

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115400.D
 Acq On : 8 Jul 2019 11:44
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 14:44:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226830	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	951456	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	475141	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	902527	20.00	ng	0.00
76) Chrysene-d12	14.07	240	643942	20.00	ng	0.00
87) Perylene-d12	15.59	264	617209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1108686	75.52	ng	0.00
7) Phenol-d6	6.53	99	1456702	78.02	ng	0.00
23) Nitrobenzene-d5	7.46	82	1340278	83.23	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	426906	81.26	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2178921	80.47	ng	0.00
79) Terphenyl-d14	13.00	244	2437454	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	267385	37.131	ng	100
3) Pyridine	3.46	79	749819	37.656	ng	100
4) n-Nitrosodimethylamine	3.42	42	304239	37.678	ng	100
6) Aniline	6.56	93	1031555	39.150	ng	100
8) 2-Chlorophenol	6.69	128	660402	39.837	ng	100
9) Benzaldehyde	6.45	77	443282	41.432	ng	100
10) Phenol	6.55	94	868444	38.874	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	655607	39.559	ng	100
12) 1,3-Dichlorobenzene	6.85	146	702248	38.666	ng	100
13) 1,4-Dichlorobenzene	6.92	146	706695	38.846	ng	100
14) 1,2-Dichlorobenzene	7.07	146	659389	39.149	ng	100
15) Benzyl Alcohol	7.04	79	593937	39.641	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	911174	39.321	ng	100
17) 2-Methylphenol	7.15	107	556802	39.206	ng	100
18) Hexachloroethane	7.42	117	270804	39.959	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	488481	38.670	ng	100
20) 3+4-Methylphenols	7.30	107	652671	38.905	ng	100
22) Acetophenone	7.31	105	871604	38.230	ng	100
24) Nitrobenzene	7.48	77	735590	40.447	ng	100
25) Isophorone	7.72	82	1351556	38.721	ng	100
26) 2-Nitrophenol	7.80	139	351621	47.027	ng	100
27) 2,4-Dimethylphenol	7.83	122	566347	39.723	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	846604	39.333	ng	100
29) 2,4-Dichlorophenol	8.04	162	571785	40.265	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	629522	39.821	ng	100
31) Naphthalene	8.20	128	1836440	38.859	ng	100
32) Benzoic acid	7.96	122	355916	35.996	ng	100
33) 4-Chloroaniline	8.25	127	836628	39.677	ng	100
34) Hexachlorobutadiene	8.33	225	365027	40.715	ng	100
35) Caprolactam	8.63	113	181468	39.236	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	596418	39.707	ng	100
37) 2-Methylnaphthalene	8.90	142	1228718	38.898	ng	100
38) 1-Methylnaphthalene	8.99	142	1185670	39.340	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	553301	40.478	ng	100

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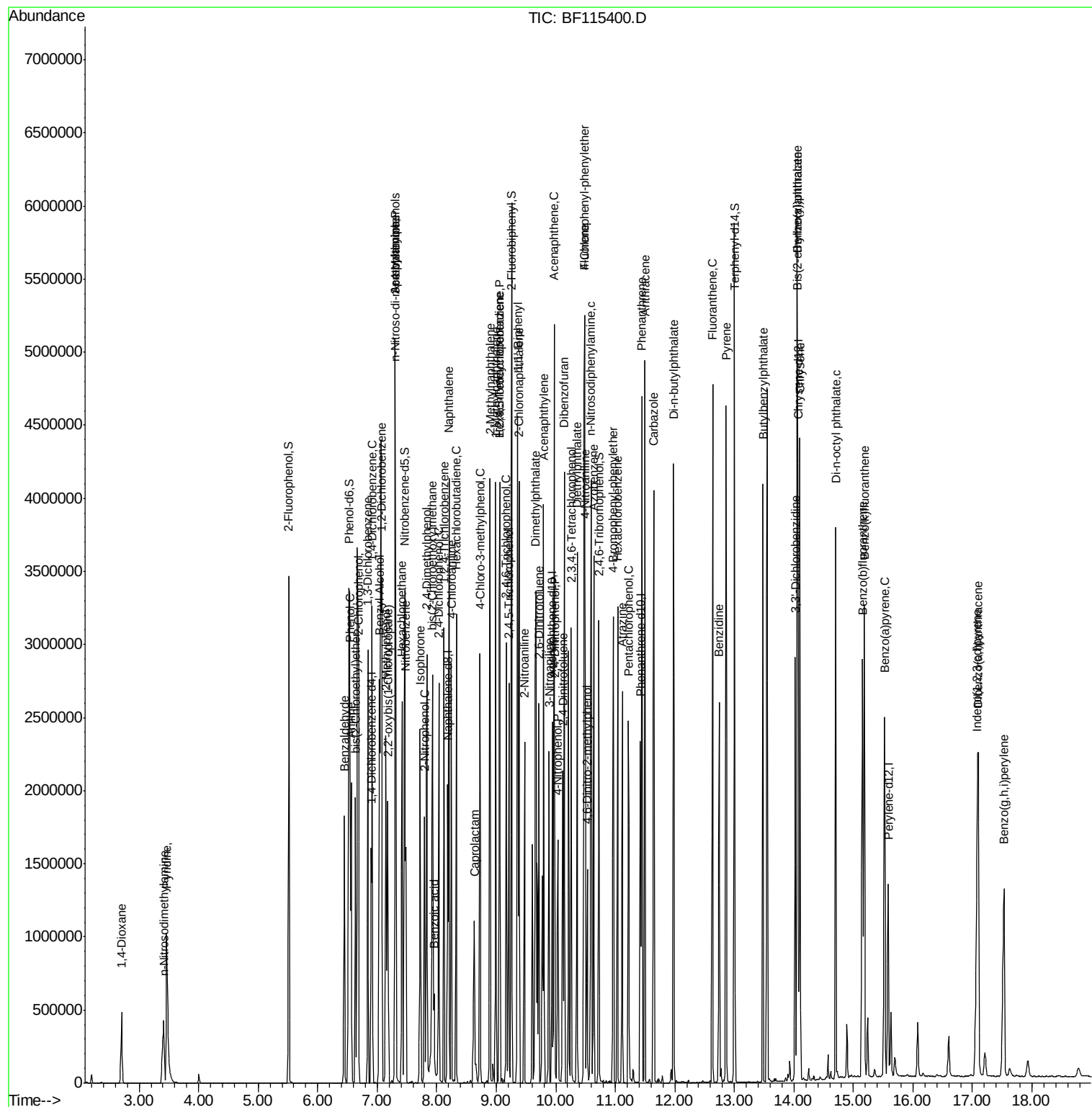
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	411997	52.003	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	407292	40.928	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	425627	41.247	ng	100
46) 1,1'-Biphenyl	9.36	154	1491997	39.943	ng	100
47) 2-Chloronaphthalene	9.39	162	1229740	39.834	ng	100
48) 2-Nitroaniline	9.47	65	394354	43.478	ng	100
49) Acenaphthylene	9.80	152	1828909	39.129	ng	100
50) Dimethylphthalate	9.66	163	1418387	39.772	ng	100
51) 2,6-Dinitrotoluene	9.72	165	323033	41.766	ng	100
52) Acenaphthene	9.97	154	1158735	39.390	ng	100
53) 3-Nitroaniline	9.89	138	374872	41.730	ng	100
54) 2,4-Dinitrophenol	9.99	184	140071	46.571	ng	100
55) Dibenzofuran	10.15	168	1605375	38.742	ng	100
56) 4-Nitrophenol	10.03	139	295258	42.482	ng	100
57) 2,4-Dinitrotoluene	10.12	165	424073	43.143	ng	100
58) Fluorene	10.49	166	1192332	36.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	366065	41.065	ng	100
60) Diethylphthalate	10.36	149	1384683	39.447	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	616087	38.642	ng	100
62) 4-Nitroaniline	10.50	138	367317	41.657	ng	100
63) Azobenzene	10.64	77	1395598	38.569	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	194574	45.511	ng	100
66) n-Nitrosodiphenylamine	10.59	169	1144938	40.262	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	413887	40.870	ng	100
68) Hexachlorobenzene	11.04	284	465895	40.998	ng	100
69) Atrazine	11.12	200	366652	41.662	ng	100
70) Pentachlorophenol	11.22	266	291889	42.147	ng	100
71) Phenanthrene	11.45	178	1859224	39.170	ng	100
72) Anthracene	11.50	178	1873434	39.360	ng	100
73) Carbazole	11.65	167	1717397	39.440	ng	100
74) Di-n-butylphthalate	11.98	149	2081523	39.553	ng	100
75) Fluoranthene	12.63	202	1949149	39.000	ng	100
77) Benzidine	12.75	184	916080	36.481	ng	100
78) Pyrene	12.86	202	1987549	39.691	ng	100
80) Butylbenzylphthalate	13.48	149	922345	42.156	ng	100
81) Benzo(a)anthracene	14.07	228	1616064	39.168	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	637915	42.609	ng	100
83) Chrysene	14.10	228	1677777	39.577	ng	100
84) Bis(2-ethylhexyl)phthalate	14.06	149	1117863	41.256	ng	100
85) Di-n-octyl phthalate	14.70	149	1985528	41.163	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	1466361	41.816	ng	100
88) Benzo(b)fluoranthene	15.15	252	1642212	40.865	ng	100
89) Benzo(k)fluoranthene	15.19	252	1369559	38.321	ng	100
90) Benzo(a)pyrene	15.53	252	1386029	39.989	ng	100
91) Dibenzo(a,h)anthracene	17.10	278	1194528	40.331	ng	100
92) Benzo(g,h,i)perylene	17.53	276	1158351	41.319	ng	100

