

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114710.D
 Acq On : 31 May 2019 16:05
 Operator : HP/JU
 Sample : K3072-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Quant Time: Jun 01 00:23:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	341950	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1306448	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	650071	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1308144	20.00	ng	0.00
76) Chrysene-d12	13.82	240	819653	20.00	ng	0.00
87) Perylene-d12	15.21	264	957230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2373624	121.87	ng	0.02
7) Phenol-d6	6.34	99	3009050	128.21	ng	0.01
23) Nitrobenzene-d5	7.26	82	1868873	89.25	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	867441	140.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2980965	86.40	ng	0.00
79) Terphenyl-d14	12.78	244	3511068	80.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	361805	38.710	ng	98
3) Pyridine	3.09	79	682911	25.106	ng	97
4) n-Nitrosodimethylamine	3.02	42	439679	39.943	ng	93
6) Aniline	6.36	93	607008	17.122	ng	# 59
8) 2-Chlorophenol	6.49	128	1024095	45.530	ng	97
9) Benzaldehyde	6.24	77	438264	30.981	ng	95
10) Phenol	6.35	94	1188227	41.910	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	929295	42.851	ng	96
12) 1,3-Dichlorobenzene	6.64	146	1078016	42.067	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1095234	42.603	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1033380	44.152	ng	99
15) Benzyl Alcohol	6.84	79	840509	45.528	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1309287	39.362	ng	99
17) 2-Methylphenol	6.96	107	851264	44.747	ng	99
18) Hexachloroethane	7.21	117	391286	40.200	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	658499	40.648	ng	97
20) 3+4-Methylphenols	7.11	107	975756	43.610	ng	92
22) Acetophenone	7.10	105	1328928	47.741	ng	# 98
24) Nitrobenzene	7.28	77	1039342	46.724	ng	91
25) Isophorone	7.52	82	1883687	44.823	ng	98
26) 2-Nitrophenol	7.59	139	565364	52.215	ng	100
27) 2,4-Dimethylphenol	7.64	122	923128	51.263	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1174690	43.911	ng	100
29) 2,4-Dichlorophenol	7.84	162	891798	48.654	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	948229	45.408	ng	99
31) Naphthalene	8.00	128	2742094	45.567	ng	100
32) Benzoic acid	7.75	122	315874	27.006	ng	95
33) 4-Chloroaniline	8.04	127	253540	8.843	ng	98
34) Hexachlorobutadiene	8.13	225	501809	43.257	ng	99
35) Caprolactam	8.42	113	183376	29.646	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	926282	50.392	ng	98
37) 2-Methylnaphthalene	8.69	142	1899360	47.504	ng	100
38) 1-Methylnaphthalene	8.79	142	1808214	47.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	799995	46.211	ng	99

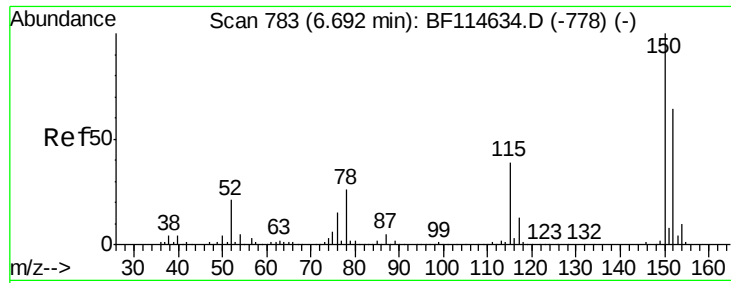
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114710.D
 Acq On : 31 May 2019 16:05
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 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	968173	84.630	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	640649	47.032	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	694939	51.125	ng	98
46) 1,1'-Biphenyl	9.15	154	2199548	45.581	ng	100
47) 2-Chloronaphthalene	9.17	162	1799438	45.459	ng	99
48) 2-Nitroaniline	9.27	65	566584	46.383	ng	90
49) Acenaphthylene	9.59	152	2777473	45.419	ng	99
50) Dimethylphthalate	9.46	163	2610469	57.629	ng	99
51) 2,6-Dinitrotoluene	9.51	165	526421	50.014	ng	97
52) Acenaphthene	9.76	154	1838653	49.027	ng	99
53) 3-Nitroaniline	9.67	138	278243	21.599	ng	96
54) 2,4-Dinitrophenol	9.78	184	368592	88.780	ng	93
55) Dibenzofuran	9.93	168	2412823	45.198	ng	99
56) 4-Nitrophenol	9.85	139	957857	100.337	ng	98
57) 2,4-Dinitrotoluene	9.91	165	713361	52.808	ng	95
58) Fluorene	10.27	166	1726890	50.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	554482	49.836	ng	99
60) Diethylphthalate	10.16	149	2113002	45.672	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	850242	48.839	ng	99
62) 4-Nitroaniline	10.29	138	578052	46.049	ng	97
63) Azobenzene	10.43	77	1896285	44.643	ng	94
65) 4,6-Dinitro-2-methylphenol	10.32	198	261879	45.148	ng	89
66) n-Nitrosodiphenylamine	10.39	169	1764116	45.644	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	612049	43.630	ng	96
68) Hexachlorobenzene	10.82	284	668483	43.996	ng	93
69) Atrazine	10.92	200	611236	53.765	ng	98
70) Pentachlorophenol	11.01	266	703327	80.301	ng	97
71) Phenanthrene	11.23	178	2815032	42.185	ng	99
72) Anthracene	11.27	178	2914287	43.150	ng	99
73) Carbazole	11.43	167	2759721	46.494	ng	99
74) Di-n-butylphthalate	11.77	149	3099812	42.712	ng	99
75) Fluoranthene	12.40	202	2981921	43.155	ng	99
77) Benzidine	12.52	184	348718	10.332	ng	# 92
78) Pyrene	12.63	202	3003680	43.320	ng	99
80) Butylbenzylphthalate	13.26	149	1535124	44.055	ng	99
81) Benzo(a)anthracene	13.81	228	2652139	42.106	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	552246	22.703	ng	98
83) Chrysene	13.85	228	2654512	44.110	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1866145	43.319	ng	100
85) Di-n-octyl phthalate	14.43	149	3356800	44.848	ng	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	2606619	43.247	ng	99
88) Benzo(b)fluoranthene	14.82	252	2675563	44.378	ng	99
89) Benzo(k)fluoranthene	14.85	252	2402316	45.843	ng	99
90) Benzo(a)pyrene	15.16	252	2418558	45.664	ng	100
91) Dibenzo(a,h)anthracene	16.56	278	2137272	45.666	ng	99
92) Benzo(g,h,i)perylene	16.94	276	2239992	49.312	ng	98

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

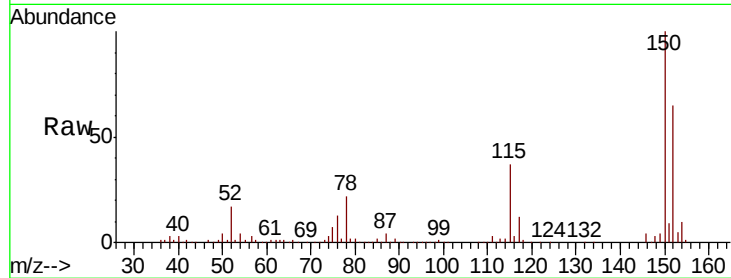


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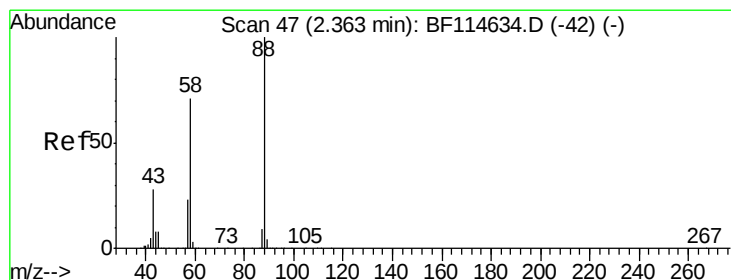
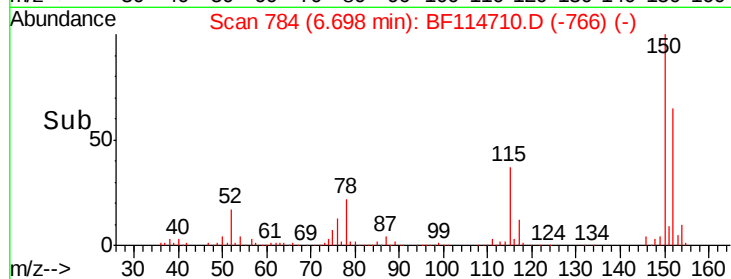
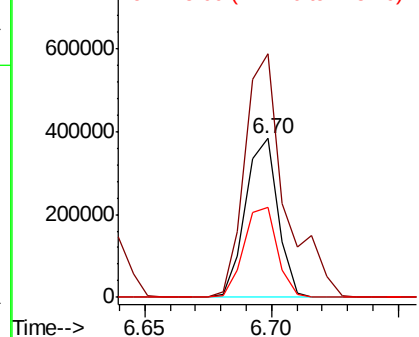
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion: 152 Resp: 341950
Ion Ratio Lower Upper
152 100
150 153.1 124.4 186.6
115 56.3 48.7 73.1



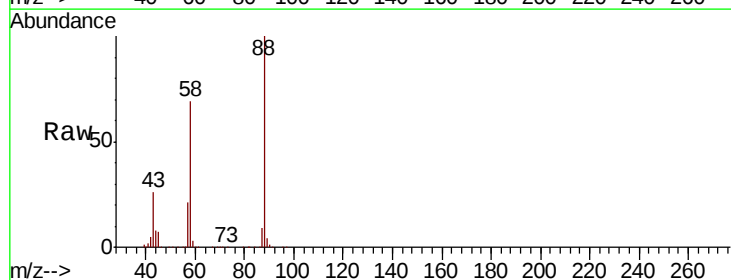
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



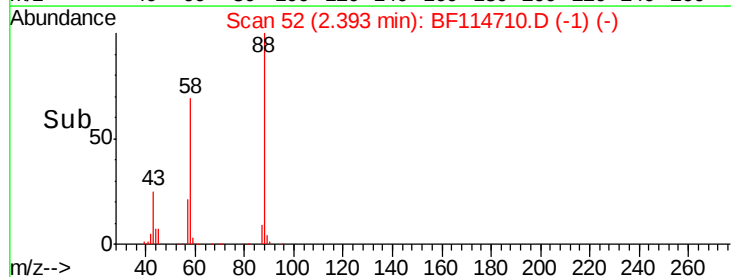
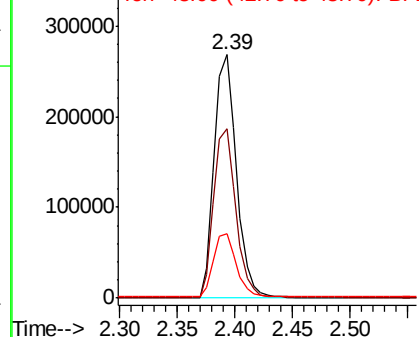
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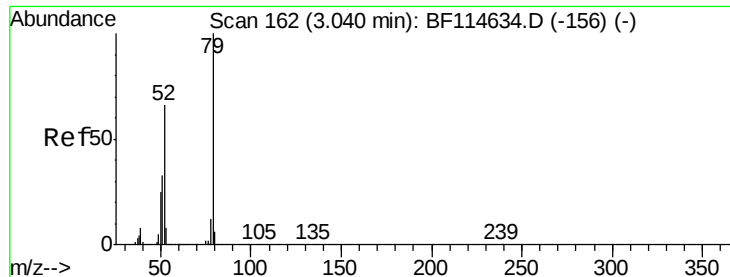
1,4-Dioxane
Concen: 38.710 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion: 88 Resp: 361805
Ion Ratio Lower Upper
88 100
58 70.0 57.2 85.8
43 26.2 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 25.106 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

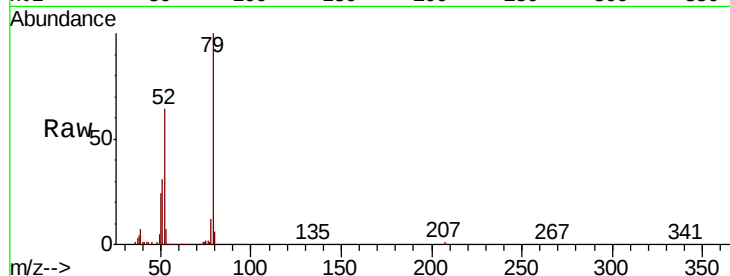
Tgt Ion: 79 Resp: 682911

Ion Ratio Lower Upper

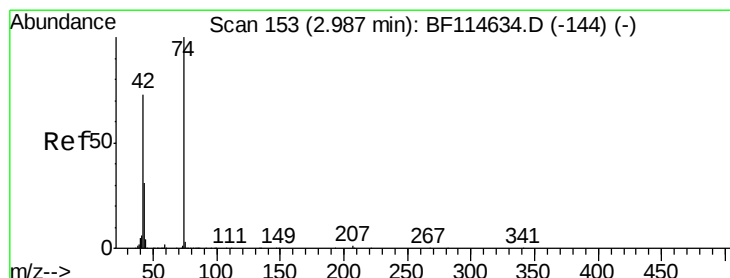
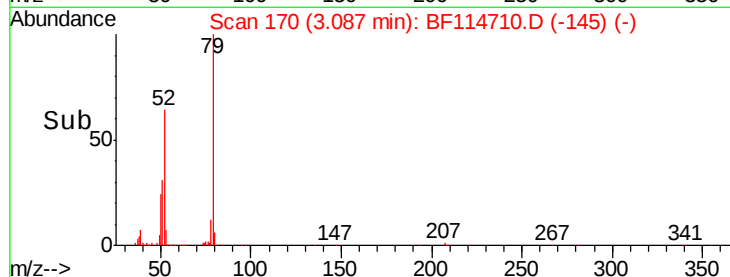
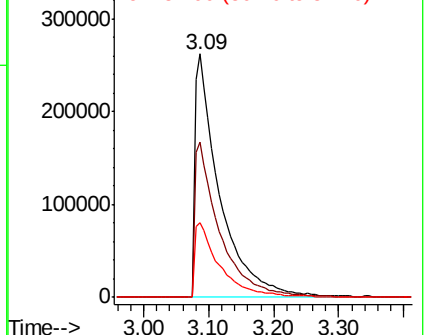
79 100

52 63.6 52.8 79.2

51 30.7 26.3 39.5



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



#4

n-Nitrosodimethylamine

Concen: 39.943 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.03 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

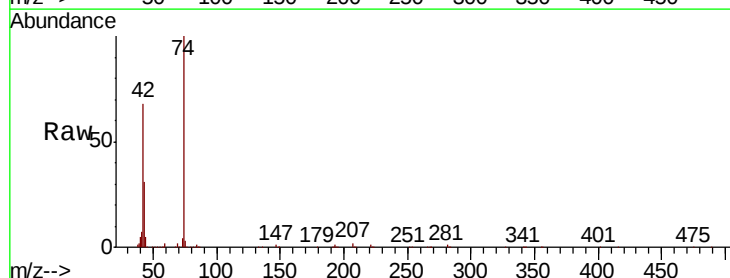
Tgt Ion: 42 Resp: 439679

Ion Ratio Lower Upper

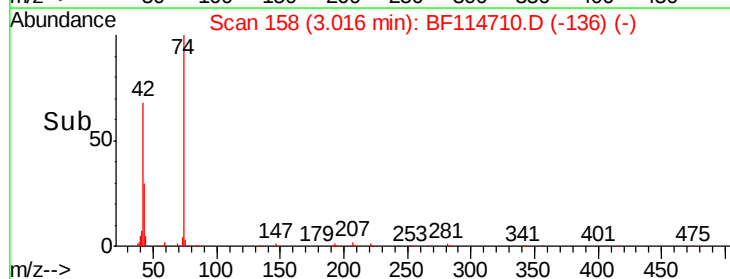
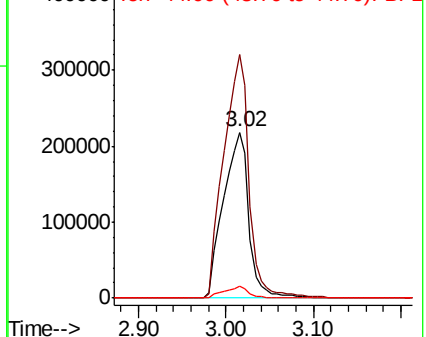
42 100

74 146.6 110.0 165.0

44 7.2 5.6 8.4



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





#5

2-Fluorophenol

Concen: 121.871 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

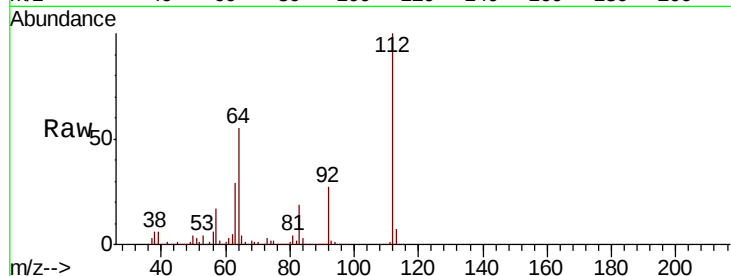
Tgt Ion:112 Resp: 2373624

Ion Ratio Lower Upper

112 100

64 54.8 46.1 69.1

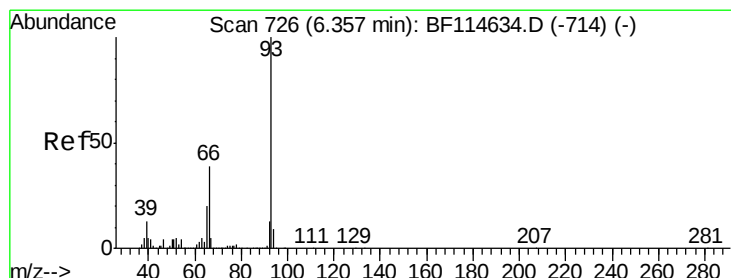
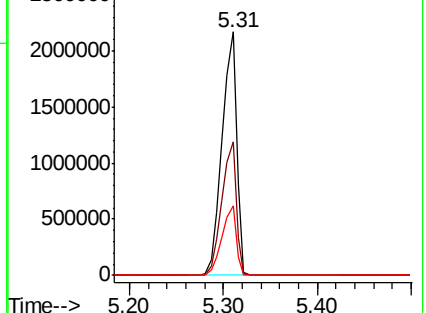
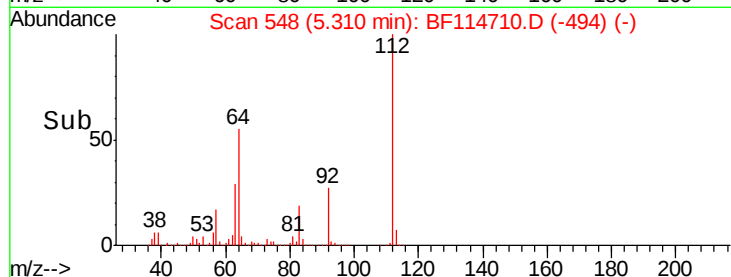
63 28.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.122 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

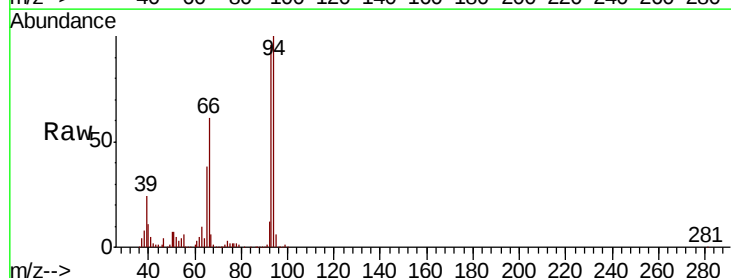
Tgt Ion: 93 Resp: 607008

Ion Ratio Lower Upper

93 100

66 63.4 31.4 47.2#

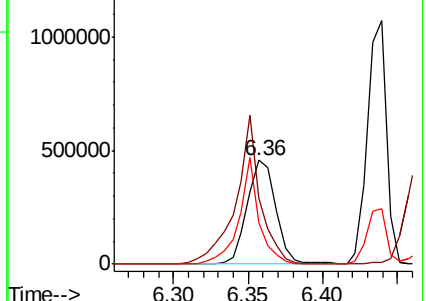
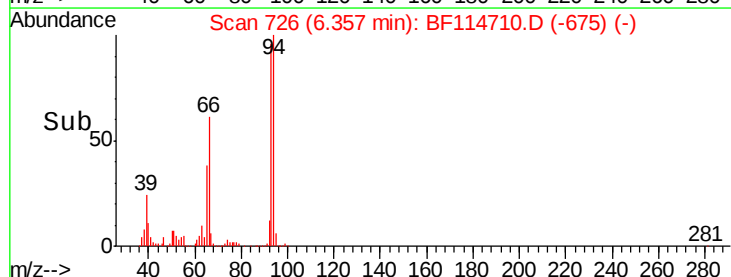
65 39.9 16.2 24.2#

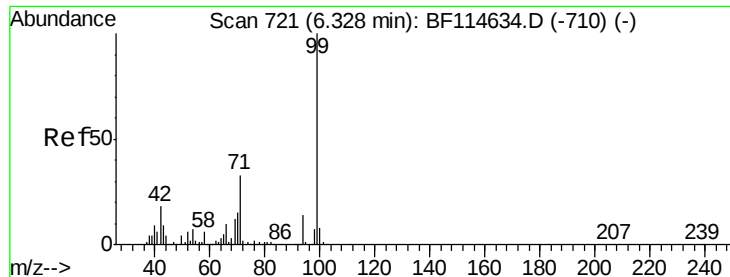


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.209 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

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ClientSampleId :

TP-6MSD

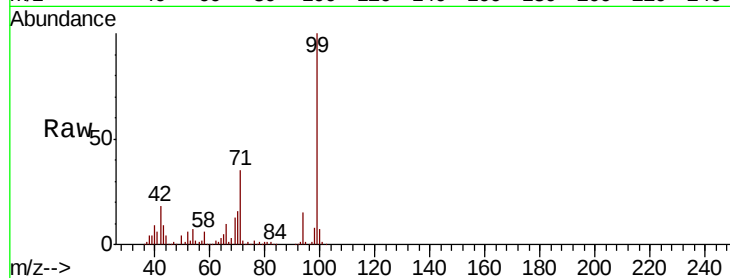
Tgt Ion: 99 Resp: 3009050

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

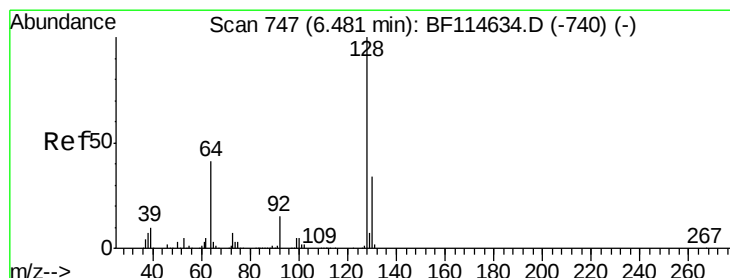
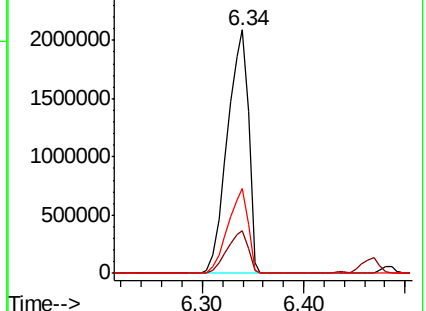
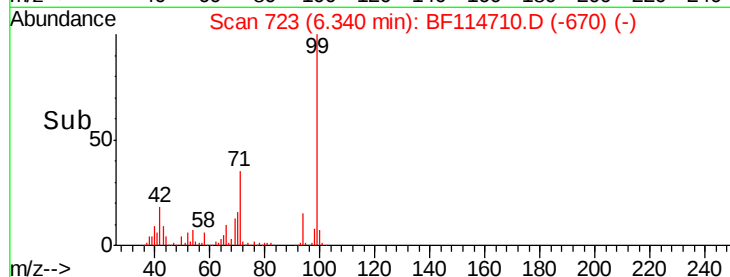
71 34.7 26.6 40.0



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: 45.530 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

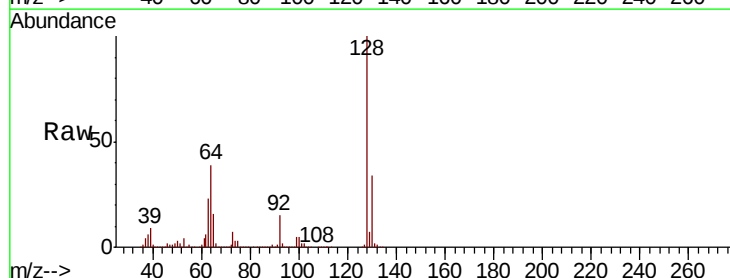
Tgt Ion: 128 Resp: 1024095

Ion Ratio Lower Upper

128 100

130 33.5 13.9 53.9

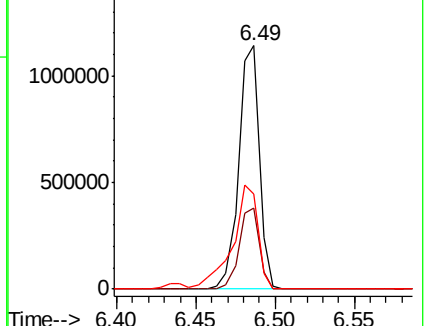
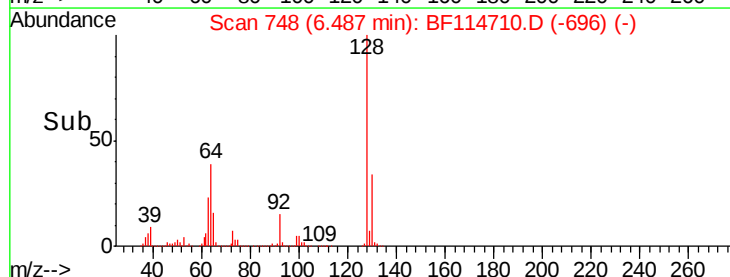
64 39.0 22.0 62.0

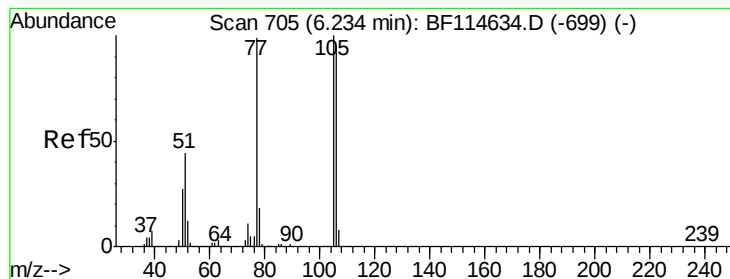


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.981 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

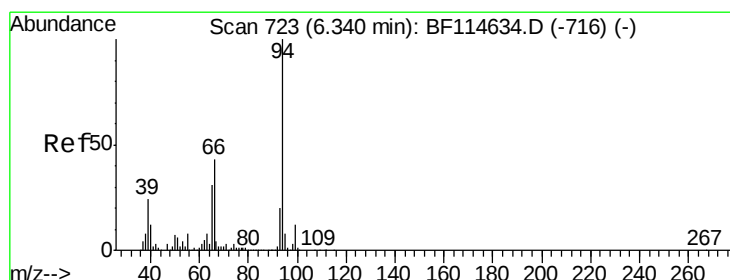
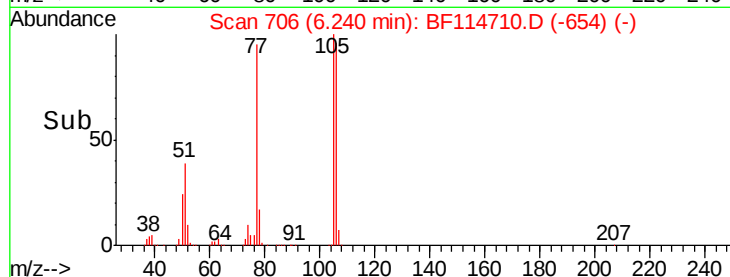
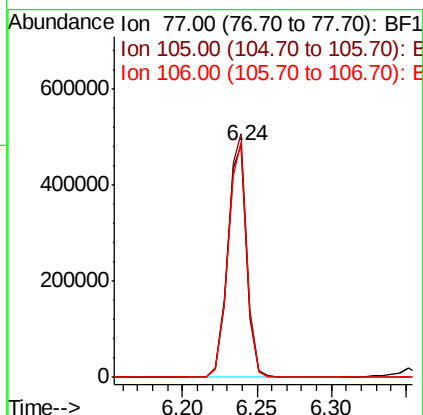
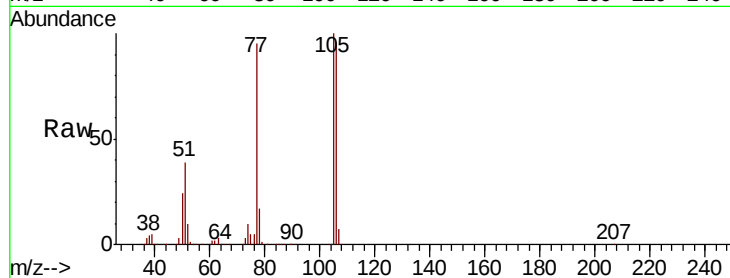
Tgt Ion: 77 Resp: 438264

