

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114954.D
 Acq On : 11 Jun 2019 20:15
 Operator : HP/JU
 Sample : K3262-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:32:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	251456	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	975147	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	463206	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	836388	20.00	ng	0.00
76) Chrysene-d12	13.79	240	481579	20.00	ng	0.00
87) Perylene-d12	15.17	264	529319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1655179	111.40	ng	0.02
7) Phenol-d6	6.32	99	1902634	106.17	ng	0.00
23) Nitrobenzene-d5	7.23	82	1381187	87.03	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	576134	114.34	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2504240	85.80	ng	0.00
79) Terphenyl-d14	12.75	244	2290687	94.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	250516	35.532	ng	# 84
3) Pyridine	3.09	79	471452	24.022	ng	98
4) n-Nitrosodimethylamine	3.00	42	271883	38.568	ng	99
6) Aniline	6.33	93	156320	6.439	ng	# 1
8) 2-Chlorophenol	6.45	128	720585	42.495	ng	96
9) Benzaldehyde	6.20	77	49607	4.325	ng	98
10) Phenol	6.33	94	697991	34.928	ng	# 72
11) bis(2-Chloroethyl)ether	6.40	93	664007	41.691	ng	99
12) 1,3-Dichlorobenzene	6.60	146	790168	40.150	ng	99
13) 1,4-Dichlorobenzene	6.68	146	810319	41.060	ng	99
14) 1,2-Dichlorobenzene	6.83	146	743950	41.532	ng	99
15) Benzyl Alcohol	6.81	79	468074	36.196	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	878194	40.093	ng	94
17) 2-Methylphenol	6.93	107	575988	40.567	ng	99
18) Hexachloroethane	7.17	117	274435	37.734	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	461406	41.173	ng	99
20) 3+4-Methylphenols	7.09	107	695787	43.767	ng	92
22) Acetophenone	7.07	105	988372	45.280	ng	95
24) Nitrobenzene	7.25	77	727504	44.064	ng	99
25) Isophorone	7.49	82	1312835	42.242	ng	97
26) 2-Nitrophenol	7.56	139	404607	44.111	ng	100
27) 2,4-Dimethylphenol	7.61	122	648553	48.319	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	842081	42.355	ng	99
29) 2,4-Dichlorophenol	7.81	162	625073	44.470	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	689337	42.733	ng	98
31) Naphthalene	7.97	128	2072281	46.120	ng	99
32) Benzoic acid	7.73	122	187133	18.665	ng	96
33) 4-Chloroaniline	8.02	127	96480	4.550	ng	97
34) Hexachlorobutadiene	8.09	225	370849	40.988	ng	99
35) Caprolactam	8.42	113	49142	10.379	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	632718	44.318	ng	99
37) 2-Methylnaphthalene	8.66	142	1394744	45.679	ng	99
38) 1-Methylnaphthalene	8.76	142	1325851	45.913	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	631725	47.435	ng	99

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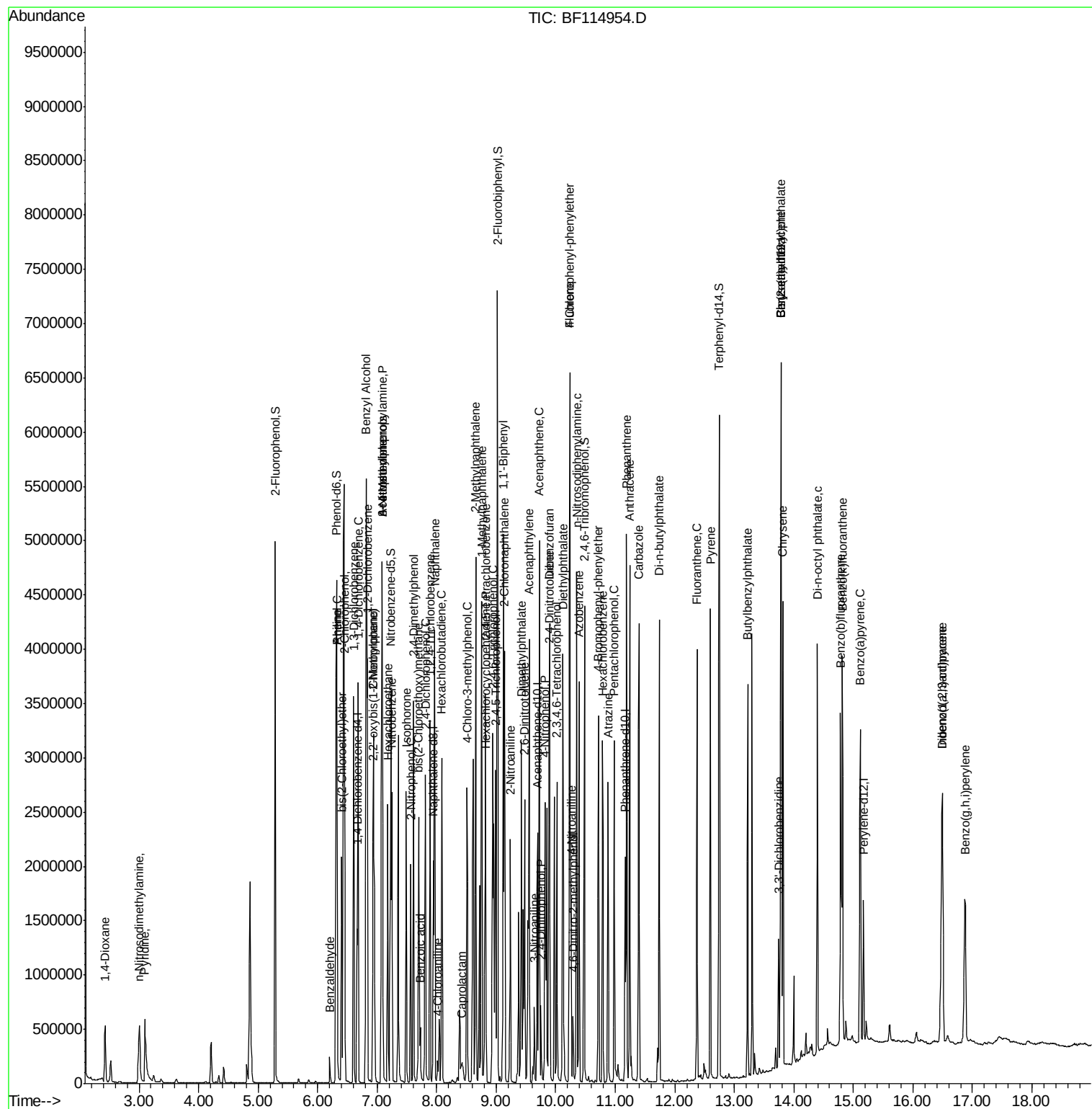
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	252542	33.360	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	446699	44.172	nq	97
44) 2,4,5-Trichlorophenol	8.99	196	460790	44.191	nq	96
46) 1,1'-Biphenyl	9.12	154	1644791	47.463	nq	98
47) 2-Chloronaphthalene	9.14	162	1307840	44.707	nq	99
48) 2-Nitroaniline	9.24	65	376839	42.319	nq	99
49) Acenaphthylene	9.56	152	1994152	46.258	nq	98
50) Dimethylphthalate	9.42	163	1557750	44.745	nq	99
51) 2,6-Dinitrotoluene	9.48	165	354715	44.360	nq	98
52) Acenaphthene	9.73	154	1151300	44.083	nq	100
53) 3-Nitroaniline	9.64	138	116181	12.100	nq	99
54) 2,4-Dinitrophenol	9.76	184	113296	28.627	nq	# 89
55) Dibenzofuran	9.90	168	1716990	46.055	nq	98
56) 4-Nitrophenol	9.82	139	506748	74.049	nq	95
57) 2,4-Dinitrotoluene	9.89	165	449252	44.447	nq	94
58) Fluorene	10.24	166	1246852	43.386	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	369771	43.866	nq	100
60) Diethylphthalate	10.12	149	1517085	44.835	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	622026	43.235	nq	100
62) 4-Nitroaniline	10.26	138	334174	33.959	nq	99
63) Azobenzene	10.39	77	1278595	43.414	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	86817	18.509	nq	94
66) n-Nitrosodiphenylamine	10.35	169	1186503	47.749	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	407827	45.016	nq	99
68) Hexachlorobenzene	10.79	284	422839	42.265	nq	98
69) Atrazine	10.88	200	323316	38.615	nq	99
70) Pentachlorophenol	10.98	266	386698	68.929	nq	99
71) Phenanthrene	11.19	178	1841554	45.382	nq	98
72) Anthracene	11.25	178	1874419	45.509	nq	99
73) Carbazole	11.40	167	1679132	44.778	nq	98
74) Di-n-butylphthalate	11.74	149	2209616	47.679	nq	98
75) Fluoranthene	12.37	202	1725648	41.114	nq	95
78) Pyrene	12.60	202	1696260	40.444	nq	98
80) Butylbenzylphthalate	13.22	149	856990	41.475	nq	98
81) Benzo(a)anthracene	13.78	228	1477368	41.489	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	263580	18.134	nq	98
83) Chrysene	13.82	228	1528346	42.742	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1080652	44.657	nq	100
85) Di-n-octyl phthalate	14.39	149	1978305	44.752	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1285793	38.249	nq	100
88) Benzo(b)fluoranthene	14.79	252	1638858	47.558	nq	98
89) Benzo(k)fluoranthene	14.82	252	1329181	44.445	nq	99
90) Benzo(a)pyrene	15.12	252	1375134	45.943	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	1091385	43.167	nq	98
92) Benzo(g,h,i)perylene	16.87	276	1021457	40.531	nq	99

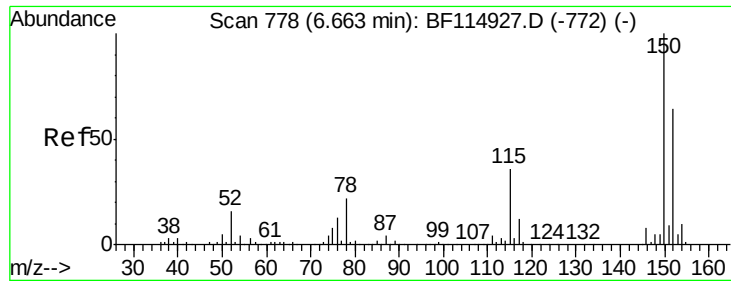
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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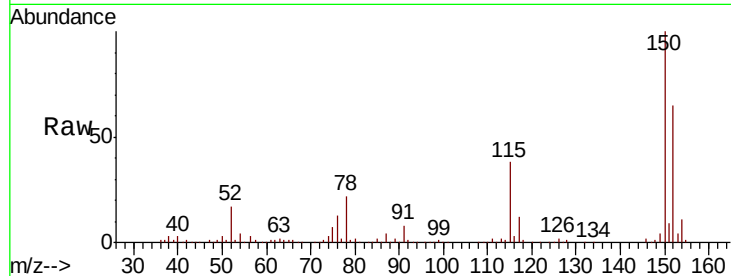


#1

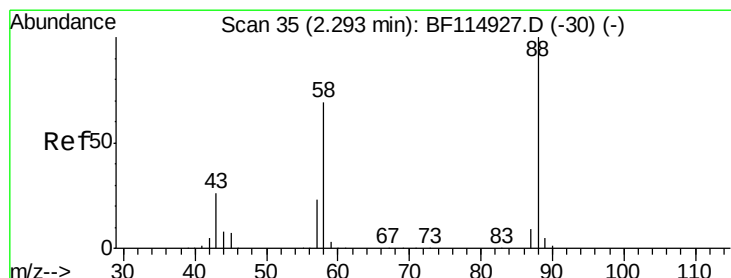
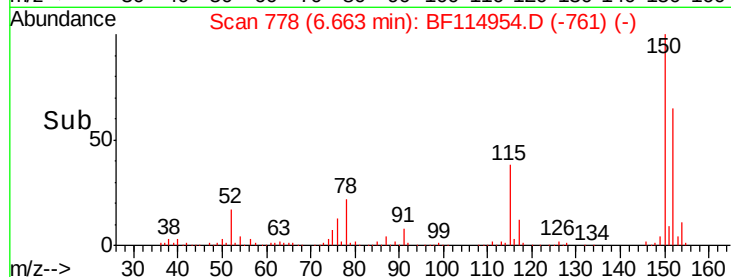
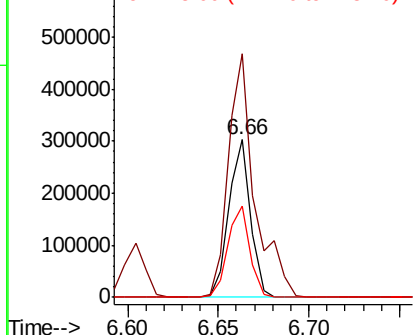
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 251456
Ion Ratio Lower Upper
152 100
150 154.4 125.2 187.8
115 57.9 45.0 67.4



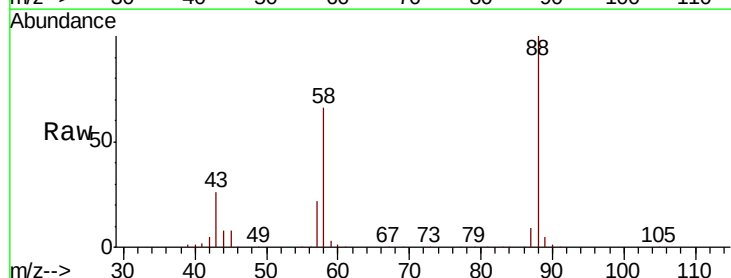
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



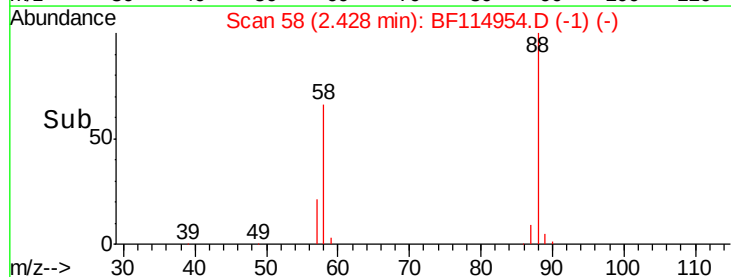
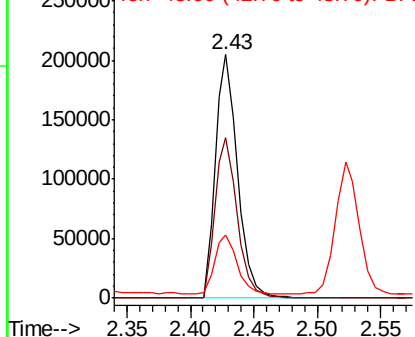
#2

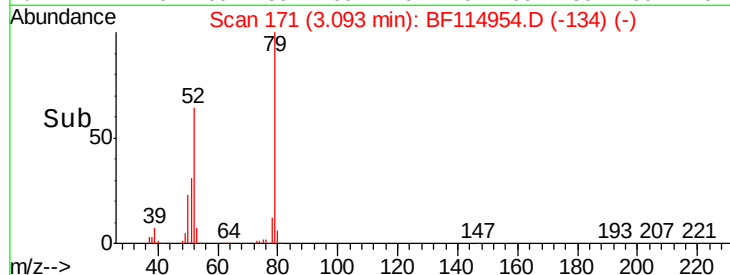
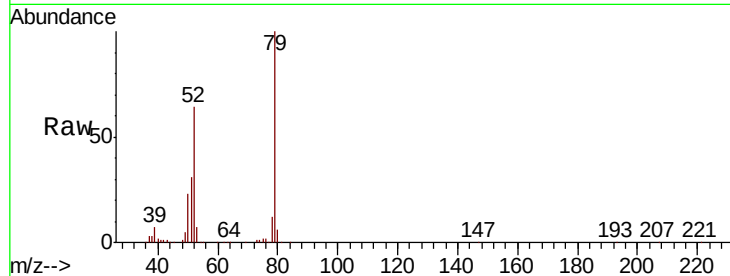
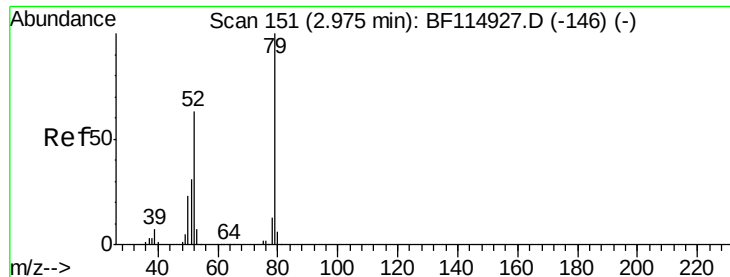
1,4-Dioxane
Concen: 35.532 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.14 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion: 88 Resp: 250516
Ion Ratio Lower Upper
88 100
58 65.9 54.2 81.2
43 0.0 20.6 30.8#



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



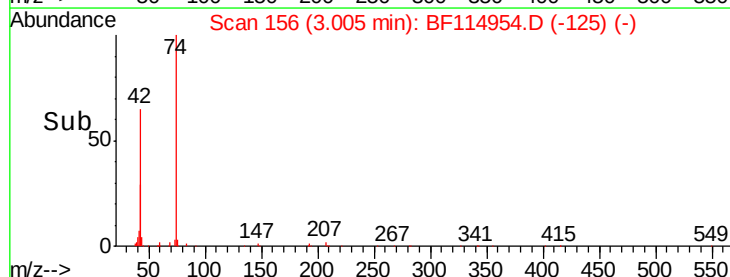
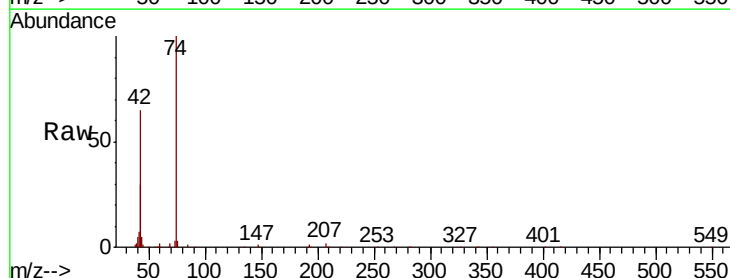
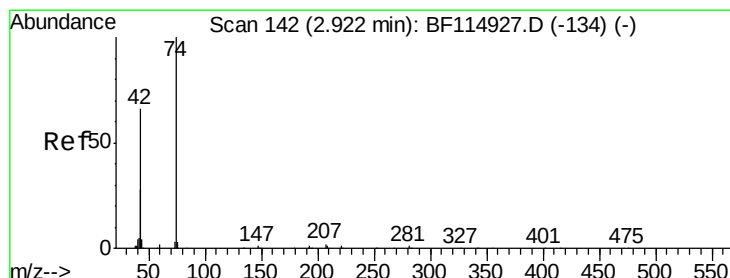
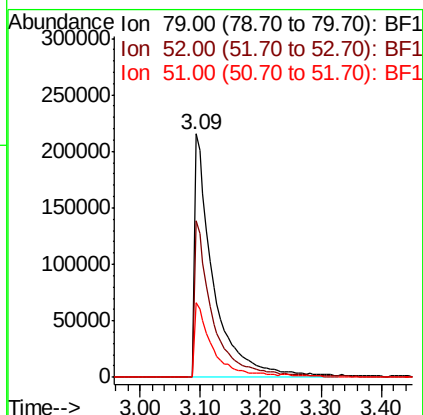


#3
Pvridine
Concen: 24.022 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.12 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 471452

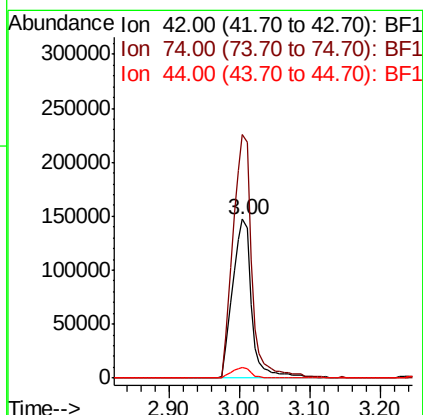
Ion	Ratio	Lower	Upper
79	100		
52	64.4	50.2	75.2
51	30.7	24.6	37.0

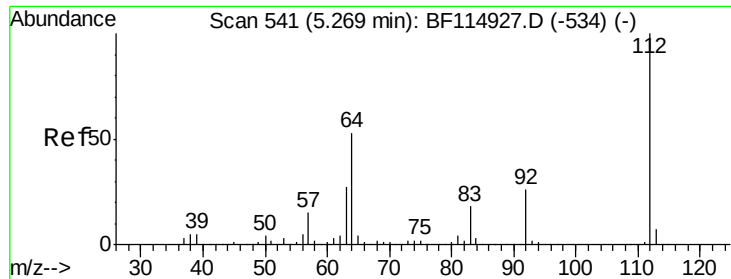


#4
n-Nitrosodimethylamine
Concen: 38.568 ng
RT: 3.00 min Scan# 156
Delta R.T. 0.08 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion: 42 Resp: 271883

Ion	Ratio	Lower	Upper
42	100		
74	153.1	121.9	182.9
44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 111.401 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampled :

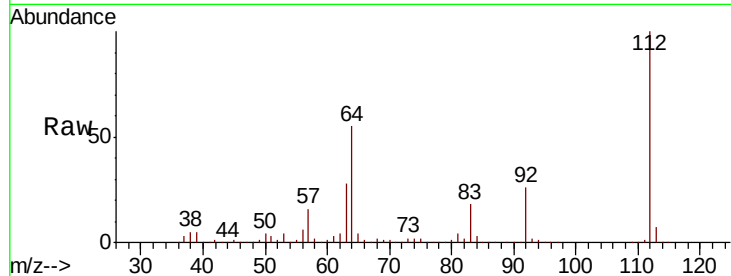
Tot Ion:112 Resp: 1655179

Ion Ratio Lower Upper

112 100

64 54.7 42.1 63.1

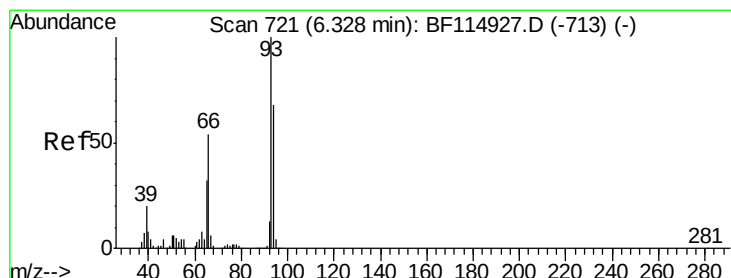
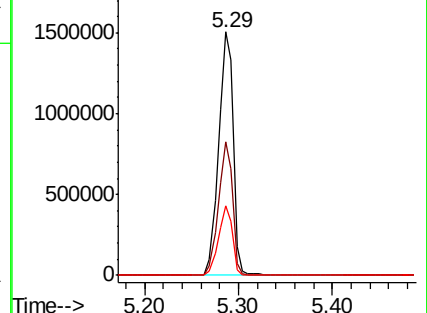
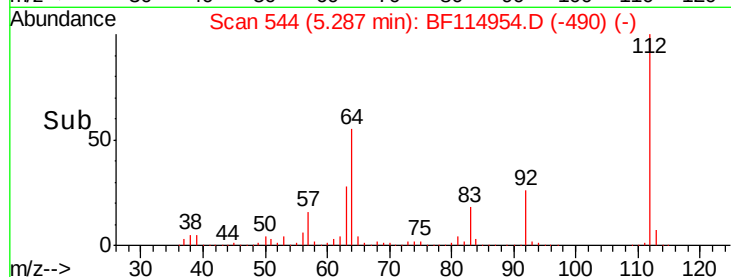
63 28.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.439 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

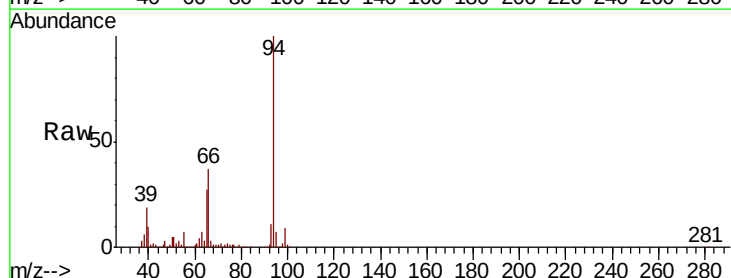
Tgt Ion: 93 Resp: 156320

Ion Ratio Lower Upper

93 100

66 325.8 43.6 65.4#

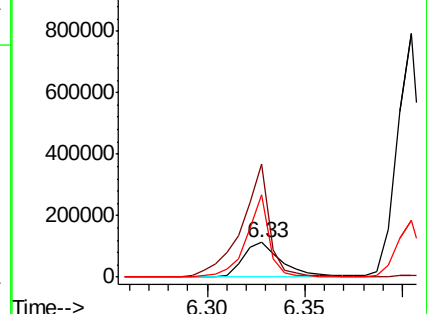
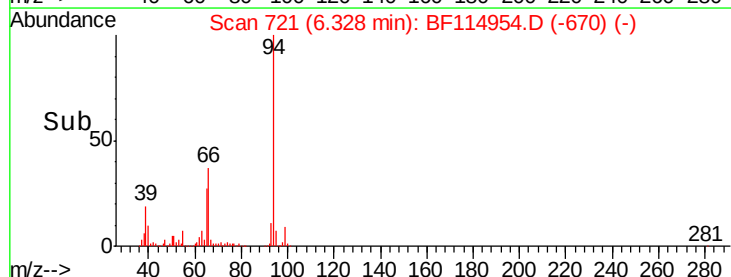
65 237.5 25.7 38.5#

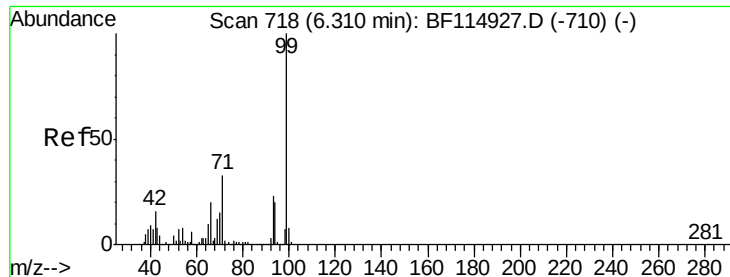


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.166 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

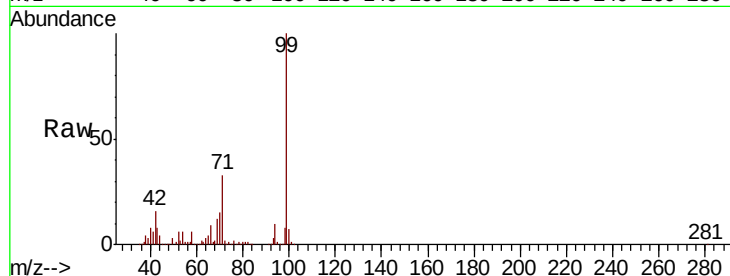
Tot Ion: 99 Resp: 1902634

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 33.2 26.8 40.2

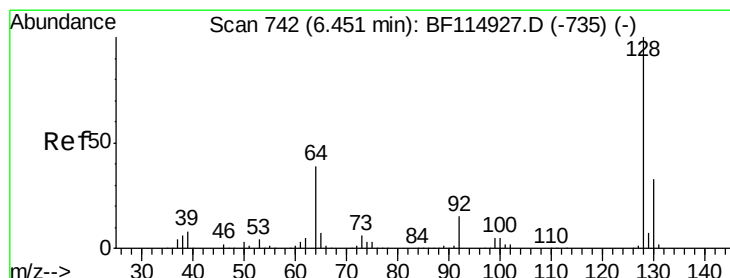
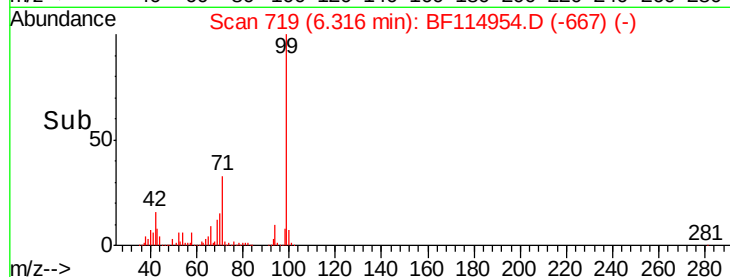
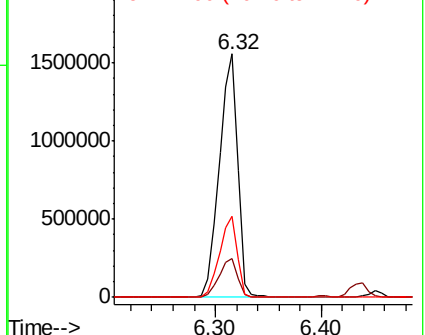


Abundance

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: 42.495 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

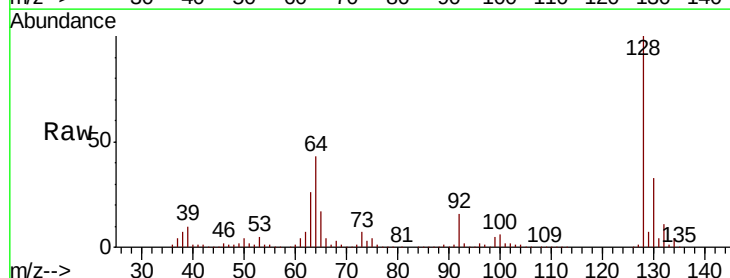
Tgt Ion: 128 Resp: 720585

Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

64 43.3 19.5 59.5

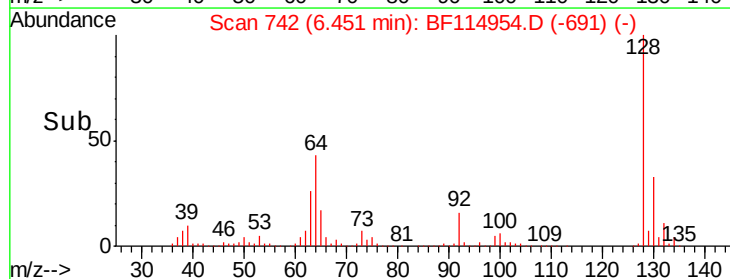
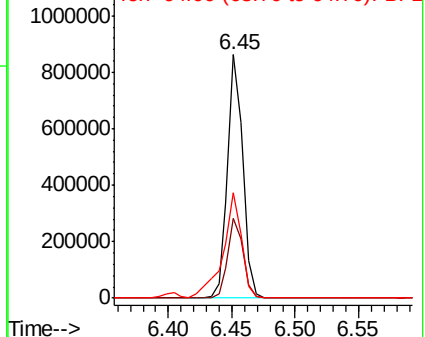