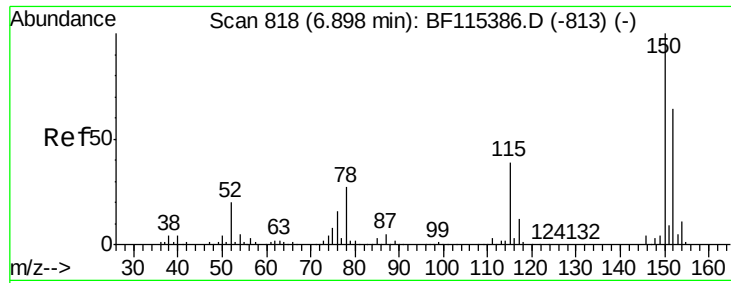
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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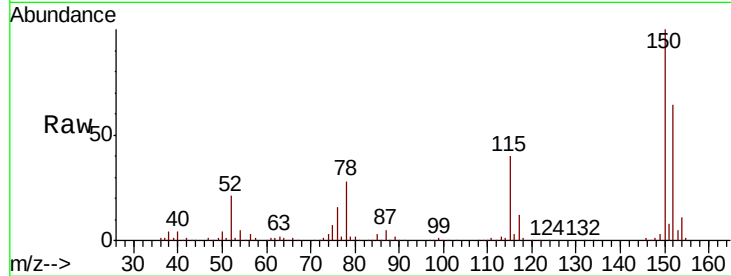


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	62.7	50.2	75.2

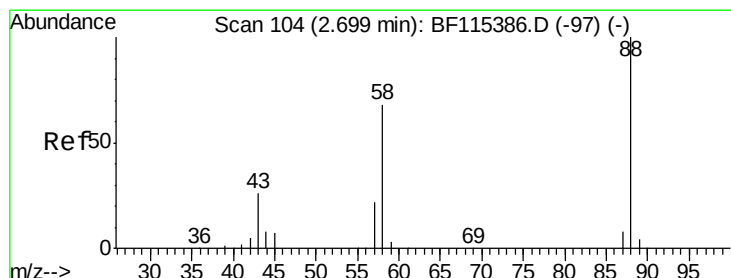
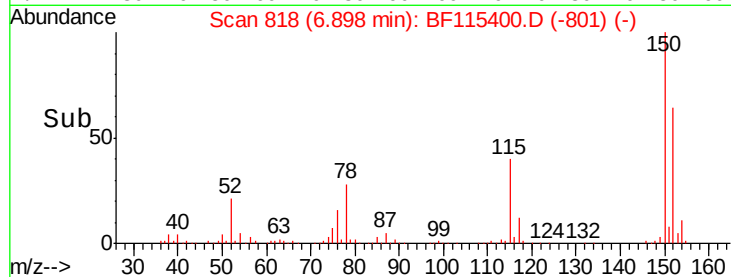
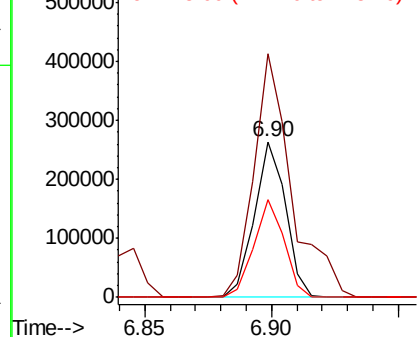