Ion Ratio Lower Upper

77 100

105 105.0 80.8 120.8

106 101.0 76.2 116.2



#10

Phenol

Concen: 41.910 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

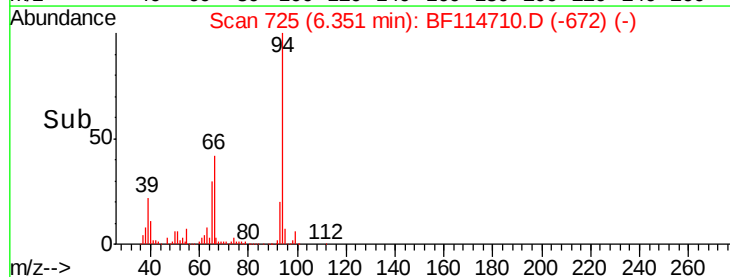
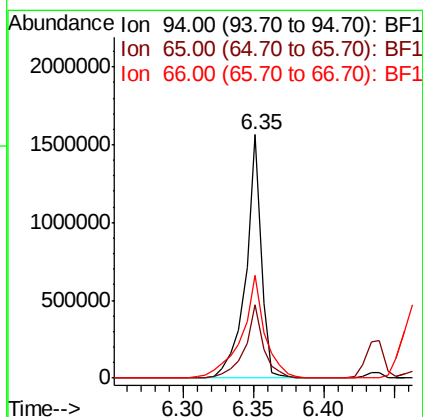
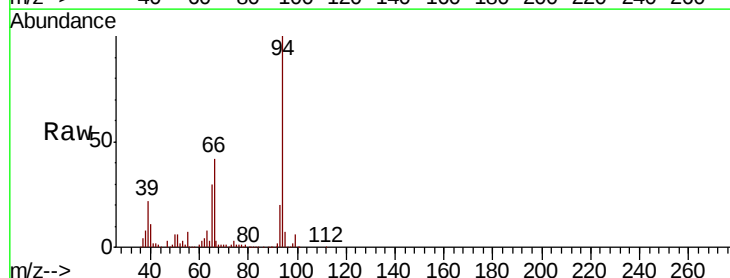
Tgt Ion: 94 Resp: 1188227

Ion Ratio Lower Upper

94 100

65 30.2 11.0 51.0

66 42.0 23.0 63.0





#11

bis(2-Chloroethyl)ether

Concen: 42.851 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

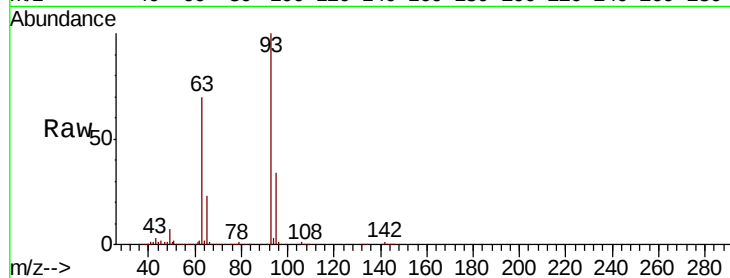
Tgt Ion: 93 Resp: 929295

Ion Ratio Lower Upper

93 100

63 70.5 55.0 95.0

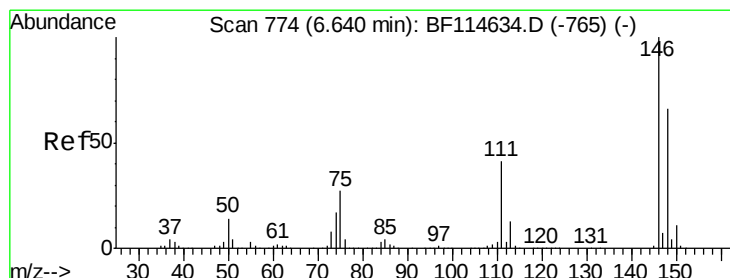
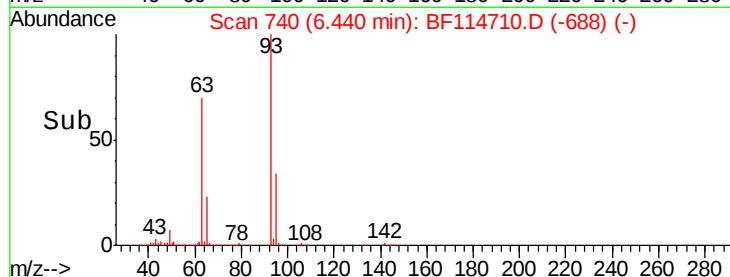
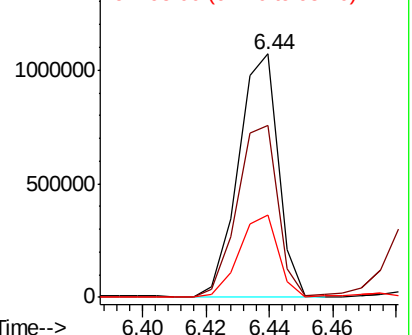
95 33.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.067 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

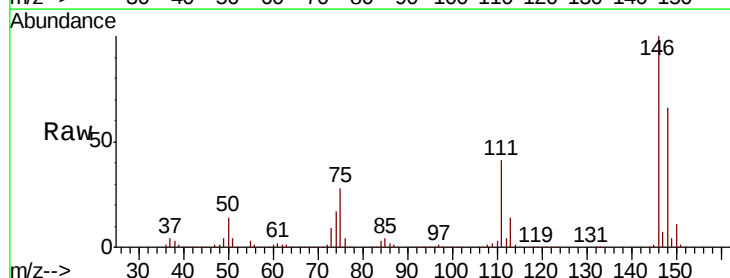
Tgt Ion: 146 Resp: 1078016

Ion Ratio Lower Upper

146 100

148 66.0 52.9 79.3

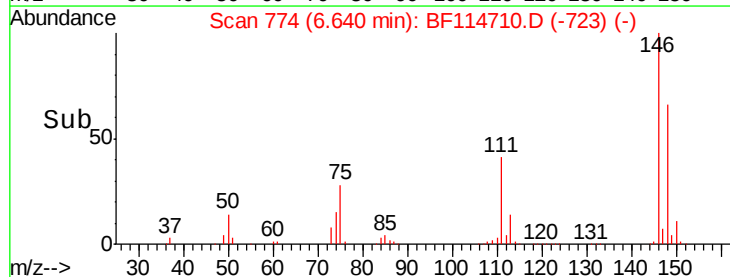
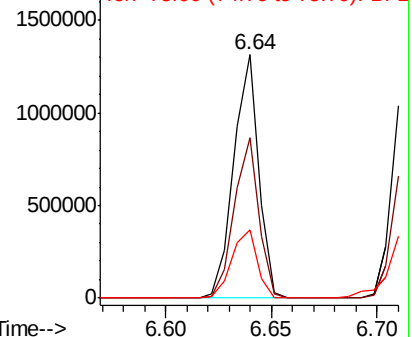
75 28.0 22.0 33.0

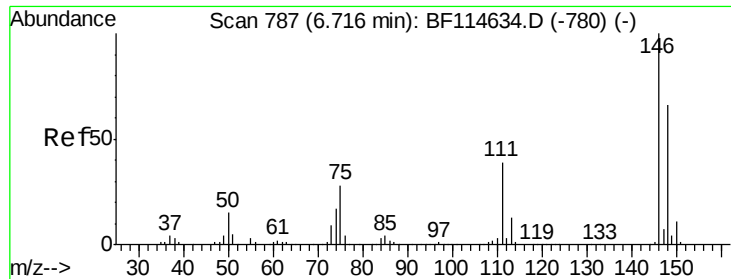


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

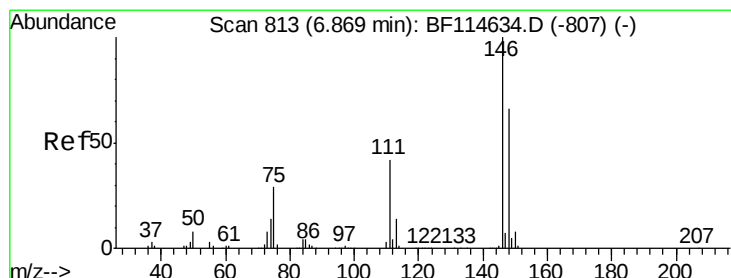
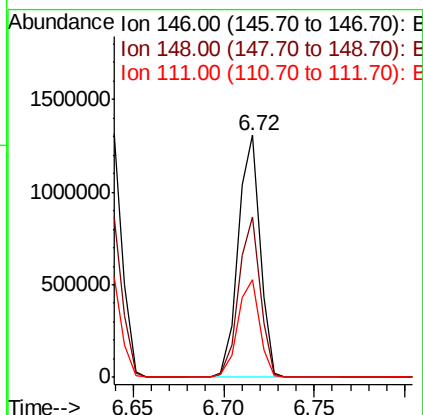
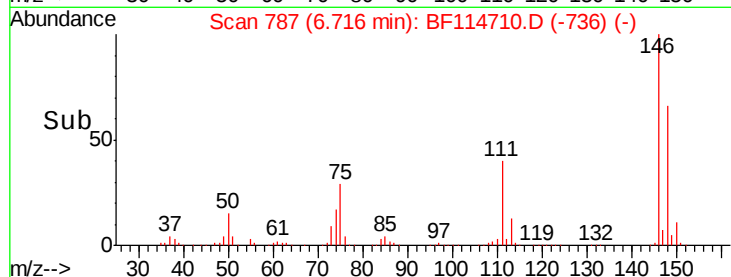
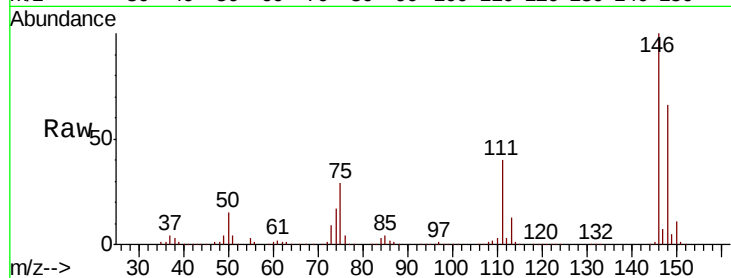




#13
 1,4-Dichlorobenzene
 Concen: 42.603 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

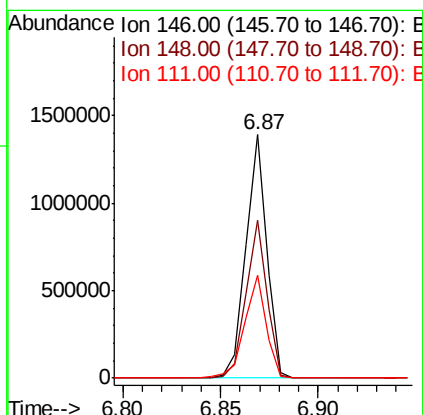
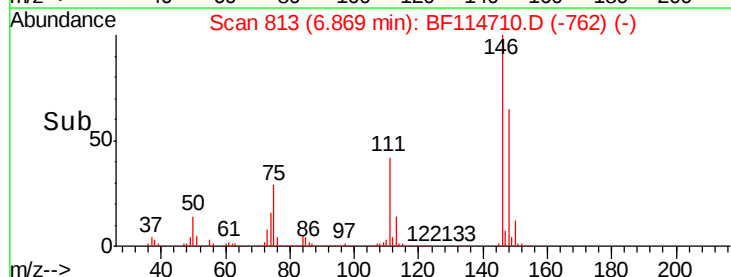
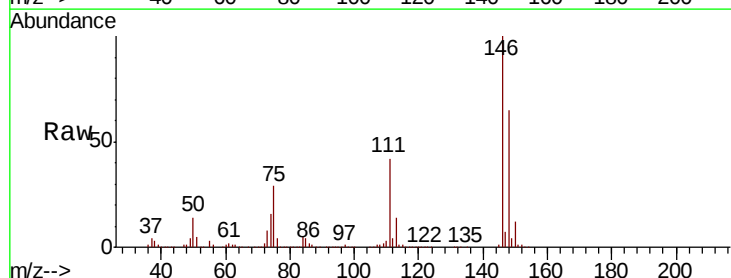
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion:146 Resp: 1095234
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.5 78.7
 111 40.4 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 44.152 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:146 Resp: 1033380
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 42.2 34.1 51.1





#15

Benzyl Alcohol

Concen: 45.528 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

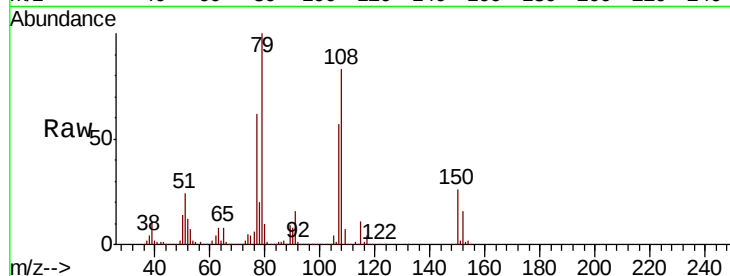
Tgt Ion: 79 Resp: 840509

Ion Ratio Lower Upper

79 100

108 83.0 67.8 101.8

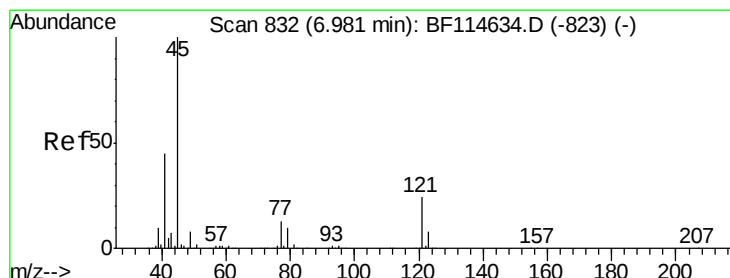
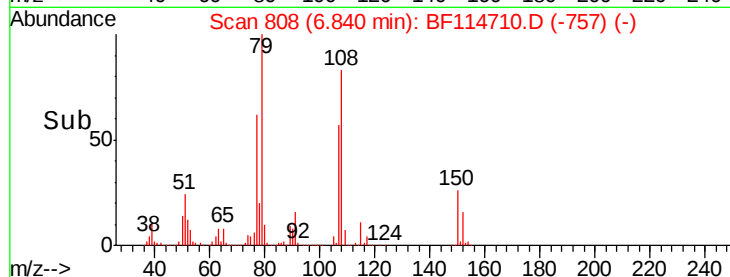
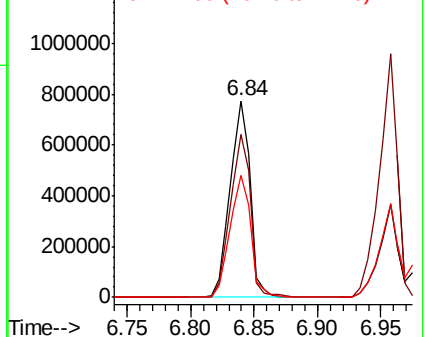
77 62.2 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.362 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

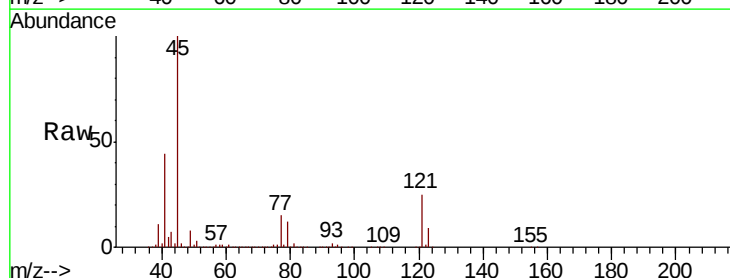
Tgt Ion: 45 Resp: 1309287

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.7

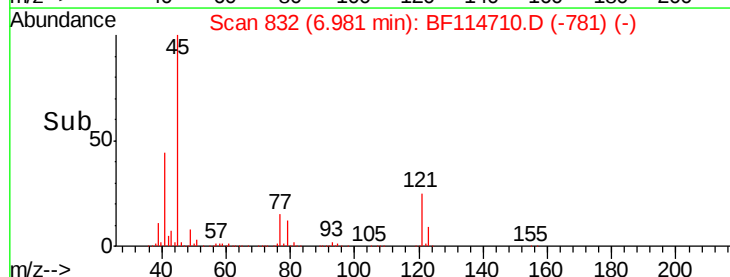
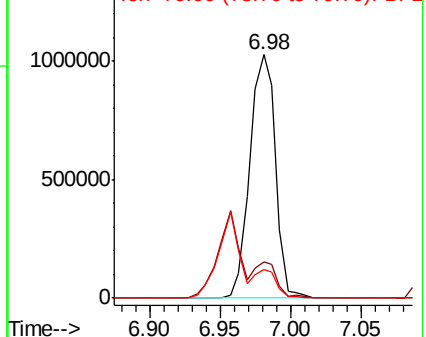
79 11.7 0.0 31.3

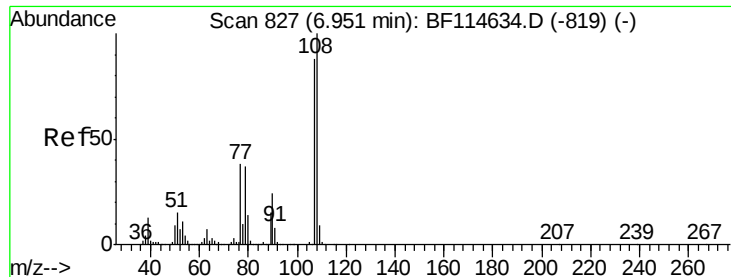


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

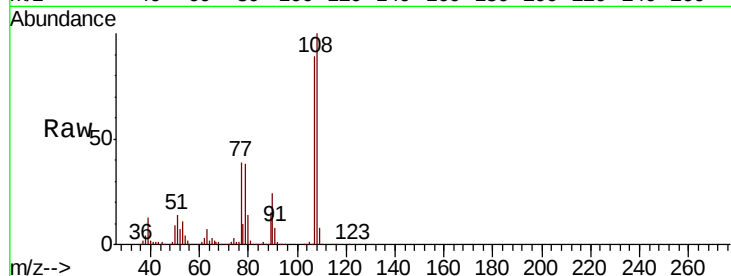




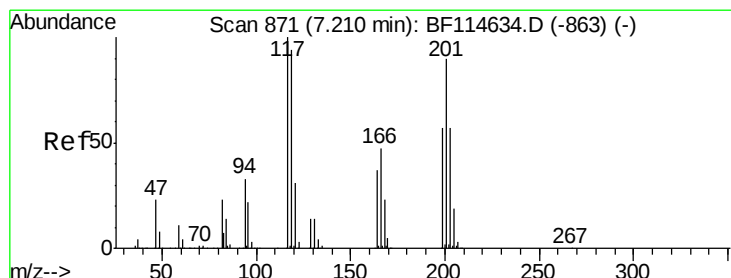
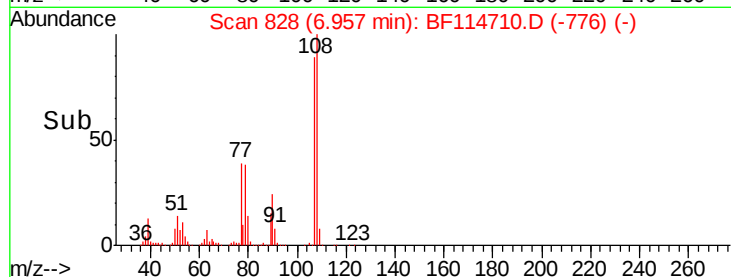
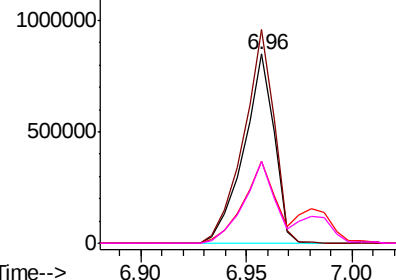
#17
2-Methylphenol
Concen: 44.747 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:	107	Resp:	851264
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.1	136.7
77	43.6	34.9	52.3
79	43.0	33.8	50.6

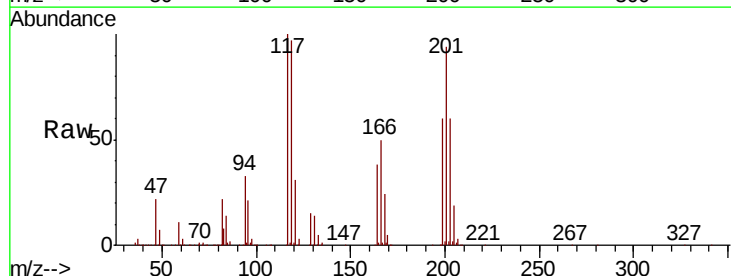


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

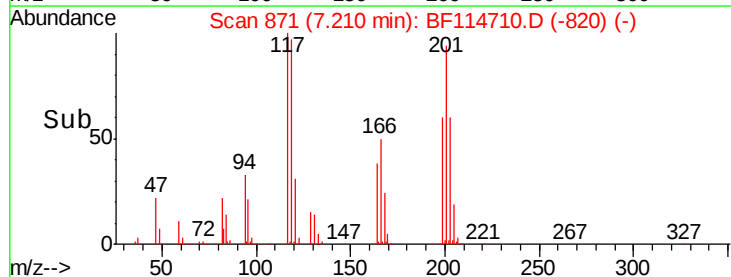
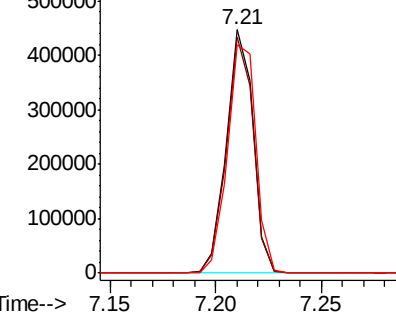


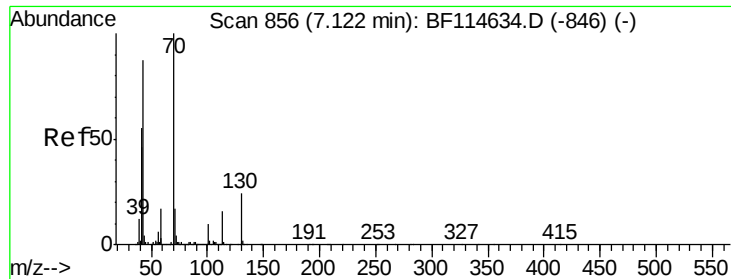
#18
Hexachloroethane
Concen: 40.200 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:	117	Resp:	391286
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.6	113.4
201	93.9	71.7	107.5



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

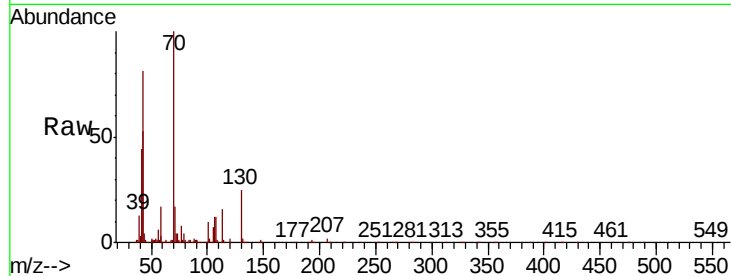




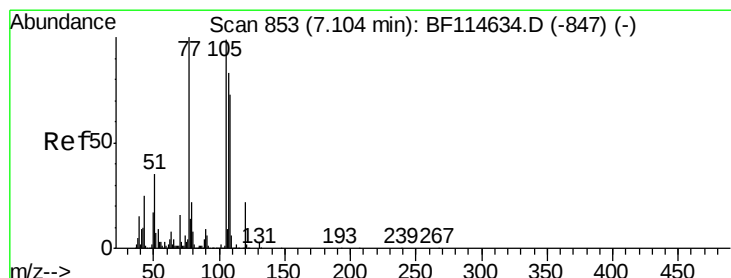
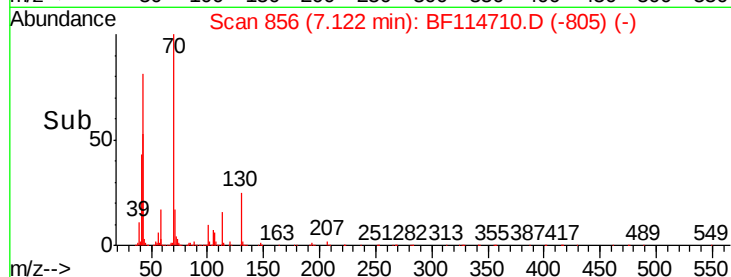
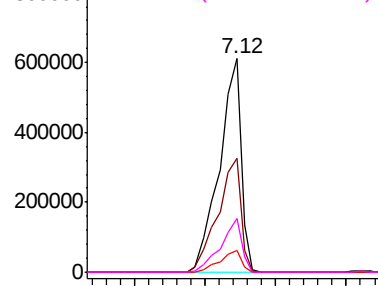
#19
n-Nitroso-di-n-propylamine
Concen: 40.648 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:	70	Resp:	658499
Ion	Ratio	Lower	Upper
70	100		
42	53.2	44.4	66.6
101	10.4	8.2	12.4
130	25.2	19.4	29.0

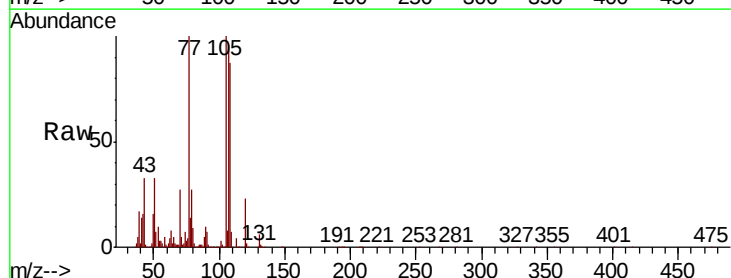


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

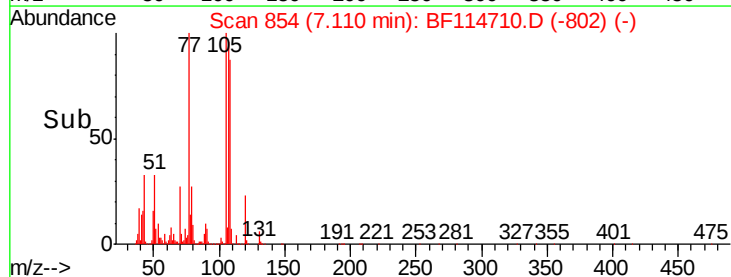
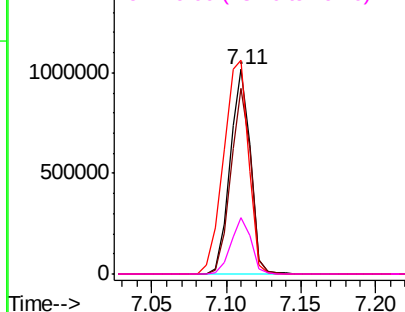


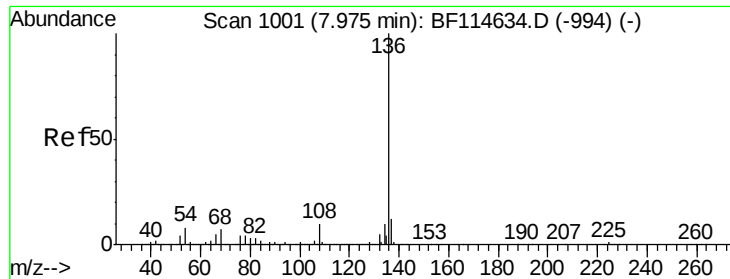
#20
3+4-Methylphenols
Concen: 43.610 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:	107	Resp:	975756
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.6	108.6
77	104.5	100.5	140.5
79	27.8	7.0	47.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

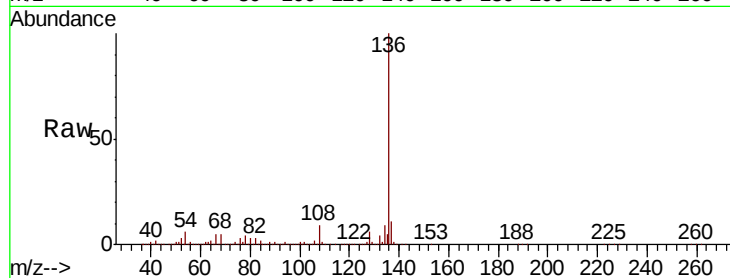




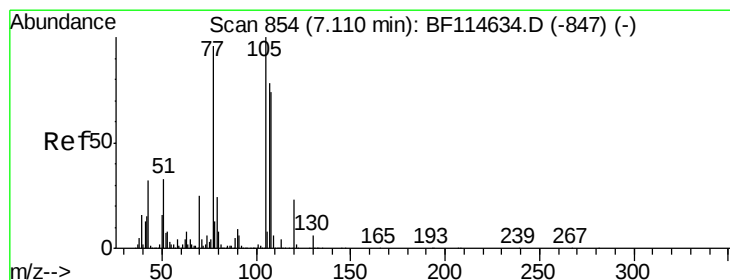
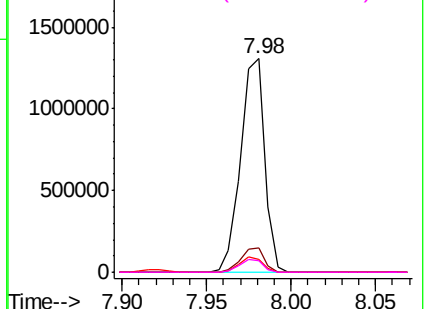
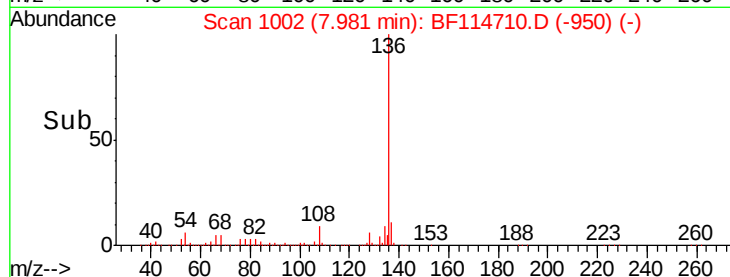
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:	136	Resp:	1306448
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.2	6.3	9.5#
68	5.5	5.4	8.0