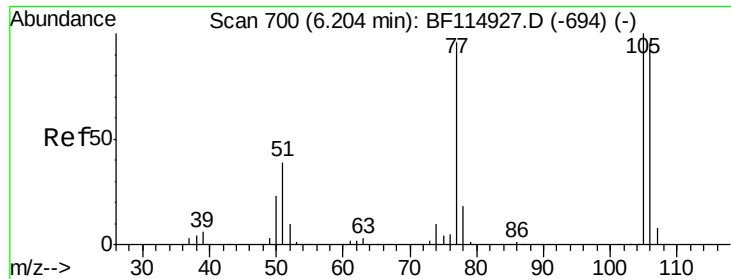
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.325 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

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ClientSampleId :

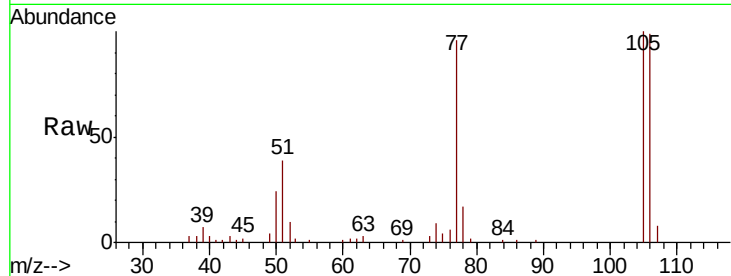
Tot Ion: 77 Resp: 49607

Ion Ratio Lower Upper

77 100

105 104.0 84.5 124.5

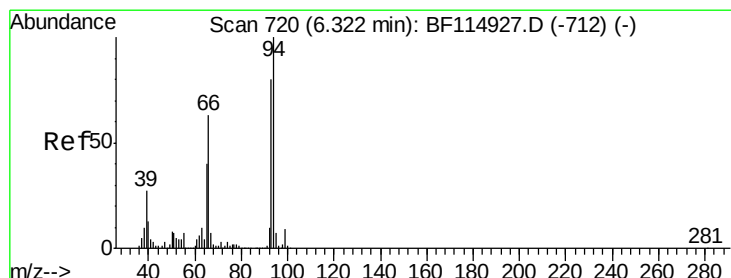
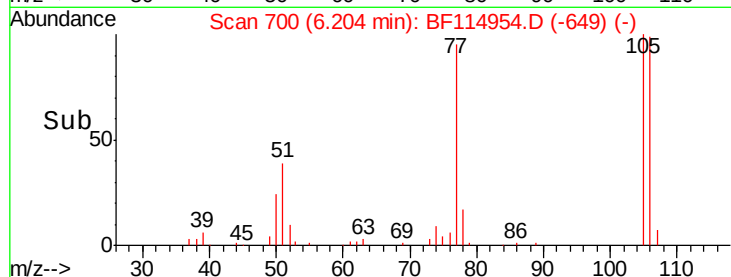
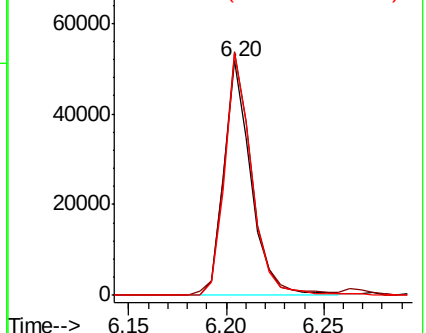
106 103.5 79.2 119.2



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: 34.928 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

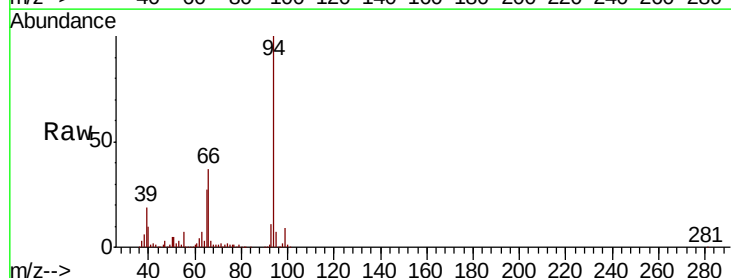
Tgt Ion: 94 Resp: 697991

Ion Ratio Lower Upper

94 100

65 27.2 19.6 59.6

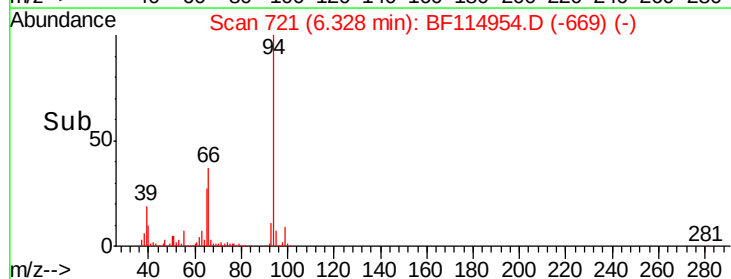
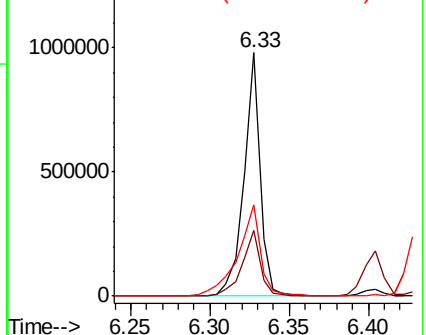
66 37.3 42.6 82.6#

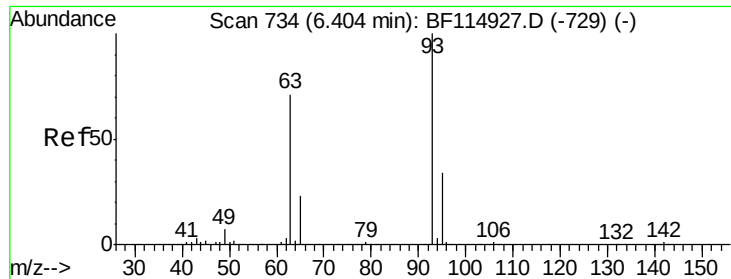


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

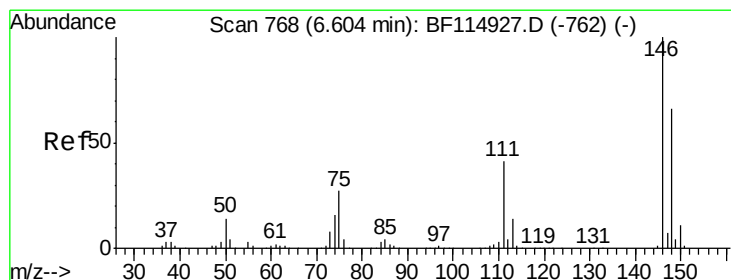
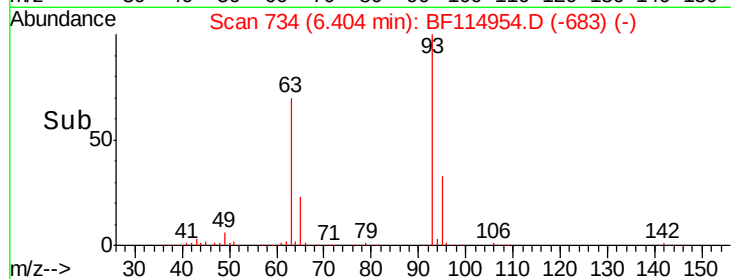
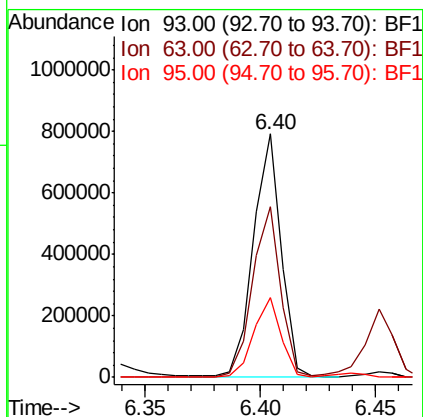
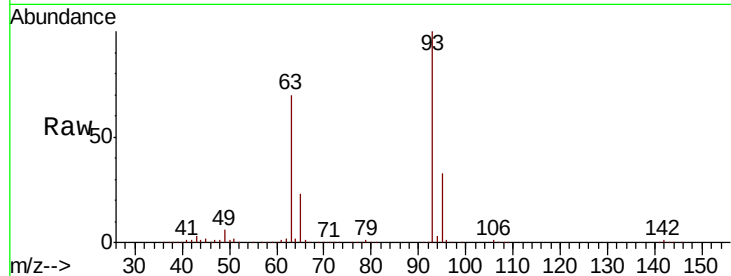




#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

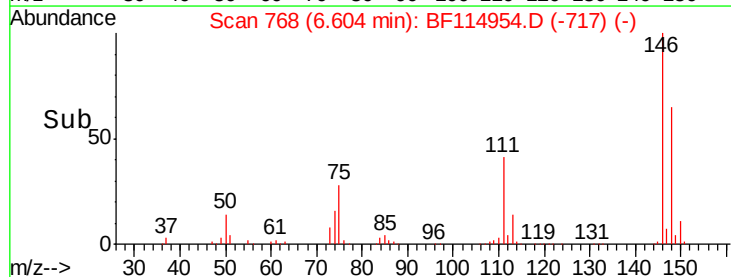
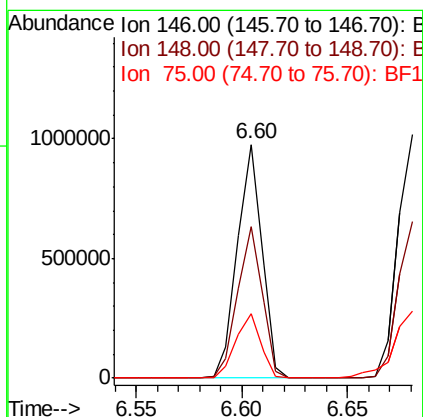
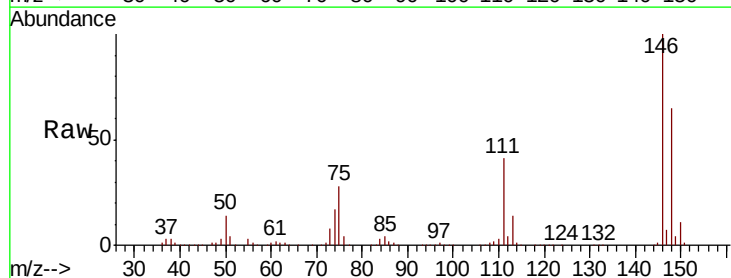
Instrument :
BNA_F
ClientSampleId :

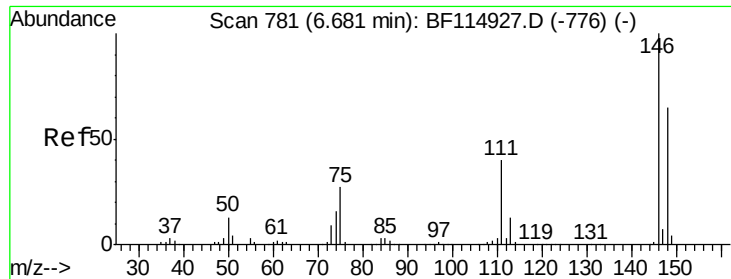
Tot Ion	93	Resp	664007
Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.5	90.5
95	32.8	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 40.150 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	146	Resp	790168
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	78.8
75	27.6	21.9	32.9

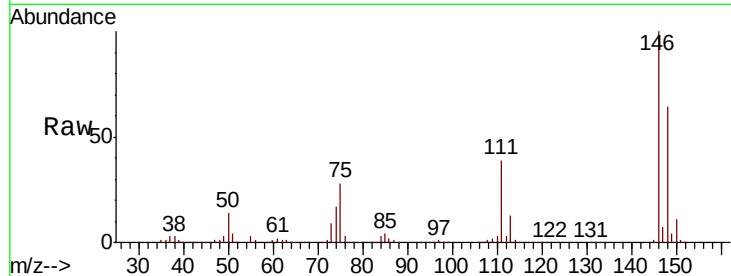




#13
 1,4-Dichlorobenzene
 Concen: 41.060 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	39.2	31.8	47.8

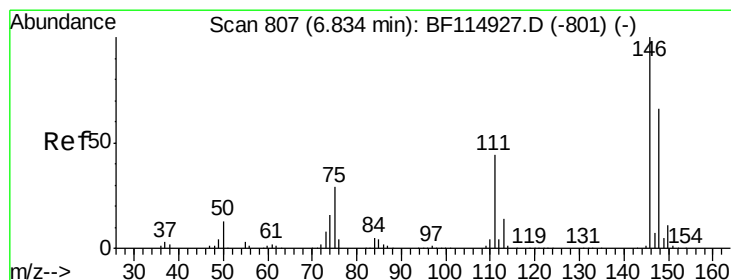
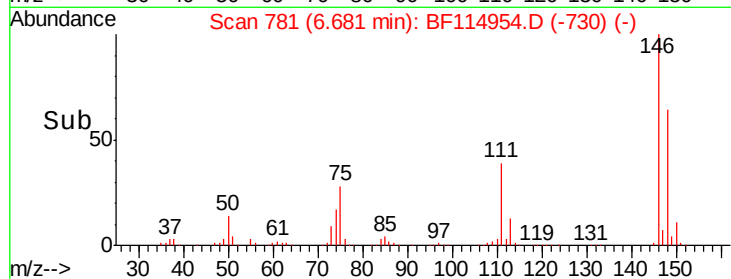
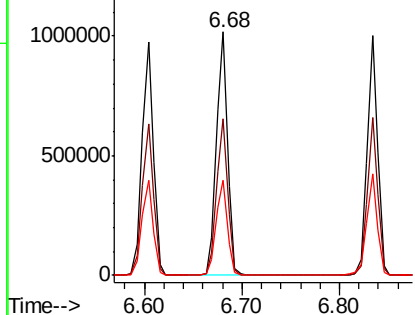


Abundance

Ion 146.00 (145.70 to 146.70): E

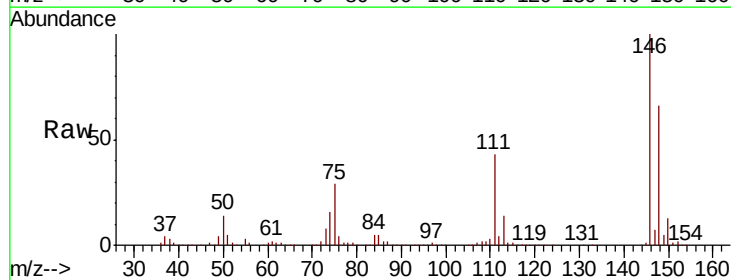
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.532 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.7	79.1
111	42.5	35.4	53.2

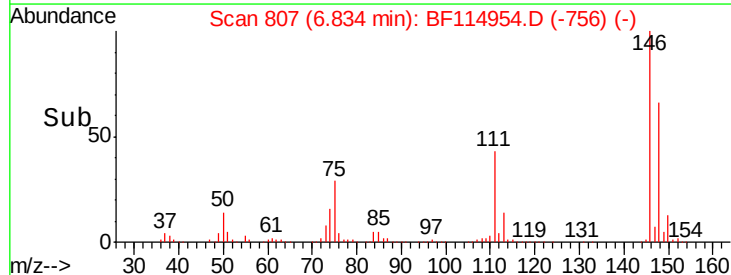
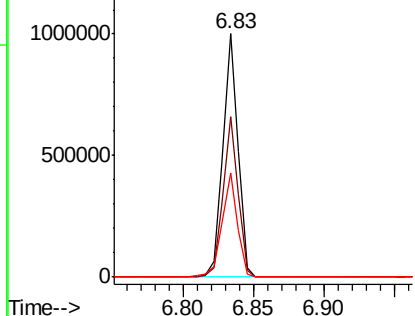


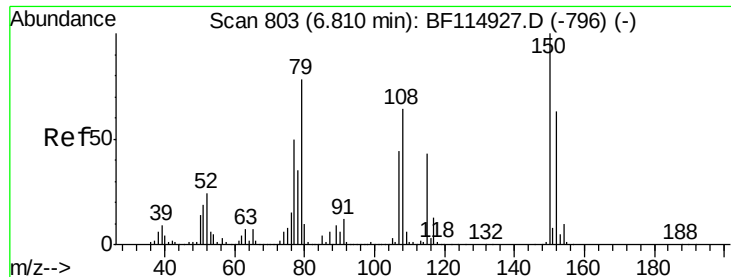
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.196 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampled :

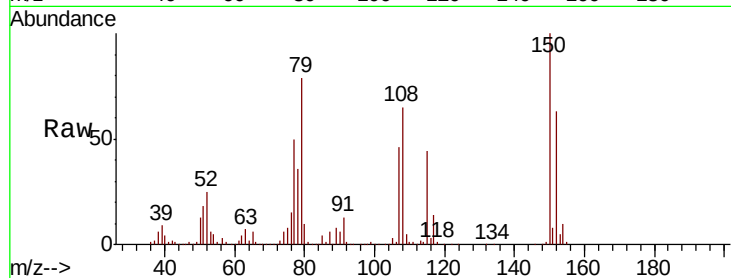
Tot Ion: 79 Resp: 468074

Ion Ratio Lower Upper

79 100

108 81.9 65.5 98.3

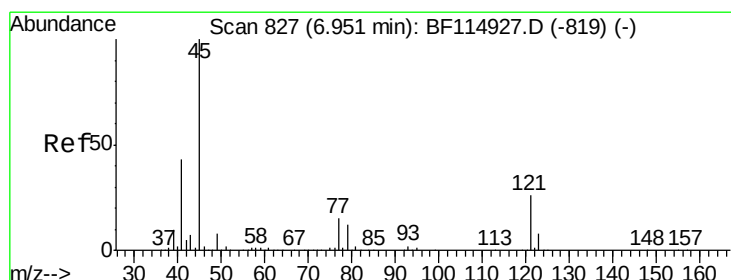
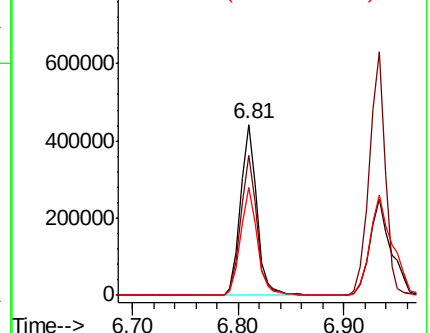
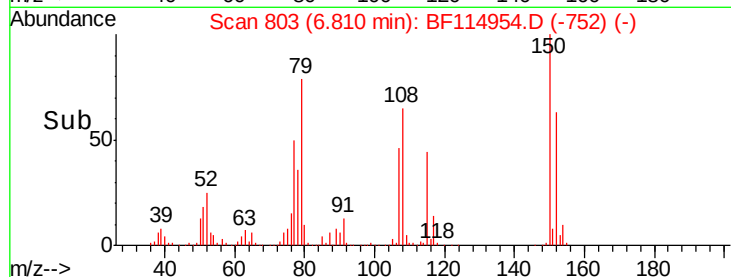
77 63.5 51.3 76.9



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: 40.093 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

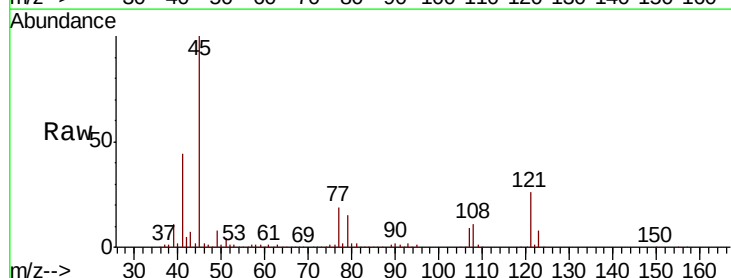
Tgt Ion: 45 Resp: 878194

Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.2

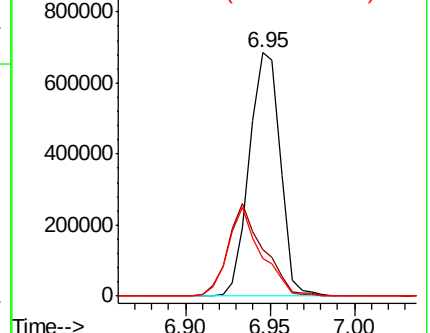
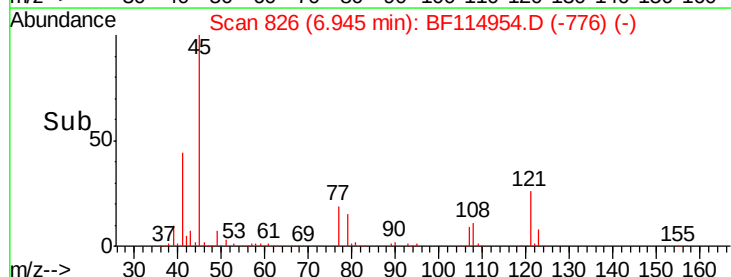
79 15.2 0.0 32.7

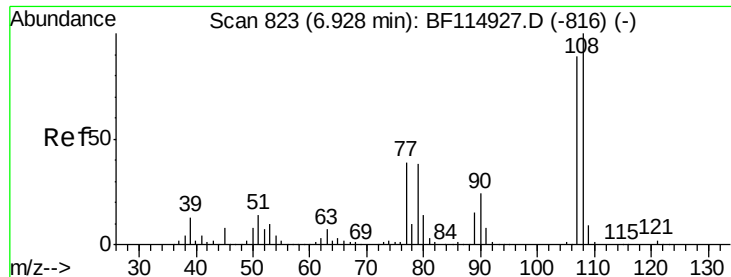


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

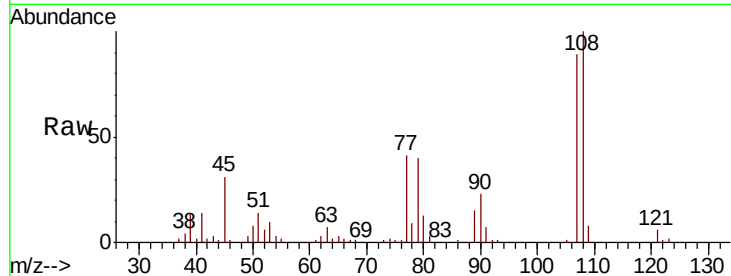




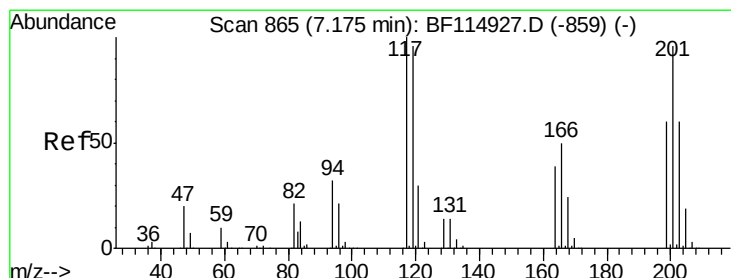
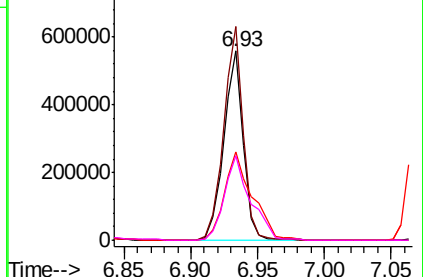
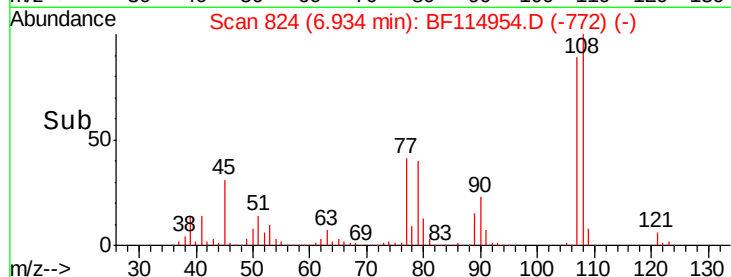
#17
2-Methylphenol
Concen: 40.567 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 575988
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 46.7 35.4 53.0
79 44.7 34.6 52.0

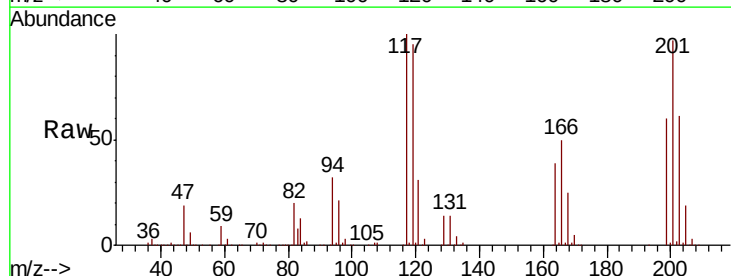


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

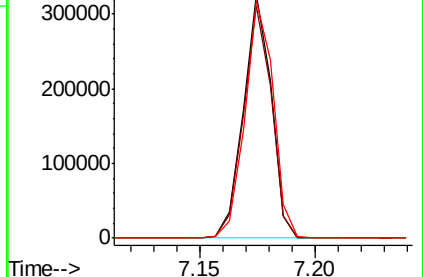
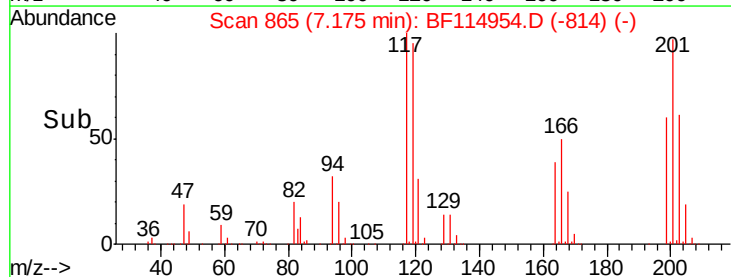


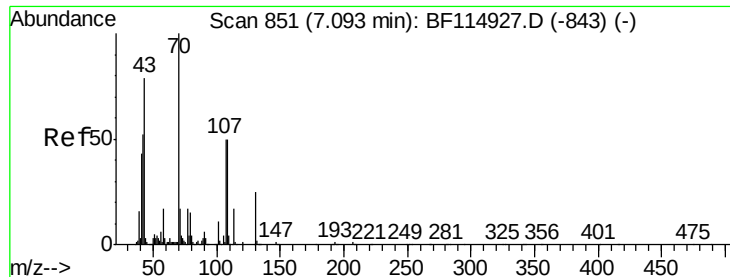
#18
Hexachloroethane
Concen: 37.734 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:117 Resp: 274435
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 97.3 77.0 115.6



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

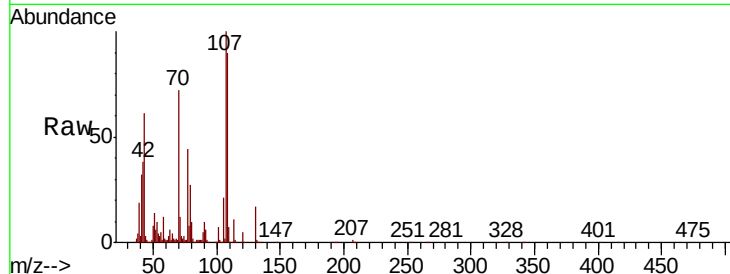




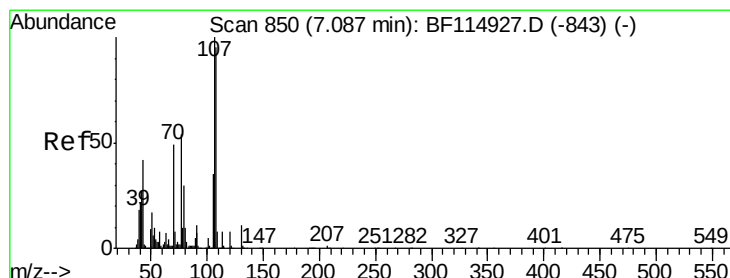
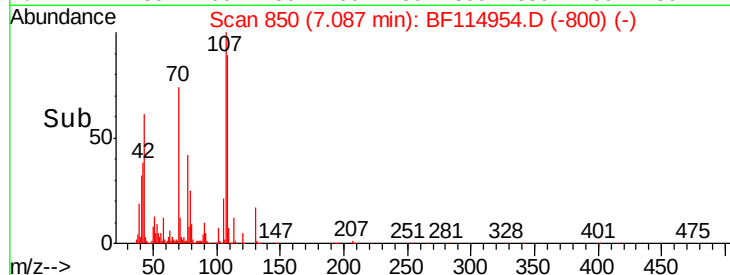
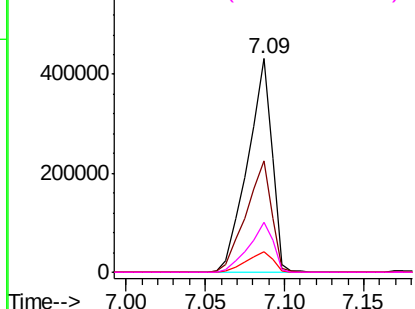
#19
n-Nitroso-di-n-propylamine
Concen: 41.173 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	461406
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.7	62.5
101	9.9	8.4	12.6
130	23.6	19.9	29.9



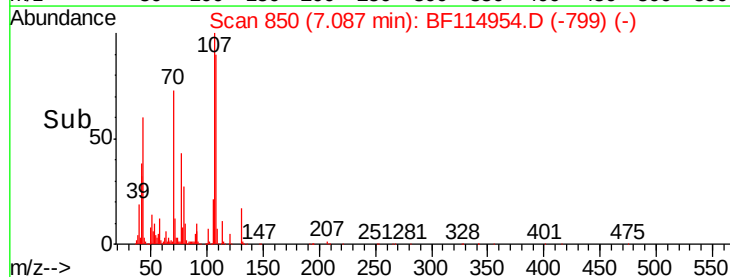
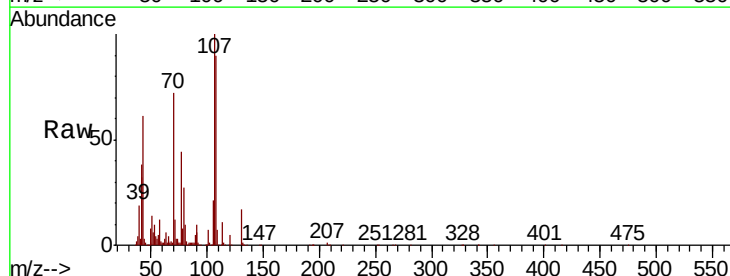
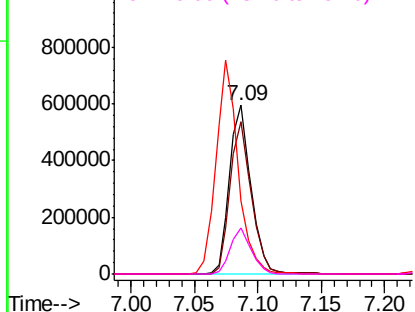
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

