

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114709.D
 Acq On : 31 May 2019 15:38
 Operator : HP/JU
 Sample : K3072-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Quant Time: Jun 01 00:23:17 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	344544	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1331506	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	662098	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1321977	20.00	ng	0.00
76) Chrysene-d12	13.82	240	813802	20.00	ng	0.00
87) Perylene-d12	15.20	264	908075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2513333	128.07	ng	0.02
7) Phenol-d6	6.34	99	3159400	133.60	ng	0.01
23) Nitrobenzene-d5	7.26	82	1960742	91.87	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	912505	144.64	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3086152	88.15	ng	0.00
79) Terphenyl-d14	12.78	244	3585502	82.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	359603	38.185	ng	96
3) Pyridine	3.09	79	660097	24.085	ng	98
4) n-Nitrosodimethylamine	3.02	42	447312	40.331	ng	95
6) Aniline	6.36	93	838422	23.472	ng	# 39
8) 2-Chlorophenol	6.49	128	1045916	46.150	ng	98
9) Benzaldehyde	6.24	77	444224	31.245	ng	95
10) Phenol	6.35	94	1216089	42.569	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	953402	43.632	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1100146	42.608	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1101606	42.528	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1042678	44.214	ng	100
15) Benzyl Alcohol	6.84	79	863510	46.422	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1346840	40.186	ng	98
17) 2-Methylphenol	6.96	107	878920	45.852	ng	99
18) Hexachloroethane	7.21	117	397466	40.528	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	685871	42.019	ng	97
20) 3+4-Methylphenols	7.11	107	985579	43.717	ng	95
22) Acetophenone	7.11	105	1355355	47.774	ng	98
24) Nitrobenzene	7.28	77	1057585	46.650	ng	93
25) Isophorone	7.52	82	1948176	45.486	ng	99
26) 2-Nitrophenol	7.59	139	574074	52.021	ng	99
27) 2,4-Dimethylphenol	7.64	122	951068	51.820	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1211982	44.452	ng	100
29) 2,4-Dichlorophenol	7.84	162	916326	49.052	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	973329	45.732	ng	99
31) Naphthalene	8.00	128	2810825	45.830	ng	99
32) Benzoic acid	7.74	122	266597	22.364	ng	98
33) 4-Chloroaniline	8.04	127	392469	13.431	ng	99
34) Hexachlorobutadiene	8.13	225	513146	43.401	ng	99
35) Caprolactam	8.42	113	184260	29.228	ng	99
36) 4-Chloro-3-methylphenol	8.53	107	949260	50.670	ng	98
37) 2-Methylnaphthalene	8.69	142	1946151	47.758	ng	98
38) 1-Methylnaphthalene	8.79	142	1847984	47.864	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	815903	46.274	ng	100

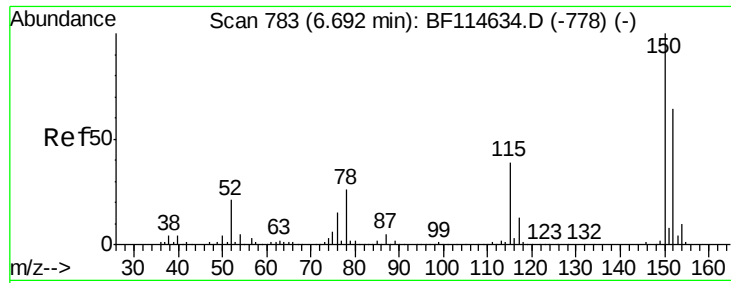
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114709.D
 Acq On : 31 May 2019 15:38
 Operator : HP/JU
 Sample : K3072-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Quant Time: Jun 01 00:23:17 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)
41) Hexachlorocyclopentadiene	8.85	237	977497	83.893	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	656119	47.292	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	707219	51.083	ng	98
46) 1,1'-Biphenyl	9.15	154	2268800	46.163	ng	99
47) 2-Chloronaphthalene	9.17	162	1842202	45.694	ng	98
48) 2-Nitroaniline	9.27	65	582190	46.795	ng	89
49) Acenaphthylene	9.59	152	2850140	45.761	ng	99
50) Dimethylphthalate	9.46	163	2682528	58.144	ng	99
51) 2,6-Dinitrotoluene	9.51	165	536529	50.048	ng	93
52) Acenaphthene	9.76	154	1875893	49.111	ng	100
53) 3-Nitroaniline	9.67	138	359910	27.431	ng	94
54) 2,4-Dinitrophenol	9.78	184	356526	84.314	ng	93
55) Dibenzofuran	9.93	168	2458221	45.212	ng	100
56) 4-Nitrophenol	9.85	139	962305	98.971	ng	98
57) 2,4-Dinitrotoluene	9.92	165	724566	52.663	ng	# 83
58) Fluorene	10.27	166	1758482	50.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	573661	50.623	ng	99
60) Diethylphthalate	10.16	149	2191209	46.502	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	869403	49.108	ng	99
62) 4-Nitroaniline	10.29	138	605370	47.349	ng	98
63) Azobenzene	10.43	77	1935232	44.733	ng	94
65) 4,6-Dinitro-2-methylphenol	10.32	198	258902	44.168	ng	93
66) n-Nitrosodiphenylamine	10.39	169	1796754	46.002	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	633888	44.714	ng	96
68) Hexachlorobenzene	10.82	284	681281	44.369	ng	94
69) Atrazine	10.92	200	622077	54.360	ng	99
70) Pentachlorophenol	11.01	266	691281	78.100	ng	98
71) Phenanthrene	11.23	178	2858150	42.383	ng	99
72) Anthracene	11.27	178	2957381	43.330	ng	99
73) Carbazole	11.43	167	2781322	46.368	ng	99
74) Di-n-butylphthalate	11.77	149	3145088	42.935	ng	99
75) Fluoranthene	12.40	202	2995253	42.894	ng	99
77) Benzidine	12.52	184	354700	10.585	ng	# 92
78) Pyrene	12.63	202	3021655	43.893	ng	99
80) Butylbenzylphthalate	13.26	149	1540807	44.536	ng	98
81) Benzo(a)anthracene	13.81	228	2672648	42.737	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	668637	27.685	ng	98
83) Chrysene	13.85	228	2685314	44.943	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1882503	44.012	ng	# 99
85) Di-n-octyl phthalate	14.43	149	3353353	45.124	ng	98
86) Indeno(1,2,3-cd)pyrene	16.54	276	2551158	42.631	ng	99
88) Benzo(b)fluoranthene	14.82	252	2581616	45.138	ng	100
89) Benzo(k)fluoranthene	14.85	252	2405073	48.380	ng	99
90) Benzo(a)pyrene	15.16	252	2364387	47.058	ng	100
91) Dibenzo(a,h)anthracene	16.56	278	2128063	47.930	ng	99
92) Benzo(g,h,i)perylene	16.94	276	2171742	50.398	ng	99

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

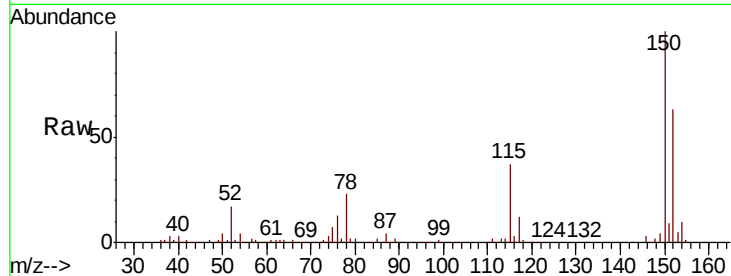


#1

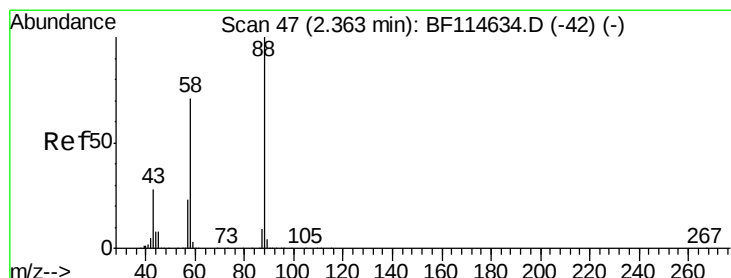
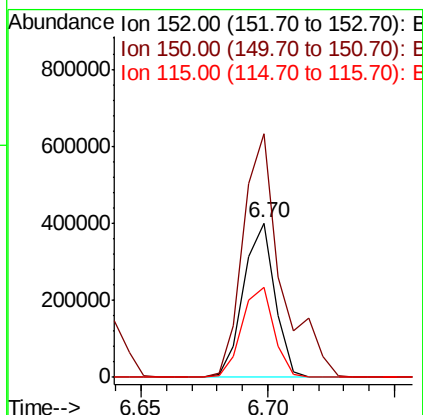
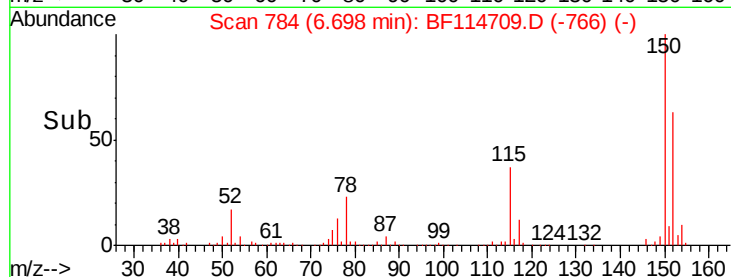
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion: 152 Resp: 344544
Ion Ratio Lower Upper
152 100
150 157.7 124.4 186.6
115 58.6 48.7 73.1



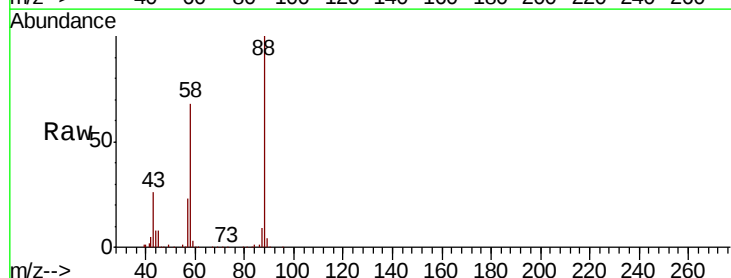
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



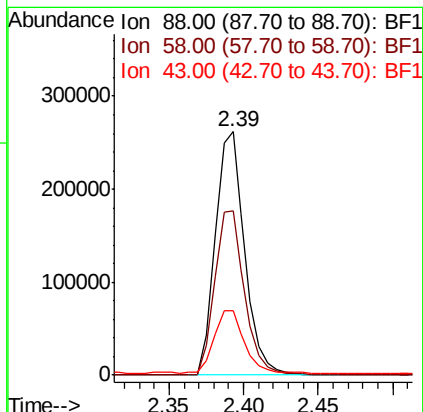
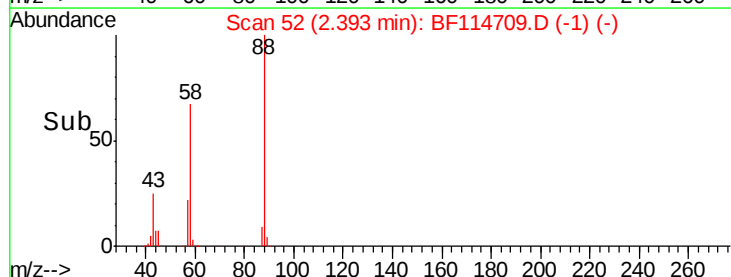
#2

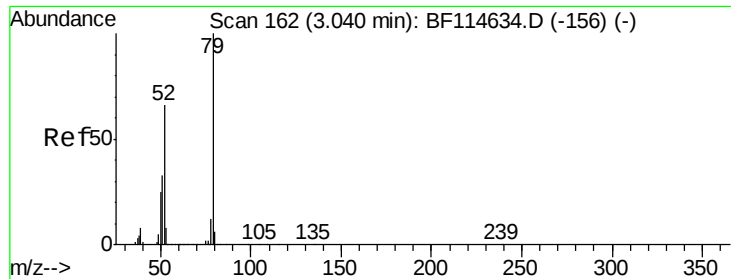
1,4-Dioxane
Concen: 38.185 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion: 88 Resp: 359603
Ion Ratio Lower Upper
88 100
58 68.0 57.2 85.8
43 26.9 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: 24.085 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

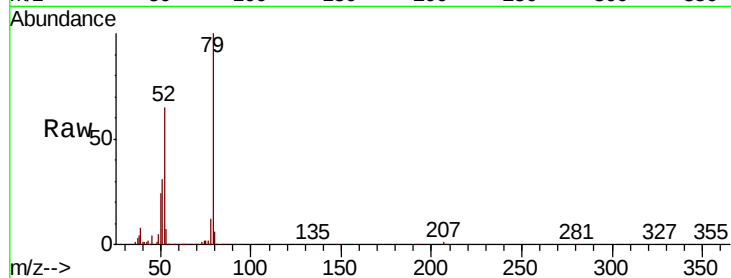
Tgt Ion: 79 Resp: 660097

Ion Ratio Lower Upper

79 100

52 65.0 52.8 79.2

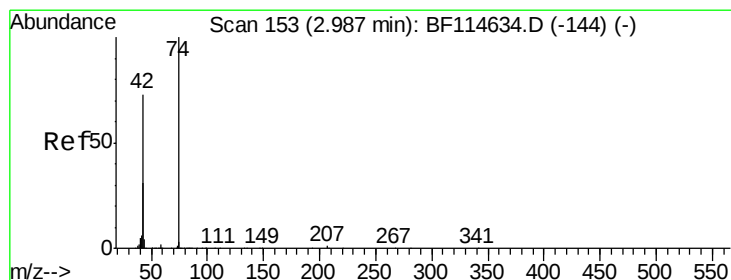
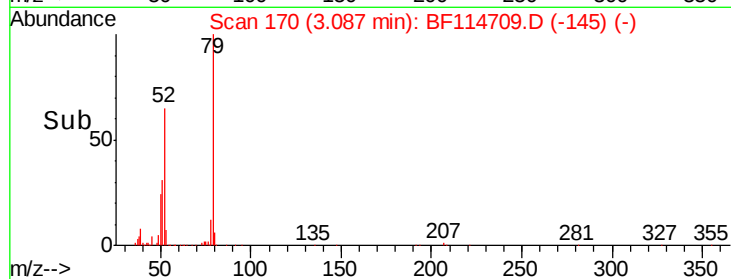
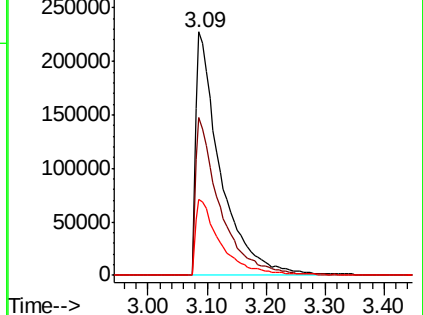
51 31.1 26.3 39.5



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: 40.331 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.03 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

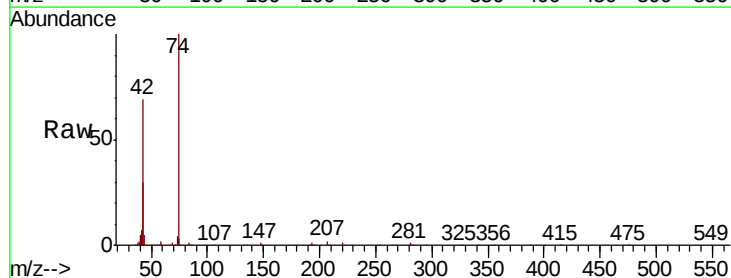
Tgt Ion: 42 Resp: 447312

Ion Ratio Lower Upper

42 100

74 143.9 110.0 165.0

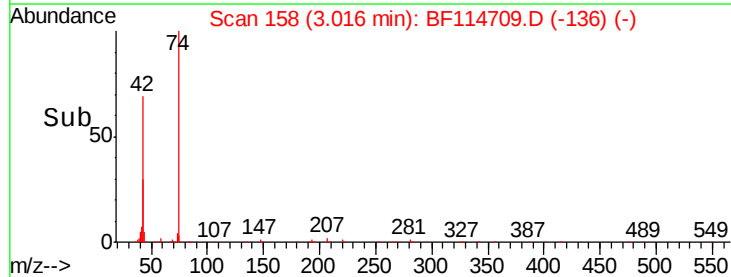
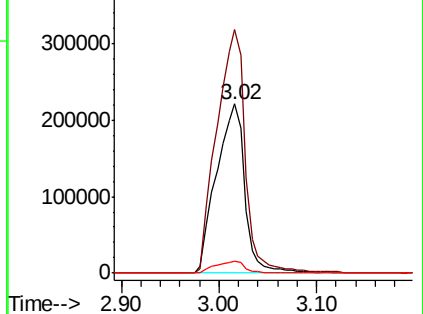
44 6.8 5.6 8.4



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: 128.073 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

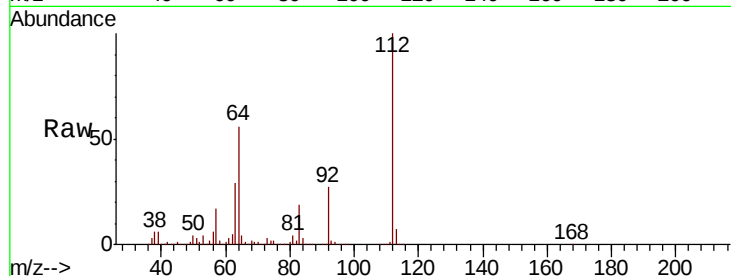
Tgt Ion:112 Resp: 2513333

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

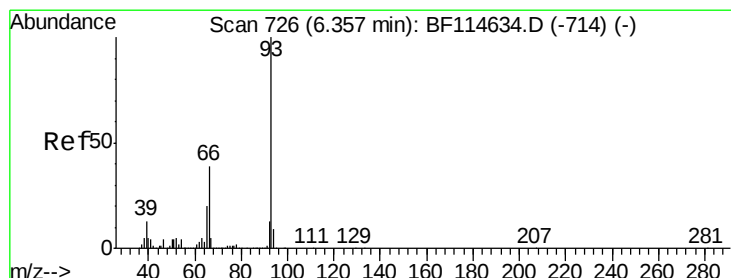
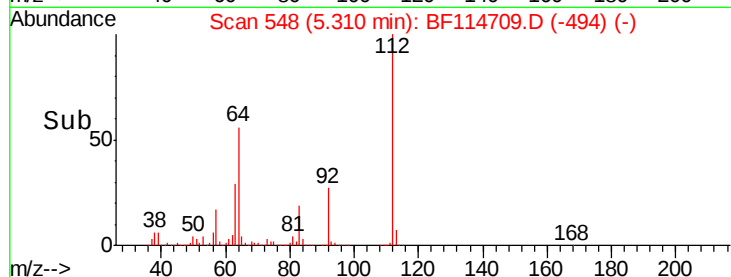
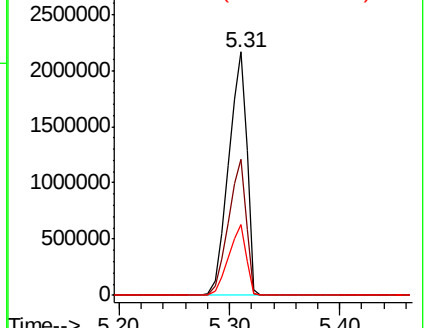
63 29.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.472 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

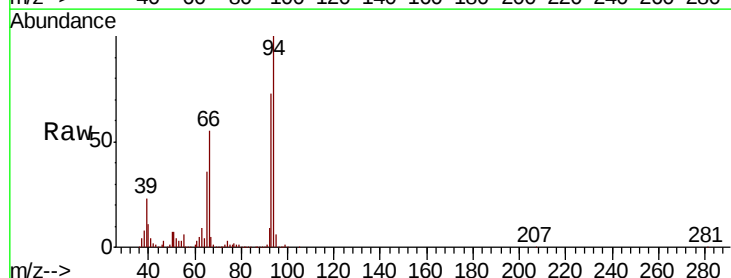
Tgt Ion: 93 Resp: 838422

Ion Ratio Lower Upper

93 100

66 76.1 31.4 47.2#

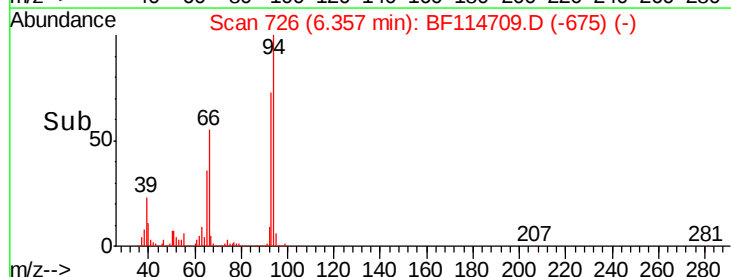
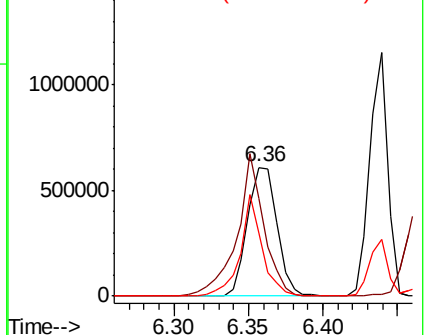
65 49.4 16.2 24.2#

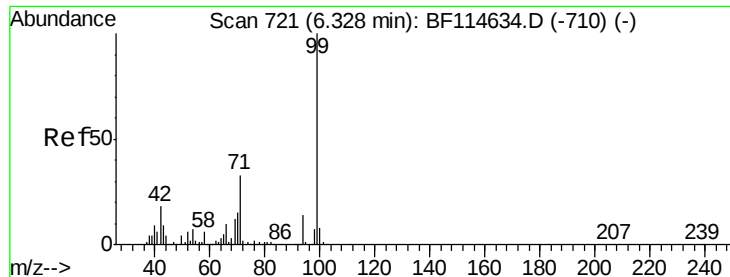


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.602 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

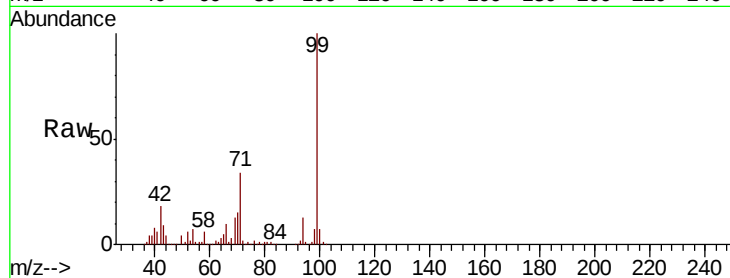
Tgt Ion: 99 Resp: 3159400

Ion Ratio Lower Upper

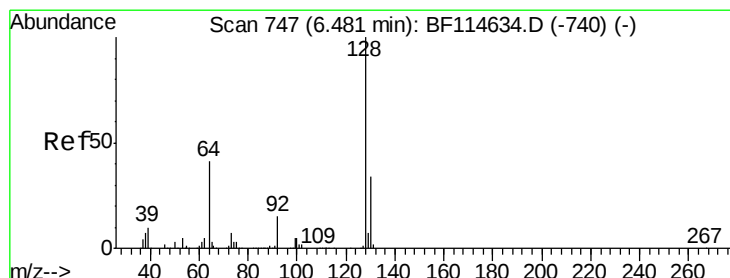
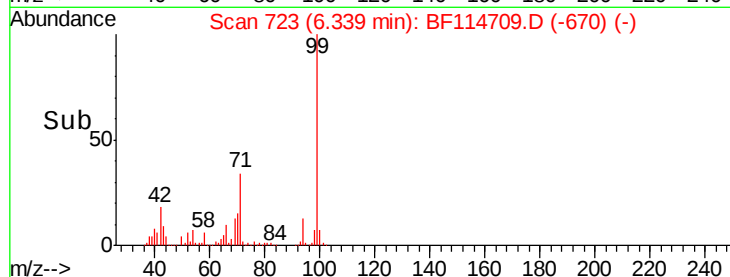
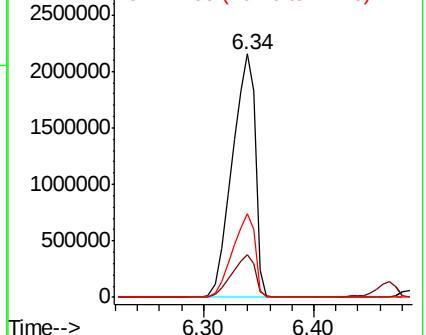
99 100

42 17.7 14.7 22.1

71 34.3 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: 46.150 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

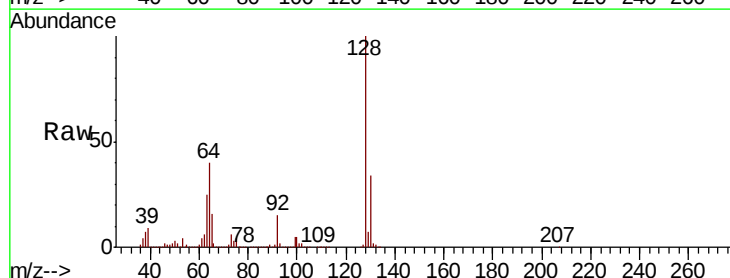
Tgt Ion:128 Resp: 1045916

Ion Ratio Lower Upper

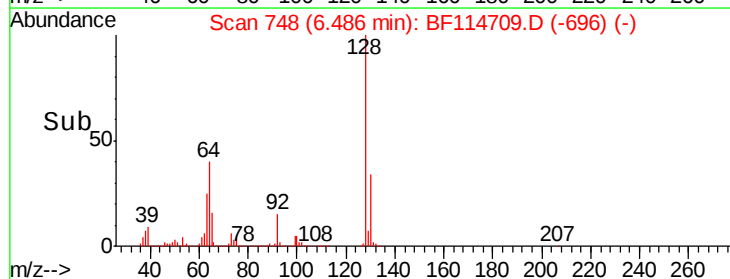
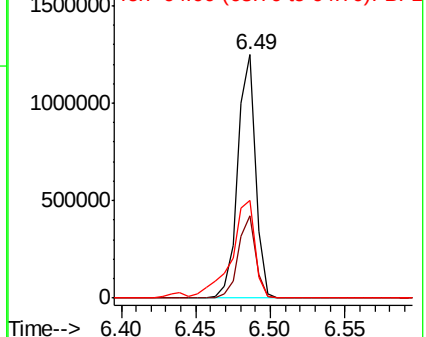
128 100

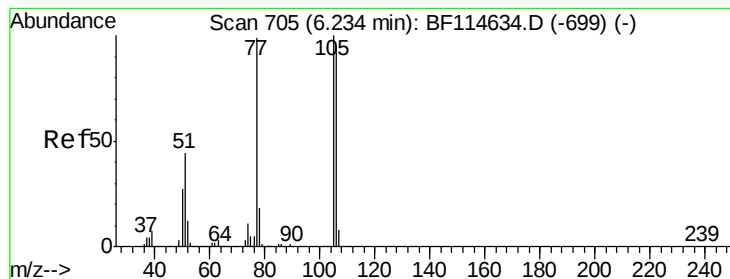
130 33.7 13.9 53.9

64 40.2 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: 31.245 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

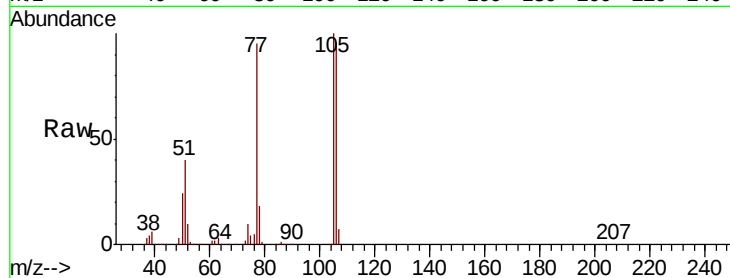
Tgt Ion: 77 Resp: 444224

Ion Ratio Lower Upper

77 100

105 105.5 80.8 120.8

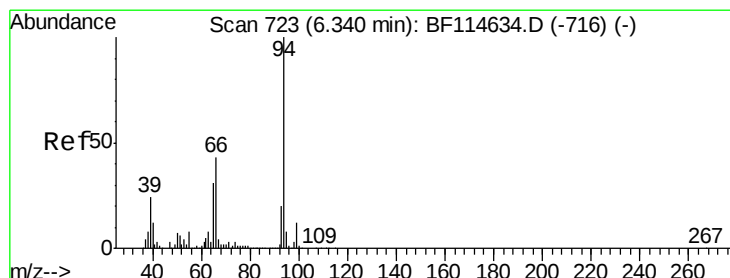
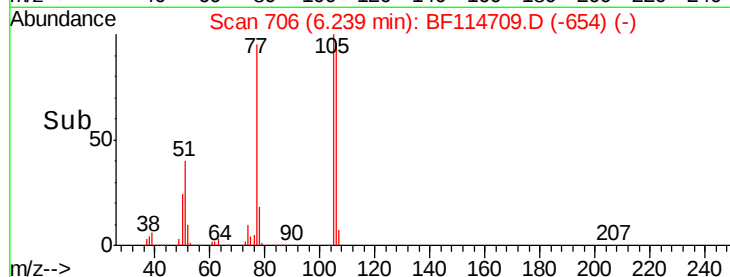
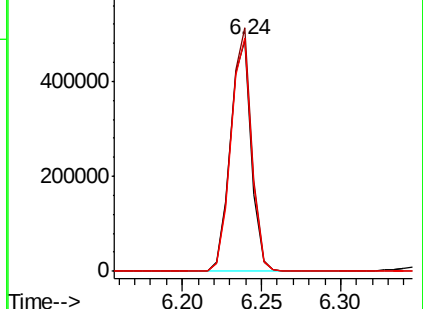
106 101.1 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.569 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