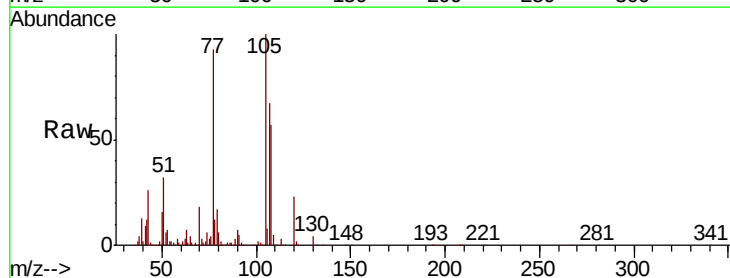


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

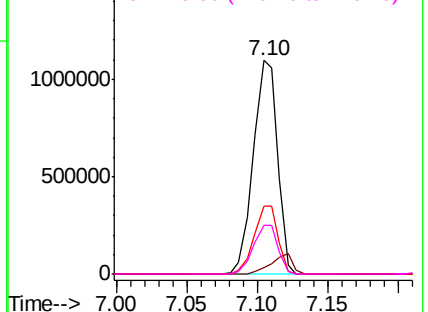
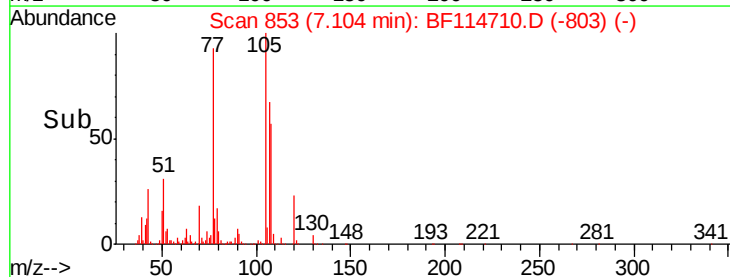


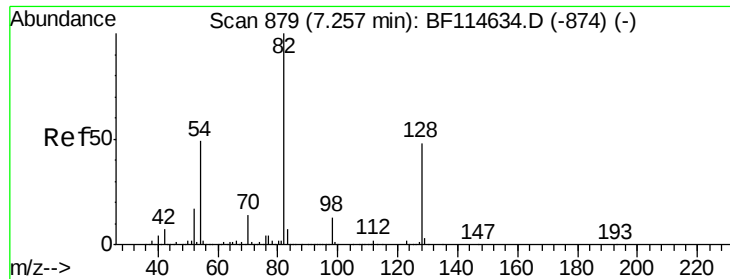
#22
Acetophenone
Concen: 47.741 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:	105	Resp:	1328928
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.6	5.4#
51	31.5	26.0	39.0
120	22.7	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
1500000 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

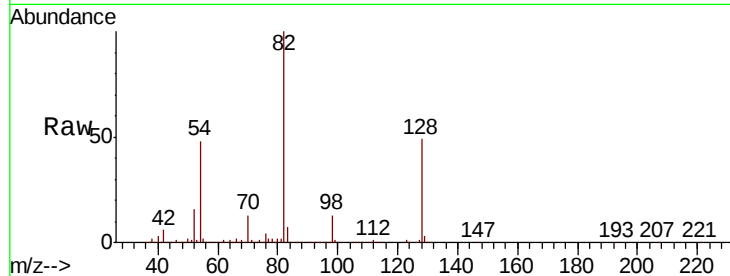




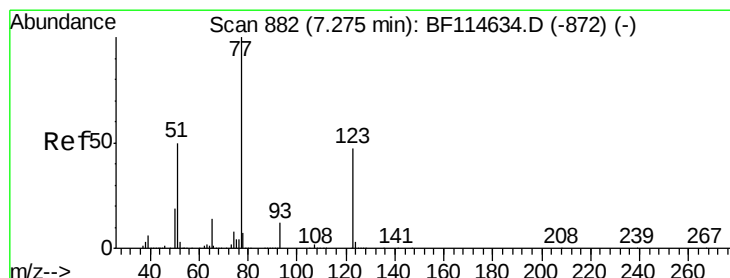
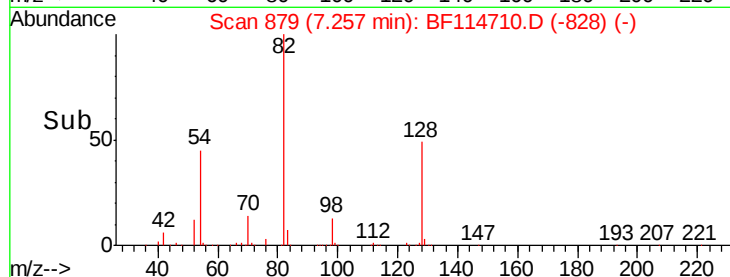
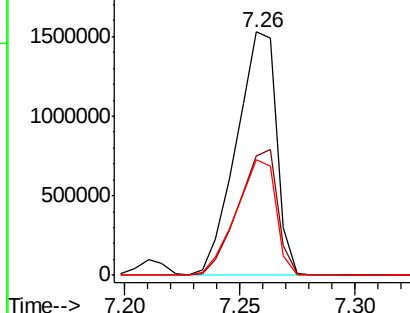
#23
 Nitrobenzene-d5
 Concen: 89.248 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion: 82 Resp: 1868873
 Ion Ratio Lower Upper
 82 100
 128 48.8 38.5 57.7
 54 47.5 39.1 58.7

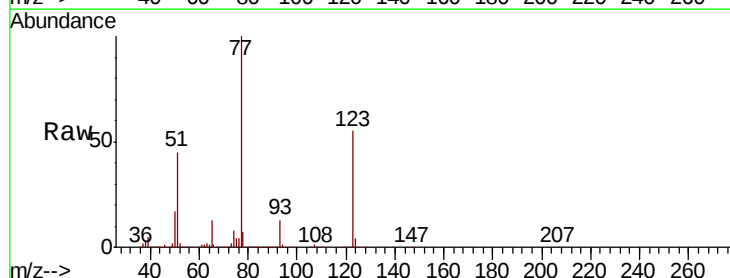


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

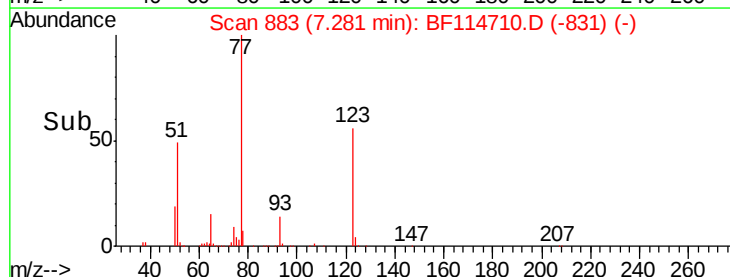
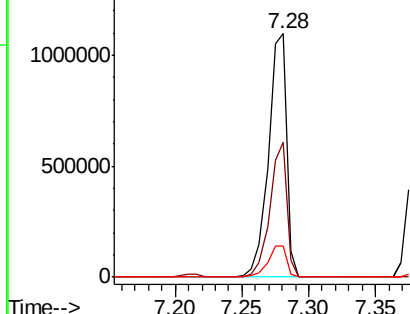


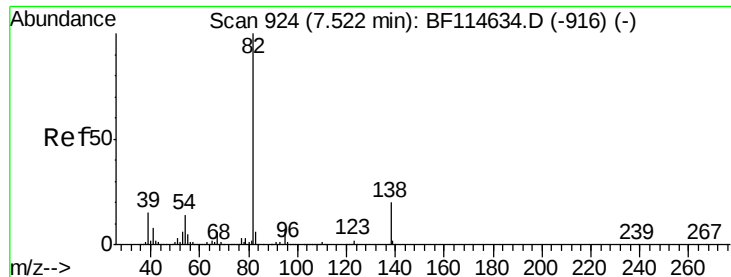
#24
 Nitrobenzene
 Concen: 46.724 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion: 77 Resp: 1039342
 Ion Ratio Lower Upper
 77 100
 123 55.2 38.5 57.7
 65 13.0 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.823 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

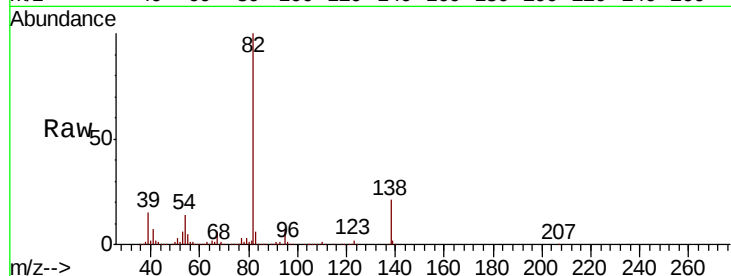
Tgt Ion: 82 Resp: 1883687

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

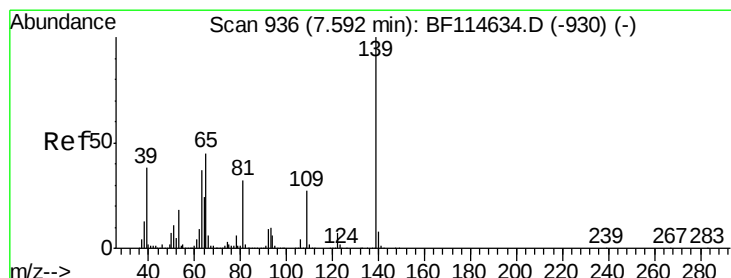
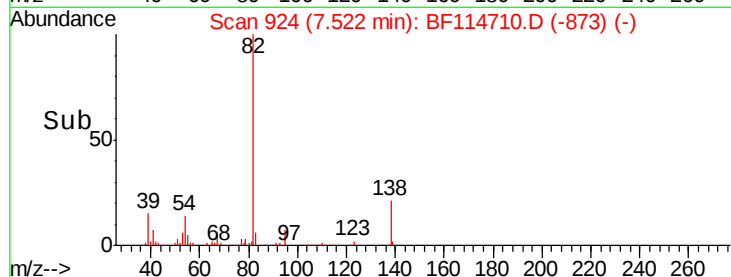
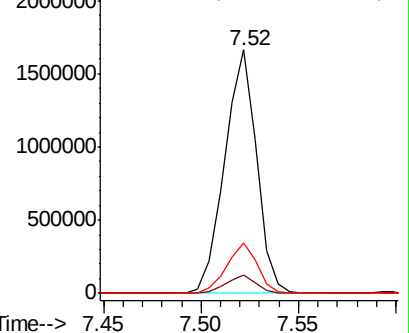
138 20.8 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.215 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

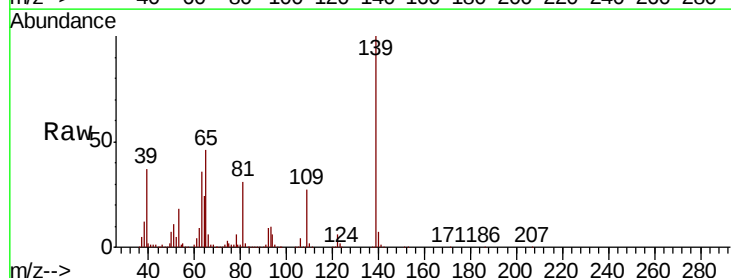
Tgt Ion: 139 Resp: 565364

Ion Ratio Lower Upper

139 100

109 26.8 21.7 32.5

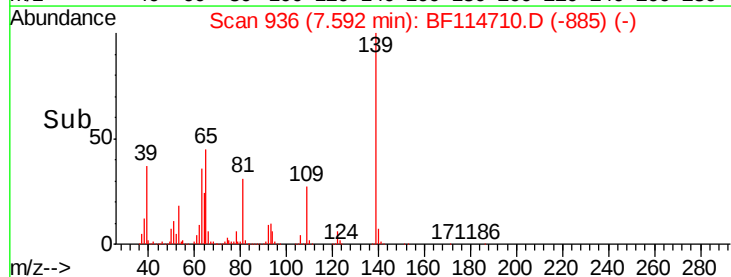
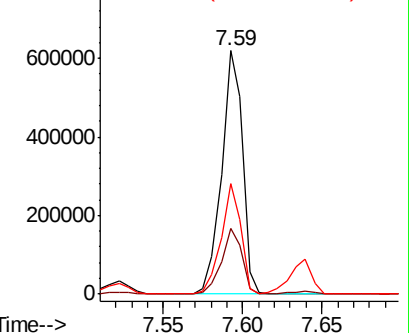
65 45.5 36.3 54.5

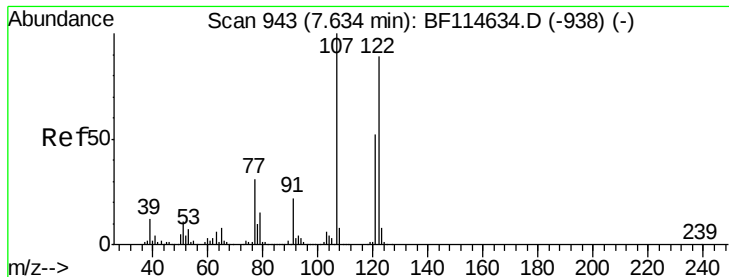


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

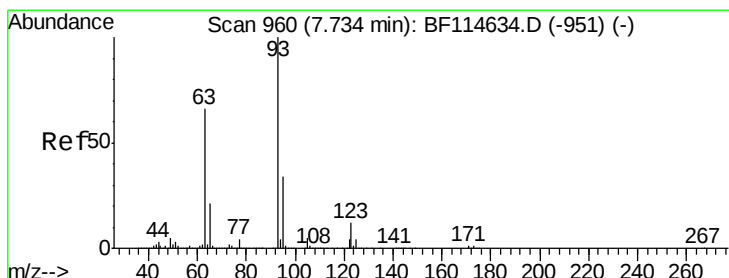
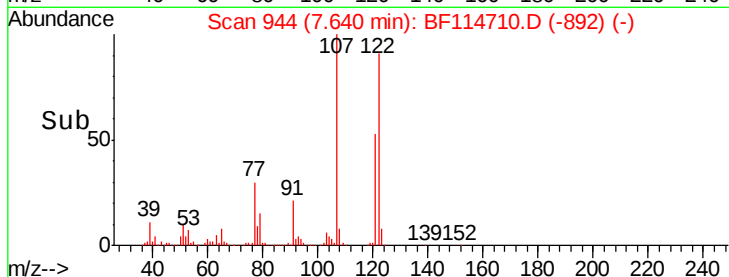
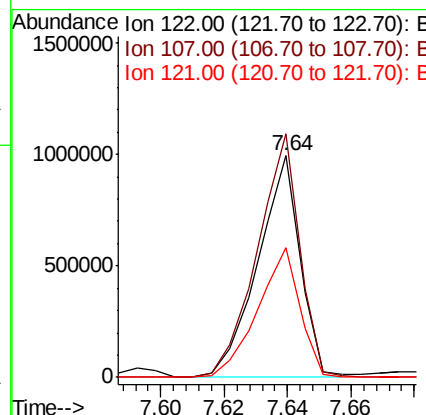
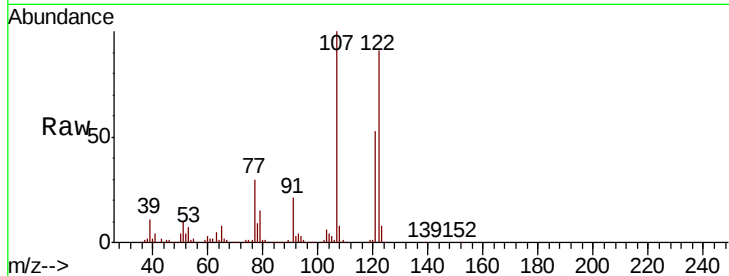




#27
 2,4-Dimethylphenol
 Concen: 51.263 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

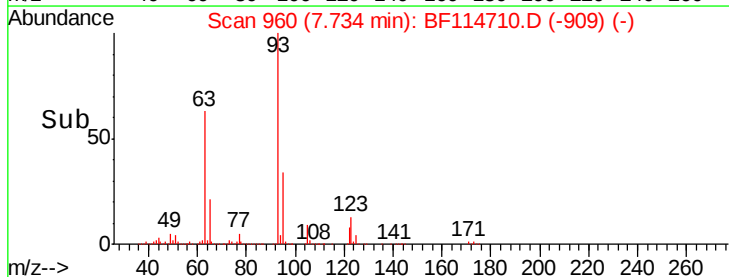
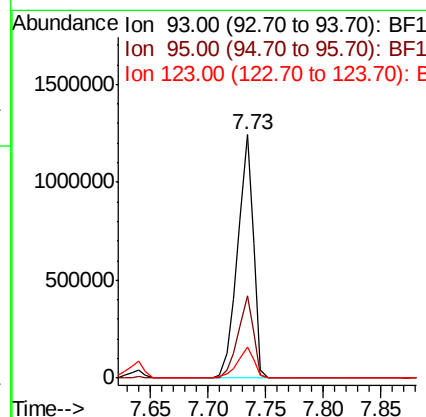
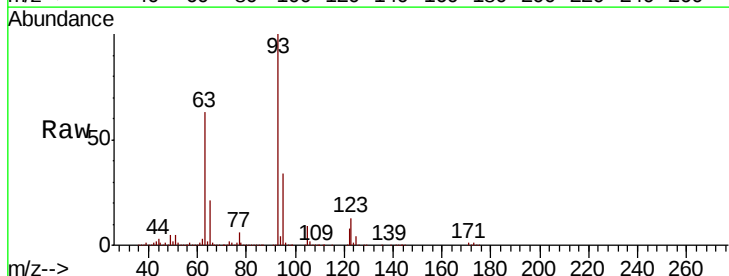
Instrument :
 BNA_F
 ClientSampled :
 TP-6MSD

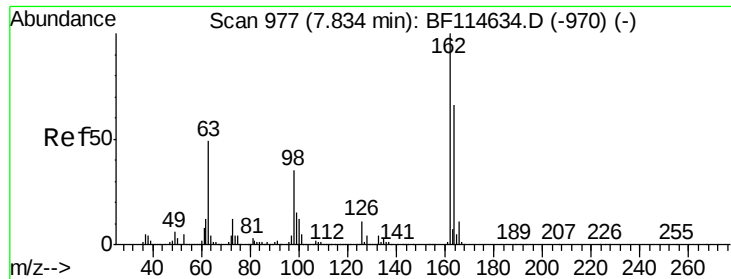
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.3	133.9
121	58.6	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.911 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.4
123	12.6	10.2	15.2

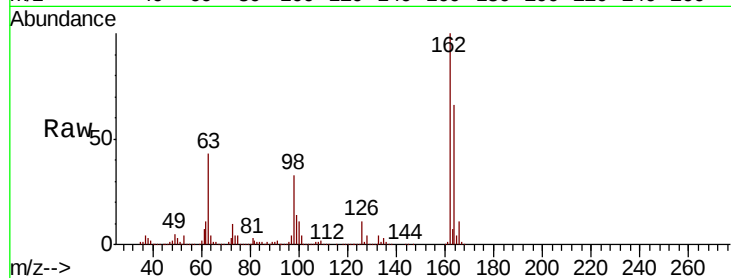




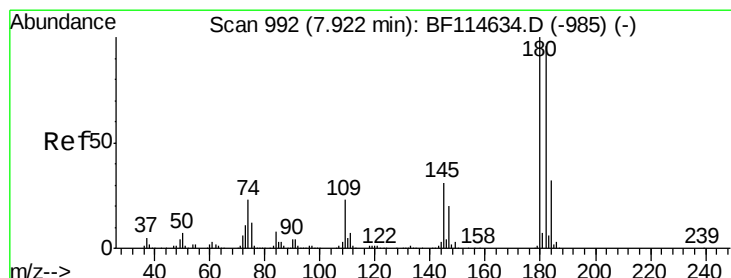
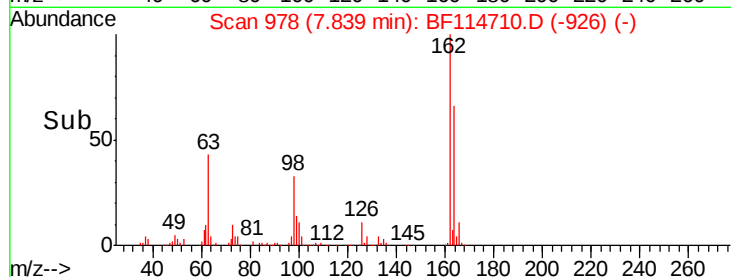
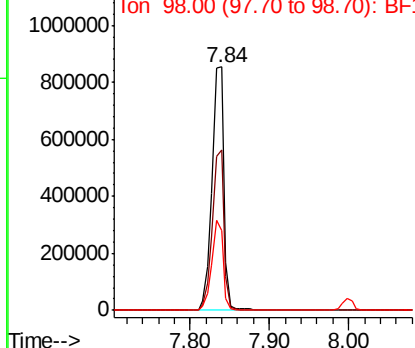
#29
2,4-Dichlorophenol
Concen: 48.654 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.8	85.8
98	32.9	14.9	54.9

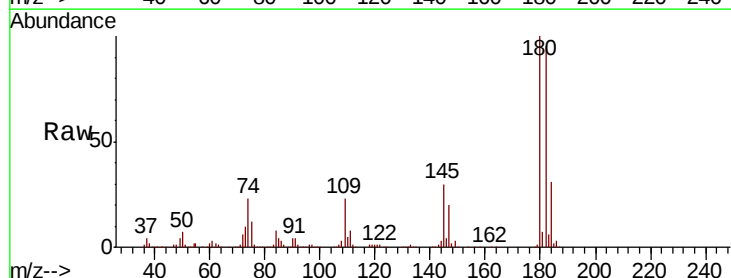


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

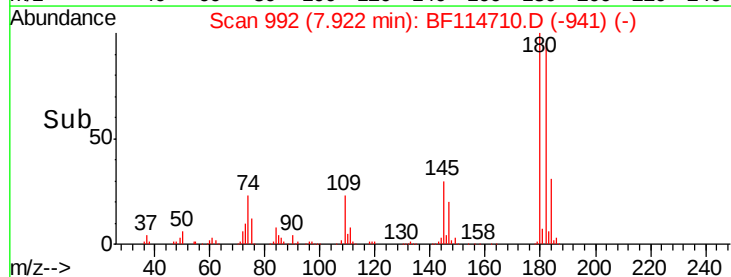
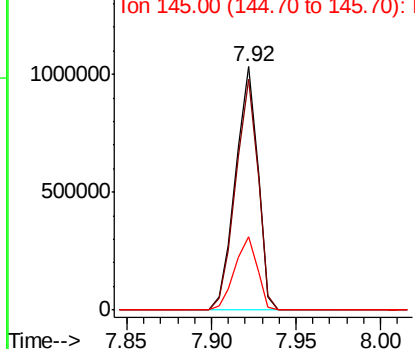


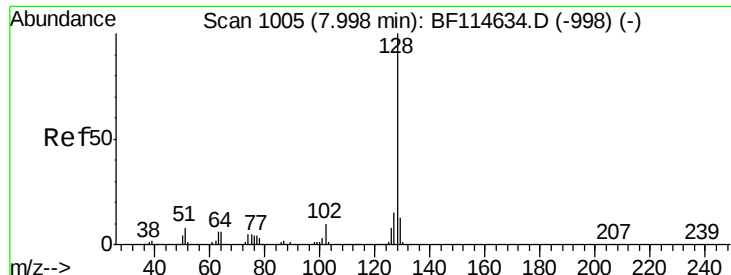
#30
1,2,4-Trichlorobenzene
Concen: 45.408 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	30.1	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

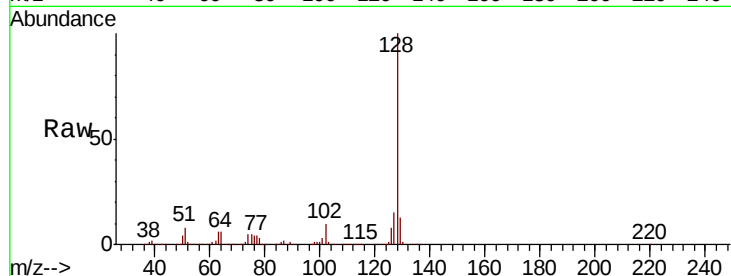




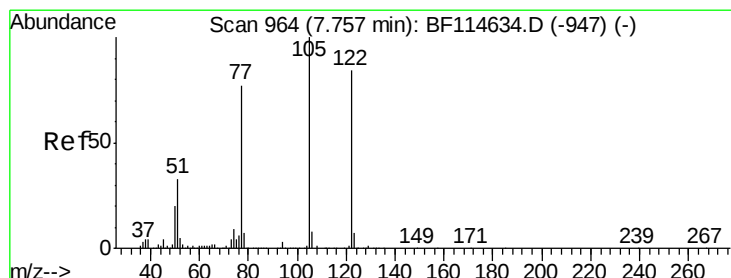
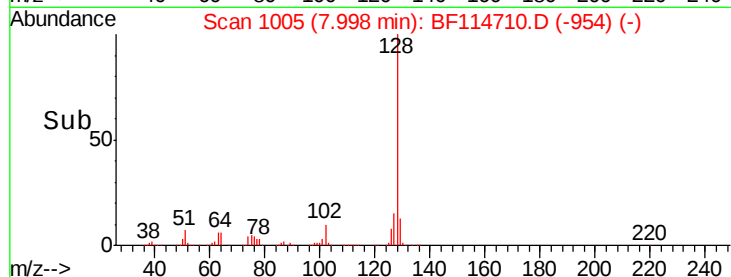
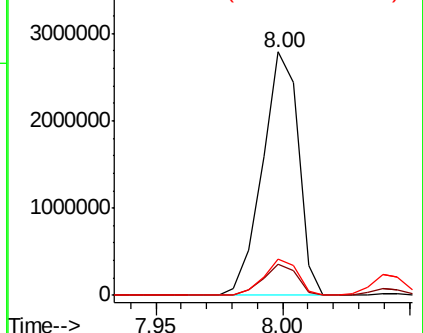
#31
Naphthalene
Concen: 45.567 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:128 Resp: 2742094
Ion Ratio Lower Upper
128 100
129 12.9 10.2 15.2
127 14.8 11.9 17.9

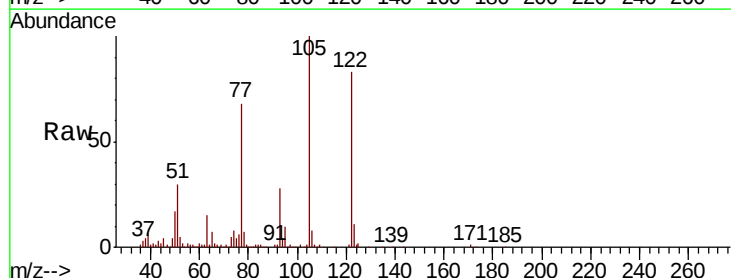


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

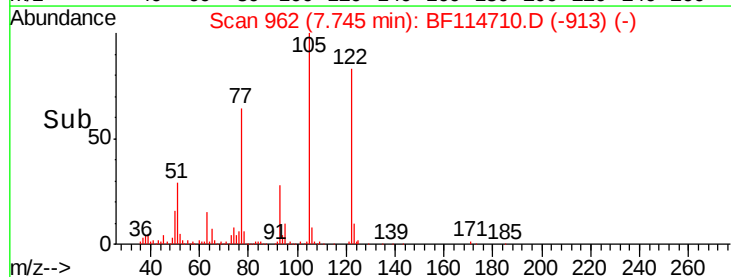
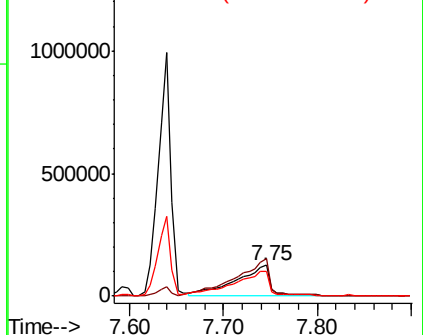


#32
Benzoic acid
Concen: 27.006 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:122 Resp: 315874
Ion Ratio Lower Upper
122 100
105 120.1 98.3 138.3
77 82.1 70.7 110.7



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

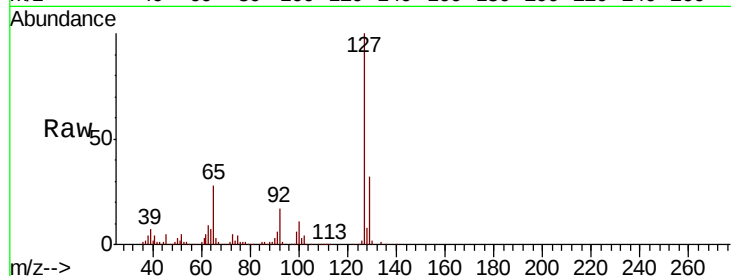




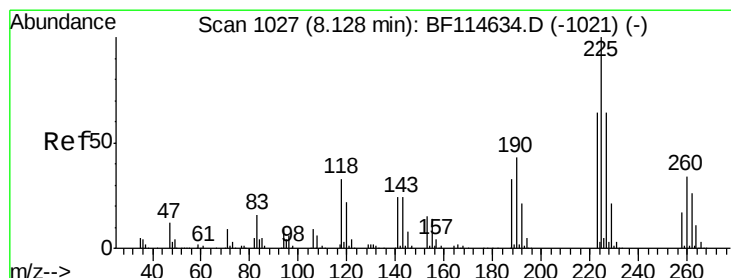
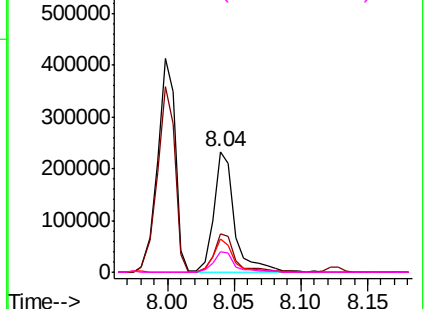
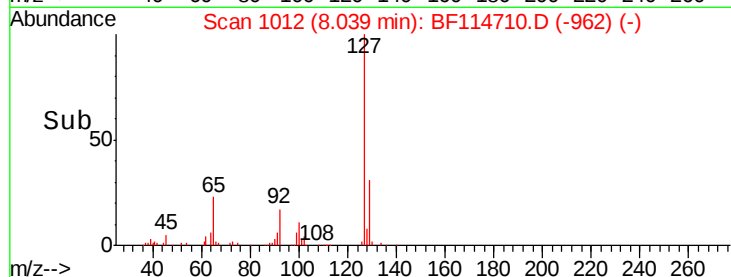
#33
4-Chloroaniline
Concen: 8.843 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:	127	Resp:	253540
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.7	40.1
65	27.6	22.5	33.7
92	17.3	14.6	22.0

