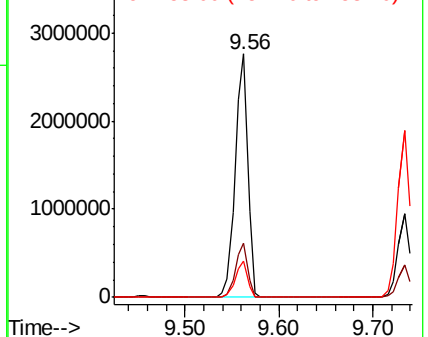
153 14.7 12.3 18.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.689 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

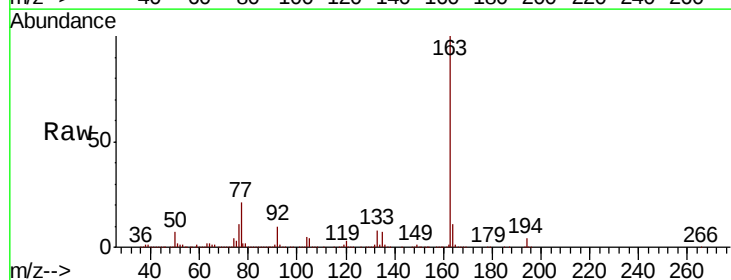
Tgt Ion:163 Resp: 2536334

Ion Ratio Lower Upper

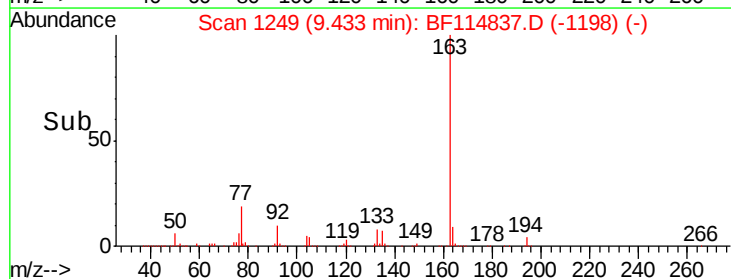
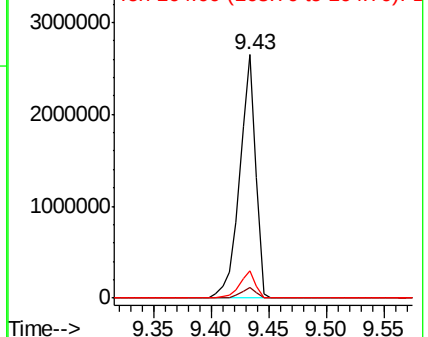
163 100

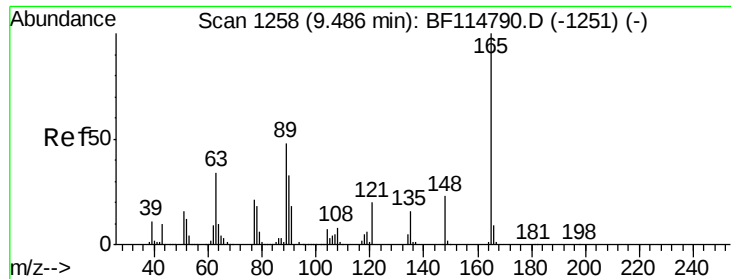
194 4.3 3.4 5.2

164 11.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





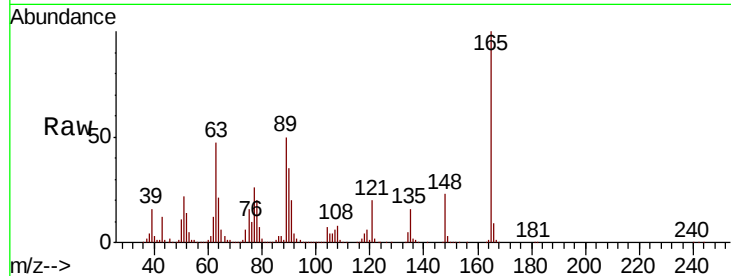
#51
2,6-Dinitrotoluene
Concen: 40.339 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

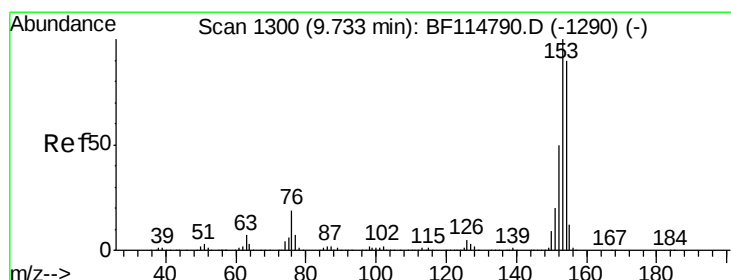
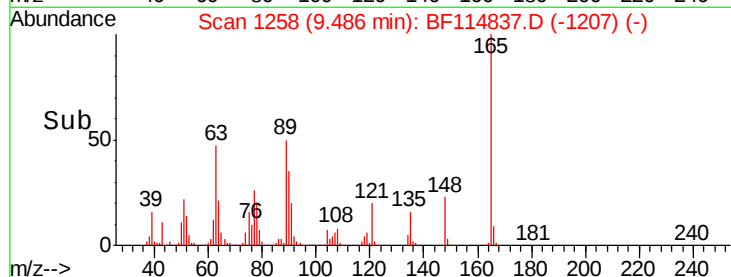
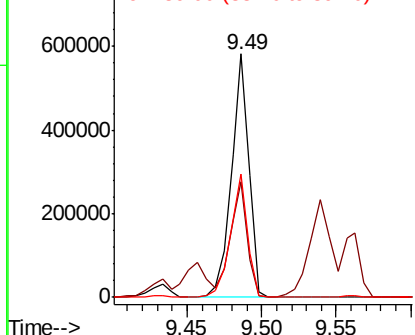
Tot Ion	Ratio	Resp	Lower	Upper
165	100	484245		
63	47.3		35.1	52.7
89	50.4		38.2	57.2

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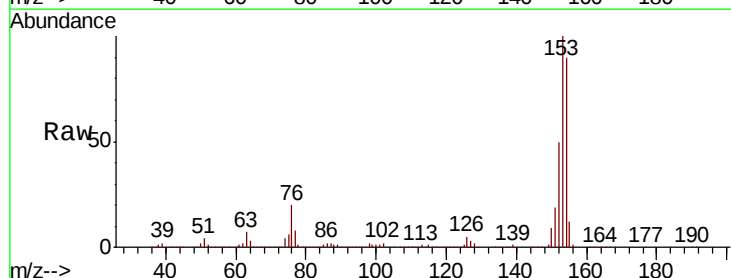


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

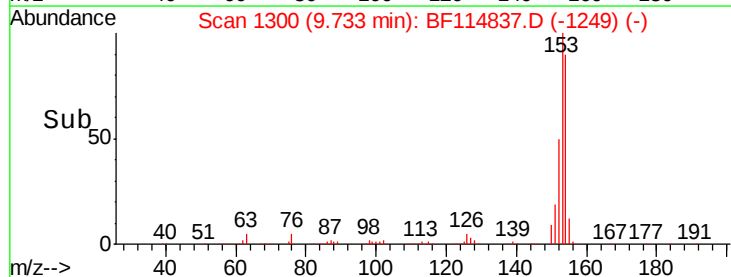
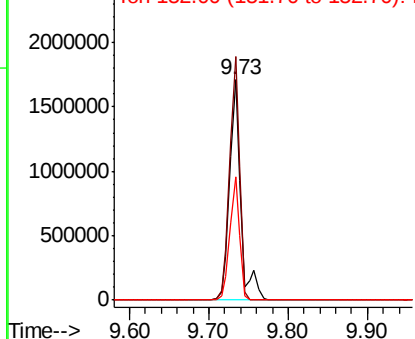


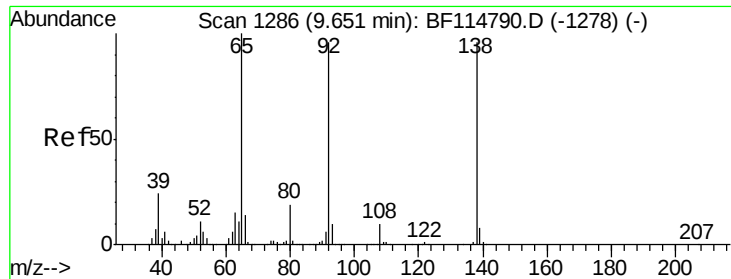
#52
Acenaphthene
Concen: 40.424 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1690215		
153	110.5		88.5	132.7
152	55.8		44.1	66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





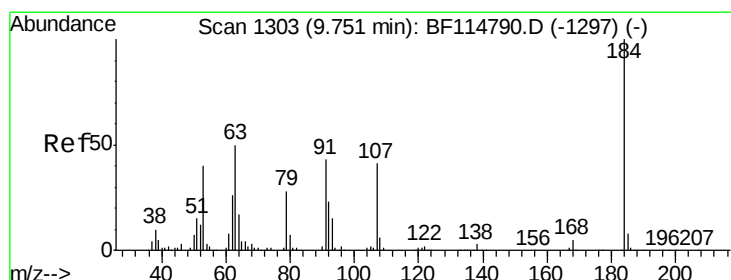
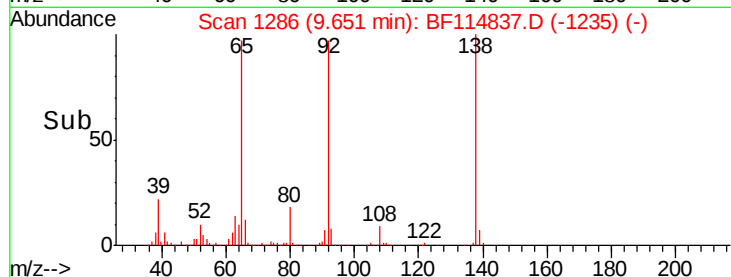
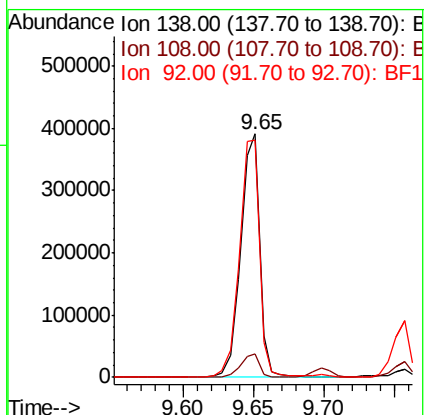
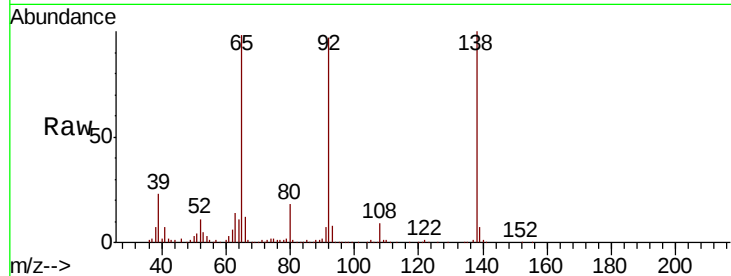
#53
3-Nitroaniline
Concen: 26.181 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	97.4	79.9	119.9

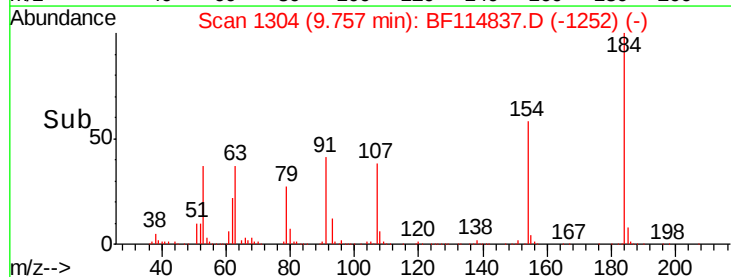
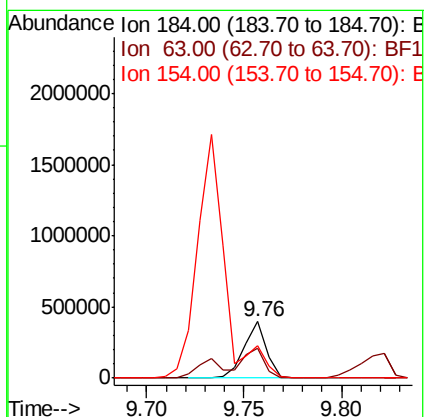
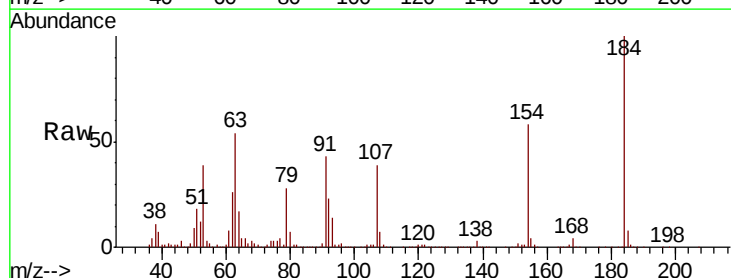
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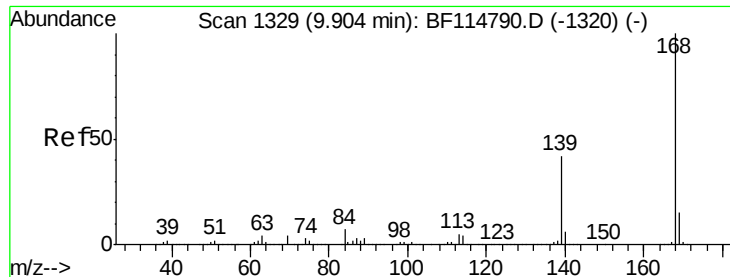
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#54
2,4-Dinitrophenol
Concen: 59.506 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	44.1	66.1
154	58.4	48.1	72.1