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

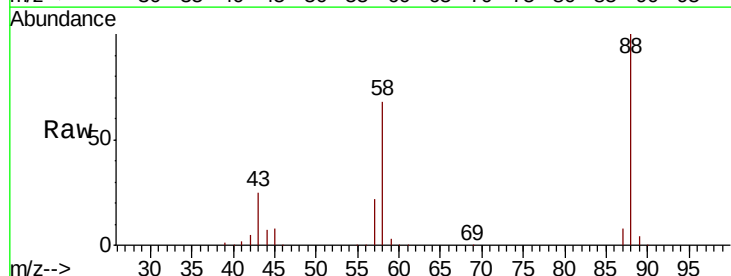
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.131 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.4	81.6
43	25.9	20.7	31.1

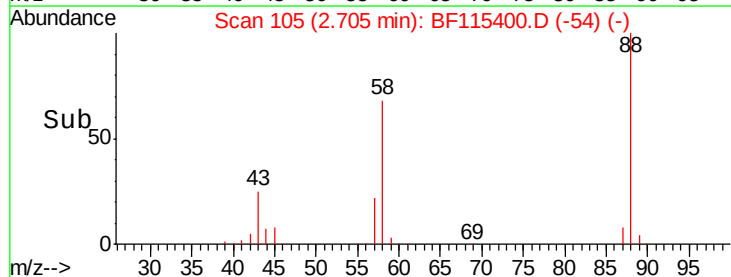
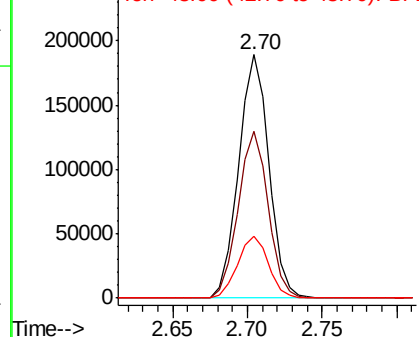


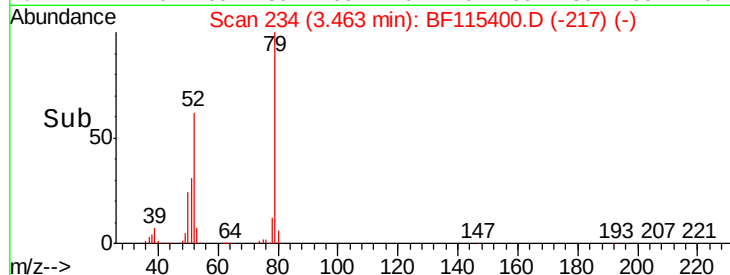
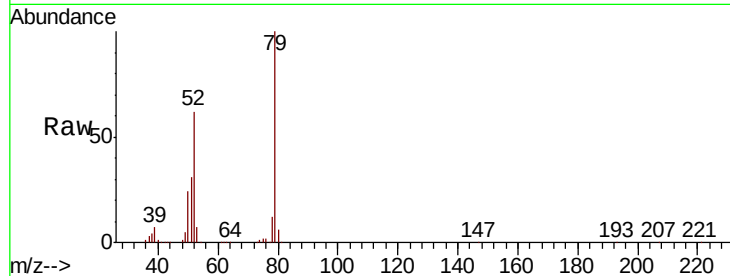
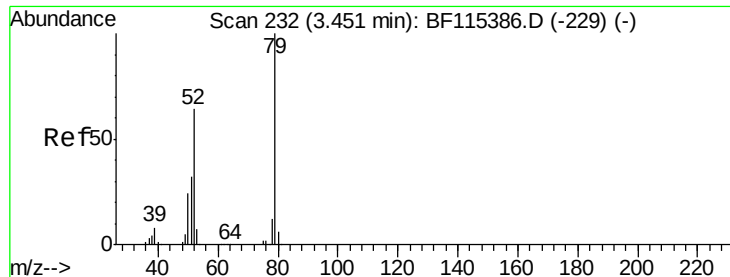
Abundance

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

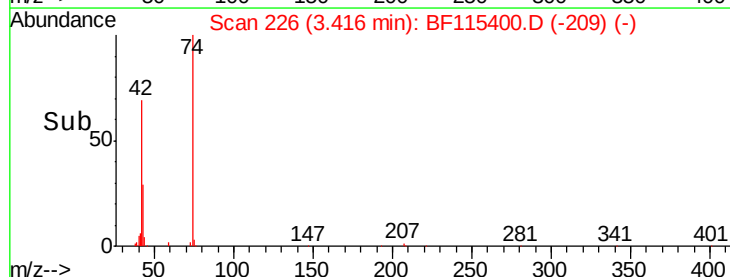
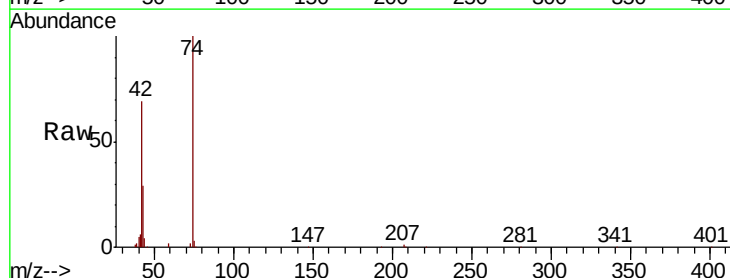
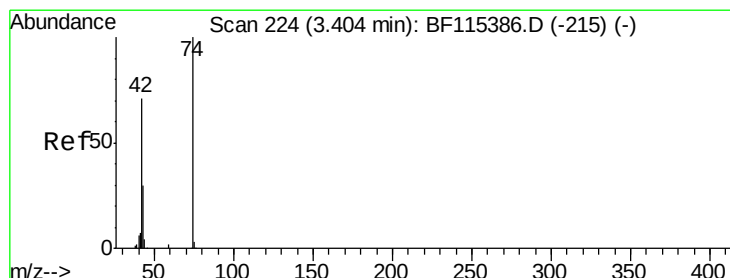
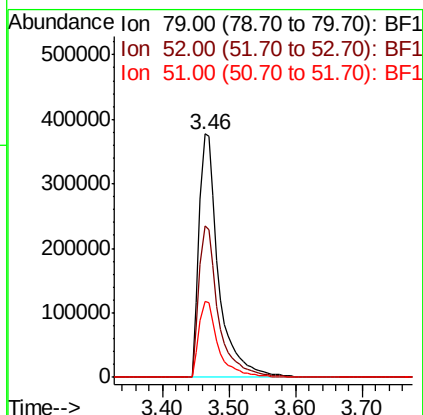