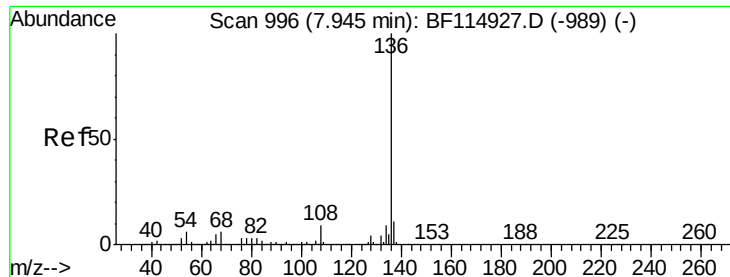


#20
3+4-Methylphenols
Concen: 43.767 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:	107	Resp:	695787
Ion	Ratio	Lower	Upper
107	100		
108	90.0	74.7	114.7
77	43.5	33.7	73.7
79	27.4	10.2	50.2

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

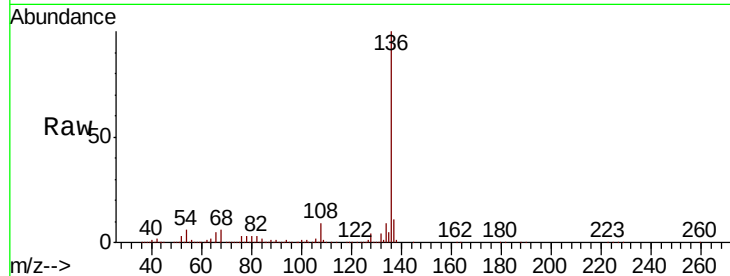




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	975147
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	6.3	5.2 7.8
68	5.6	4.6 7.0



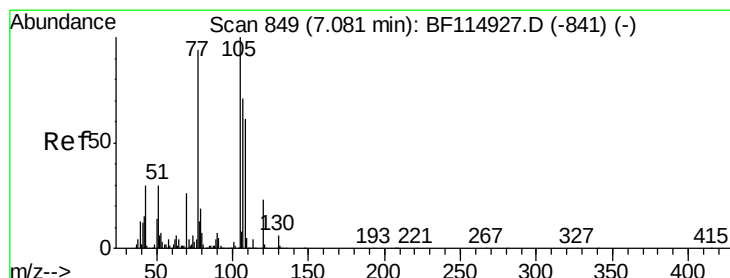
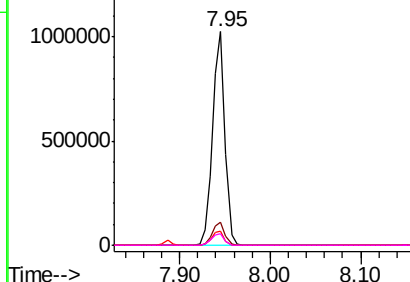
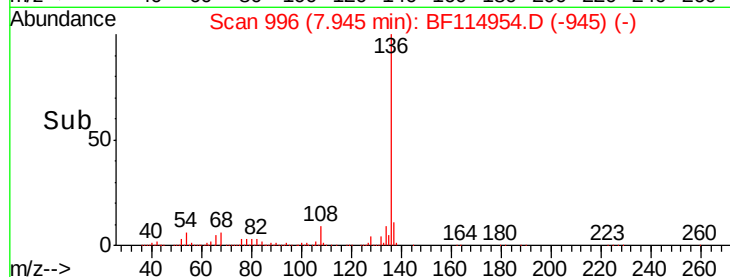
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

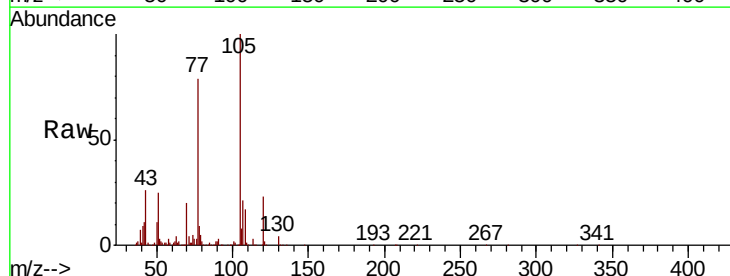
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.280 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:105	Resp:	988372
Ion Ratio	Lower	Upper
105	100	
71	3.6	3.4 5.2
51	25.5	24.0 36.0
120	23.4	18.8 28.2



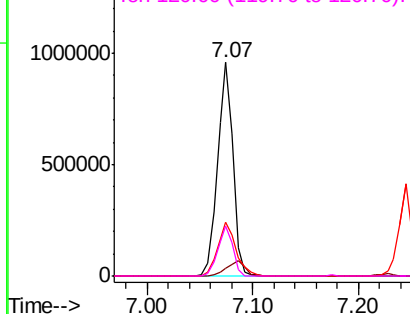
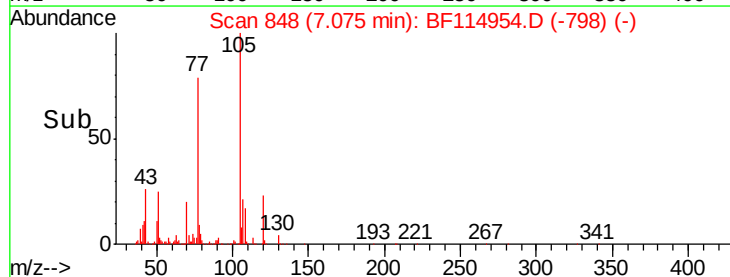
Abundance

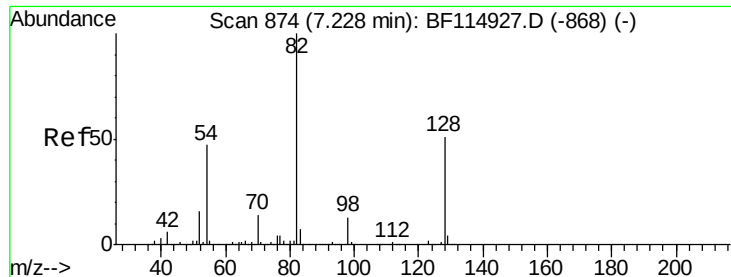
Ion 105.00 (104.70 to 105.70): E

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

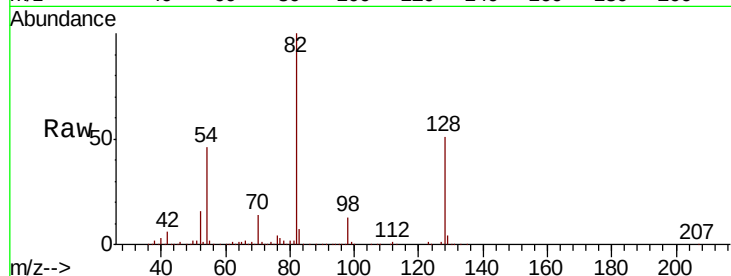




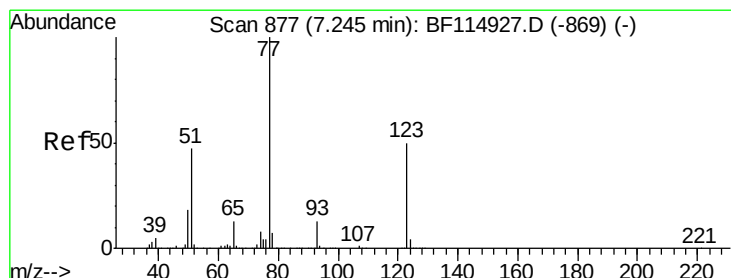
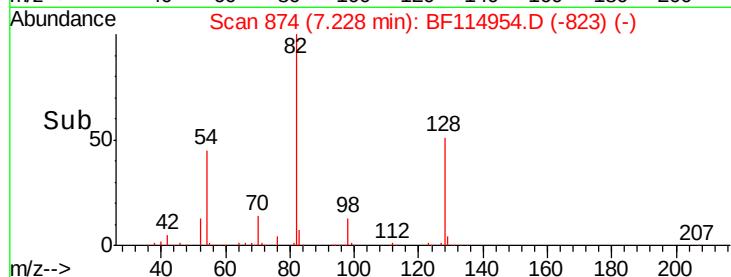
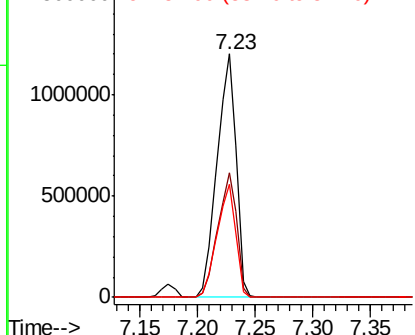
#23
Nitrobenzene-d5
Concen: 87.026 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1381187
Ion Ratio Lower Upper
82 100
128 51.4 40.9 61.3
54 46.2 37.4 56.0

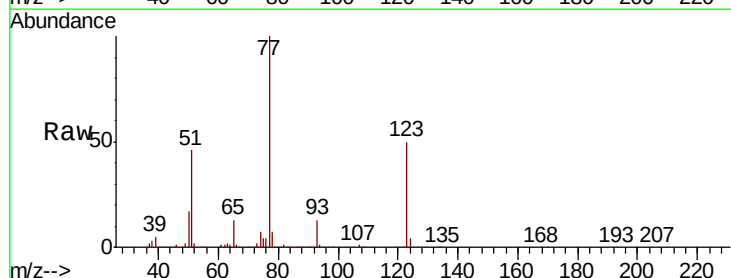


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

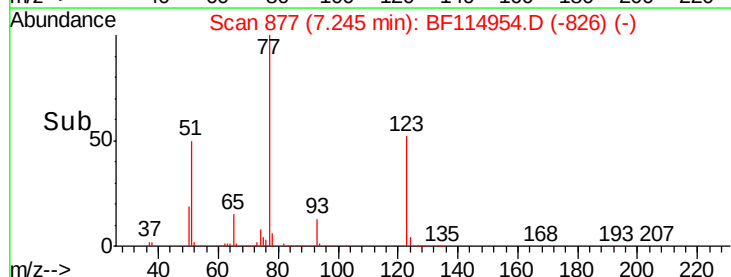
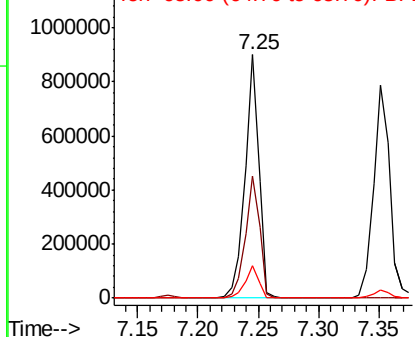


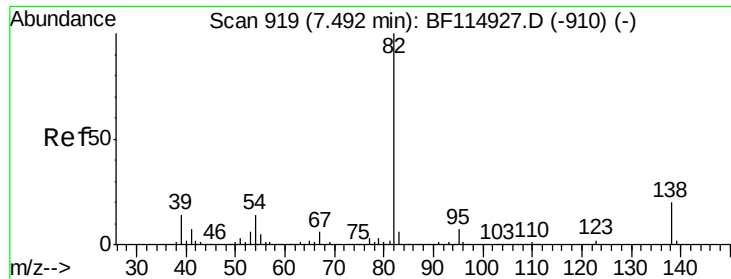
#24
Nitrobenzene
Concen: 44.064 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion: 77 Resp: 727504
Ion Ratio Lower Upper
77 100
123 50.4 39.8 59.6
65 13.3 10.7 16.1



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: 42.242 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

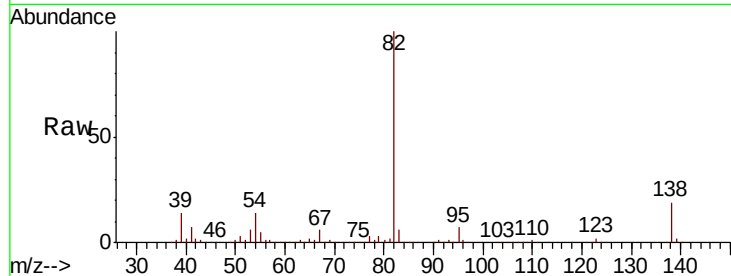
Tot Ion: 82 Resp: 1312835

Ion Ratio Lower Upper

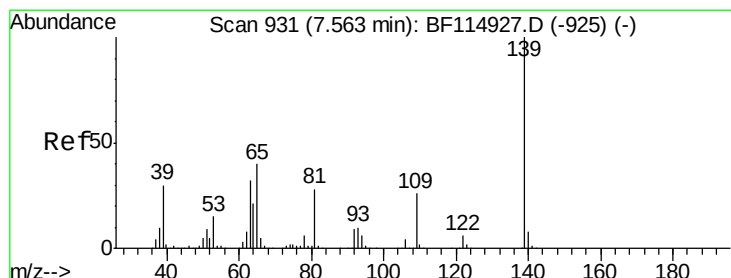
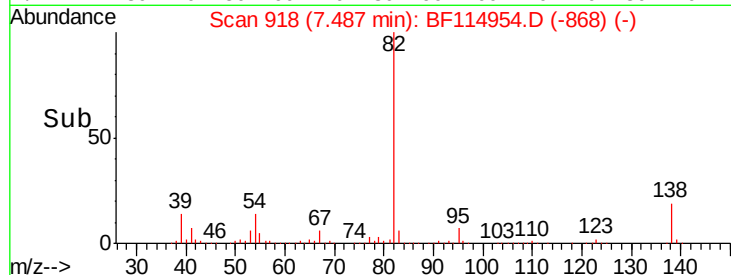
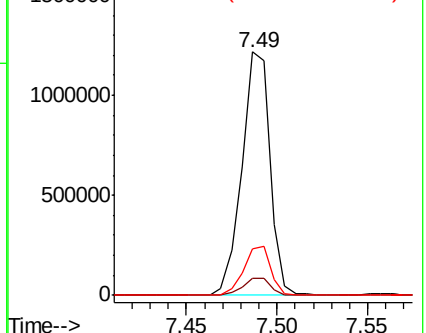
82 100

95 6.8 5.7 8.5

138 19.1 16.4 24.6



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



#26

2-Nitrophenol

Concen: 44.111 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

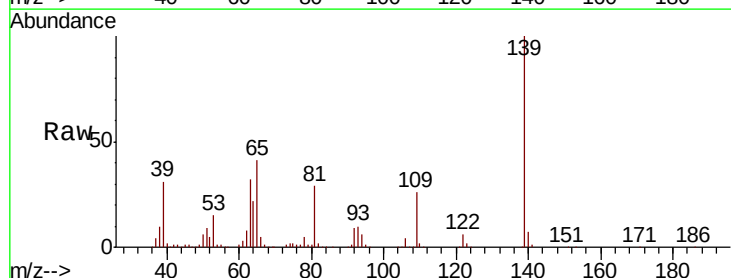
Tgt Ion: 139 Resp: 404607

Ion Ratio Lower Upper

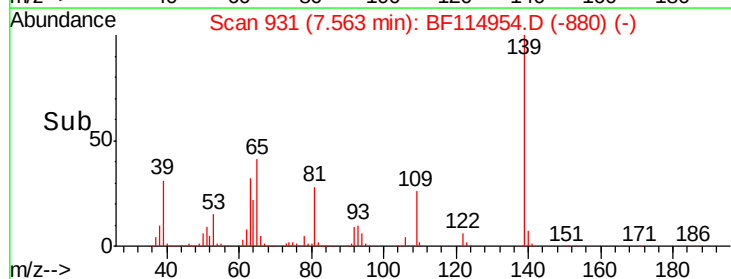
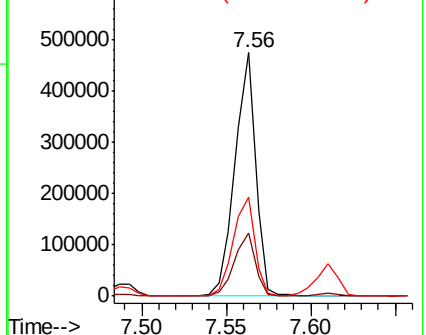
139 100

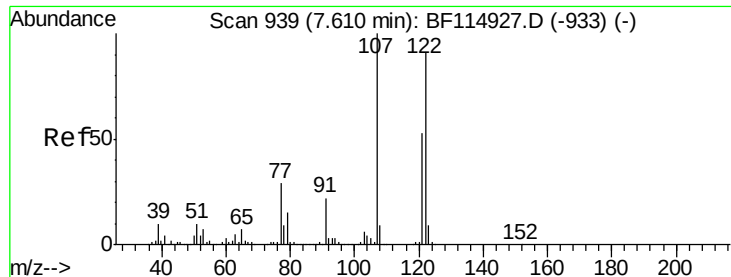
109 25.7 20.6 30.8

65 40.7 32.2 48.2



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





#27

2,4-Dimethylphenol

Concen: 48.319 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampled :

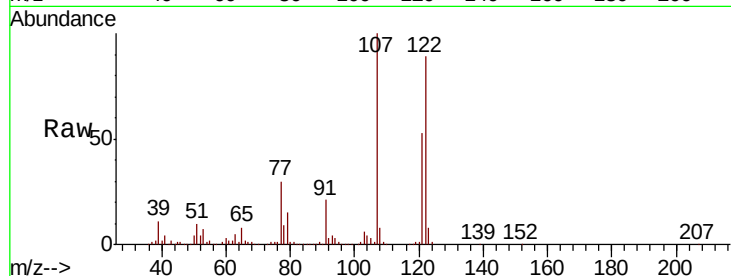
Tot Ion:122 Resp: 648553

Ion Ratio Lower Upper

122 100

107 112.8 88.0 132.0

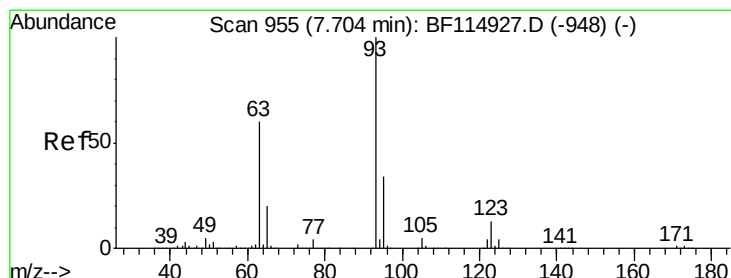
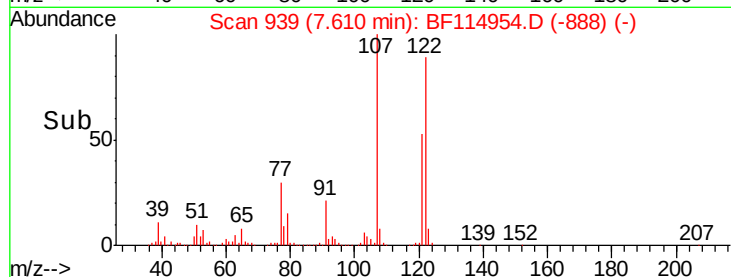
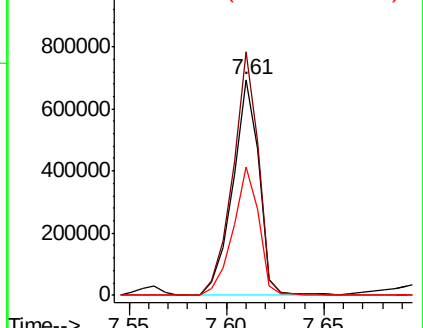
121 59.5 47.0 70.6



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: 42.355 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

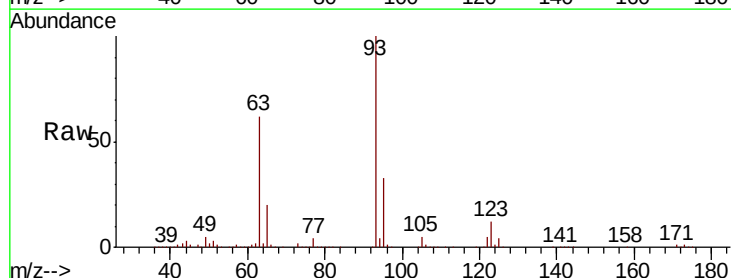
Tgt Ion: 93 Resp: 842081

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

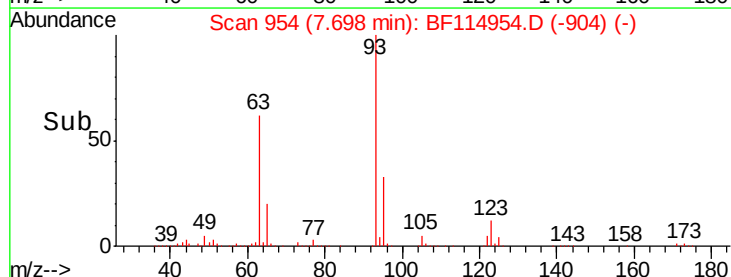
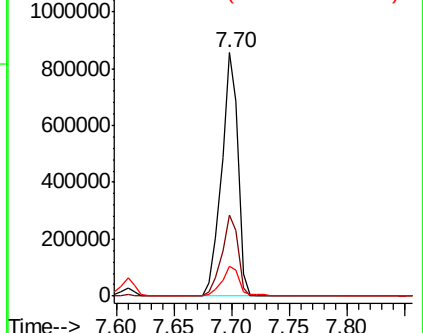
123 12.3 10.3 15.5

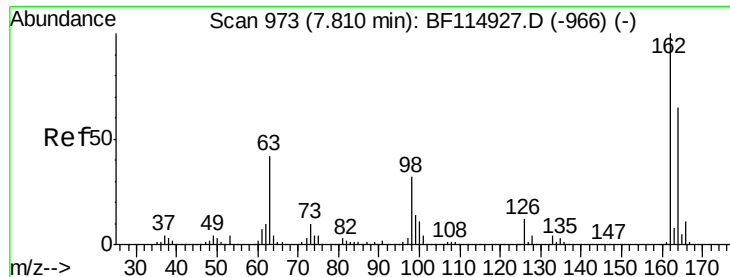


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

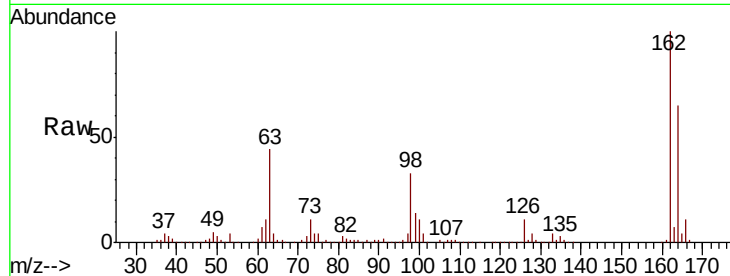




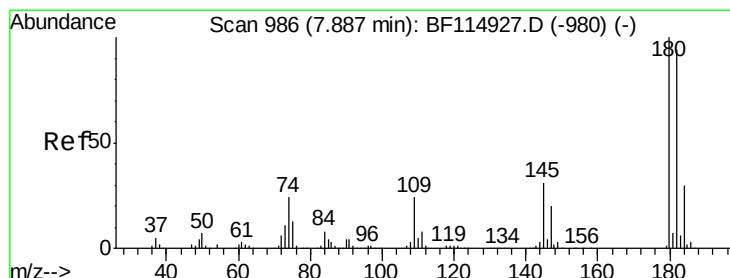
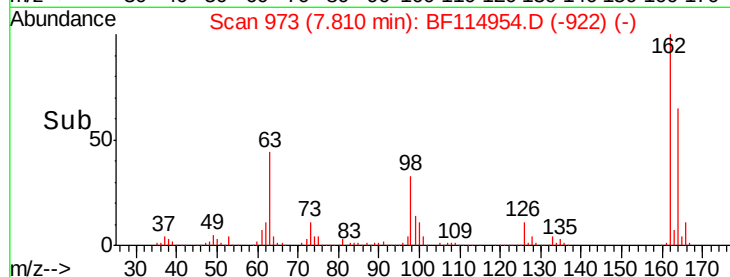
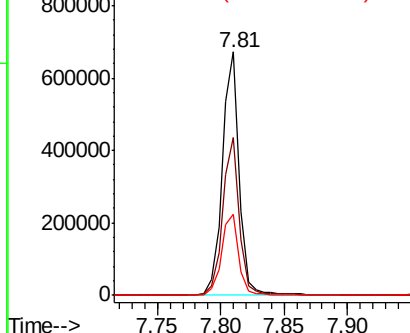
#29
2,4-Dichlorophenol
Concen: 44.470 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	33.4	12.5	52.5

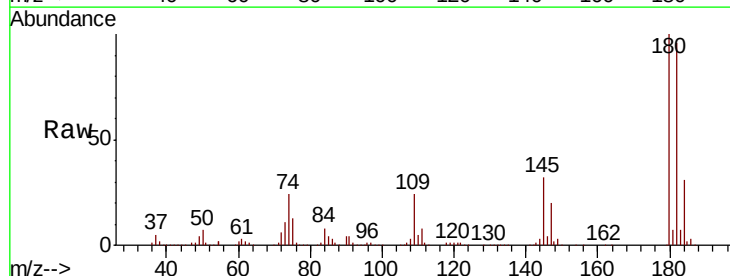


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

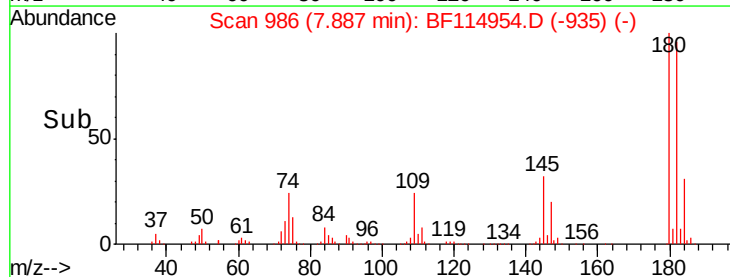
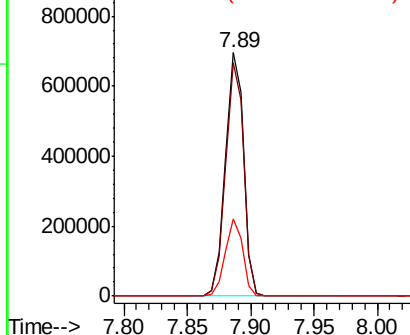


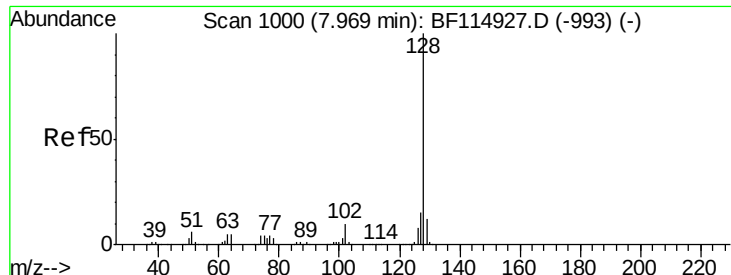
#30
1,2,4-Trichlorobenzene
Concen: 42.733 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.6
145	31.6	25.1	37.7



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

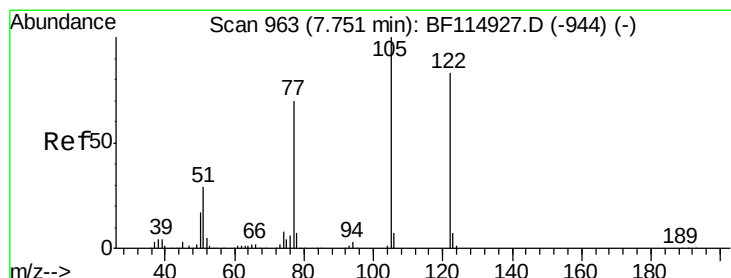
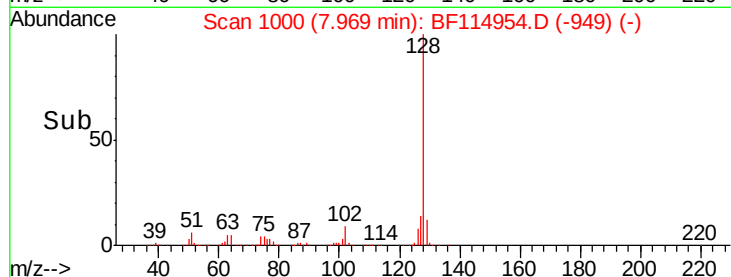
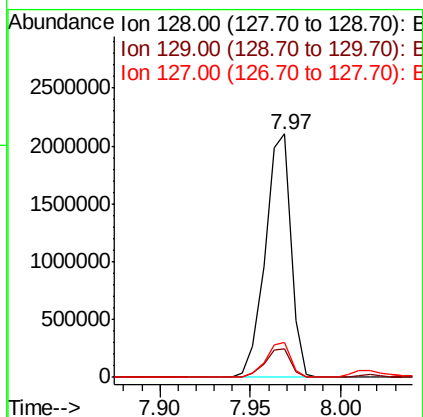
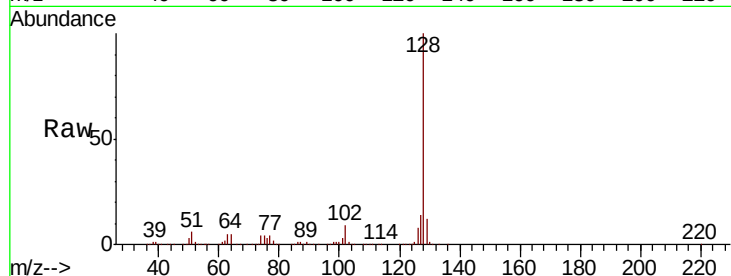




#31
Naphthalene
Concen: 46.120 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

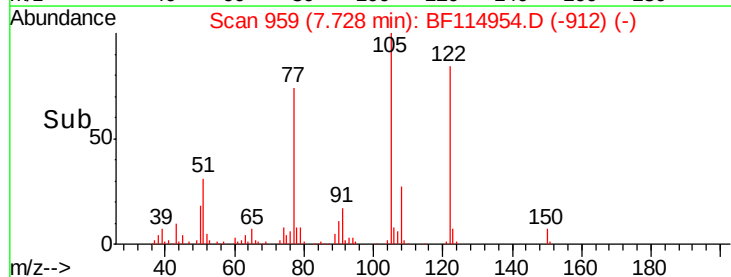
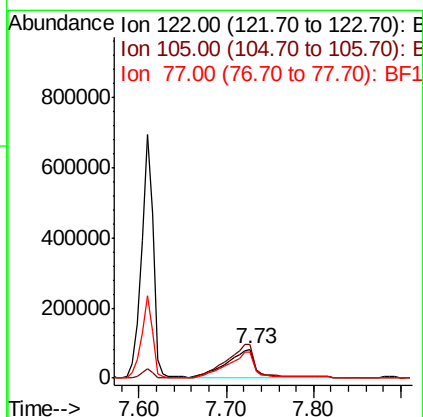
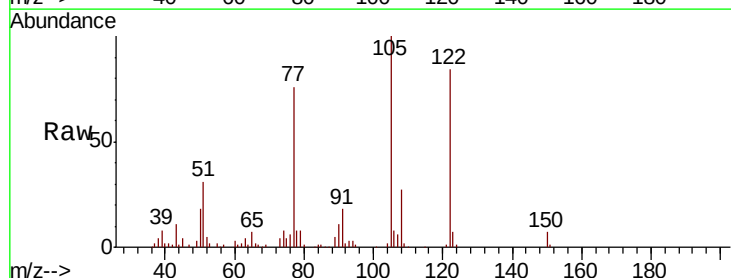
Instrument :
BNA_F
ClientSampleId :