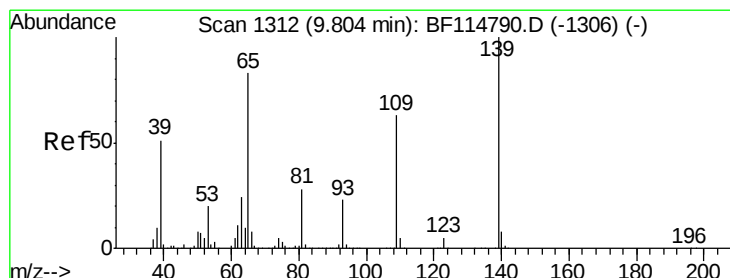
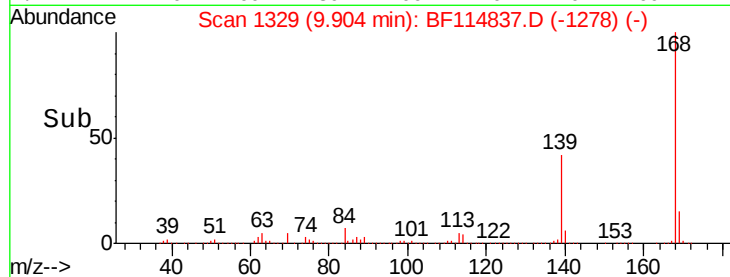
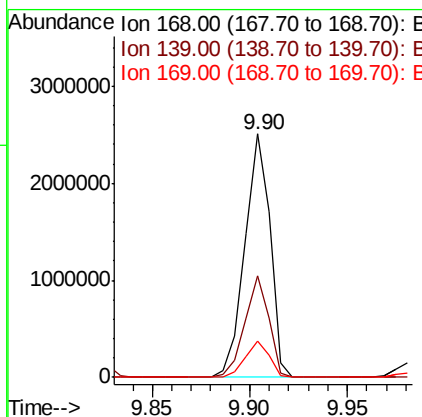
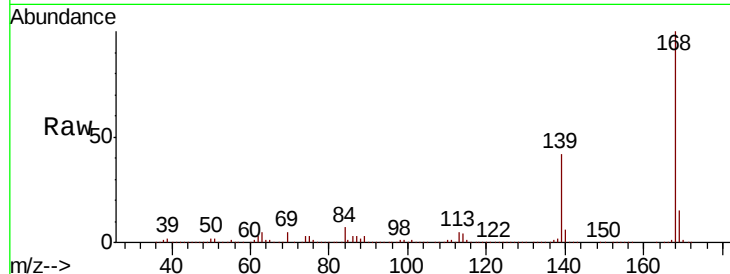
#55
Dibenzofuran
Concen: 38.719 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.8	50.6
169	14.9	11.9	17.9

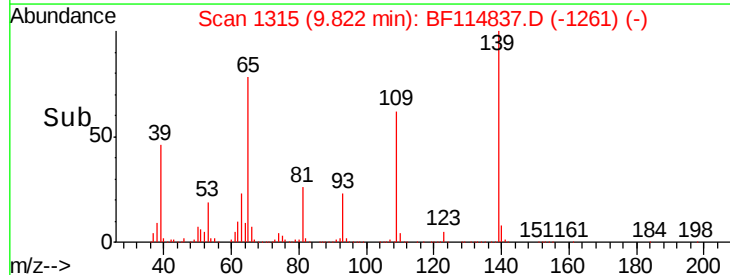
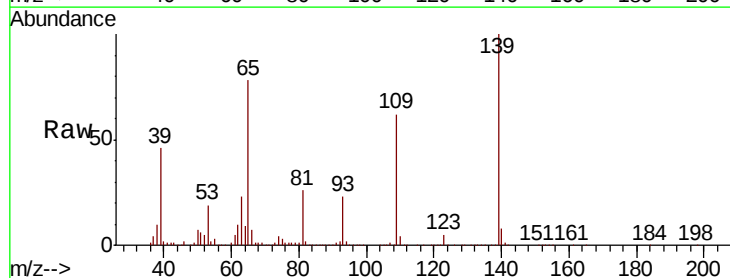
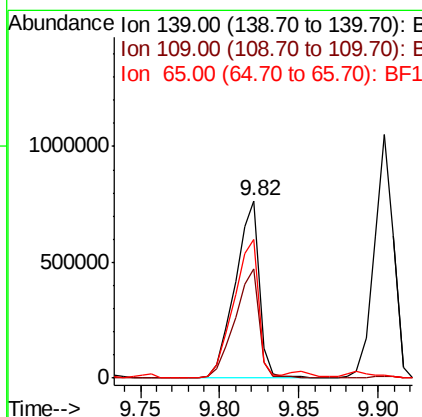
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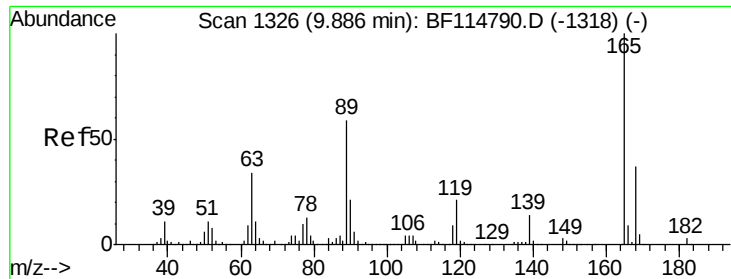
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#56
4-Nitrophenol
Concen: 78.679 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.5	83.5
65	78.1	63.2	103.2





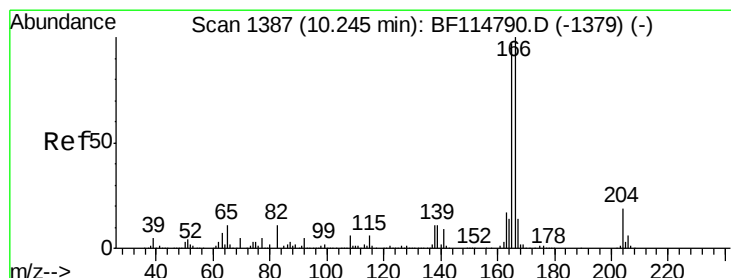
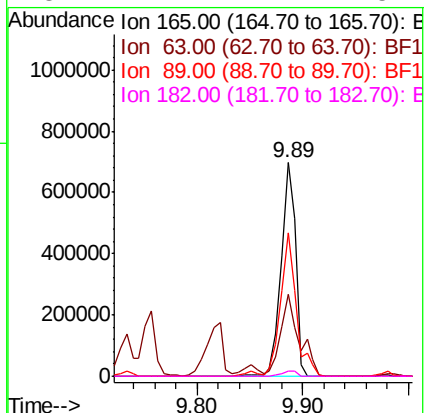
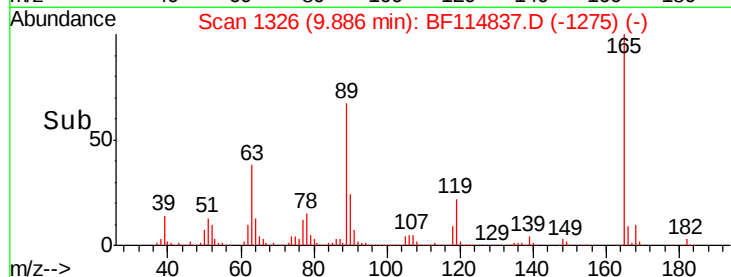
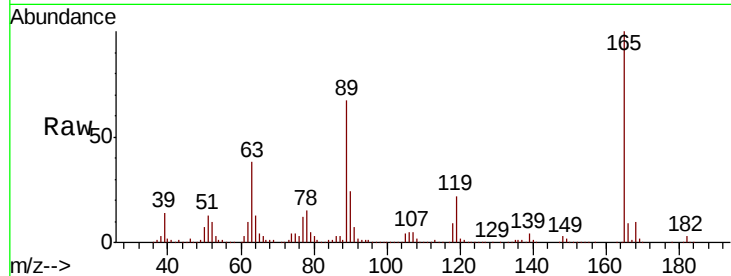
#57
2,4-Dinitrotoluene
Concen: 42.768 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		645421		
63	38.3	27.0	40.4		
89	67.4	47.0	70.6		
182	2.7	2.2	3.2		

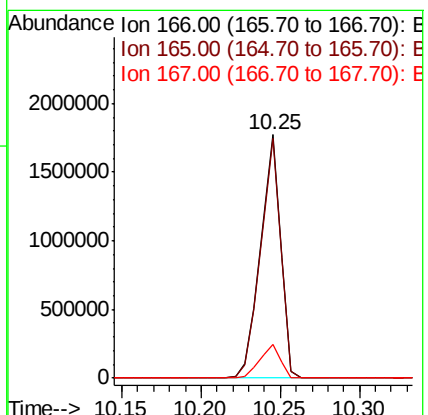
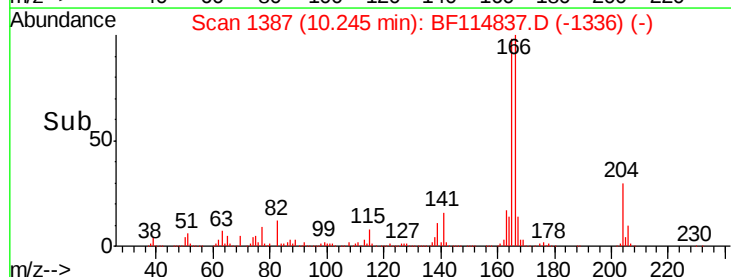
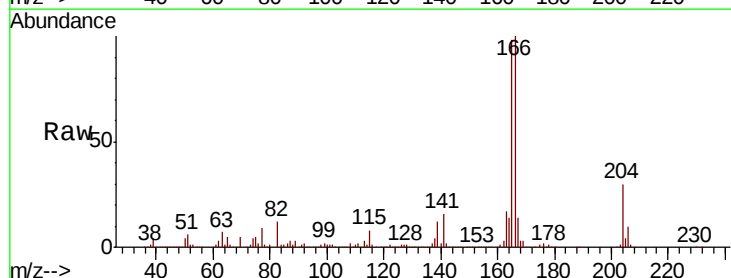
Manual Integrations
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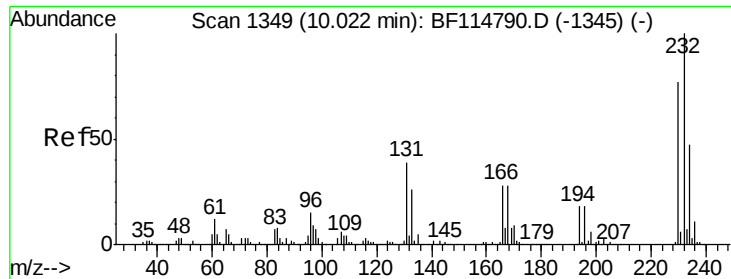
mohammad
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#58
Fluorene
Concen: 42.436 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1600857		
165	98.2	77.9	116.9		
167	14.1	11.3	16.9		





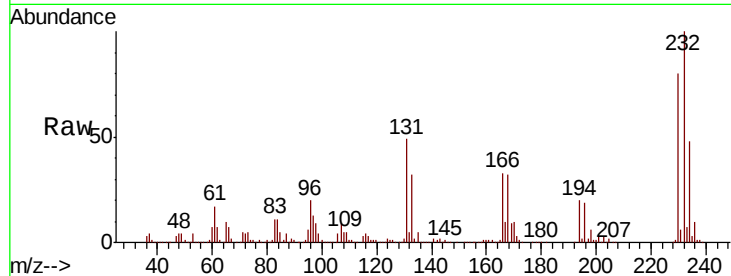
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.229 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

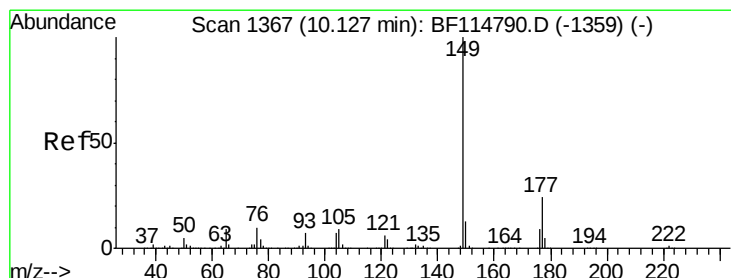
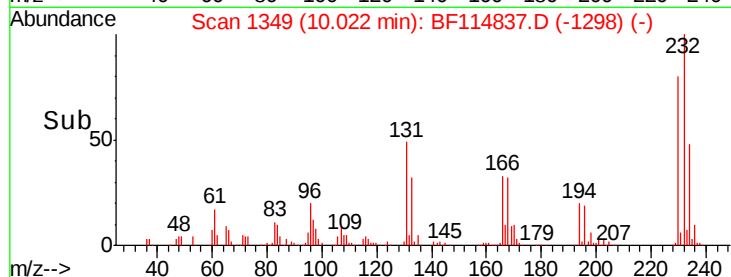
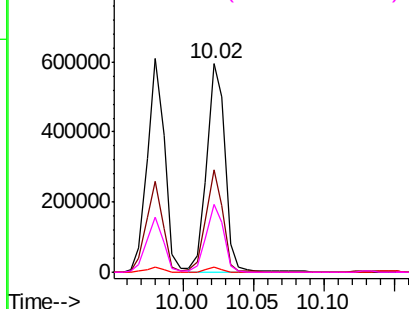
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.8	55.2
130	2.2	1.8	2.6
166	31.0	24.6	37.0

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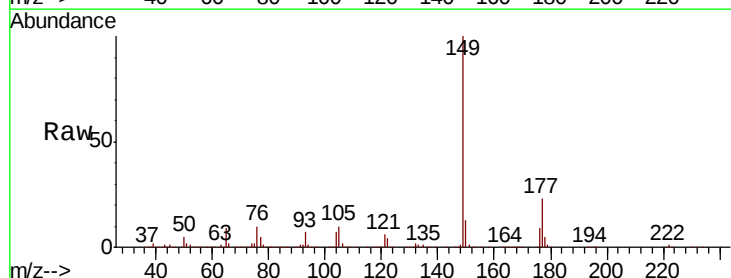