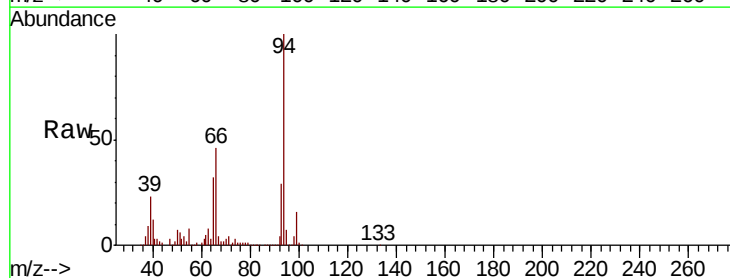
Tgt Ion: 94 Resp: 1216089

Ion Ratio Lower Upper

94 100

65 32.4 11.0 51.0

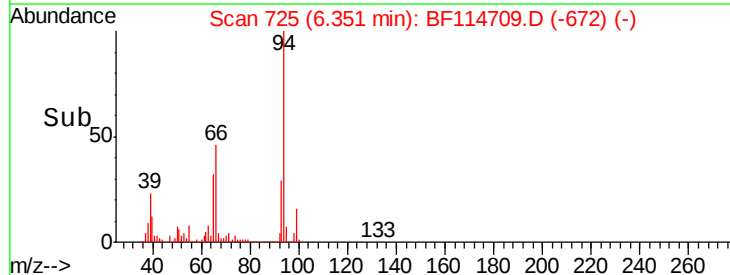
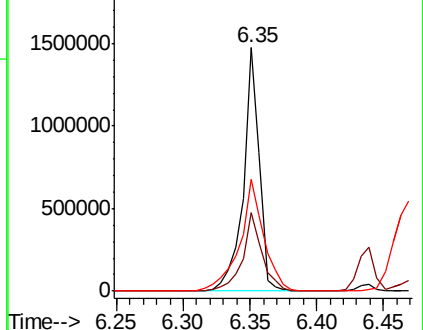
66 45.7 23.0 63.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

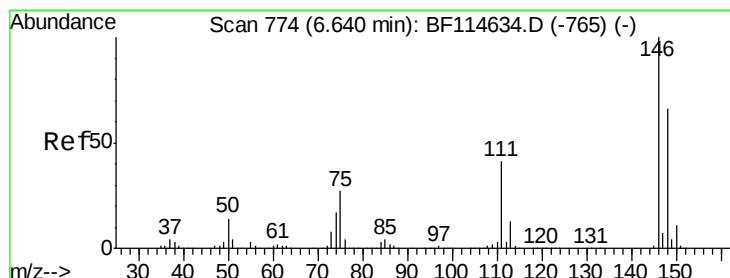
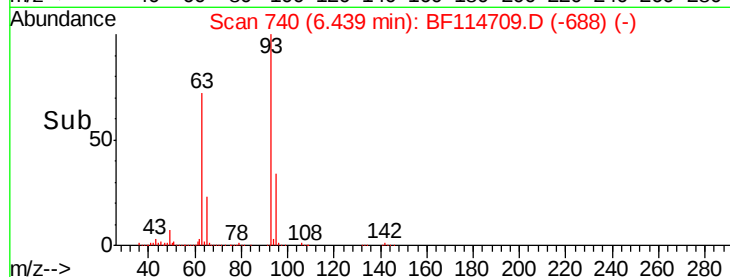
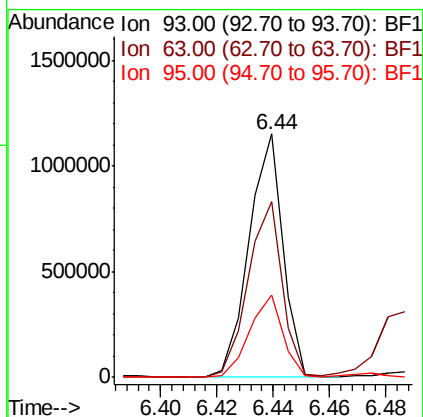
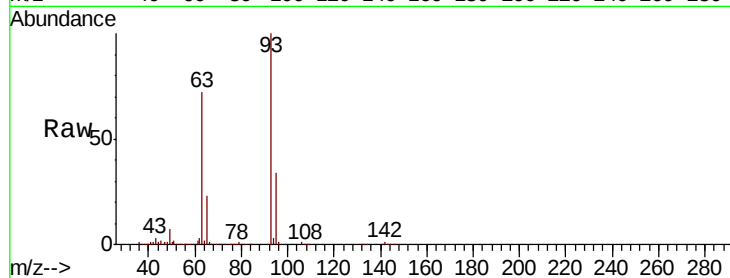




#11
bis(2-Chloroethyl)ether
Concen: 43.632 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

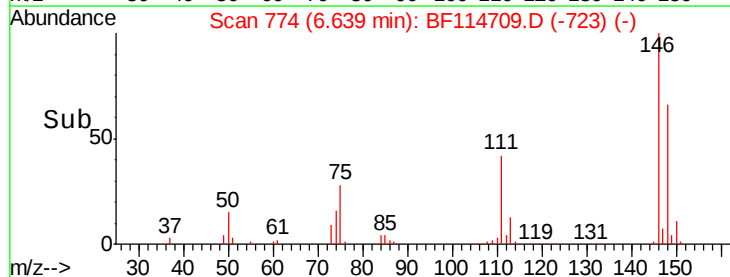
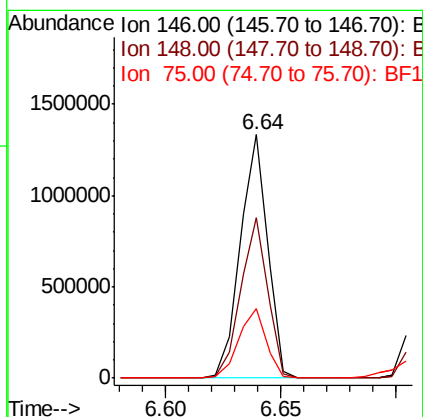
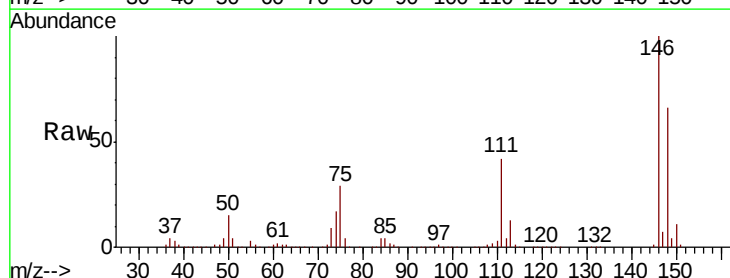
Instrument :
BNA_F
ClientSampleId :
TP-6MS

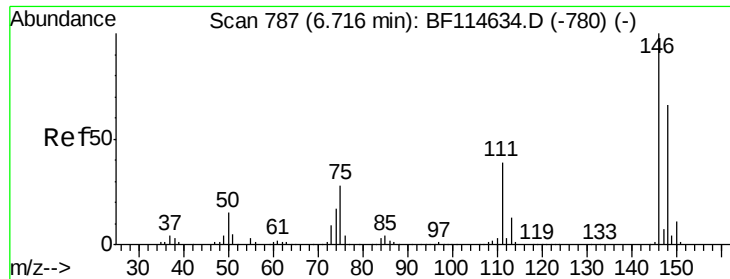
Tgt Ion: 93 Resp: 953402
Ion Ratio Lower Upper
93 100
63 72.2 55.0 95.0
95 33.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.608 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion: 146 Resp: 1100146
Ion Ratio Lower Upper
146 100
148 65.7 52.9 79.3
75 28.7 22.0 33.0

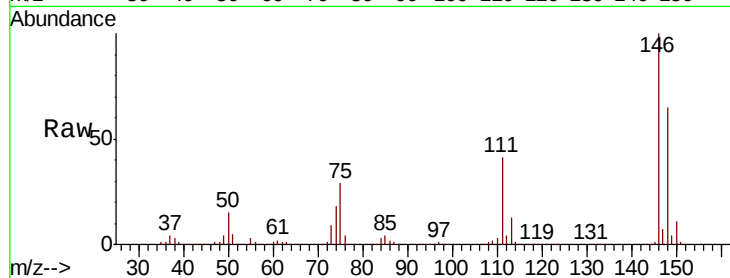




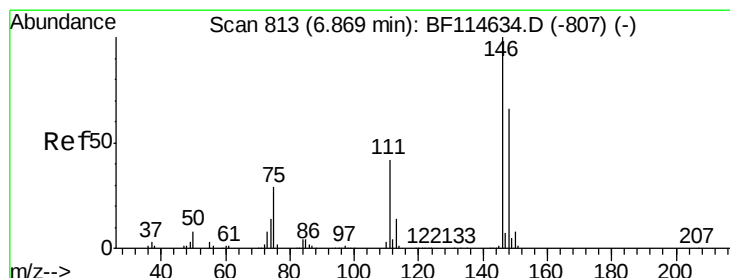
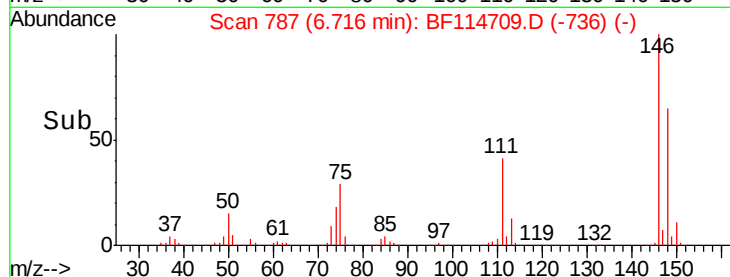
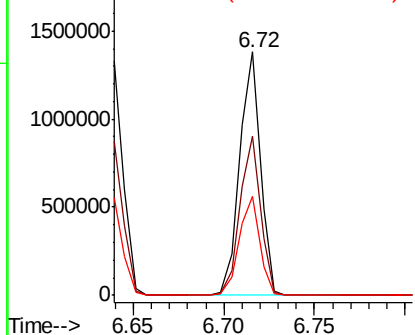
#13
 1,4-Dichlorobenzene
 Concen: 42.528 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tgt Ion:146 Resp: 1101606
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 40.8 31.4 47.2

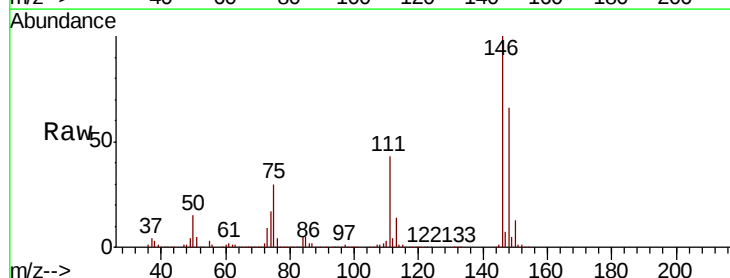


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

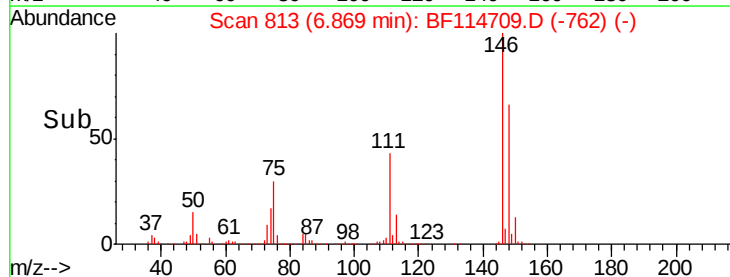
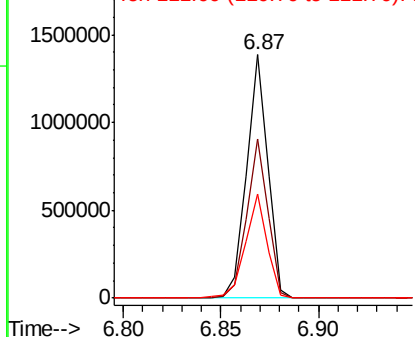


#14
 1,2-Dichlorobenzene
 Concen: 44.214 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:146 Resp: 1042678
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 79.0
 111 42.6 34.1 51.1



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





#15

Benzyl Alcohol

Concen: 46.422 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

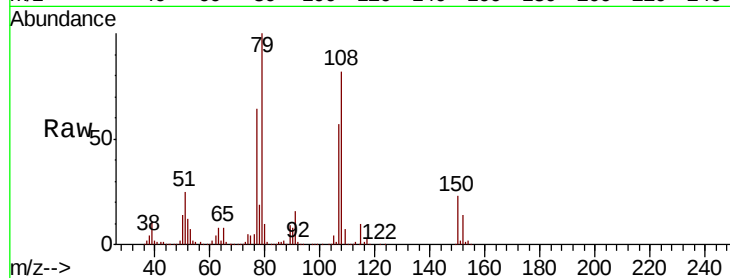
Tgt Ion: 79 Resp: 863510

Ion Ratio Lower Upper

79 100

108 82.4 67.8 101.8

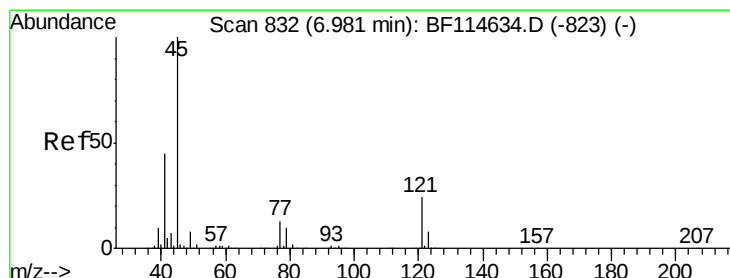
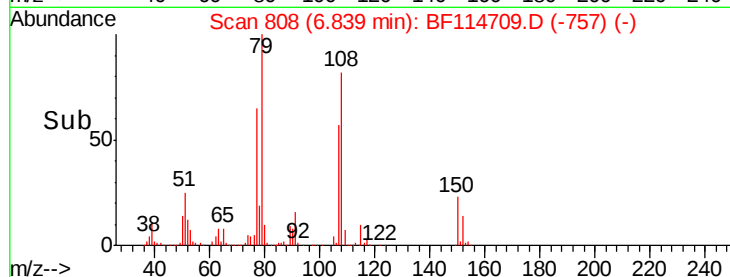
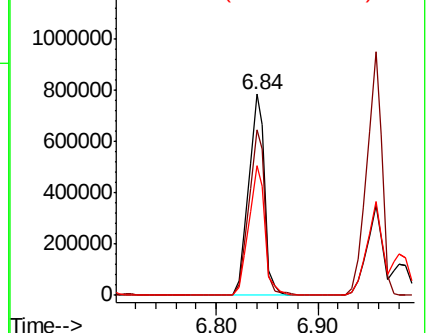
77 64.5 50.7 76.1



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: 40.186 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

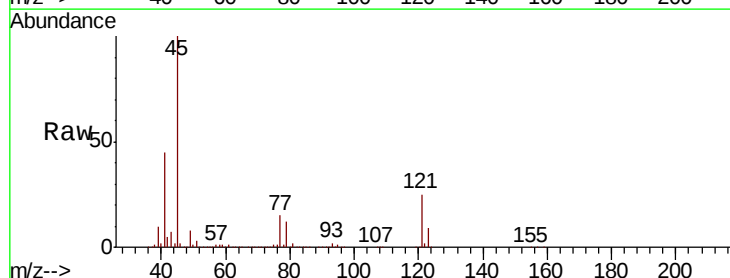
Tgt Ion: 45 Resp: 1346840

Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.7

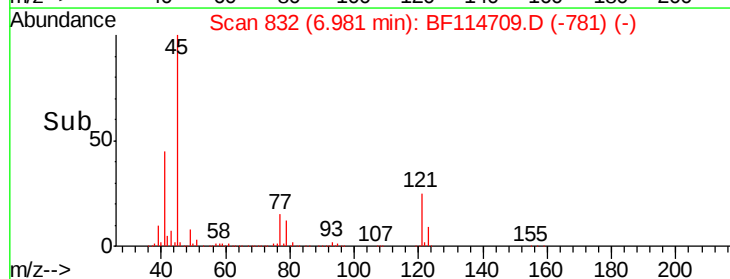
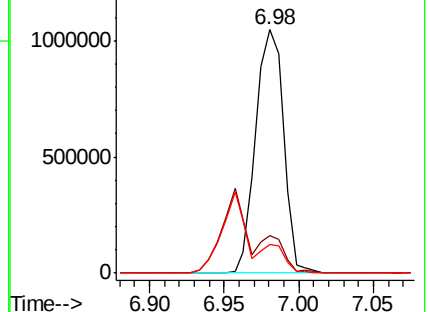
79 11.8 0.0 31.3

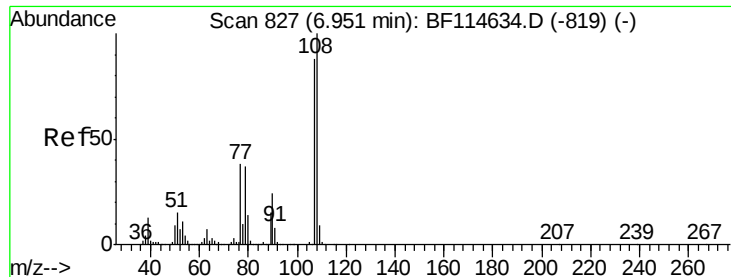


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

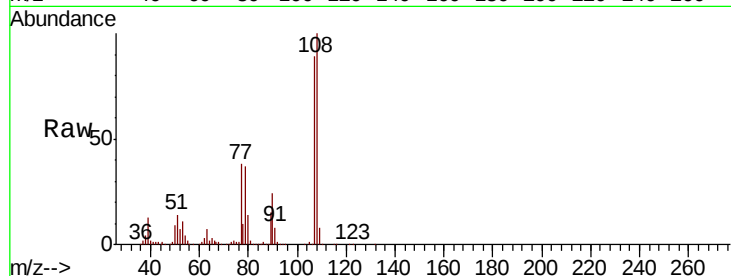




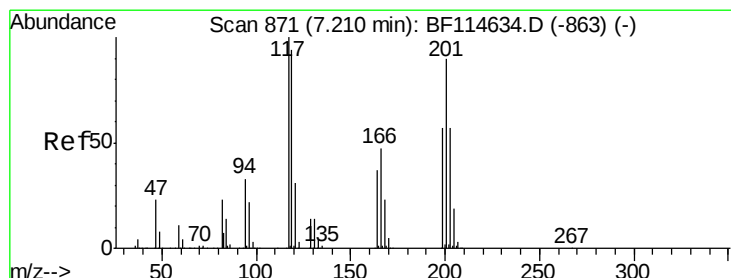
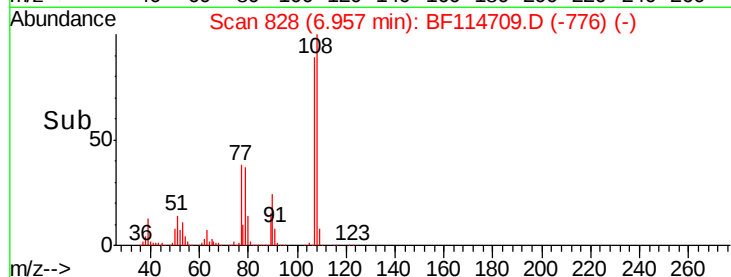
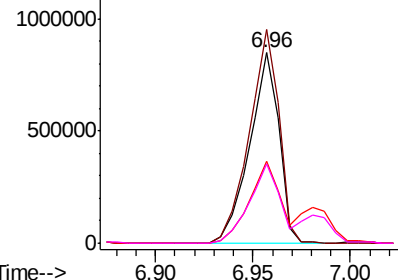
#17
2-Methylphenol
Concen: 45.852 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampled :
TP-6MS

Tgt Ion:	107	Resp:	878920
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.1	136.7
77	43.1	34.9	52.3
79	41.4	33.8	50.6

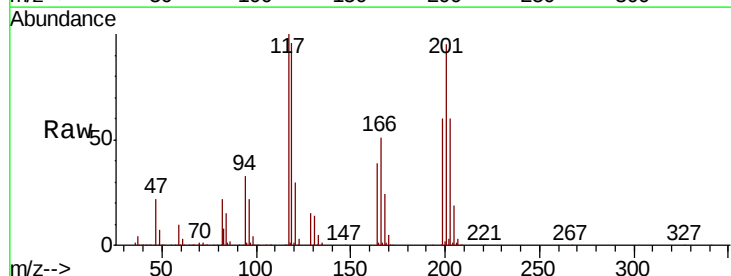


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

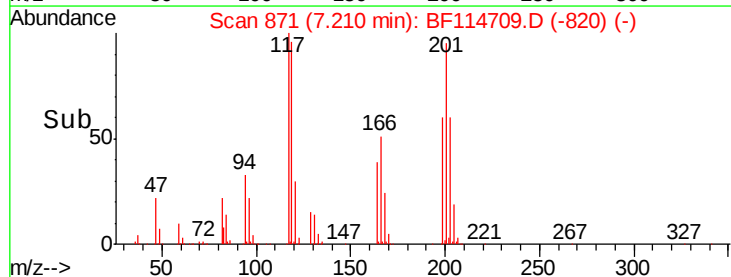
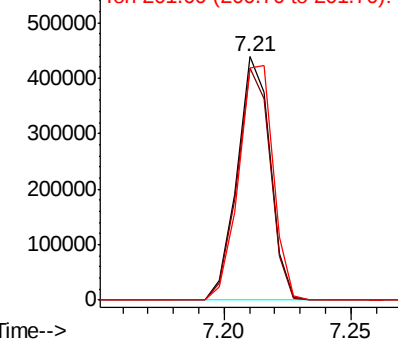


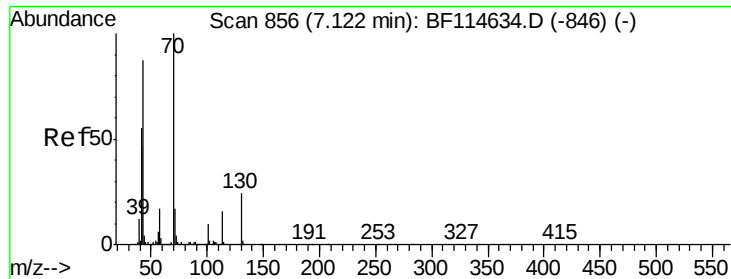
#18
Hexachloroethane
Concen: 40.528 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:	117	Resp:	397466
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	95.3	71.7	107.5



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

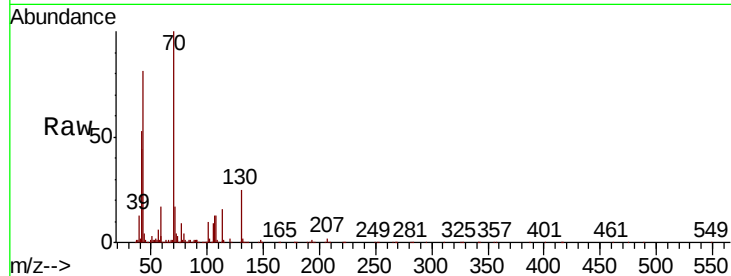




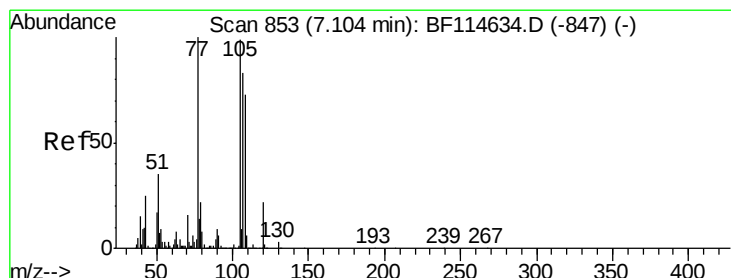
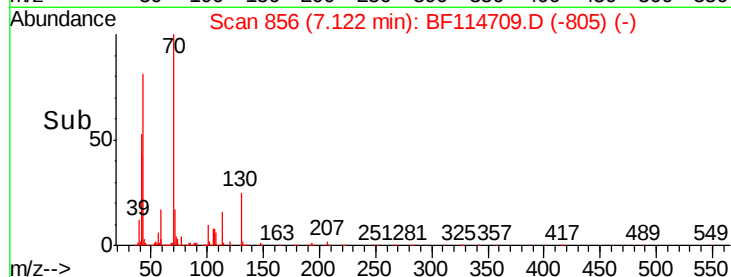
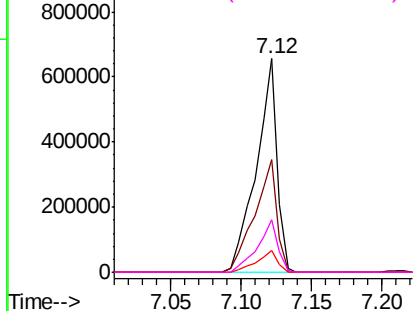
#19
n-Nitroso-di-n-propylamine
Concen: 42.019 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:	70	Resp:	685871
Ion	Ratio	Lower	Upper
70	100		
42	52.7	44.4	66.6
101	10.4	8.2	12.4
130	24.5	19.4	29.0

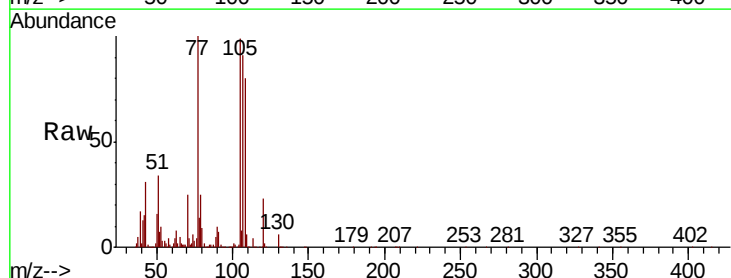


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

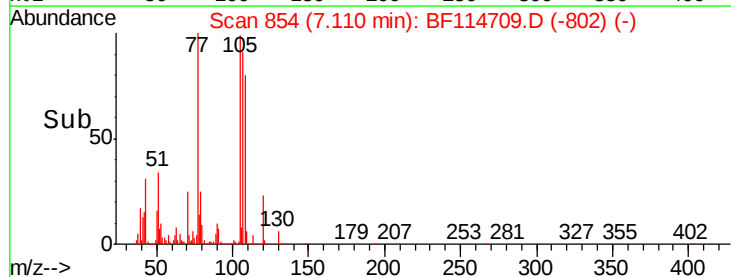
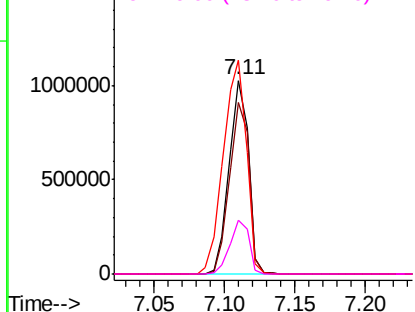


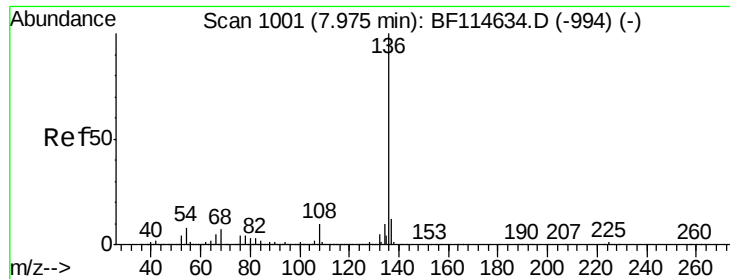
#20
3+4-Methylphenols
Concen: 43.717 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:	107	Resp:	985579
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.6	108.6
77	110.5	100.5	140.5
79	28.1	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

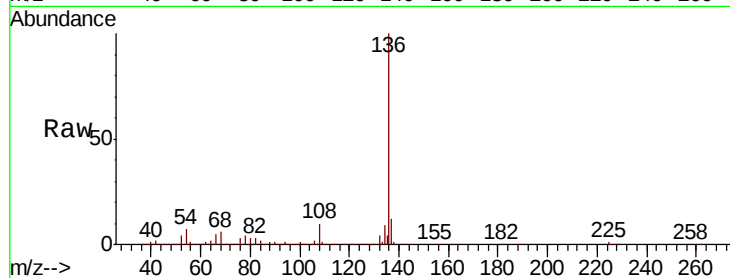




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:	136	Resp:	1331506
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.2	6.3	9.5
68	6.0	5.4	8.0



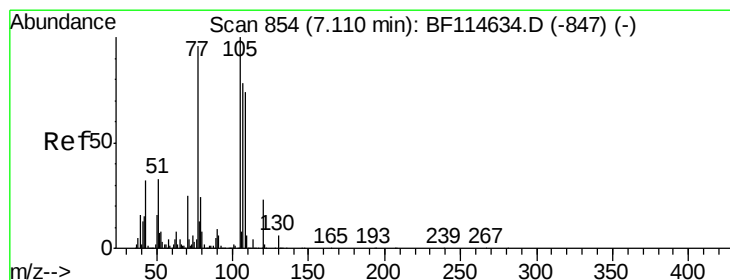
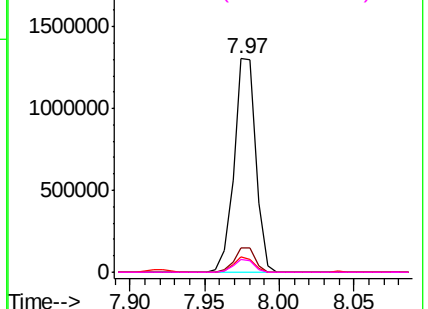
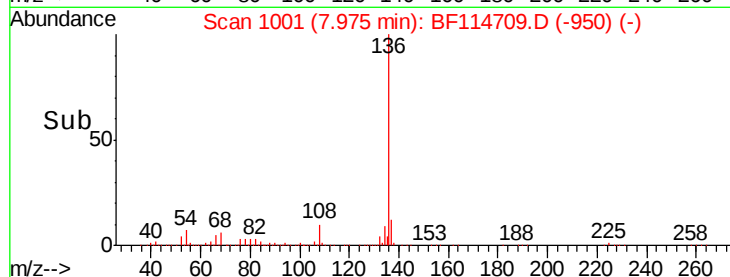
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