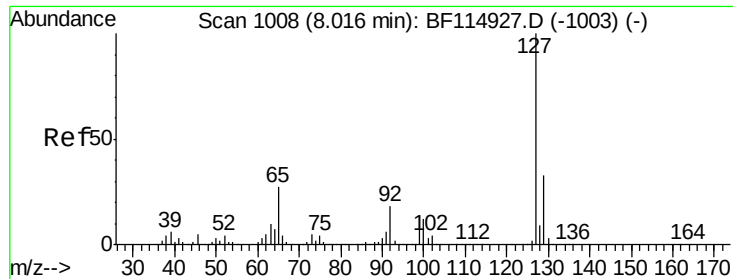
Tot Ion:128 Resp: 2072281
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 18.665 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:122 Resp: 187133
Ion Ratio Lower Upper
122 100
105 118.8 97.7 137.7
77 90.3 63.0 103.0

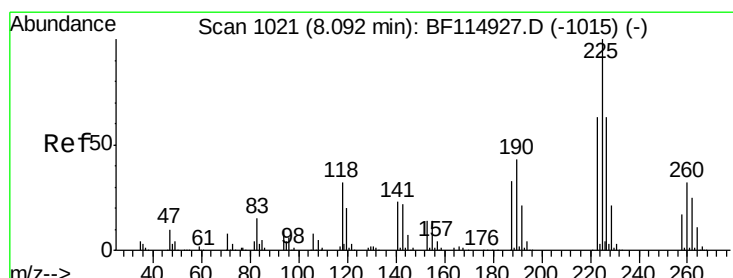
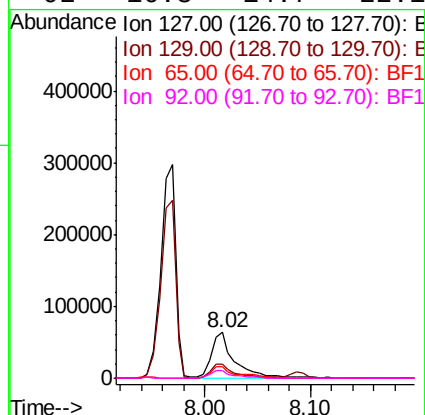
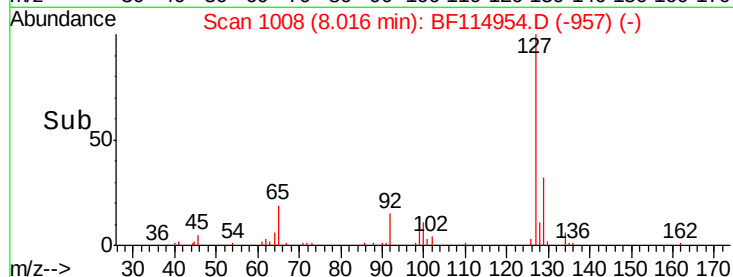
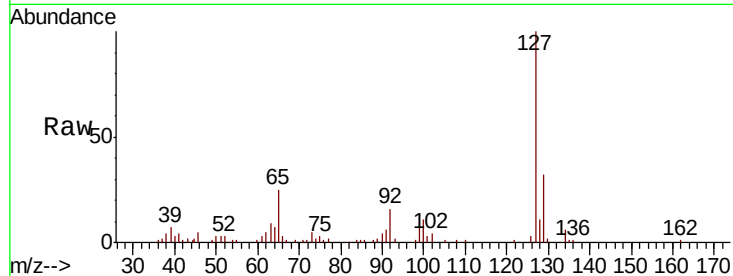




#33
4-Chloroaniline
Concen: 4.550 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

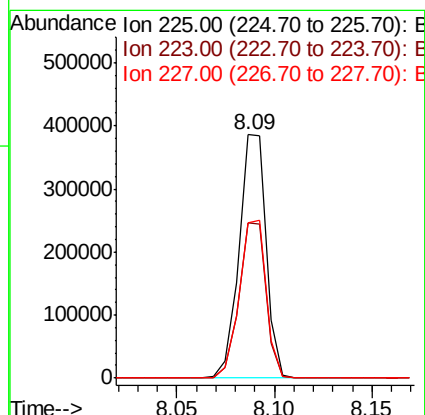
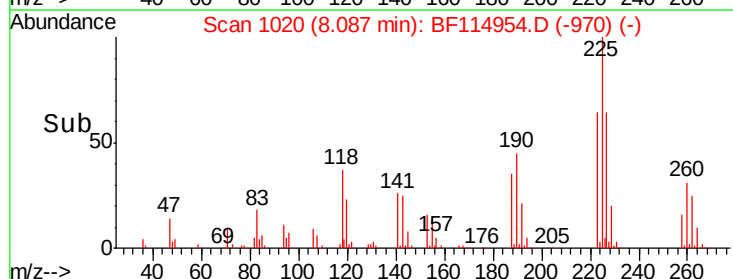
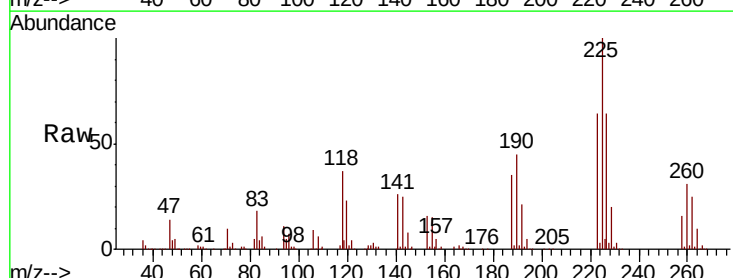
Instrument :
BNA_F
ClientSampleId :

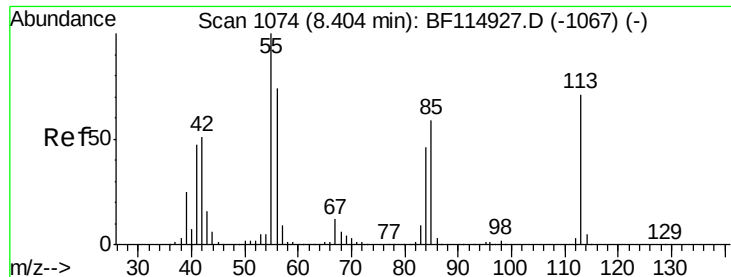
Tot Ion:	127	Resp:	96480
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	40.0
65	25.4	21.5	32.3
92	16.3	14.7	22.1



#34
Hexachlorobutadiene
Concen: 40.988 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:	225	Resp:	370849
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	63.9	50.6	75.8





#35

Caprolactam

Concen: 10.379 ng

RT: 8.42 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

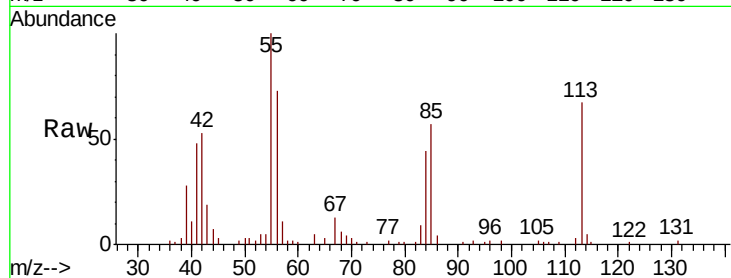
Tot Ion:113 Resp: 49142

Ion Ratio Lower Upper

113 100

55 148.1 120.9 160.9

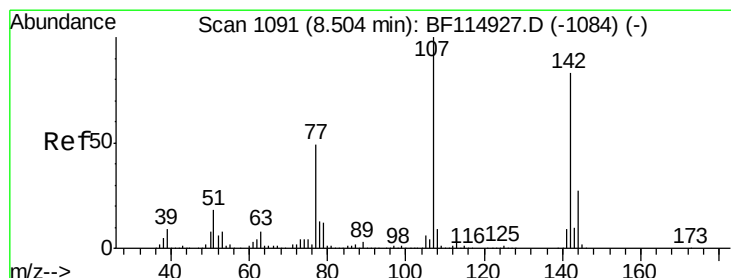
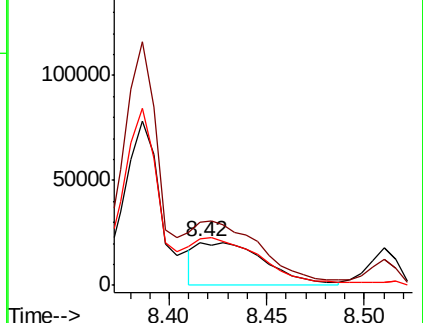
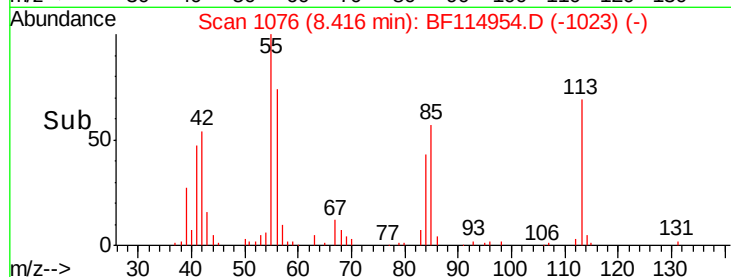
56 108.1 84.3 124.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.318 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

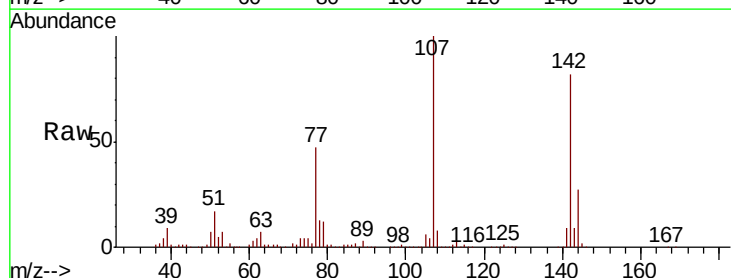
Tgt Ion:107 Resp: 632718

Ion Ratio Lower Upper

107 100

144 26.5 21.6 32.4

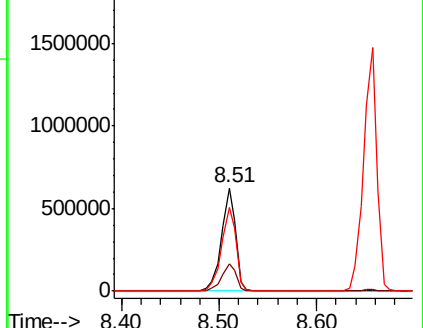
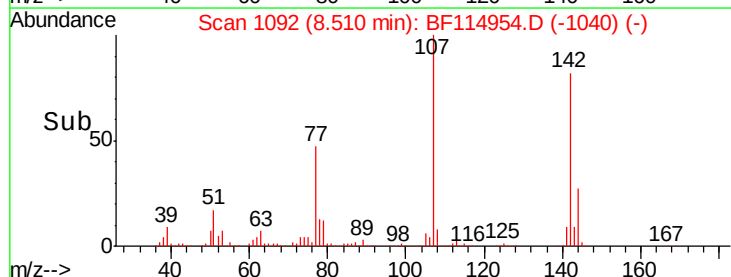
142 81.7 66.1 99.1

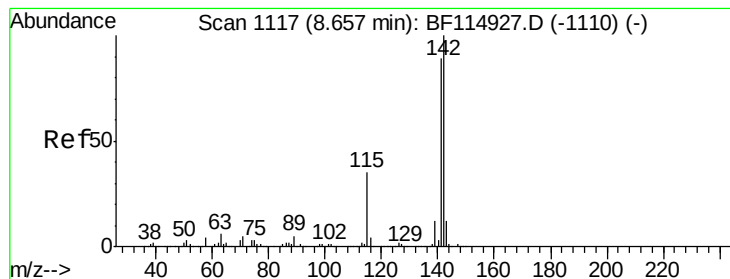


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.679 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

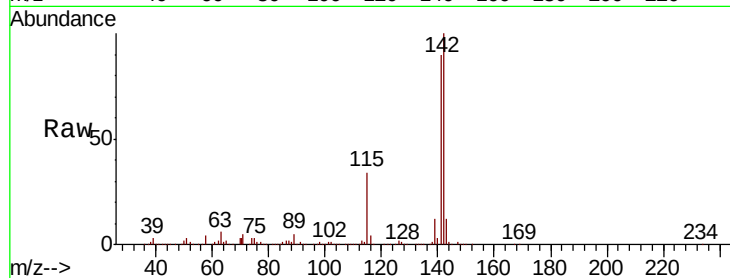
Tot Ion:142 Resp: 1394744

Ion Ratio Lower Upper

142 100

141 90.1 71.1 106.7

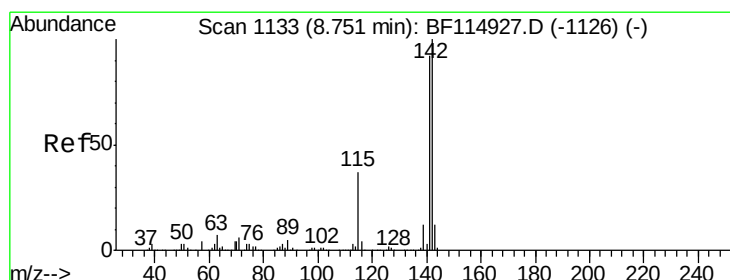
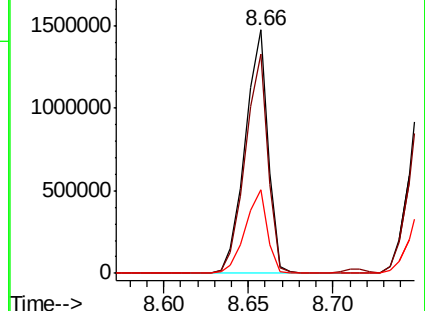
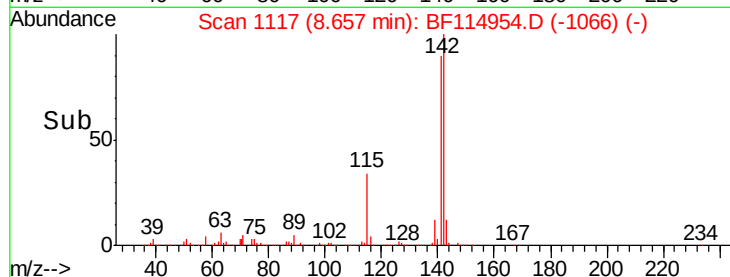
115 34.2 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.913 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

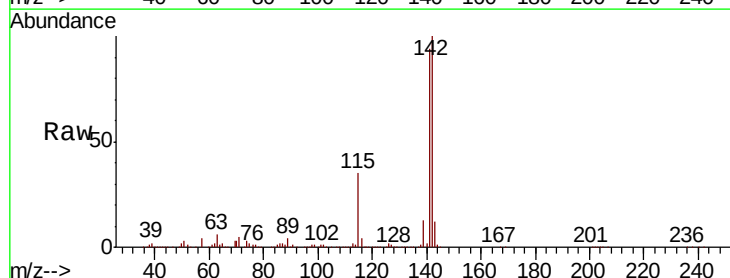
Tgt Ion:142 Resp: 1325851

Ion Ratio Lower Upper

142 100

141 93.9 73.7 110.5

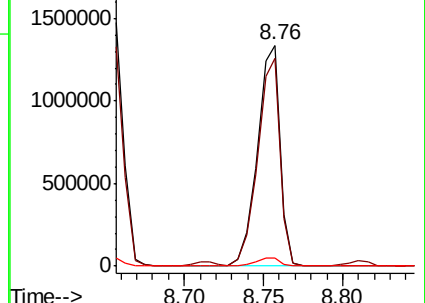
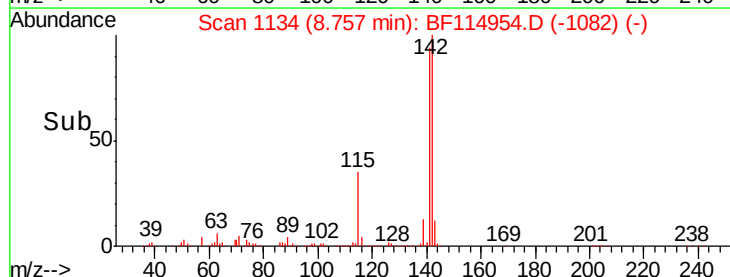
116 3.6 3.1 4.7

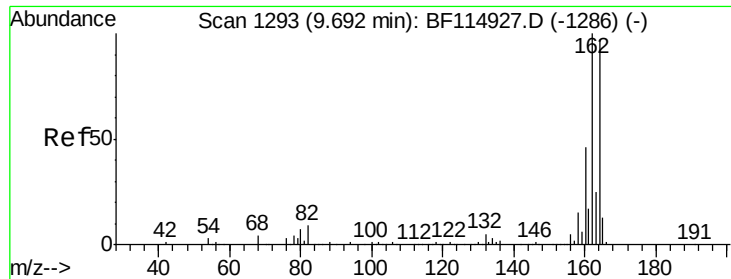


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

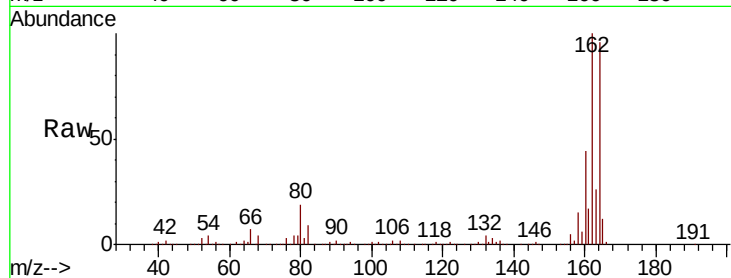




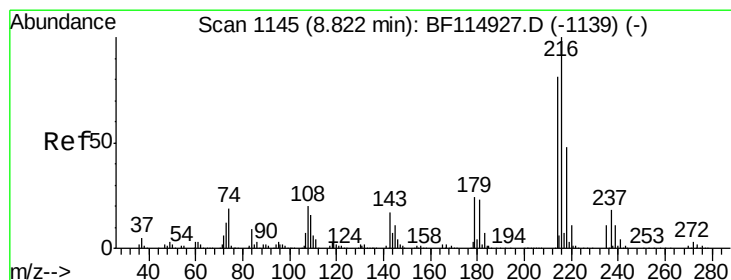
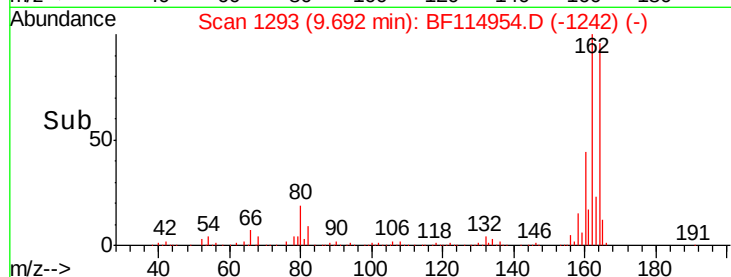
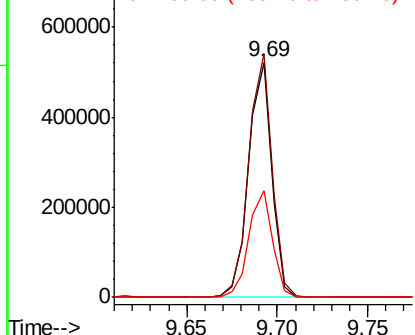
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	45.5	37.5	56.3



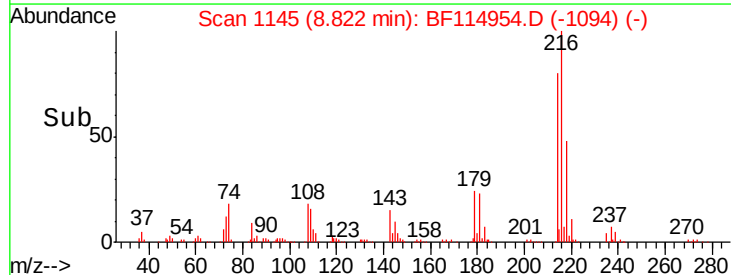
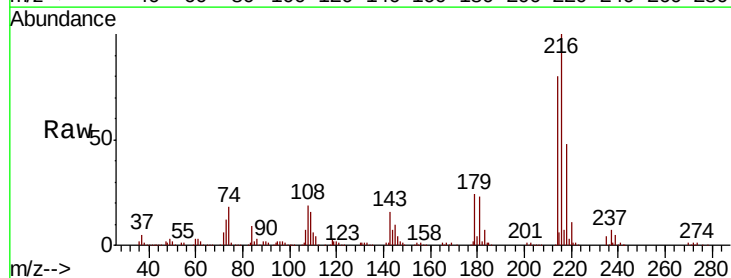
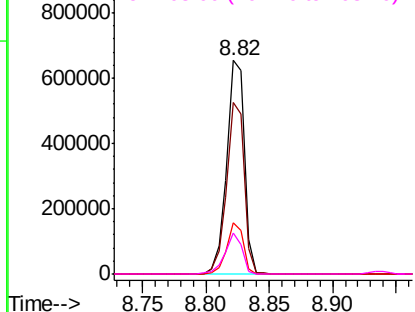
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

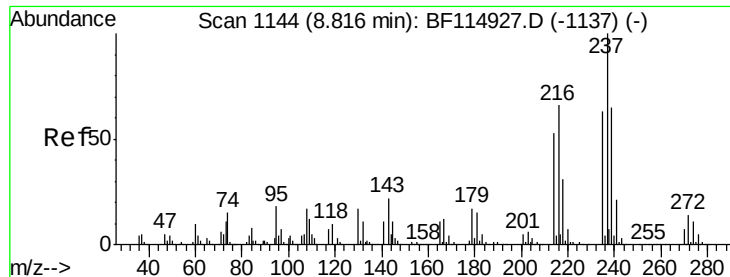


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.435 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	22.5	18.5	27.7
108	18.7	15.6	23.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

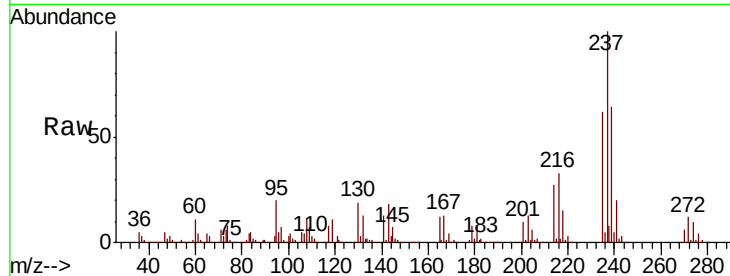




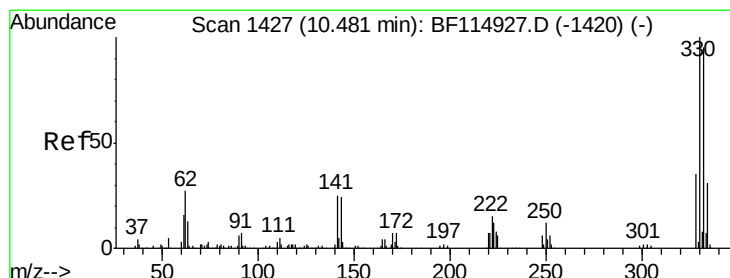
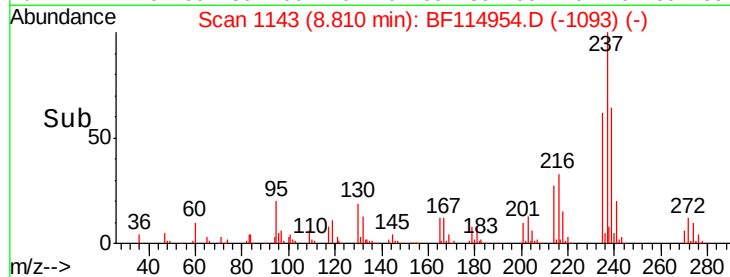
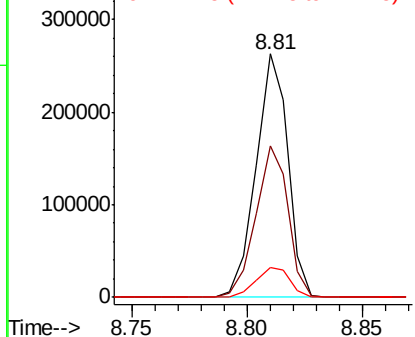
#41
Hexachlorocyclopentadiene
Concen: 33.360 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.3	83.3
272	12.3	0.0	33.5

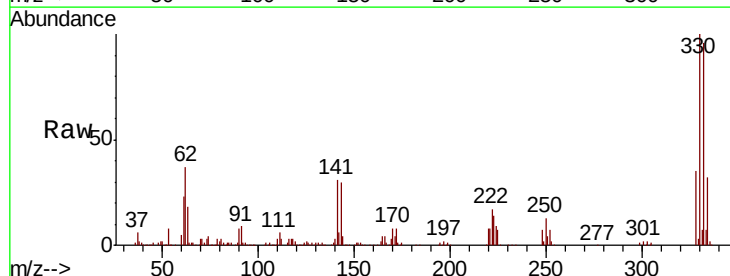


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

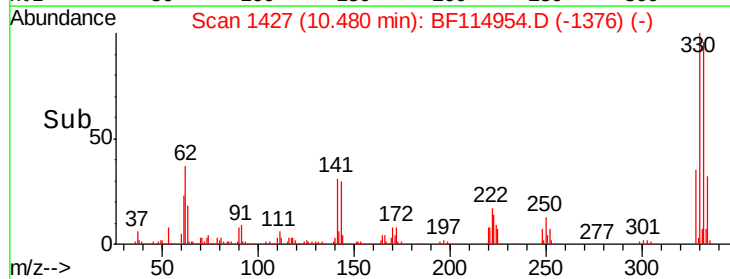
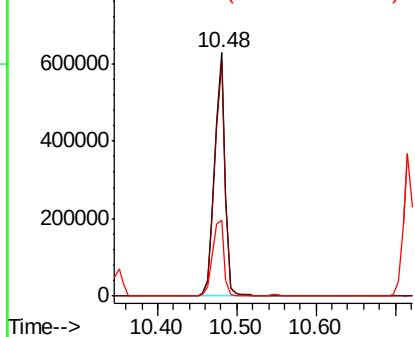


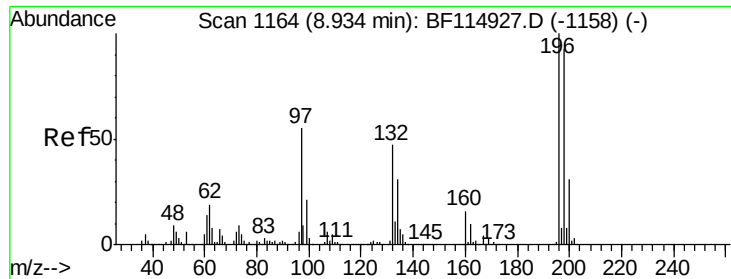
#42
2,4,6-Tribromophenol
Concen: 114.339 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.4	114.6
141	34.2	26.8	40.2



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

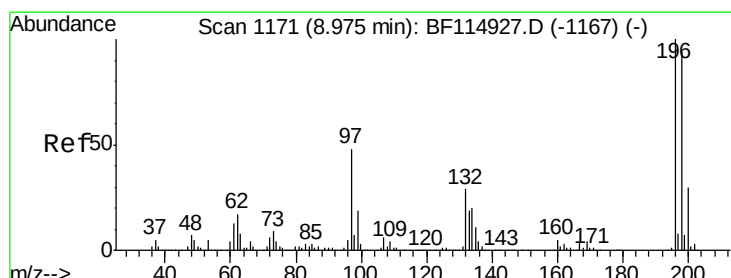
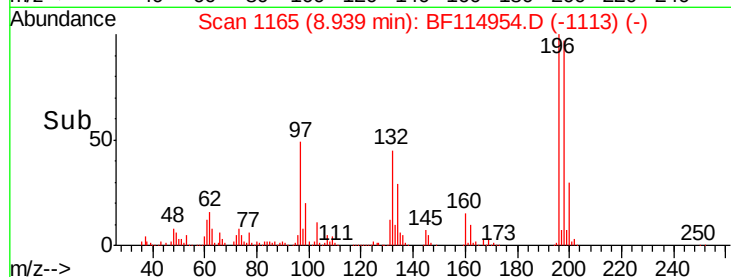
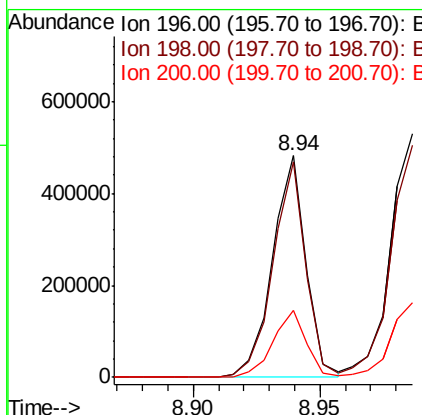
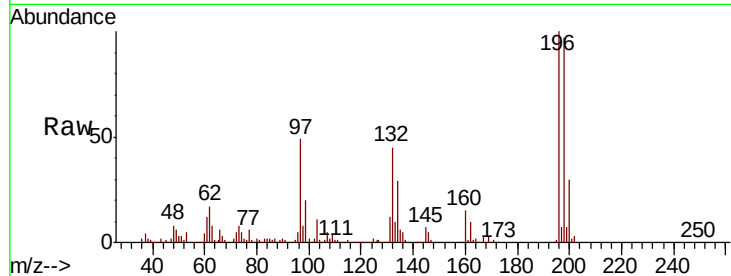




#43
 2,4,6-Trichlorophenol
 Concen: 44.172 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