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

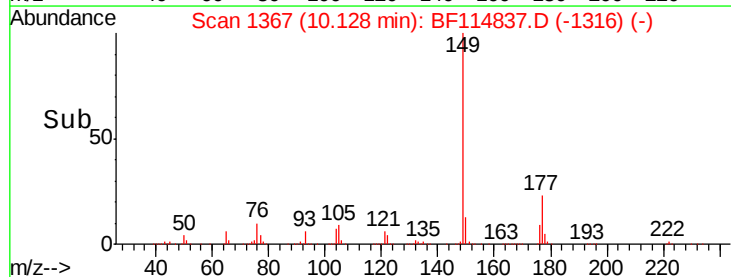
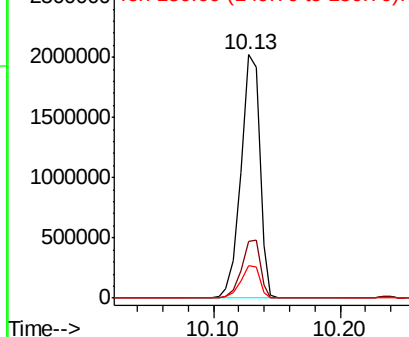


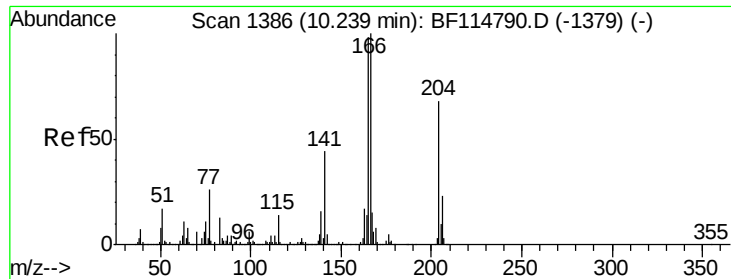
#60
Diethylphthalate
Concen: 40.487 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.3	28.9
150	13.3	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





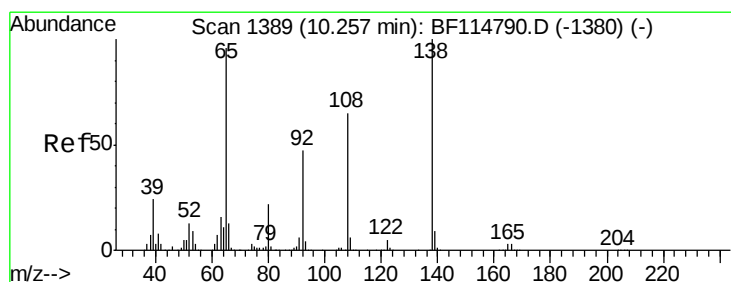
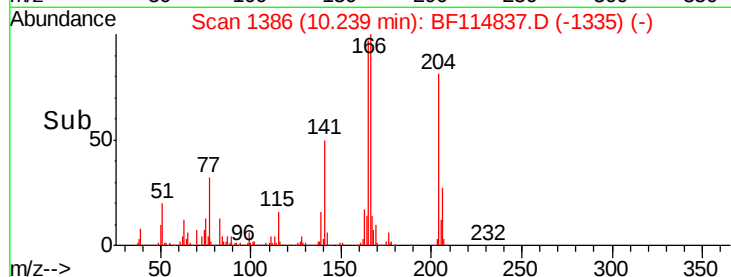
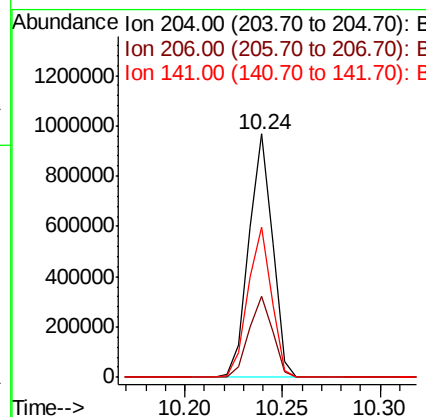
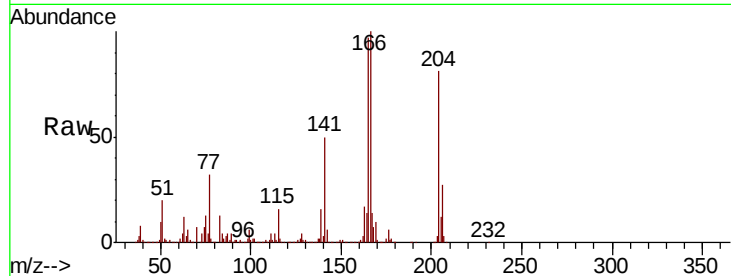
#61
4-Chlorophenyl-phenylether
Concen: 36.483 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	61.9	51.0	76.4

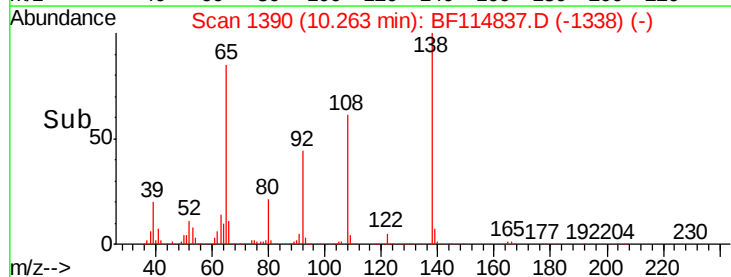
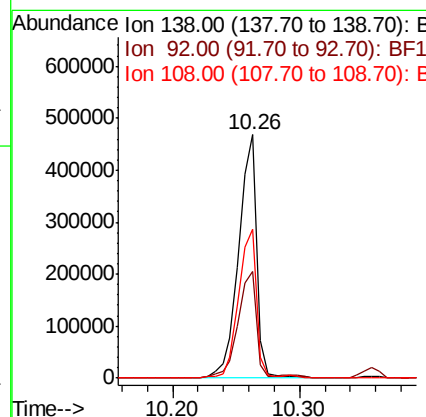
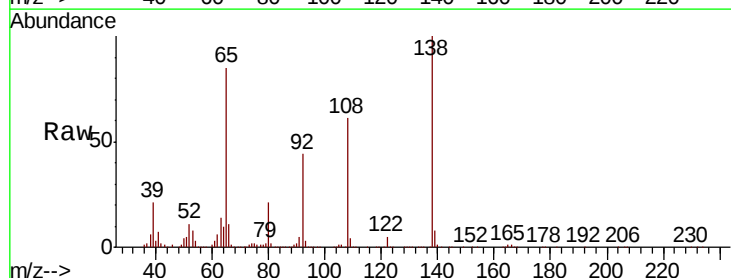
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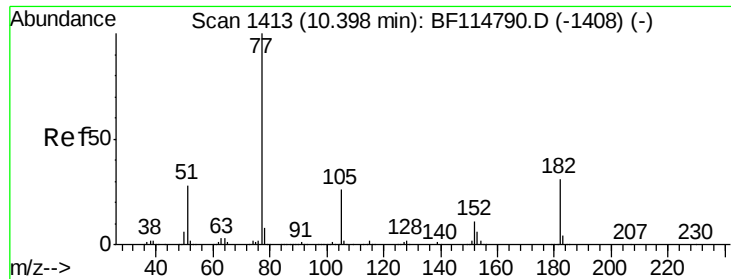
mohammad
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#62
4-Nitroaniline
Concen: 33.876 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	26.5	66.5
108	61.4	45.4	85.4





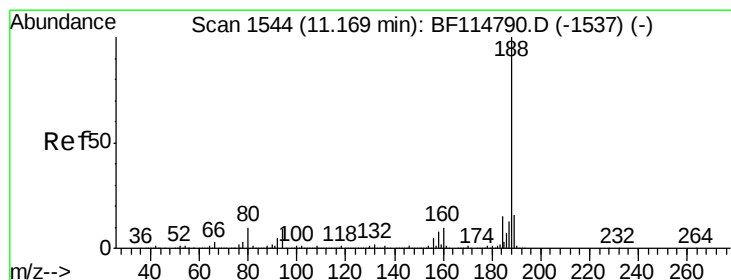
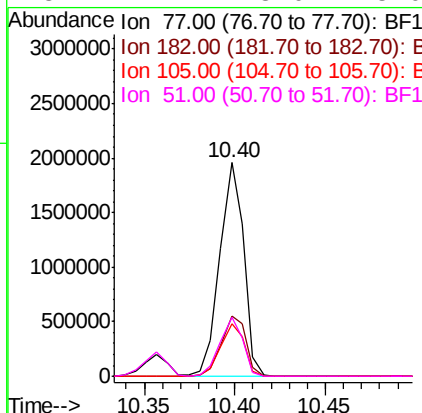
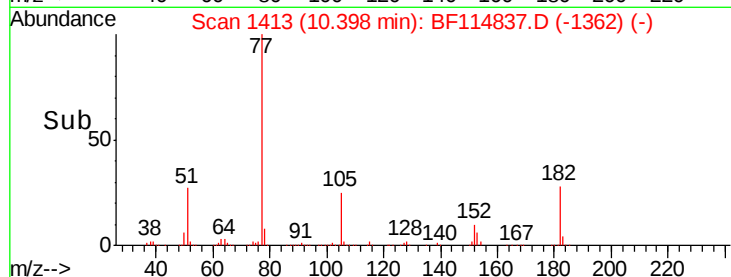
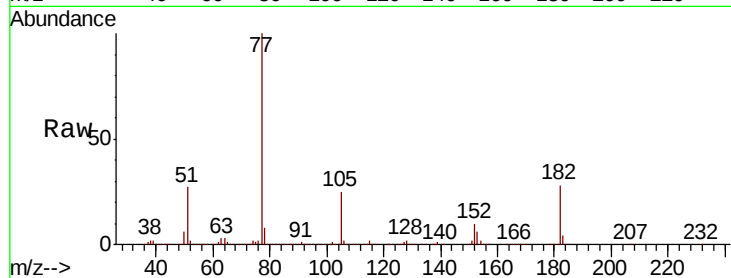
#63
Azobenzene
Concen: 41.212 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	11.2	51.2	
105	24.7	5.7	45.7	
51	27.4	8.0	48.0	

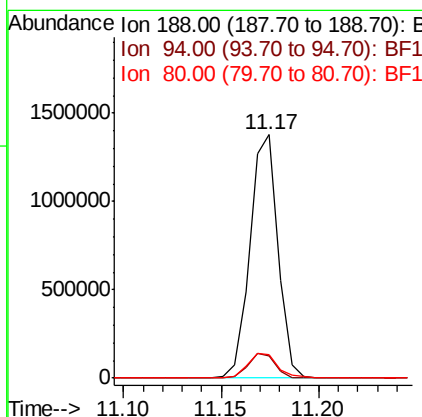
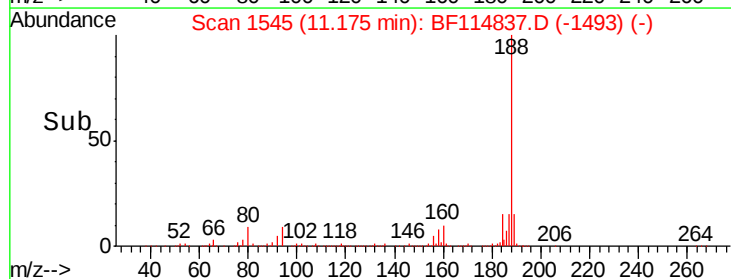
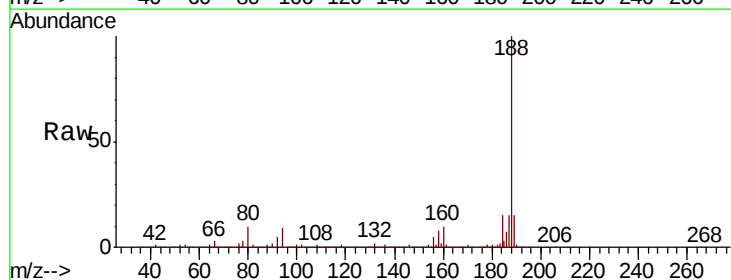
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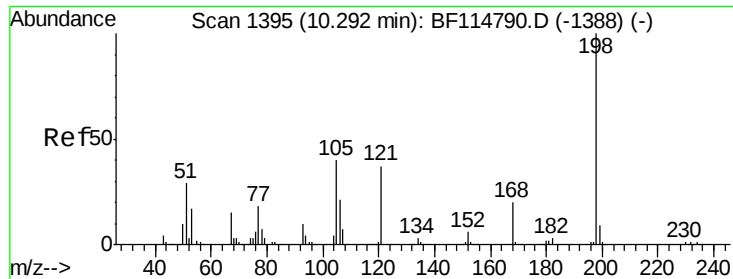
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.6	11.4	
80	9.5	8.3	12.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.578 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

ClientSampleId :

S-8CMSD

Tot Ion:198 Resp: 230658

Ion Ratio Lower Upper

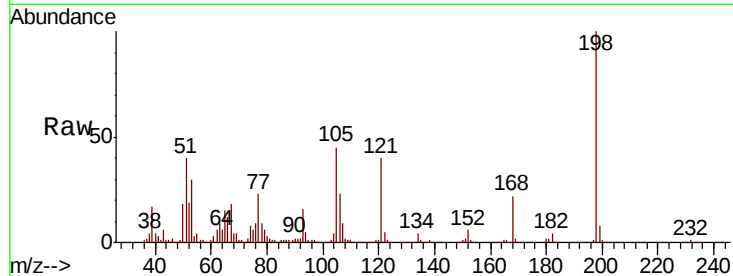
198 100

51 40.3 14.9 54.9

105 45.3 21.0 61.0

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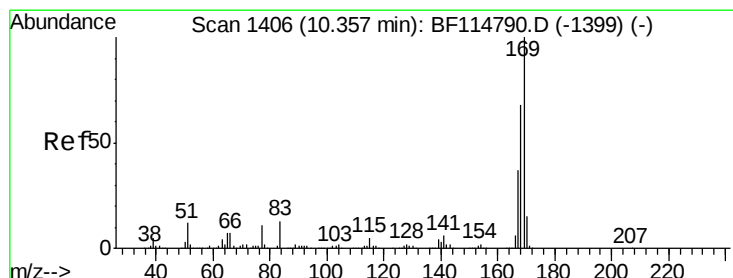
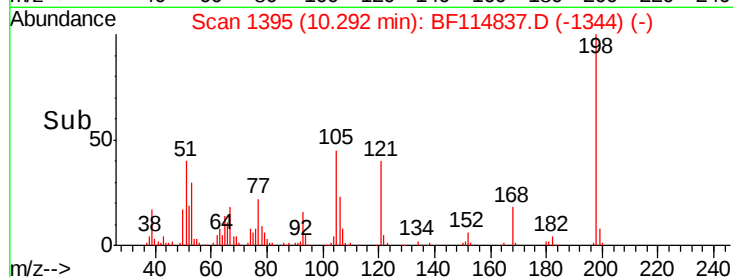
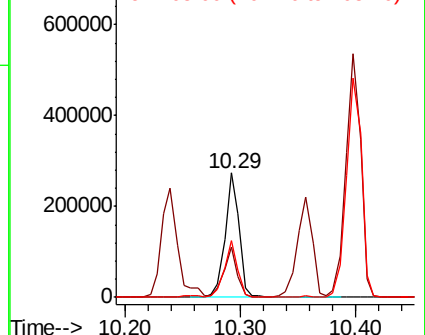
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.964 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