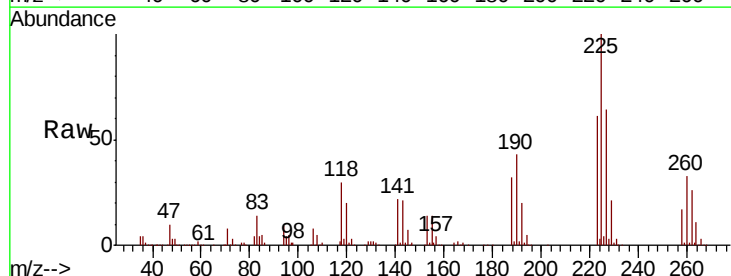


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

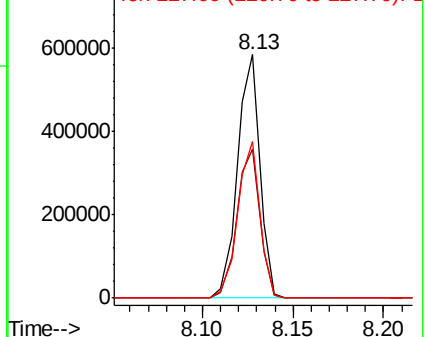
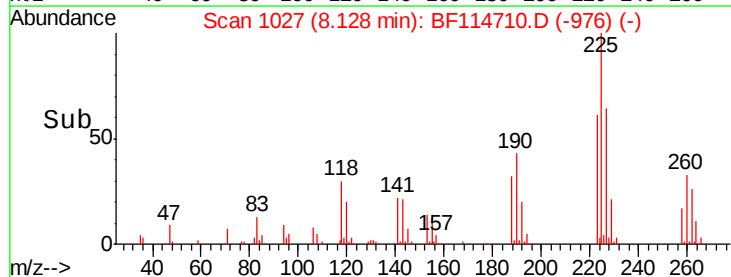


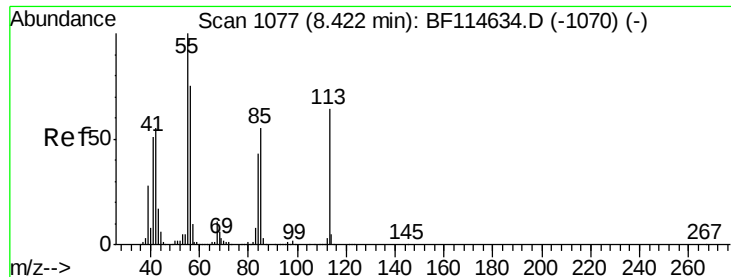
#34
Hexachlorobutadiene
Concen: 43.257 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:	225	Resp:	501809
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	64.2	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.646 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

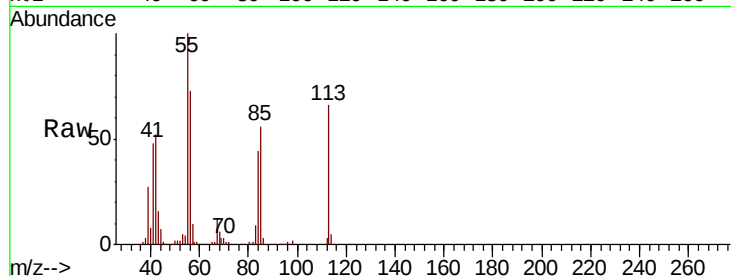
Tgt Ion:113 Resp: 183376

Ion Ratio Lower Upper

113 100

55 151.7 136.4 176.4

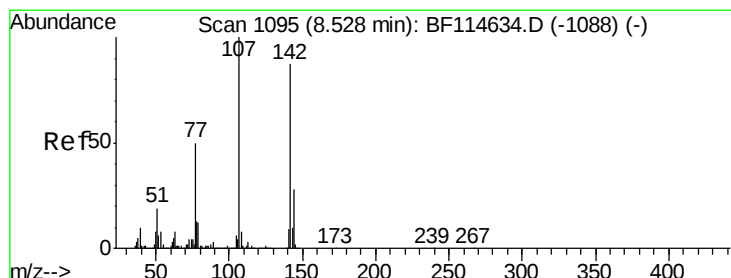
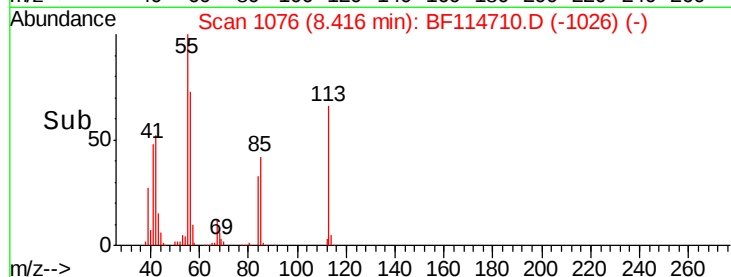
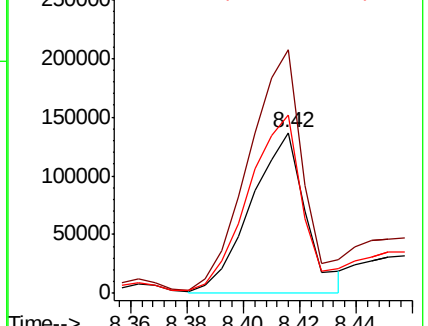
56 111.1 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.392 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

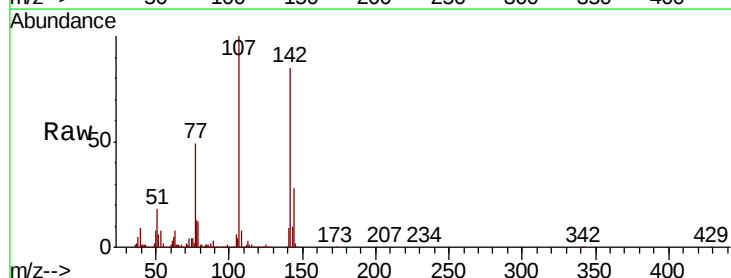
Tgt Ion:107 Resp: 926282

Ion Ratio Lower Upper

107 100

144 27.8 22.5 33.7

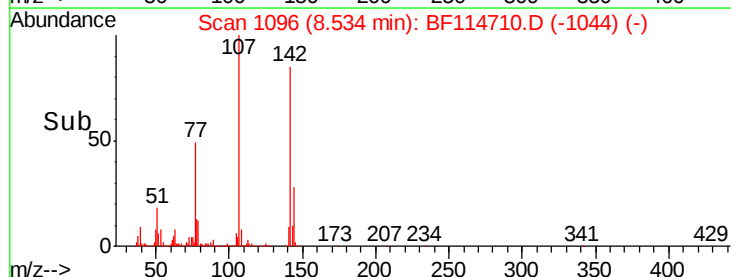
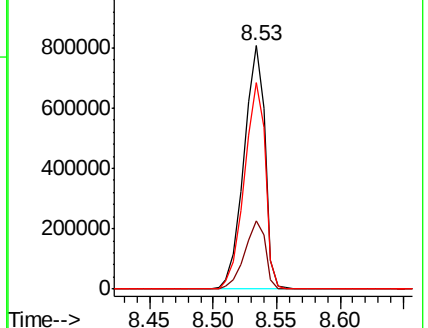
142 85.0 69.8 104.6

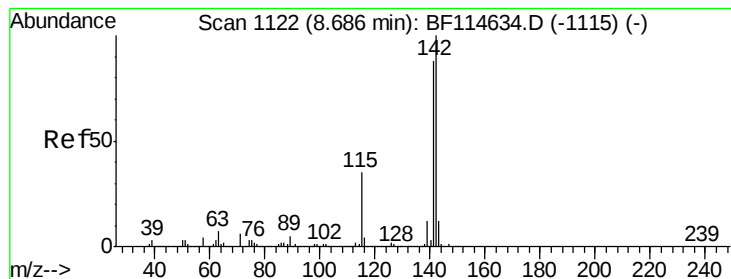


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.504 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

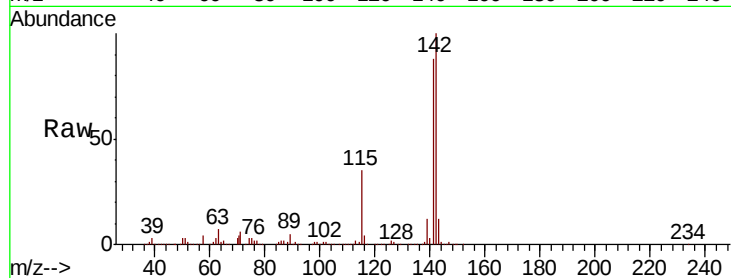
Tgt Ion:142 Resp: 1899360

Ion Ratio Lower Upper

142 100

141 88.1 70.3 105.5

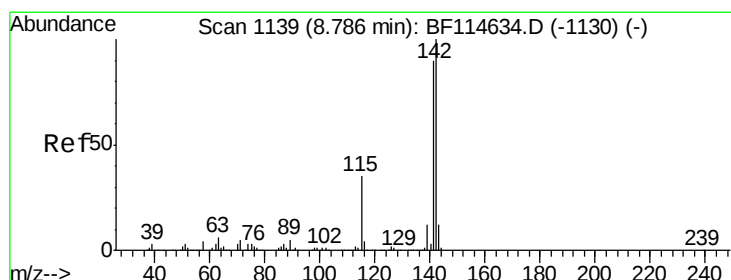
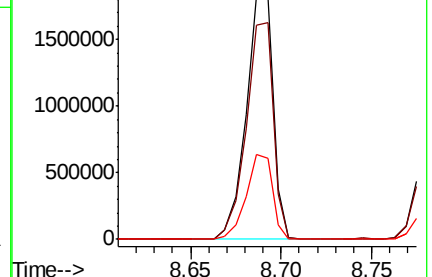
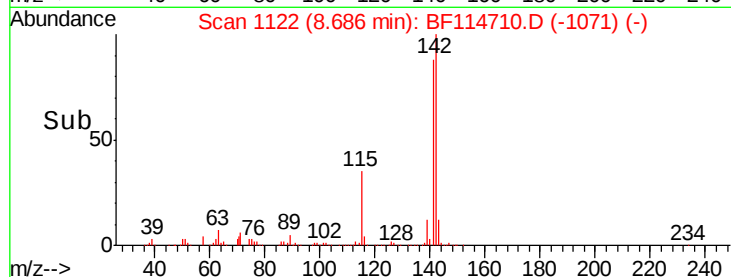
115 34.8 28.0 42.0



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: 47.732 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

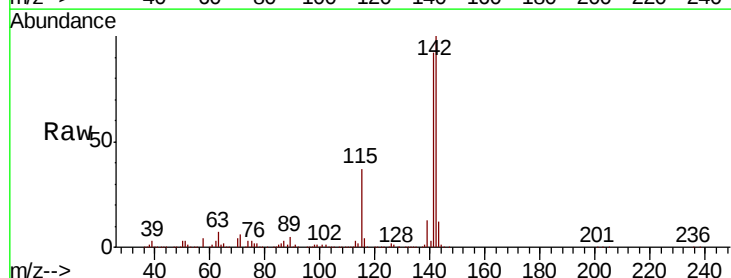
Tgt Ion:142 Resp: 1808214

Ion Ratio Lower Upper

142 100

141 92.1 72.3 108.5

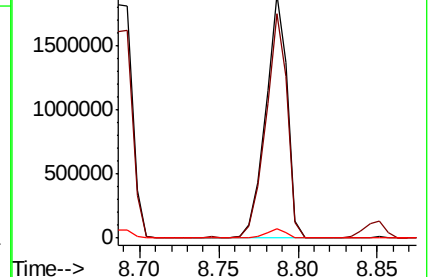
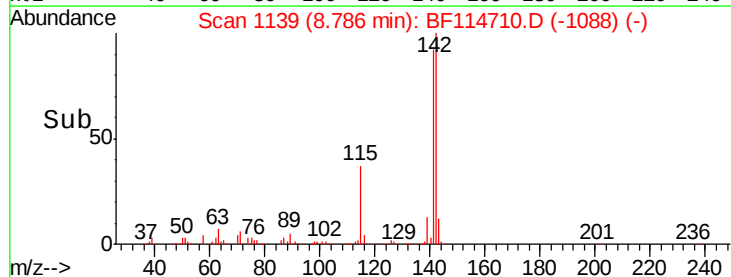
116 4.0 3.0 4.4



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

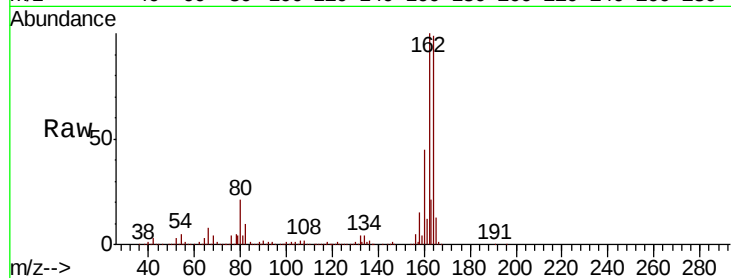
Tgt Ion:164 Resp: 650071

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.2

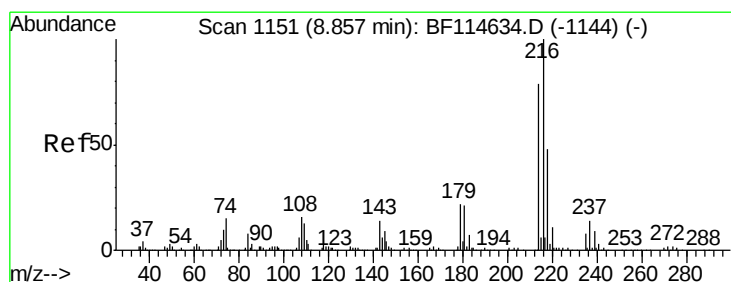
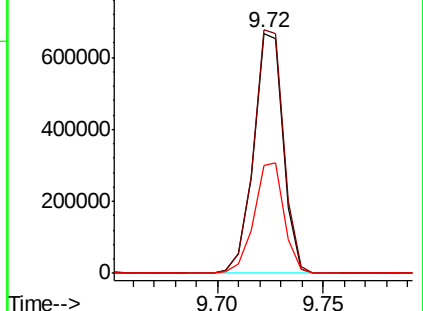
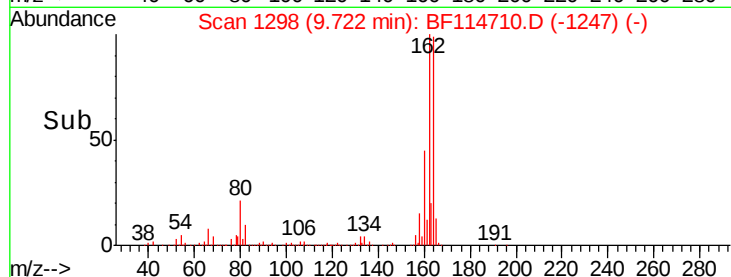
160 45.2 36.6 54.8



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: 46.211 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:216 Resp: 799995

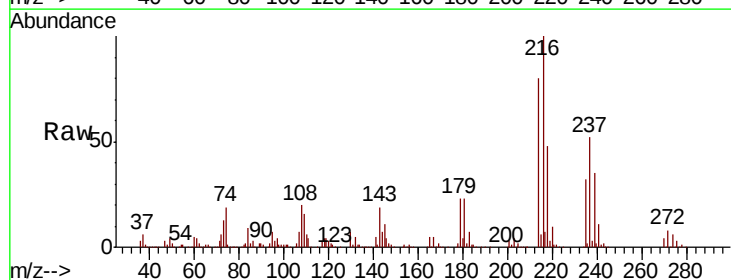
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.5 17.9 26.9

108 21.2 15.8 23.8

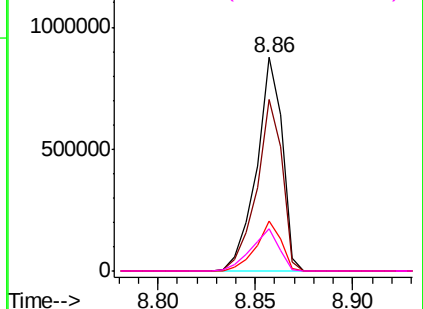
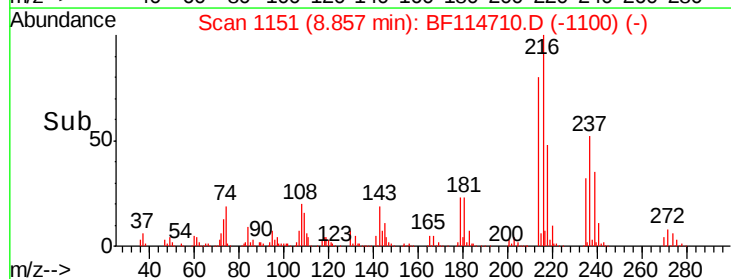


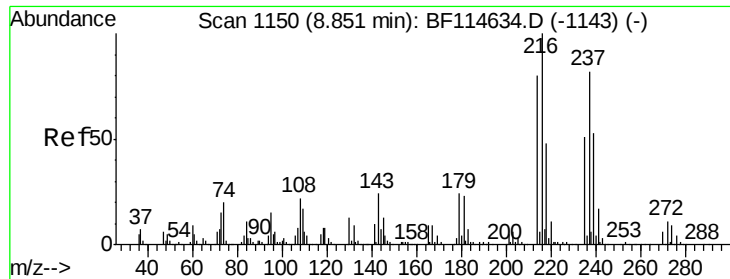
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.630 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

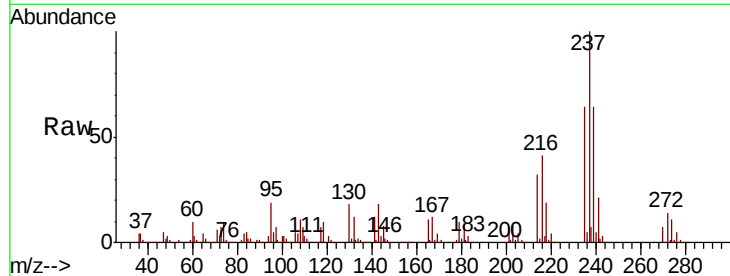
Tgt Ion: 237 Resp: 968173

Ion Ratio Lower Upper

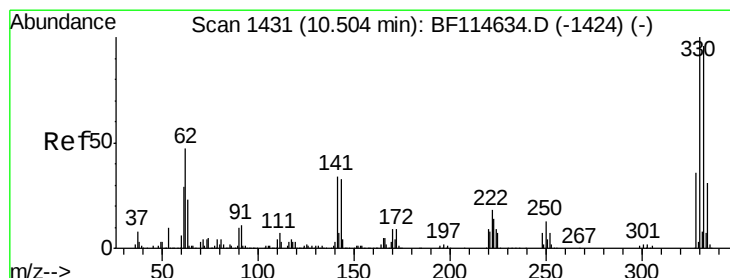
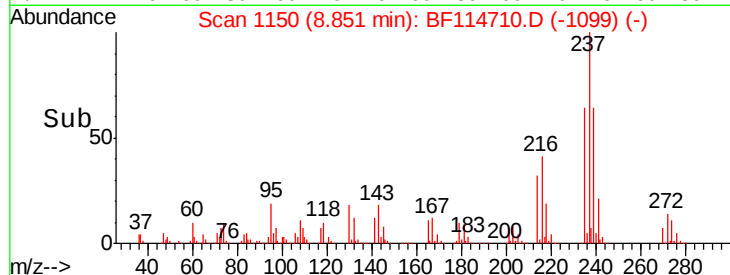
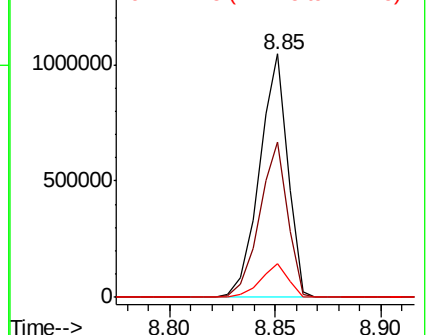
237 100

235 63.6 42.8 82.8

272 13.6 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 140.042 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

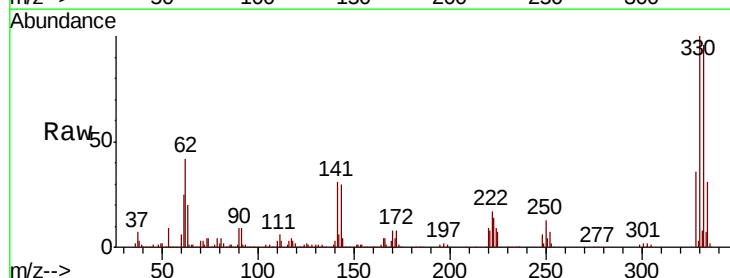
Tgt Ion: 330 Resp: 867441

Ion Ratio Lower Upper

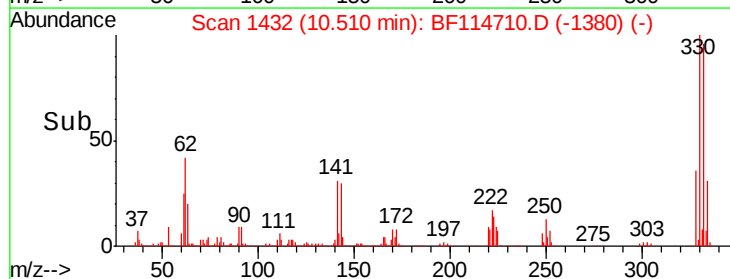
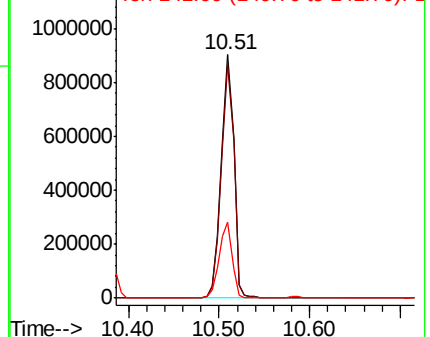
330 100

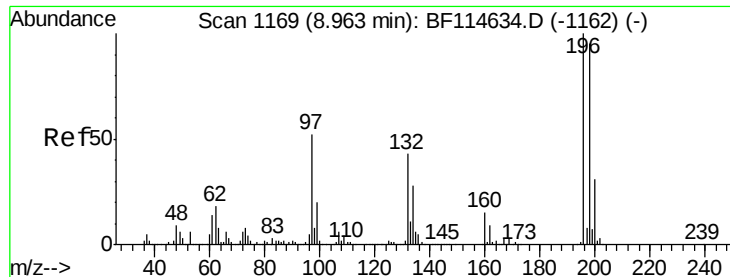
332 96.1 75.8 113.8

141 31.8 27.8 41.8



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

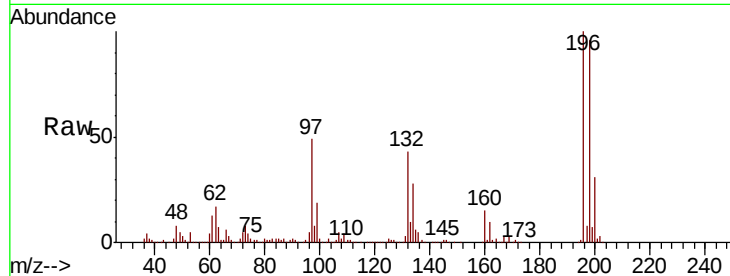




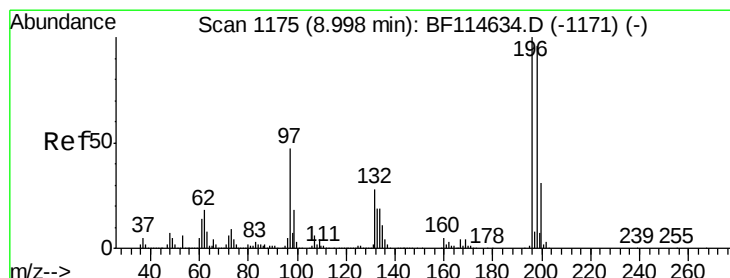
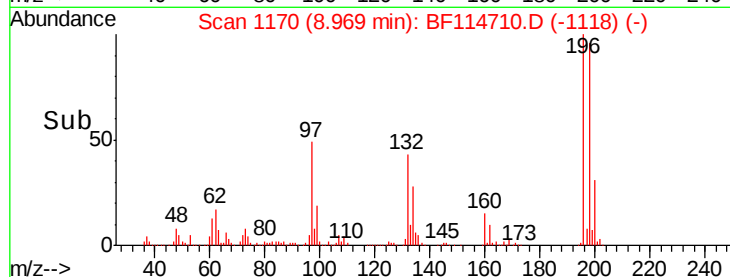
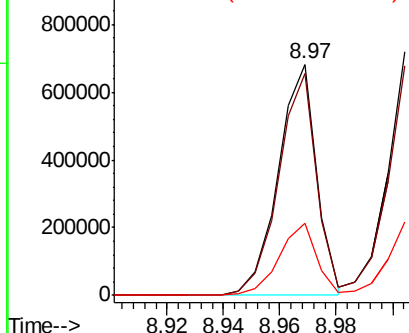
#43
 2,4,6-Trichlorophenol
 Concen: 47.032 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampled :
 TP-6MSD

Tgt Ion:196 Resp: 640649
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 200 31.3 24.7 37.1

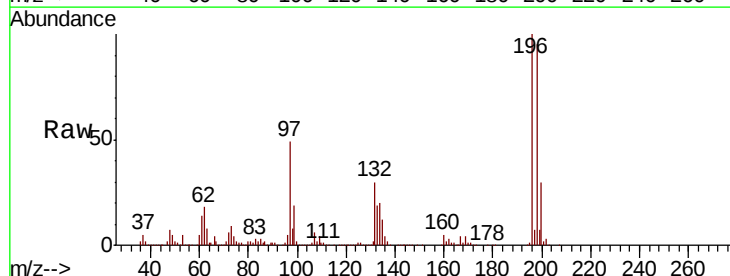


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

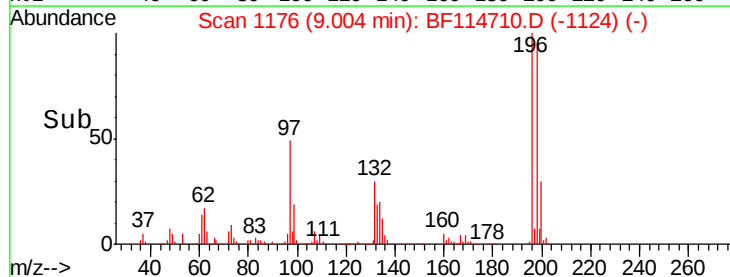
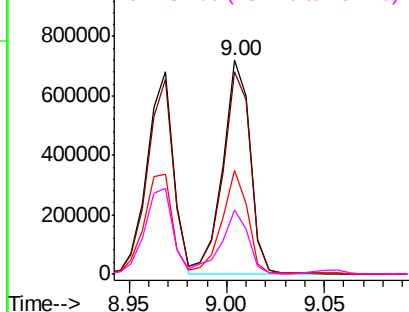


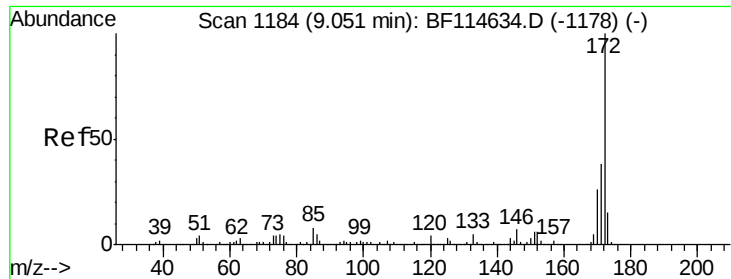
#44
 2,4,5-Trichlorophenol
 Concen: 51.125 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:196 Resp: 694939
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.8 115.2
 97 48.8 37.8 56.8
 132 30.1 22.6 33.8



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

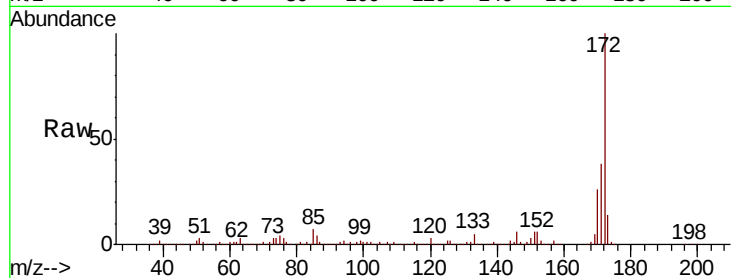




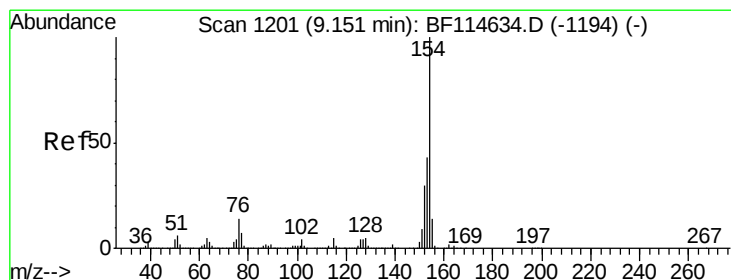
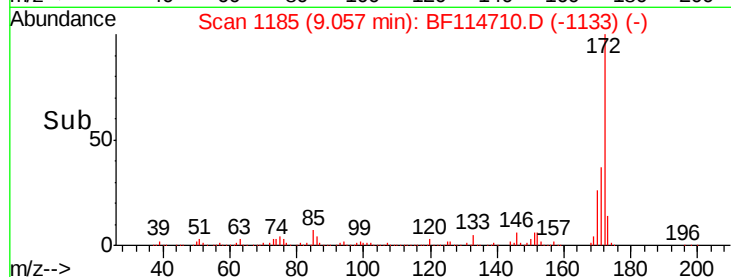
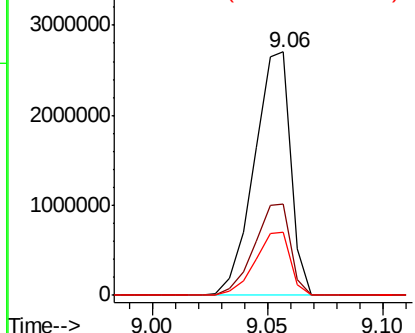
#45
 2-Fluorobiphenyl
 Concen: 86.404 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion:172 Resp: 2980965
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.6 45.8
 170 25.8 20.7 31.1