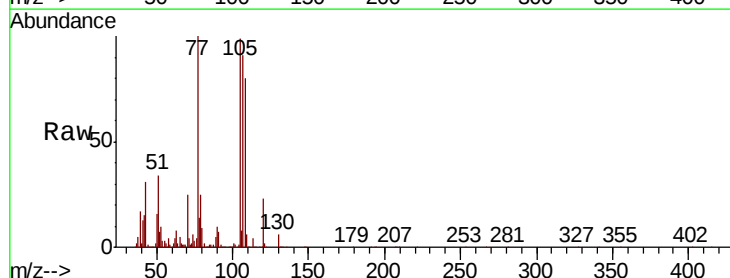
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.774 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:	105	Resp:	1355355
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.6	5.4
51	34.0	26.0	39.0
120	23.1	18.8	28.2



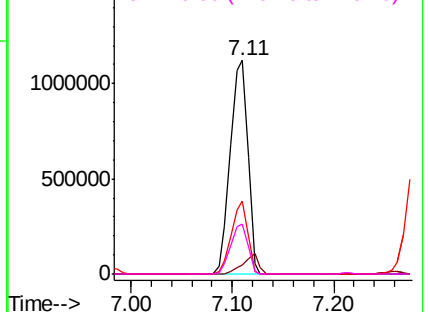
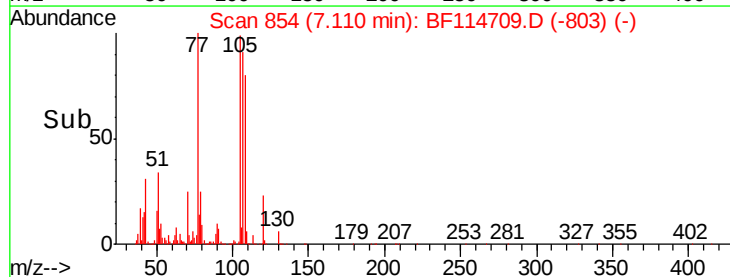
Abundance

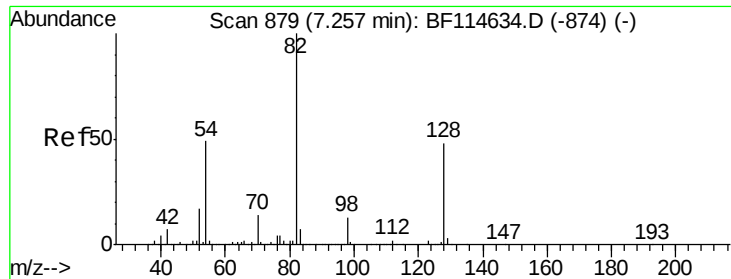
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

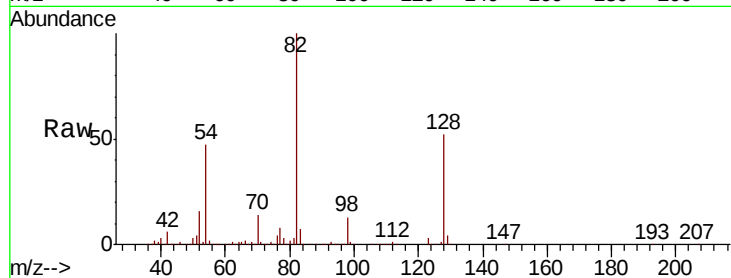




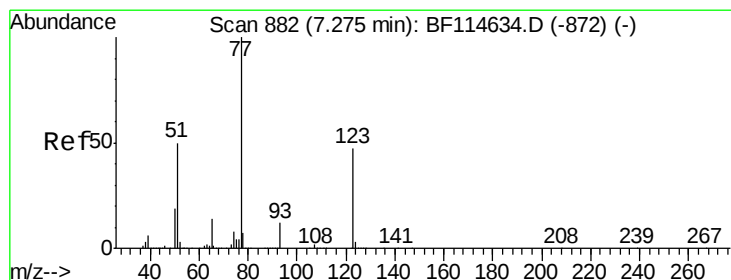
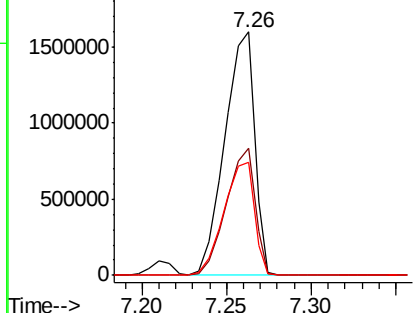
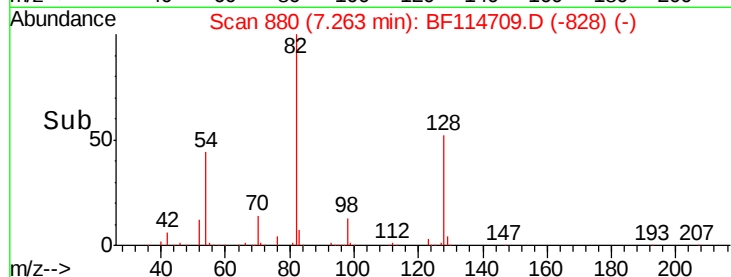
#23
 Nitrobenzene-d5
 Concen: 91.873 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tgt Ion: 82 Resp: 1960742
 Ion Ratio Lower Upper
 82 100
 128 52.2 38.5 57.7
 54 46.6 39.1 58.7

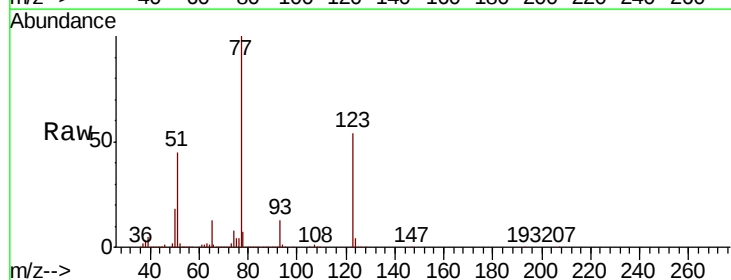


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

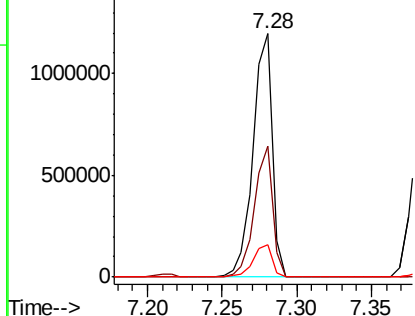
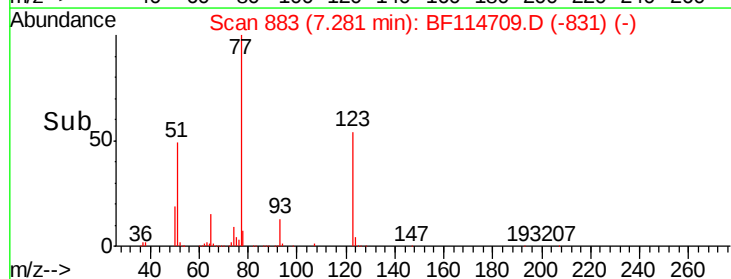


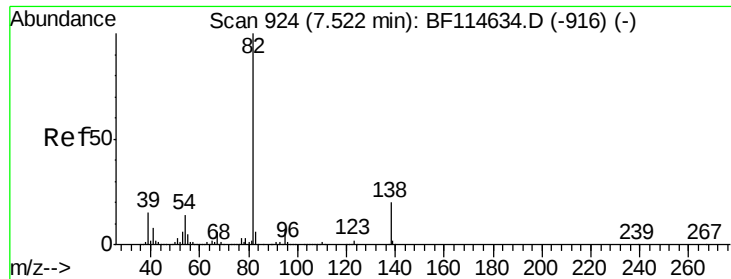
#24
 Nitrobenzene
 Concen: 46.650 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion: 77 Resp: 1057585
 Ion Ratio Lower Upper
 77 100
 123 53.8 38.5 57.7
 65 13.1 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

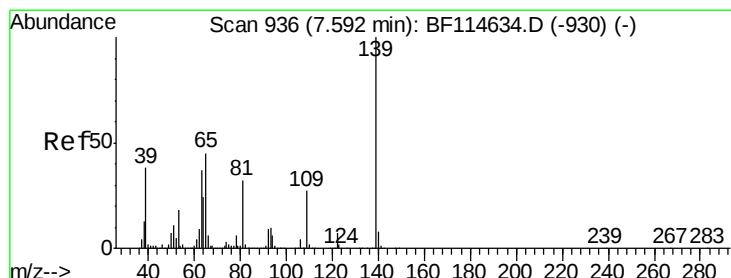
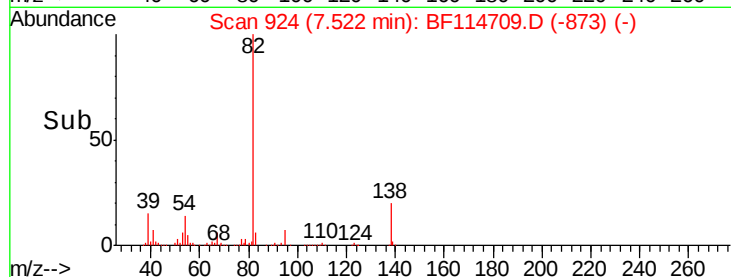
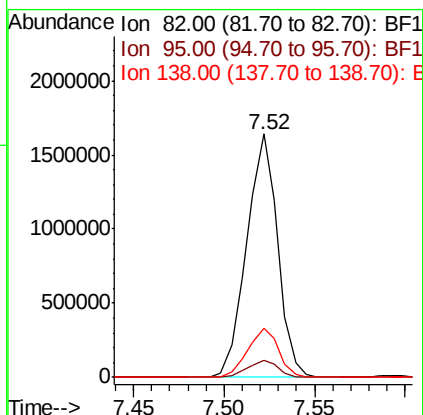
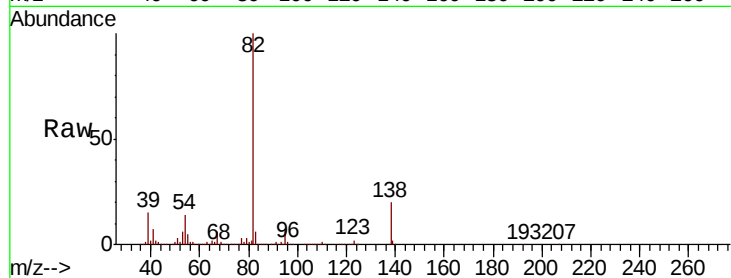




#25
Isophorone
Concen: 45.486 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

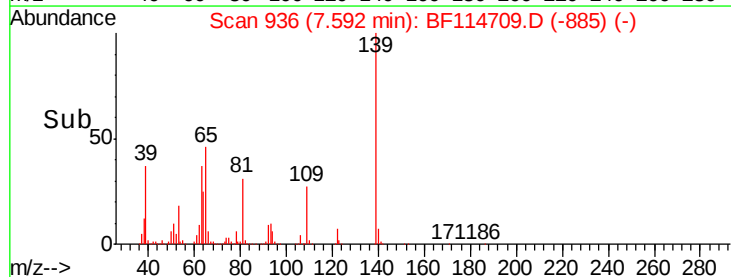
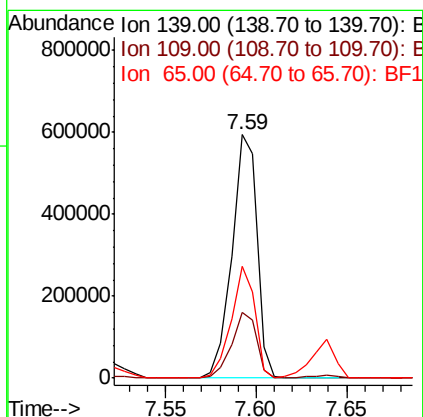
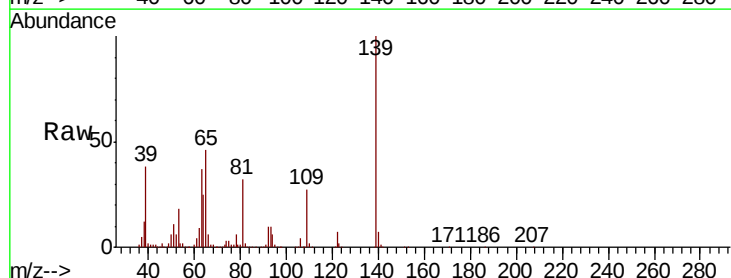
Instrument :
BNA_F
ClientSampleId :
TP-6MS

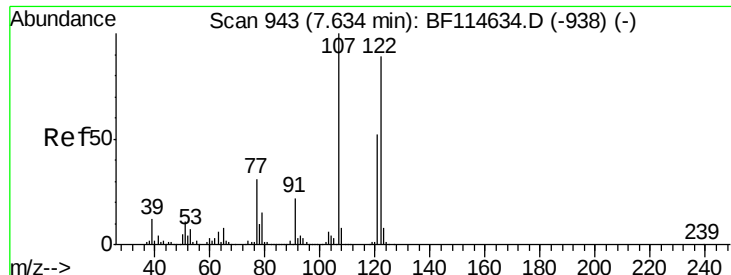
Tgt Ion: 82 Resp: 1948176
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.1 15.9 23.9



#26
2-Nitrophenol
Concen: 52.021 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion: 139 Resp: 574074
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 46.0 36.3 54.5

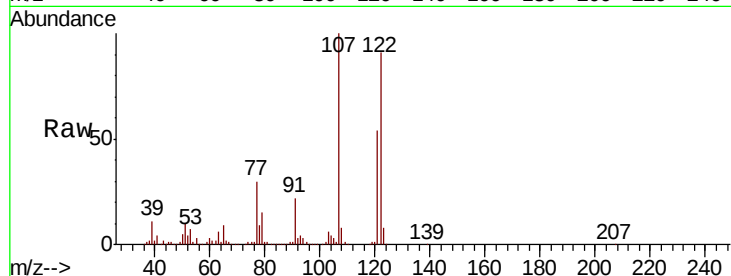




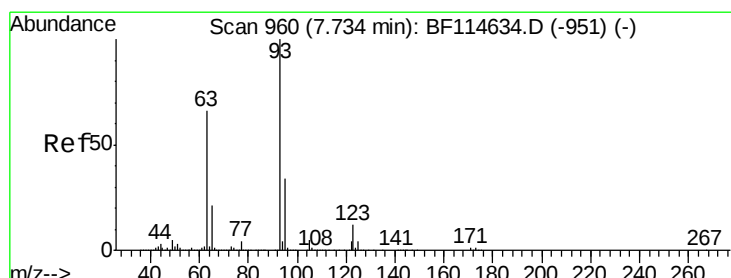
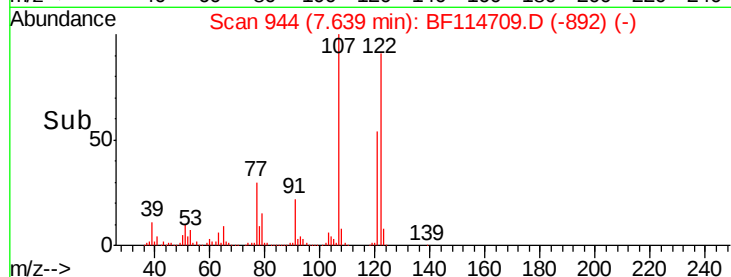
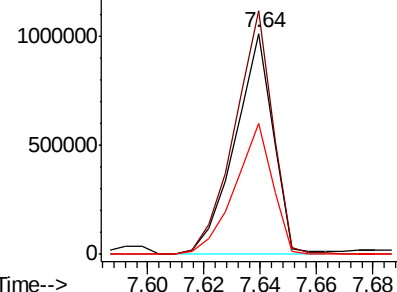
#27
 2,4-Dimethylphenol
 Concen: 51.820 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampled :
 TP-6MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.3	133.9
121	59.6	46.8	70.2

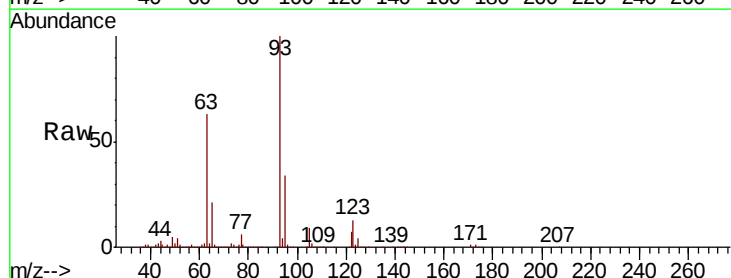


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

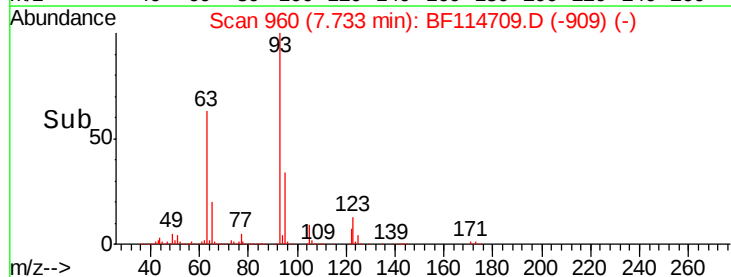
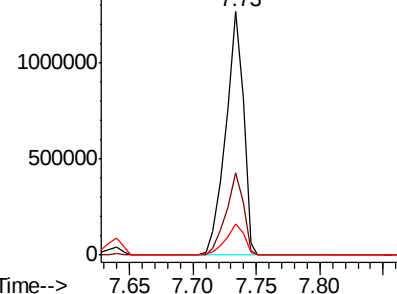


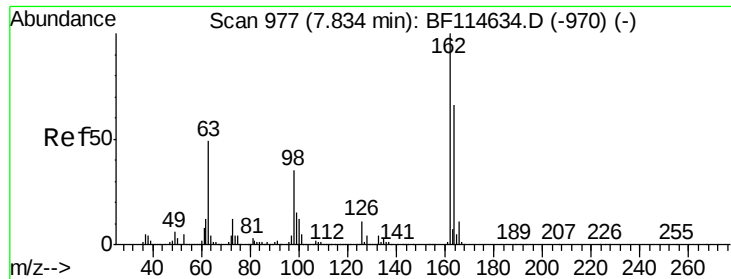
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.452 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.4
123	12.7	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

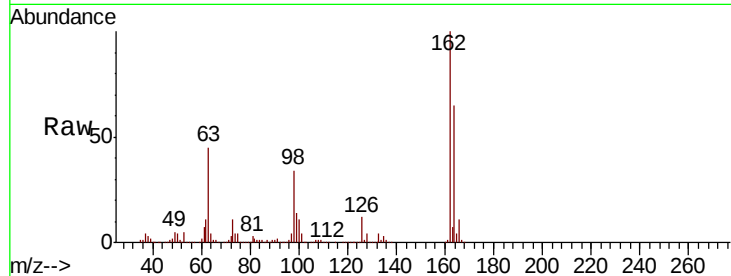




#29
2,4-Dichlorophenol
Concen: 49.052 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.8	85.8
98	33.6	14.9	54.9

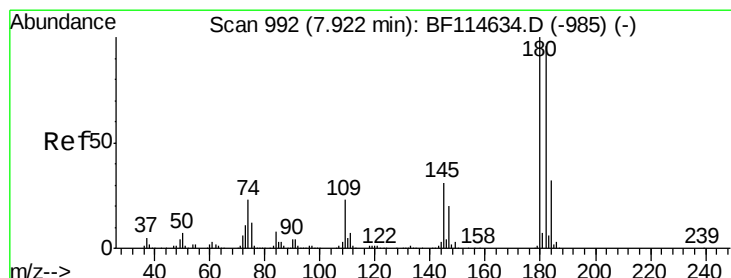
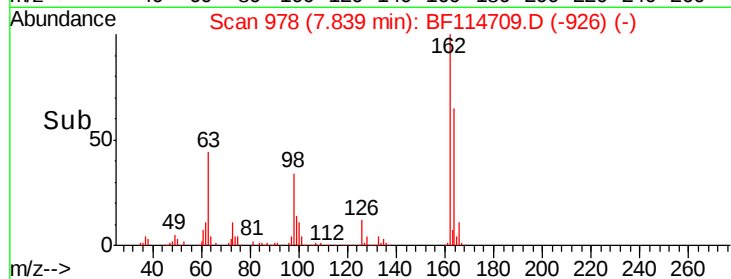
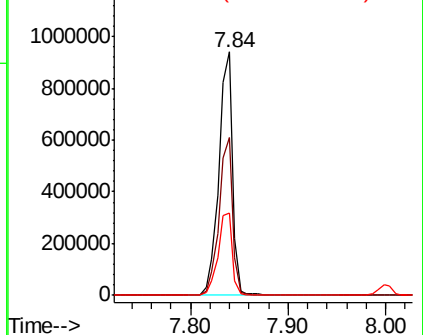


Abundance

Ion 162.00 (161.70 to 162.70): E

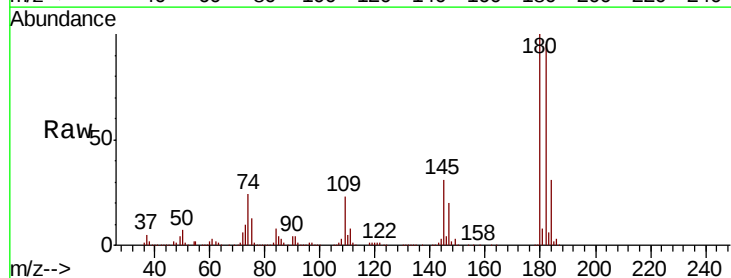
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.732 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	31.1	24.5	36.7

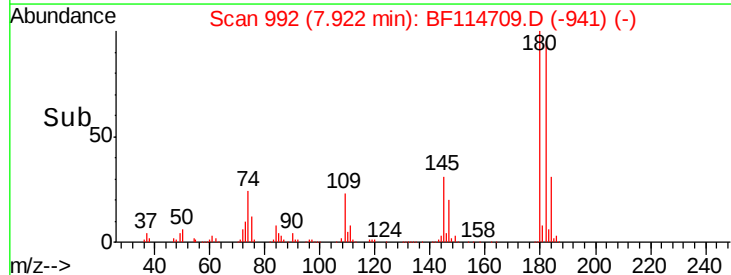
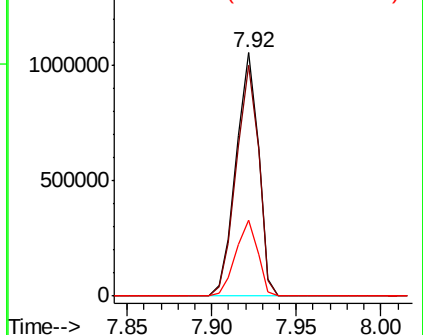


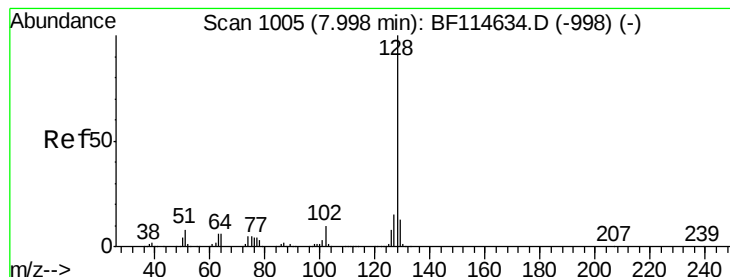
Abundance

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: 45.830 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

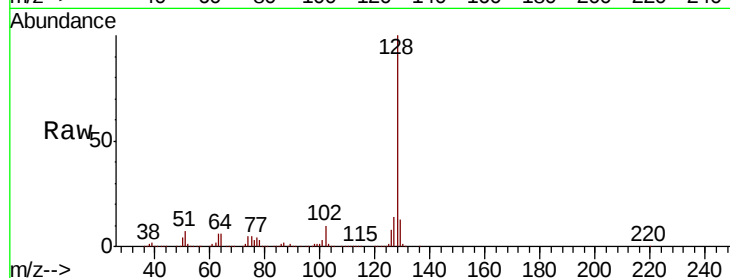
Tgt Ion:128 Resp: 2810825

Ion Ratio Lower Upper

128 100

129 12.6 10.2 15.2

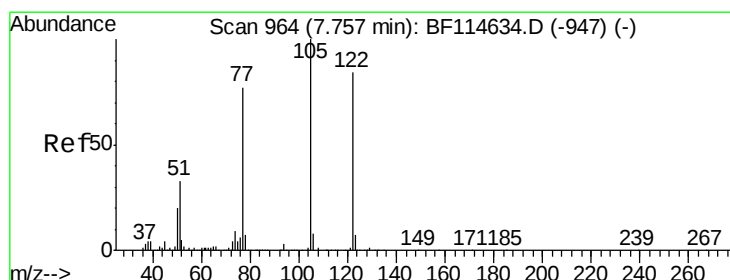
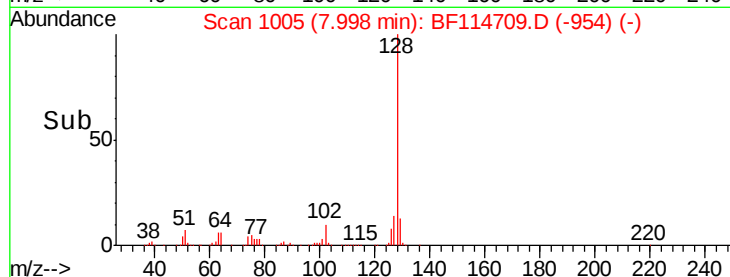
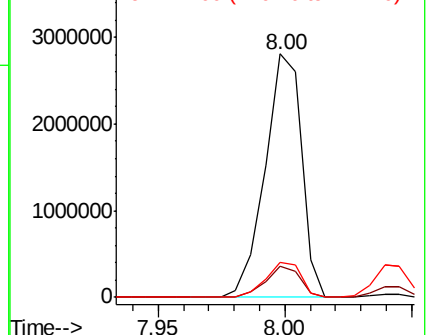
127 14.4 11.9 17.9



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: 22.364 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

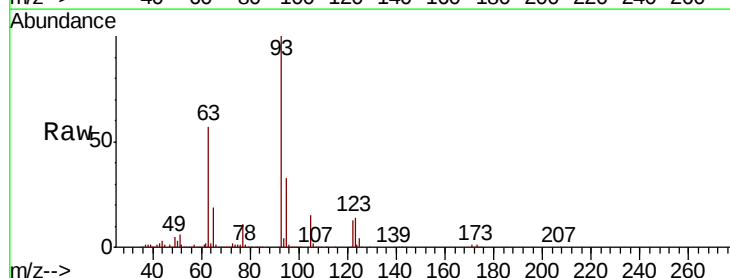
Tgt Ion:122 Resp: 266597

Ion Ratio Lower Upper

122 100

105 120.0 98.3 138.3

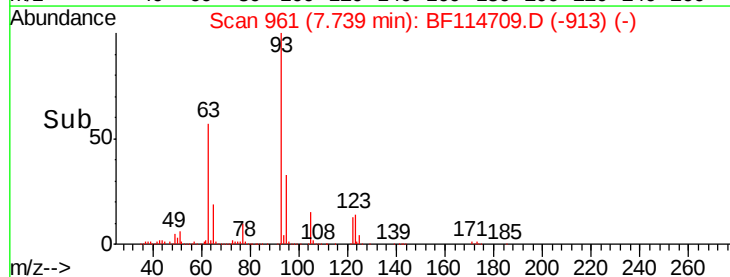
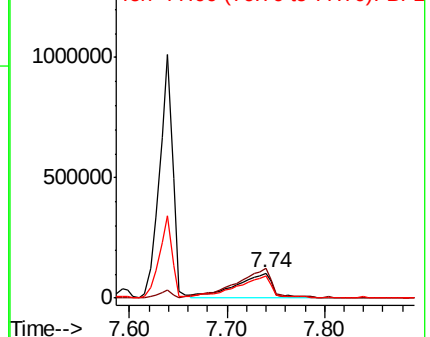
77 88.1 70.7 110.7



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

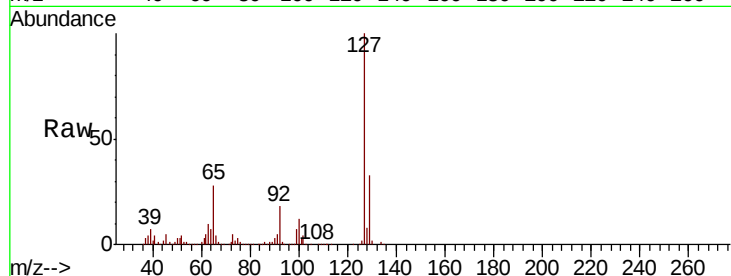




#33
4-Chloroaniline
Concen: 13.431 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:	127	Resp:	392469
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	28.0	22.5	33.7
92	18.1	14.6	22.0



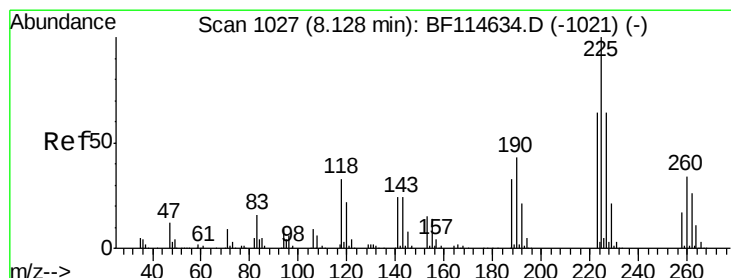
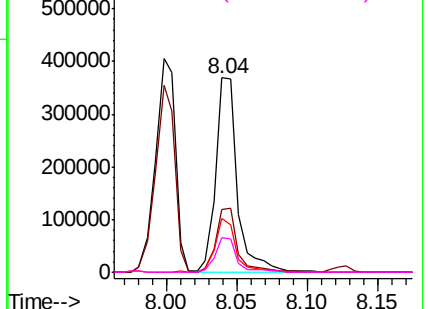
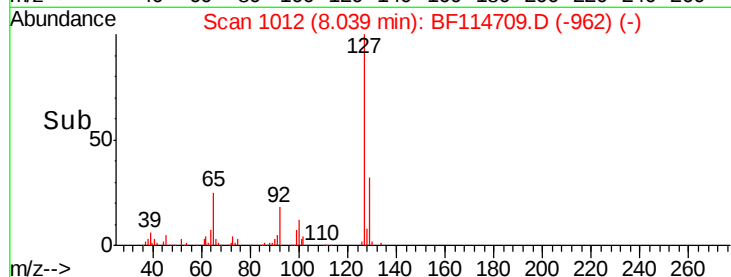
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