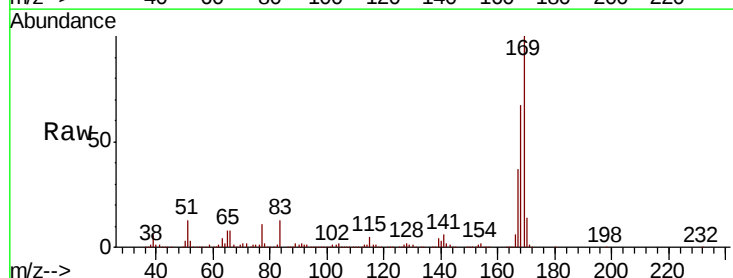
Tgt Ion:169 Resp: 1647098

Ion Ratio Lower Upper

169 100

168 67.0 54.3 81.5

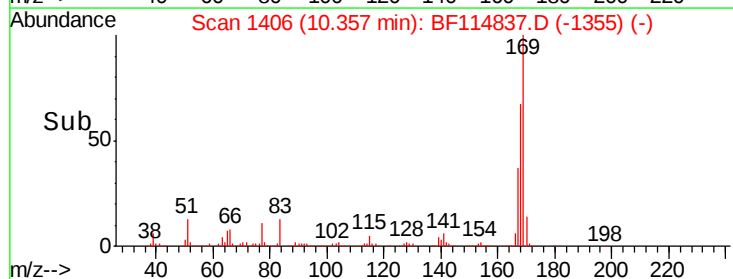
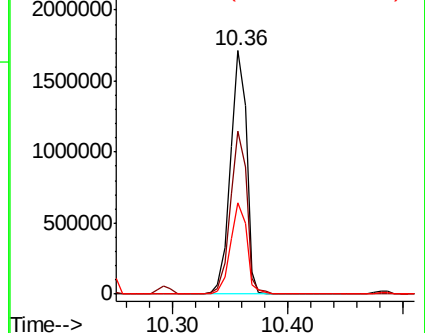
167 37.2 29.9 44.9

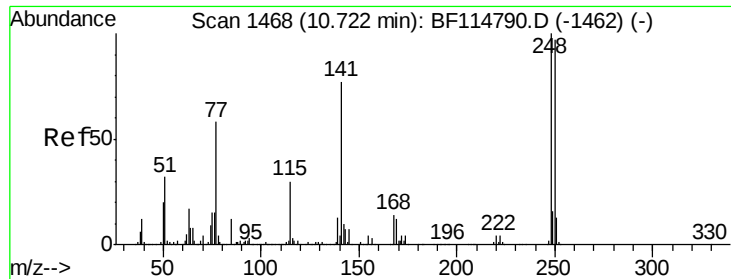


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.197 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

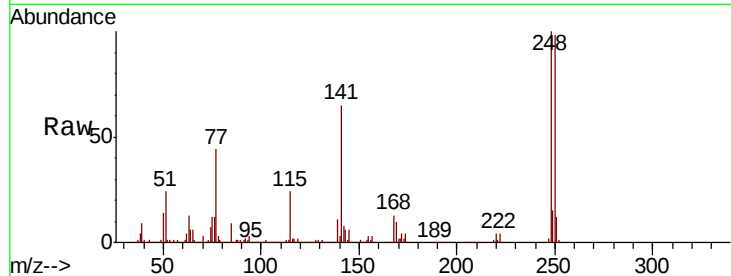
ClientSampleId :

S-8CMSD

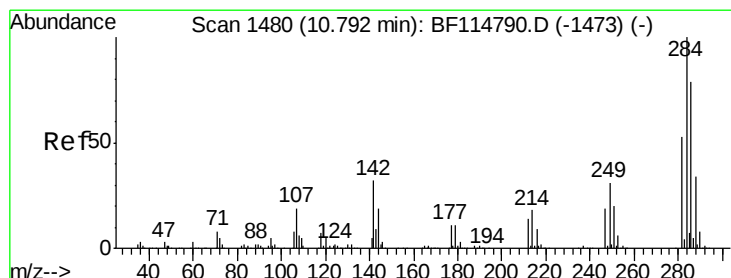
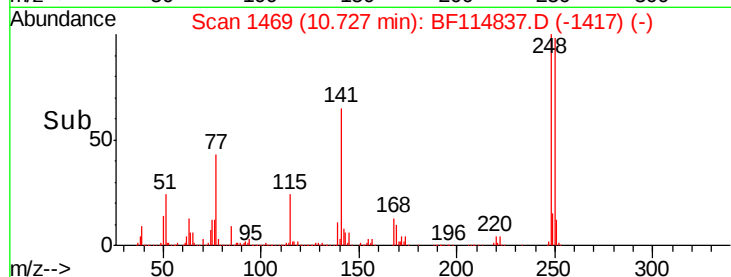
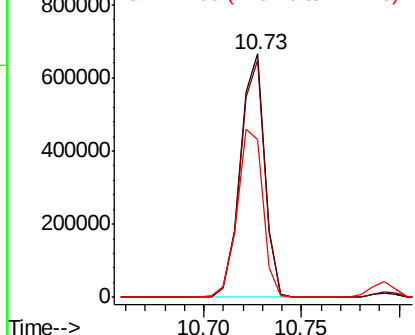
Tot Ion:	248	Resp:	575816
Ion Ratio	Lower	Upper	
248	100		
250	97.7	77.5	116.3
141	65.1	61.8	92.8

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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: 35.783 ng

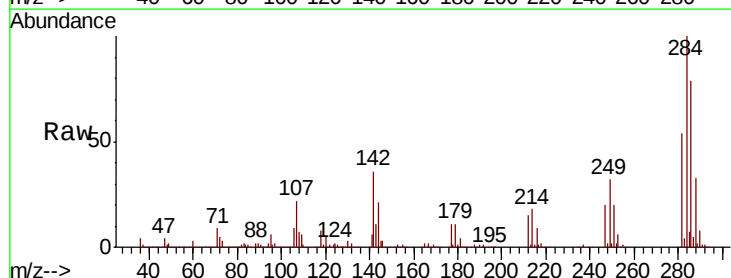
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

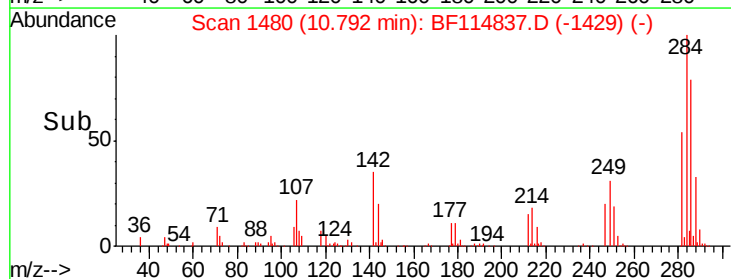
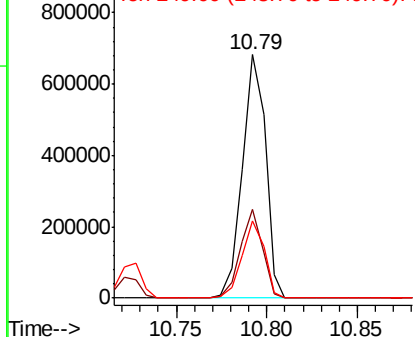
Lab File: BF114837.D

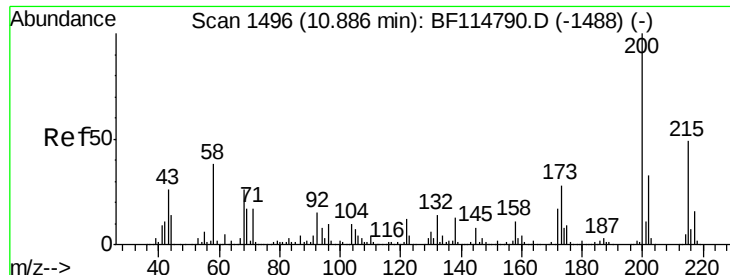
Acq: 5 Jun 2019 23:54

Tgt Ion:	284	Resp:	606236
Ion Ratio	Lower	Upper	
284	100		
142	36.2	25.3	37.9
249	31.6	24.9	37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





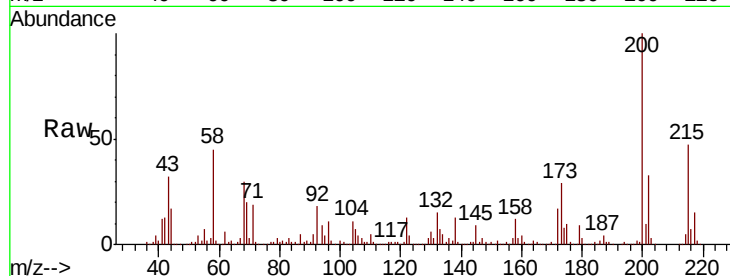
#69
Atrazine
Concen: 38.204 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	8.0	48.0
215	47.4	28.7	68.7

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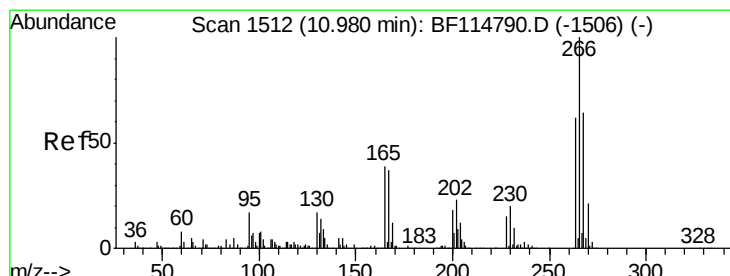
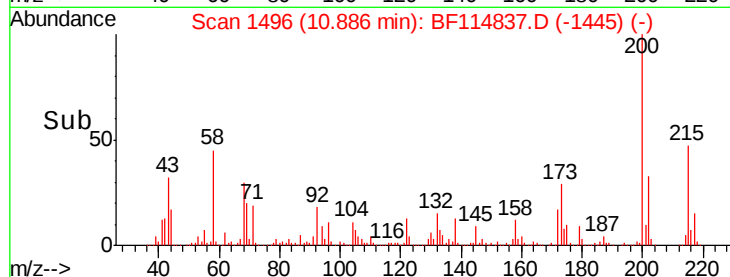
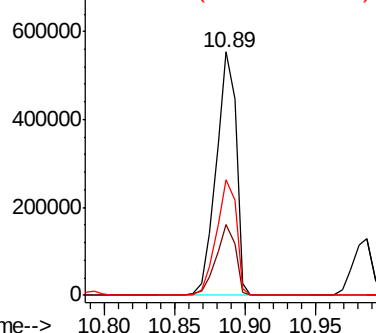


Abundance

Ion 200.00 (199.70 to 200.70): E

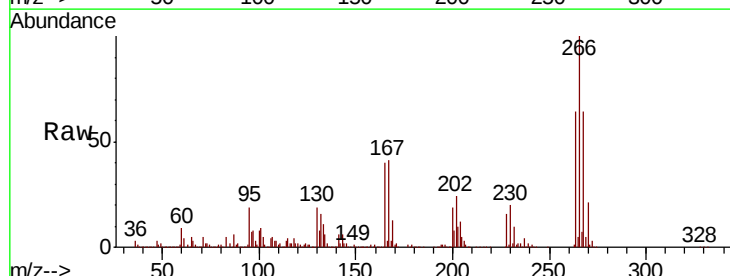
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.483 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	51.0	76.6
264	63.9	49.6	74.4

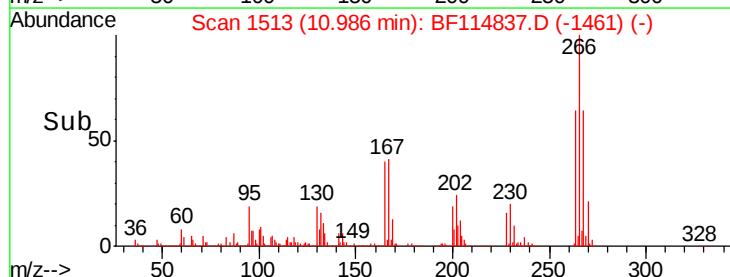
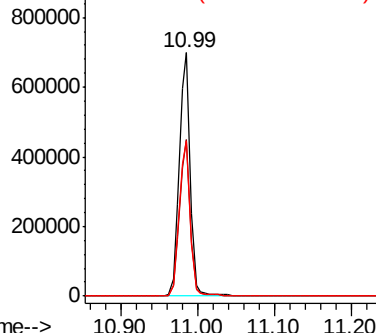


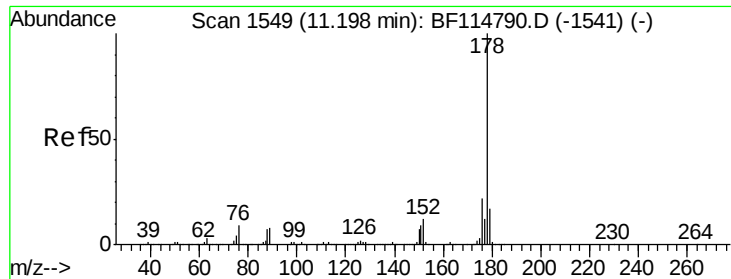
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