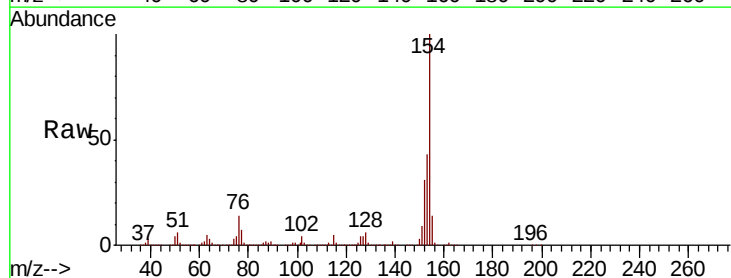


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

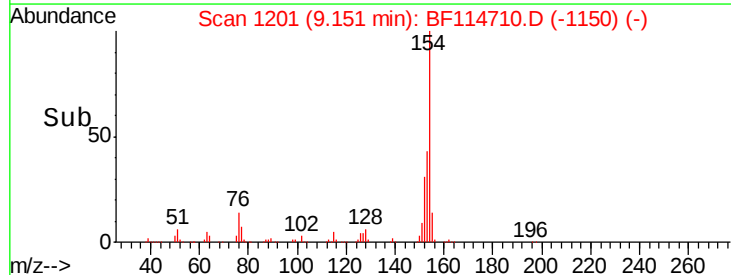
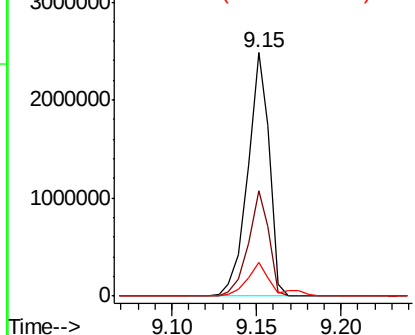


#46
 1,1'-Biphenyl
 Concen: 45.581 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:154 Resp: 2199548
 Ion Ratio Lower Upper
 154 100
 153 43.1 23.0 63.0
 76 14.0 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

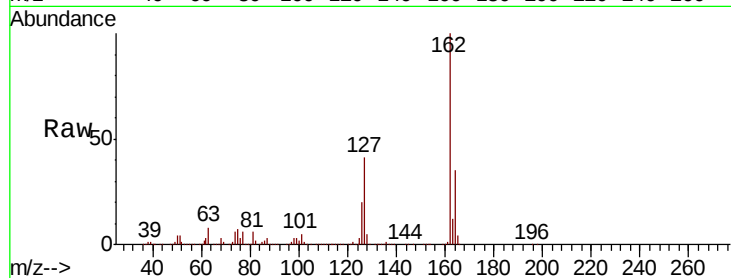




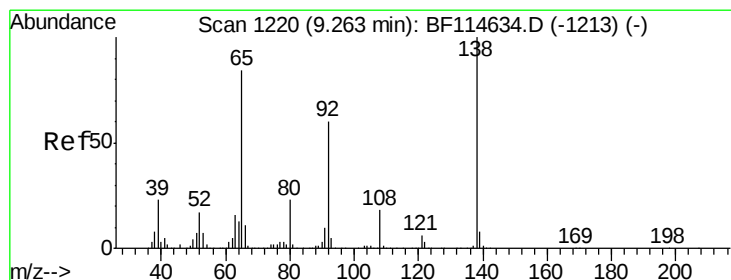
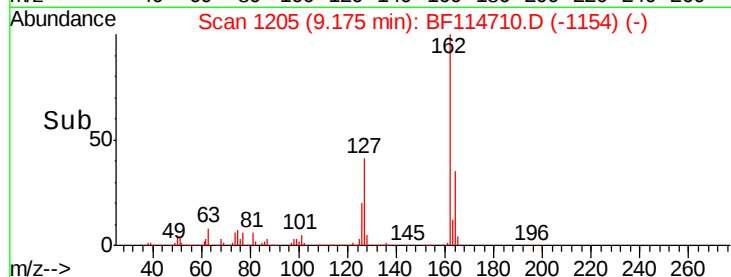
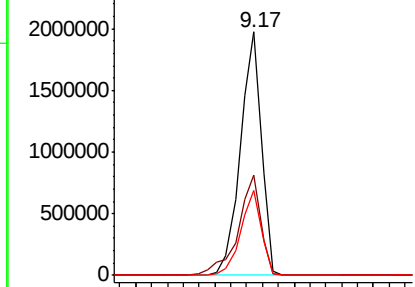
#47
 2-Chloronaphthalene
 Concen: 45.459 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion: 162 Resp: 1799438
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.2 48.2
 164 34.9 27.8 41.6

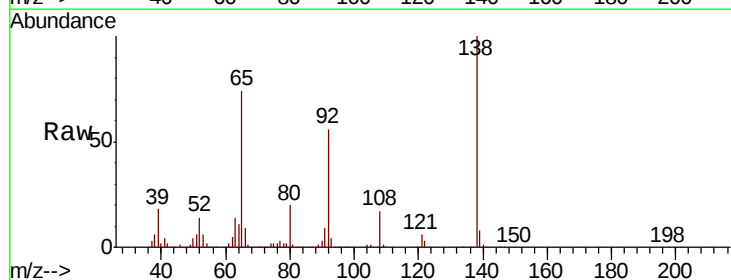


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

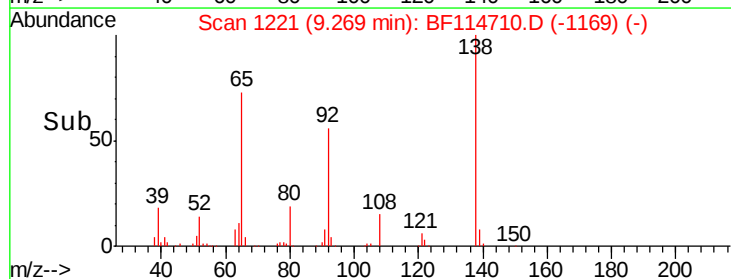
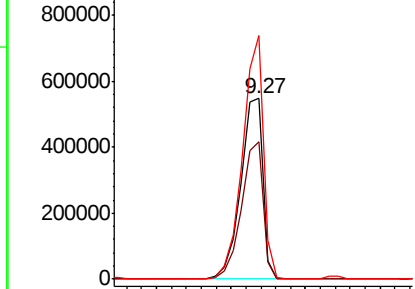


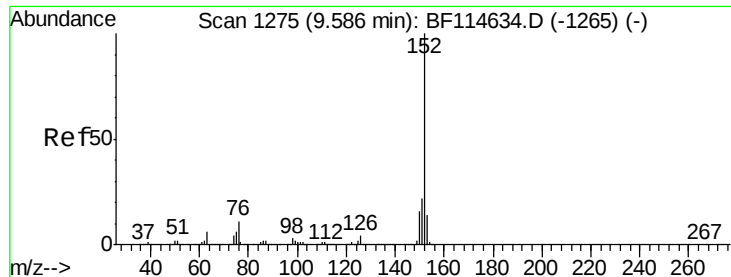
#48
 2-Nitroaniline
 Concen: 46.383 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion: 65 Resp: 566584
 Ion Ratio Lower Upper
 65 100
 92 75.7 57.1 85.7
 138 134.7 95.8 143.6



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: 45.419 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

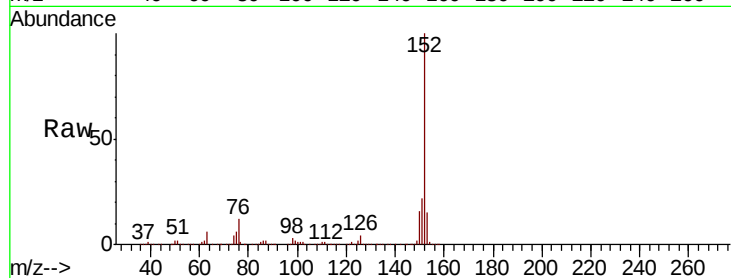
Tgt Ion:152 Resp: 2777473

Ion Ratio Lower Upper

152 100

151 22.4 17.5 26.3

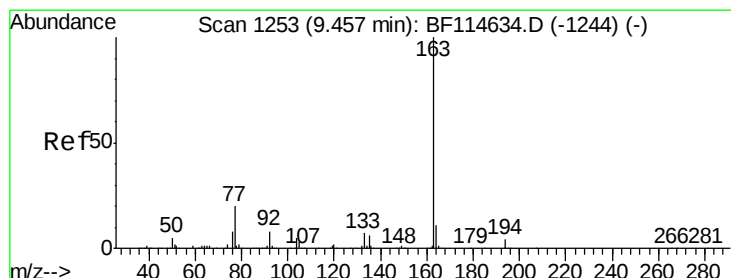
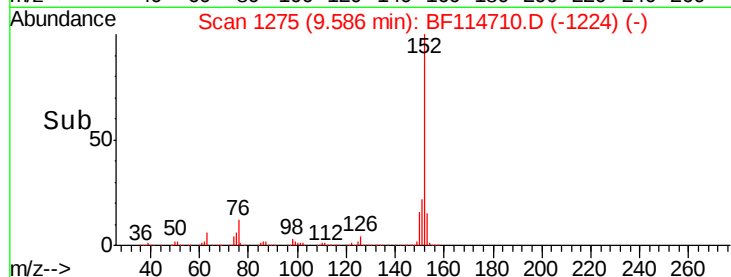
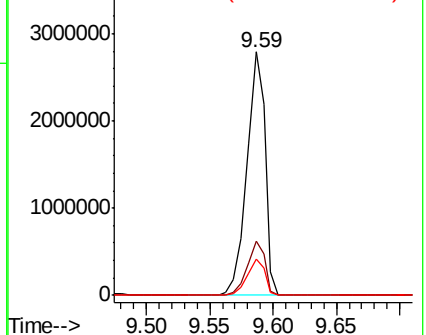
153 14.9 11.6 17.4



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: 57.629 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

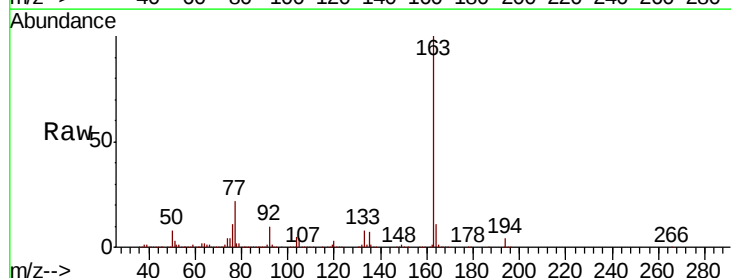
Tgt Ion:163 Resp: 2610469

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

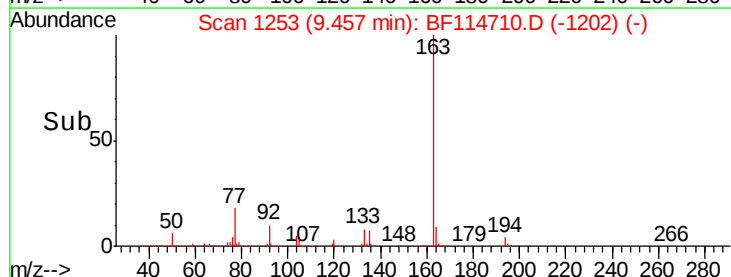
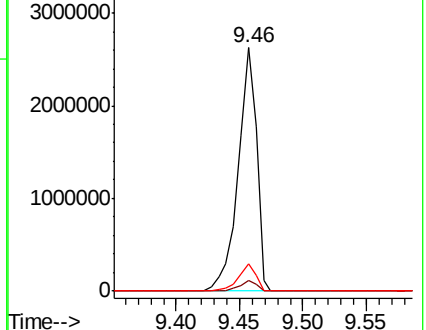
164 11.4 8.6 13.0

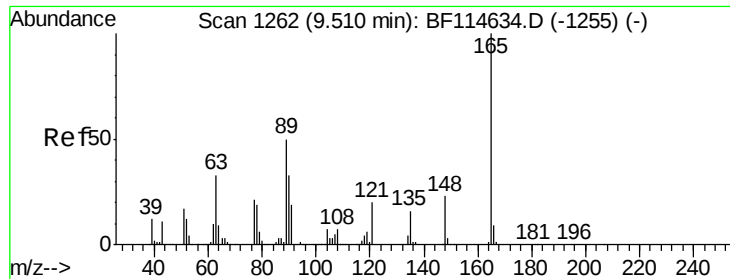


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

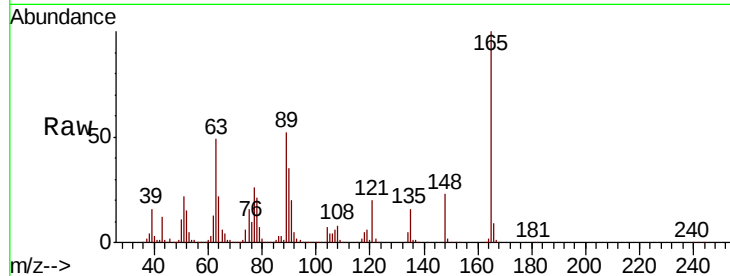




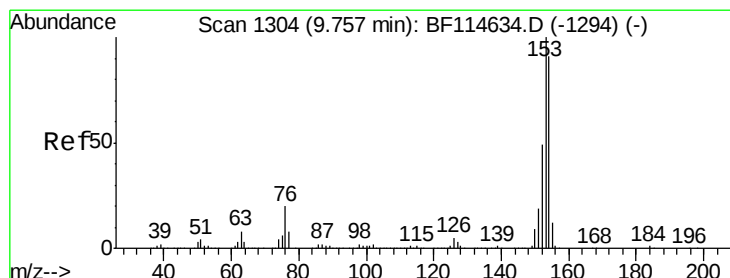
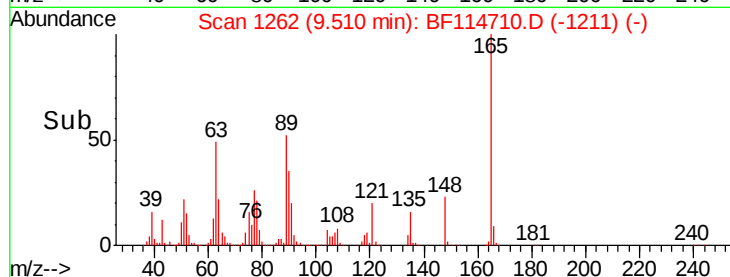
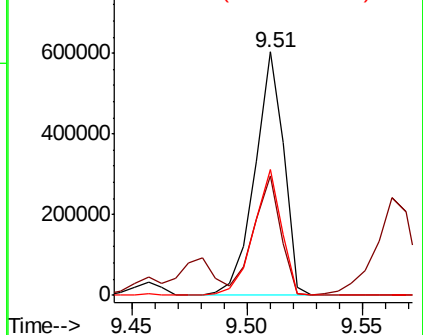
#51
 2,6-Dinitrotoluene
 Concen: 50.014 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion:165 Resp: 526421
 Ion Ratio Lower Upper
 165 100
 63 49.0 36.6 54.8
 89 51.7 40.2 60.4

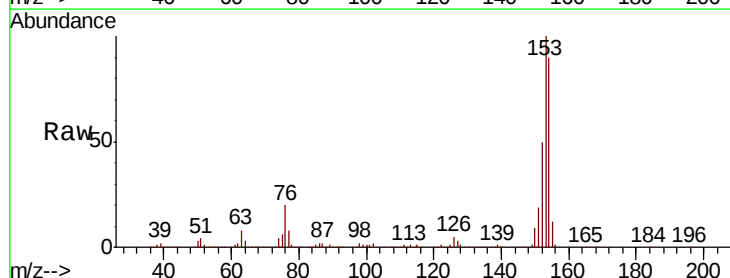


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

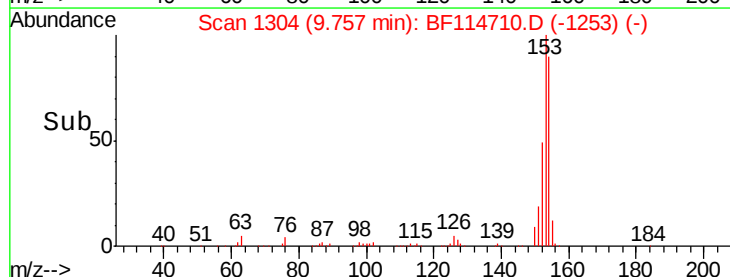
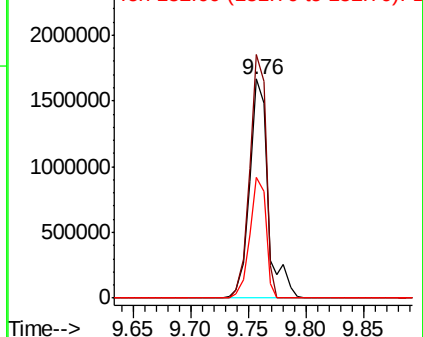


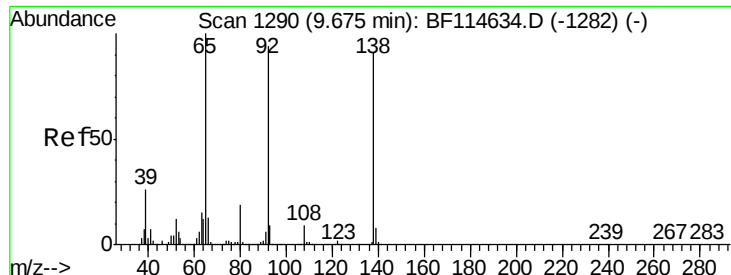
#52
 Acenaphthene
 Concen: 49.027 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:154 Resp: 1838653
 Ion Ratio Lower Upper
 154 100
 153 111.2 88.4 132.6
 152 55.1 43.4 65.0



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

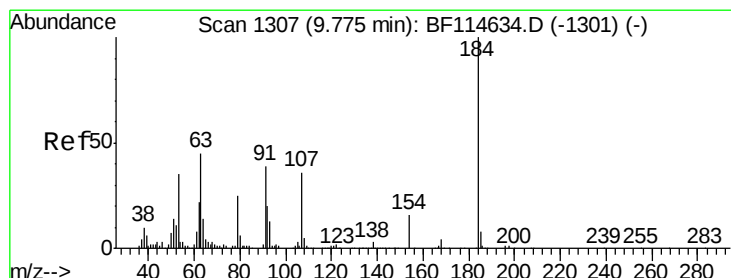
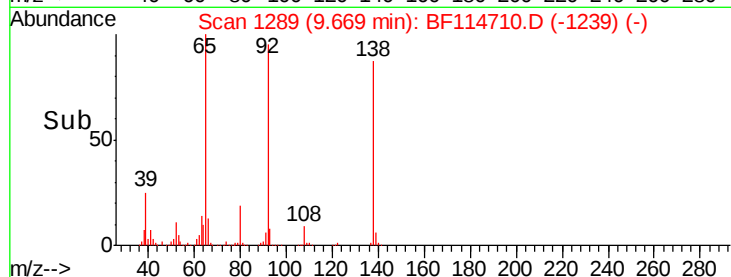
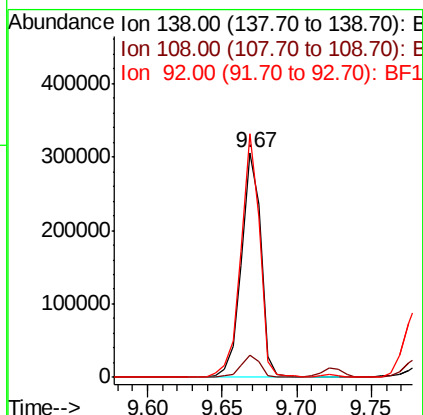
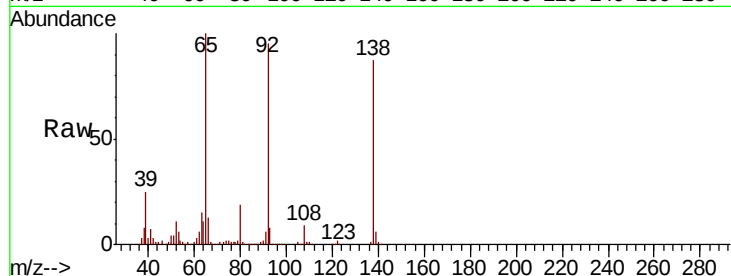




#53
 3-Nitroaniline
 Concen: 21.599 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

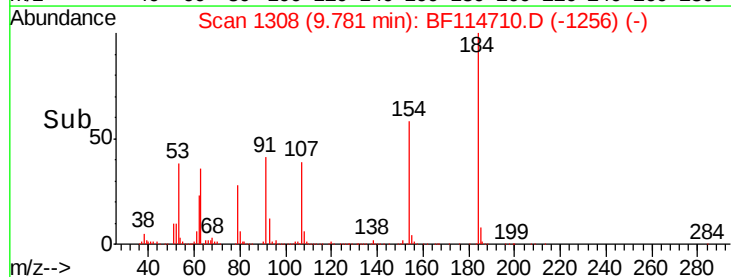
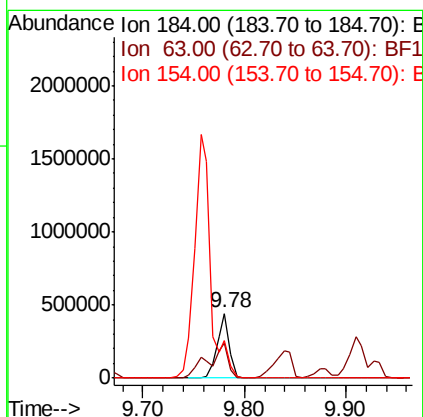
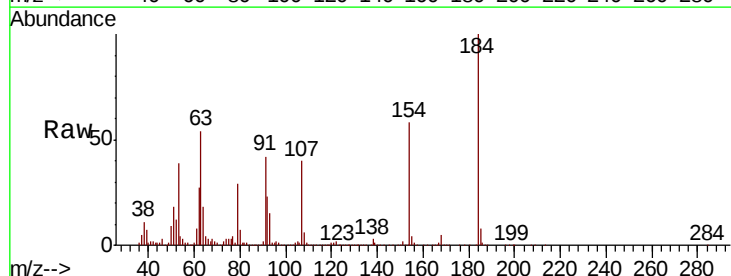
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

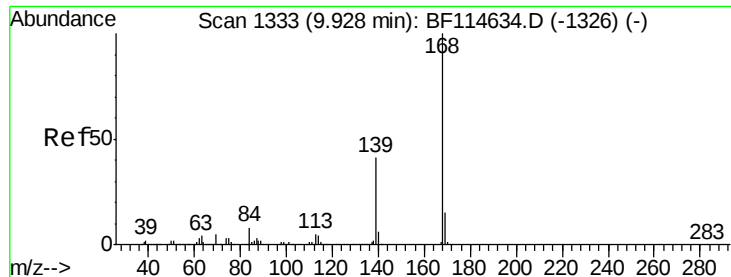
Tgt Ion:138 Resp: 278243
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.3 12.5
 92 108.3 83.1 124.7



#54
 2,4-Dinitrophenol
 Concen: 88.780 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:184 Resp: 368592
 Ion Ratio Lower Upper
 184 100
 63 54.2 38.8 58.2
 154 58.1 43.7 65.5

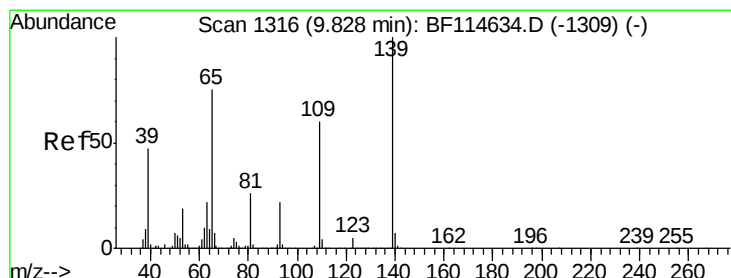
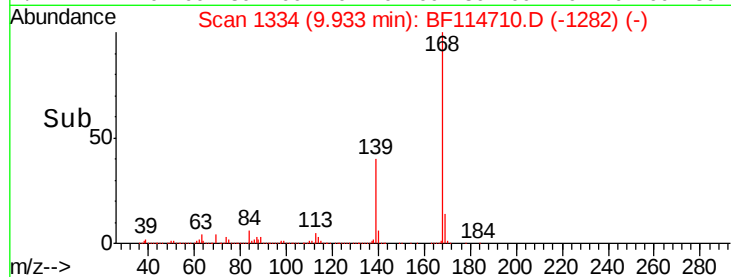
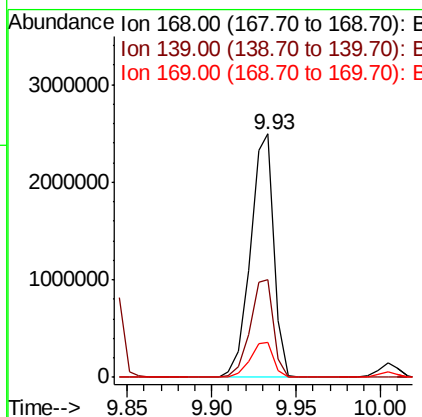
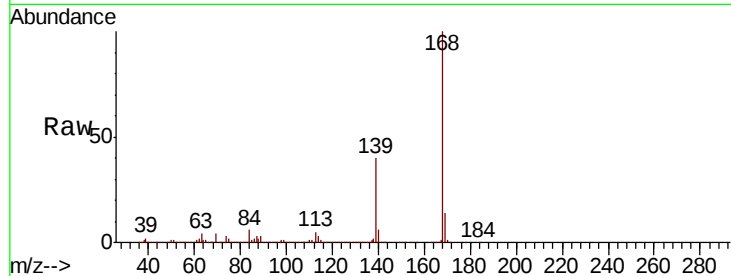




#55
Dibenzofuran
Concen: 45.198 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

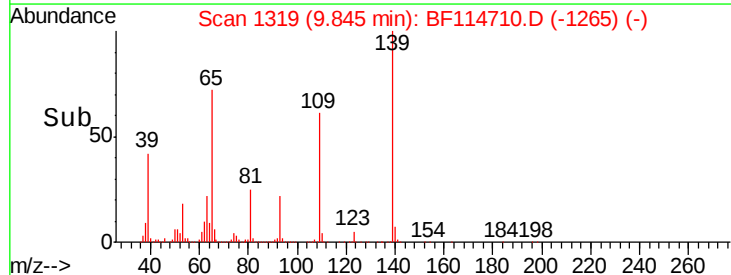
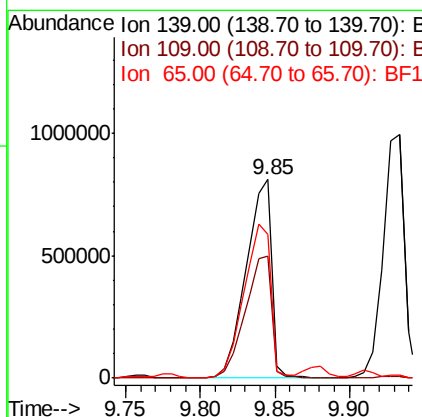
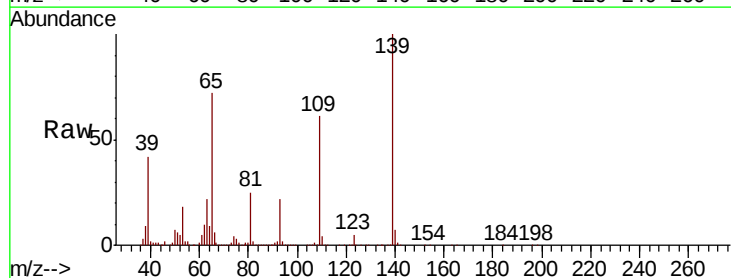
Instrument :
BNA_F
ClientSampleId :
TP-6MSD

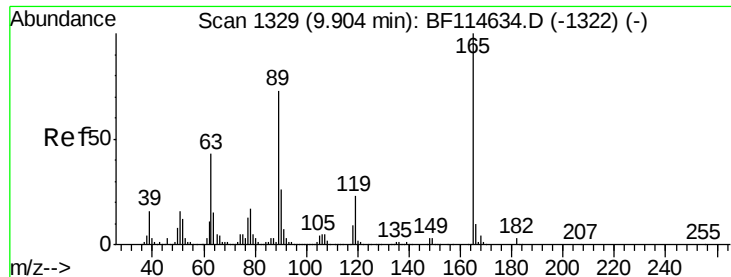
Tgt Ion:168 Resp: 2412823
Ion Ratio Lower Upper
168 100
139 39.9 32.6 48.8
169 14.2 11.8 17.8



#56
4-Nitrophenol
Concen: 100.337 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:139 Resp: 957857
Ion Ratio Lower Upper
139 100
109 61.3 40.4 80.4
65 72.4 54.7 94.7