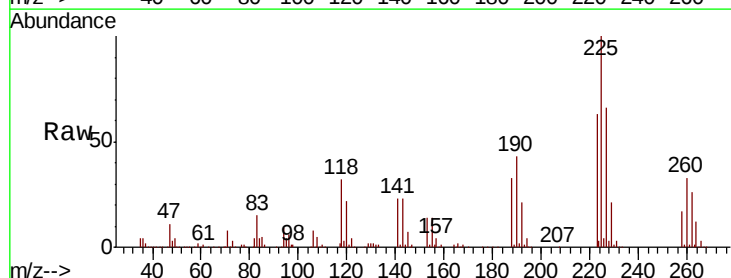
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.401 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:	225	Resp:	513146
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	65.5	51.3	76.9

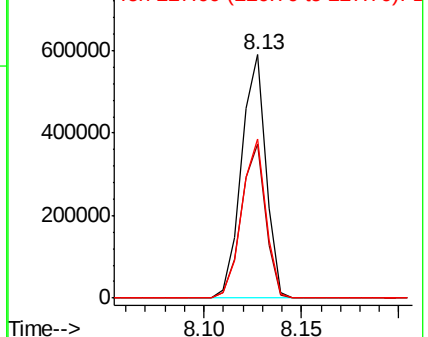
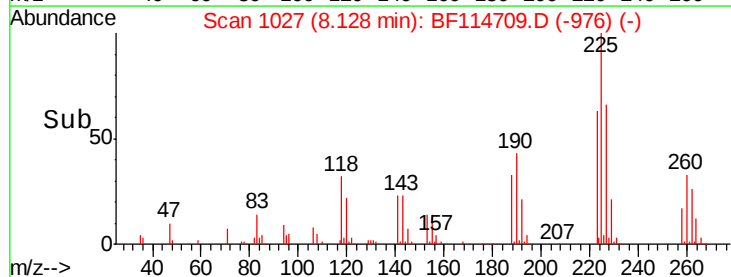


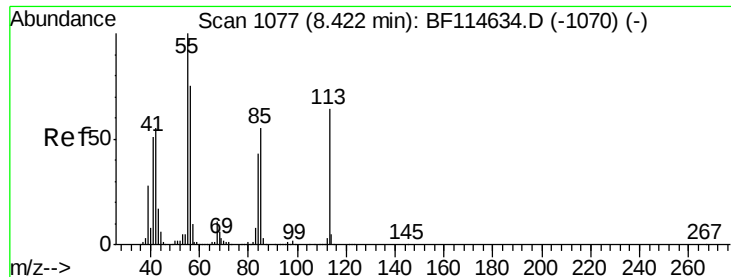
Abundance

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

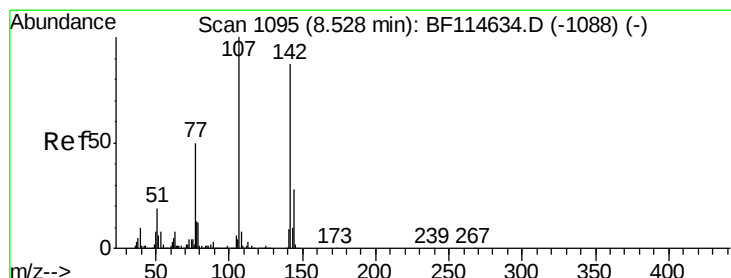
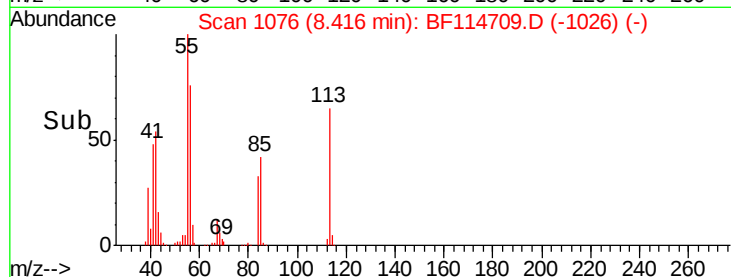
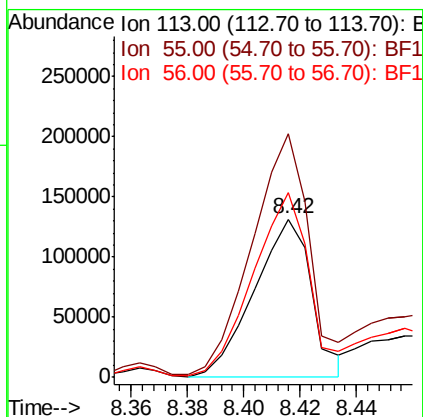
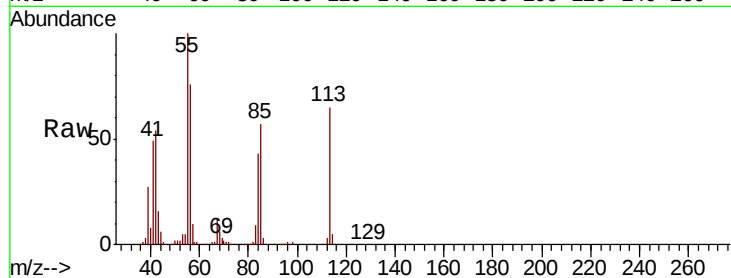




#35
 Caprolactam
 Concen: 29.228 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

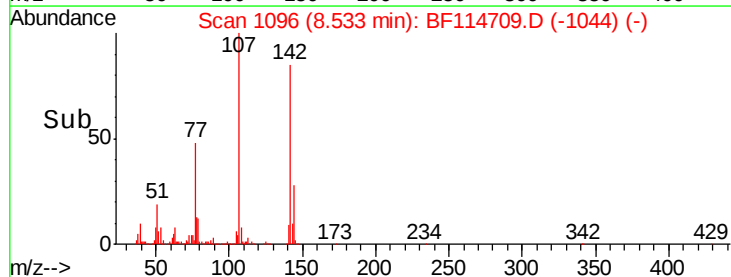
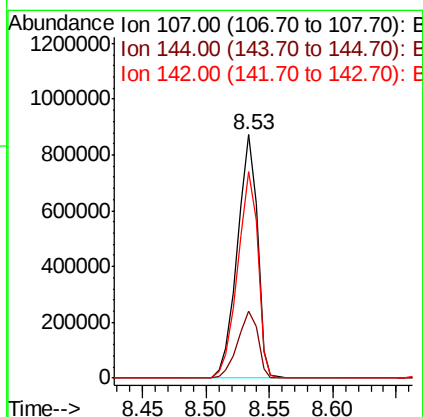
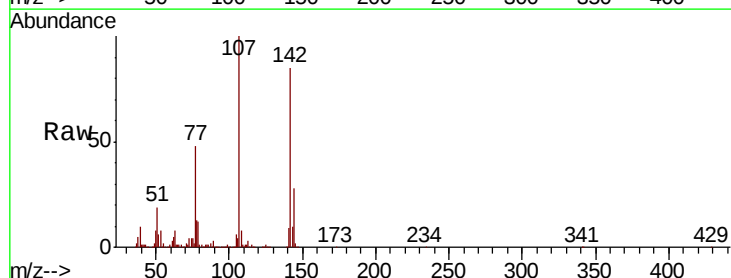
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

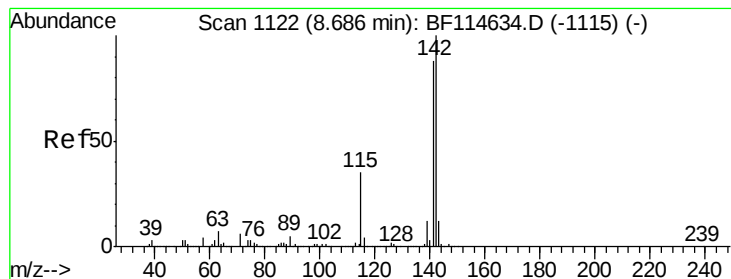
Tgt Ion:113 Resp: 184260
 Ion Ratio Lower Upper
 113 100
 55 153.9 136.4 176.4
 56 117.1 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.670 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:107 Resp: 949260
 Ion Ratio Lower Upper
 107 100
 144 27.6 22.5 33.7
 142 84.8 69.8 104.6





#37

2-Methylnaphthalene

Concen: 47.758 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

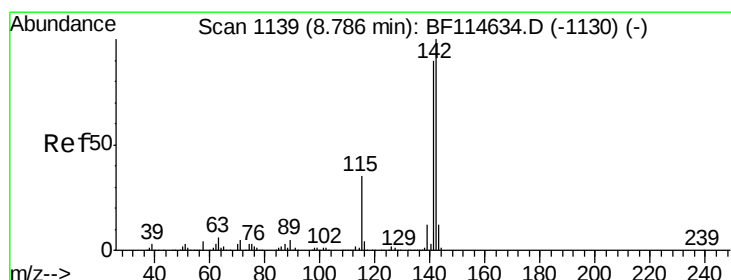
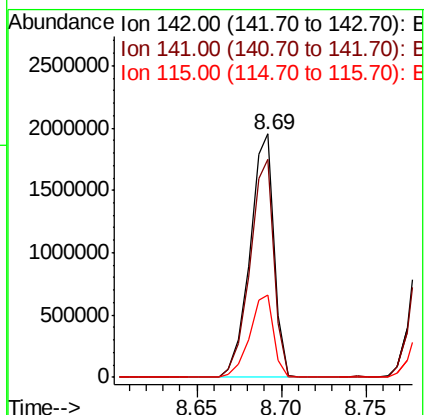
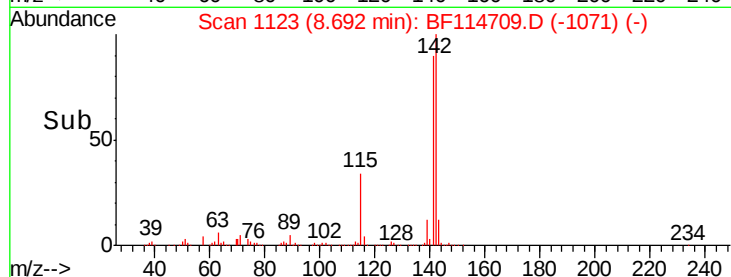
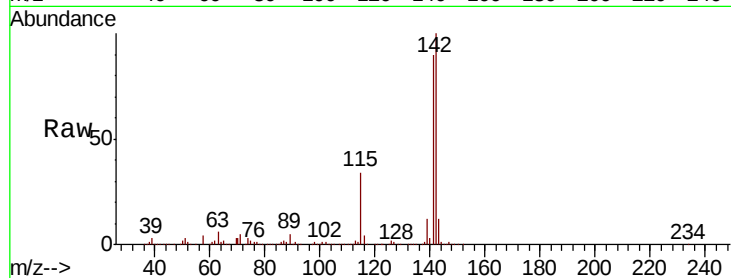
Tgt Ion:142 Resp: 1946151

Ion Ratio Lower Upper

142 100

141 89.6 70.3 105.5

115 34.0 28.0 42.0



#38

1-Methylnaphthalene

Concen: 47.864 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

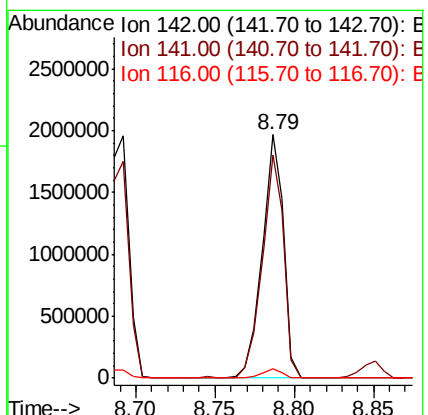
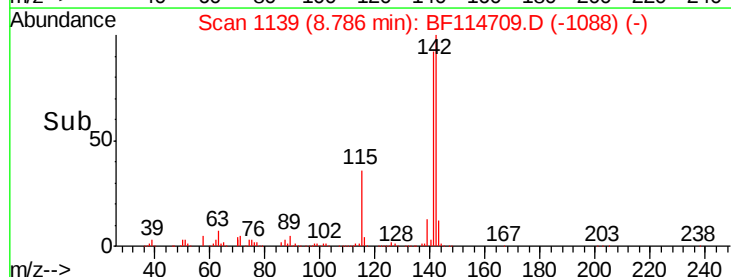
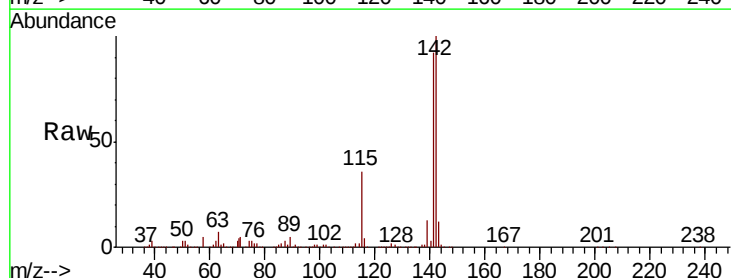
Tgt Ion:142 Resp: 1847984

Ion Ratio Lower Upper

142 100

141 91.5 72.3 108.5

116 3.9 3.0 4.4

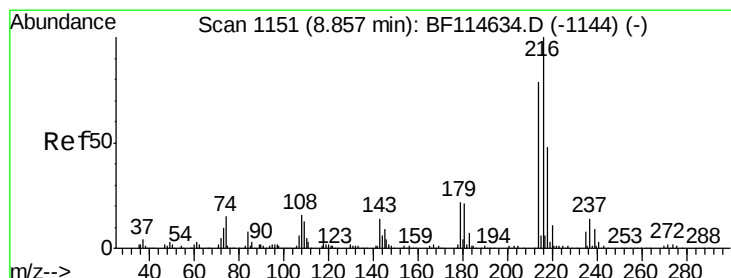
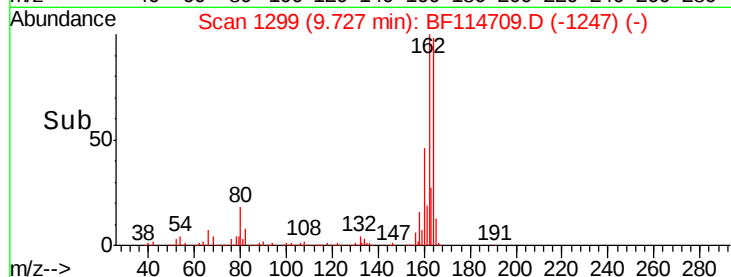
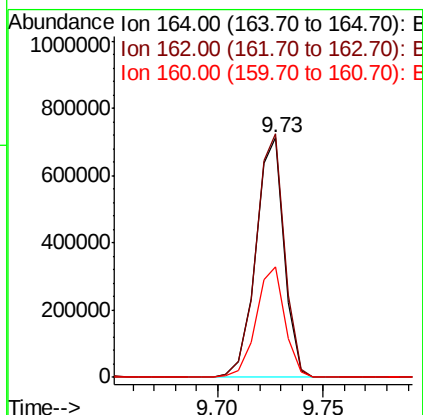
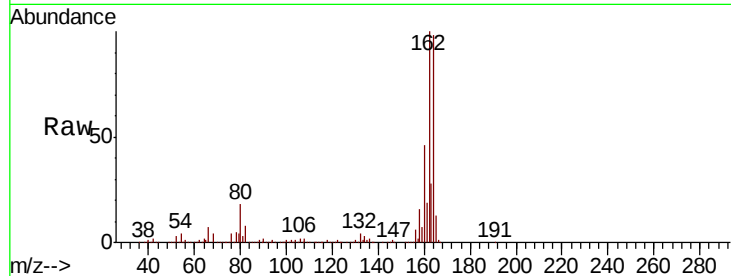




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

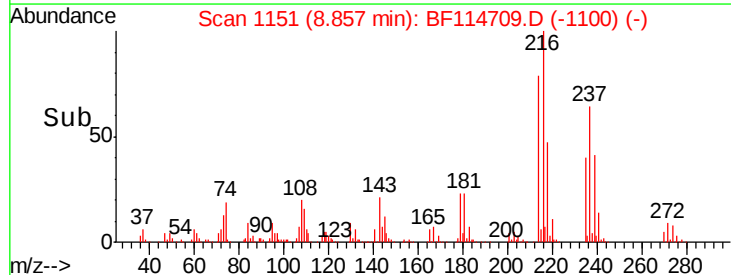
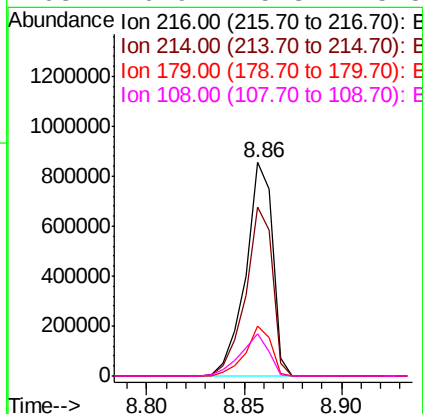
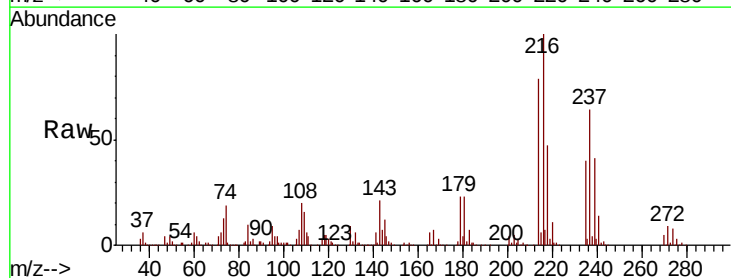
Instrument :
BNA_F
ClientSampleId :
TP-6MS

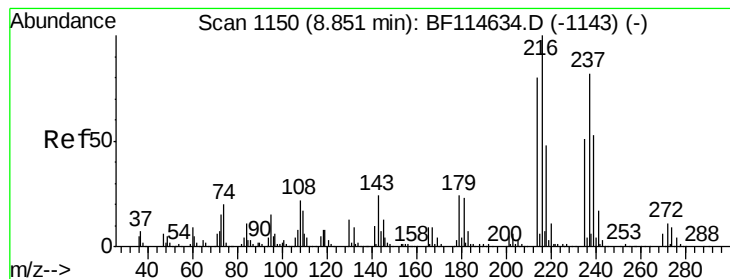
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	46.3	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.274 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.2	94.8
179	22.5	17.9	26.9
108	20.9	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 83.893 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

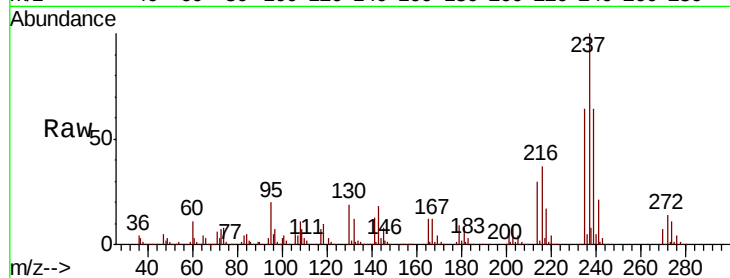
Tgt Ion: 237 Resp: 977497

Ion Ratio Lower Upper

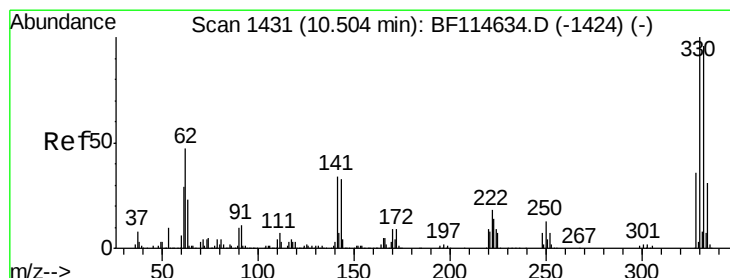
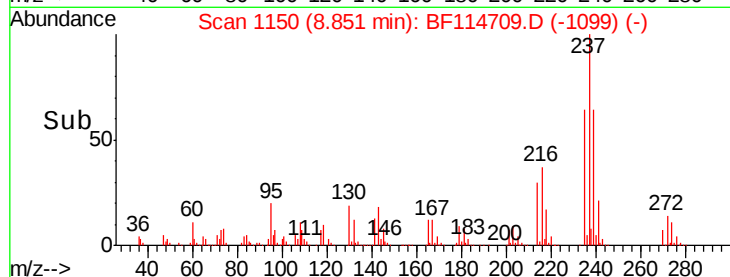
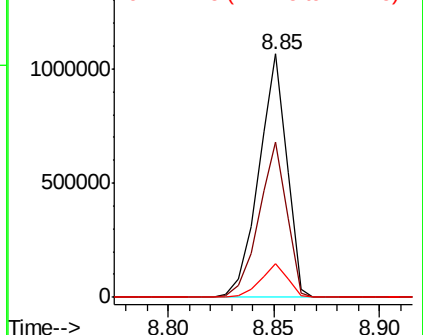
237 100

235 63.8 42.8 82.8

272 13.7 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: 144.641 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

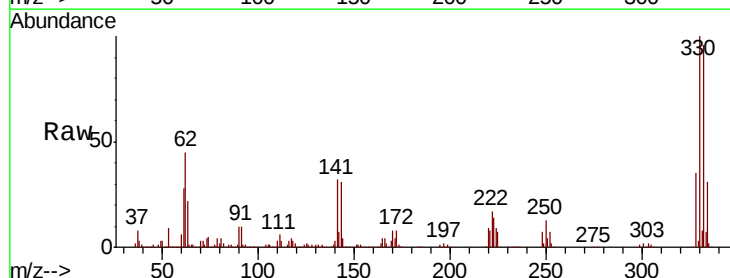
Tgt Ion: 330 Resp: 912505

Ion Ratio Lower Upper

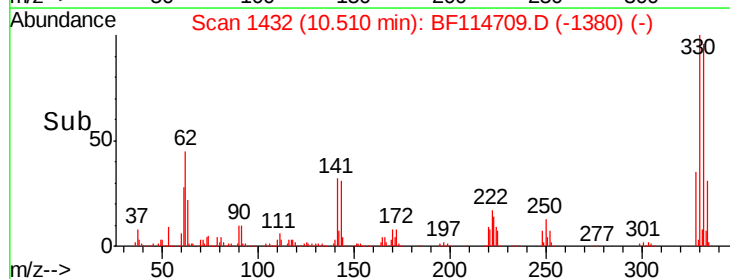
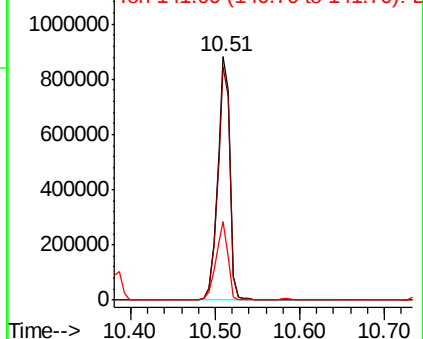
330 100

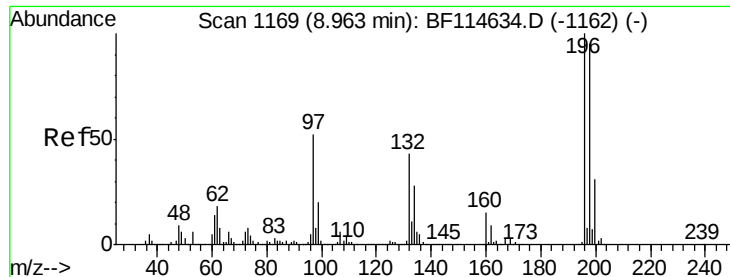
332 96.0 75.8 113.8

141 31.9 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

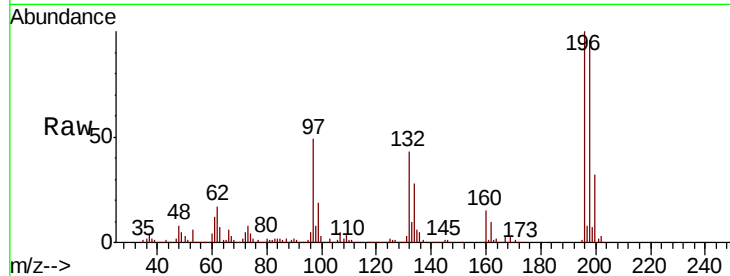




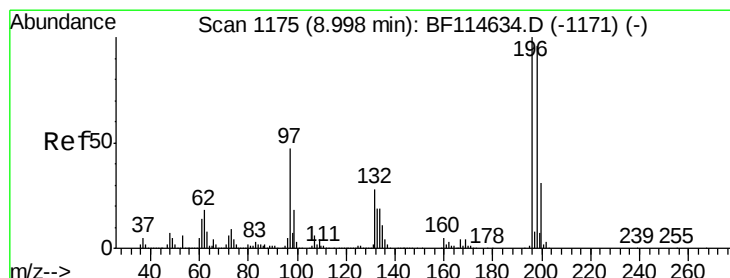
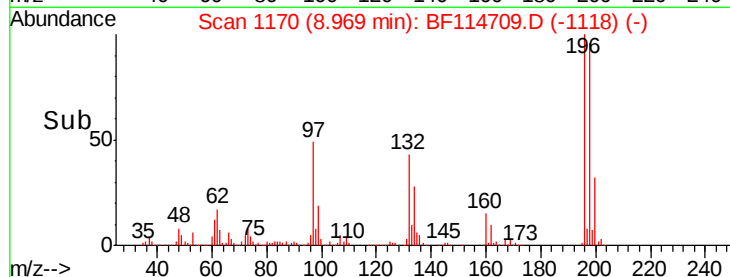
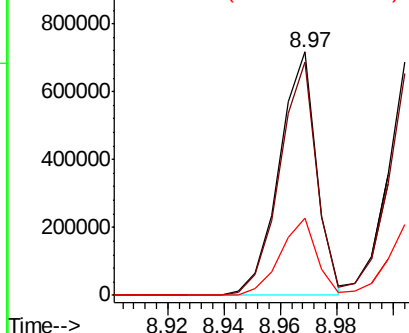
#43
 2,4,6-Trichlorophenol
 Concen: 47.292 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleID :
 TP-6MS

Tgt Ion:196 Resp: 656119
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.1 114.1
 200 31.6 24.7 37.1

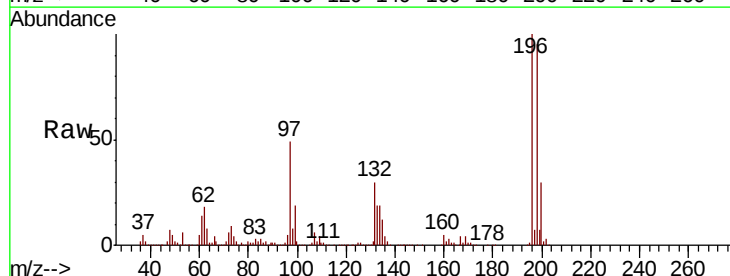


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

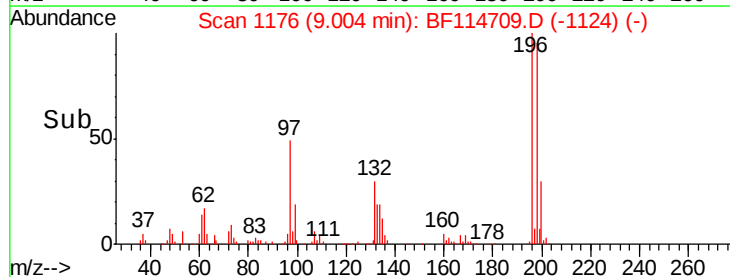
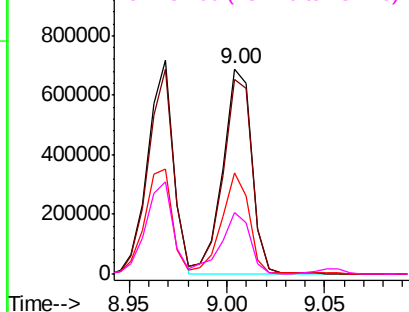


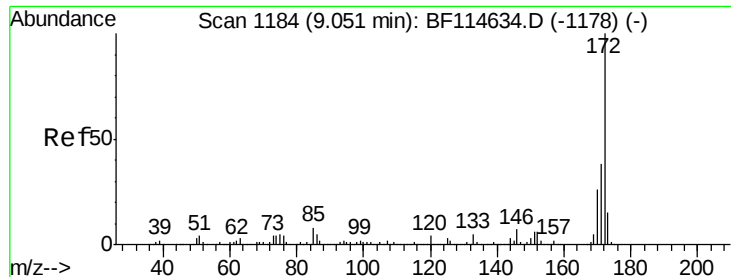
#44
 2,4,5-Trichlorophenol
 Concen: 51.083 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:196 Resp: 707219
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.8 115.2
 97 49.1 37.8 56.8
 132 30.2 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