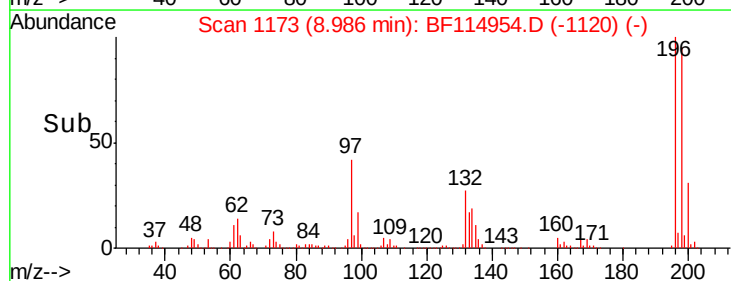
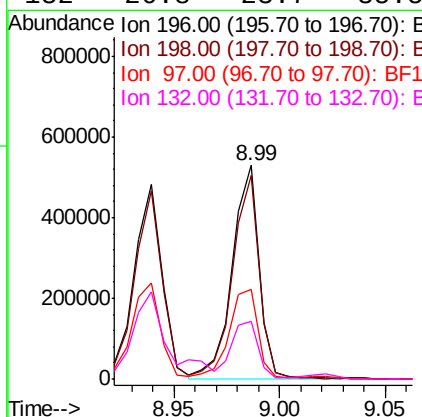
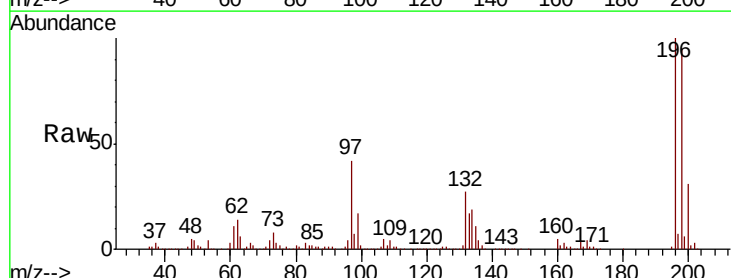
Instrument :
 BNA_F
 ClientSampleId :

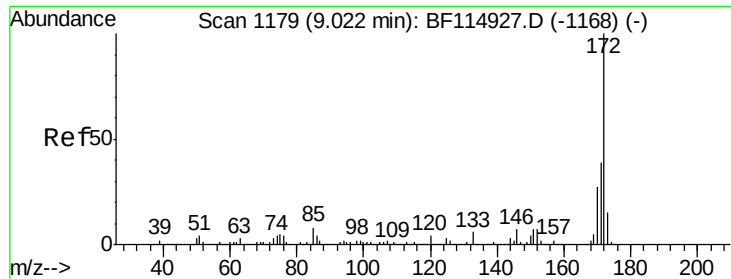
Tot Ion:196 Resp: 446699
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.8 112.2
 200 30.4 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.191 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:196 Resp: 460790
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.6 113.4
 97 42.0 38.6 57.8
 132 26.8 23.7 35.5

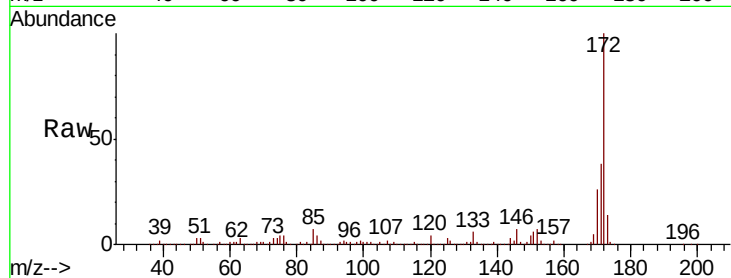




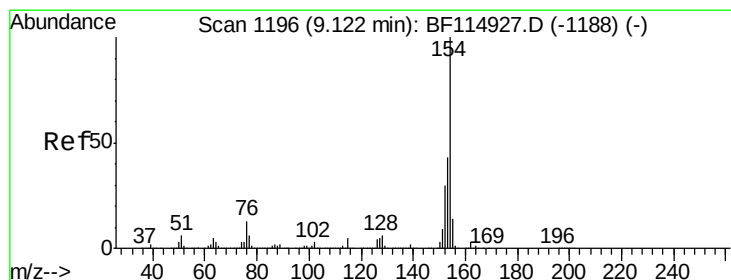
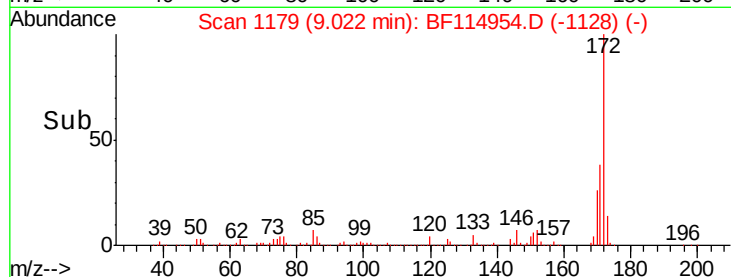
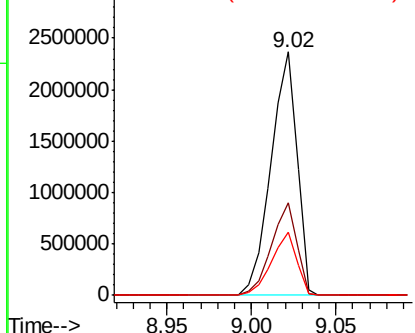
#45
2-Fluorobiphenyl
Concen: 85.802 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2504240
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 26.0 21.4 32.0

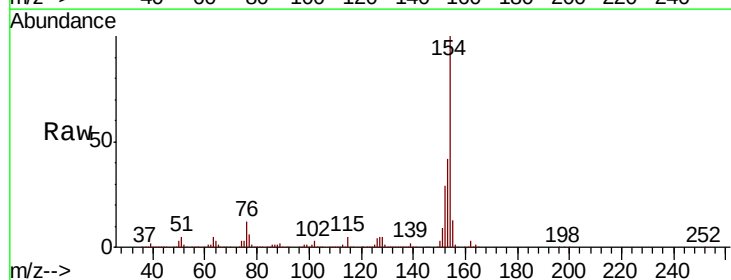


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

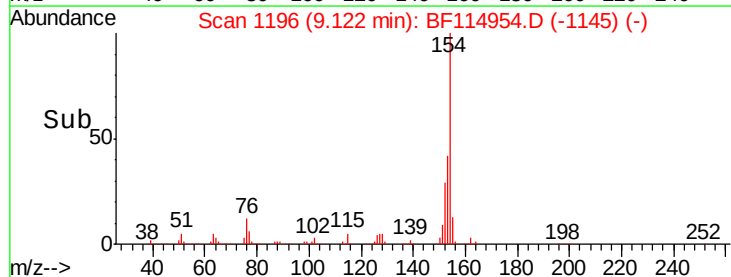
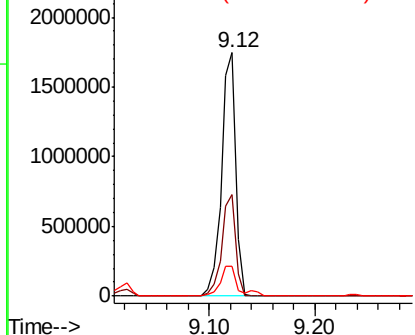


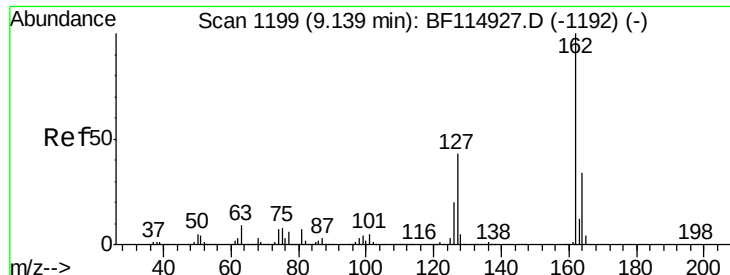
#46
1,1'-Biphenyl
Concen: 47.463 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:154 Resp: 1644791
Ion Ratio Lower Upper
154 100
153 41.8 22.8 62.8
76 12.1 0.0 33.0



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

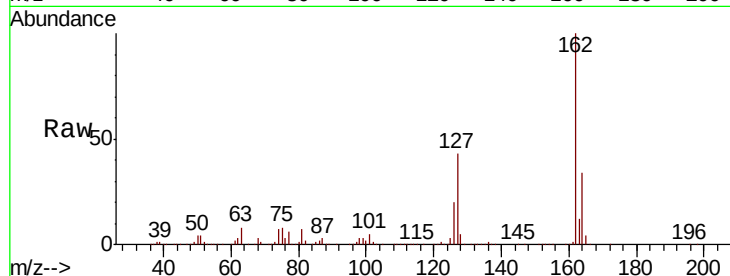




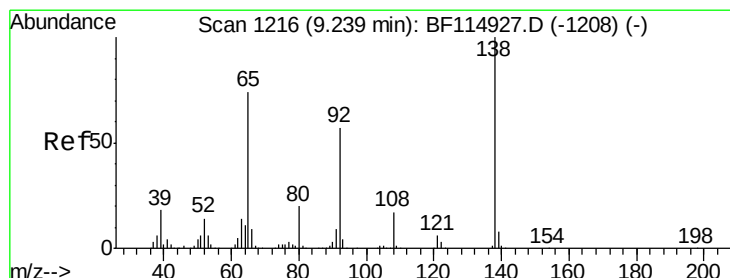
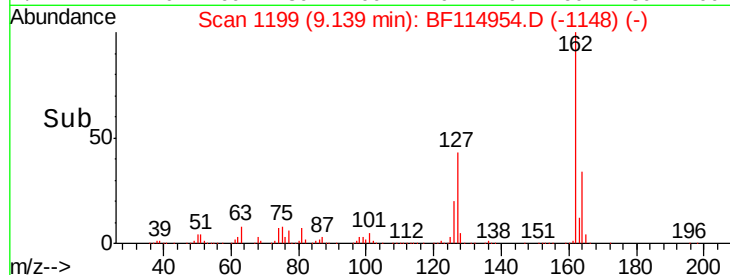
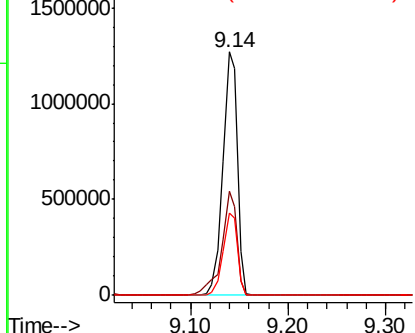
#47
 2-Chloronaphthalene
 Concen: 44.707 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1307840
 Ion Ratio Lower Upper
 162 100
 127 42.5 34.6 51.8
 164 33.7 27.5 41.3

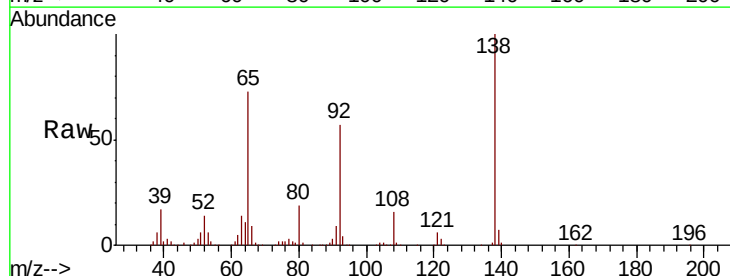


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

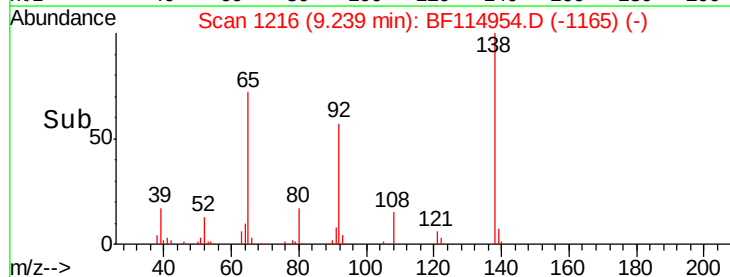
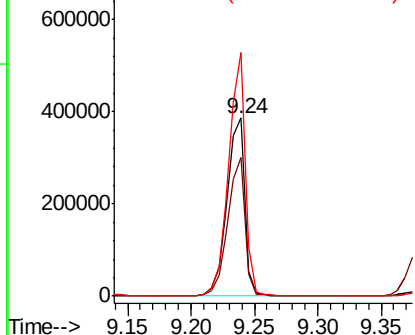


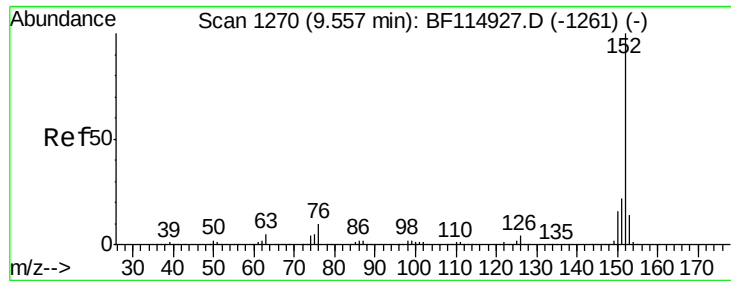
#48
 2-Nitroaniline
 Concen: 42.319 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion: 65 Resp: 376839
 Ion Ratio Lower Upper
 65 100
 92 78.1 61.9 92.9
 138 136.9 108.6 162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.258 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

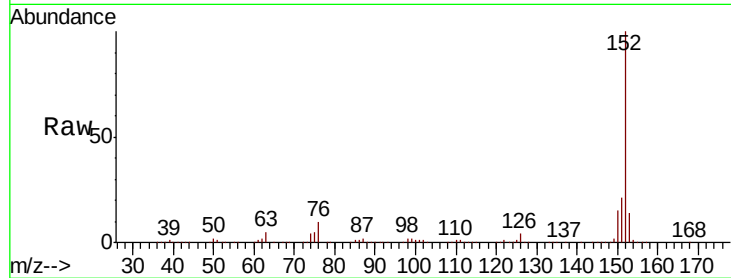
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1994152

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.6	26.4
153	13.8	11.4	17.0

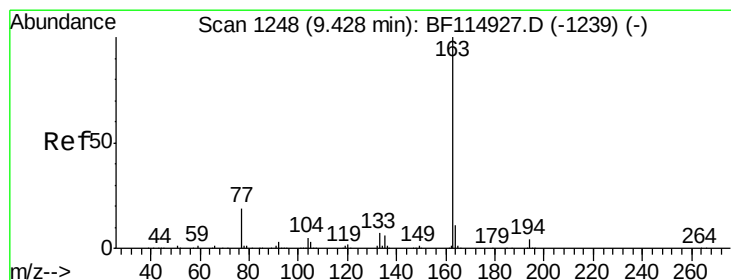
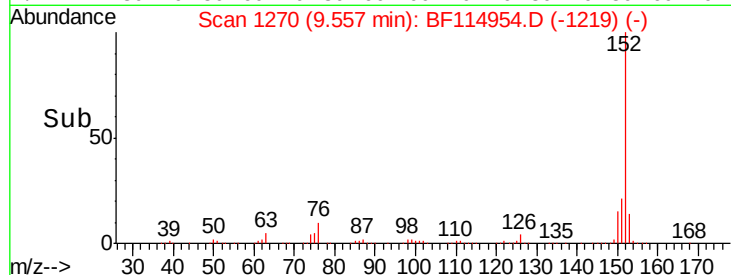
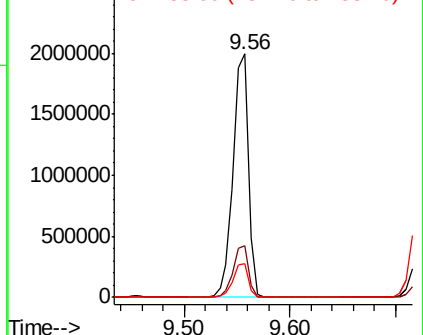


Abundance

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: 44.745 ng

RT: 9.42 min Scan# 1247

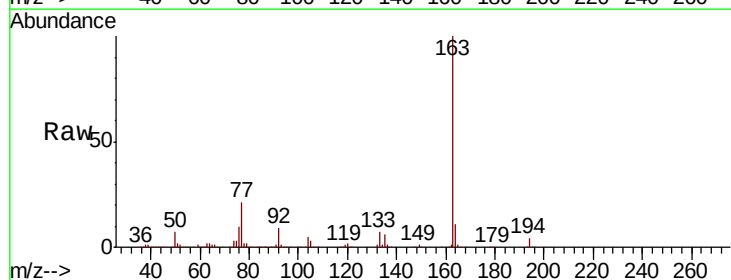
Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:163 Resp: 1557750

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	8.7	13.1

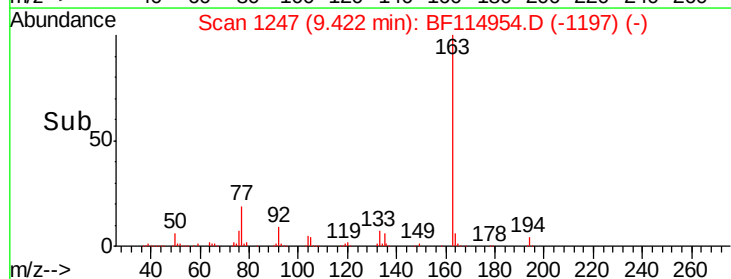
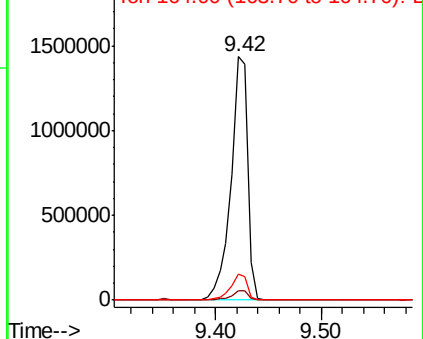


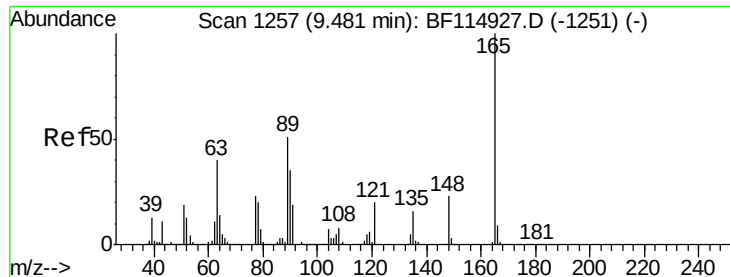
Abundance

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

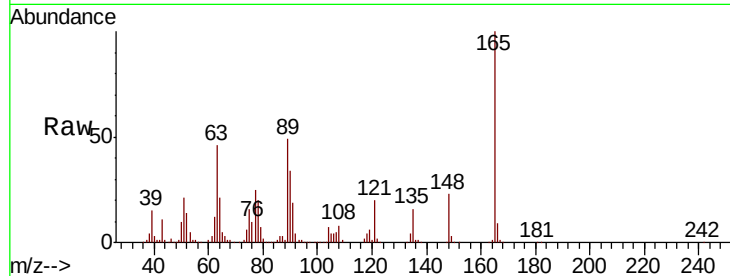




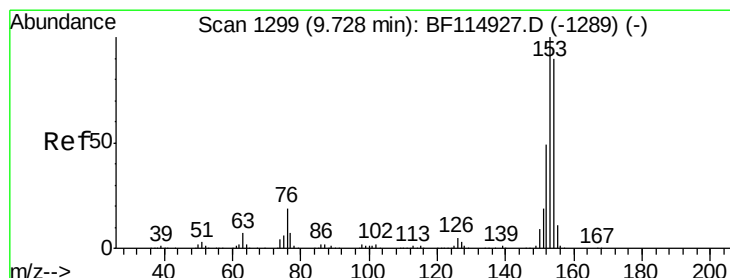
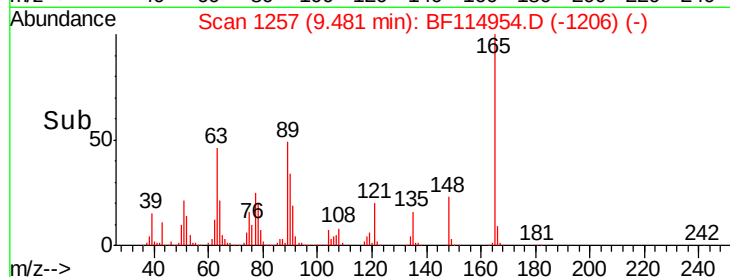
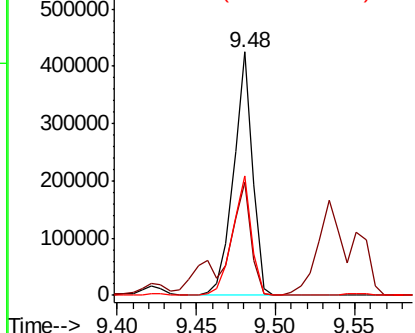
#51
 2,6-Dinitrotoluene
 Concen: 44.360 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.3	57.5
89	49.3	40.8	61.2

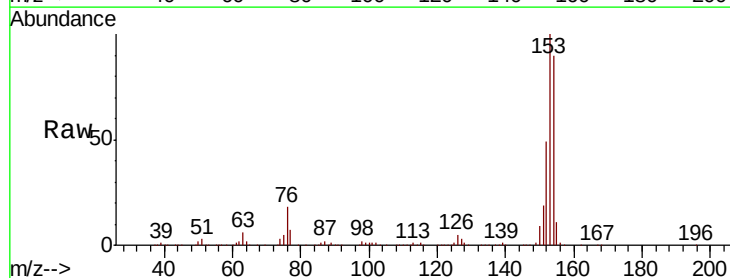


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

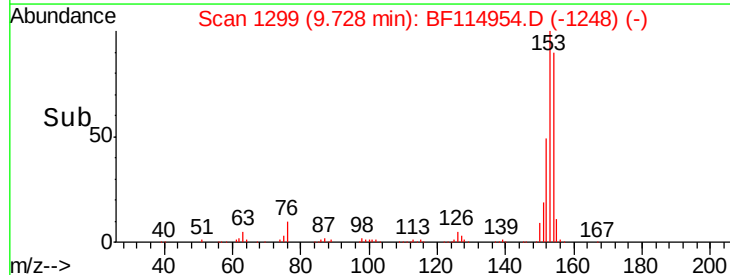
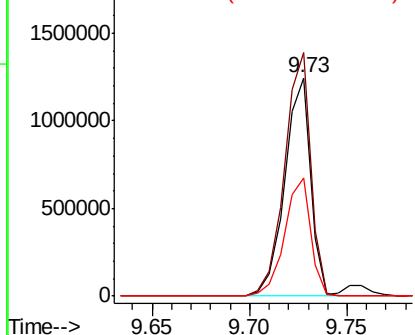


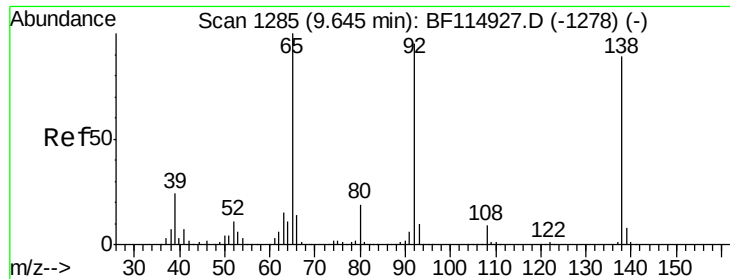
#52
 Acenaphthene
 Concen: 44.083 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.1	133.7
152	54.4	43.8	65.6



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: 12.100 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

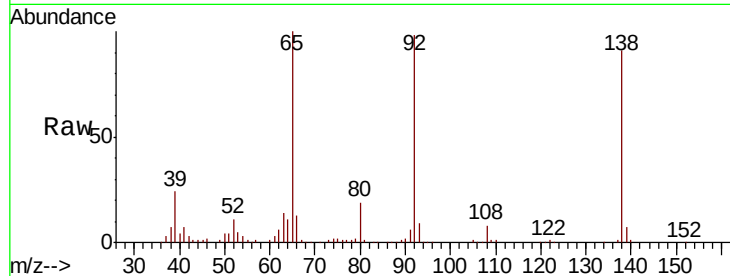
Tot Ion:138 Resp: 116181

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

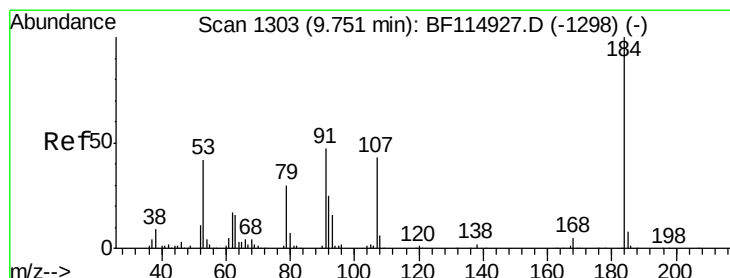
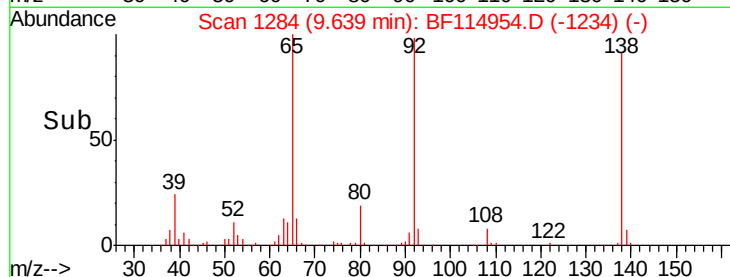
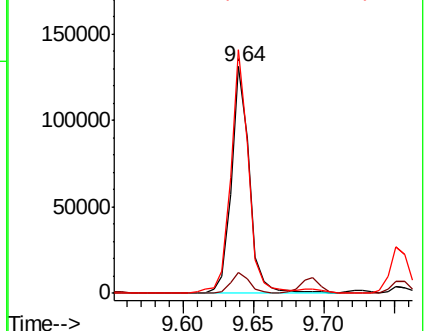
92 107.5 85.0 127.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 28.627 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

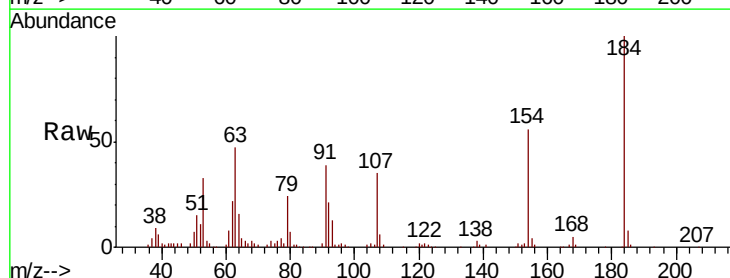
Tgt Ion:184 Resp: 113296

Ion Ratio Lower Upper

184 100

63 47.0 47.4 71.0#

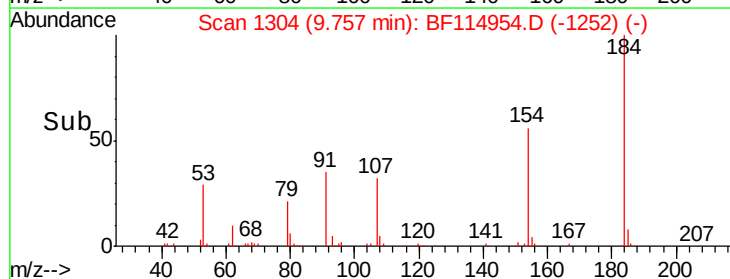
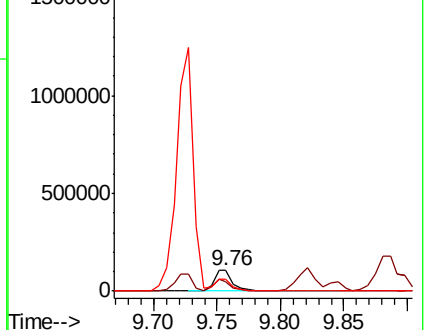
154 56.4 48.6 73.0

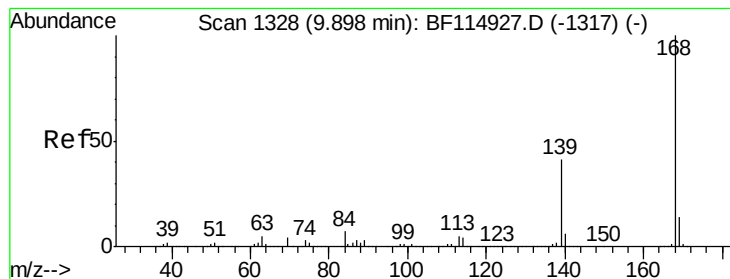


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.055 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

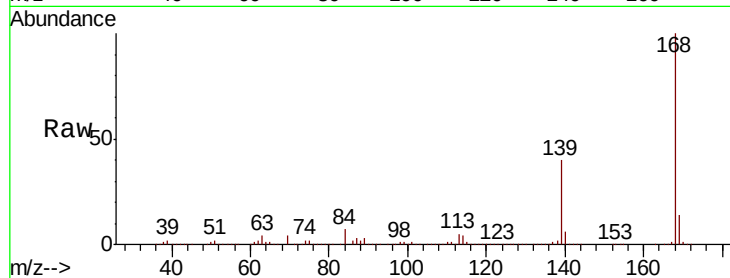
Tot Ion:168 Resp: 1716990

Ion Ratio Lower Upper

168 100

139 39.9 33.0 49.4

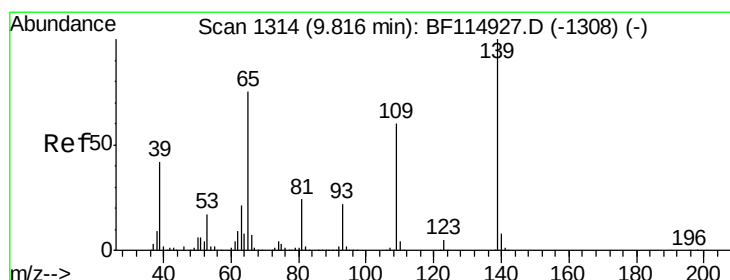
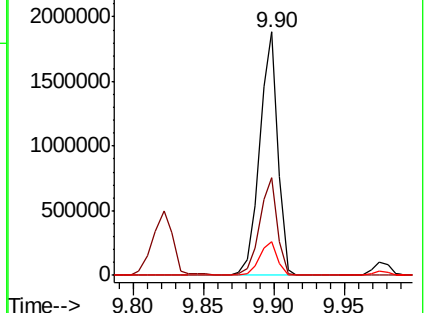
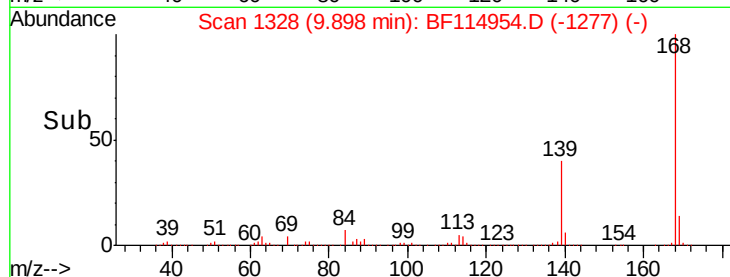
169 14.0 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.049 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