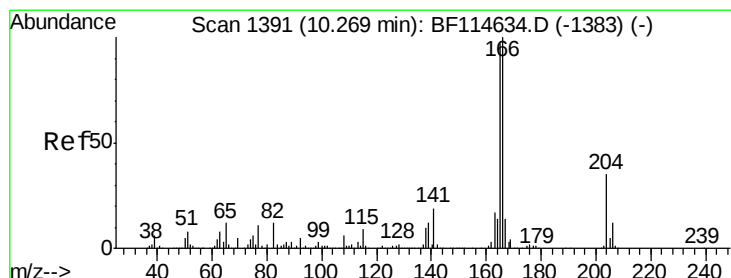
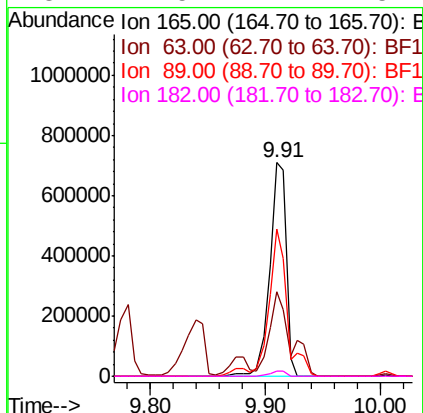
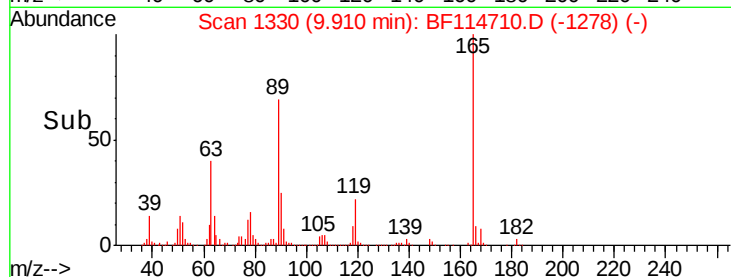
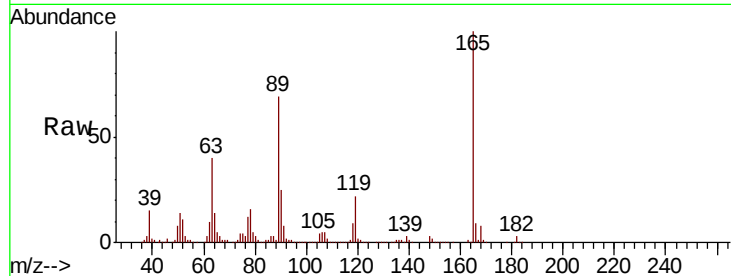




#57
 2,4-Dinitrotoluene
 Concen: 52.808 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

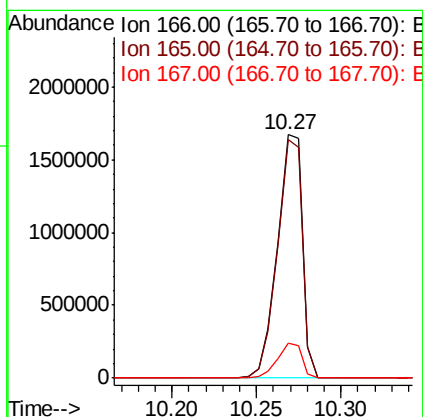
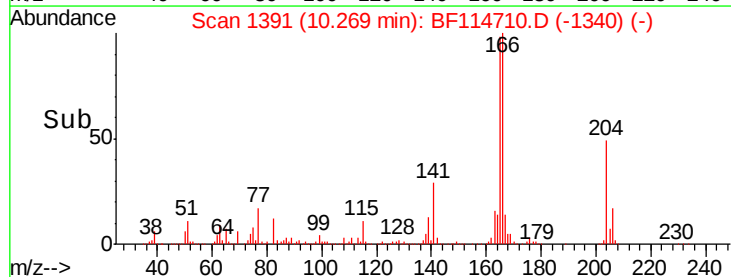
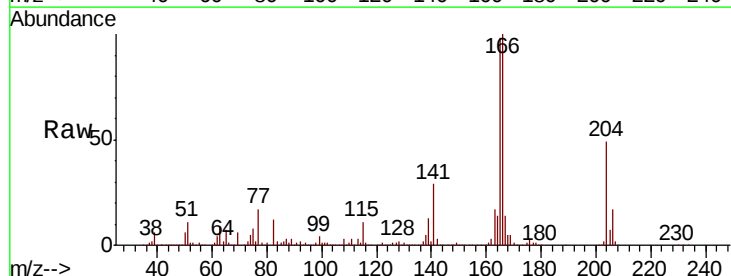
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tgt Ion:	165	Resp:	713361
Ion	Ratio	Lower	Upper
165	100		
63	39.8	34.8	52.2
89	68.8	58.5	87.7
182	2.5	2.2	3.2



#58
 Fluorene
 Concen: 50.492 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:	166	Resp:	1726890
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.6	116.4
167	14.2	11.2	16.8

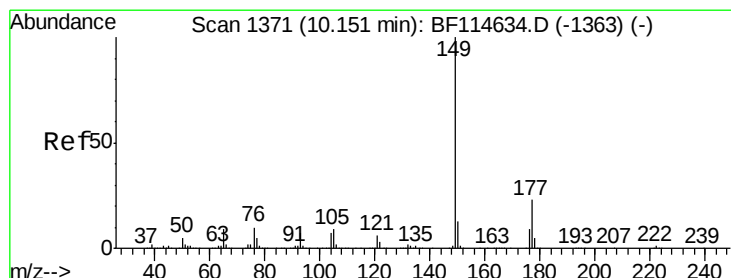
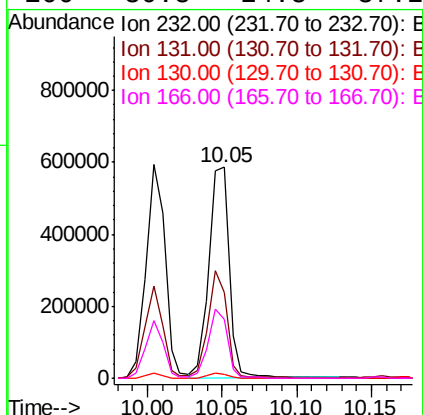
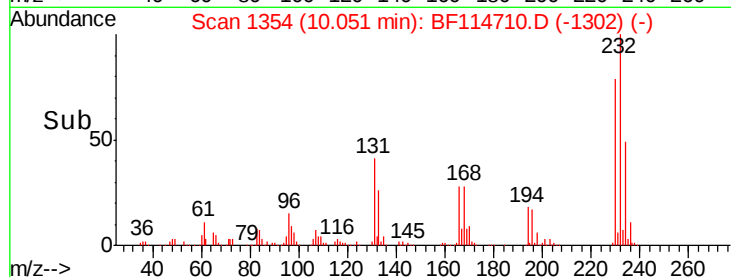
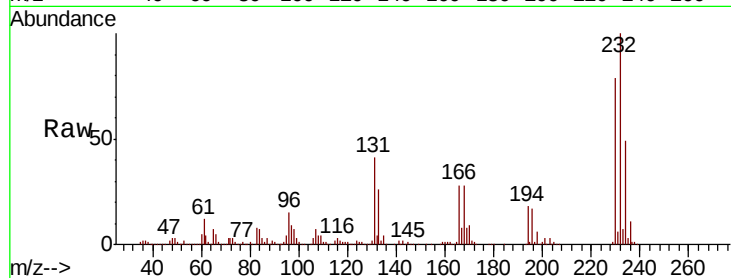




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.836 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

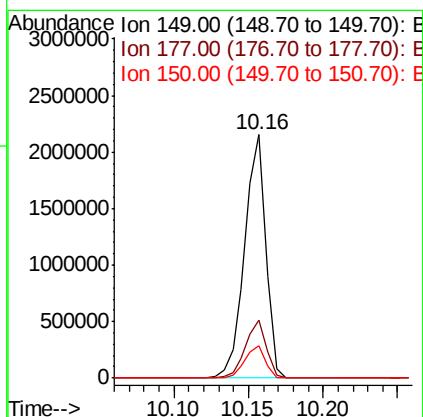
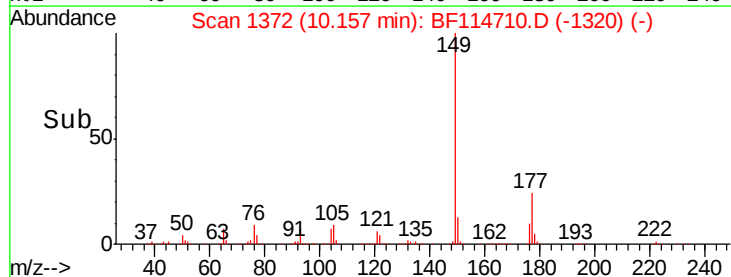
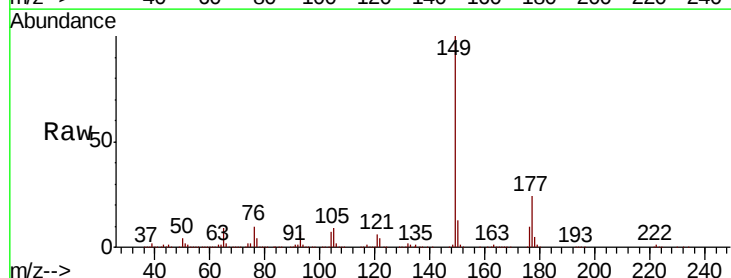
Instrument :
BNA_F
ClientSampleId :
TP-6MSD

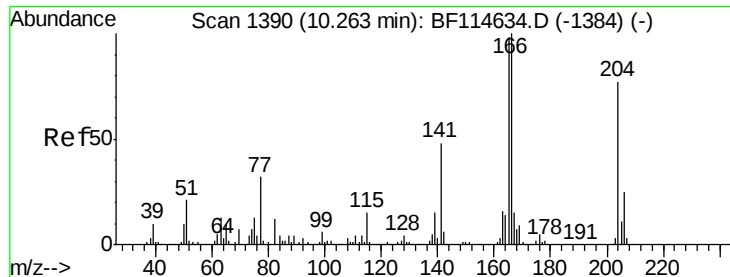
Tgt Ion:232 Resp: 554482
Ion Ratio Lower Upper
232 100
131 47.3 37.2 55.8
130 2.3 1.8 2.8
166 30.8 24.8 37.2



#60
Diethylphthalate
Concen: 45.672 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:149 Resp: 2113002
Ion Ratio Lower Upper
149 100
177 24.0 18.6 28.0
150 13.1 10.6 15.8

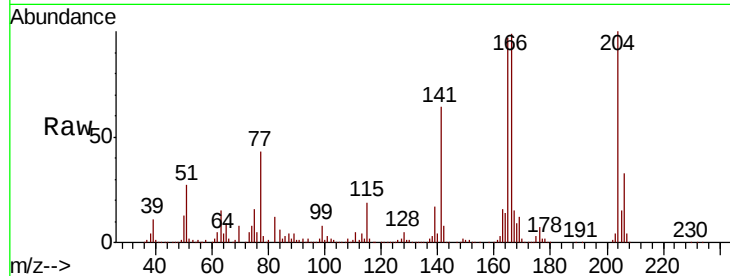




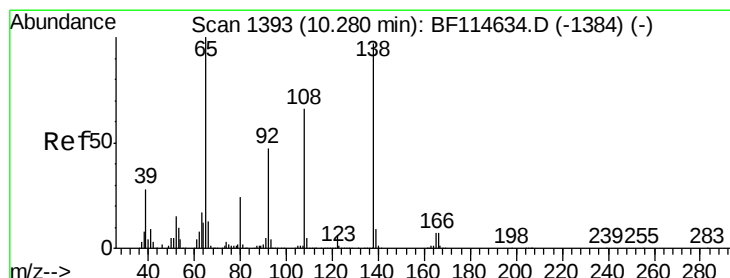
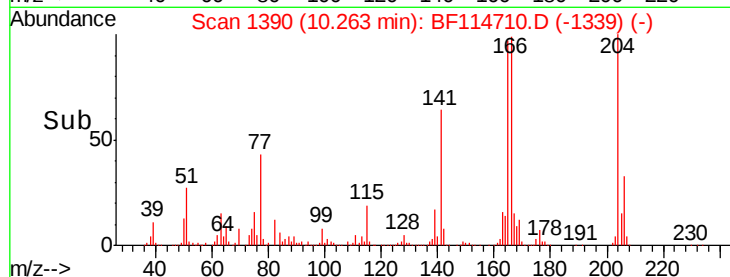
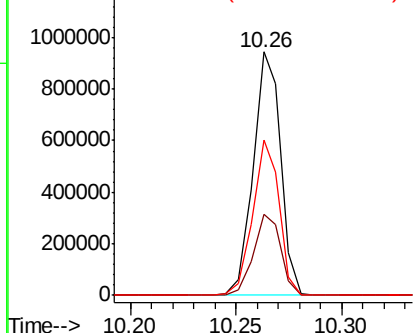
#61
4-Chlorophenyl-phenylether
Concen: 48.839 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tgt Ion:204 Resp: 850242
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 63.9 50.0 75.0

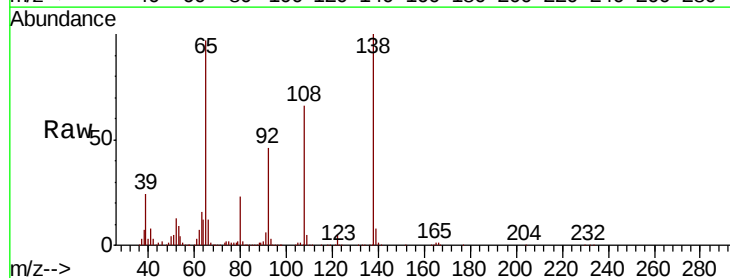


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

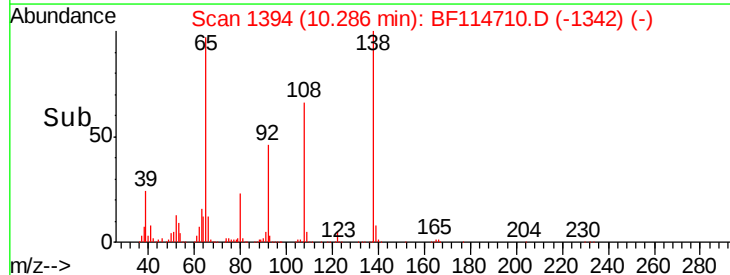
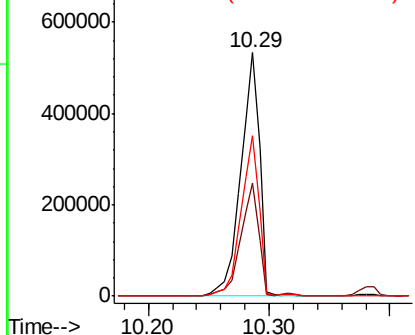


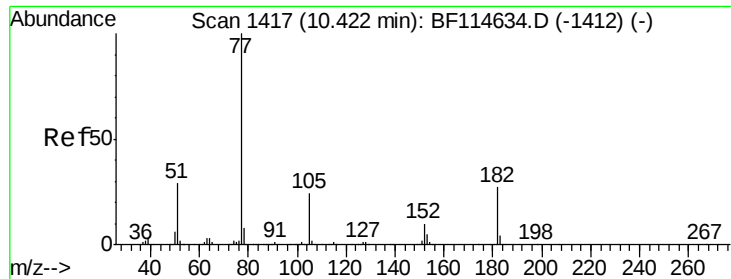
#62
4-Nitroaniline
Concen: 46.049 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:138 Resp: 578052
Ion Ratio Lower Upper
138 100
92 46.4 28.0 68.0
108 65.9 48.4 88.4



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





#63

Azobenzene

Concen: 44.643 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tgt Ion: 77 Resp: 1896285

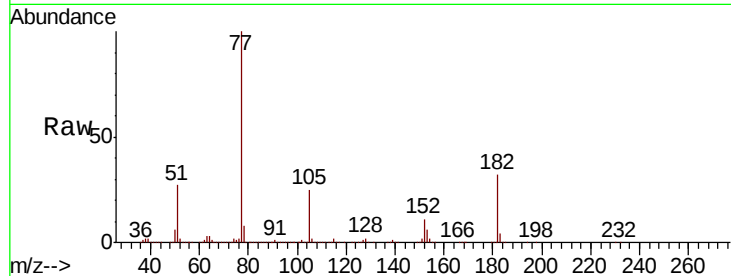
Ion Ratio Lower Upper

77 100

182 32.0 7.0 47.0

105 25.3 3.7 43.7

51 27.2 9.1 49.1

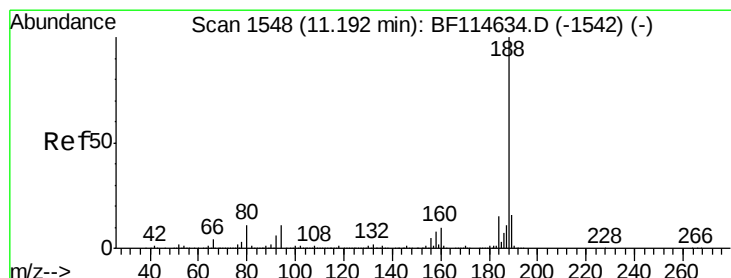
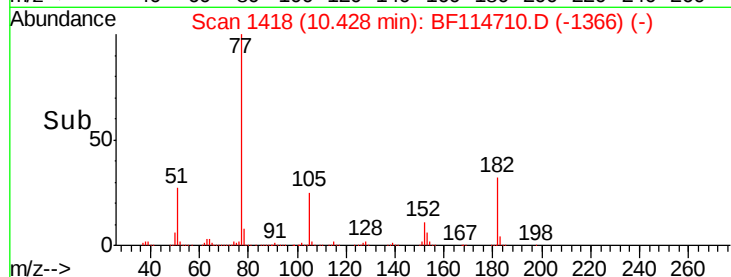
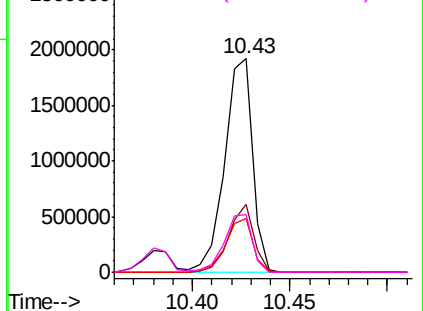


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

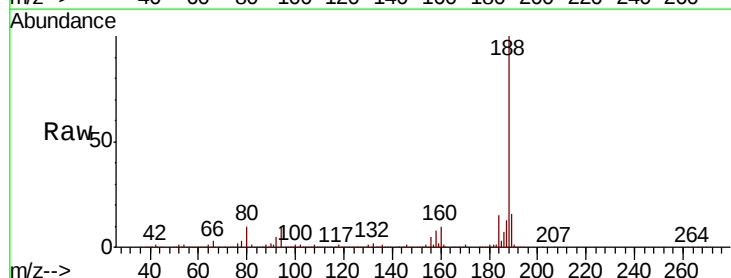
Tgt Ion: 188 Resp: 1308144

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

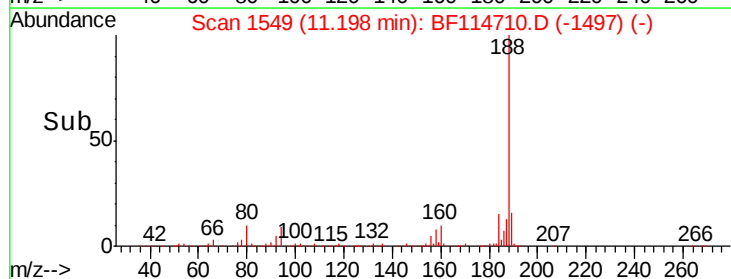
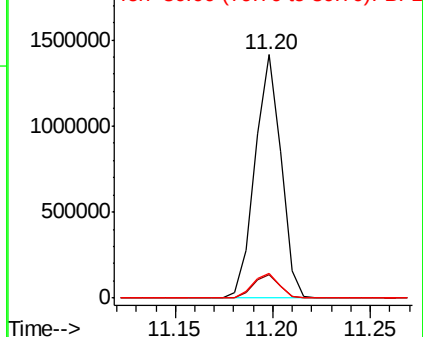
80 10.2 9.0 13.6

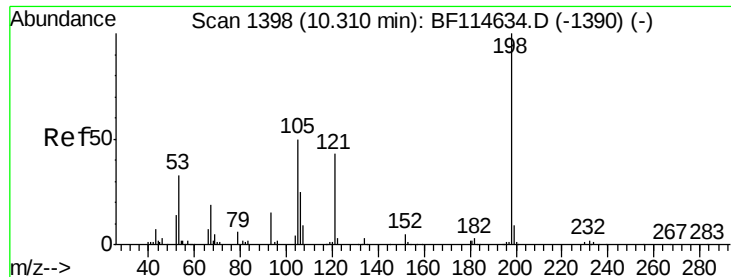


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

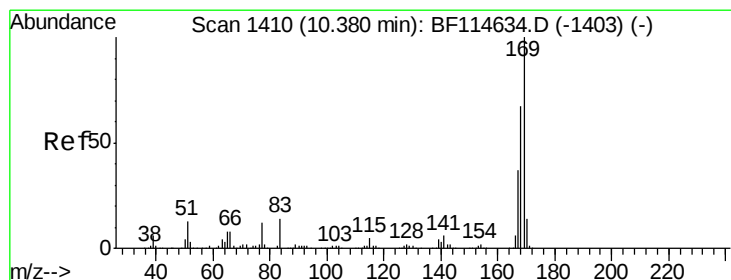
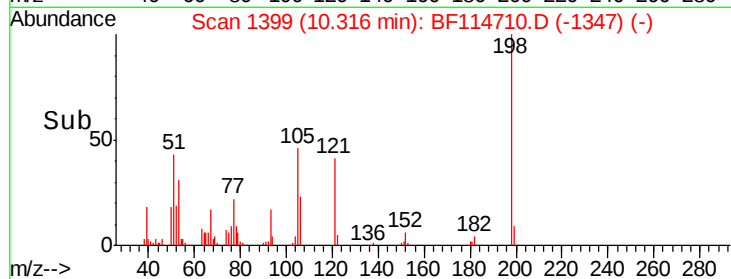
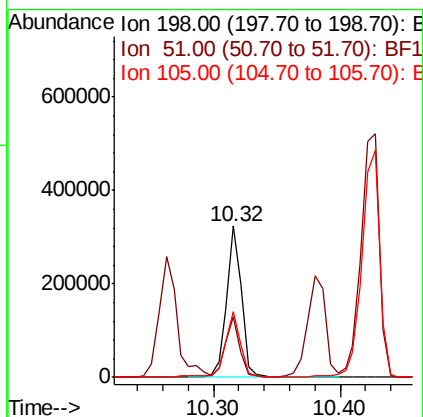
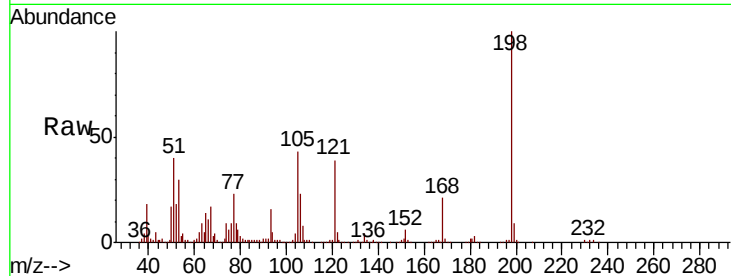




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.148 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

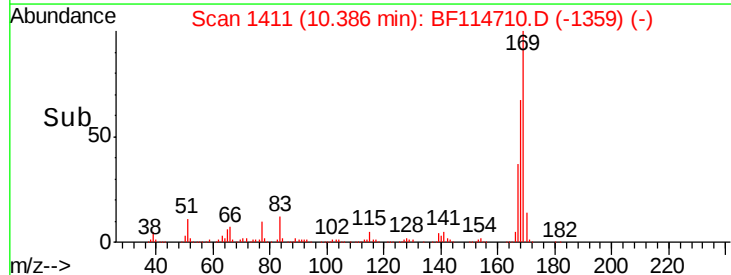
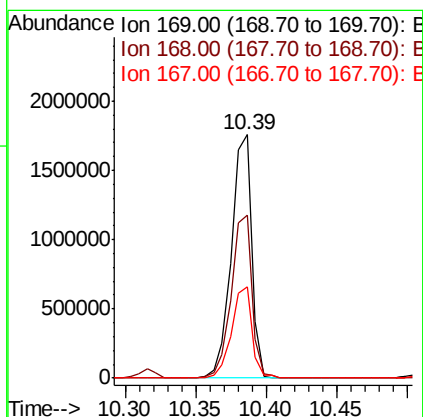
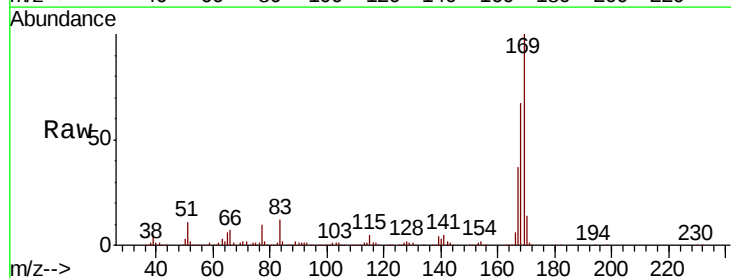
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

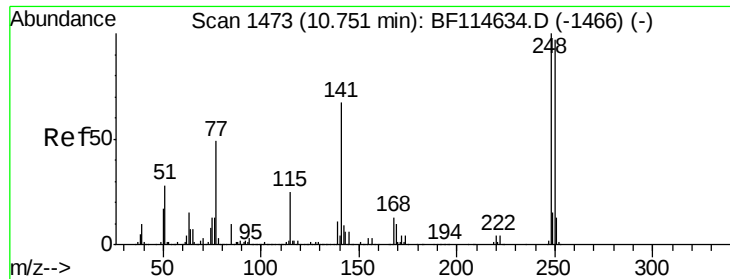
Tgt Ion:198 Resp: 261879
 Ion Ratio Lower Upper
 198 100
 51 40.3 29.0 69.0
 105 43.3 30.4 70.4



#66
 n-Nitrosodiphenylamine
 Concen: 45.644 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:169 Resp: 1764116
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.8
 167 37.5 29.8 44.6

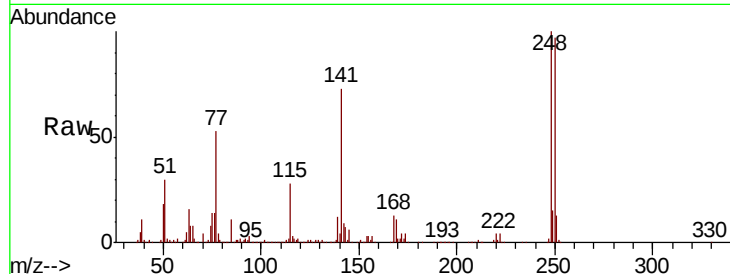




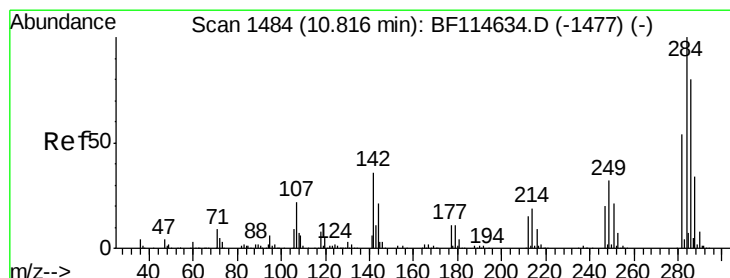
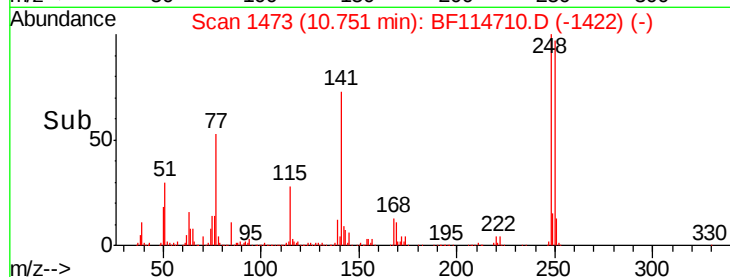
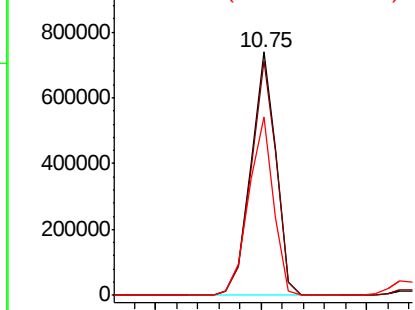
#67
4-Bromophenyl-phenylether
Concen: 43.630 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

Tgt Ion:248 Resp: 612049
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 73.5 53.8 80.8

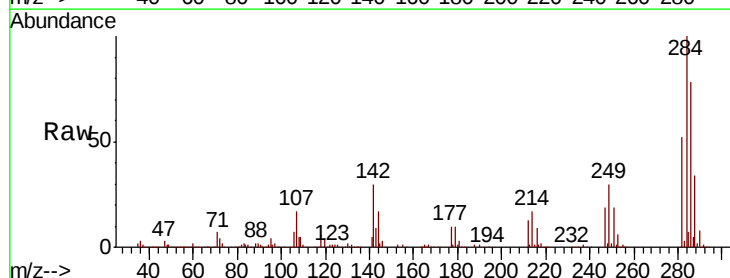


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

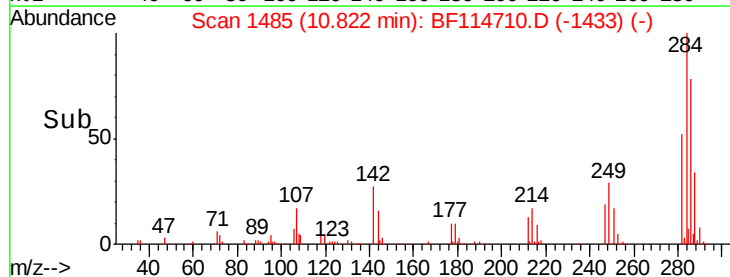
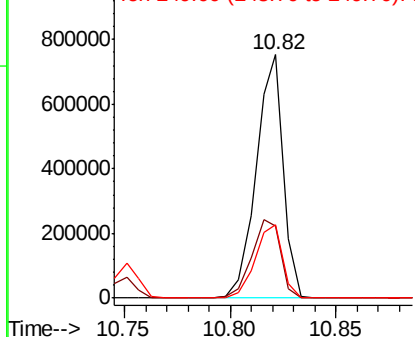


#68
Hexachlorobenzene
Concen: 43.996 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:284 Resp: 668483
Ion Ratio Lower Upper
284 100
142 29.8 28.9 43.3
249 30.2 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.765 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampled :