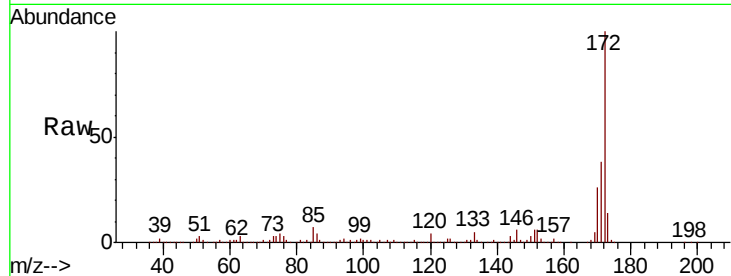




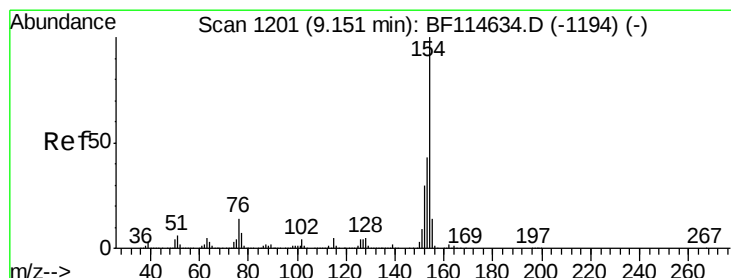
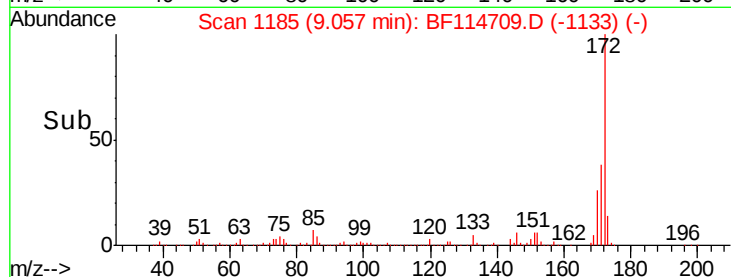
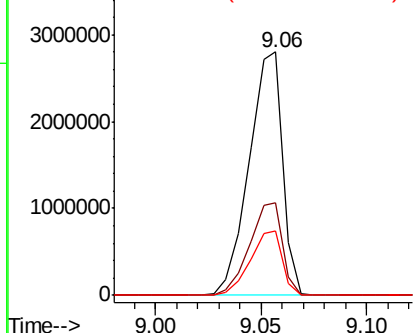
#45
 2-Fluorobiphenyl
 Concen: 88.153 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tgt Ion:172 Resp: 3086152
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.6 45.8
 170 26.3 20.7 31.1

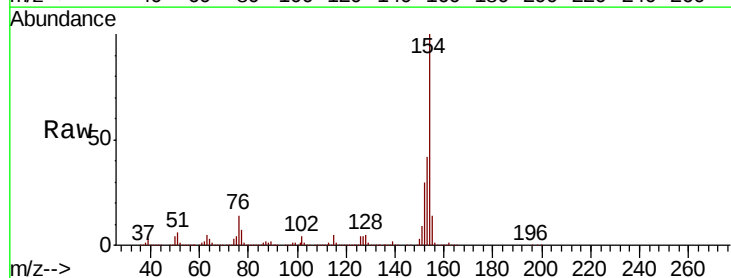


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

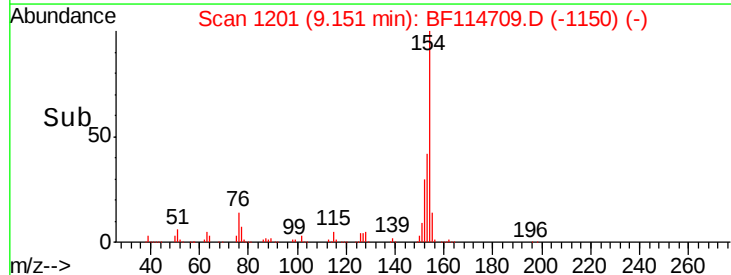
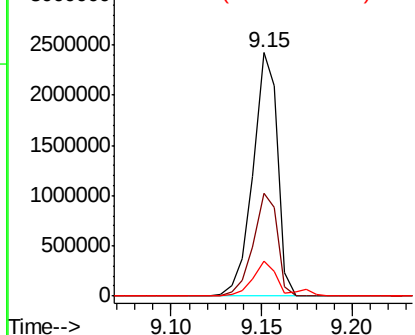


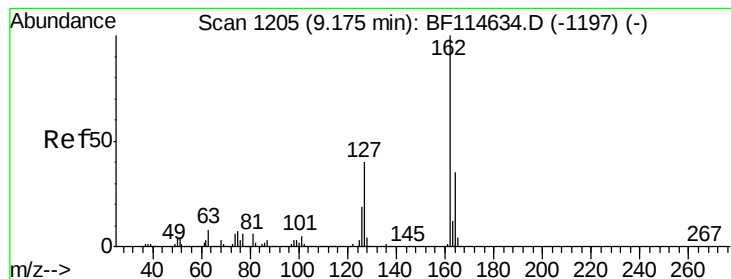
#46
 1,1'-Biphenyl
 Concen: 46.163 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:154 Resp: 2268800
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.0 63.0
 76 14.2 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: 45.694 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

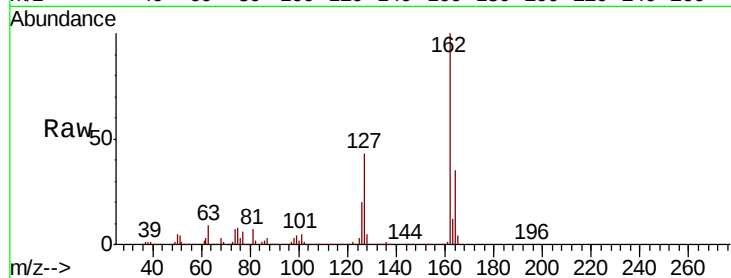
Tgt Ion: 162 Resp: 1842202

Ion Ratio Lower Upper

162 100

127 42.8 32.2 48.2

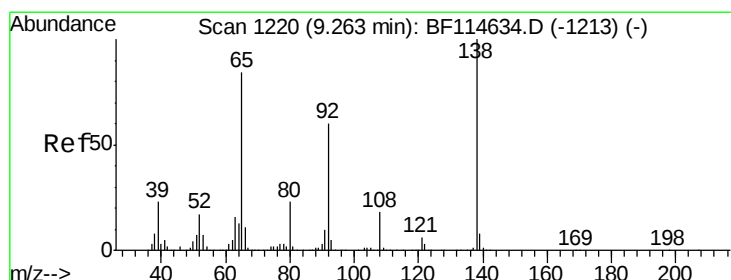
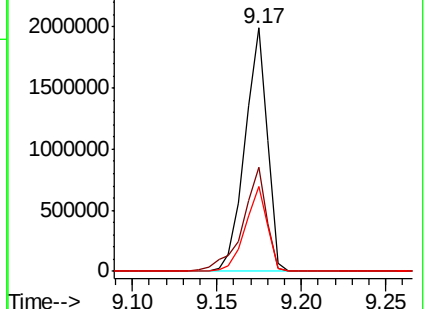
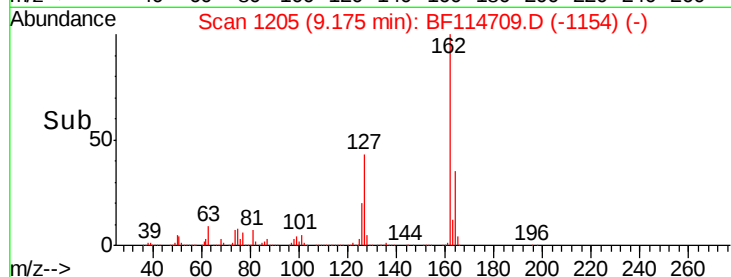
164 34.7 27.8 41.6



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: 46.795 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

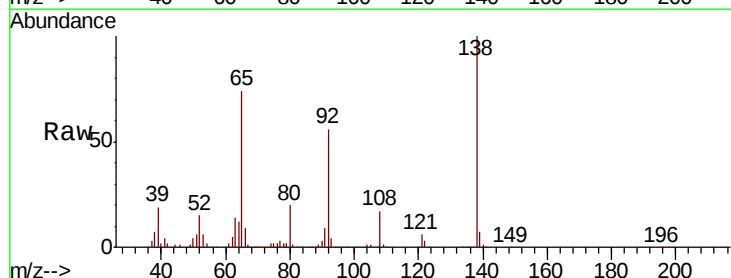
Tgt Ion: 65 Resp: 582190

Ion Ratio Lower Upper

65 100

92 76.4 57.1 85.7

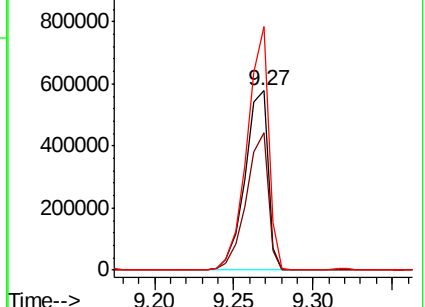
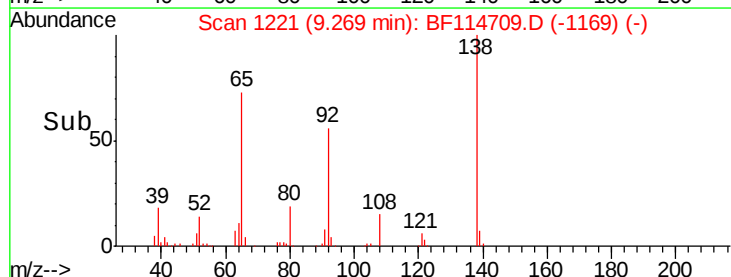
138 135.8 95.8 143.6

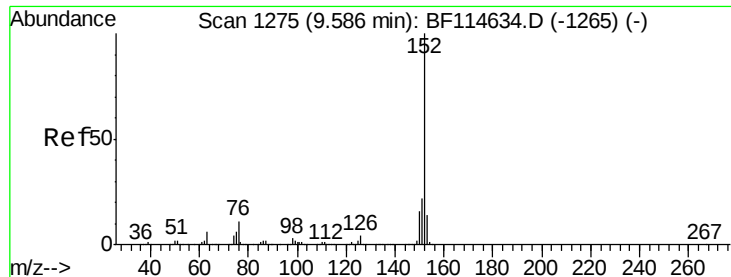


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.761 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

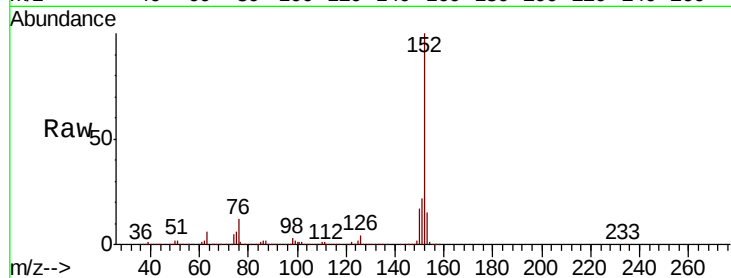
Tgt Ion:152 Resp: 2850140

Ion Ratio Lower Upper

152 100

151 22.3 17.5 26.3

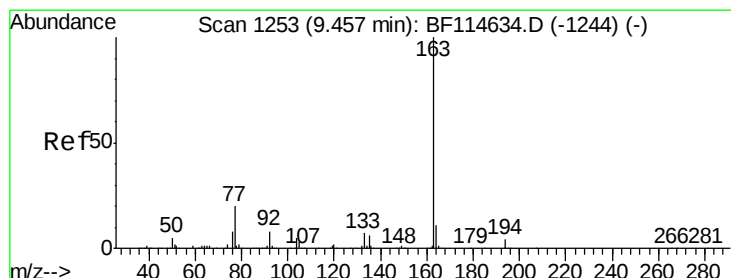
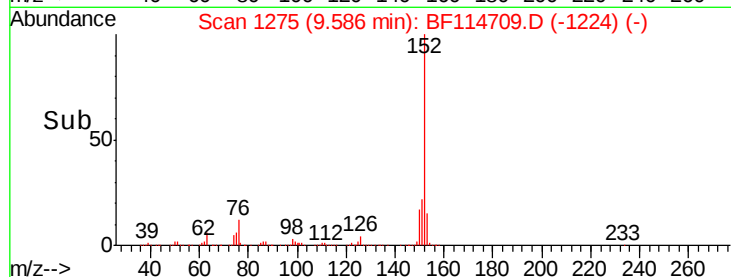
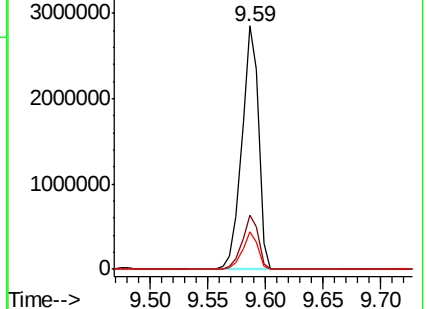
153 15.3 11.6 17.4



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: 58.144 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

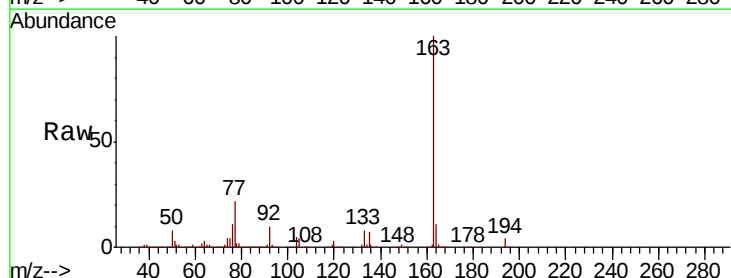
Tgt Ion:163 Resp: 2682528

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

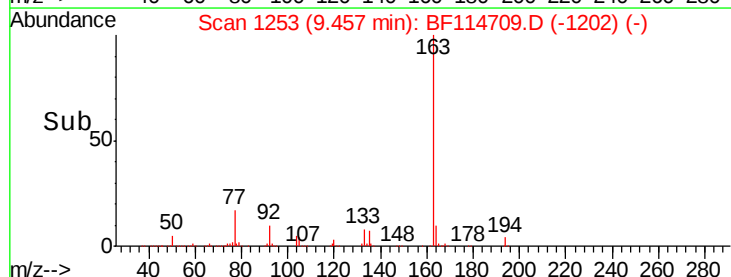
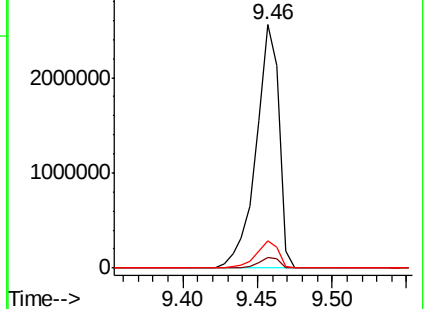
164 11.5 8.6 13.0

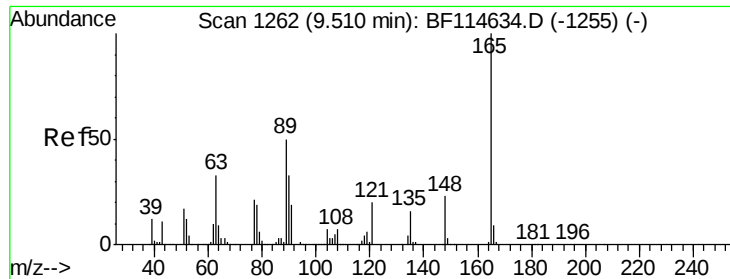


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.048 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

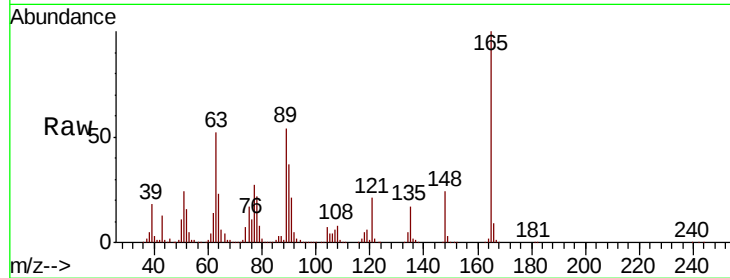
Tgt Ion:165 Resp: 536529

Ion Ratio Lower Upper

165 100

63 51.6 36.6 54.8

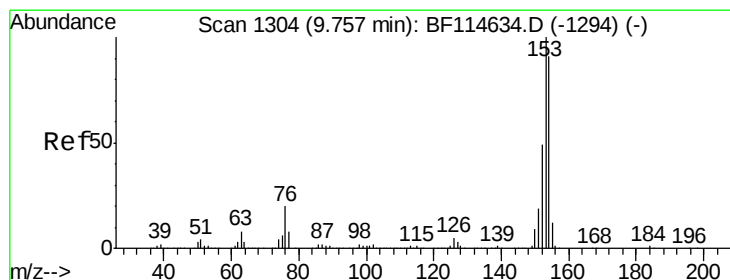
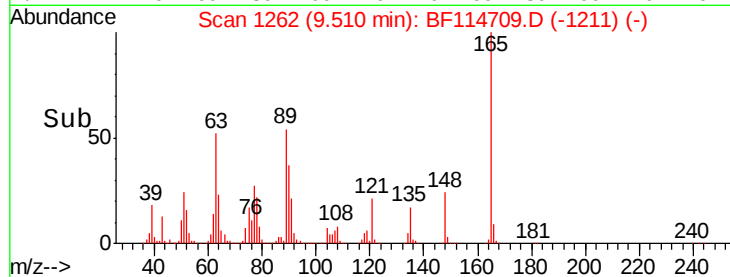
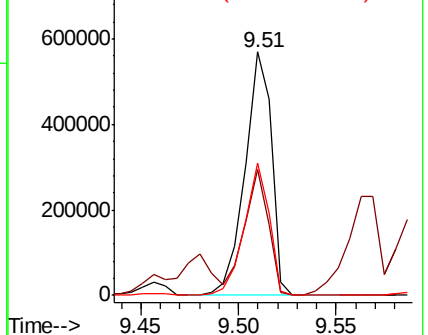
89 54.3 40.2 60.4



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: 49.111 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

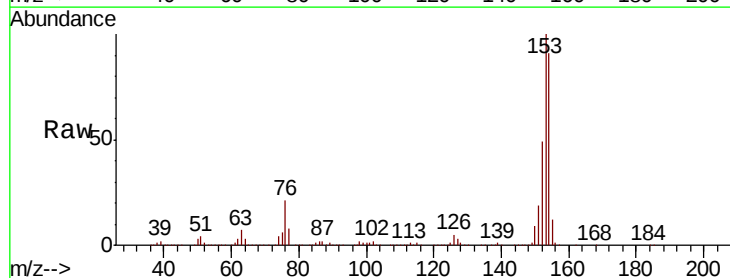
Tgt Ion:154 Resp: 1875893

Ion Ratio Lower Upper

154 100

153 110.1 88.4 132.6

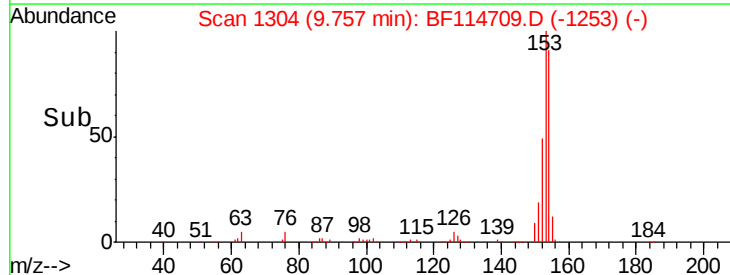
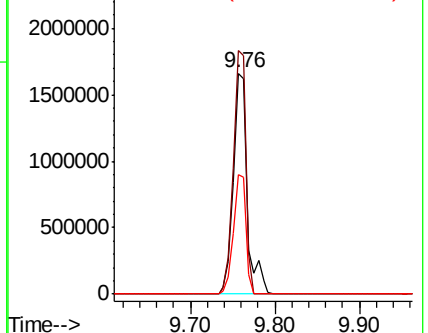
152 54.1 43.4 65.0

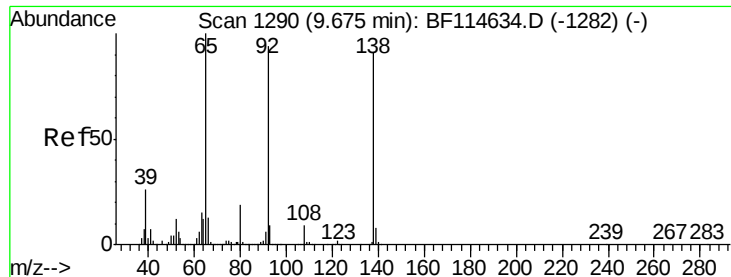


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

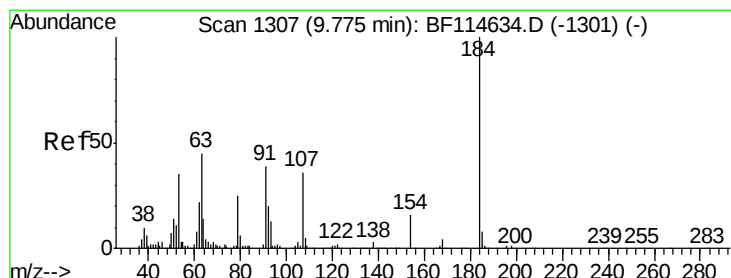
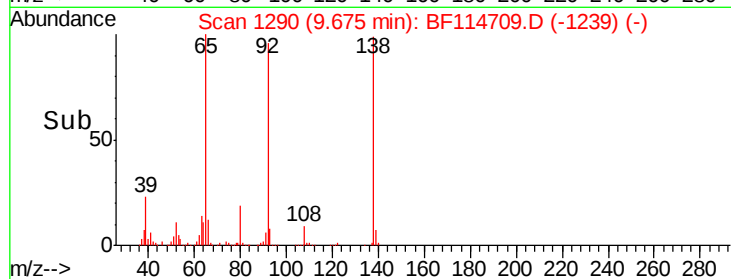
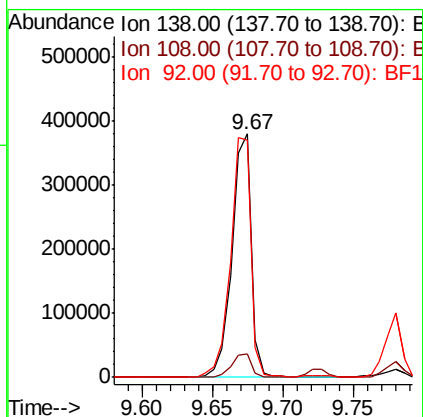
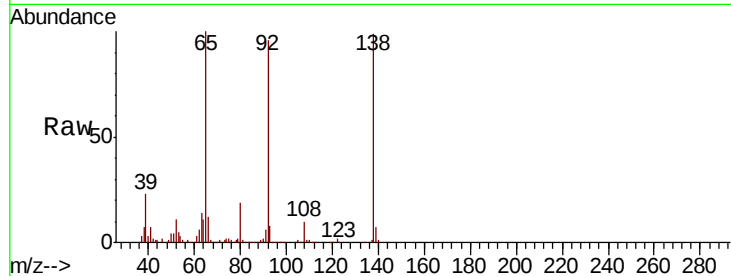




#53
 3-Nitroaniline
 Concen: 27.431 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

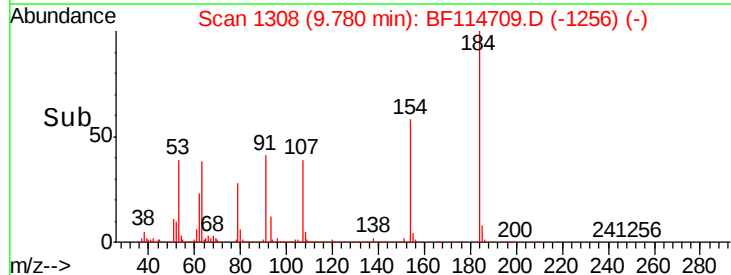
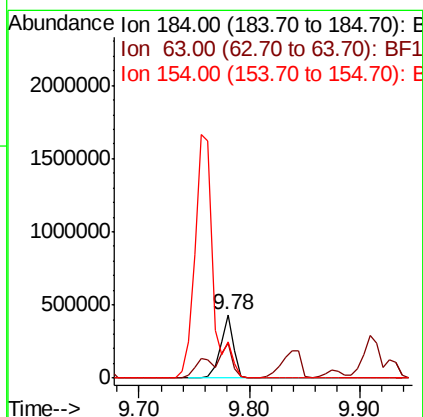
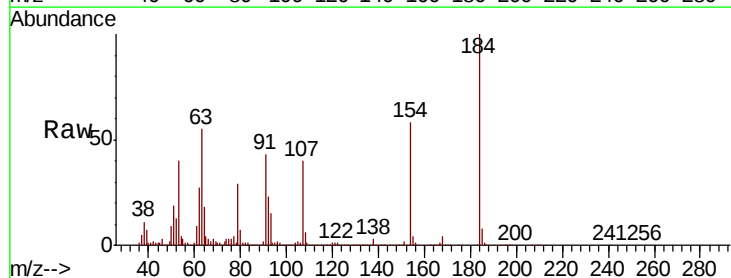
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

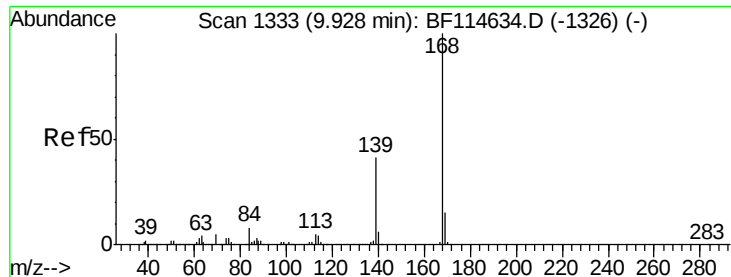
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.3	12.5
92	97.4	83.1	124.7



#54
 2,4-Dinitrophenol
 Concen: 84.314 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	38.8	58.2
154	57.8	43.7	65.5

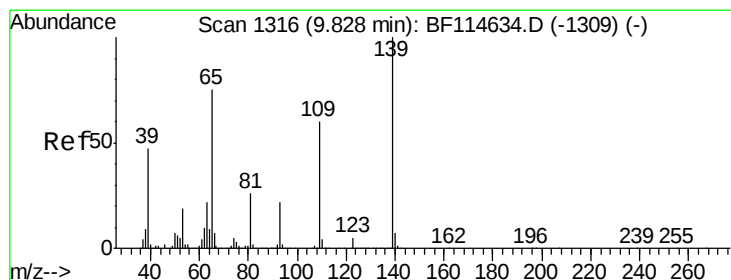
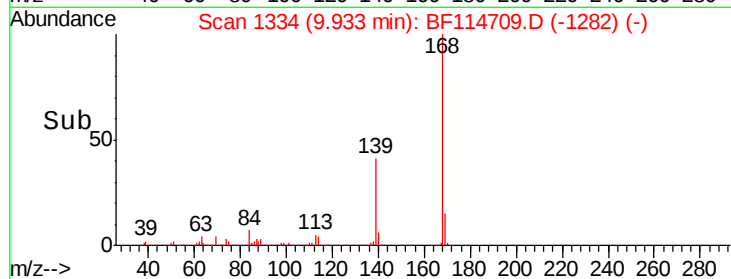
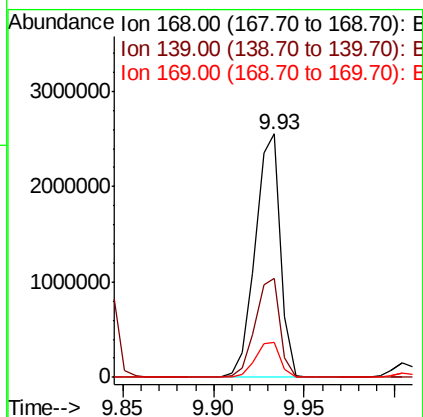
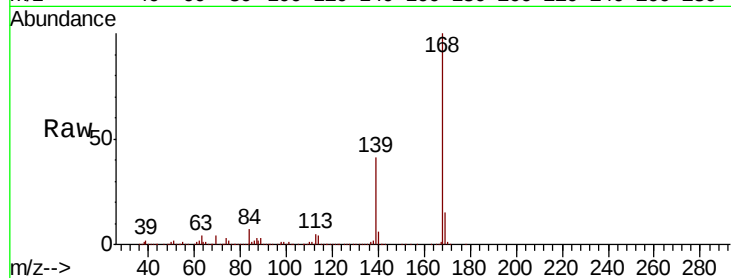




#55
Dibenzenofuran
Concen: 45.212 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

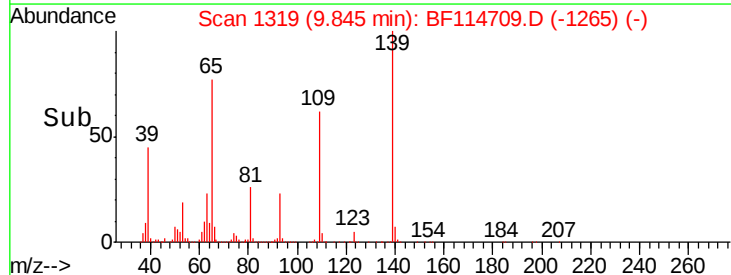
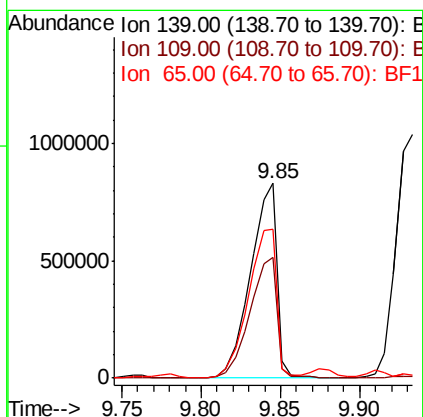
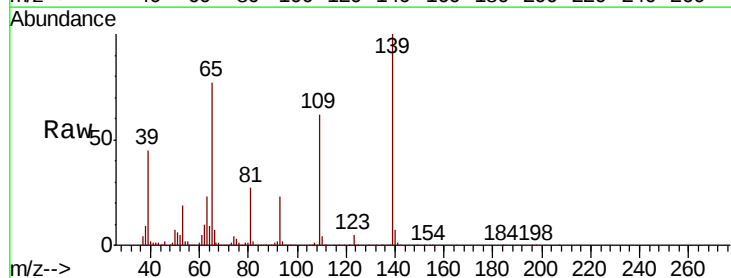
Instrument :
BNA_F
ClientSampleId :
TP-6MS

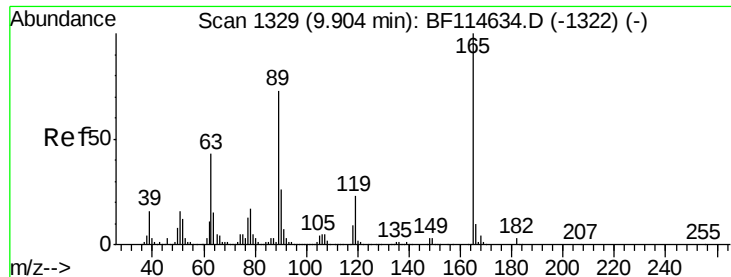
Tgt Ion:168 Resp: 2458221
Ion Ratio Lower Upper
168 100
139 40.6 32.6 48.8
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 98.971 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:139 Resp: 962305
Ion Ratio Lower Upper
139 100
109 61.9 40.4 80.4
65 76.8 54.7 94.7