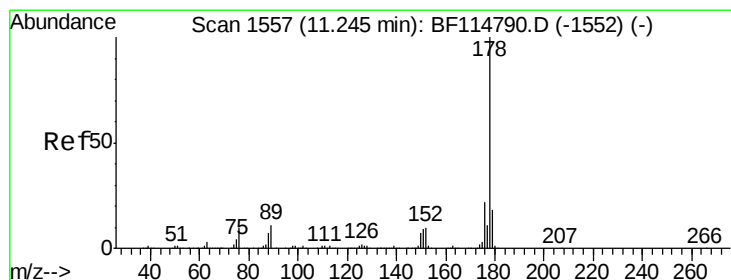
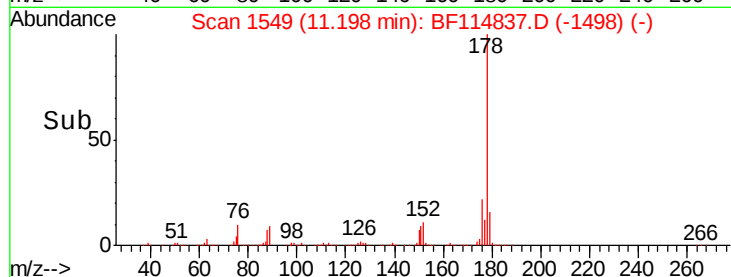
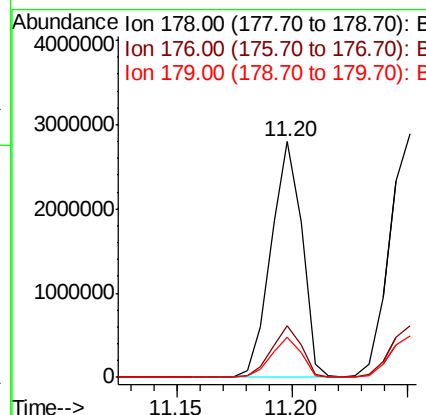
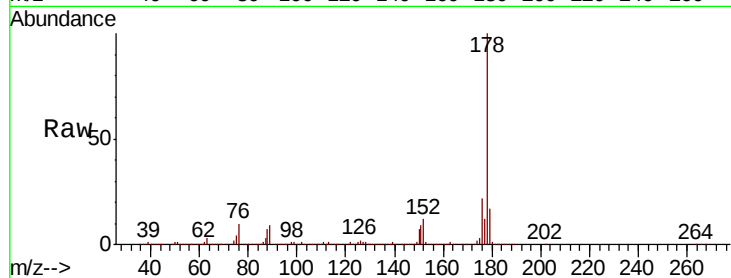
#71
Phenanthrene
Concen: 39.887 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.7	26.5
179	17.2	13.7	20.5

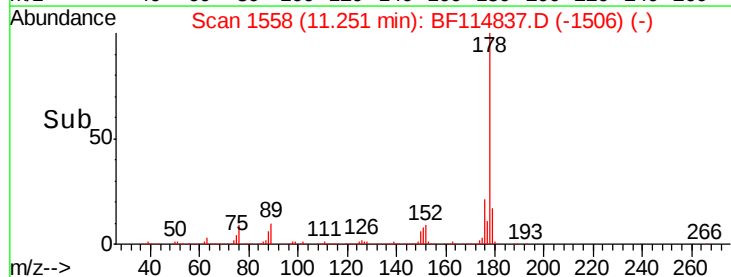
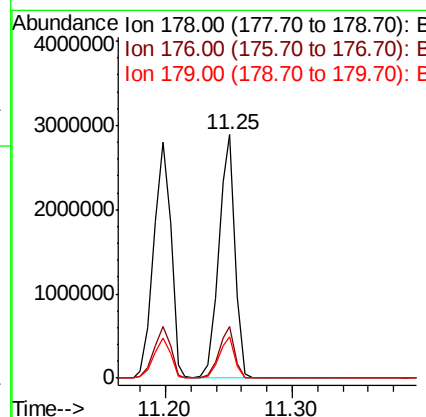
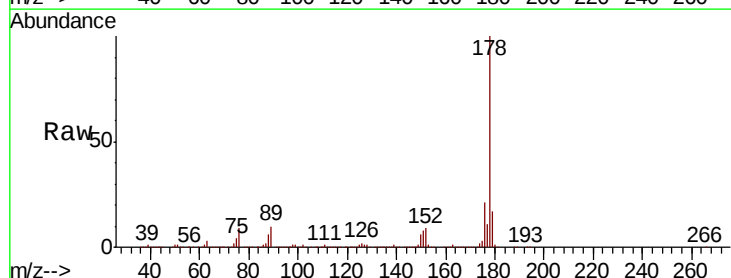
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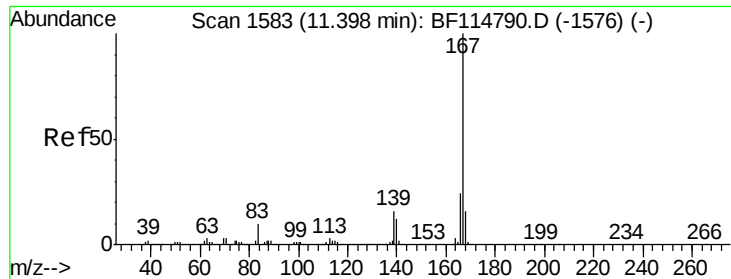
mohammad
6/6/2019 4:50:36 PM



#72
Anthracene
Concen: 37.967 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.4	26.0
179	17.0	14.2	21.4





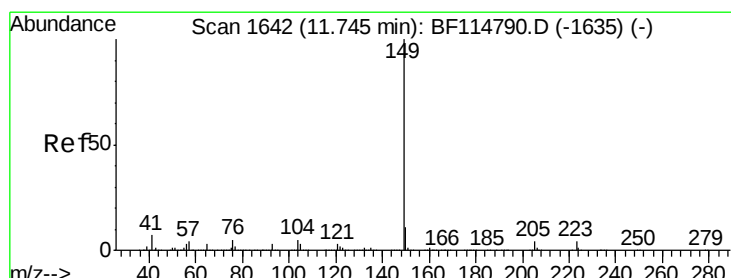
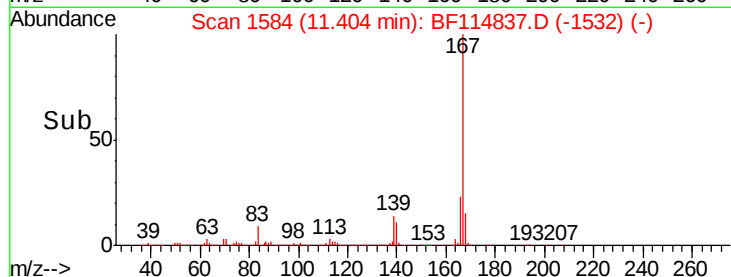
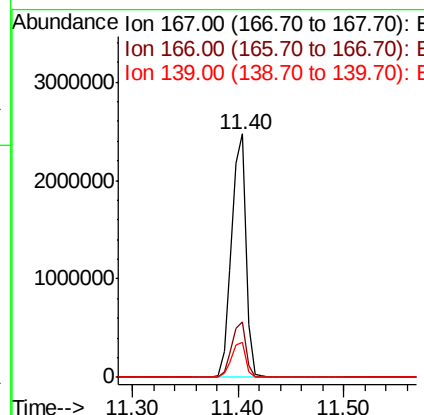
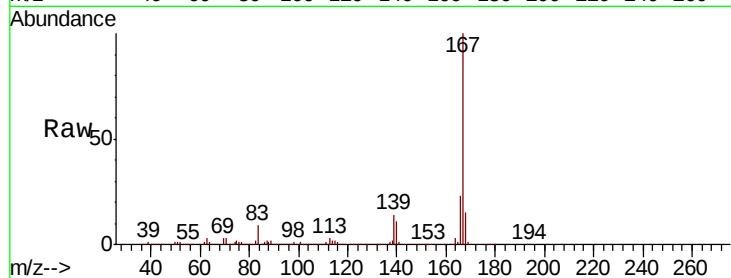
#73
 Carbazole
 Concen: 40.092 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.1	28.7
139	14.2	12.4	18.6

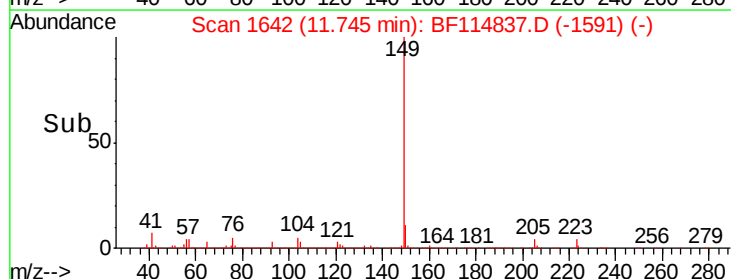
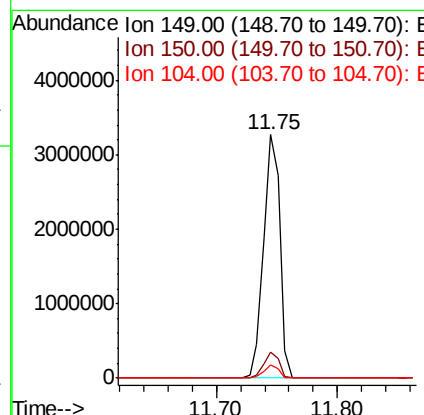
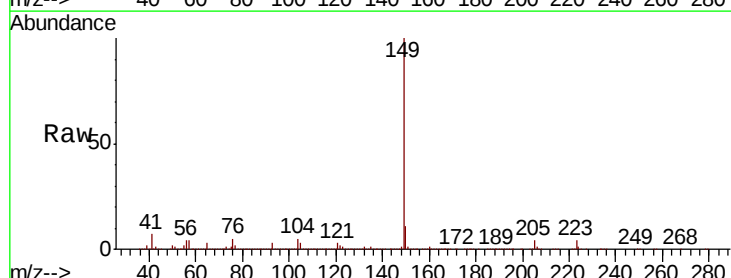
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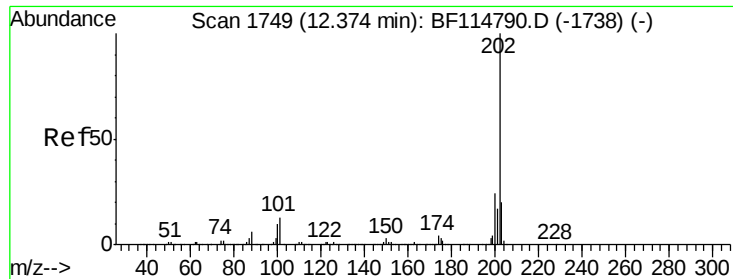
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.063 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.9	13.3
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 37.513 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

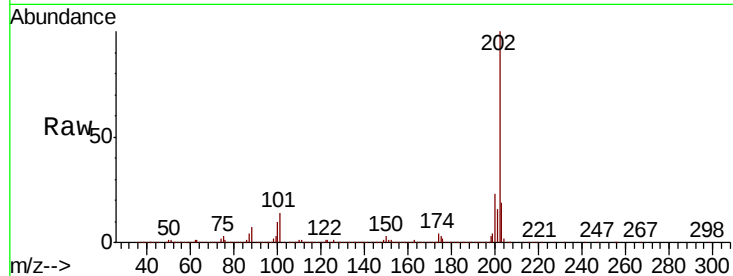
ClientSampleId :

S-8CMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	32.8
203	19.2	0.2	40.2

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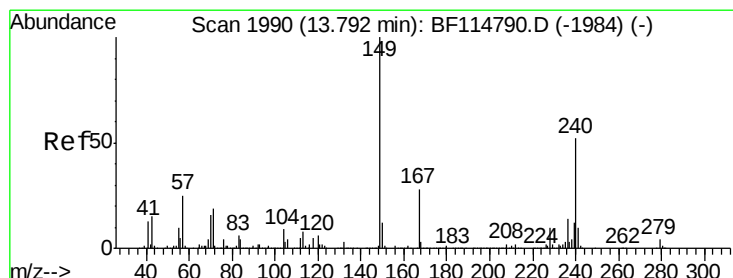
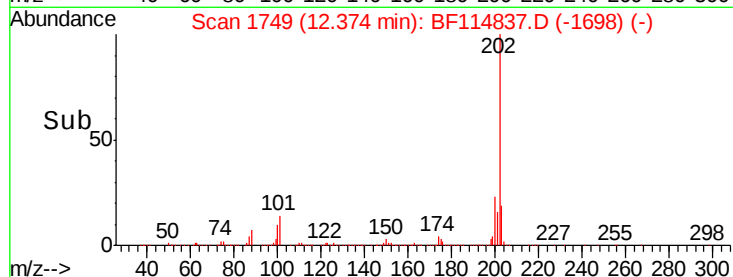
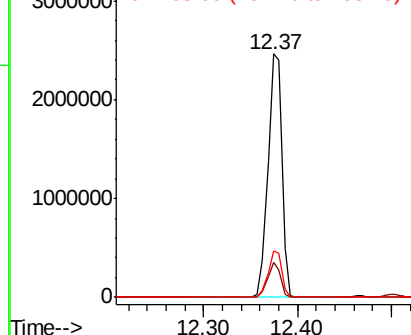


Abundance

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

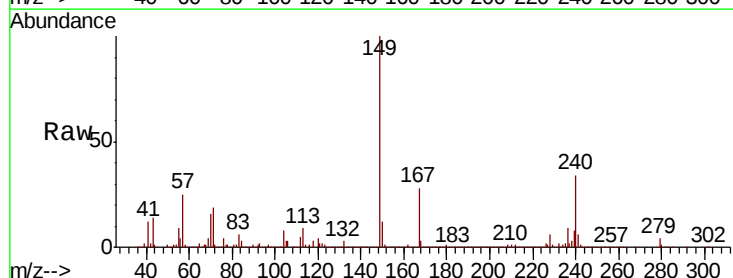
RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	26.9	21.4	32.0