TP-6MSD

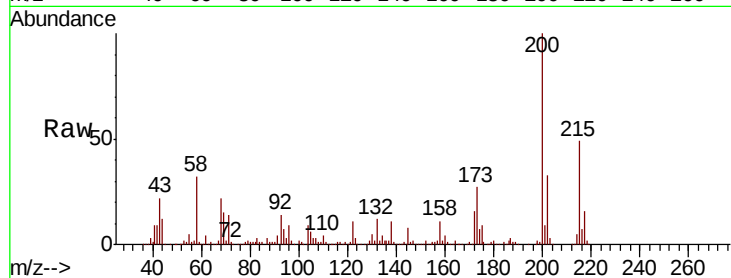
Tgt Ion:200 Resp: 611236

Ion Ratio Lower Upper

200 100

173 27.2 7.9 47.9

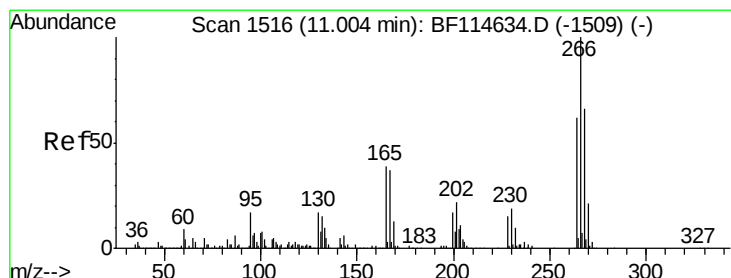
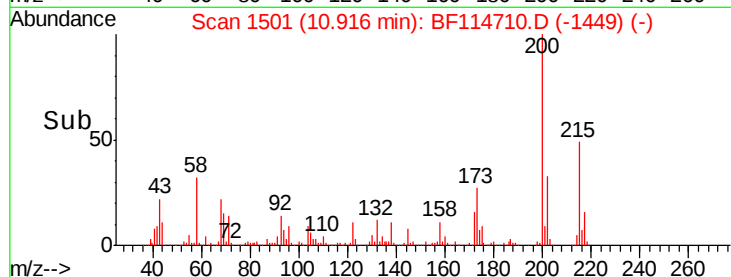
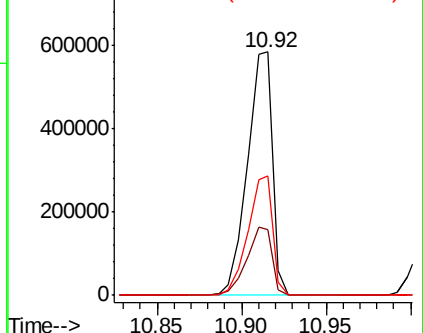
215 48.9 27.8 67.8



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: 80.301 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

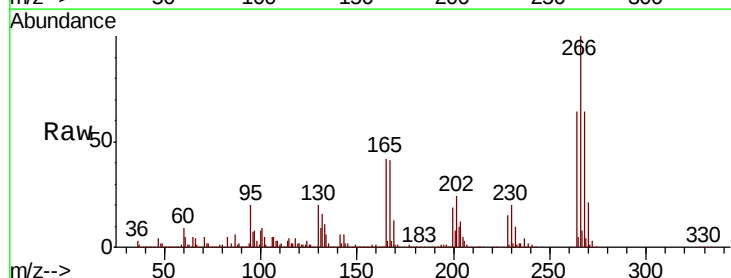
Tgt Ion:266 Resp: 703327

Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

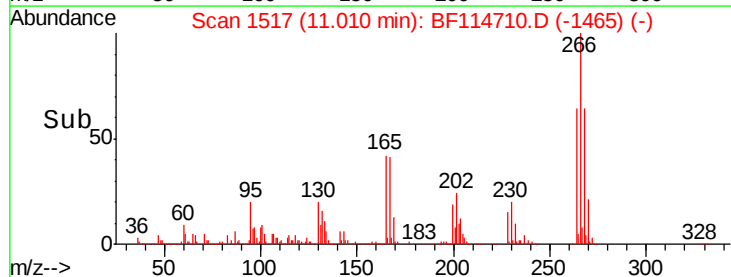
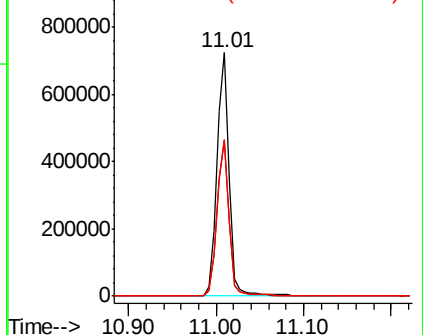
264 64.4 49.9 74.9

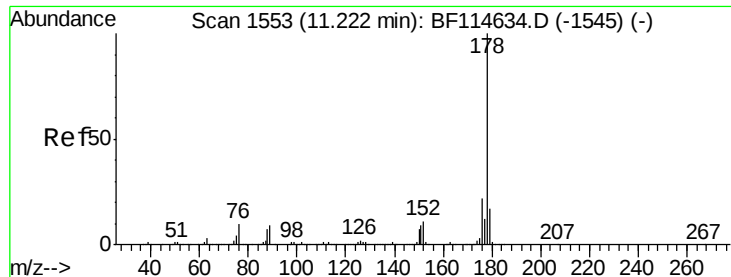


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

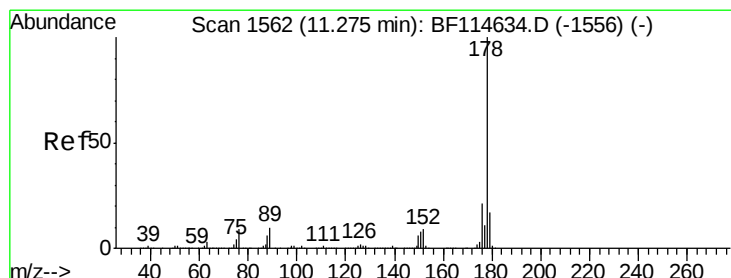
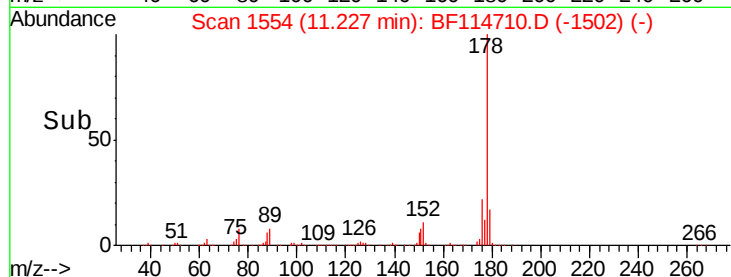
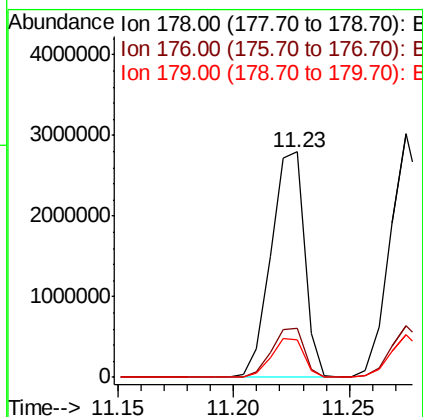
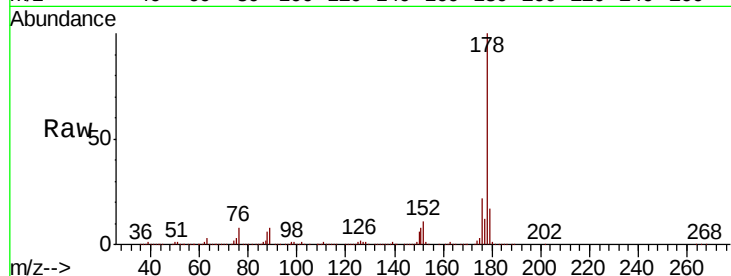




#71
Phenanthrene
Concen: 42.185 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

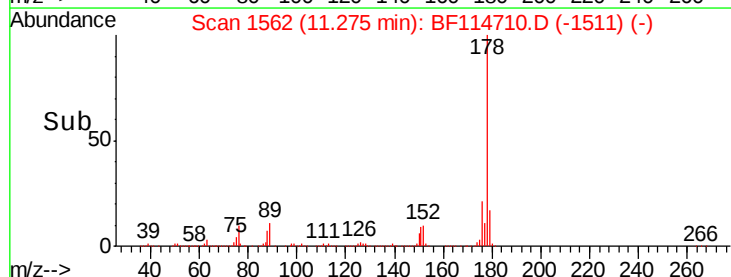
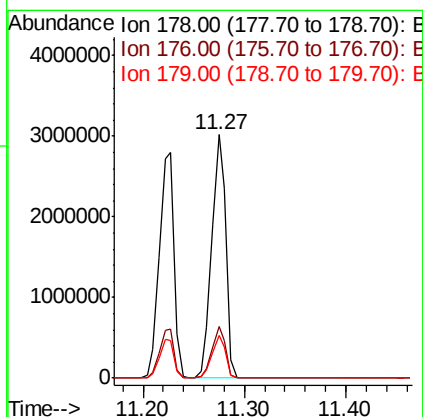
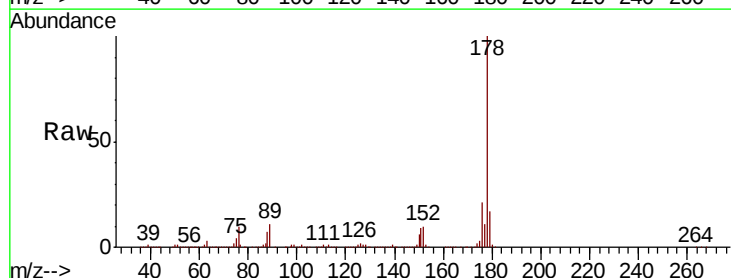
Instrument :
BNA_F
ClientSampleId :
TP-6MSD

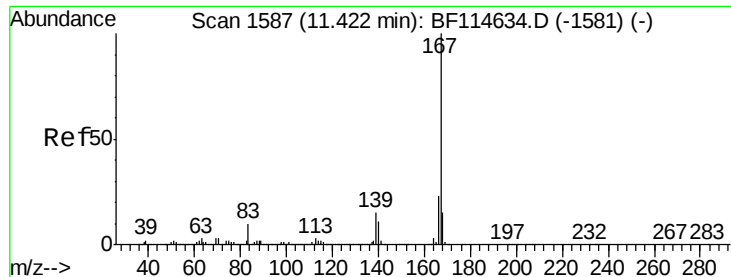
Tgt Ion:178 Resp: 2815032
Ion Ratio Lower Upper
178 100
176 21.6 17.2 25.8
179 16.8 13.9 20.9



#72
Anthracene
Concen: 43.150 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:178 Resp: 2914287
Ion Ratio Lower Upper
178 100
176 21.3 16.6 24.8
179 17.5 13.4 20.0

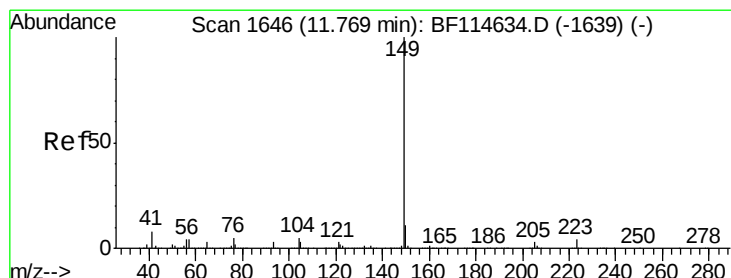
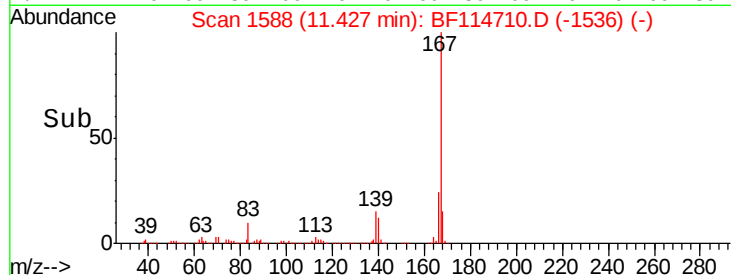
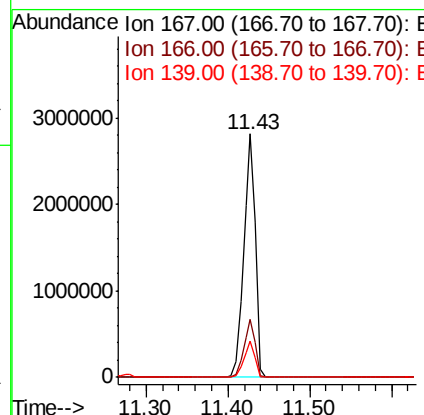
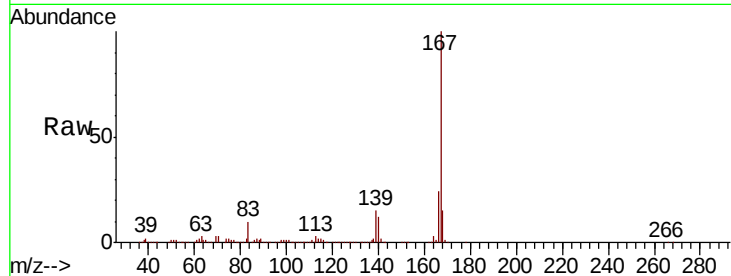




#73
 Carbazole
 Concen: 46.494 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

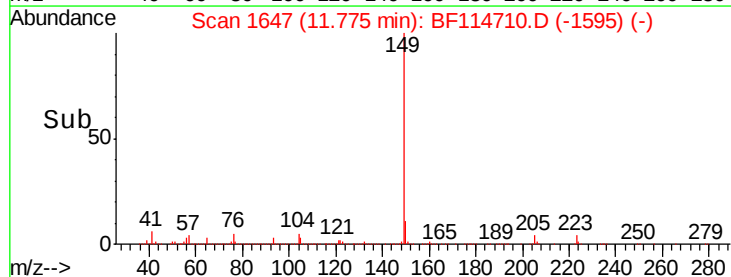
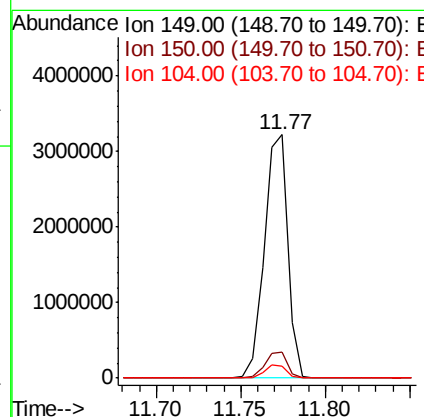
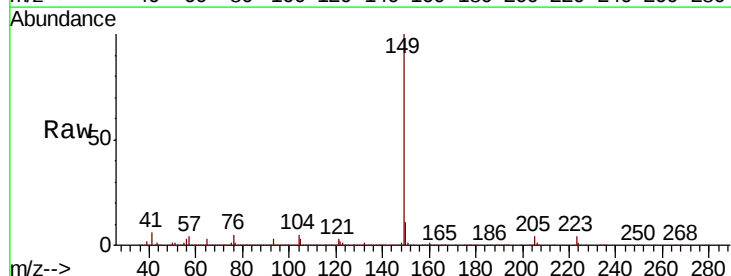
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

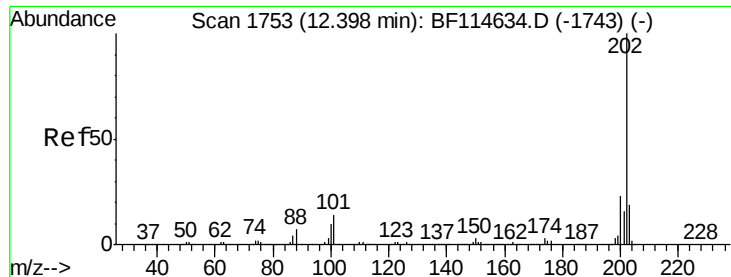
Tgt Ion:167 Resp: 2759721
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.7 28.1
 139 15.1 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 42.712 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:149 Resp: 3099812
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.6 12.8
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 43.155 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

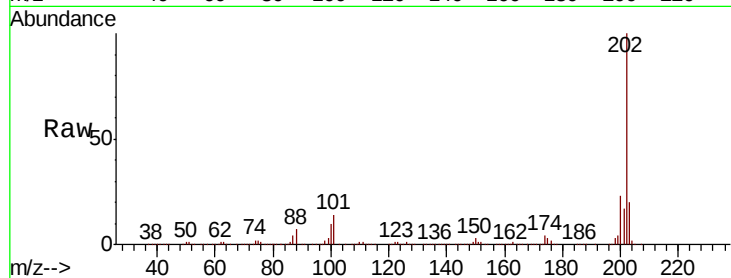
Tgt Ion:202 Resp: 2981921

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.9

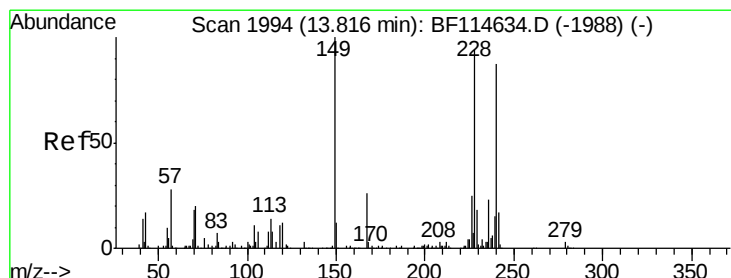
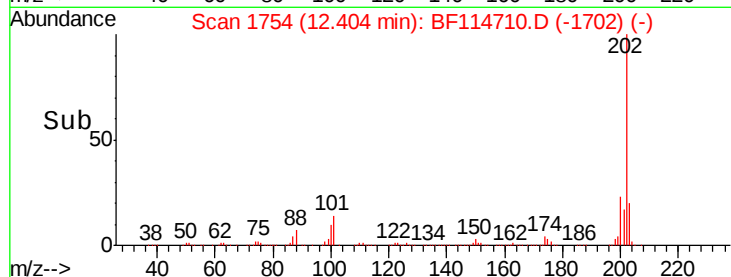
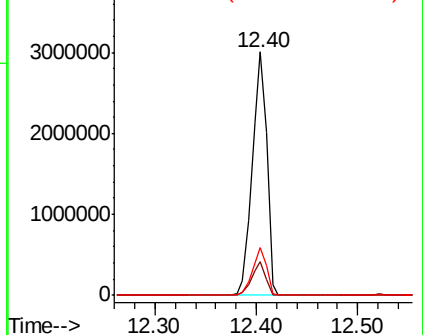
203 19.7 0.0 39.1



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: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

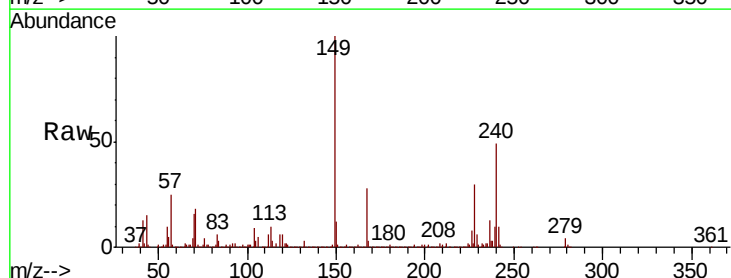
Tgt Ion:240 Resp: 819653

Ion Ratio Lower Upper

240 100

120 12.1 11.2 16.8

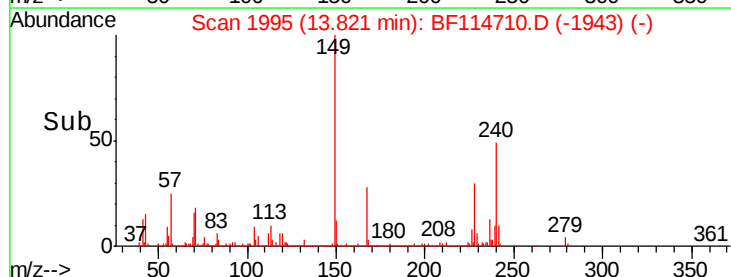
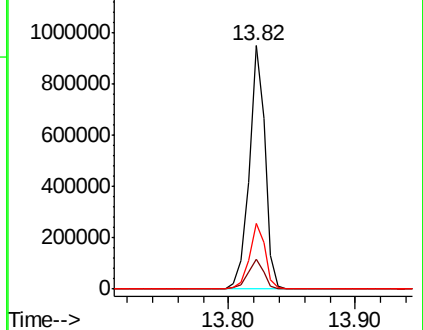
236 27.1 21.2 31.8

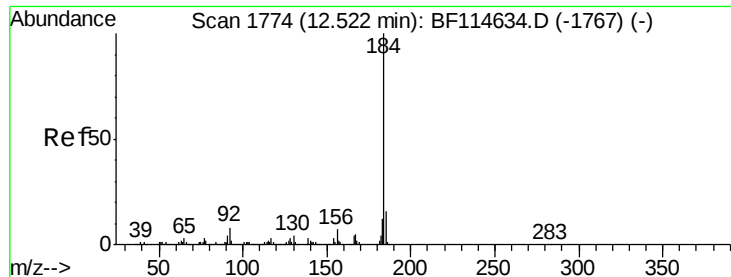


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.332 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

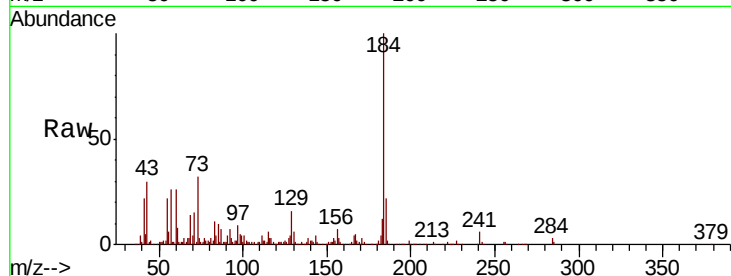
Tgt Ion:184 Resp: 348718

Ion Ratio Lower Upper

184 100

185 21.5 12.6 18.8#

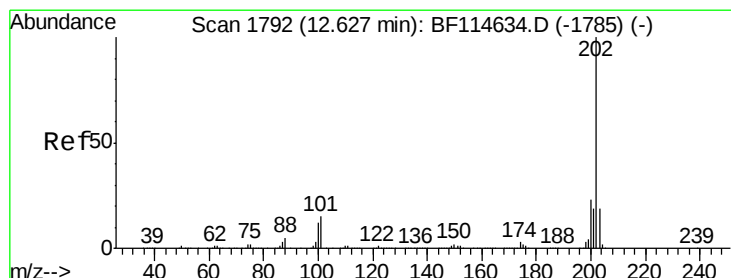
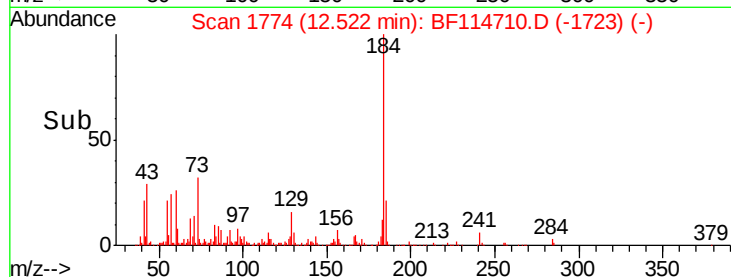
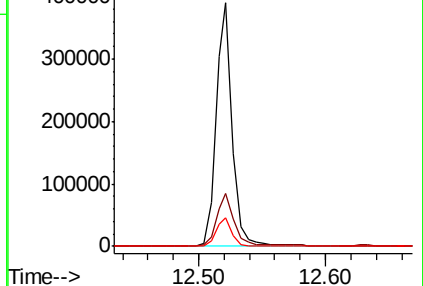
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.320 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

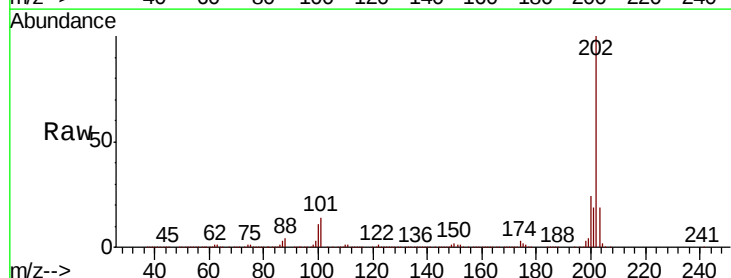
Tgt Ion:202 Resp: 3003680

Ion Ratio Lower Upper

202 100

200 24.0 18.6 28.0

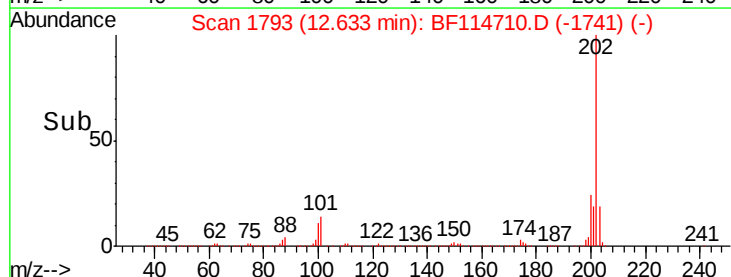
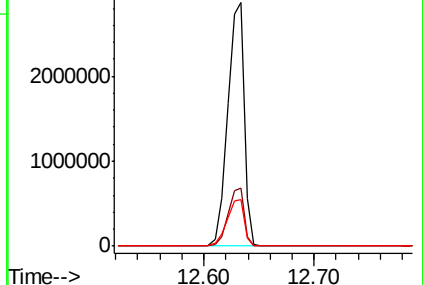
203 19.3 15.4 23.2

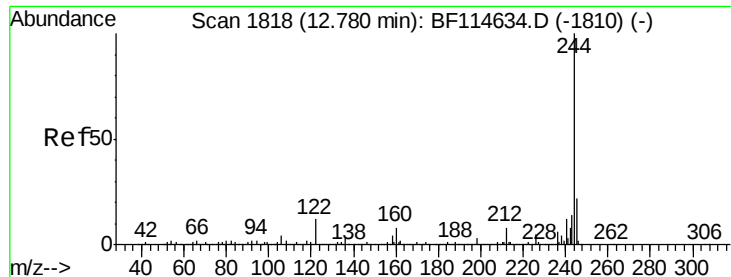


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.538 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

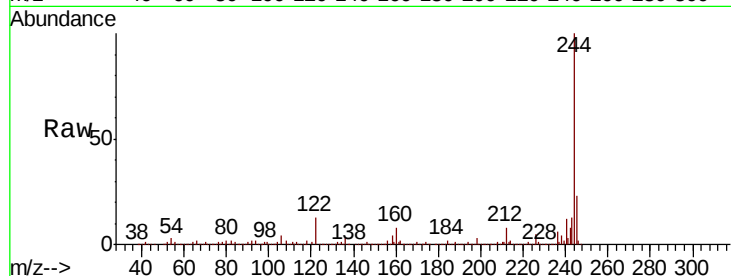
Tgt Ion:244 Resp: 3511068

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

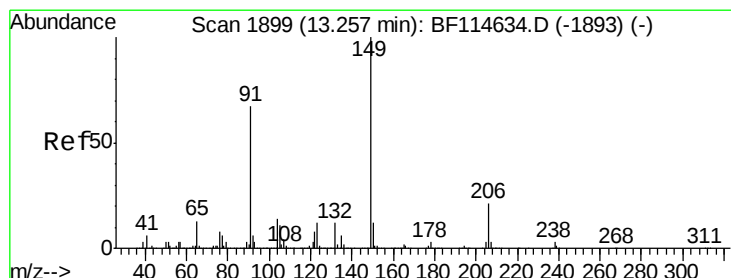
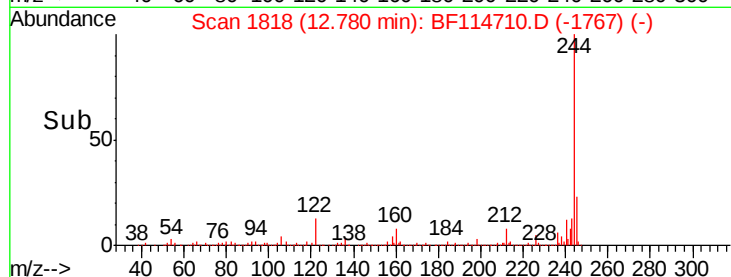
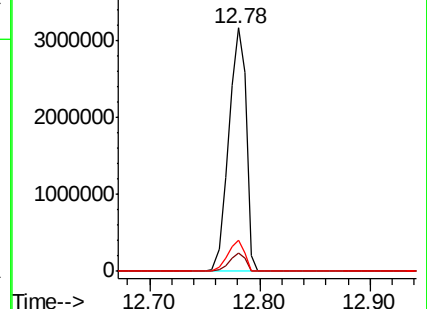
122 13.0 9.8 14.8



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: 44.055 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

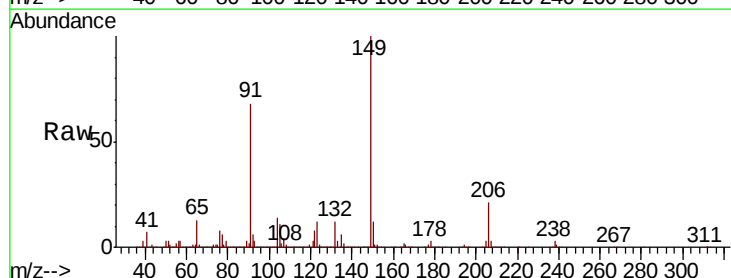
Tgt Ion:149 Resp: 1535124

Ion Ratio Lower Upper

149 100

91 67.7 53.8 80.8

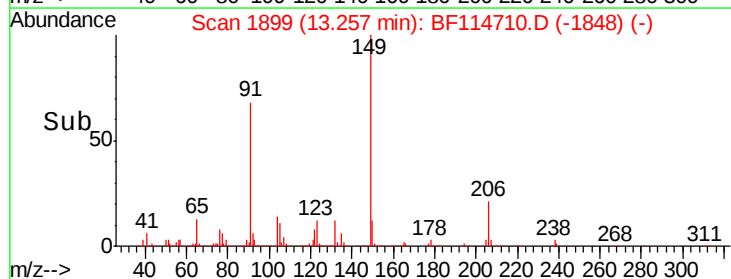
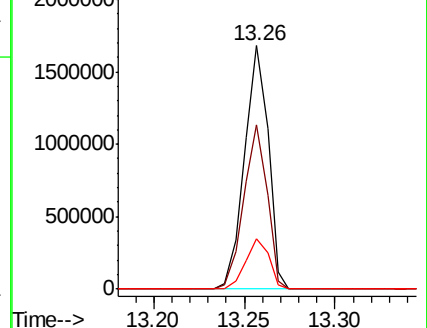
206 20.5 16.9 25.3