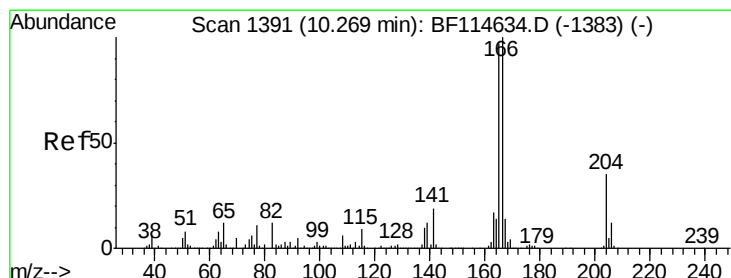
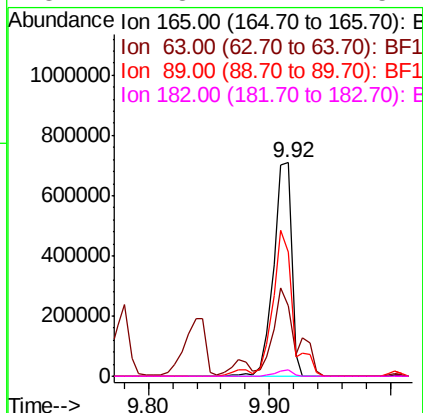
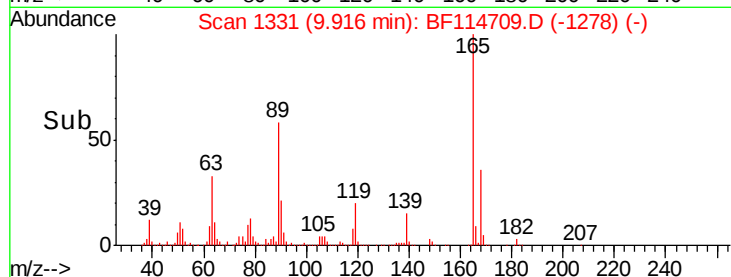
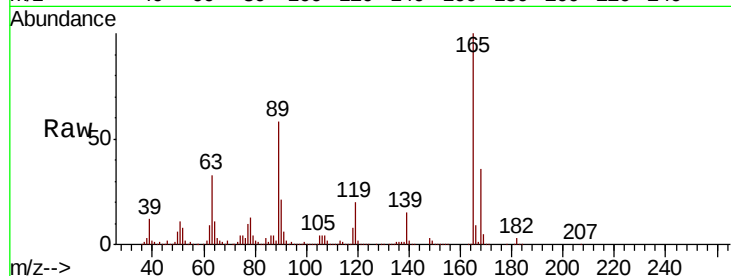




#57
2,4-Dinitrotoluene
Concen: 52.663 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

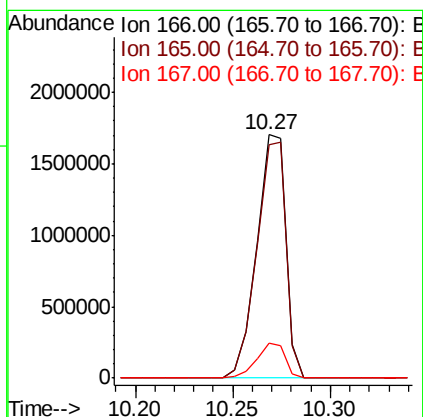
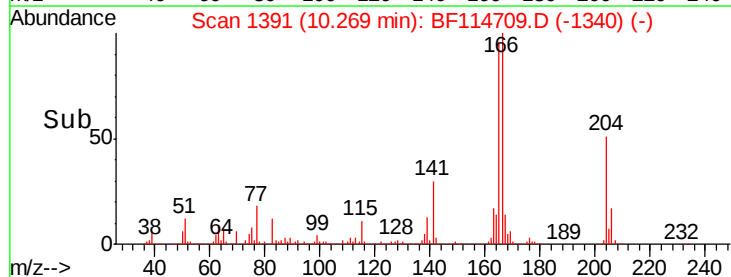
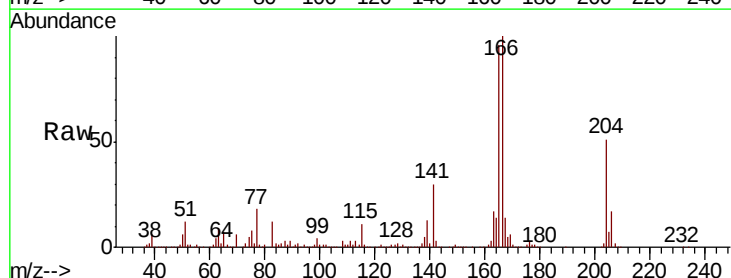
Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:165 Resp: 724566
Ion Ratio Lower Upper
165 100
63 33.1 34.8 52.2#
89 58.2 58.5 87.7#
182 2.8 2.2 3.2



#58
Fluorene
Concen: 50.478 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:166 Resp: 1758482
Ion Ratio Lower Upper
166 100
165 95.9 77.6 116.4
167 14.1 11.2 16.8

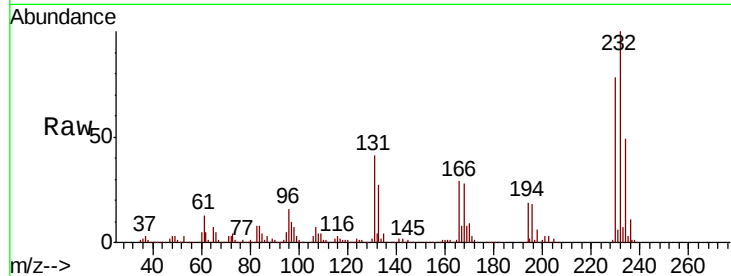




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.623 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.2	55.8
130	2.2	1.8	2.8
166	30.6	24.8	37.2



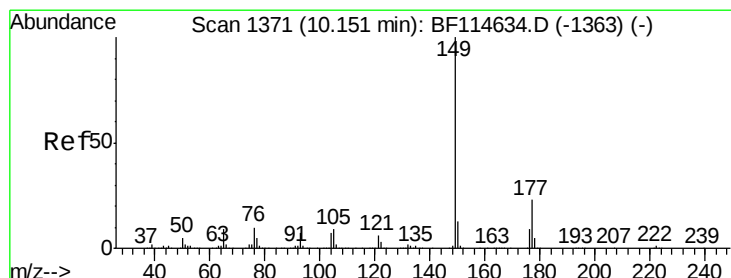
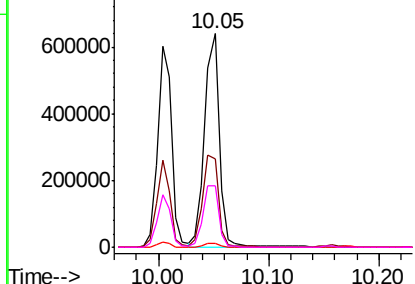
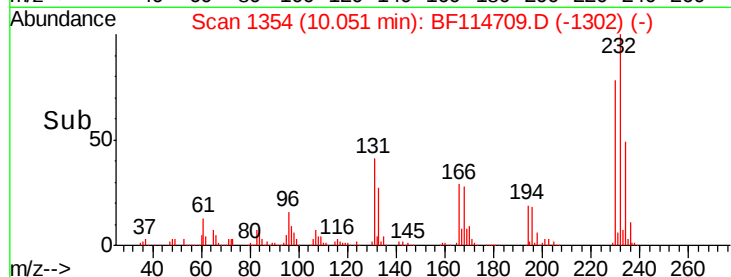
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

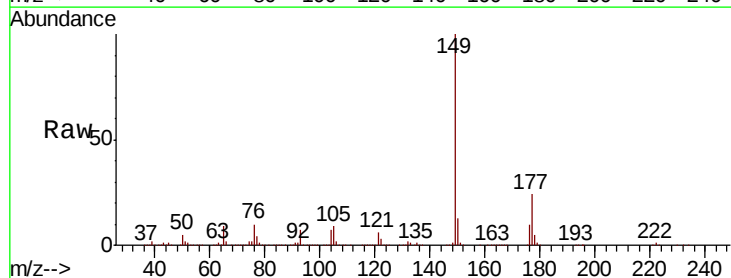
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.502 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.6	28.0
150	13.3	10.6	15.8

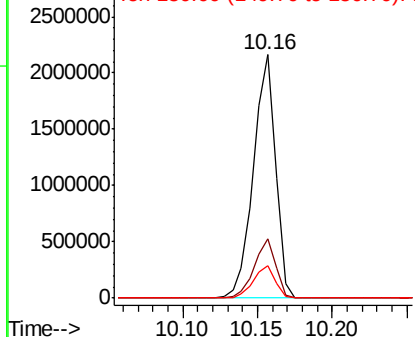
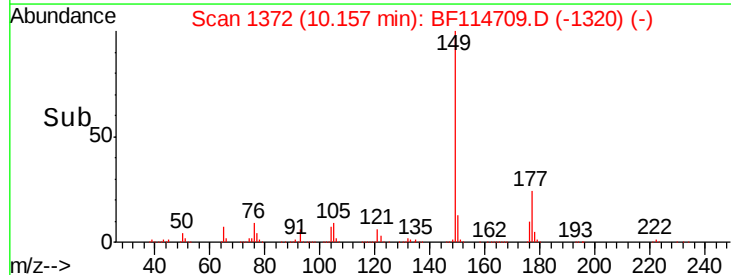


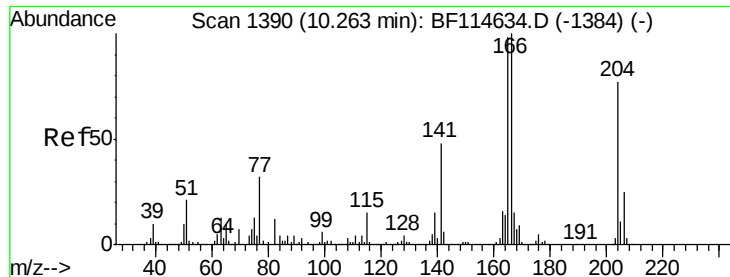
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

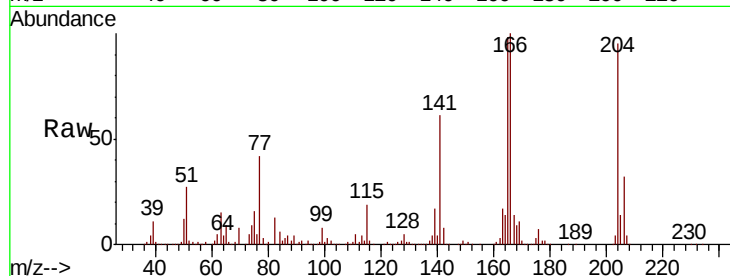




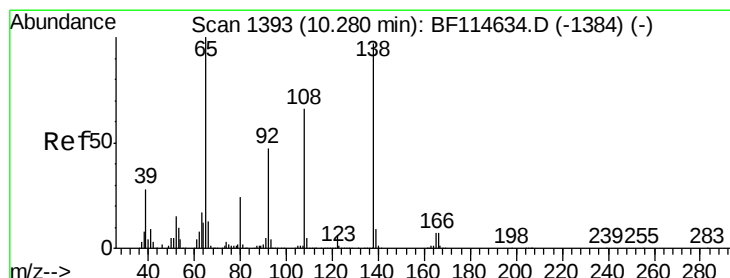
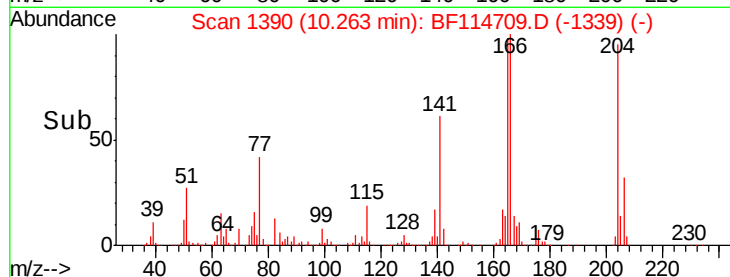
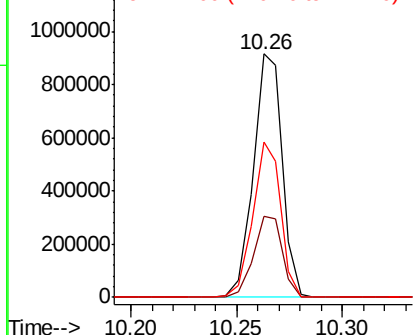
#61
4-Chlorophenyl-phenylether
Concen: 49.108 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:204 Resp: 869403
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 63.9 50.0 75.0

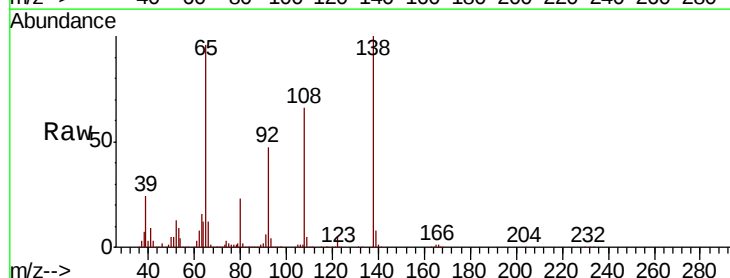


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

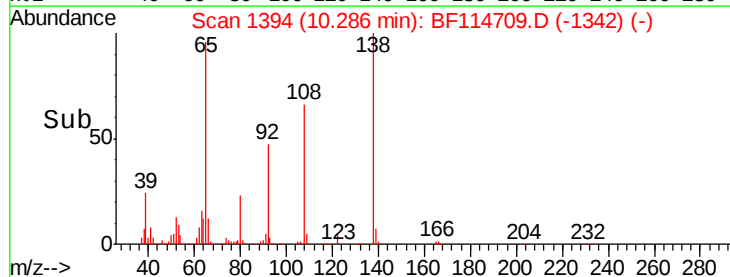
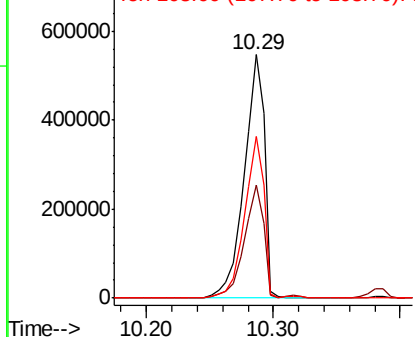


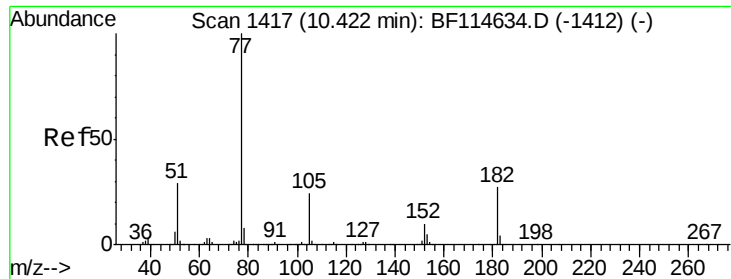
#62
4-Nitroaniline
Concen: 47.349 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:138 Resp: 605370
Ion Ratio Lower Upper
138 100
92 46.7 28.0 68.0
108 66.3 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

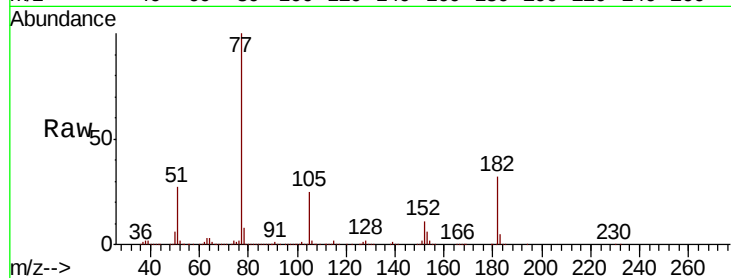




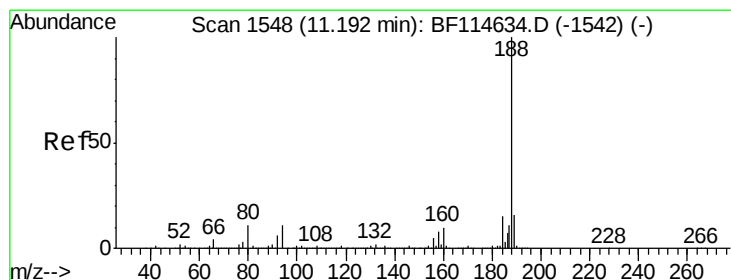
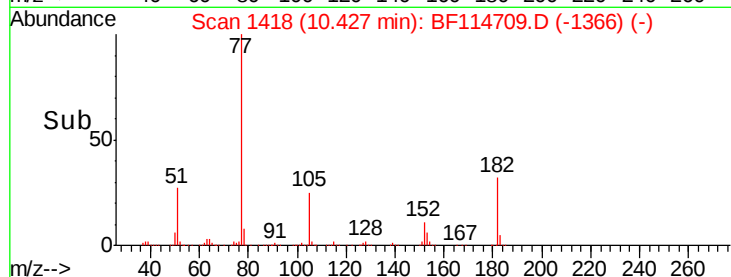
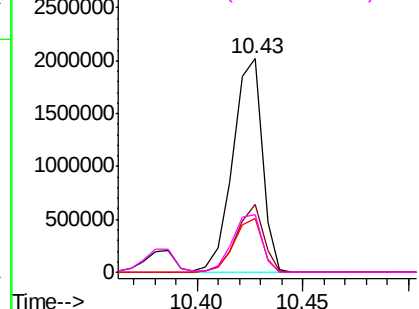
#63
Azobenzene
Concen: 44.733 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion: 77 Resp: 1935232
Ion Ratio Lower Upper
77 100
182 31.8 7.0 47.0
105 25.4 3.7 43.7
51 27.1 9.1 49.1

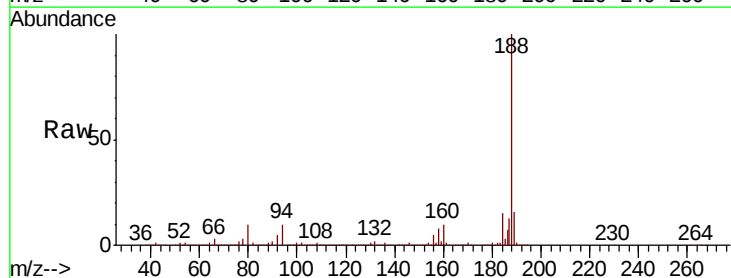


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

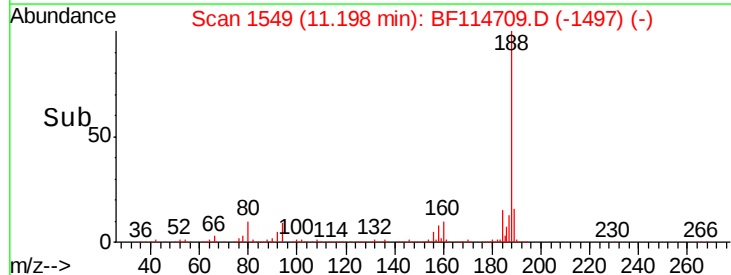
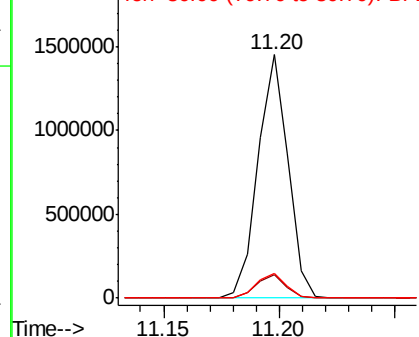


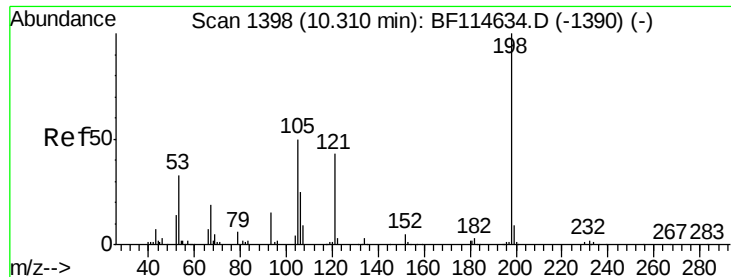
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion: 188 Resp: 1321977
Ion Ratio Lower Upper
188 100
94 9.6 8.6 13.0
80 10.0 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

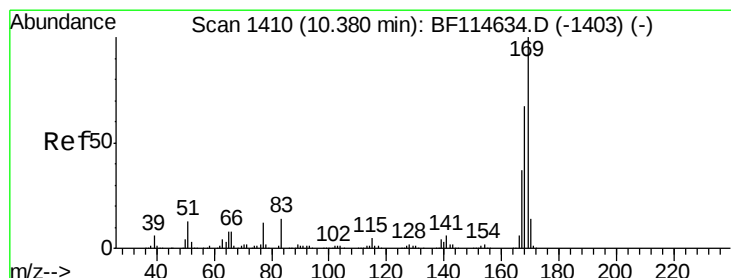
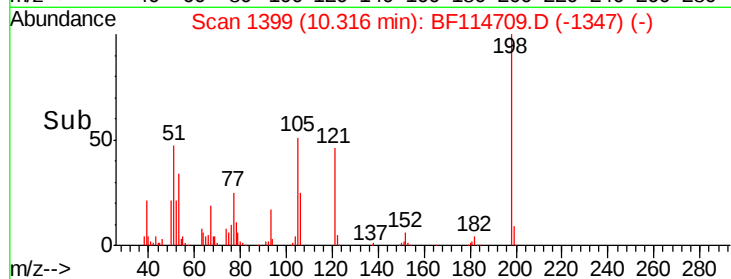
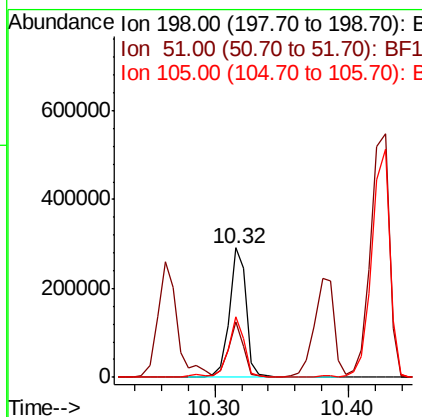
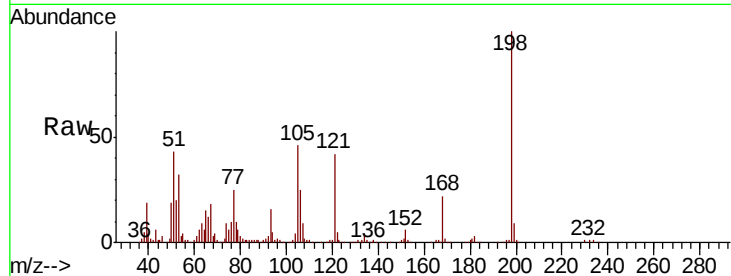




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.168 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

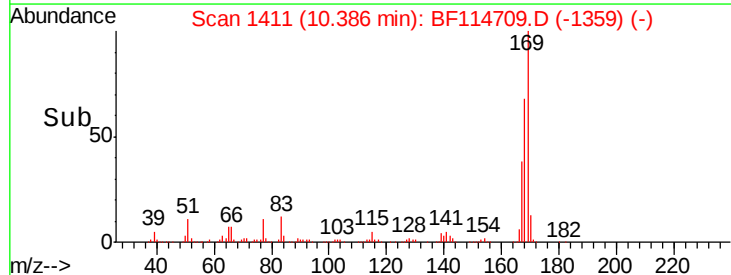
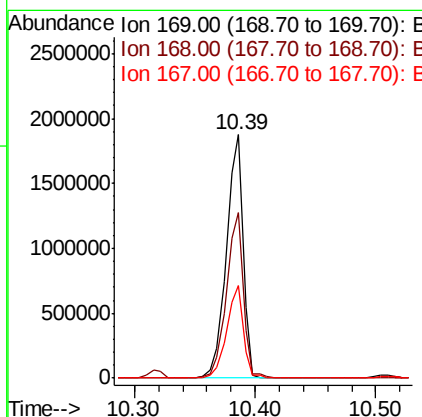
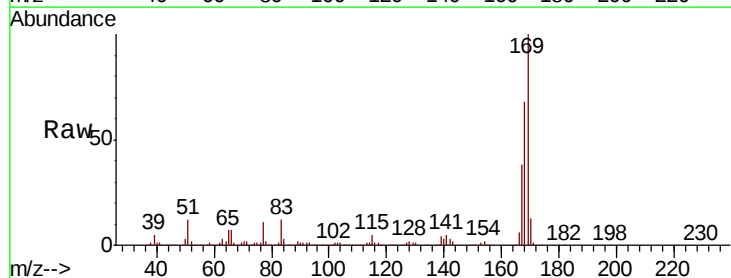
Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

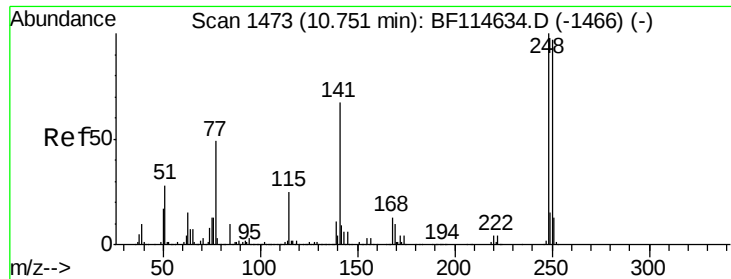
Tgt Ion:198 Resp: 258902
 Ion Ratio Lower Upper
 198 100
 51 43.3 29.0 69.0
 105 46.4 30.4 70.4



#66
 n-Nitrosodiphenylamine
 Concen: 46.002 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:169 Resp: 1796754
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.8
 167 37.9 29.8 44.6

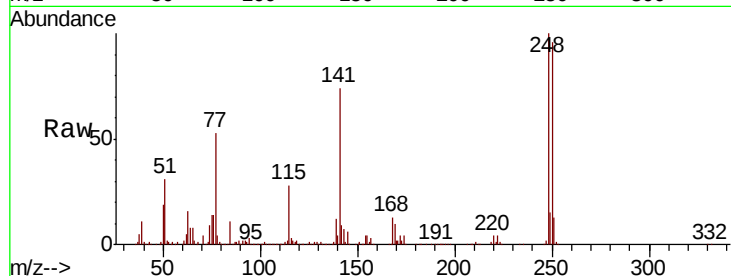




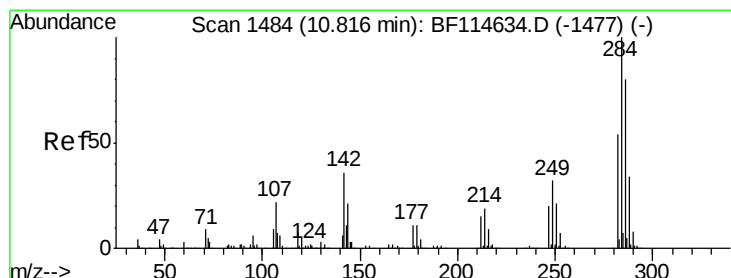
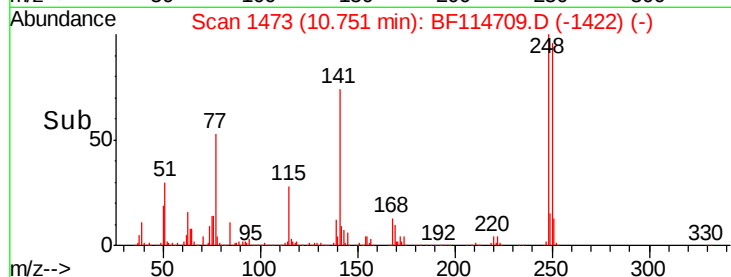
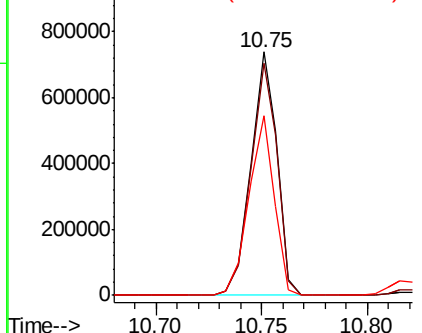
#67
4-Bromophenyl-phenylether
Concen: 44.714 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tgt Ion:248 Resp: 633888
Ion Ratio Lower Upper
248 100
250 95.6 78.0 117.0
141 73.8 53.8 80.8

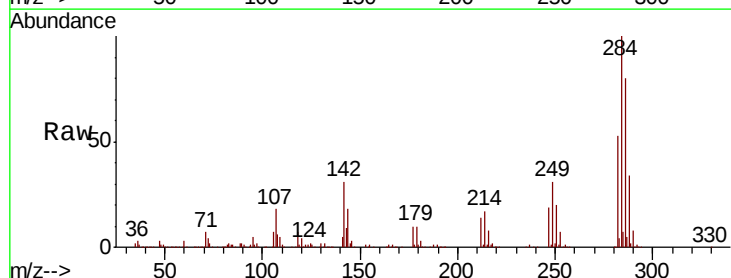


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

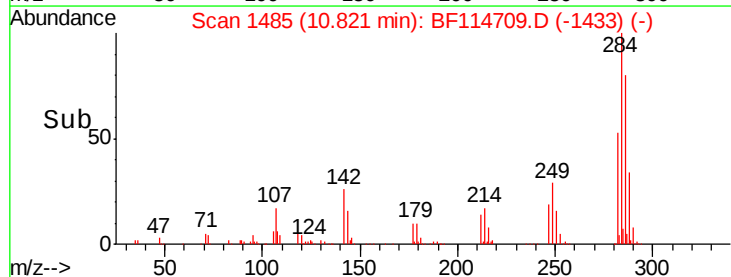
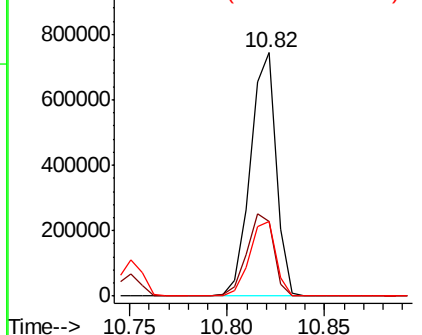