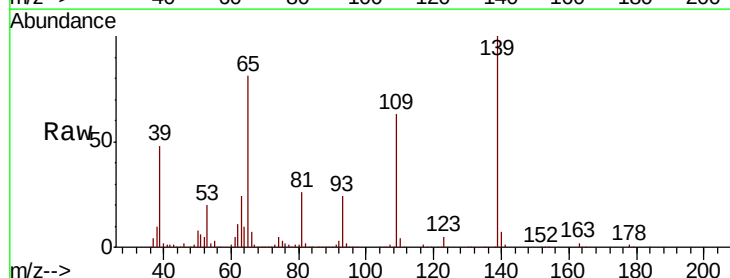
Tgt Ion:139 Resp: 506748

Ion Ratio Lower Upper

139 100

109 62.7 40.0 80.0

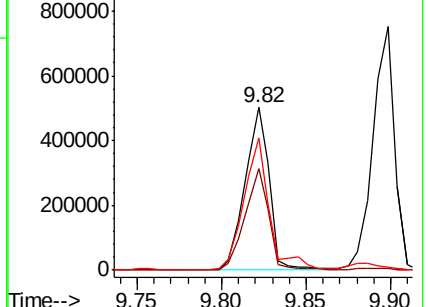
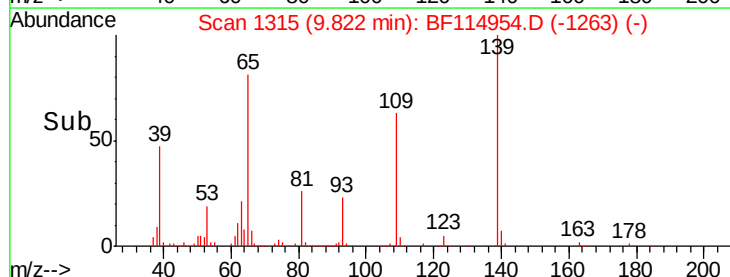
65 80.9 55.0 95.0

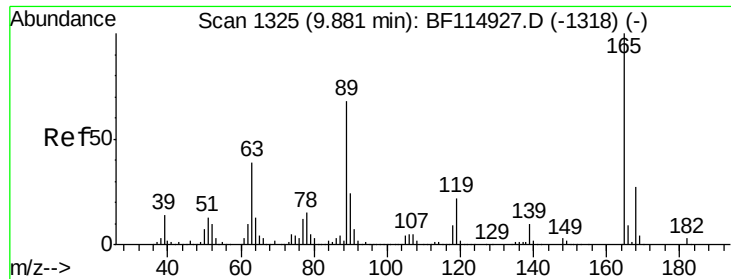


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

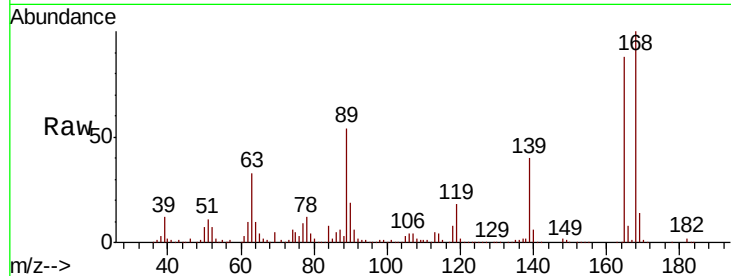




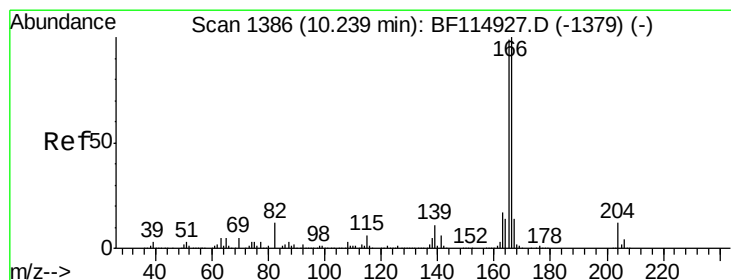
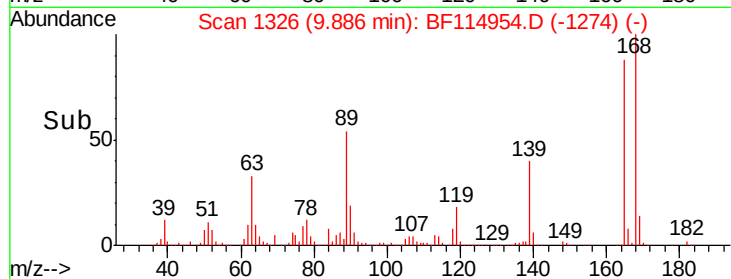
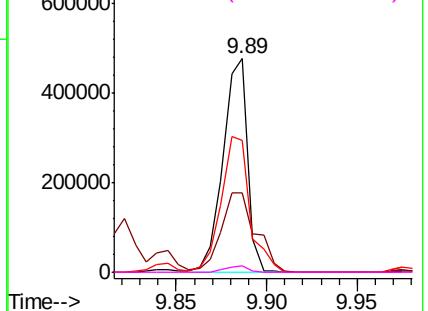
#57
 2,4-Dinitrotoluene
 Concen: 44.447 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	449252
Ion Ratio	Lower	Upper
165	100	
63	37.3	31.8 47.6
89	61.7	54.2 81.2
182	2.8	2.1 3.1

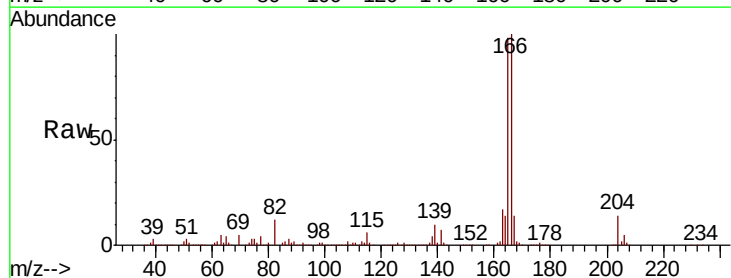


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

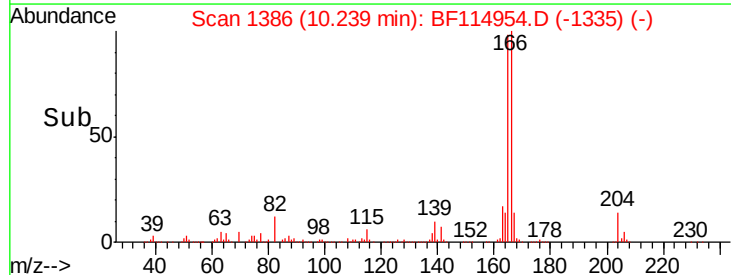
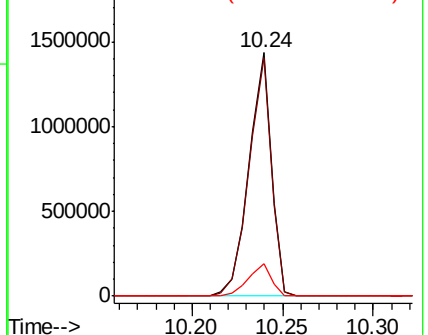


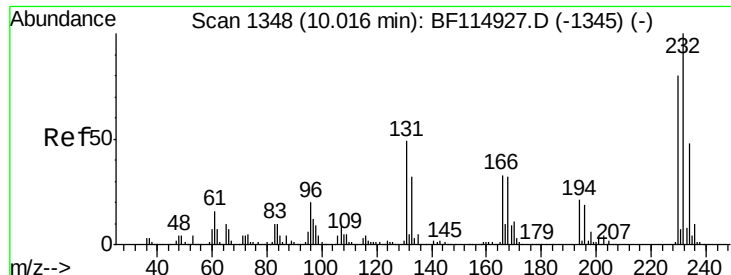
#58
 Fluorene
 Concen: 43.386 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:166	Resp:	1246852
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.2 118.8
167	13.6	11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

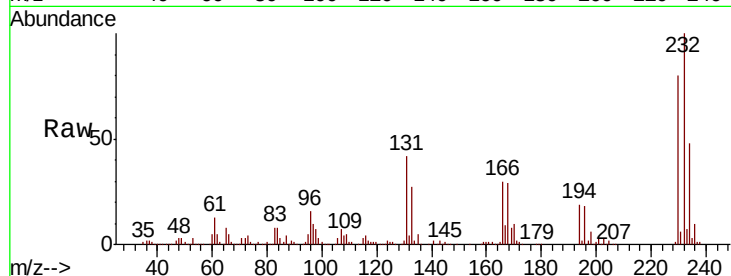




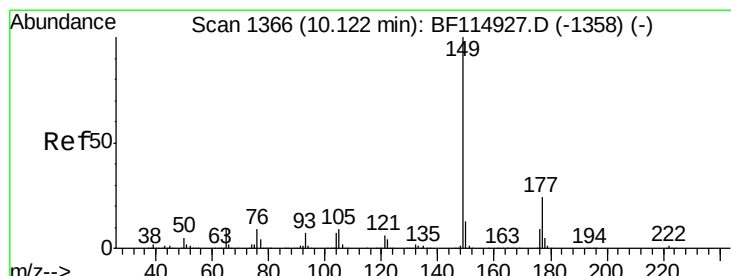
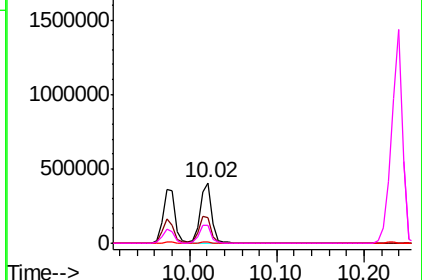
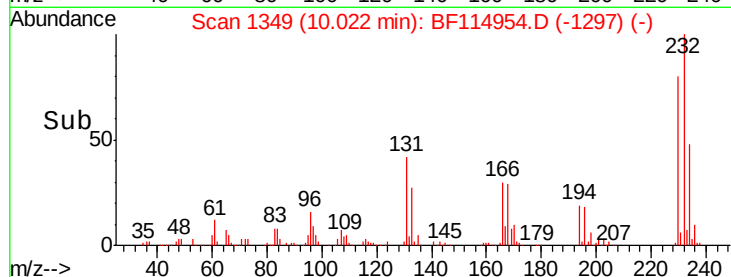
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.866 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 369771
 Ion Ratio Lower Upper
 232 100
 131 46.0 37.0 55.4
 130 2.1 1.8 2.6
 166 31.1 25.0 37.6

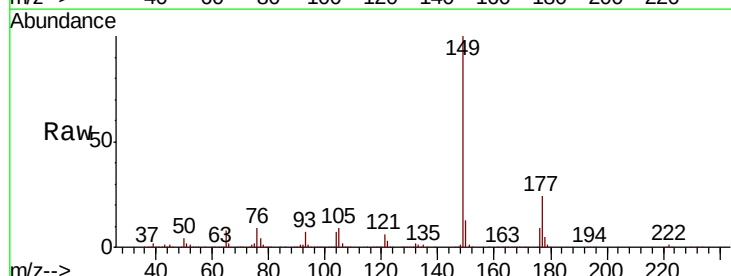


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

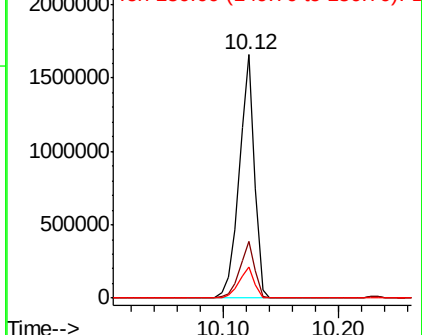
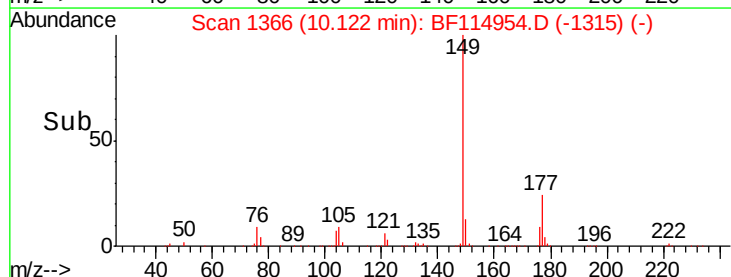


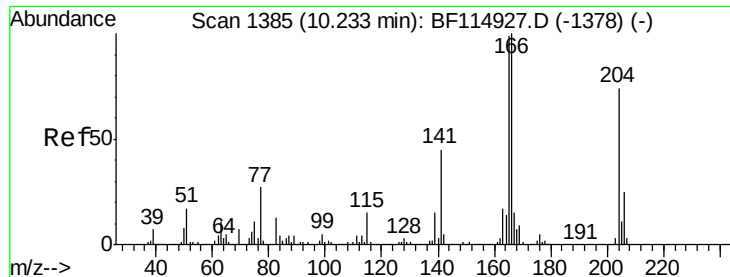
#60
 Diethylphthalate
 Concen: 44.835 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:149 Resp: 1517085
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.1 28.7
 150 13.0 10.6 16.0



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

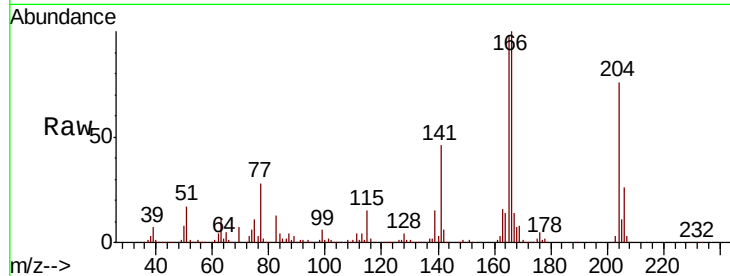




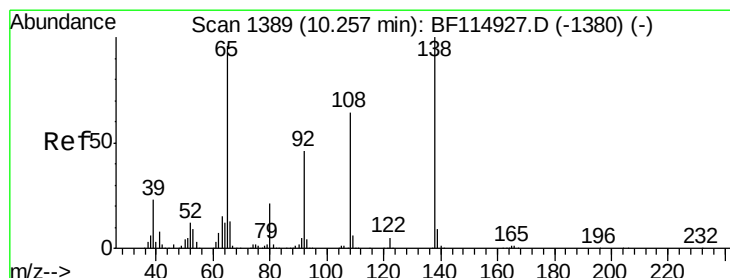
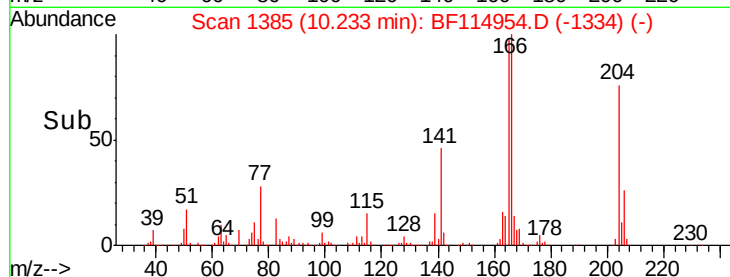
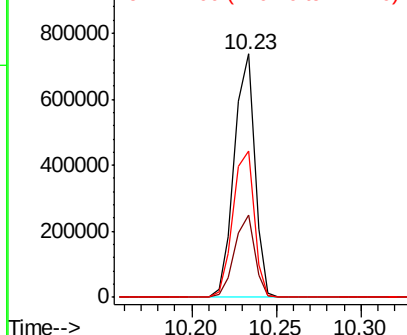
#61
 4-Chlorophenyl-phenylether
 Concen: 43.235 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.8	40.2
141	60.2	48.5	72.7

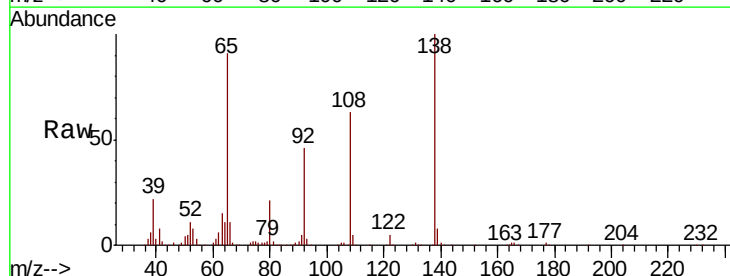


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

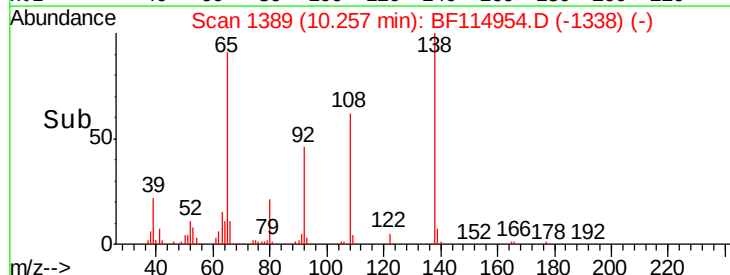
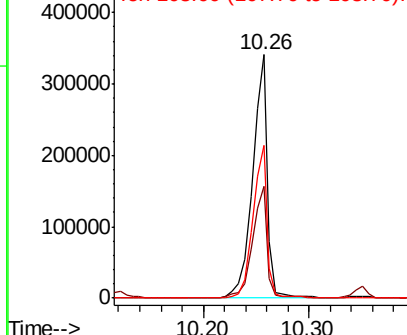


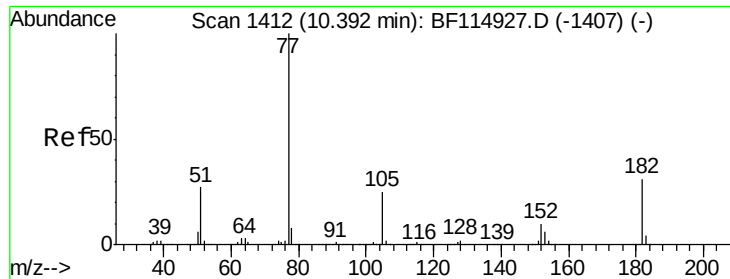
#62
 4-Nitroaniline
 Concen: 33.959 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	26.0	66.0
108	62.6	44.0	84.0



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

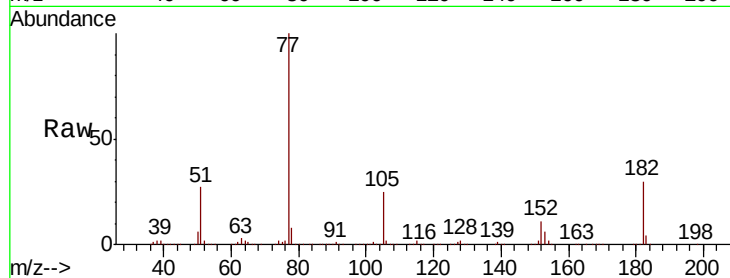




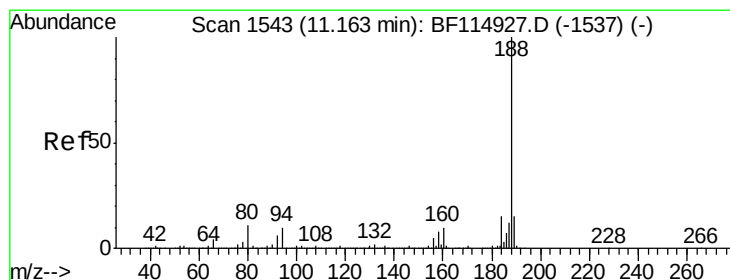
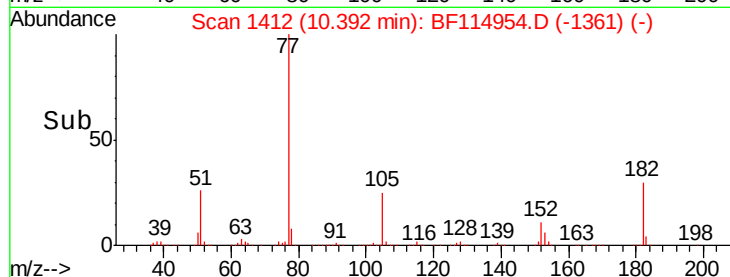
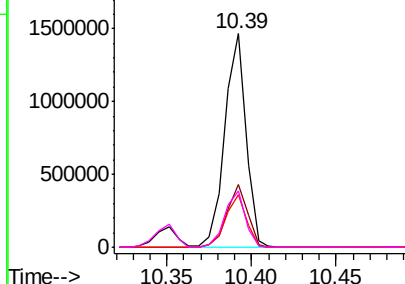
#63
Azobenzene
Concen: 43.414 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1278595
Ion Ratio Lower Upper
77 100
182 29.6 10.8 50.8
105 24.8 5.3 45.3
51 26.5 6.8 46.8

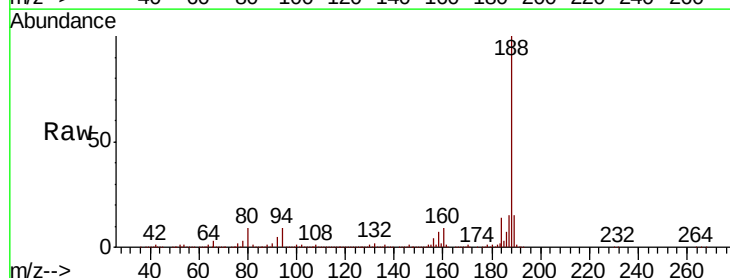


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

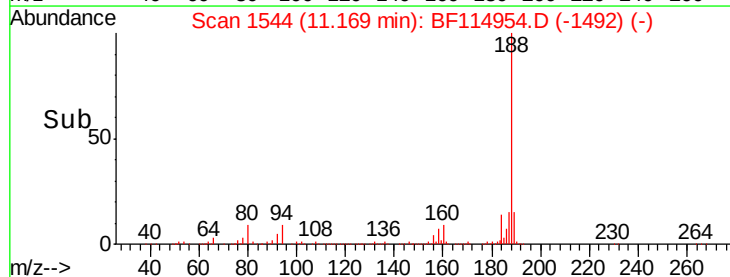
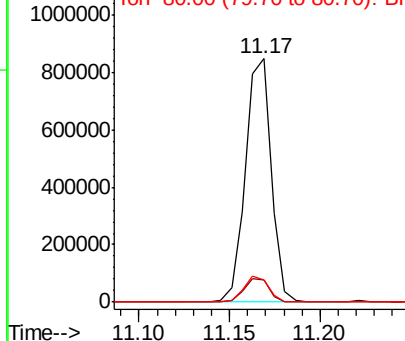


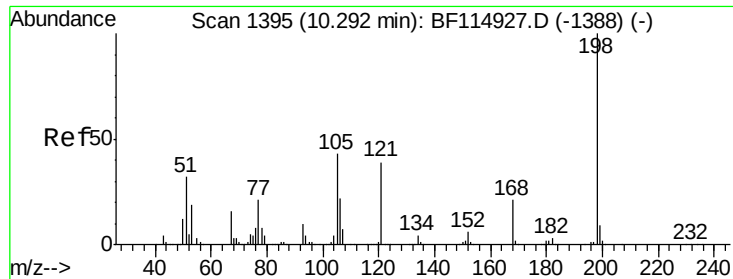
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion: 188 Resp: 836388
Ion Ratio Lower Upper
188 100
94 9.1 8.1 12.1
80 9.3 8.6 12.8



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

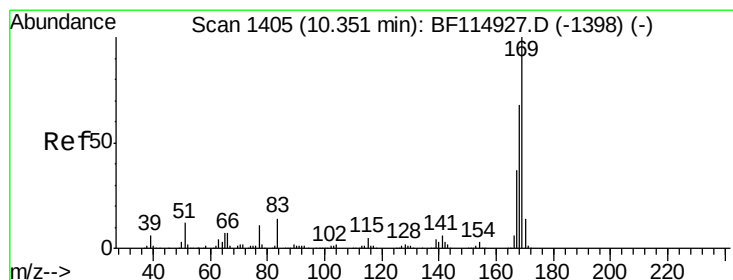
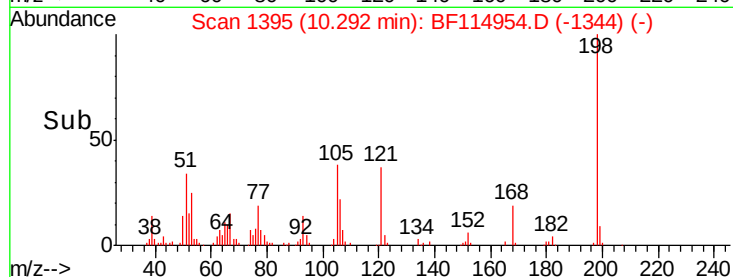
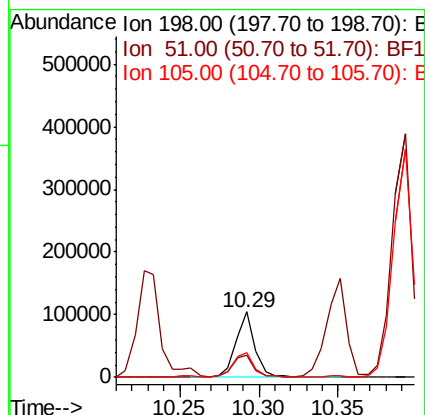
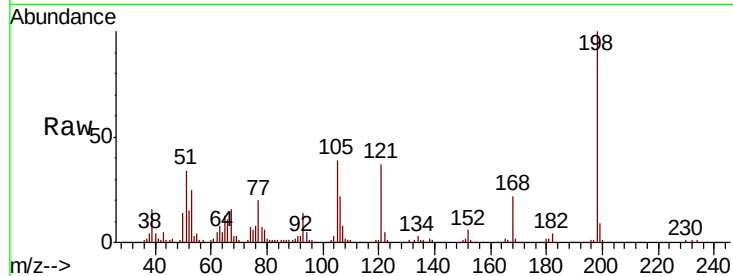




#65
4,6-Dinitro-2-methylphenol
Concen: 18.509 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

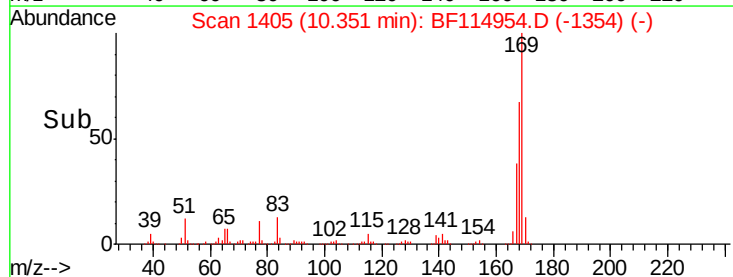
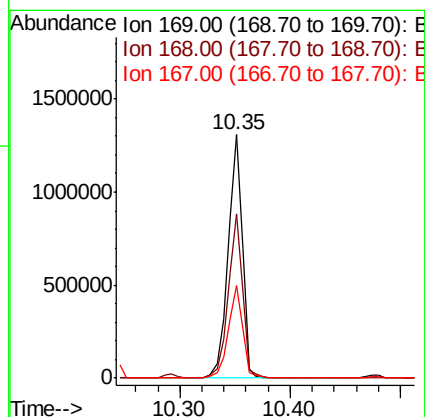
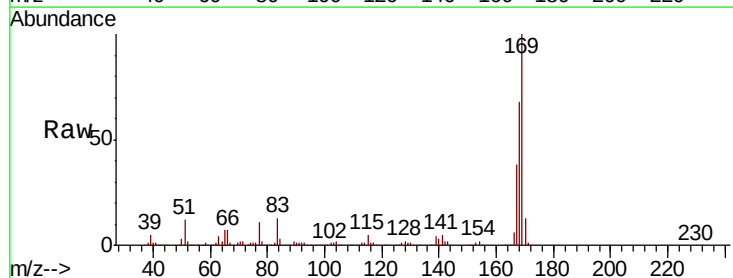
Instrument :
BNA_F
ClientSampleId :

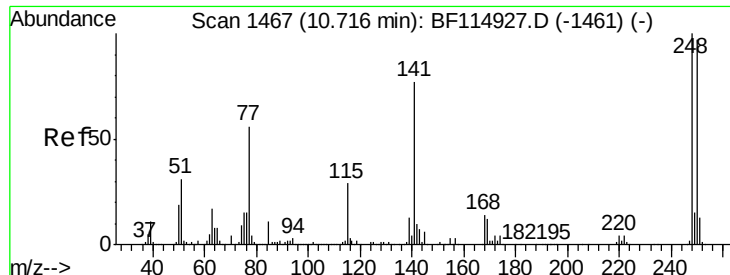
Tot Ion:198 Resp: 86817
Ion Ratio Lower Upper
198 100
51 34.3 16.8 56.8
105 38.7 23.5 63.5



#66
n-Nitrosodiphenylamine
Concen: 47.749 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:169 Resp: 1186503
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.8 29.4 44.2

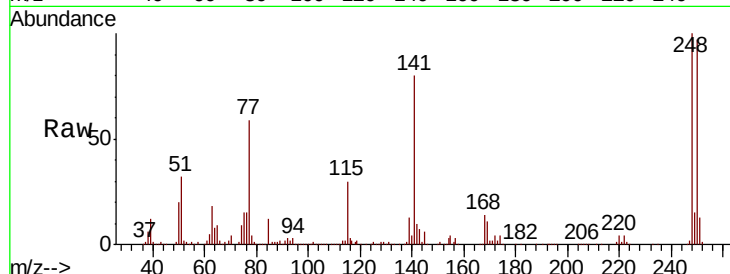




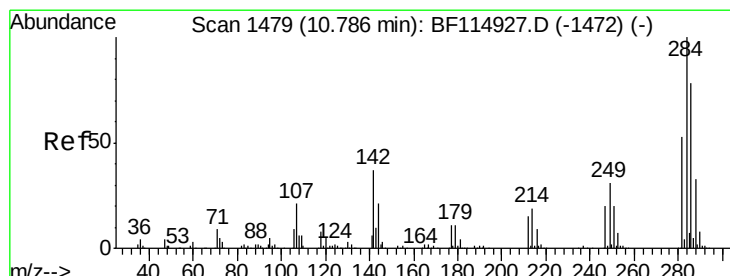
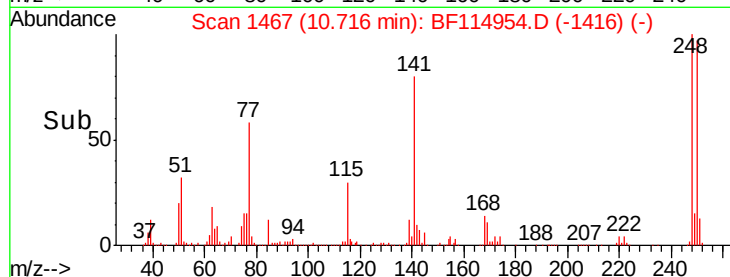
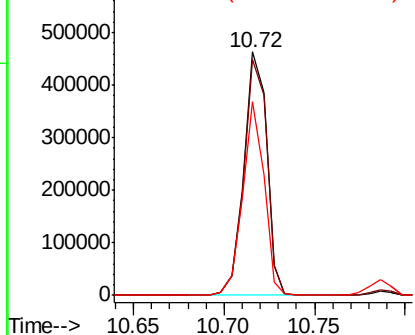
#67
 4-Bromophenyl-phenylether
 Concen: 45.016 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 407827
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.4 116.0
 141 79.6 61.8 92.6