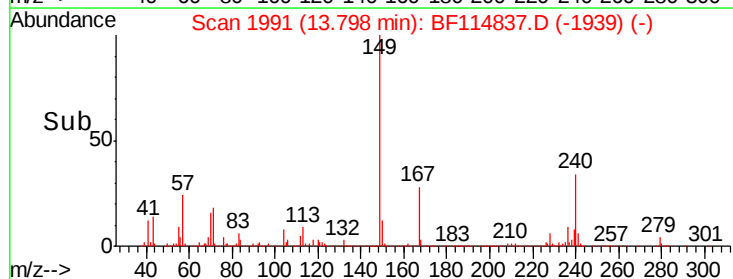
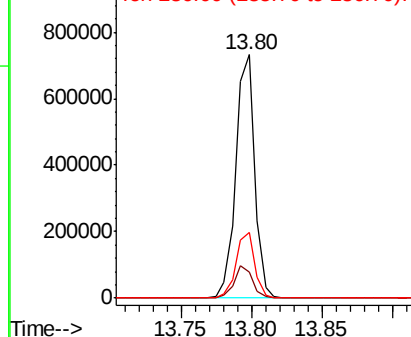


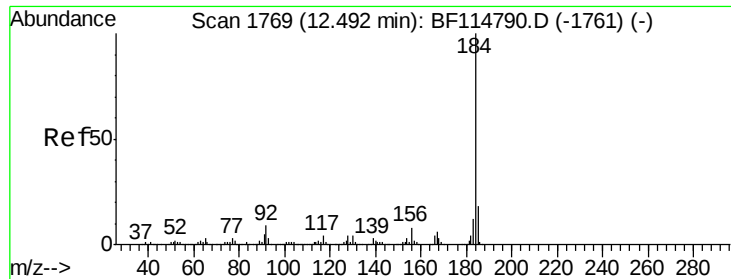
Abundance

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





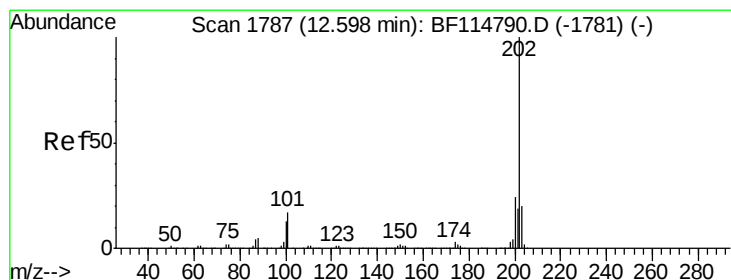
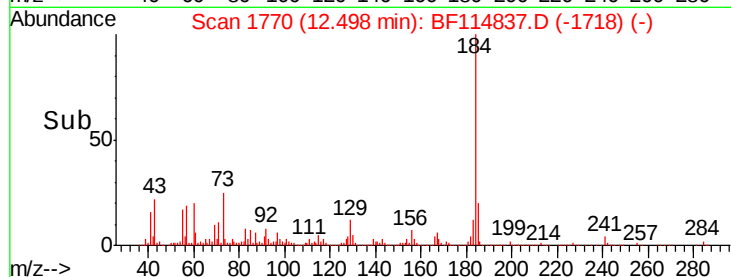
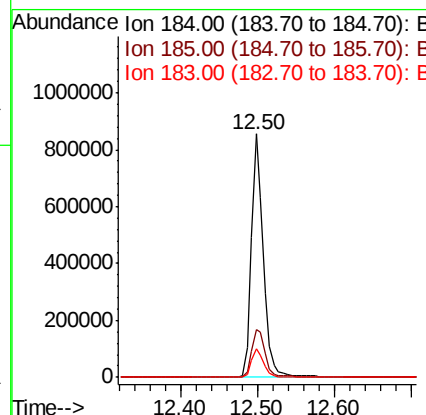
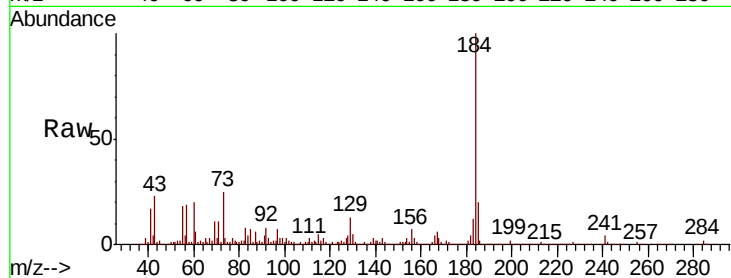
#77
Benzidine
Concen: 27.571 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	19.7	14.1	21.1
183	11.7	9.9	14.9

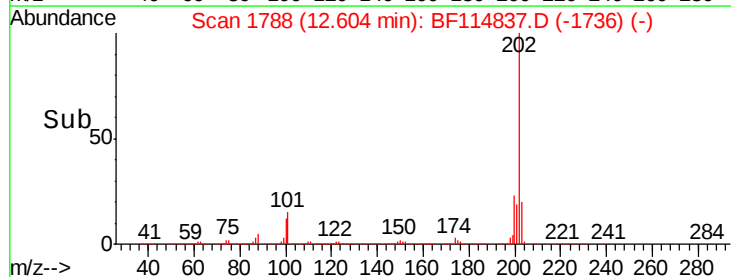
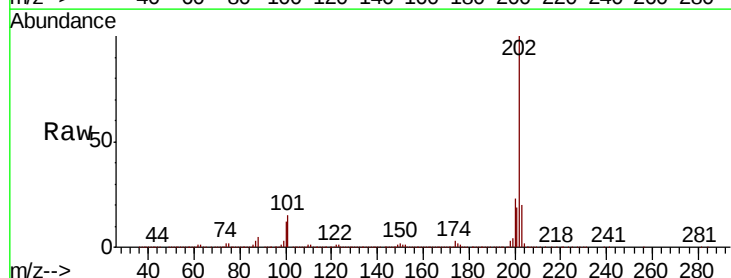
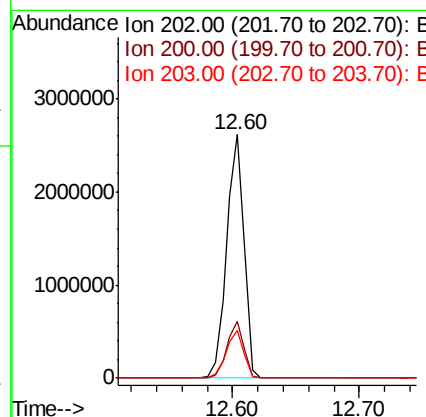
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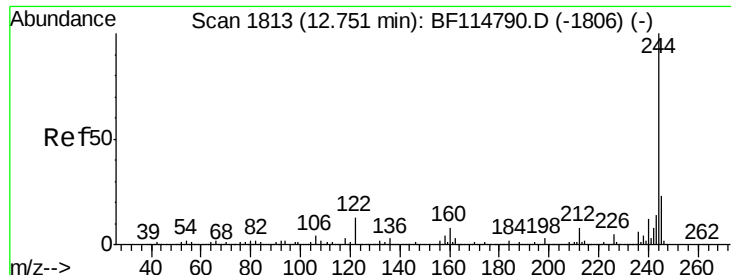
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#78
Pyrene
Concen: 42.064 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.4	19.2	28.8
203	19.6	15.9	23.9





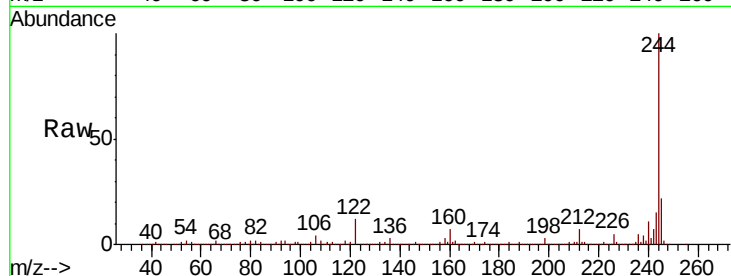
#79
 Terphenyl-d14
 Concen: 84.408 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMSD

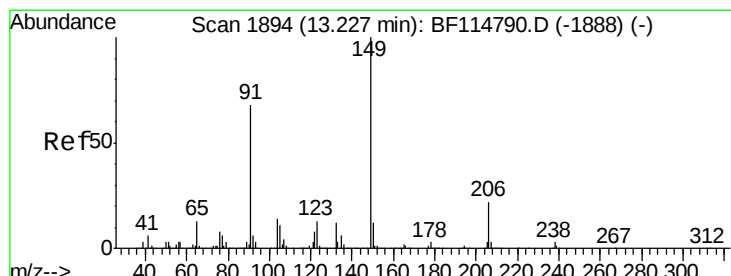
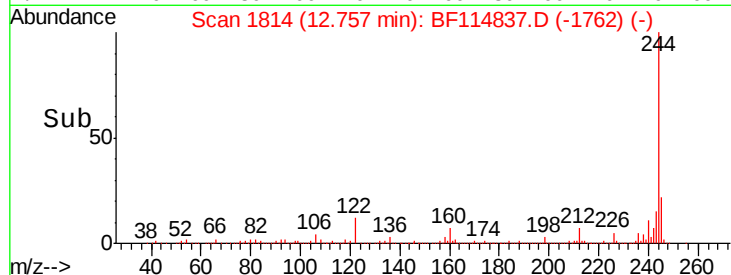
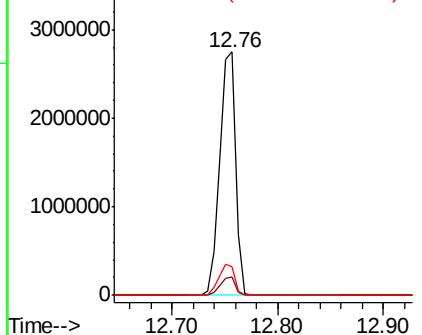
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.6	10.5	15.7

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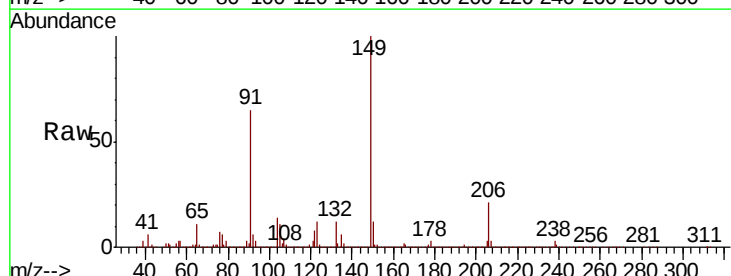


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

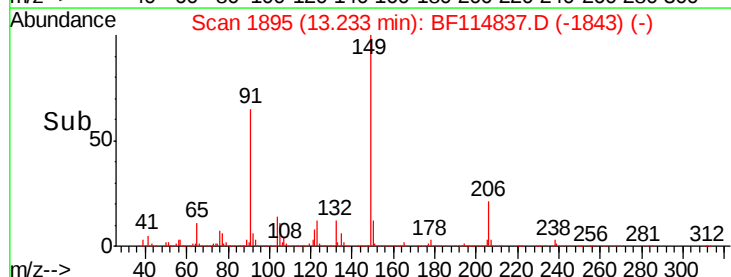
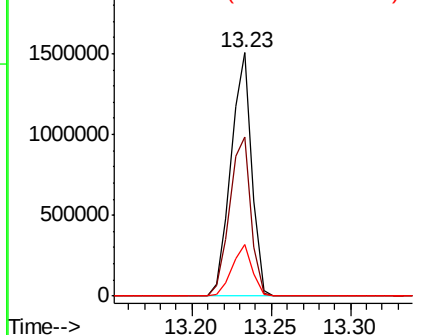


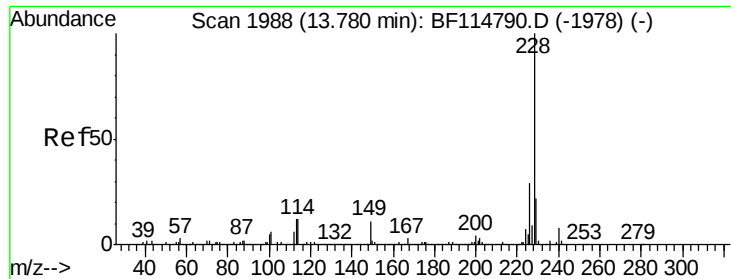
#80
 Butylbenzylphthalate
 Concen: 45.596 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BF114837.D
 Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	54.6	82.0
206	21.1	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





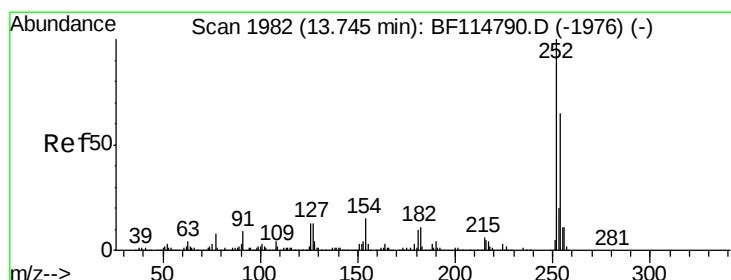
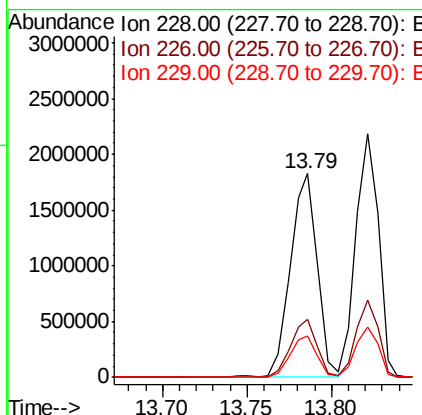
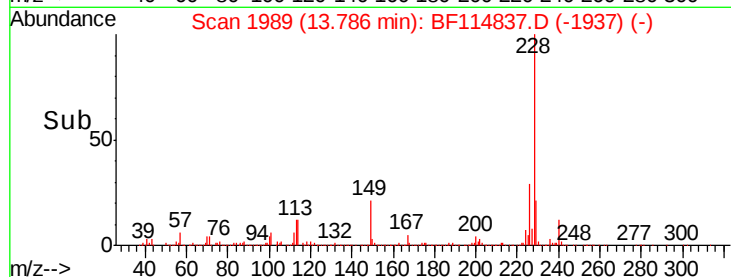
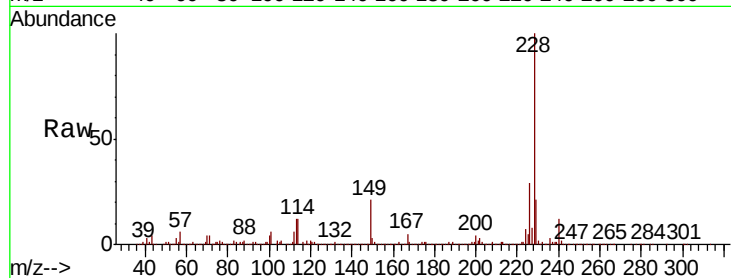
#81
Benzo(a)anthracene
Concen: 38.268 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.6	17.4	26.0