#68
Hexachlorobenzene
Concen: 44.369 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:284 Resp: 681281
Ion Ratio Lower Upper
284 100
142 30.8 28.9 43.3
249 30.7 25.8 38.6



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





#69

Atrazine

Concen: 54.360 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

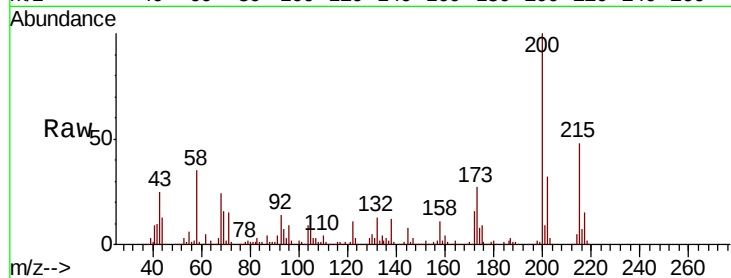
Tgt Ion:200 Resp: 622077

Ion Ratio Lower Upper

200 100

173 26.8 7.9 47.9

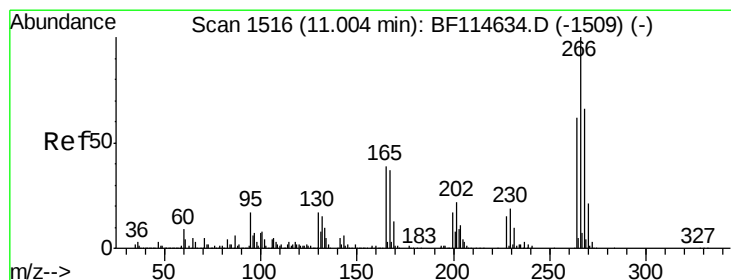
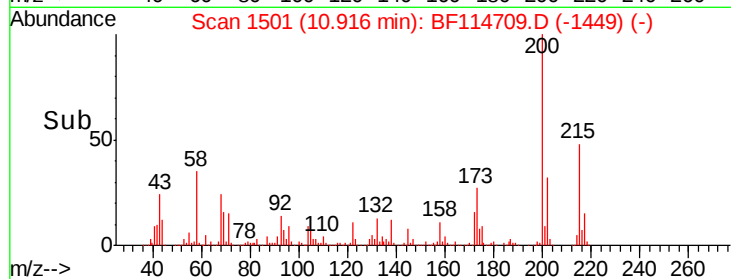
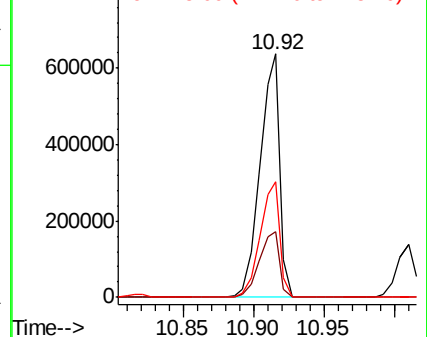
215 47.7 27.8 67.8



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: 78.100 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

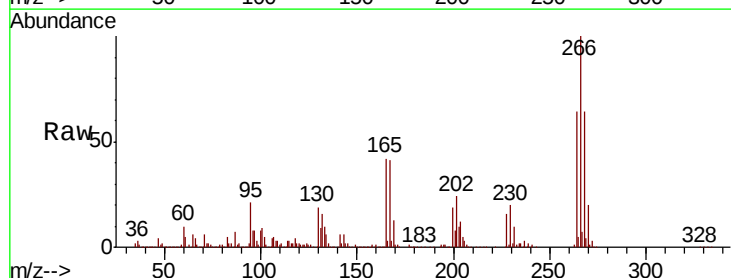
Tgt Ion:266 Resp: 691281

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

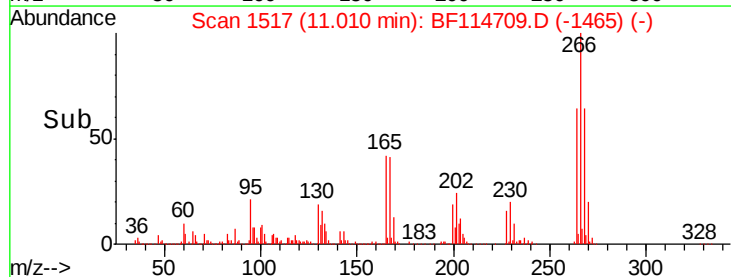
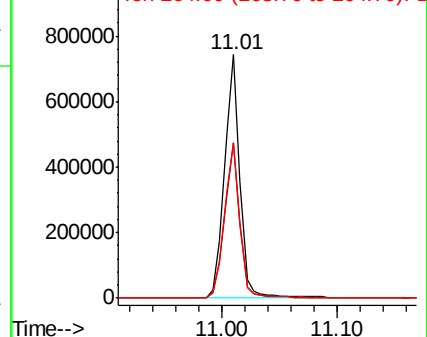
264 63.8 49.9 74.9

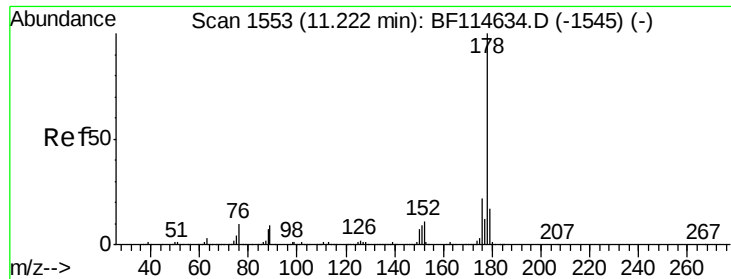


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

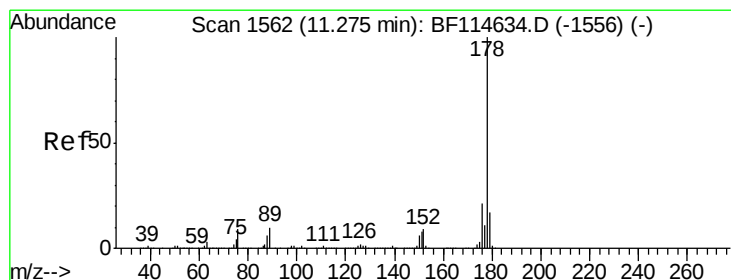
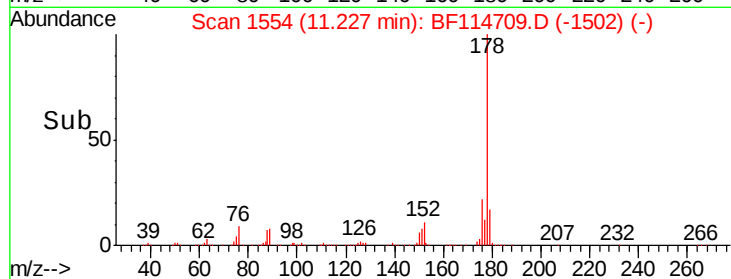
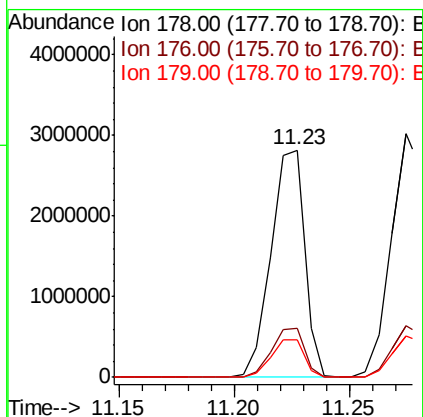
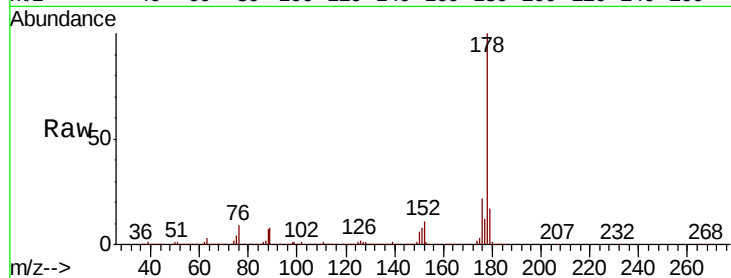




#71
Phenanthrene
Concen: 42.383 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

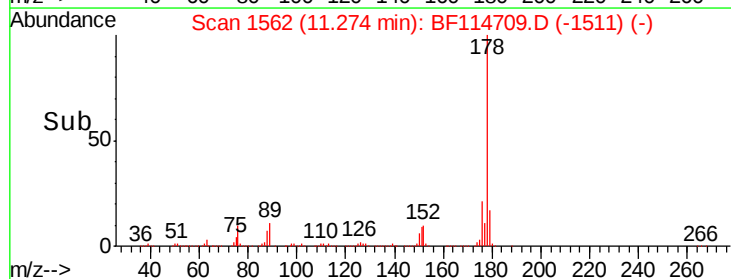
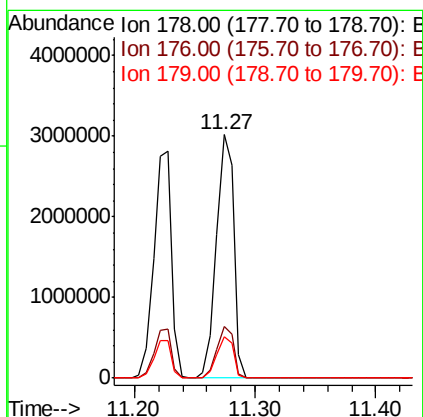
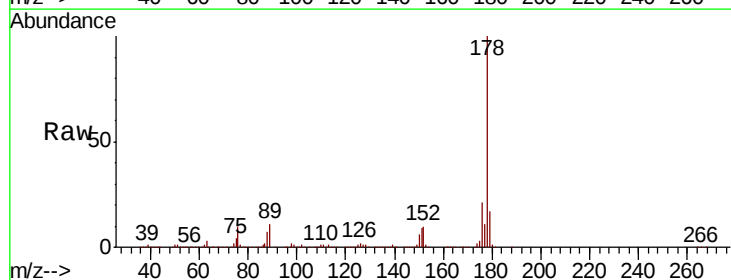
Instrument :
BNA_F
ClientSampleId :
TP-6MS

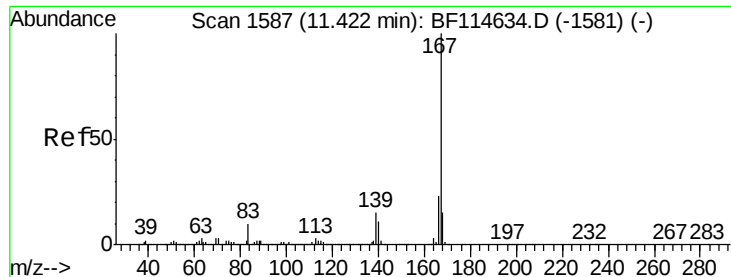
Tgt Ion:178 Resp: 2858150
Ion Ratio Lower Upper
178 100
176 21.6 17.2 25.8
179 16.8 13.9 20.9



#72
Anthracene
Concen: 43.330 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:178 Resp: 2957381
Ion Ratio Lower Upper
178 100
176 21.1 16.6 24.8
179 17.2 13.4 20.0

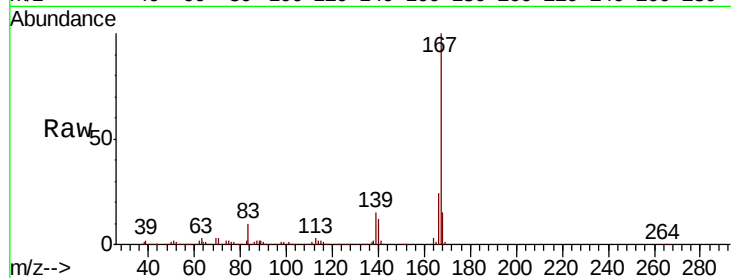




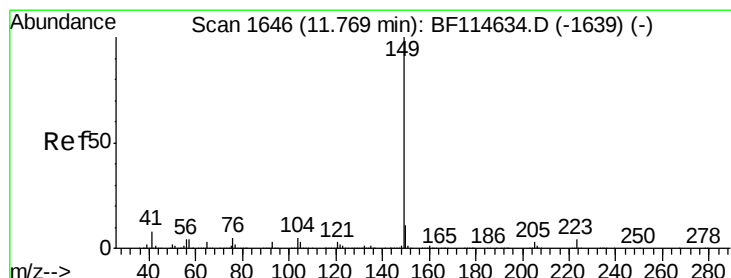
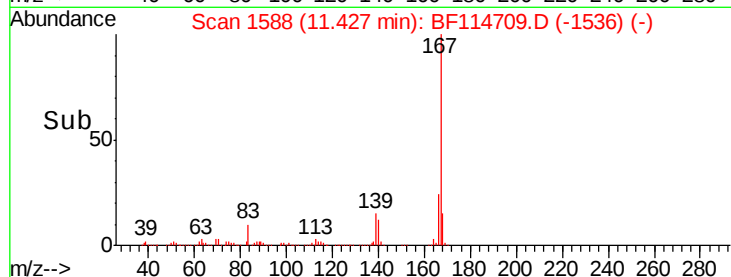
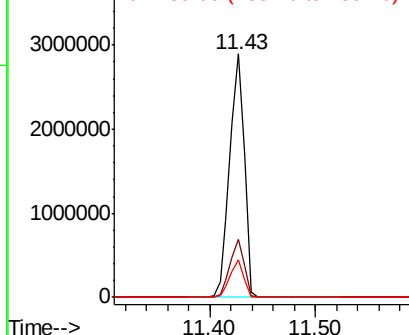
#73
 Carbazole
 Concen: 46.368 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tgt Ion:167 Resp: 2781322
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.7 28.1
 139 15.2 11.8 17.8

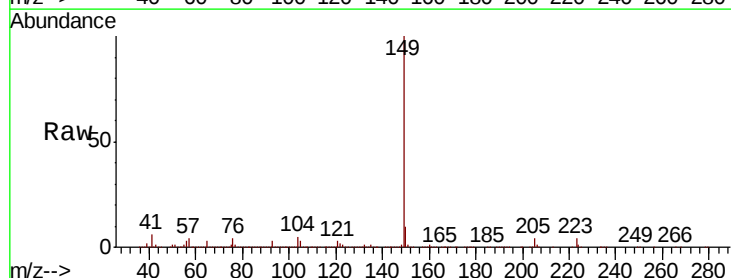


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

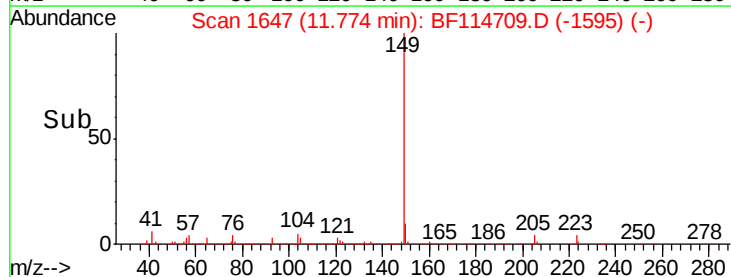
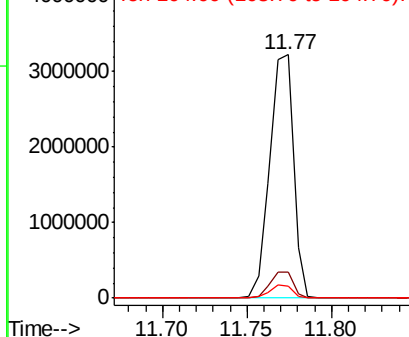


#74
 Di-n-butylphthalate
 Concen: 42.935 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion:149 Resp: 3145088
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.6 12.8
 104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.894 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

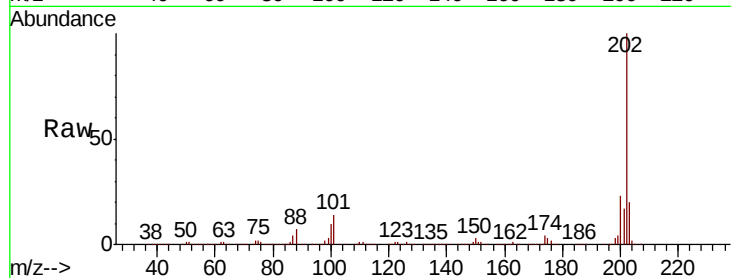
Tgt Ion:202 Resp: 2995253

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.9

203 19.6 0.0 39.1

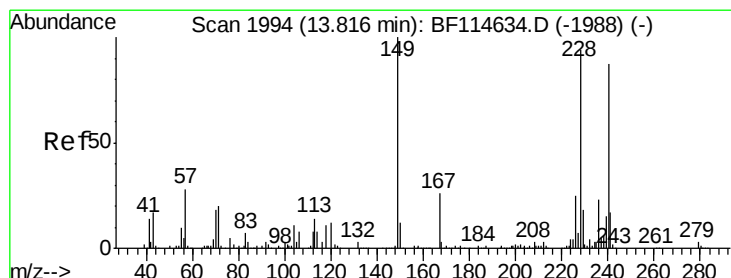
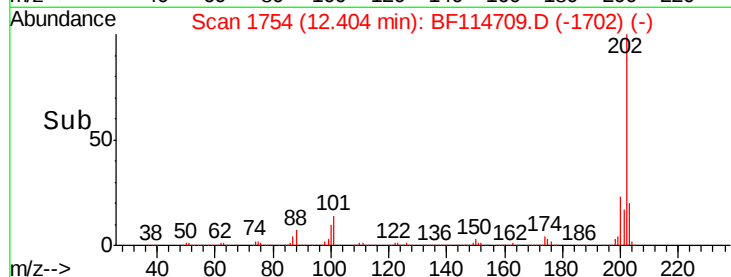
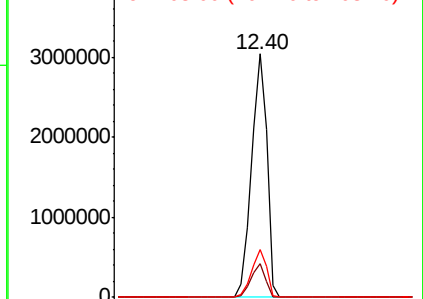


Abundance

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: BF114709.D

Acq: 31 May 2019 15:38

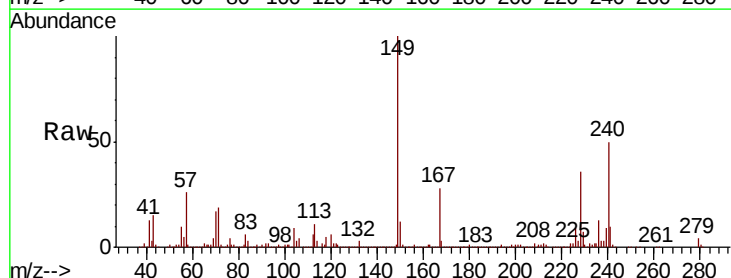
Tgt Ion:240 Resp: 813802

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

236 27.1 21.2 31.8

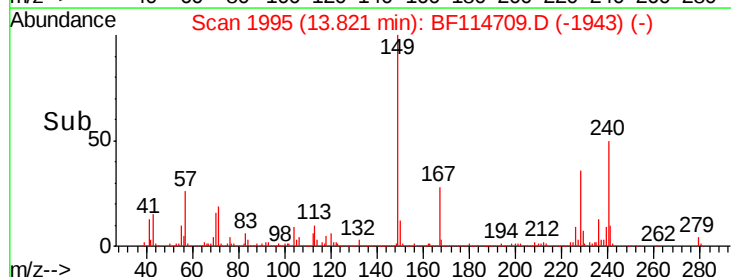
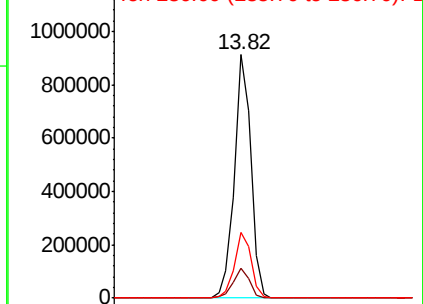


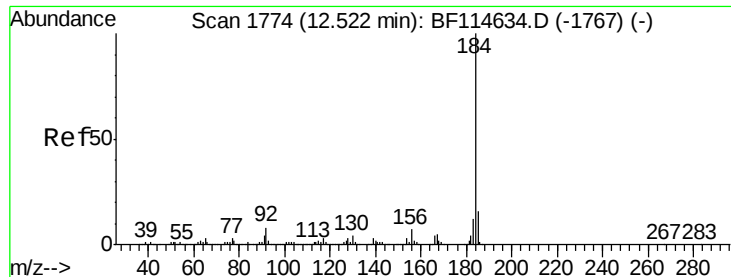
Abundance

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: 10.585 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

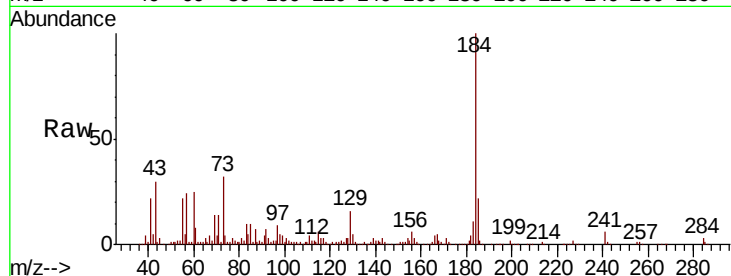
Tgt Ion:184 Resp: 354700

Ion Ratio Lower Upper

184 100

185 21.7 12.6 18.8#

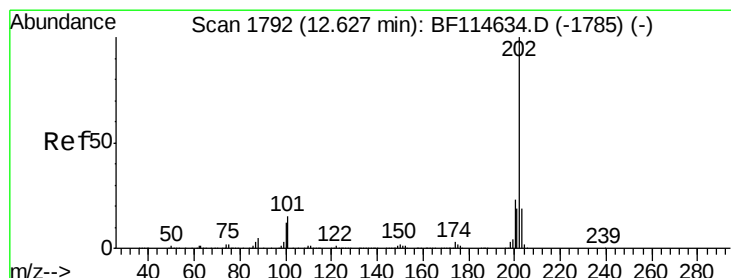
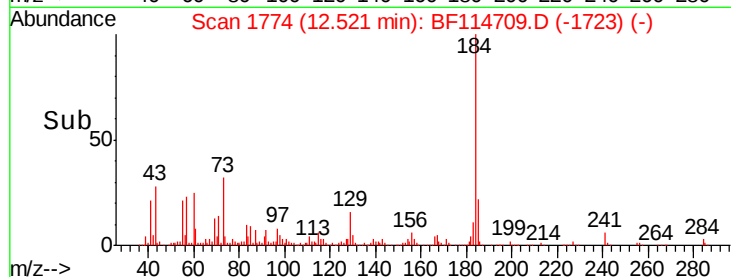
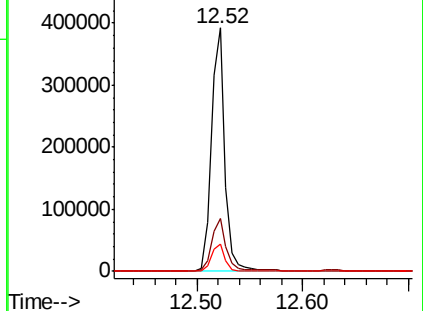
183 11.5 9.4 14.2



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: 43.893 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

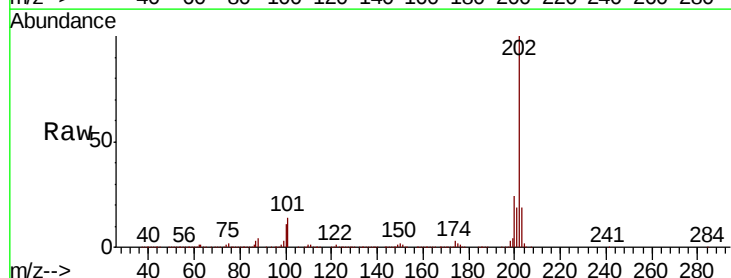
Tgt Ion:202 Resp: 3021655

Ion Ratio Lower Upper

202 100

200 23.9 18.6 28.0

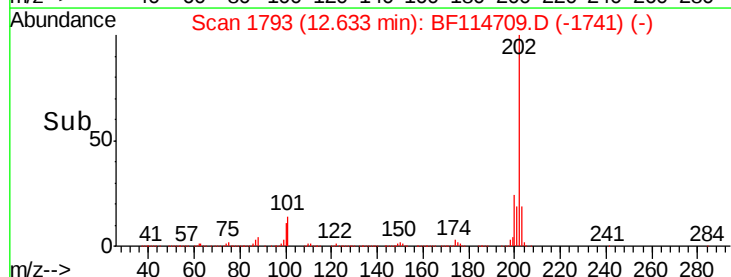
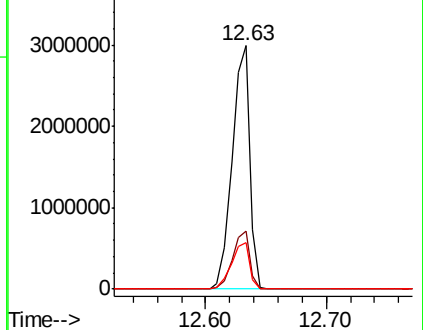
203 19.2 15.4 23.2

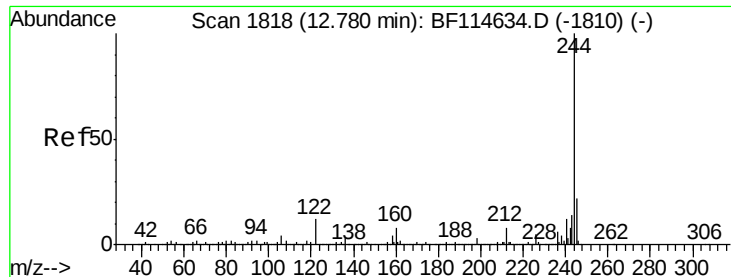


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.837 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

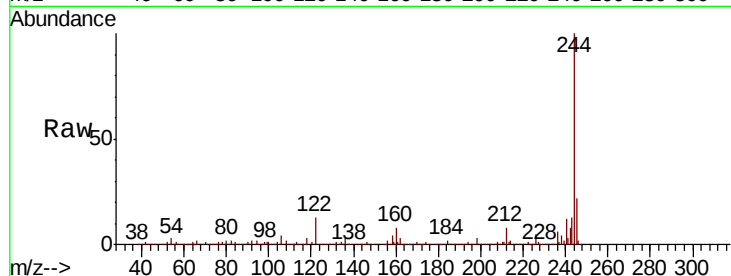
Tgt Ion:244 Resp: 3585502

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

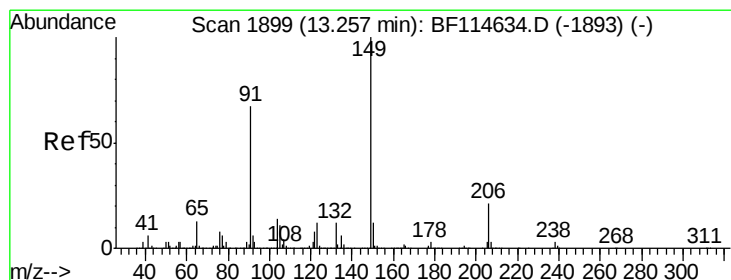
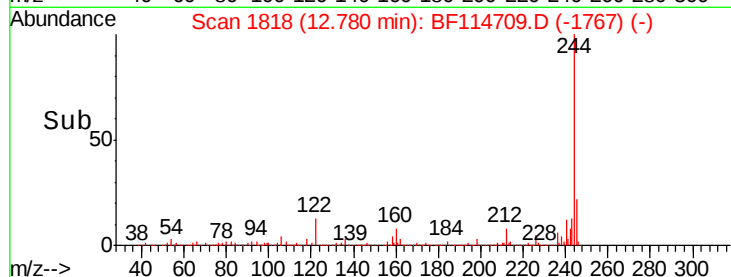
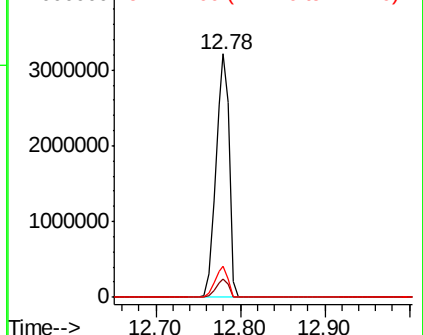
122 12.9 9.8 14.8



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: 44.536 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

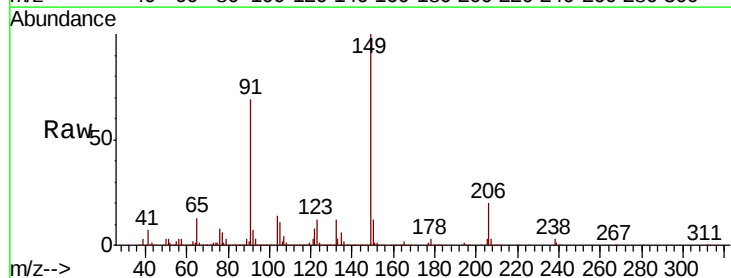
Tgt Ion:149 Resp: 1540807

Ion Ratio Lower Upper

149 100

91 68.6 53.8 80.8

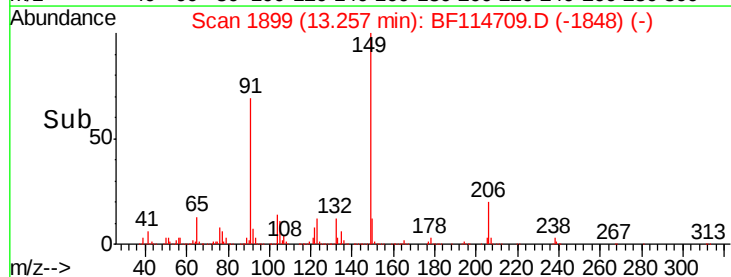
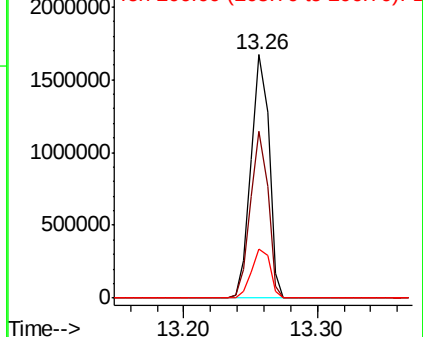
206 20.2 16.9 25.3