#3
 Pvridine
 Concen: 37.656 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

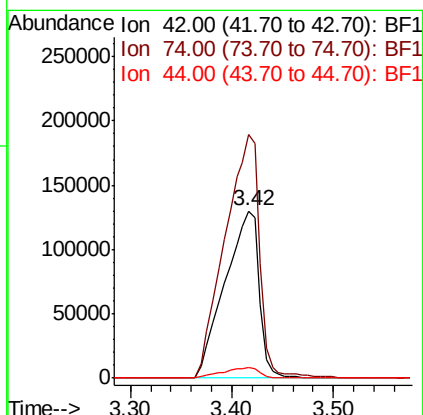
Instrument :
 BNA_F
 ClientSampleId :

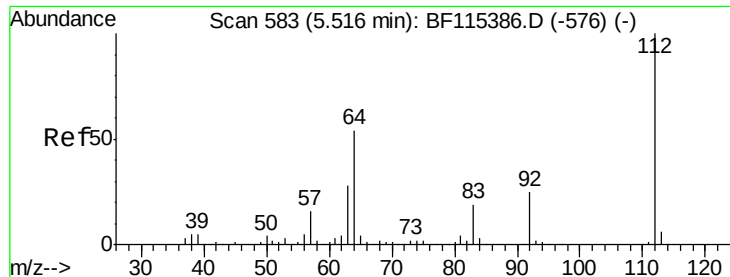
Tot Ion	Ratio	Lower	Upper
79	100		
52	62.4	49.9	74.9
51	31.3	25.0	37.6



#4
 n-Nitrosodimethylamine
 Concen: 37.678 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.7	116.6	174.8
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 75.517 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

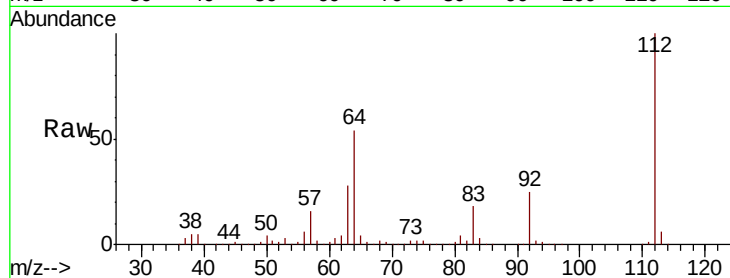
Tot Ion:112 Resp: 1108686

Ion Ratio Lower Upper

112 100

64 54.3 43.4 65.2

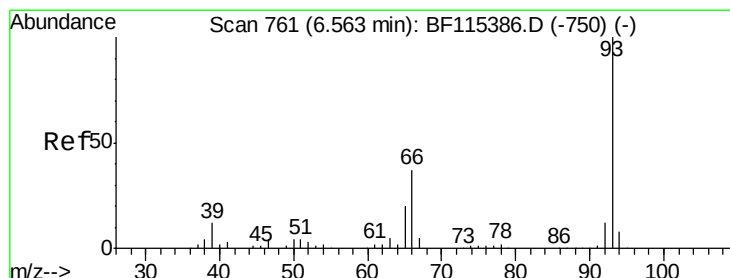
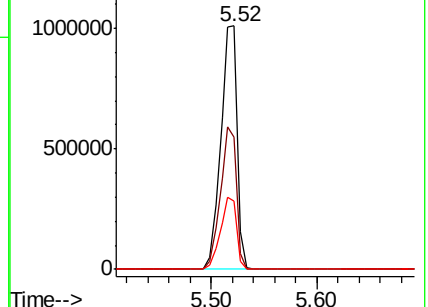
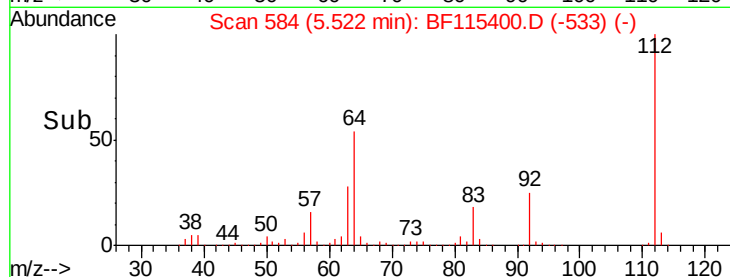
63 28.0 22.4 33.6



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: 39.150 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

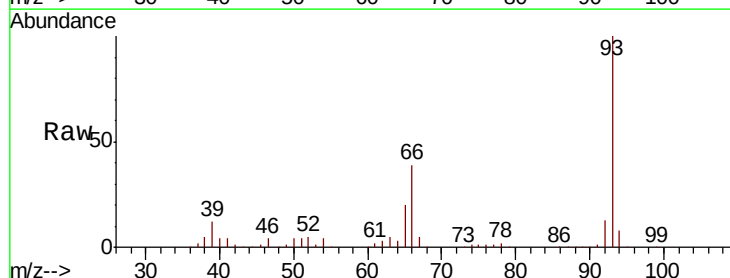
Tgt Ion: 93 Resp: 1031555

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.2

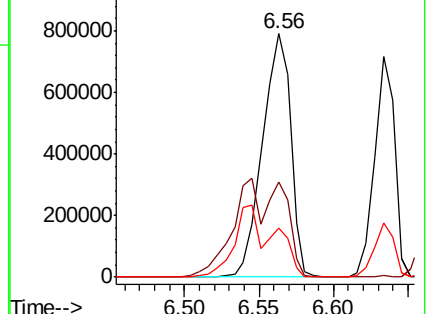
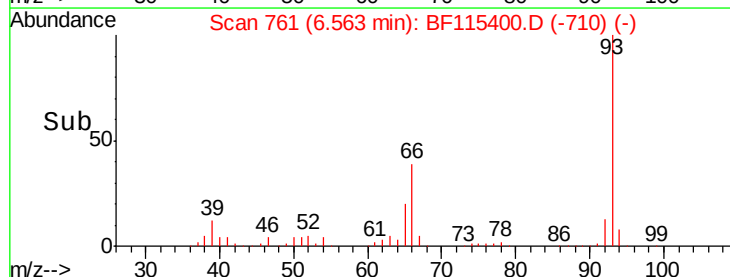
65 20.2 16.2 24.2