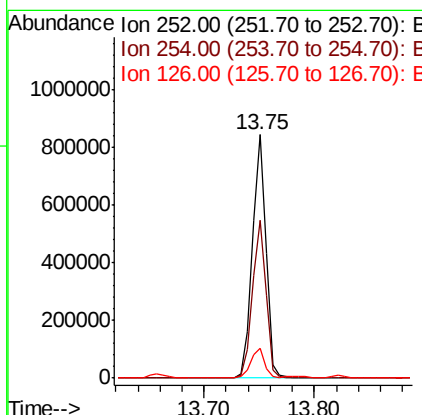
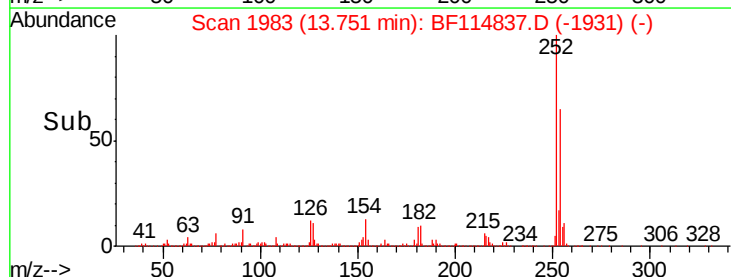
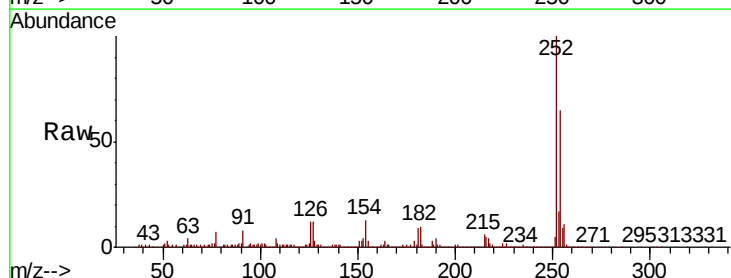
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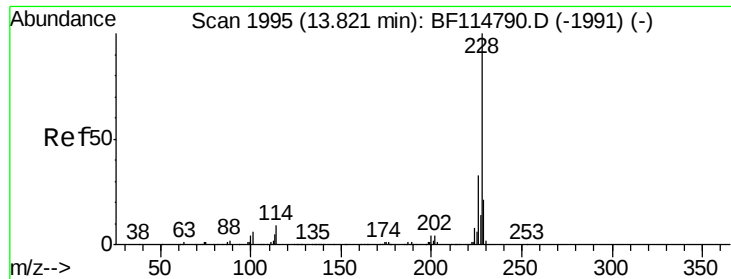
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.451 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	12.1	10.5	15.7





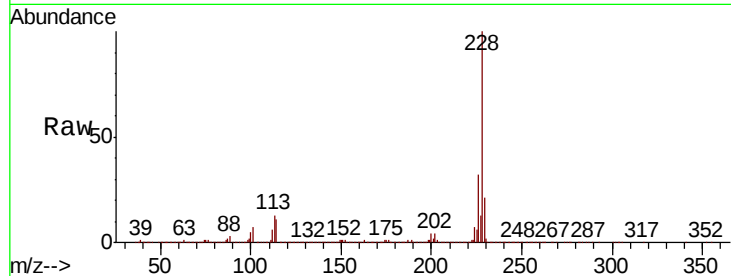
#83
Chrysene
Concen: 39.793 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.0	39.0
229	20.9	17.1	25.7

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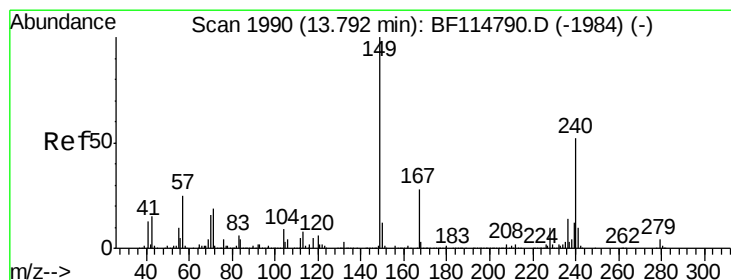
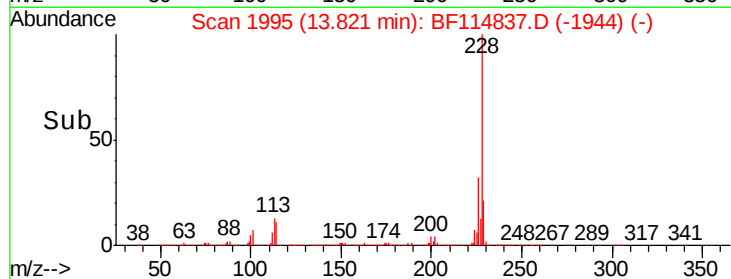
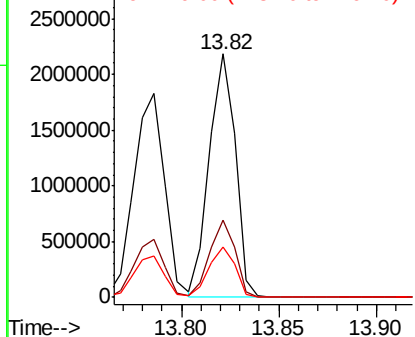


Abundance

Ion 228.00 (227.70 to 228.70): E

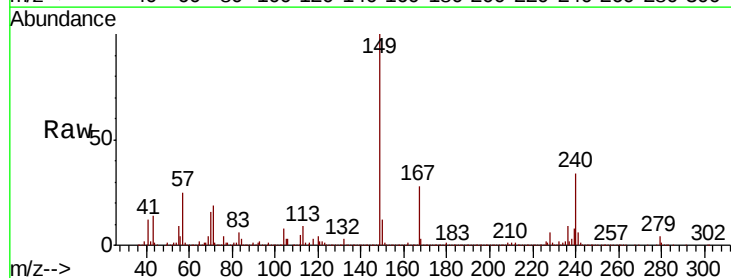
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.983 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	4.2	3.1	4.7

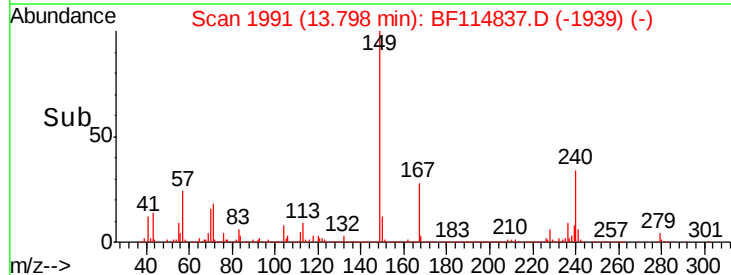
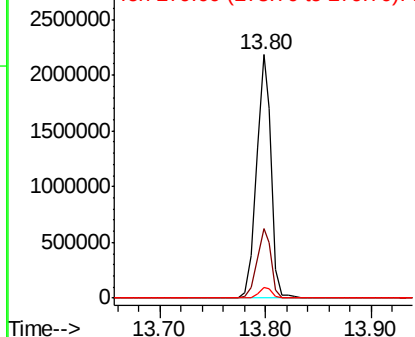


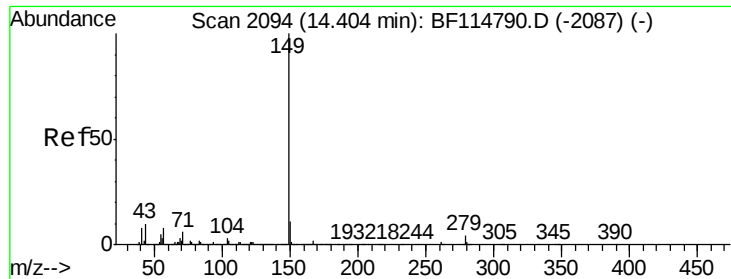
Abundance

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: 45.134 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

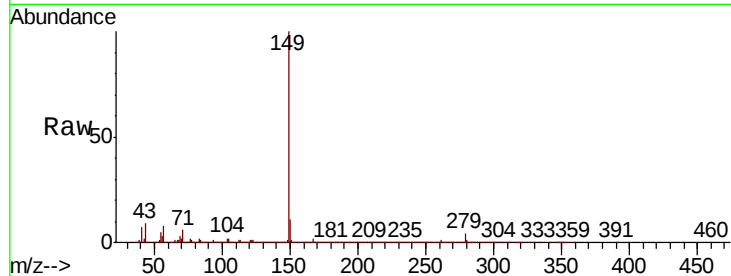
ClientSampleId :

S-8CMSD

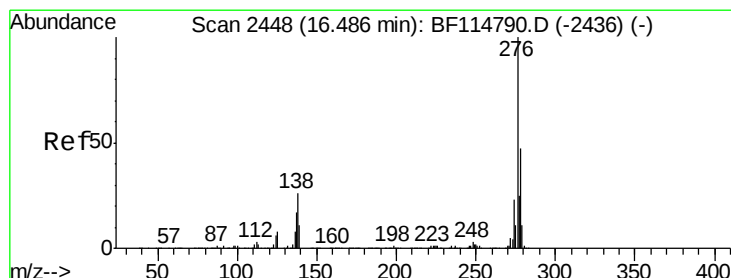
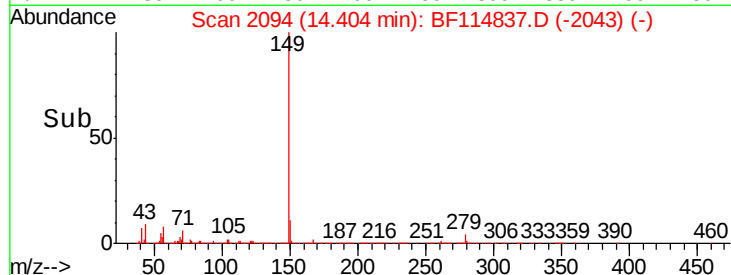
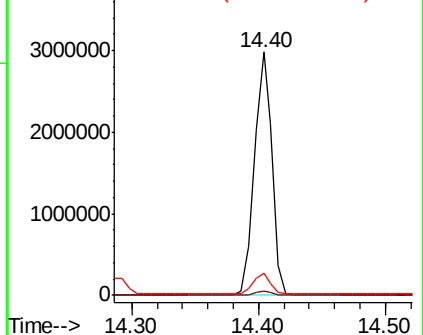
Tot Ion:	149	Resp:	2894919
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.3	7.0	10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.652 ng

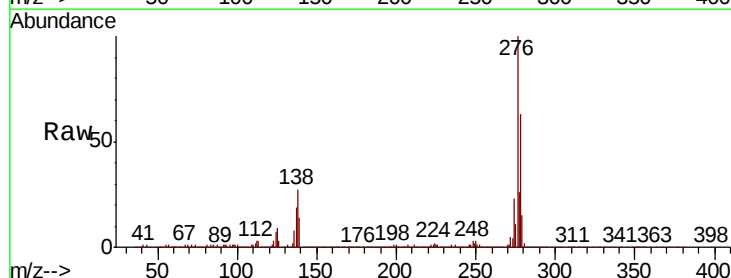
RT: 16.49 min Scan# 2449

Delta R.T. 0.01 min

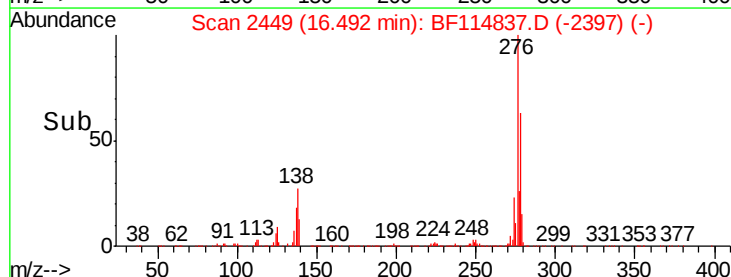
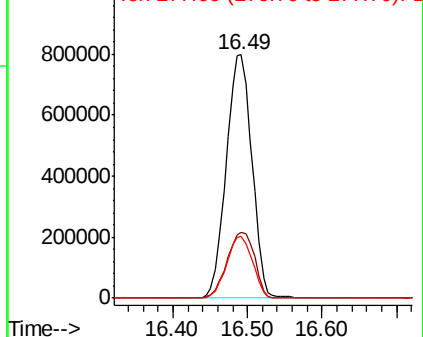
Lab File: BF114837.D

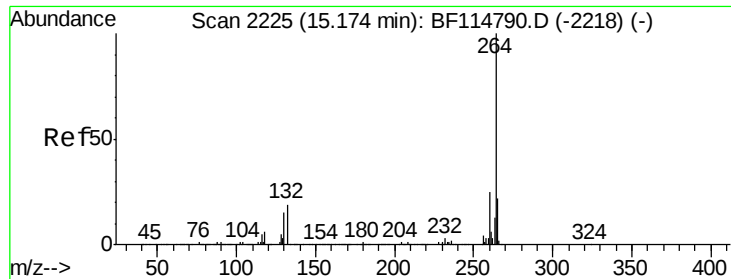
Acq: 5 Jun 2019 23:54

Tgt Ion:	276	Resp:	1903141
Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.2	33.4
277	25.7	20.6	30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

Instrument :