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: 42.737 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

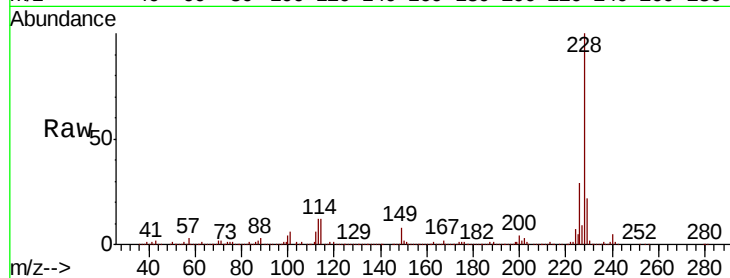
BNA_F

ClientSampleId :

TP-6MS

Tgt Ion:228 Resp: 2672648

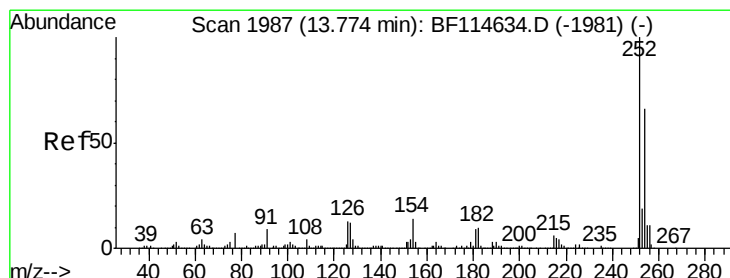
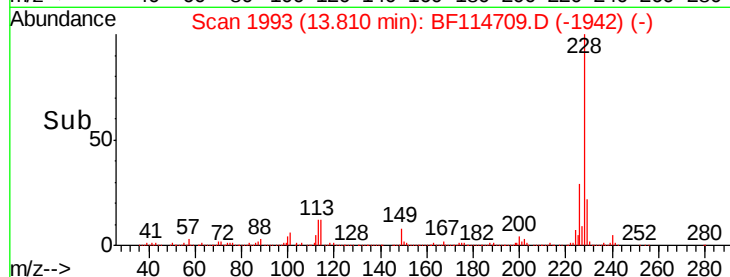
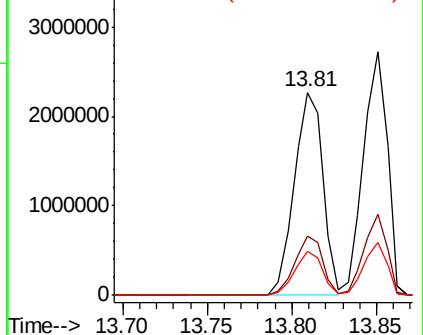
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	21.6	17.0	25.4



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: 27.685 ng

RT: 13.77 min Scan# 1987

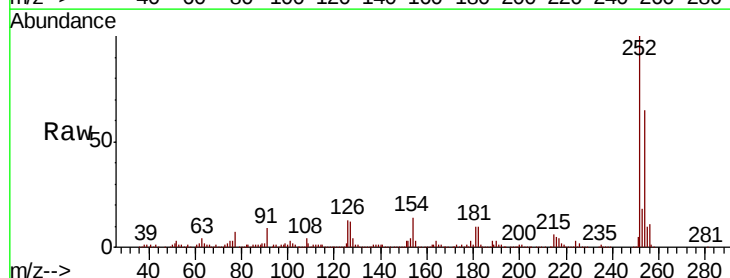
Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Tgt Ion:252 Resp: 668637

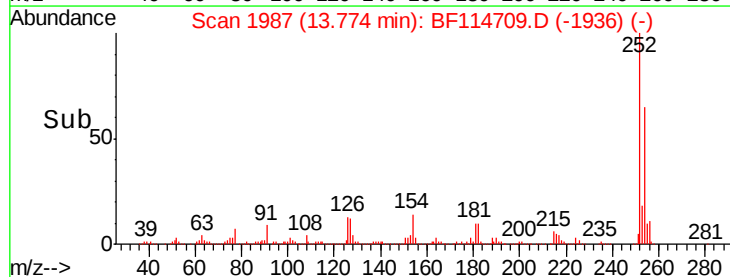
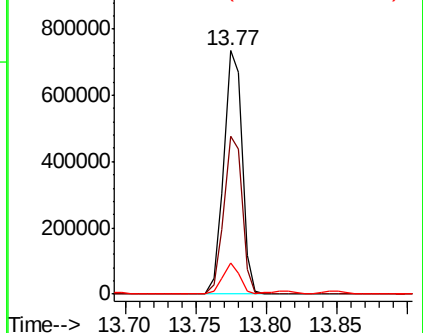
Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.1	79.7
126	12.7	10.2	15.2

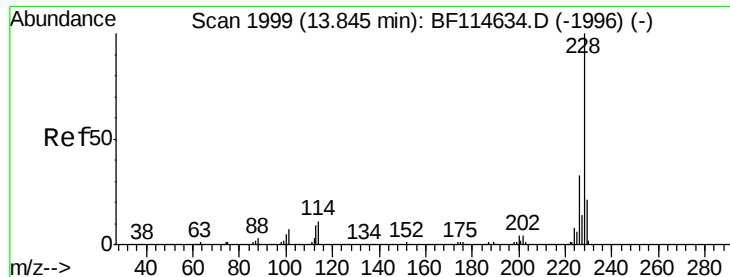


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

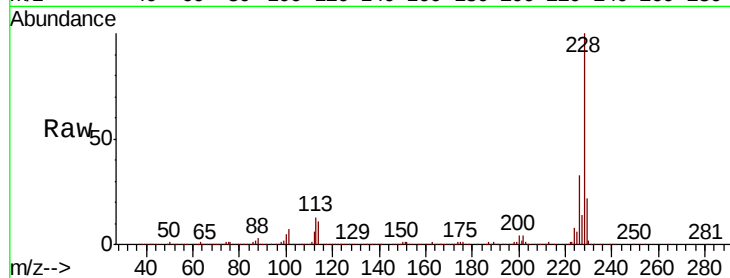




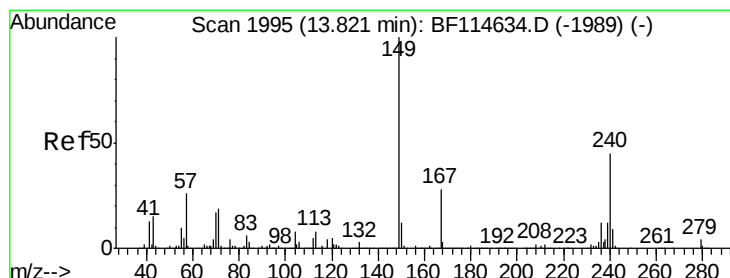
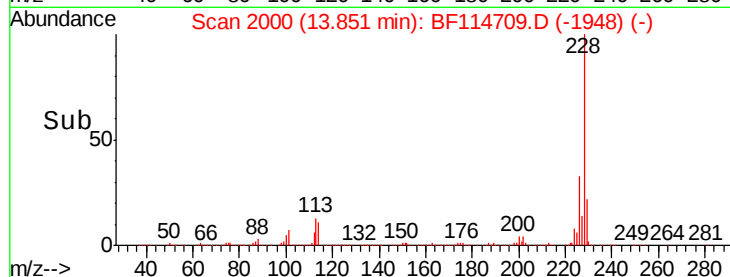
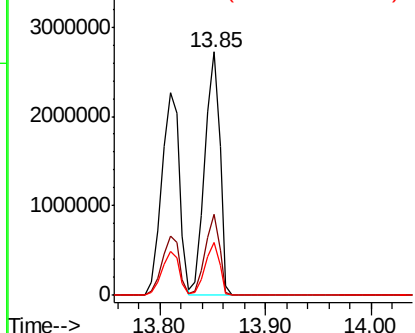
#83
 Chrysene
 Concen: 44.943 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tgt Ion: 228 Resp: 2685314
 Ion Ratio Lower Upper
 228 100
 226 33.4 26.4 39.6
 229 21.9 17.1 25.7

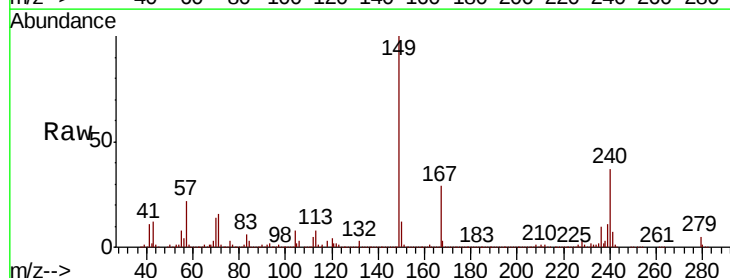


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

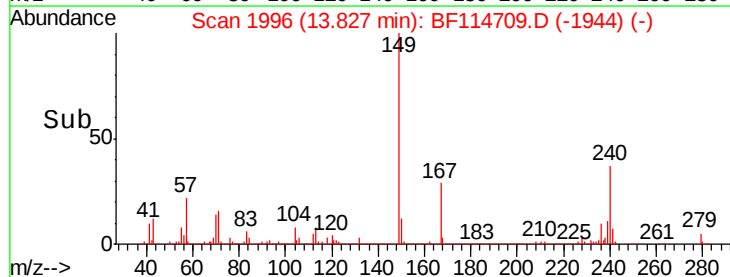
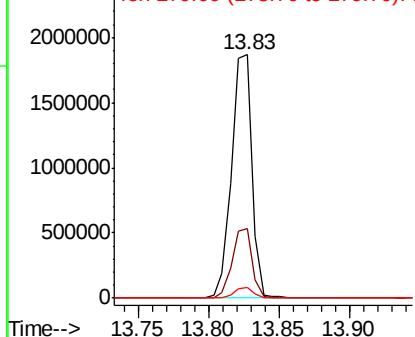


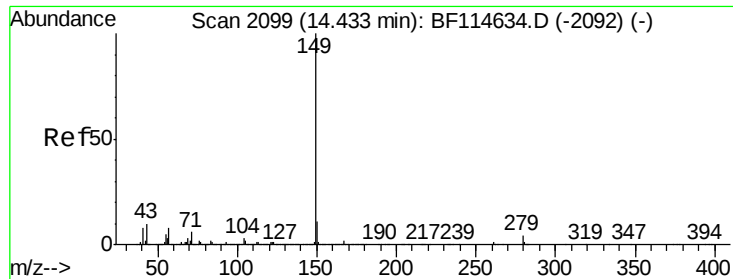
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.012 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114709.D
 Acq: 31 May 2019 15:38

Tgt Ion: 149 Resp: 1882503
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.6 33.8
 279 4.6 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: 45.124 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

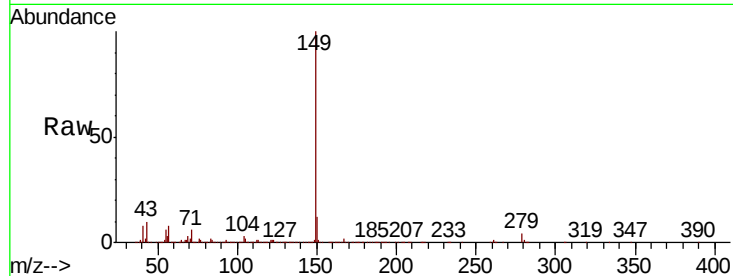
Tgt Ion:149 Resp: 3353353

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

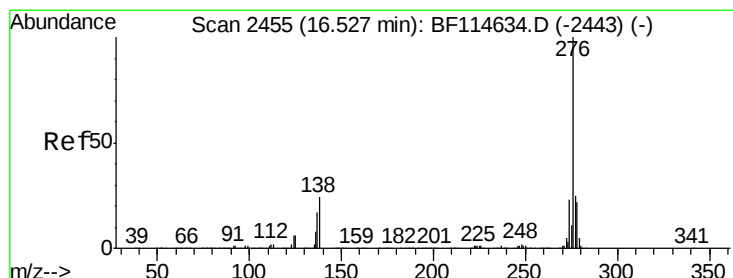
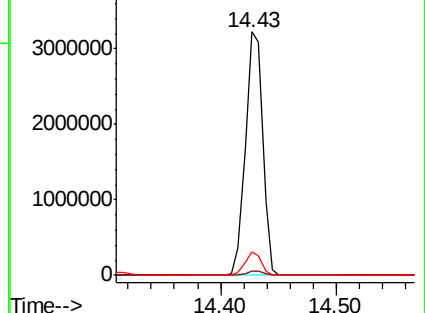
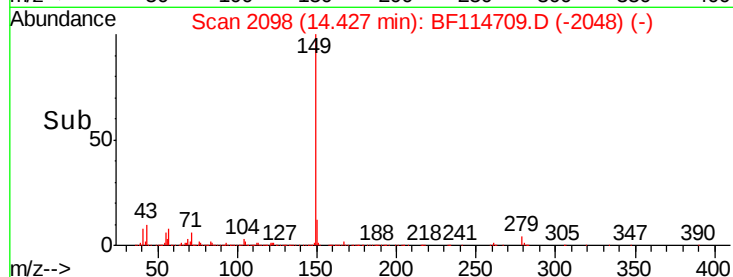
43 9.0 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.631 ng

RT: 16.54 min Scan# 2457

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

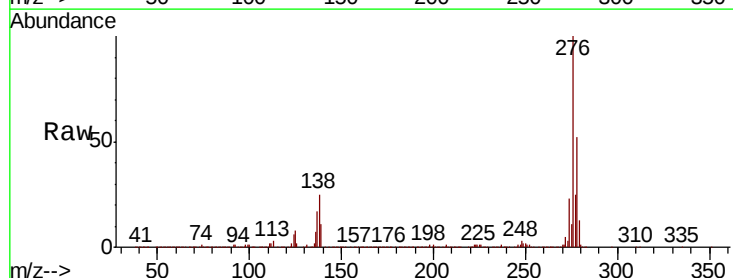
Tgt Ion:276 Resp: 2551158

Ion Ratio Lower Upper

276 100

138 27.9 23.0 34.6

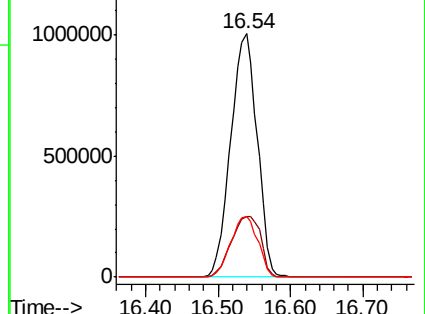
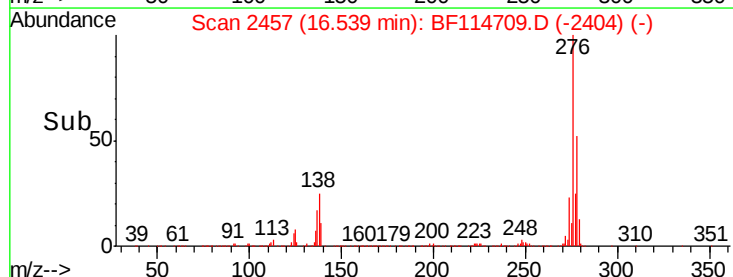
277 25.6 20.5 30.7

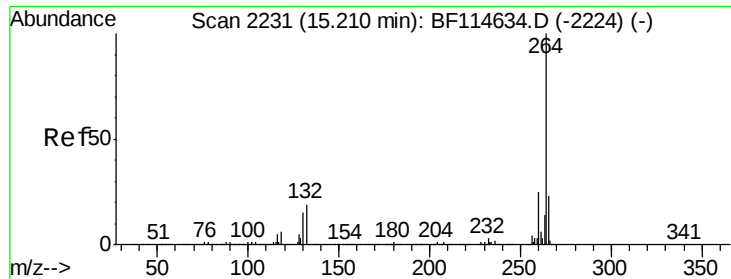


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

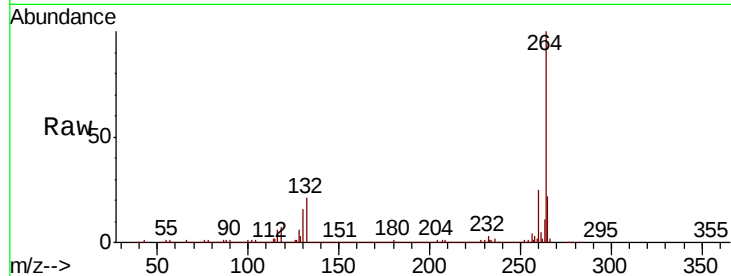
Tgt Ion:264 Resp: 908075

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

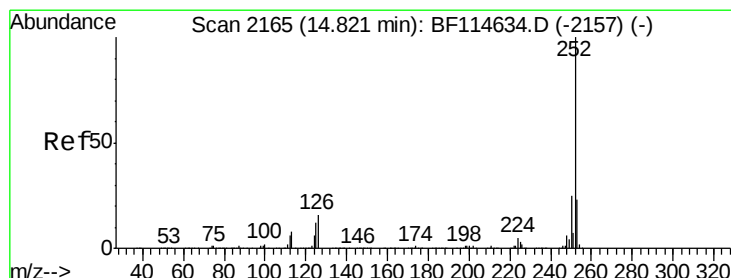
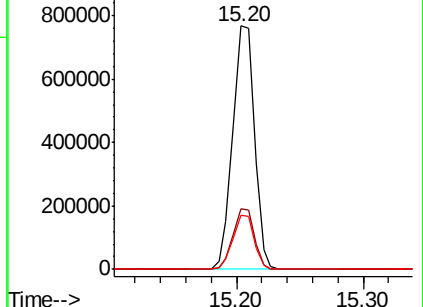
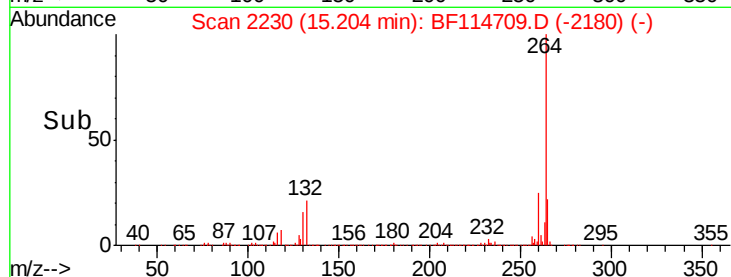
265 22.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.138 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

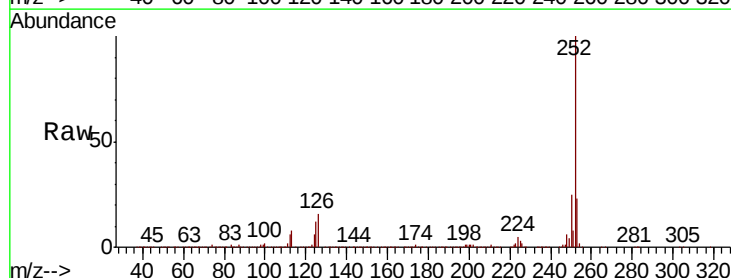
Tgt Ion:252 Resp: 2581616

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

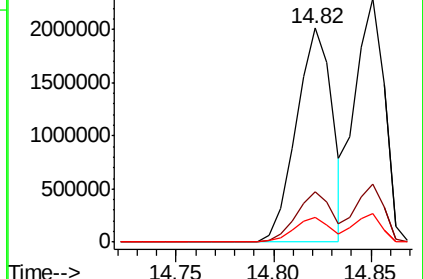
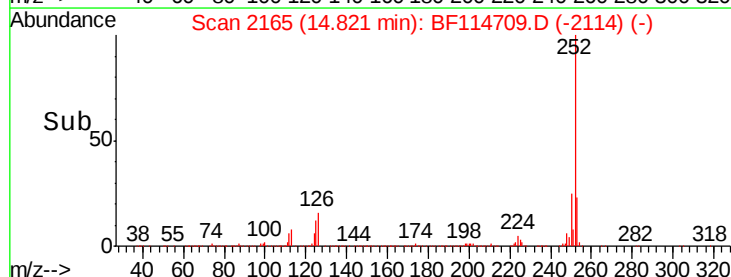
125 11.8 9.4 14.2

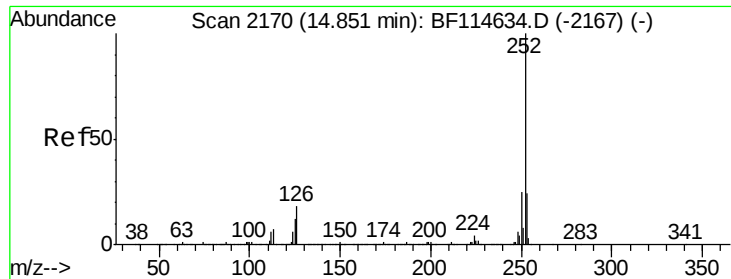


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

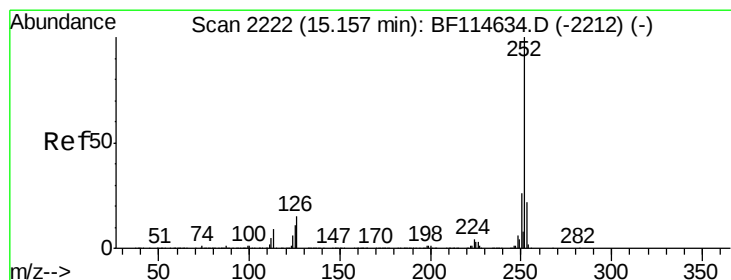
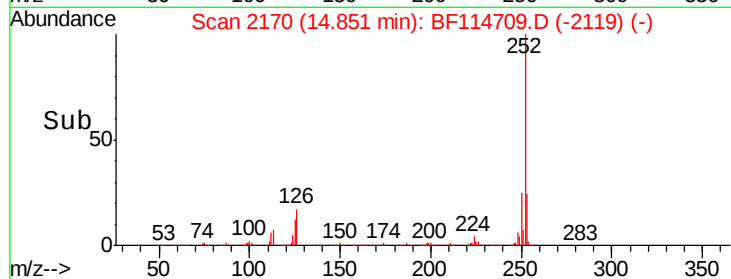
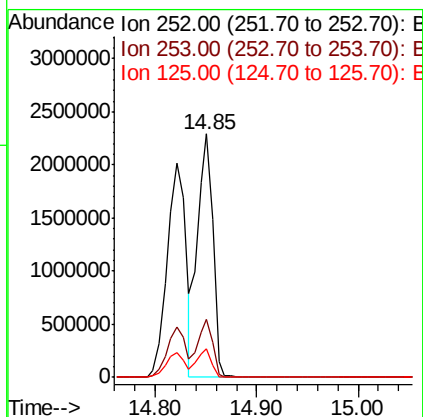
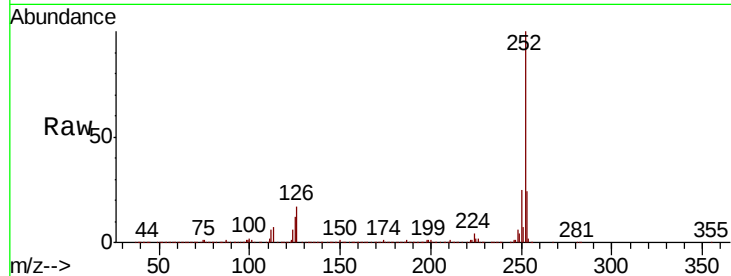




#89
Benzo(k)fluoranthene
Concen: 48.380 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

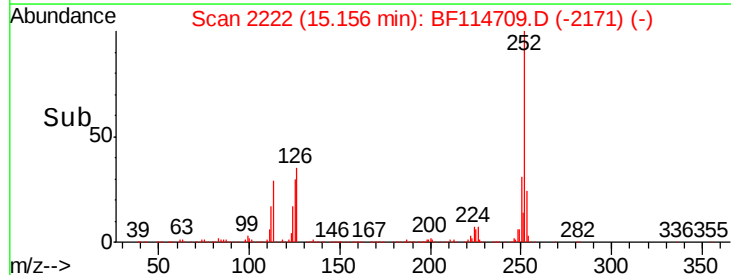
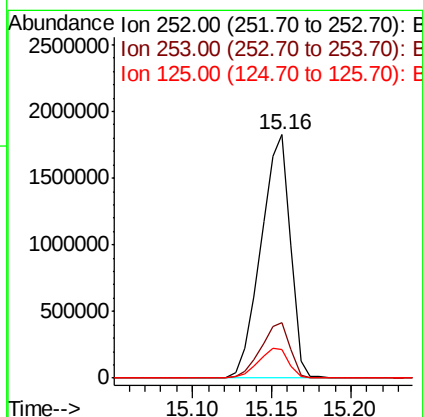
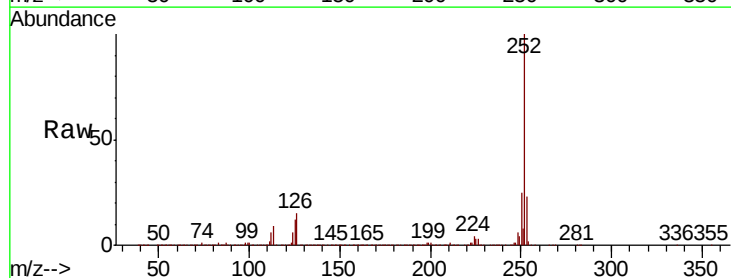
Instrument :
BNA_F
ClientSampleId :
TP-6MS

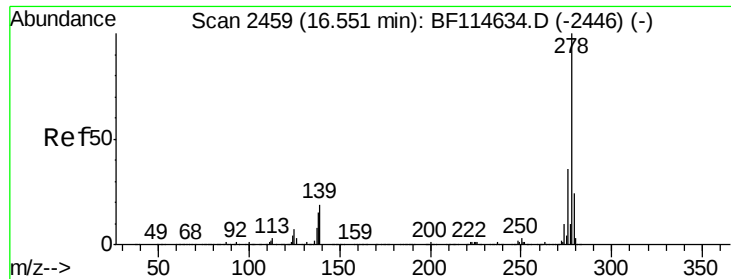
Tgt Ion:252 Resp: 2405073
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 11.6 9.5 14.3



#90
Benzo(a)pyrene
Concen: 47.058 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF114709.D
Acq: 31 May 2019 15:38

Tgt Ion:252 Resp: 2364387
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 47.930 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

TP-6MS

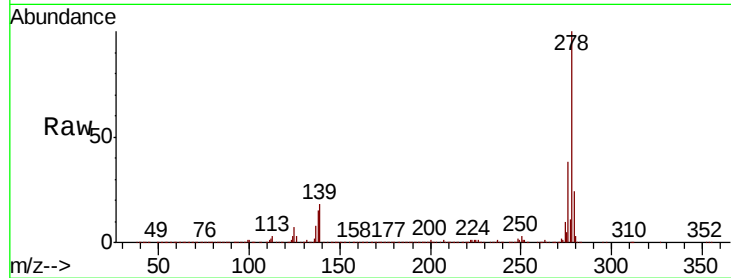
Tgt Ion:278 Resp: 2128063

Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

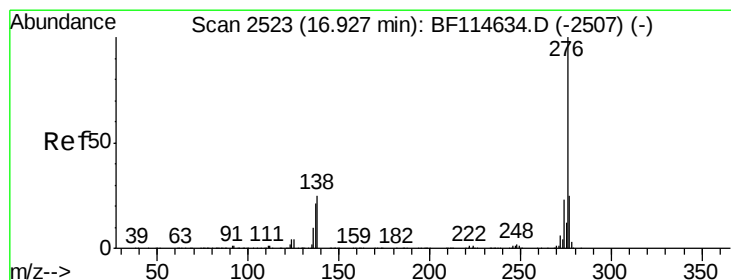
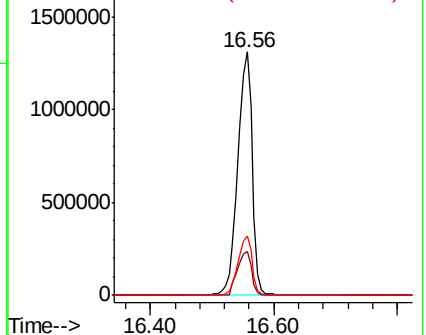
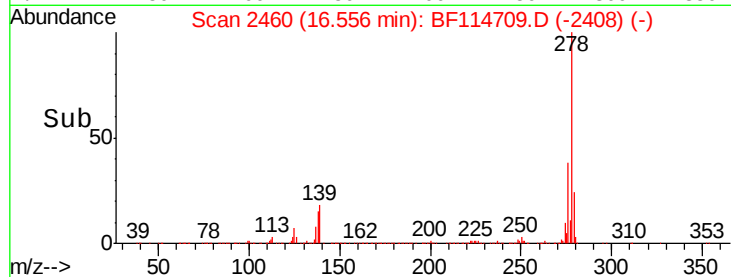
279 24.3 19.5 29.3



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: 50.398 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114709.D

Acq: 31 May 2019 15:38

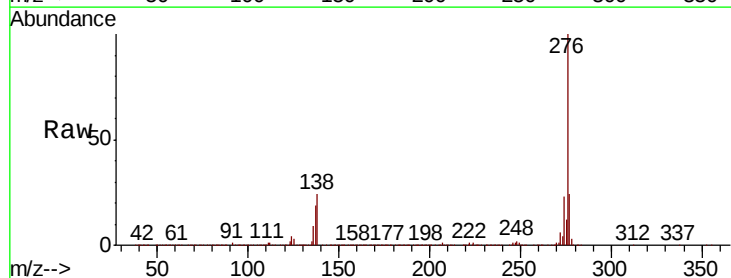
Tgt Ion:276 Resp: 2171742

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 23.7 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