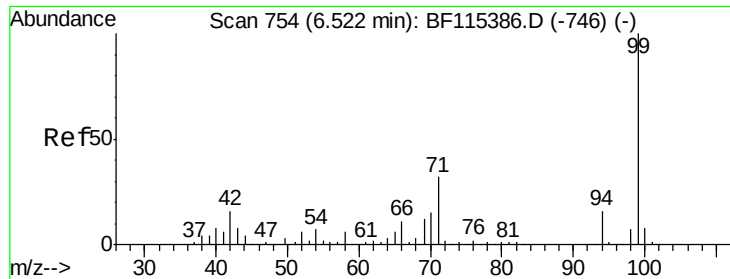


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.017 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

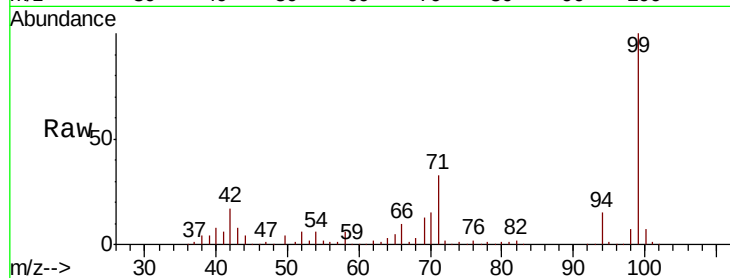
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1456702

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	33.1	26.5	39.7

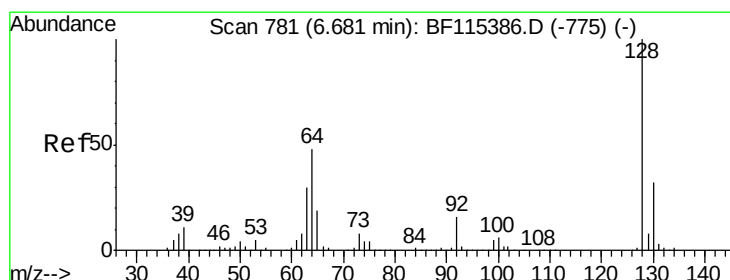
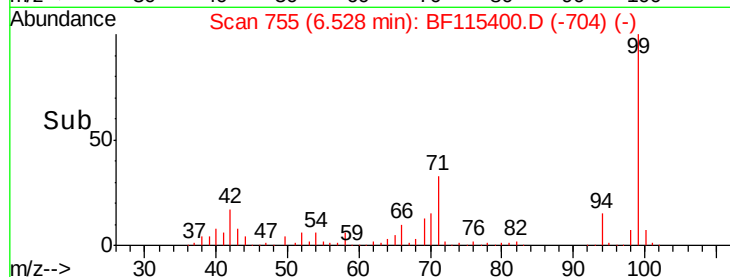


Abundance

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: 39.837 ng

RT: 6.69 min Scan# 782

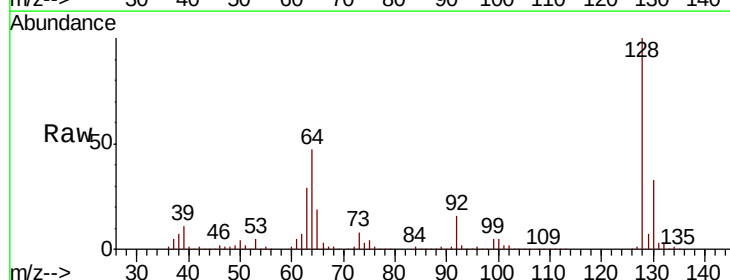
Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Tgt Ion: 128 Resp: 660402

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	46.6	26.6	66.6

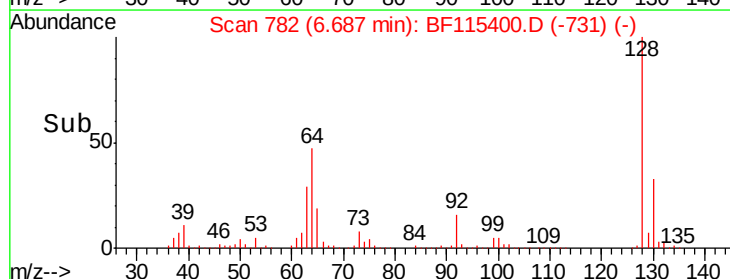


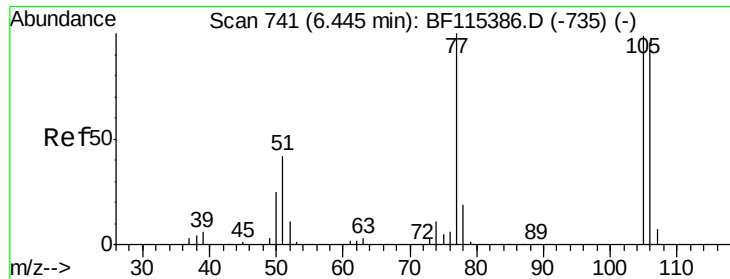
Abundance

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: 41.432 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