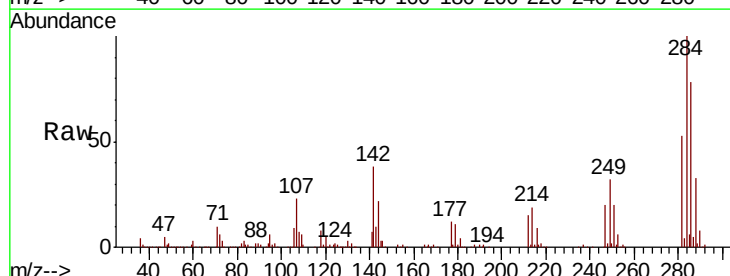


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

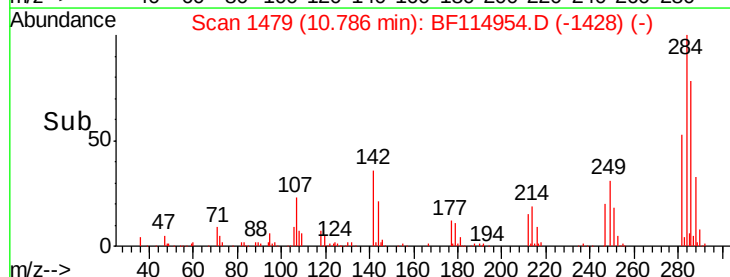
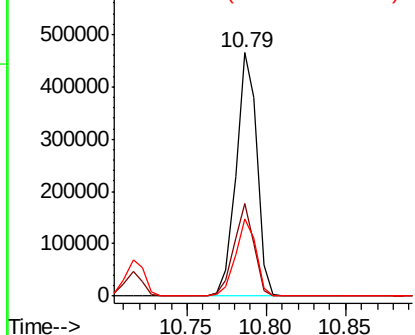


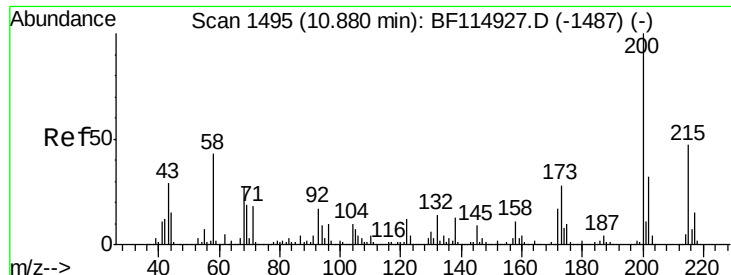
#68
 Hexachlorobenzene
 Concen: 42.265 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:284 Resp: 422839
 Ion Ratio Lower Upper
 284 100
 142 37.9 29.3 43.9
 249 31.8 25.1 37.7



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





#69

Atrazine

Concen: 38.615 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

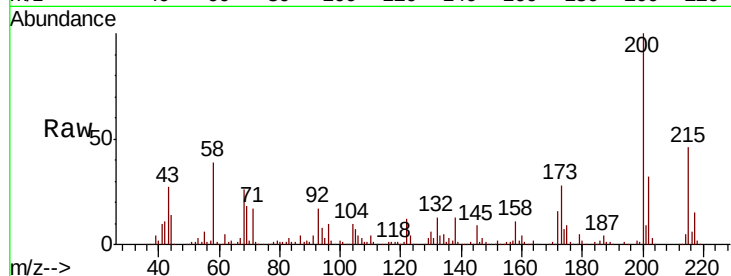
Tot Ion:200 Resp: 323316

Ion Ratio Lower Upper

200 100

173 27.8 8.3 48.3

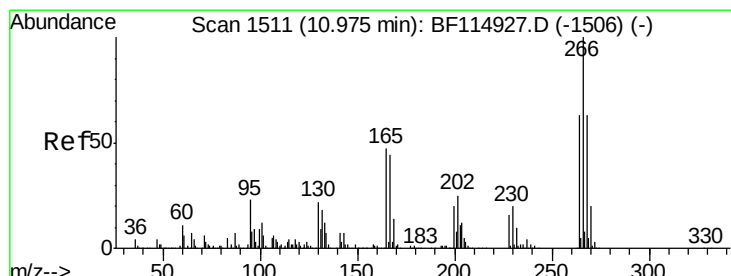
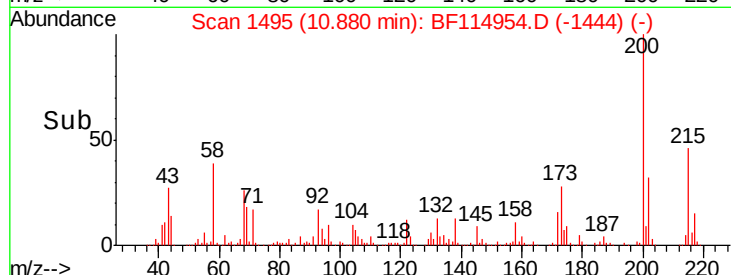
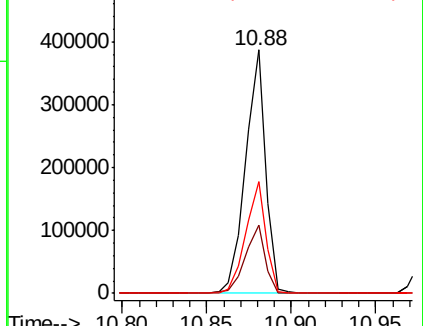
215 46.1 26.6 66.6



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: 68.929 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

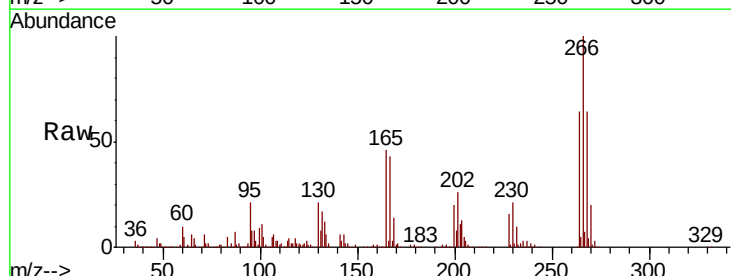
Tgt Ion:266 Resp: 386698

Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

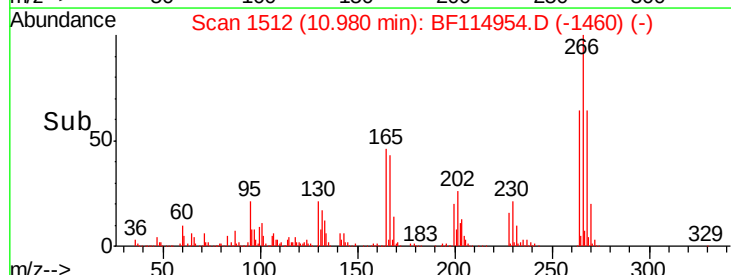
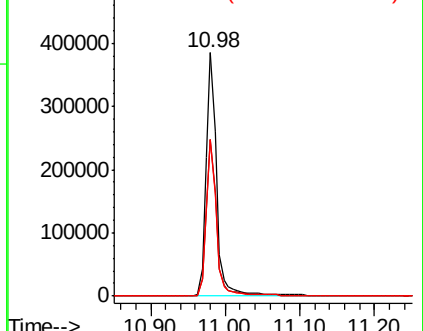
264 64.1 50.4 75.6

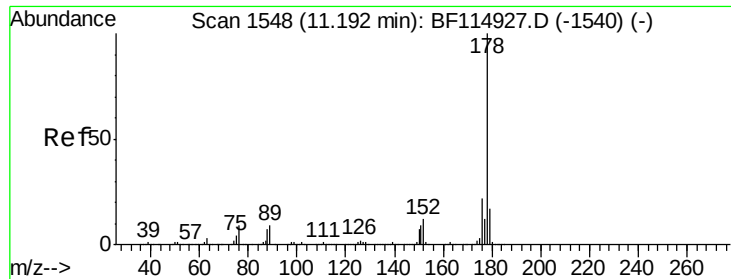


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.382 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

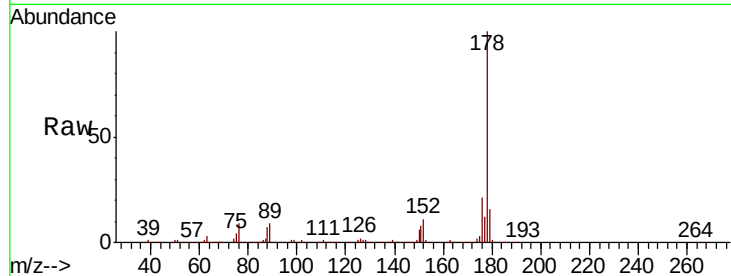
Tot Ion:178 Resp: 1841554

Ion Ratio Lower Upper

178 100

176 20.9 17.4 26.2

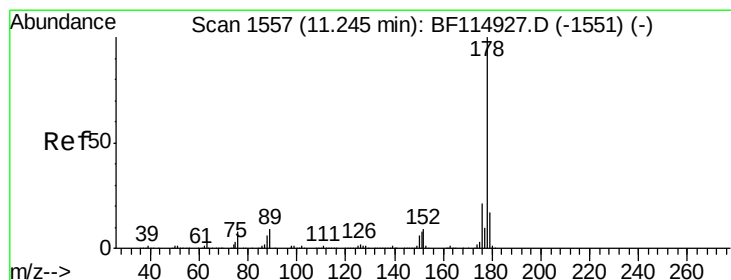
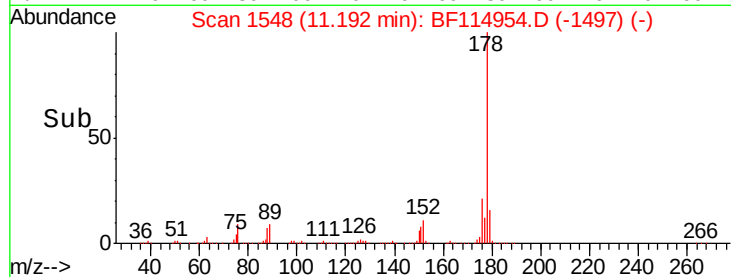
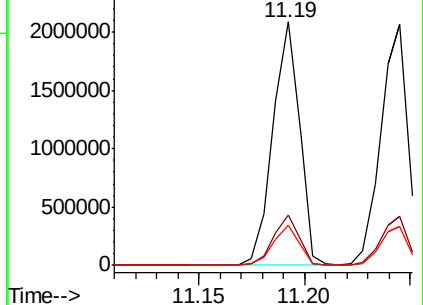
179 16.4 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.509 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

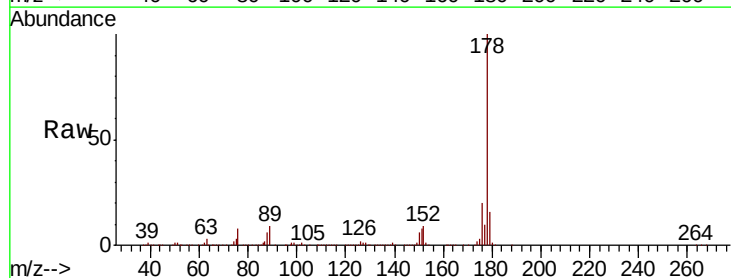
Tgt Ion:178 Resp: 1874419

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

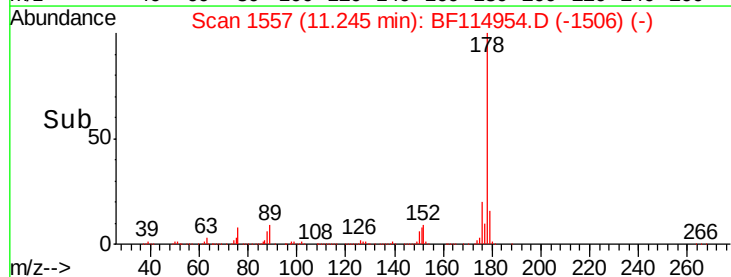
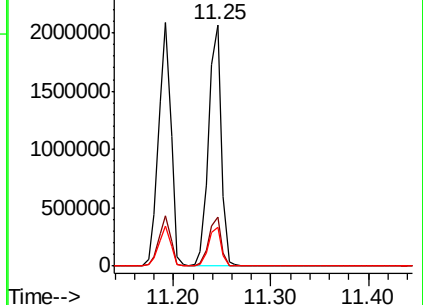
179 16.2 13.4 20.2

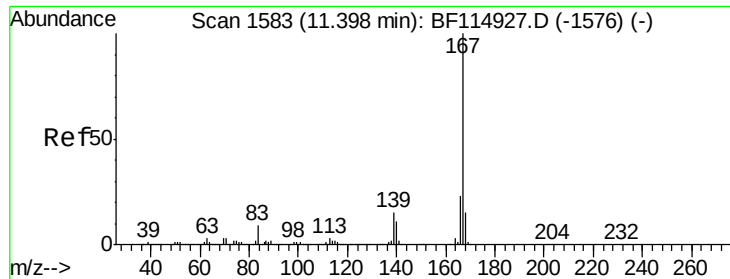


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

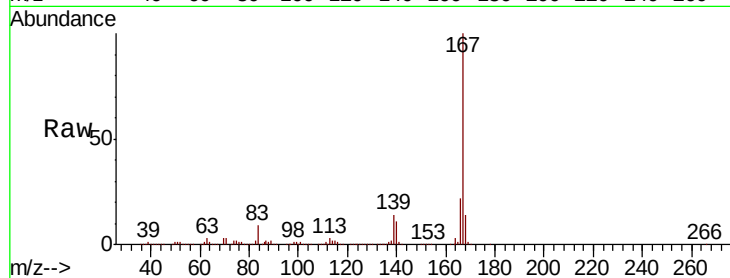




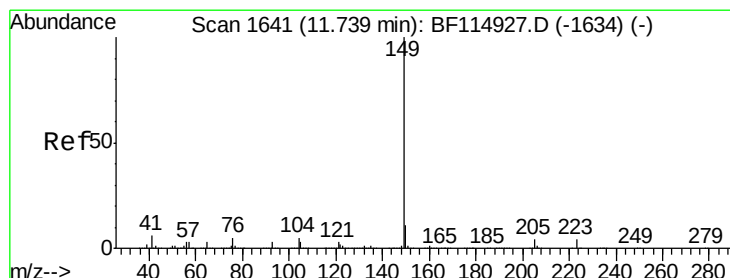
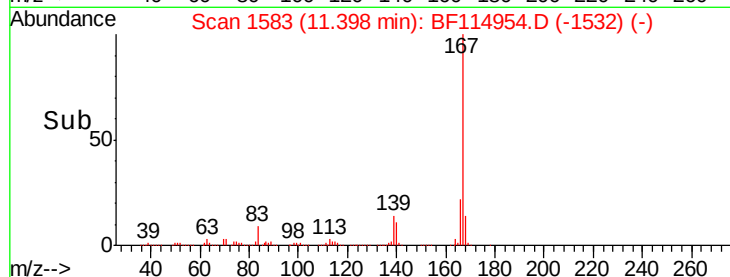
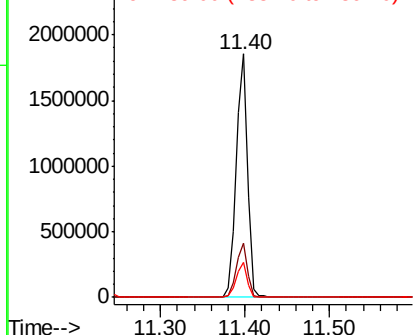
#73
 Carbazole
 Concen: 44.778 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1679132
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.8 28.2
 139 14.3 11.6 17.4

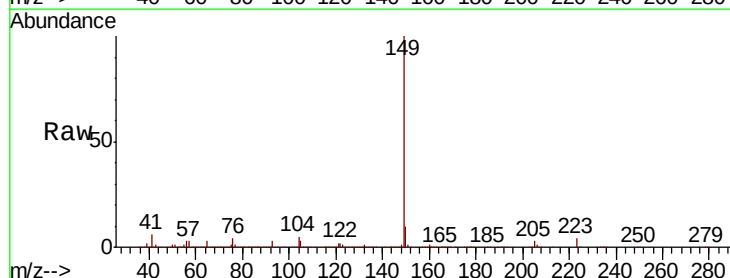


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

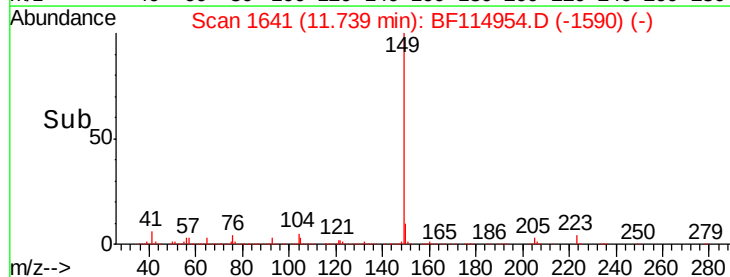
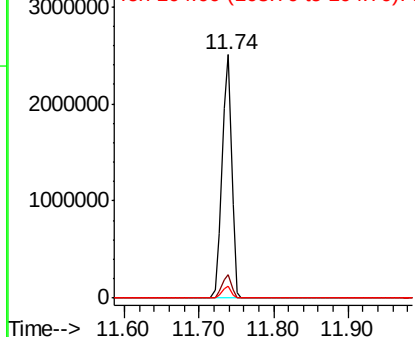


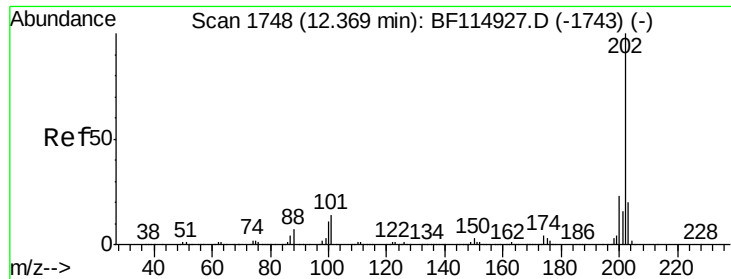
#74
 Di-n-butylphthalate
 Concen: 47.679 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:149 Resp: 2209616
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.5 12.7
 104 4.7 4.1 6.1



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: 41.114 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

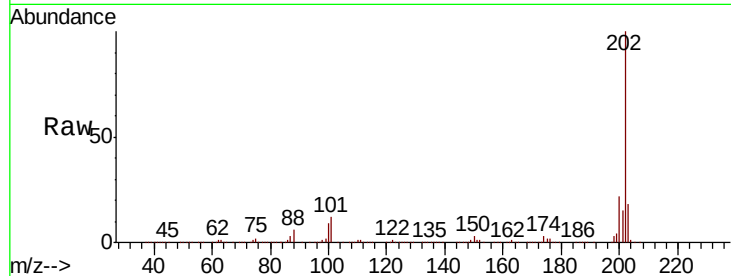
Tot Ion:202 Resp: 1725648

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.3

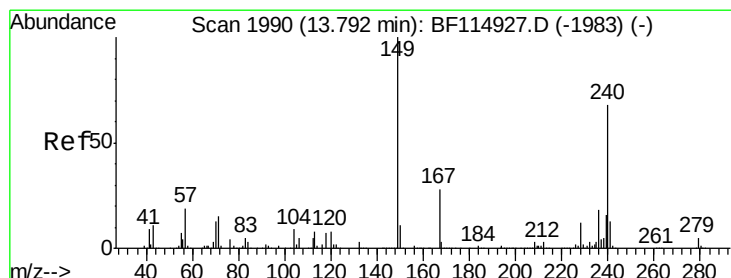
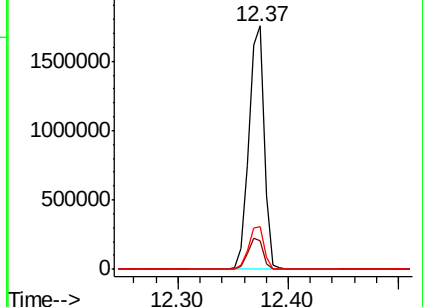
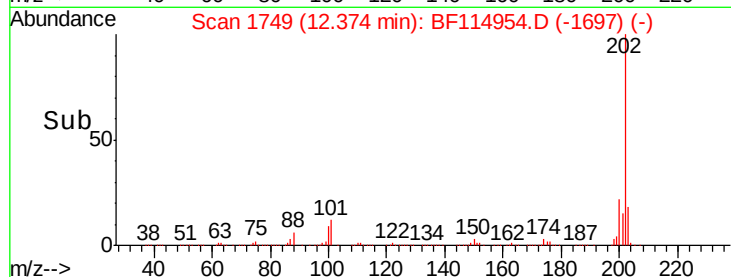
203 17.8 0.0 39.6



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: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

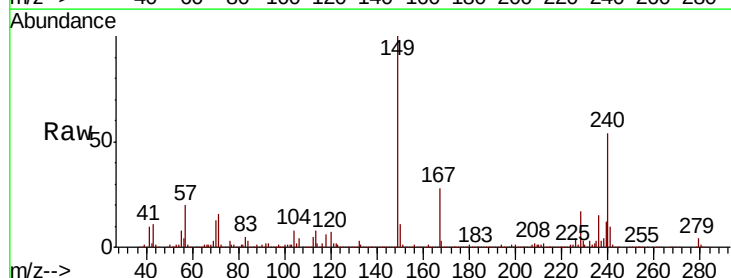
Tgt Ion:240 Resp: 481579

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

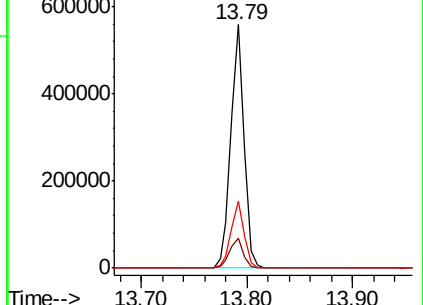
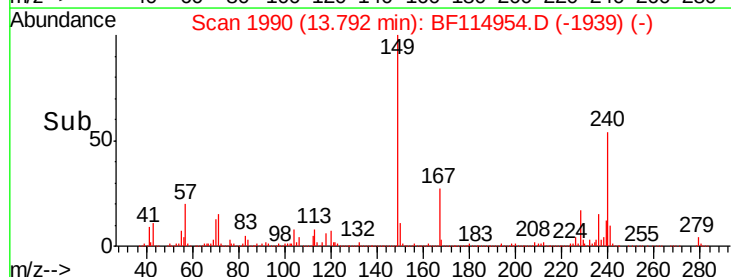
236 27.4 21.7 32.5

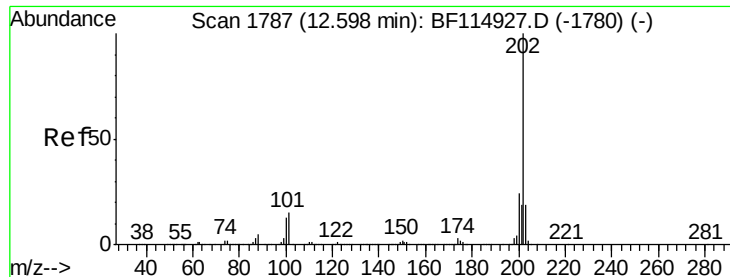


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

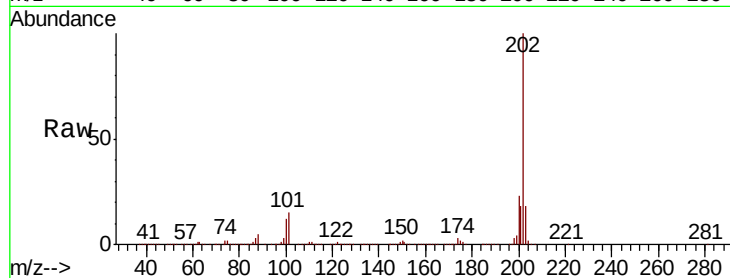




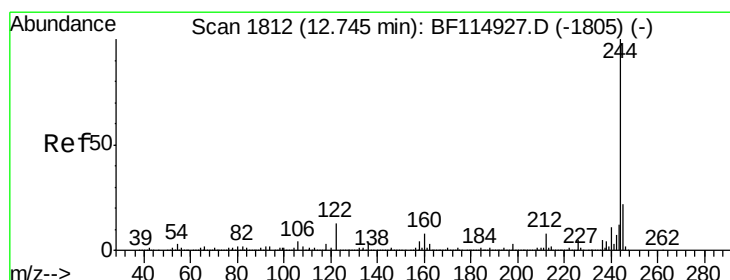
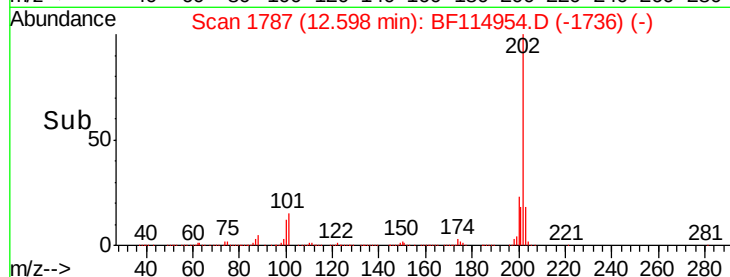
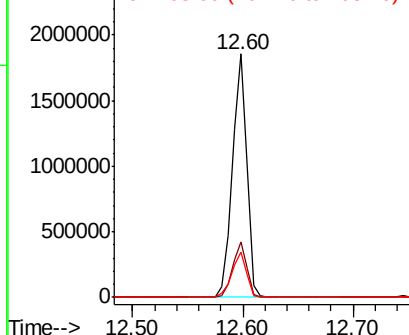
#78
Pvrene
Concen: 40.444 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1696260
Ion Ratio Lower Upper
202 100
200 22.6 18.9 28.3
203 18.3 15.2 22.8

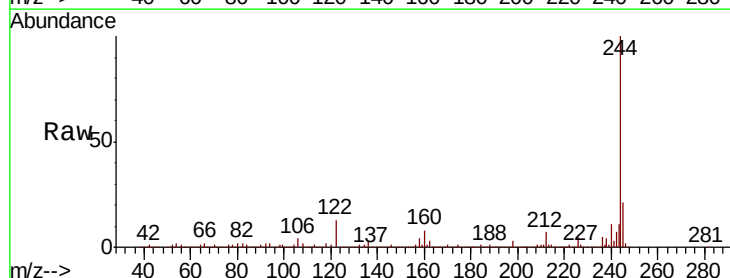


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

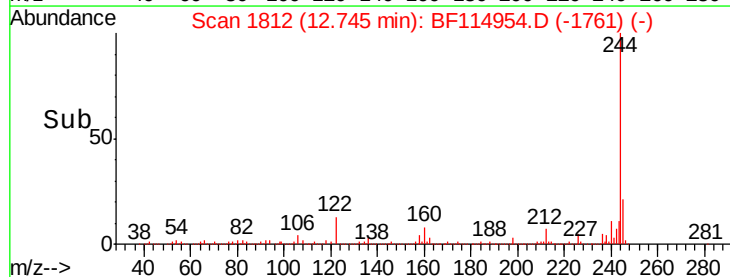
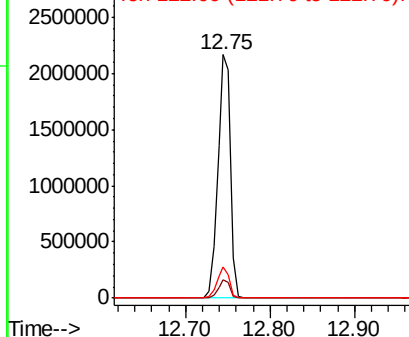


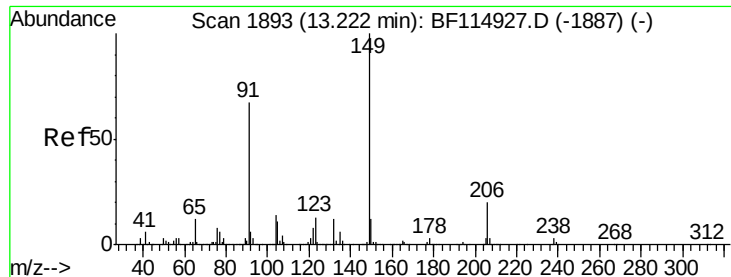
#79
Terphenyl-d14
Concen: 94.595 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:244 Resp: 2290687
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 12.9 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

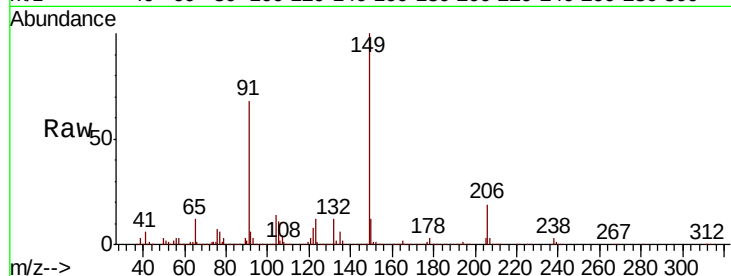




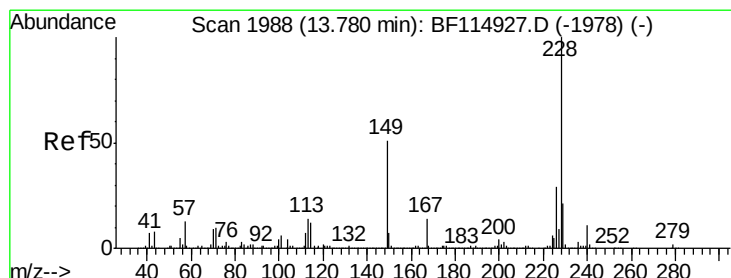
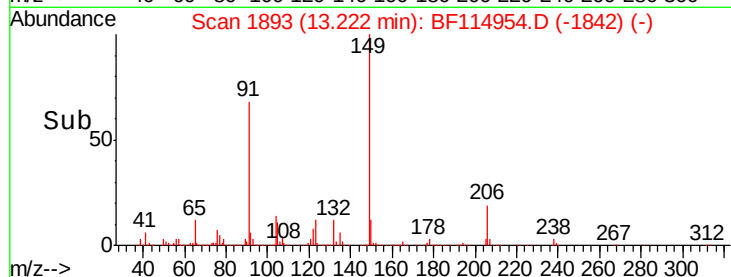
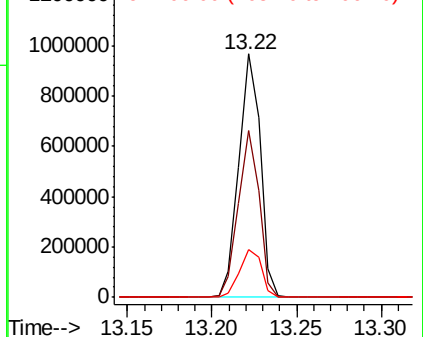
#80
Butylbenzylphthalate
Concen: 41.475 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 856990
Ion Ratio Lower Upper
149 100
91 68.4 53.8 80.8
206 19.4 16.3 24.5