BNA_F

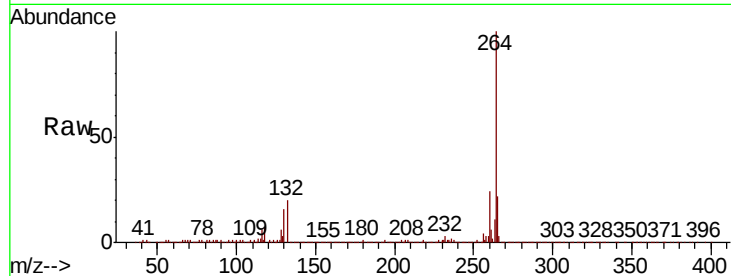
ClientSampleId :

S-8CMSD

Tot Ion:	264	Resp:	953896
Ion Ratio		Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.4	17.7	26.5

Manual Integrations
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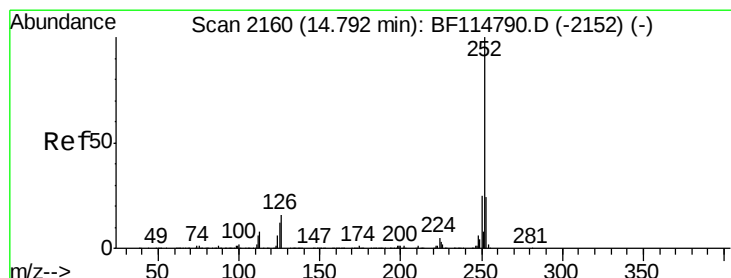
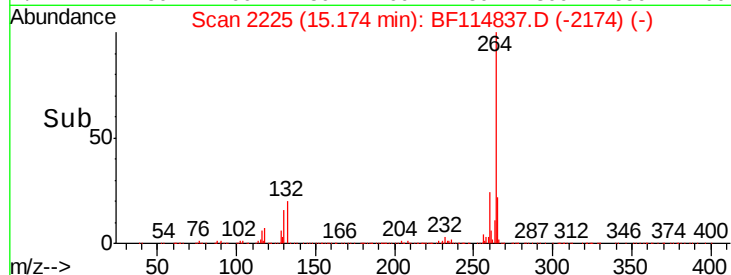
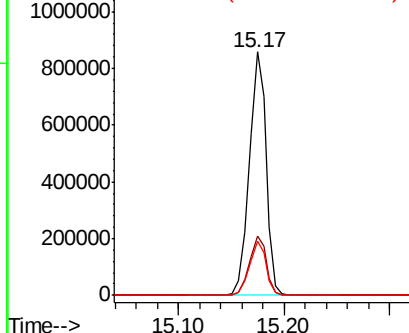


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.626 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114837.D

Acq: 5 Jun 2019 23:54

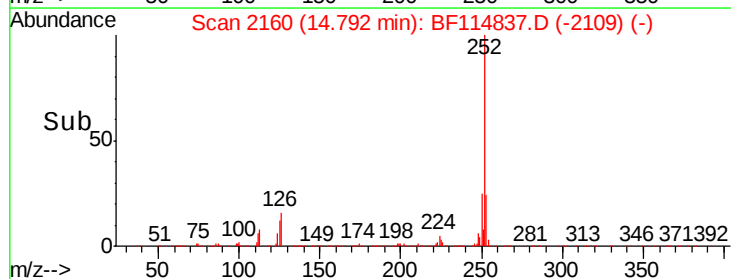
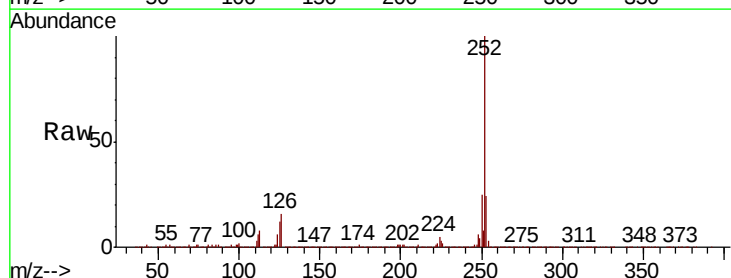
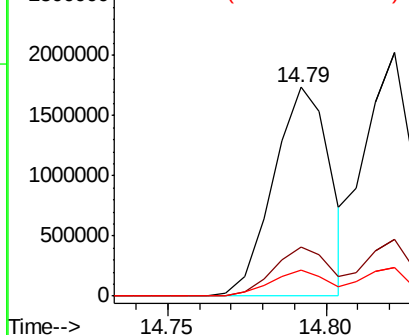
Tgt Ion:	252	Resp:	2163466
Ion Ratio		Lower	Upper
252	100		
253	23.6	19.0	28.6
125	12.2	9.4	14.0

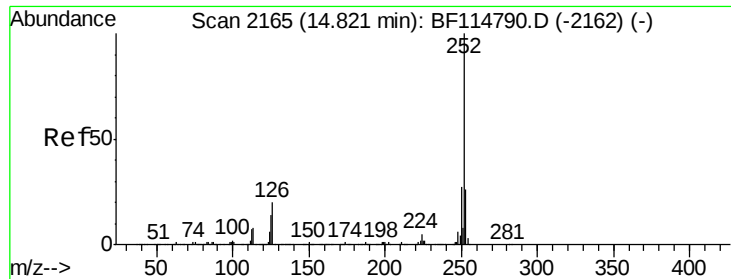
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





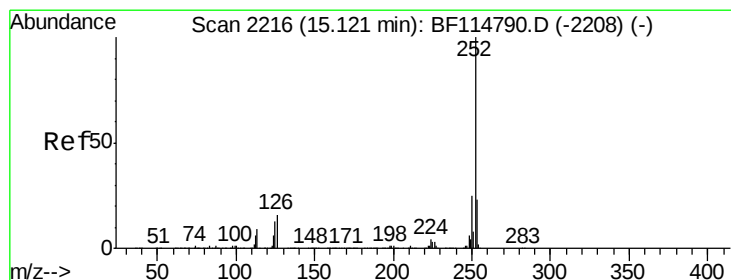
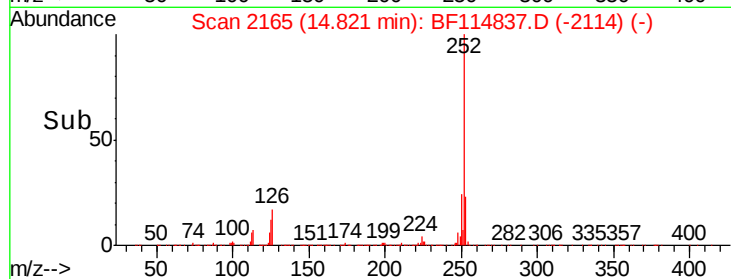
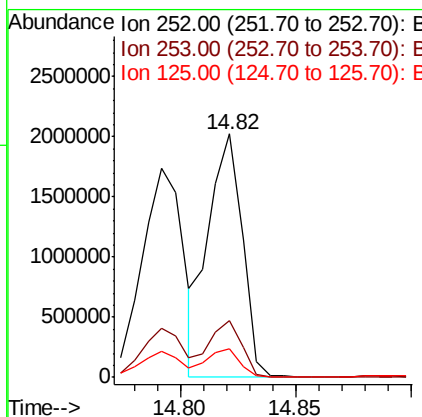
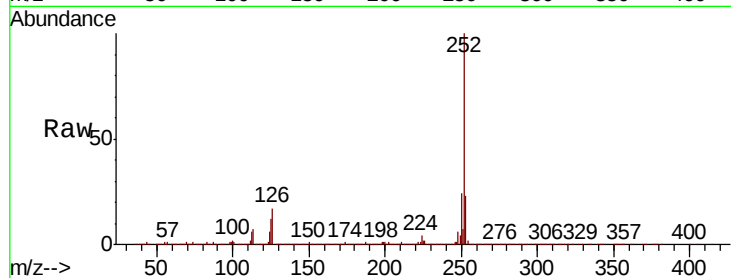
#89
Benzo(k)fluoranthene
Concen: 39.839 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion:252 Resp: 2054520
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 11.9 10.1 15.1

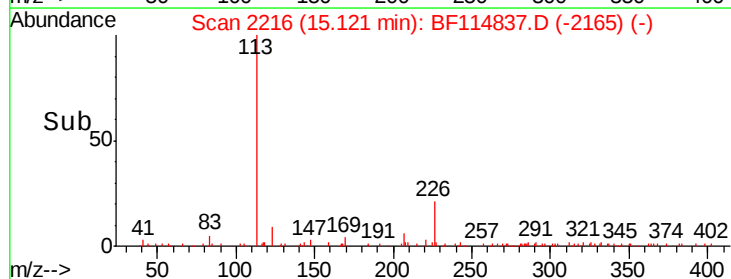
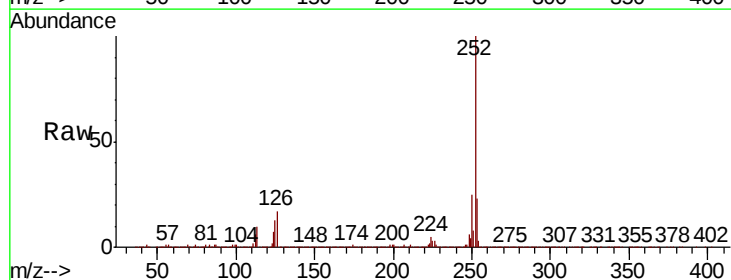
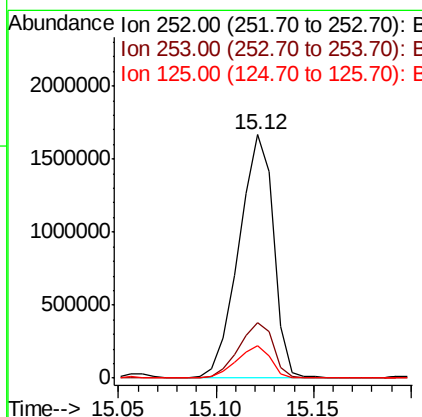
Manual Integrations
APPROVED

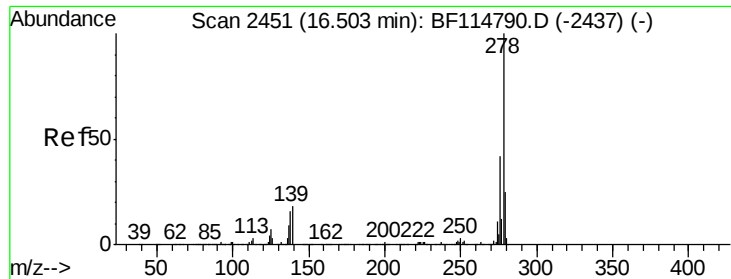
mohammad
6/6/2019 4:50:36 PM



#90
Benzo(a)pyrene
Concen: 38.927 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt Ion:252 Resp: 2046052
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.4 10.1 15.1





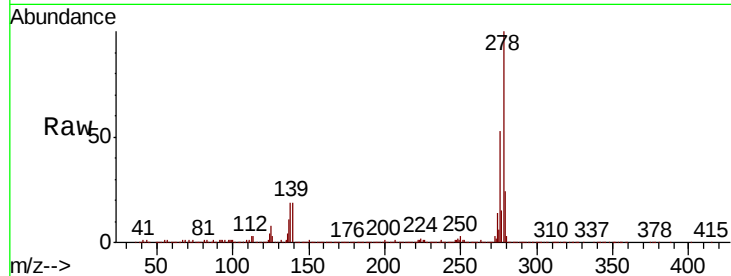
#91
Dibenzo(a,h)anthracene
Concen: 32.915 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Instrument :
BNA_F
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.6	22.0
279	24.2	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:36 PM

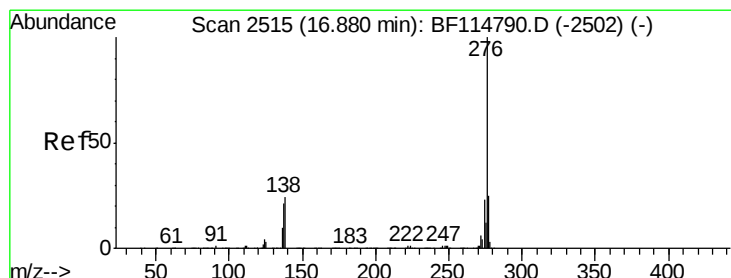
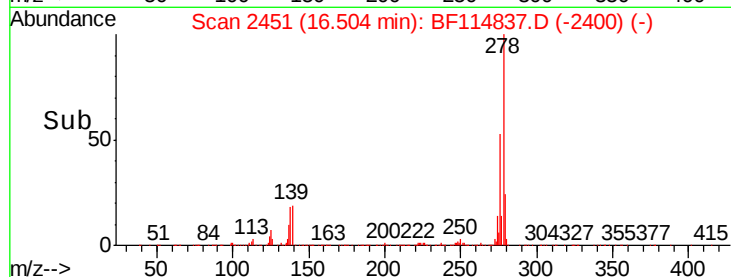
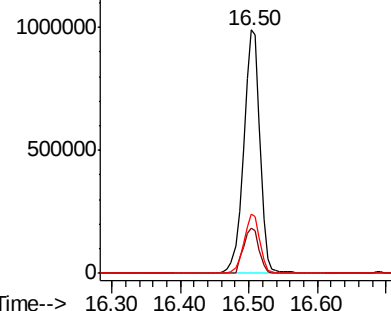


Abundance

Ion 278.00 (277.70 to 278.70): E

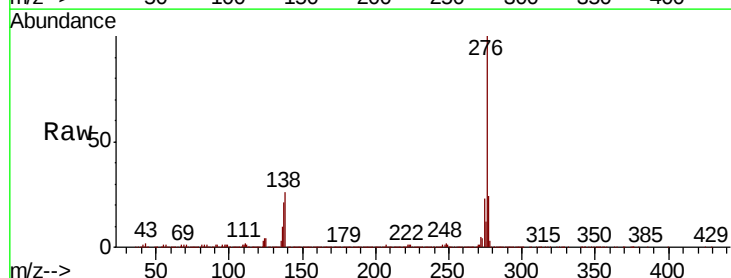
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 29.444 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF114837.D
Acq: 5 Jun 2019 23:54

Tgt 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