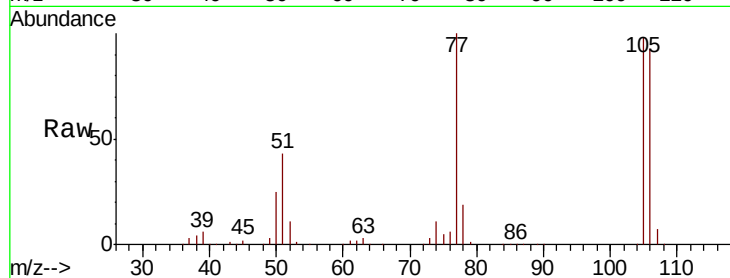
Tot Ion: 77 Resp: 443282

Ion Ratio Lower Upper

77 100

105 97.6 77.6 117.6

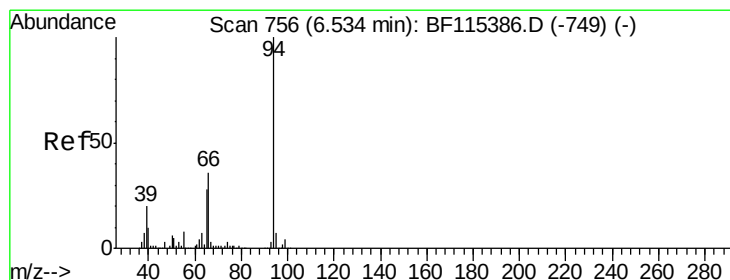
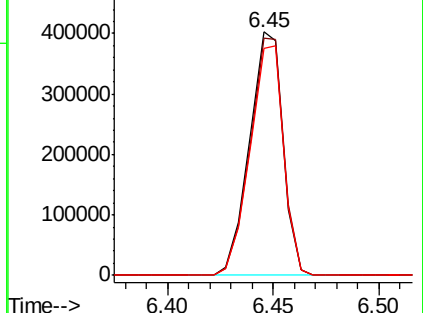
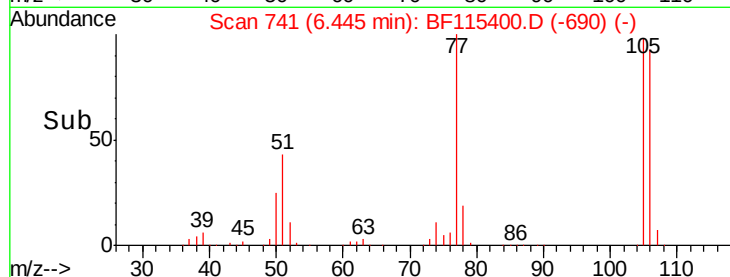
106 93.3 73.3 113.3



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: 38.874 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

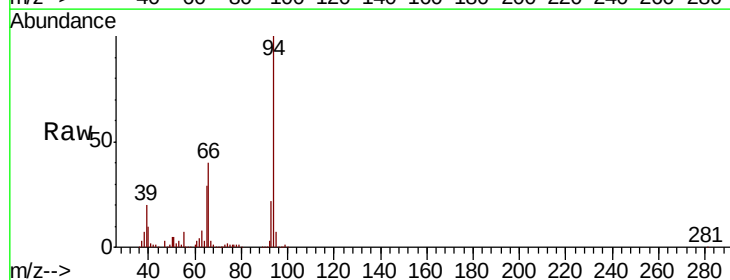
Tgt Ion: 94 Resp: 868444

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

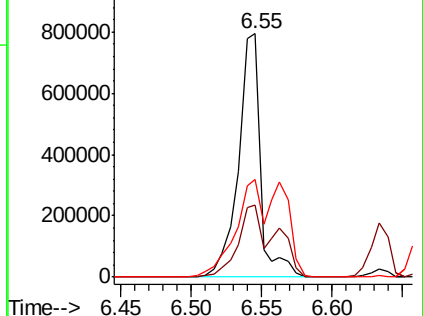
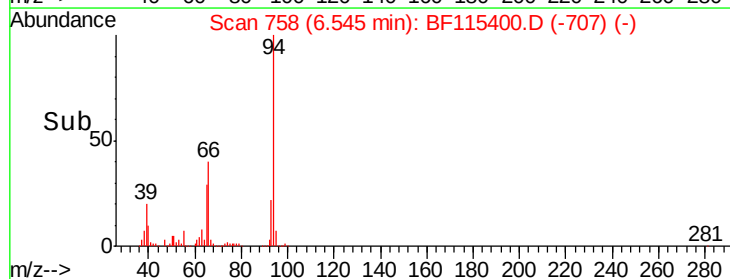
66 40.4 20.4 60.4