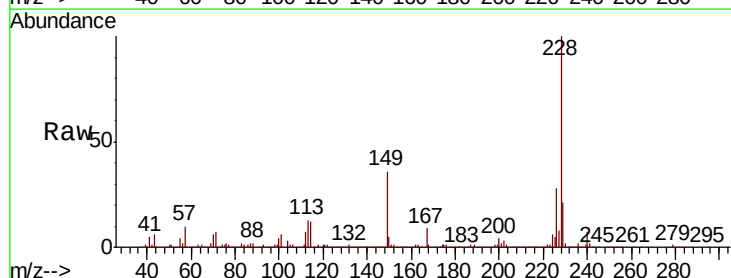


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

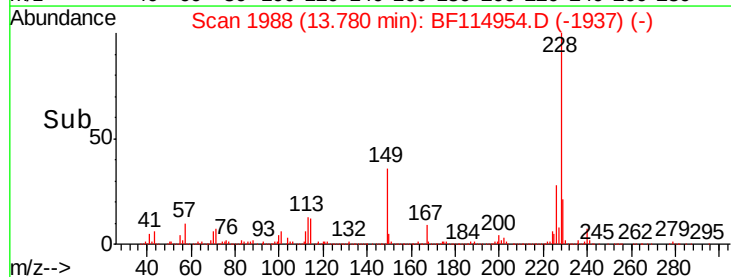
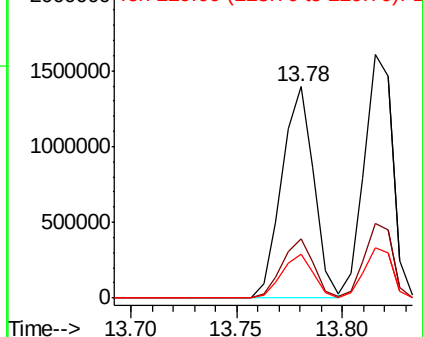


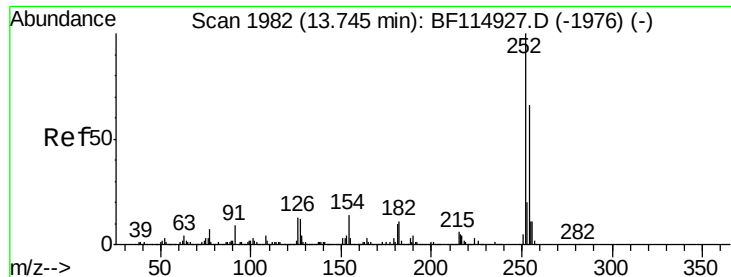
#81
Benzo(a)anthracene
Concen: 41.489 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:228 Resp: 1477368
Ion Ratio Lower Upper
228 100
226 27.8 22.8 34.2
229 20.6 16.6 25.0



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

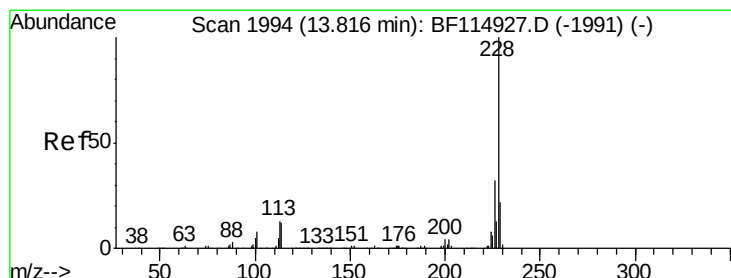
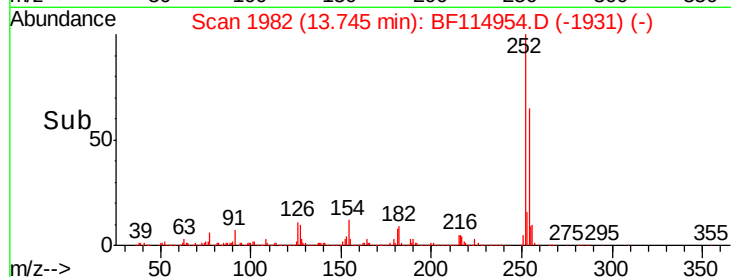
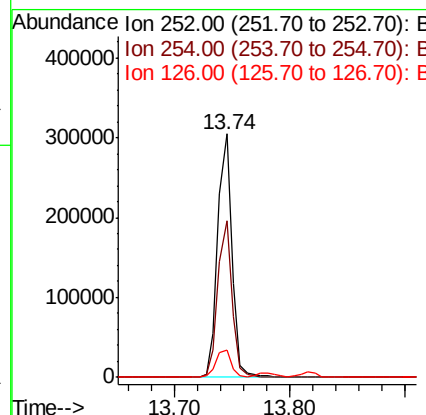
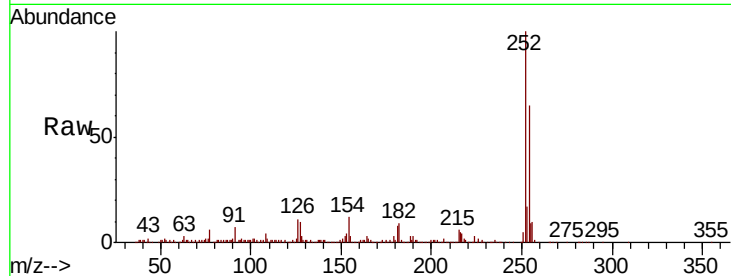




#82
 3,3'-Dichlorobenzidine
 Concen: 18.134 ng
 RT: 13.74 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

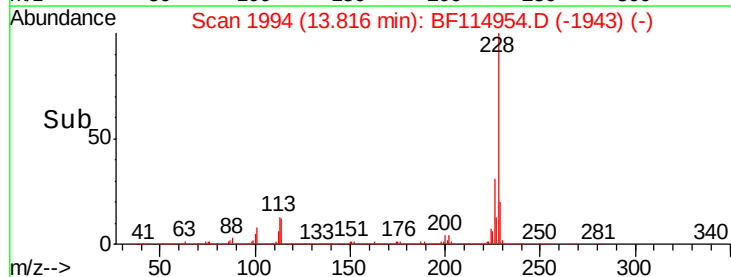
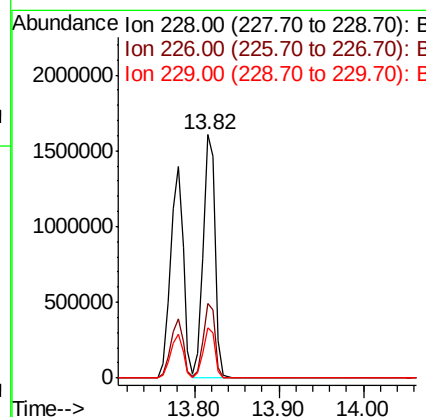
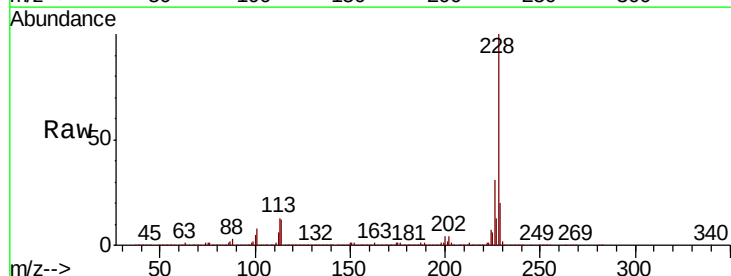
Instrument :
 BNA_F
 ClientSampleId :

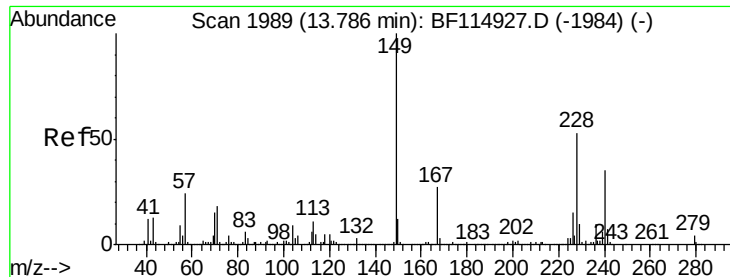
Tot Ion:252 Resp: 263580
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 11.2 10.4 15.6



#83
 Chrysene
 Concen: 42.742 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:228 Resp: 1528346
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.8 38.8
 229 20.5 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.657 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

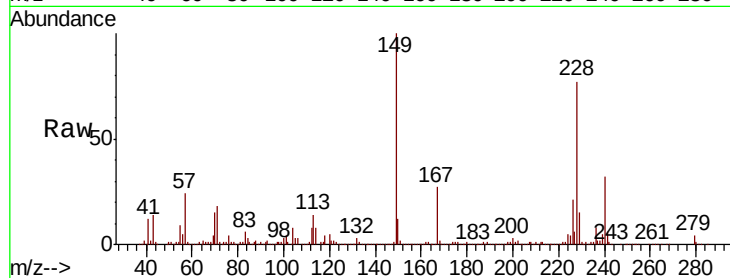
Tot Ion:149 Resp: 1080652

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

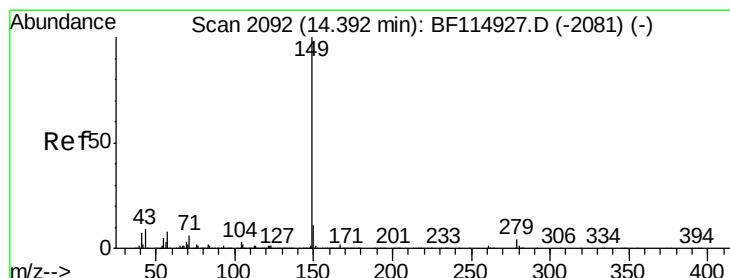
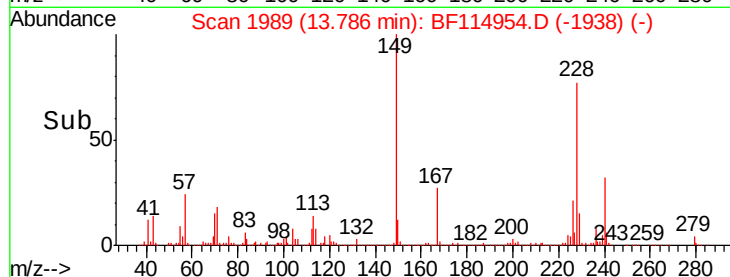
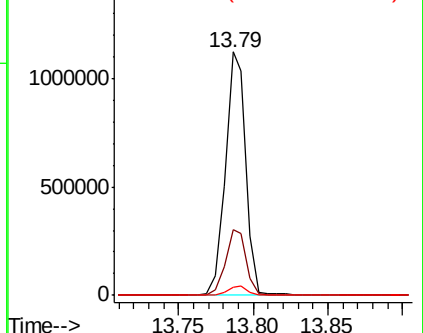
279 3.5 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.752 ng

RT: 14.39 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

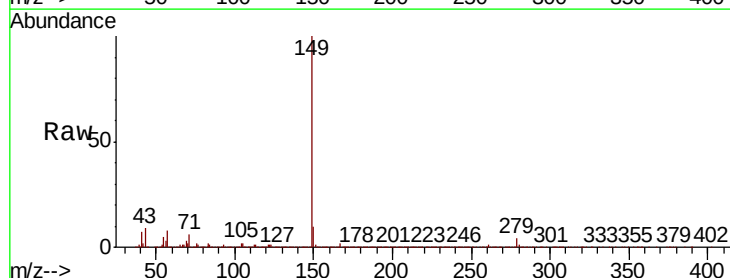
Tgt Ion:149 Resp: 1978305

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

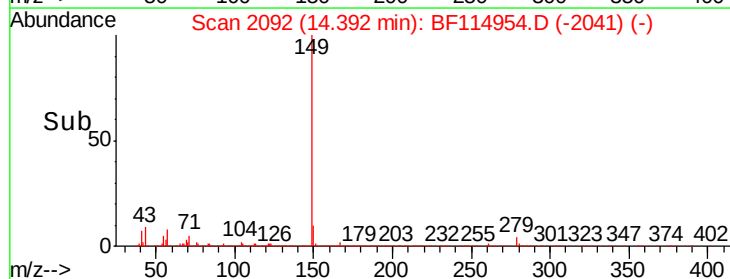
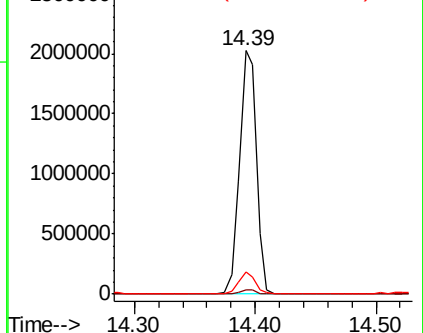
43 8.0 6.8 10.2

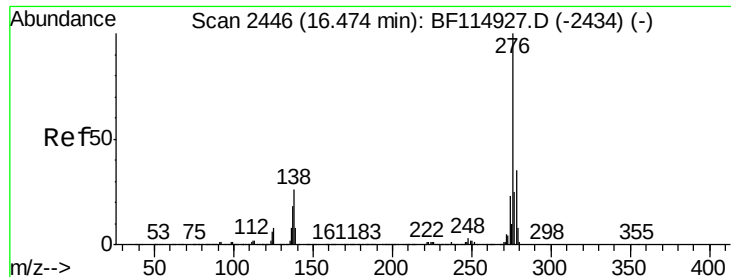


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

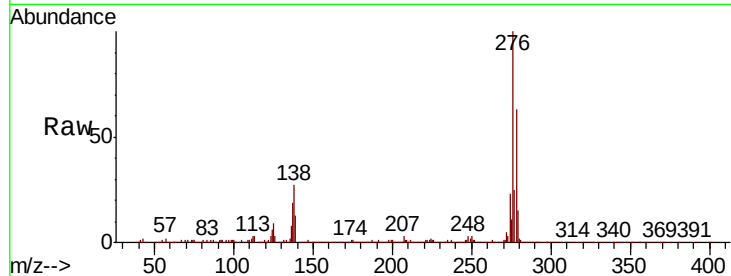




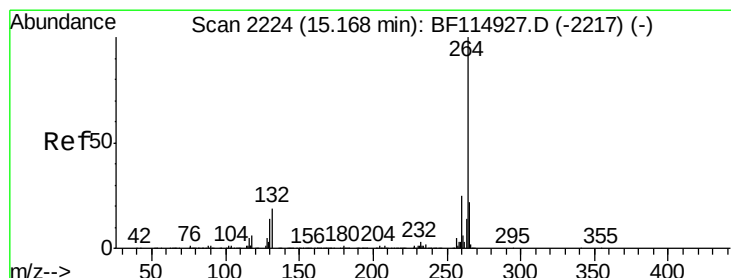
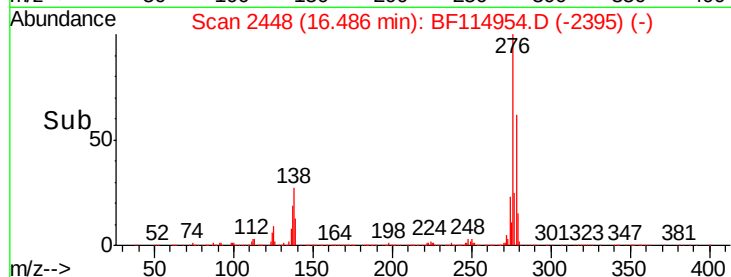
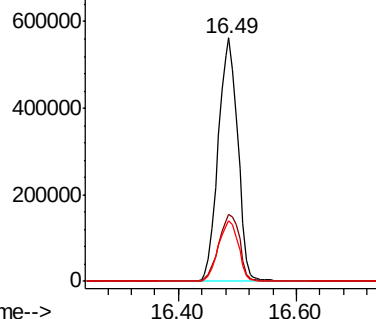
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 38.249 ng
 RT: 16.49 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1285793
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.3 34.9
 277 25.4 20.5 30.7

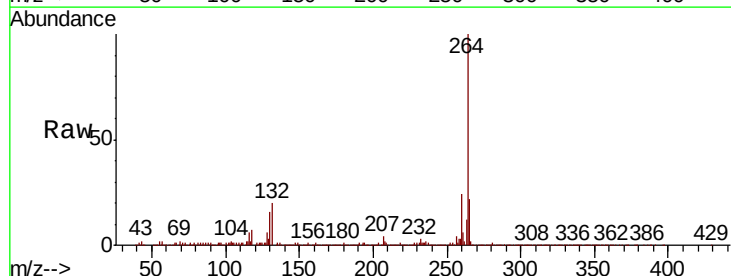


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

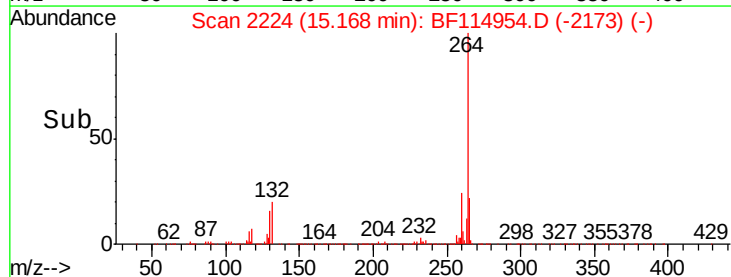
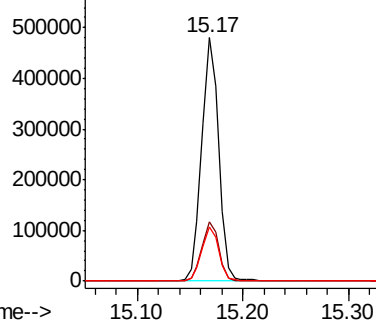


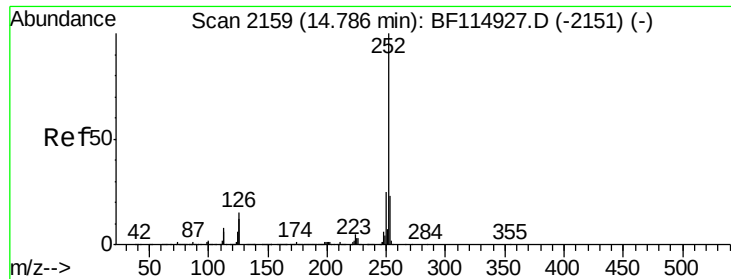
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:264 Resp: 529319
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 22.0 17.5 26.3



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

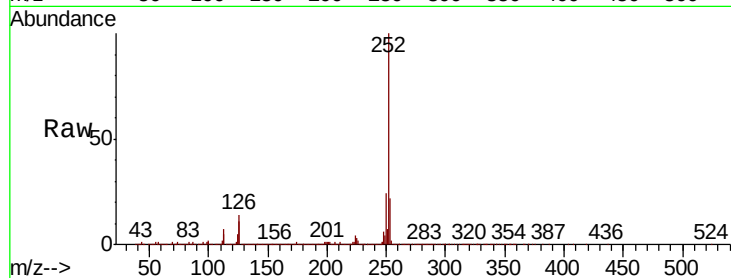




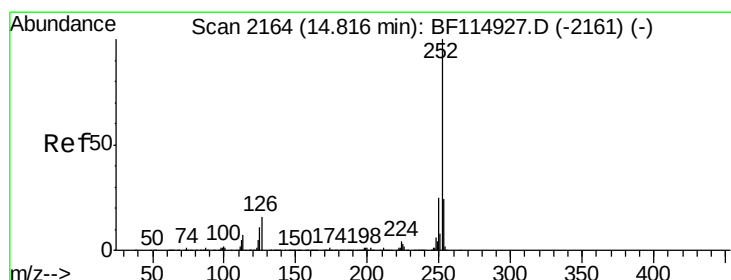
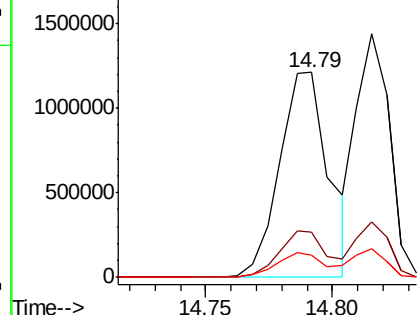
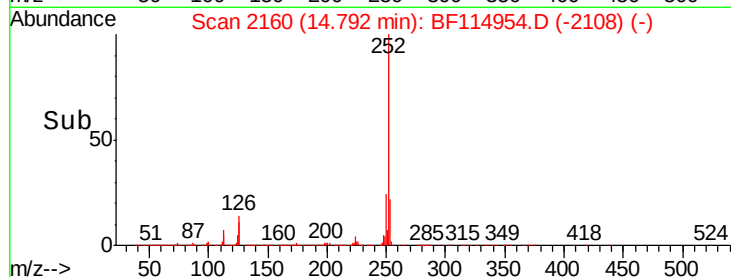
#88
Benzo(b)fluoranthene
Concen: 47.558 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1638858
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.8 9.5 14.3

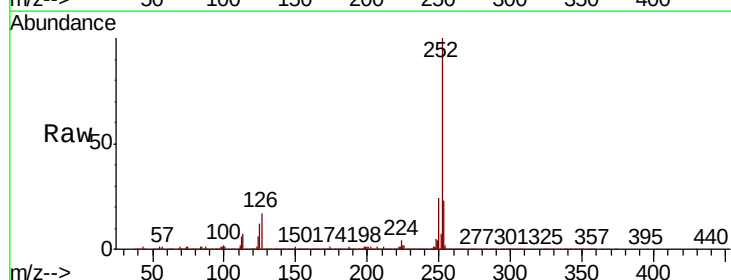


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

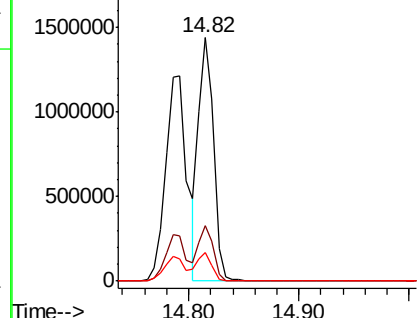
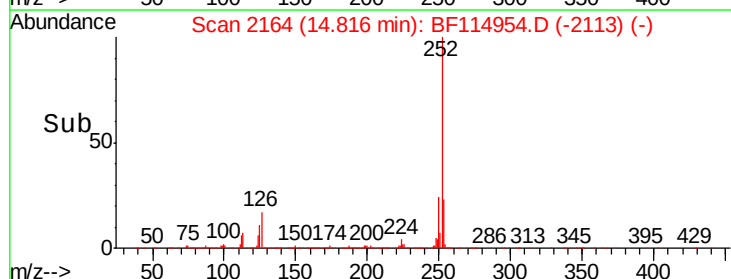


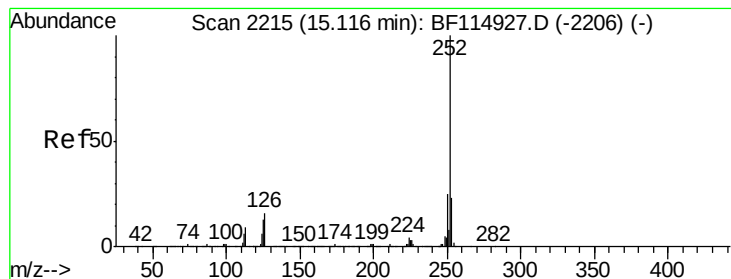
#89
Benzo(k)fluoranthene
Concen: 44.445 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:252 Resp: 1329181
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 11.6 9.2 13.8



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





#90

Benzo(a)pyrene

Concen: 45.943 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

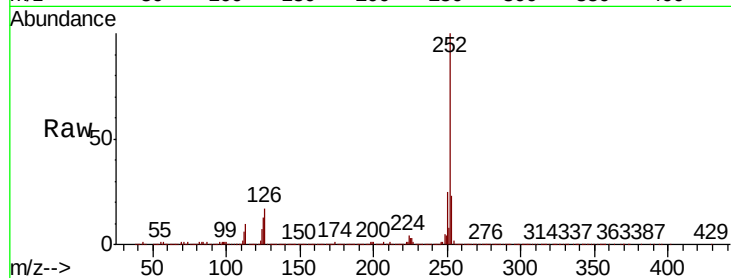
Tot Ion:252 Resp: 1375134

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 13.5 10.1 15.1

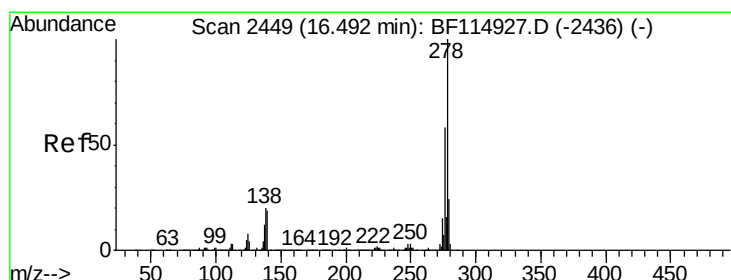
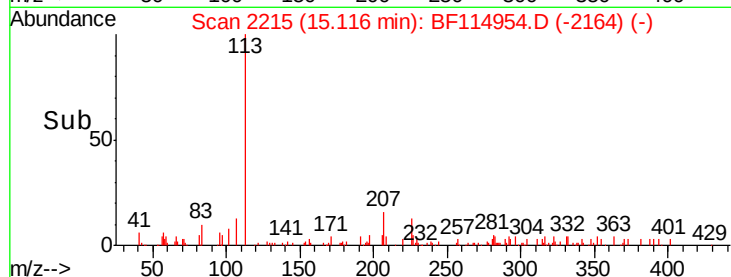
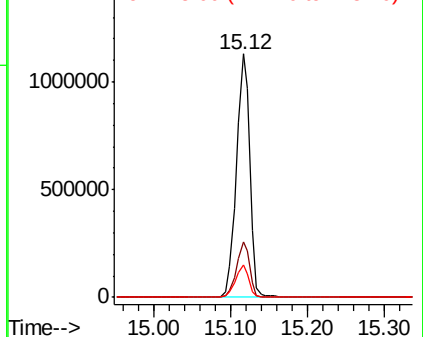


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 43.167 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

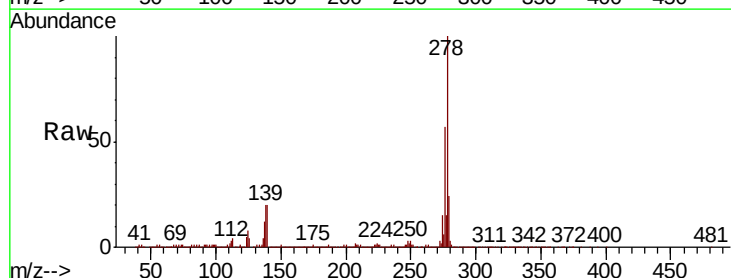
Tgt Ion:278 Resp: 1091385

Ion Ratio Lower Upper

278 100

139 19.5 15.1 22.7

279 23.6 19.6 29.4

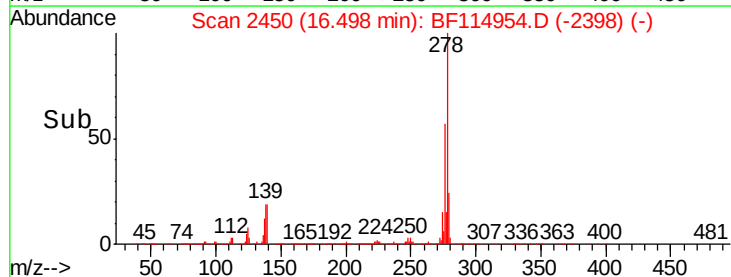
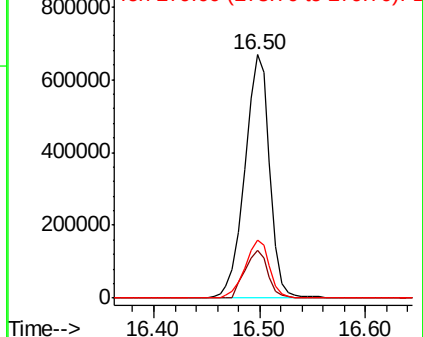


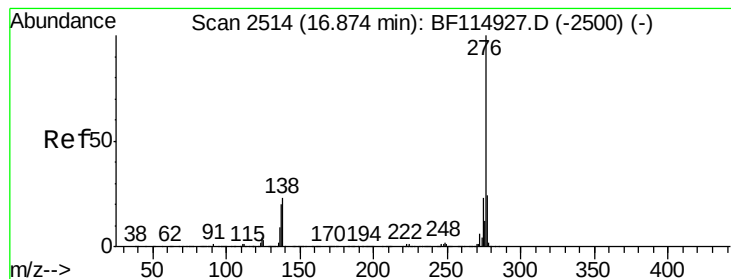
Abundance

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(a,h,i)perylene

Concen: 40.531 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

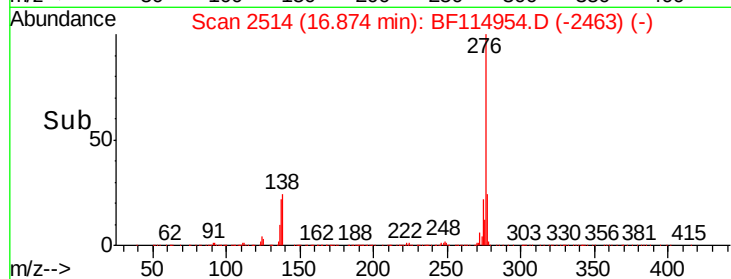
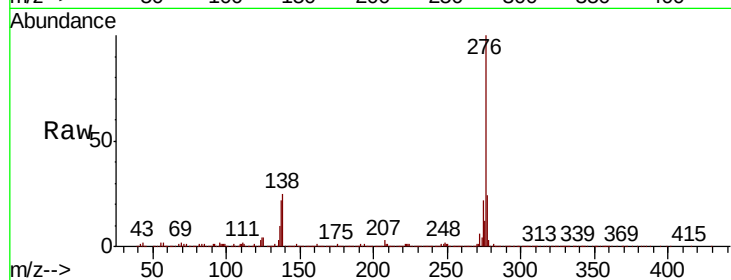
Tot Ion:276 Resp: 1021457

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 24.6 18.7 28.1



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