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: 42.106 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

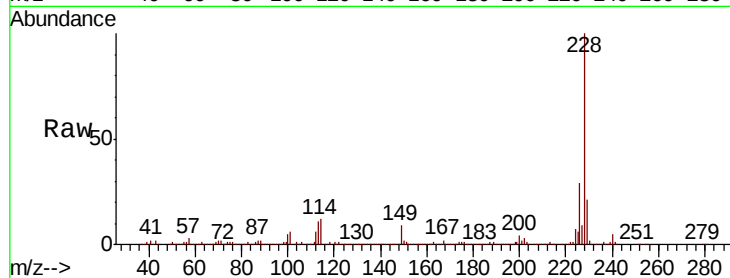
Tgt Ion:228 Resp: 2652139

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

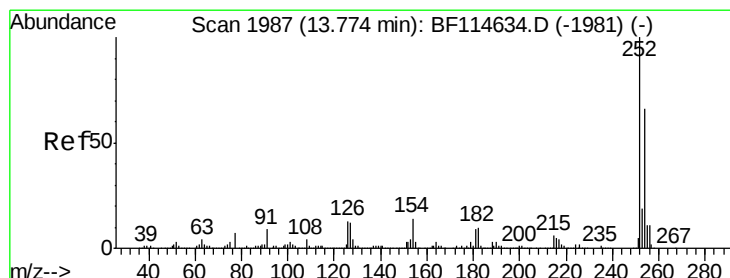
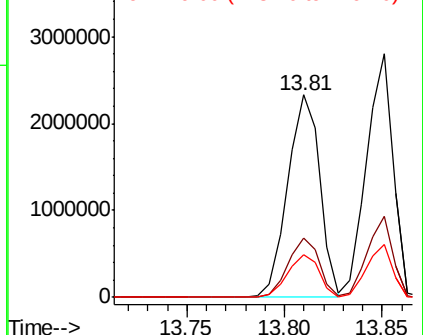
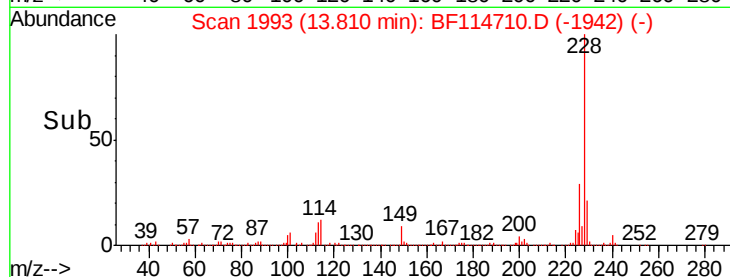
229 21.4 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.703 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

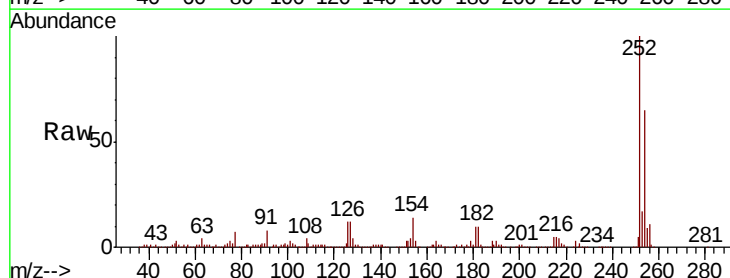
Tgt Ion:252 Resp: 552246

Ion Ratio Lower Upper

252 100

254 64.9 53.1 79.7

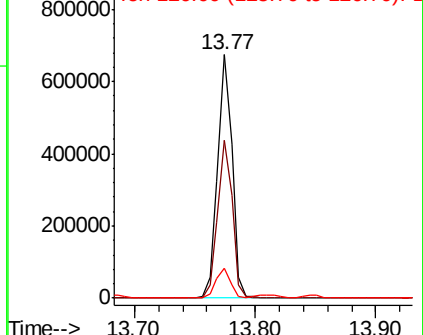
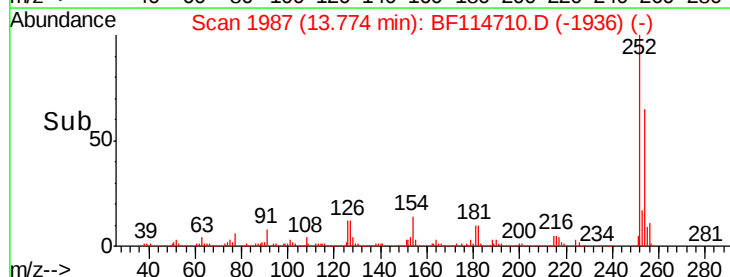
126 12.4 10.2 15.2

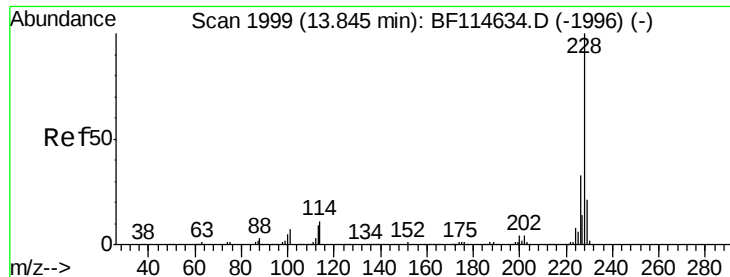


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.110 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

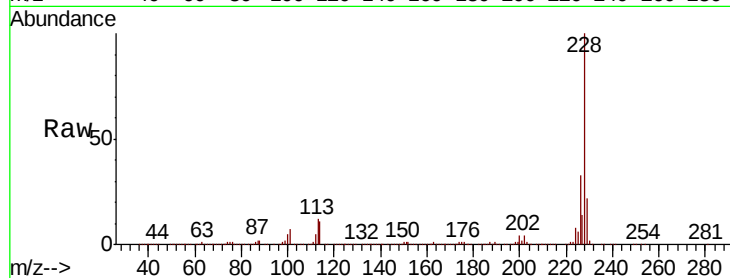
Tgt Ion:228 Resp: 2654512

Ion Ratio Lower Upper

228 100

226 33.3 26.4 39.6

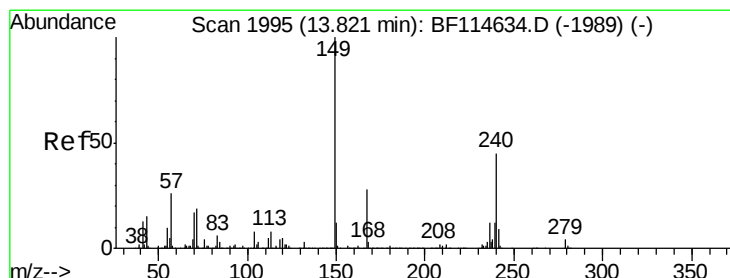
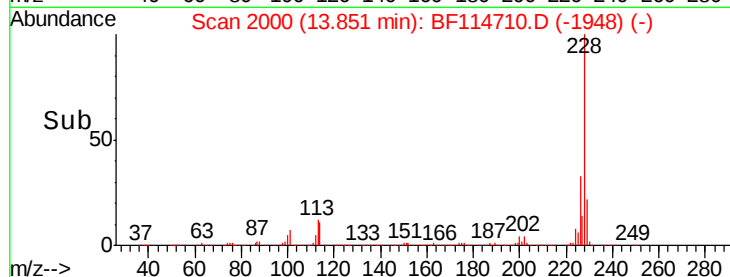
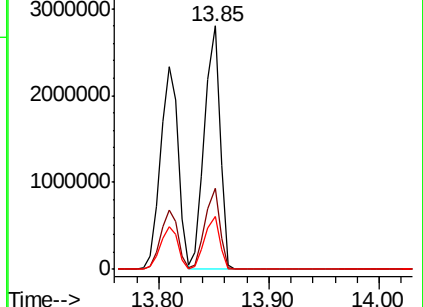
229 21.7 17.1 25.7



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: 43.319 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

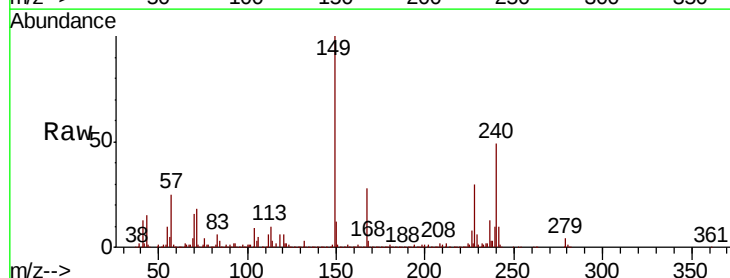
Tgt Ion:149 Resp: 1866145

Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

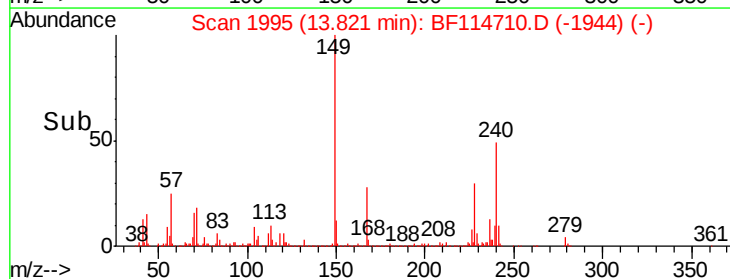
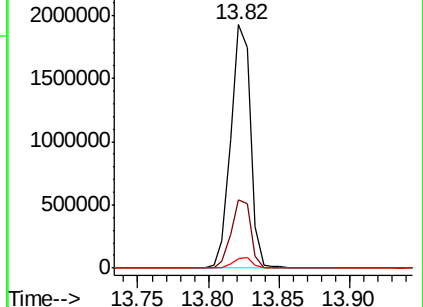
279 3.8 3.0 4.4

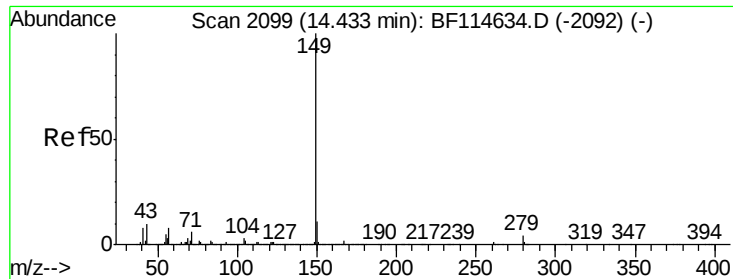


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

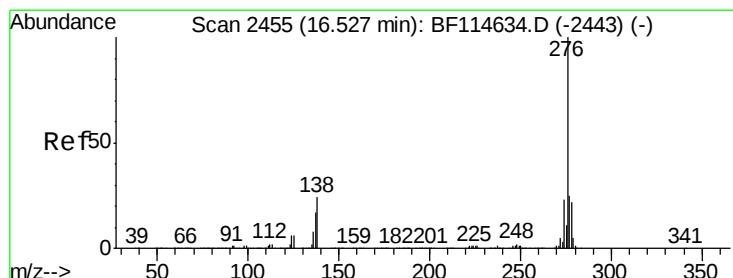
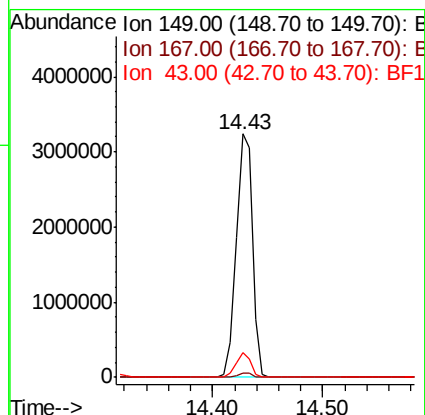
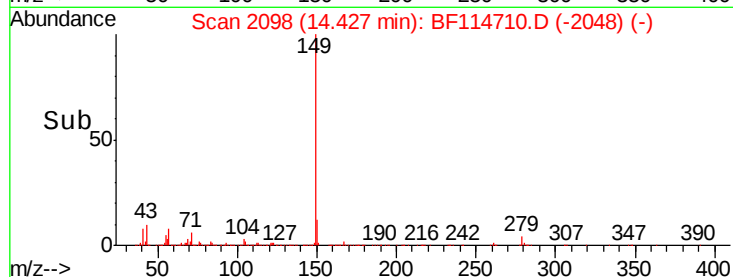
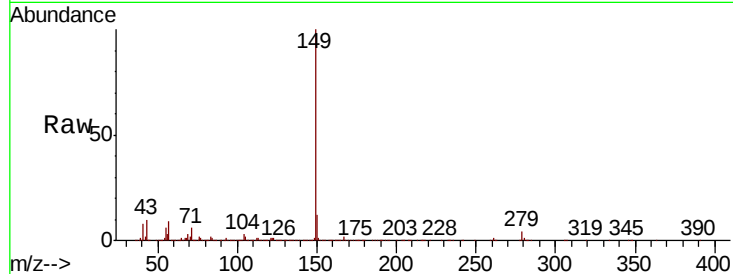




#85
Di-n-octyl phthalate
Concen: 44.848 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

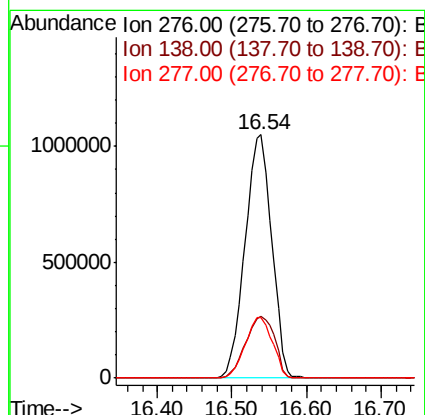
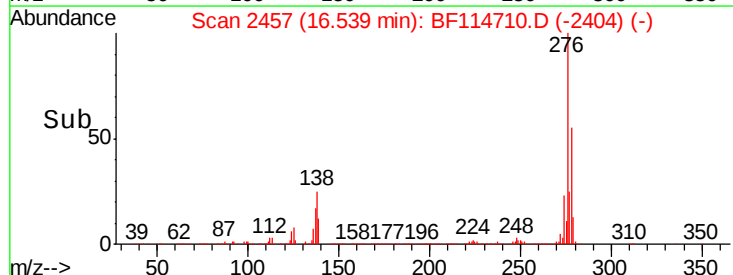
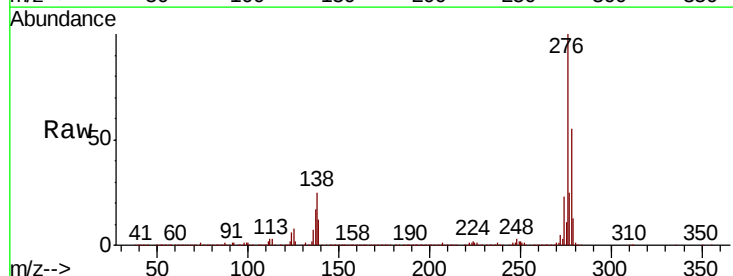
Instrument :
BNA_F
ClientSampleId :
TP-6MSD

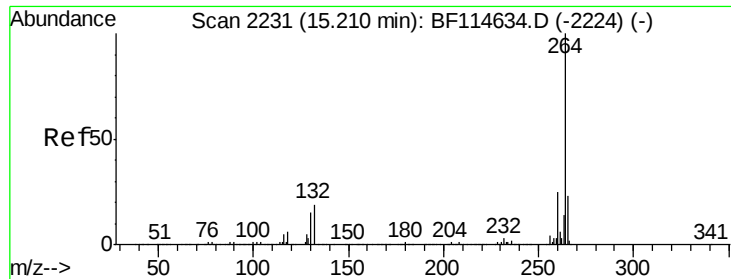
Tgt Ion:149 Resp: 3356800
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.247 ng
RT: 16.54 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:276 Resp: 2606619
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.6
277 25.6 20.5 30.7

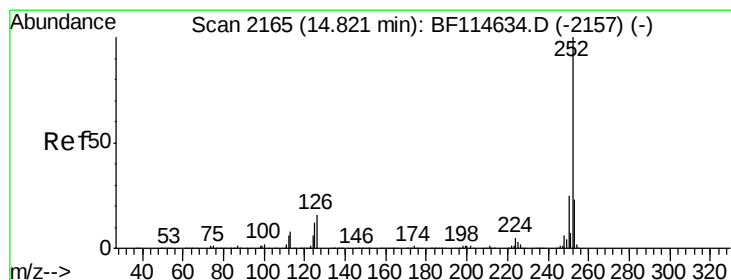
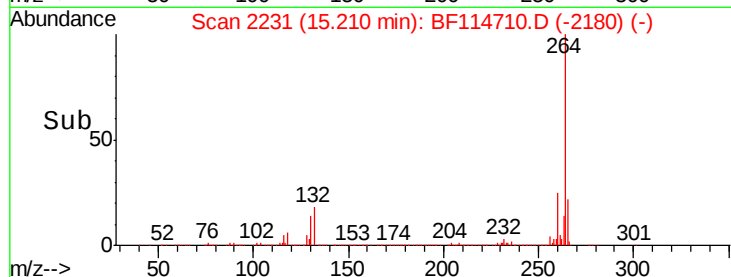
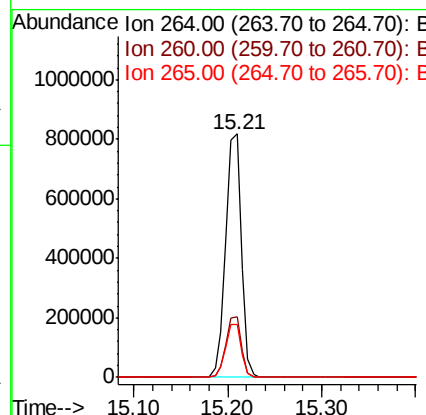
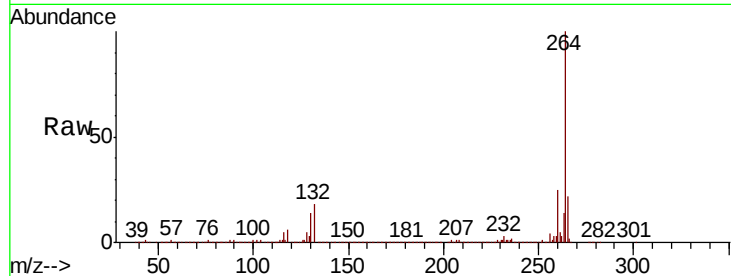




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

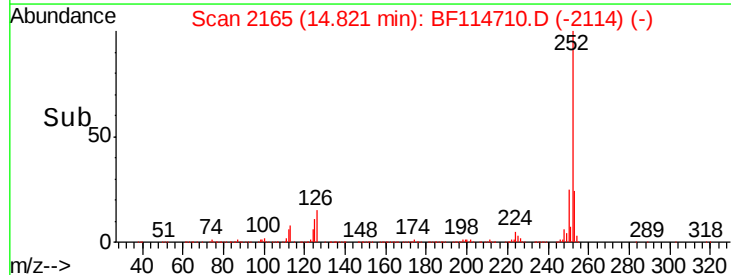
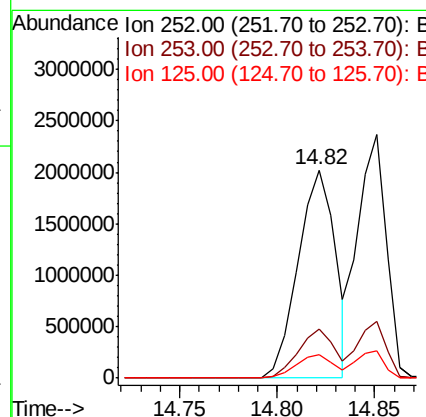
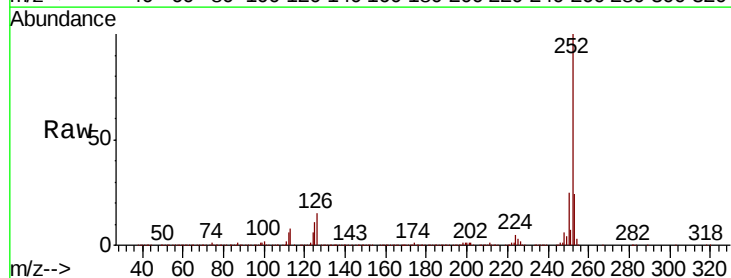
Instrument :
BNA_F
ClientSampled :
TP-6MSD

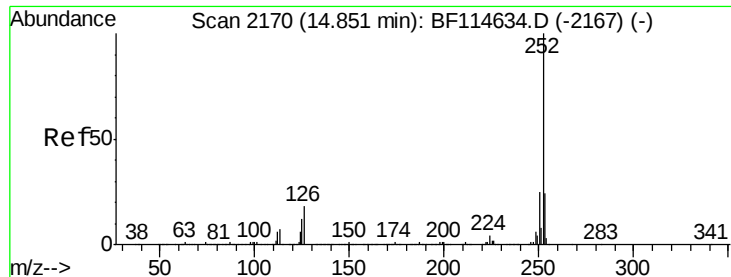
Tgt Ion:264 Resp: 957230
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.7 18.1 27.1



#88
Benzo(b)fluoranthene
Concen: 44.378 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion:252 Resp: 2675563
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 11.4 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 45.843 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

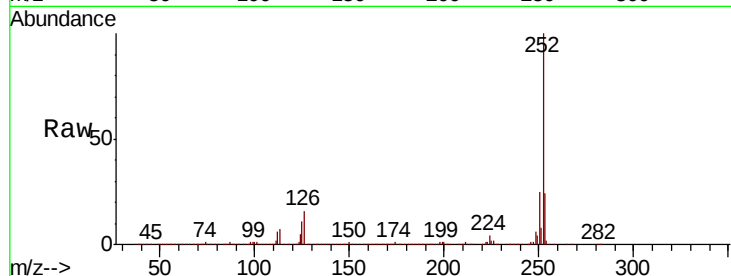
Tgt Ion:252 Resp: 2402316

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

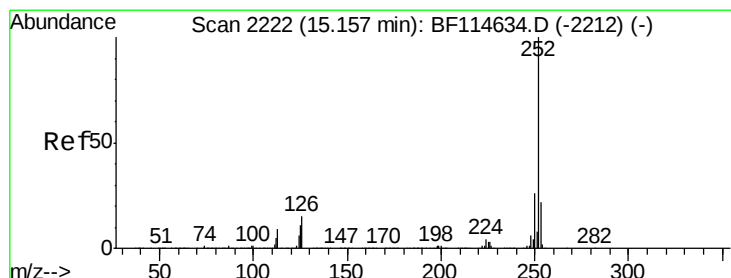
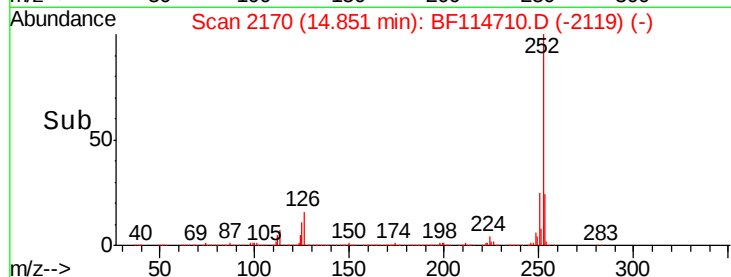
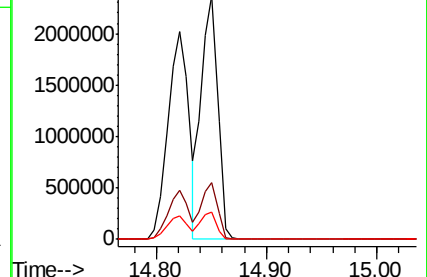
125 11.2 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.664 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

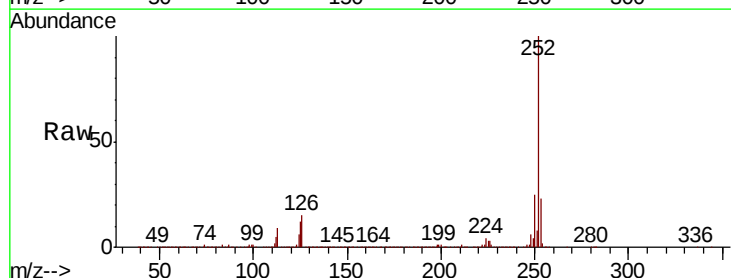
Tgt Ion:252 Resp: 2418558

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

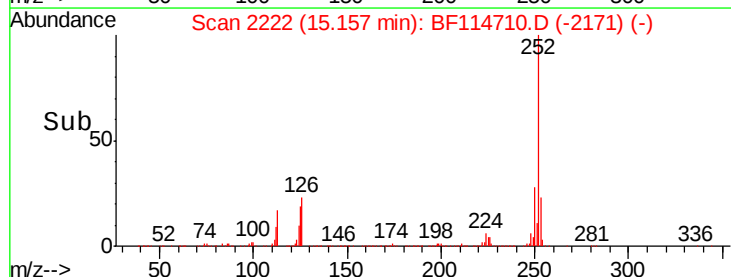
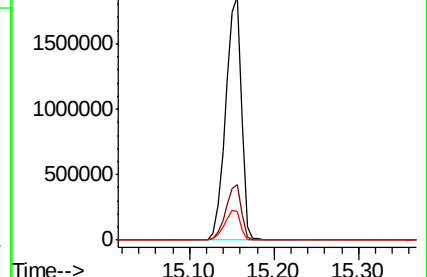
125 11.6 9.2 13.8

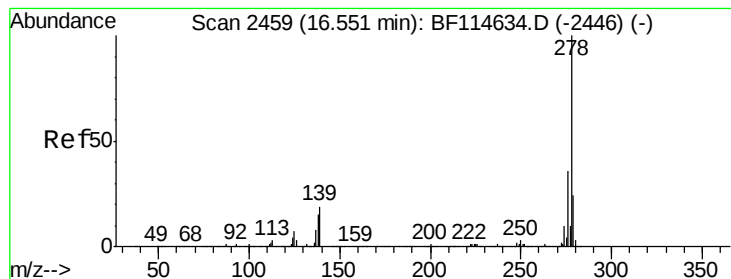


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.666 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

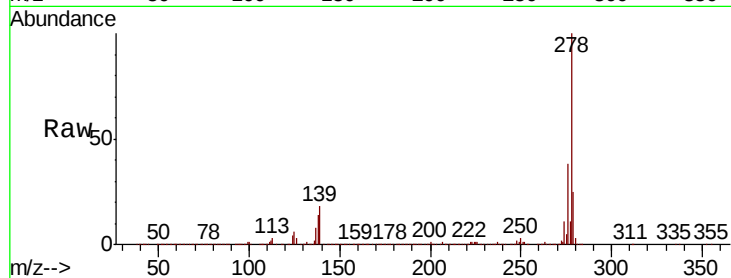
Tgt Ion:278 Resp: 2137272

Ion Ratio Lower Upper

278 100

139 17.9 14.9 22.3

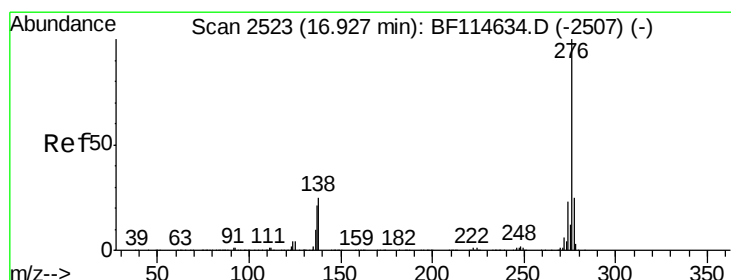
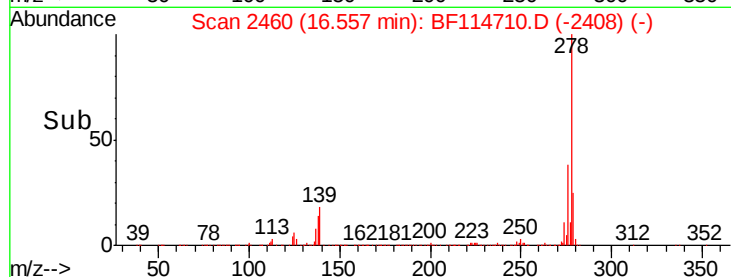
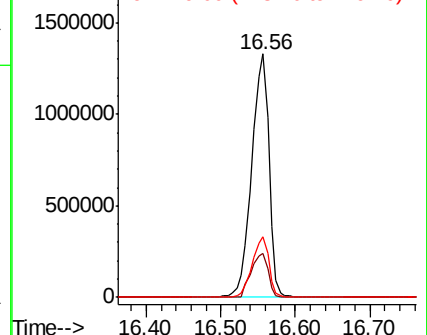
279 24.7 19.5 29.3



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: 49.312 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

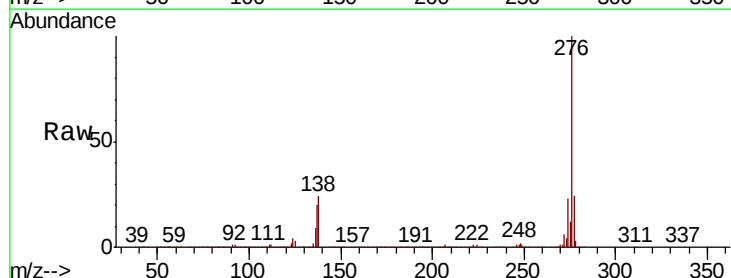
Tgt Ion:276 Resp: 2239992

Ion Ratio Lower Upper

276 100

277 23.5 19.7 29.5

138 23.8 19.8 29.8



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