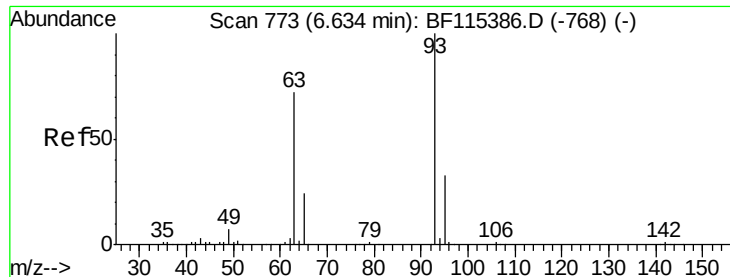


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

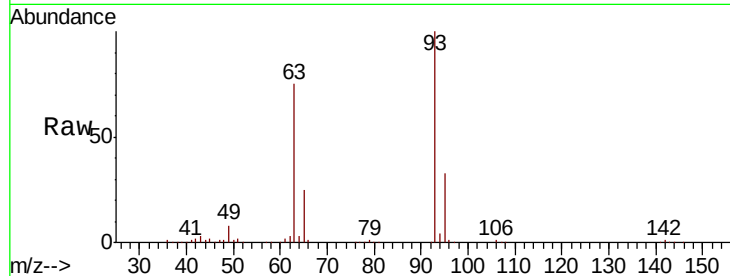




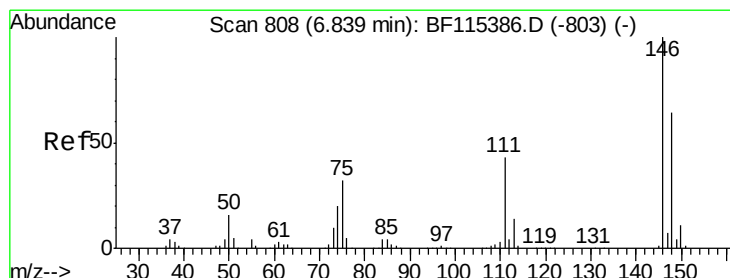
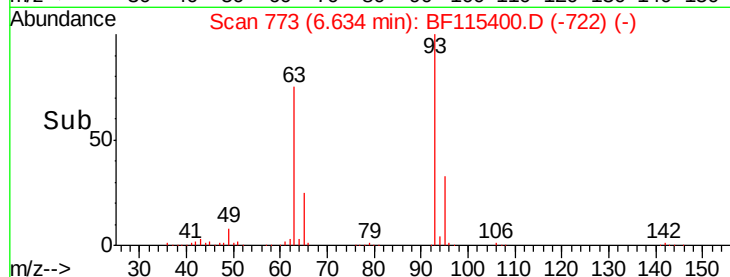
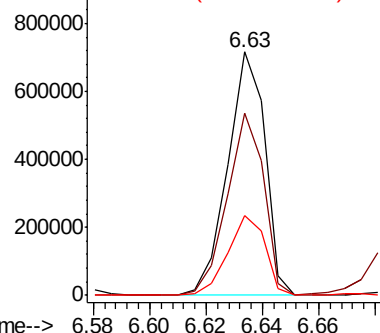
#11
bis(2-Chloroethyl)ether
Concen: 39.559 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	54.8	94.8
95	33.0	13.0	53.0

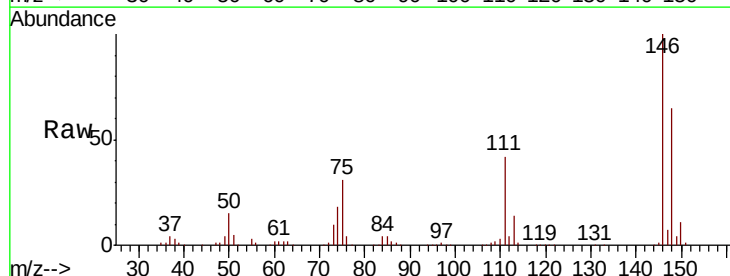


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

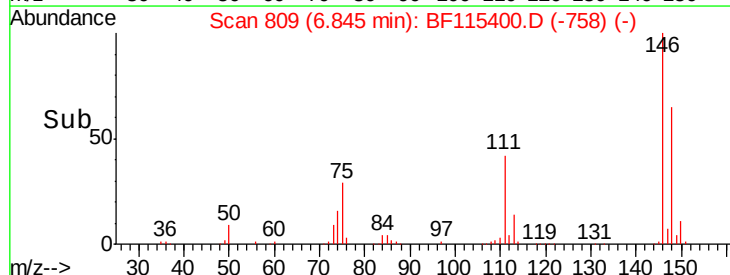
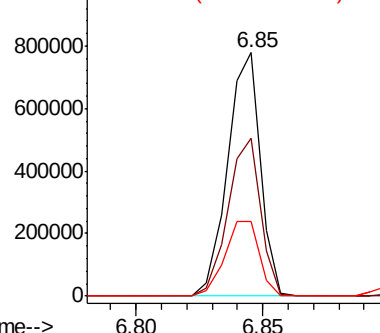


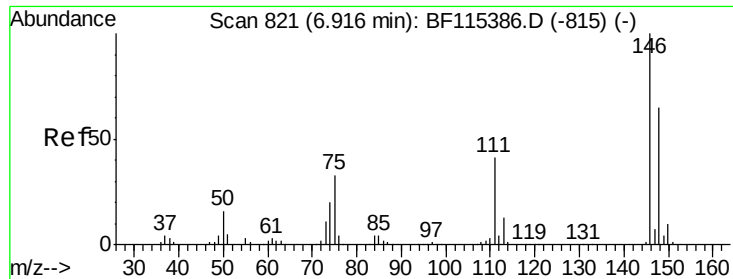
#12
1,3-Dichlorobenzene
Concen: 38.666 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
75	30.7	24.6	36.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

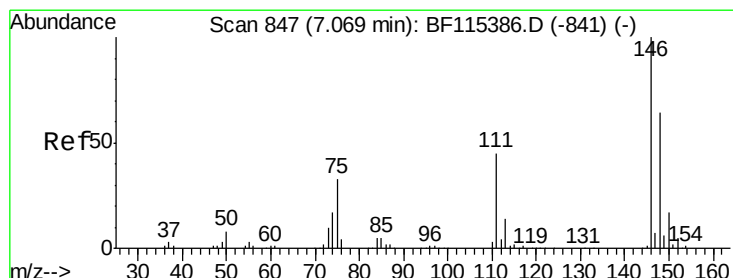
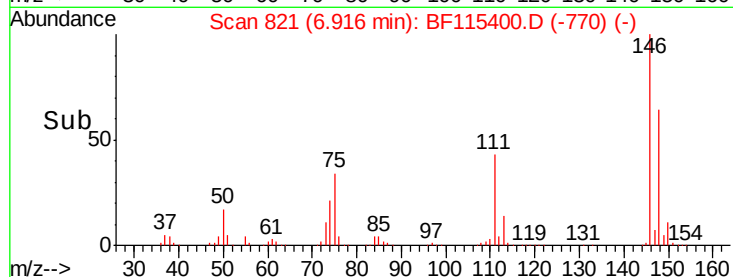
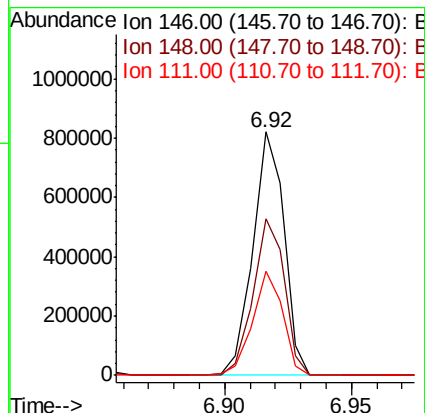
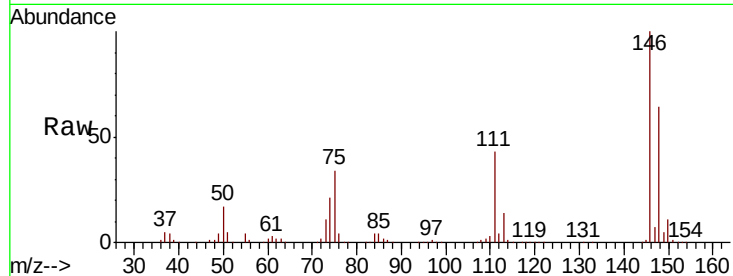




#13
 1,4-Dichlorobenzene
 Concen: 38.846 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

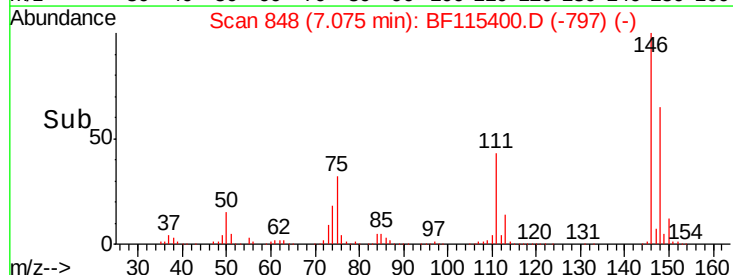
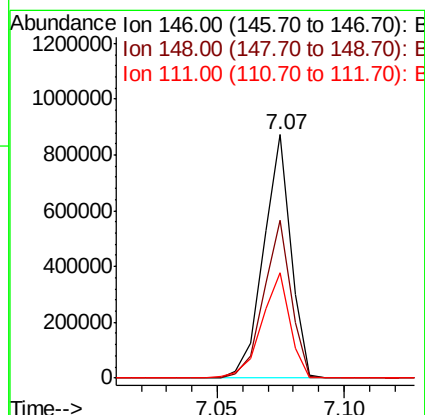
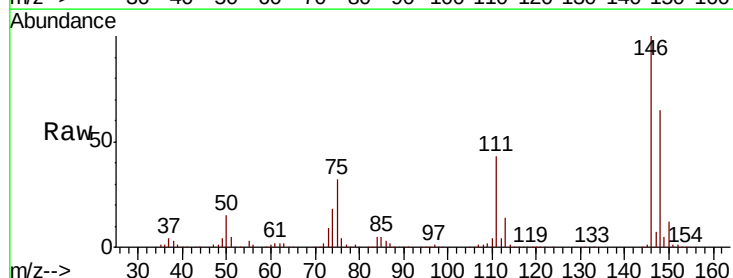
Instrument :
 BNA_F
 ClientSampled :

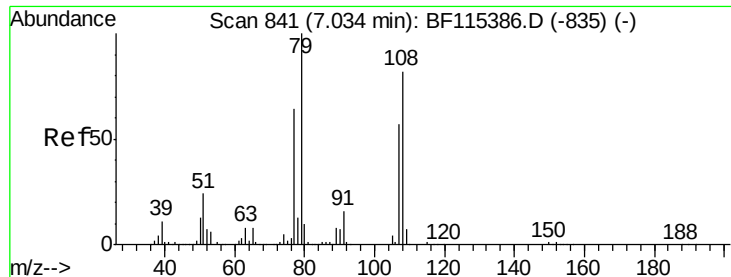
Tot Ion:146 Resp: 706695
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 42.5 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 39.149 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:146 Resp: 659389
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.7 77.5
 111 43.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.641 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

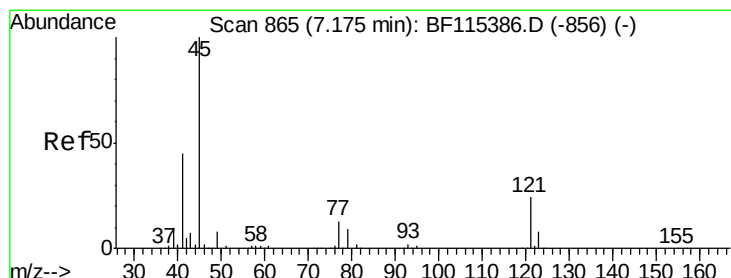
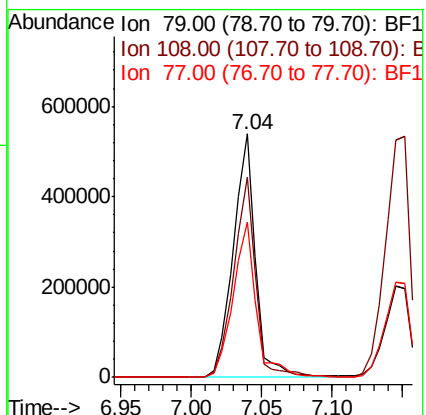
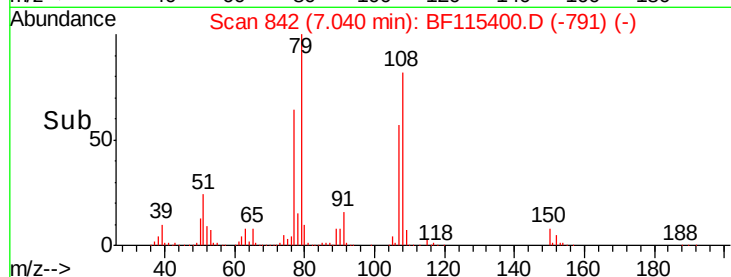
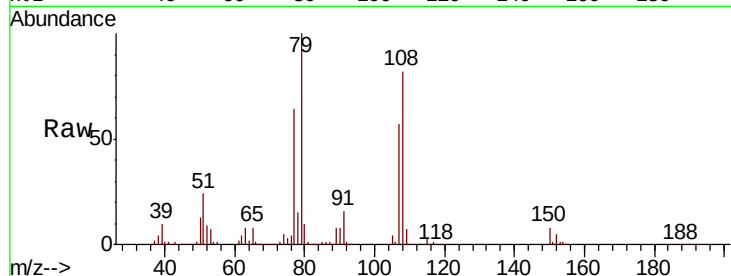
Tot Ion: 79 Resp: 593937

Ion Ratio Lower Upper

79 100

108 82.4 65.9 98.9

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.321 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

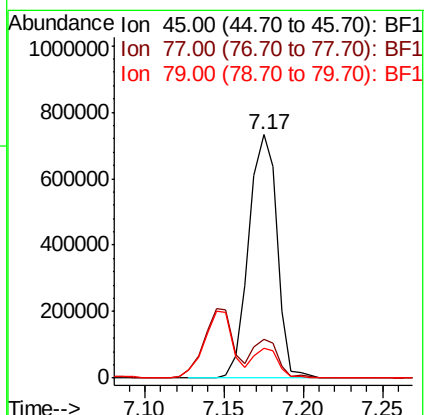
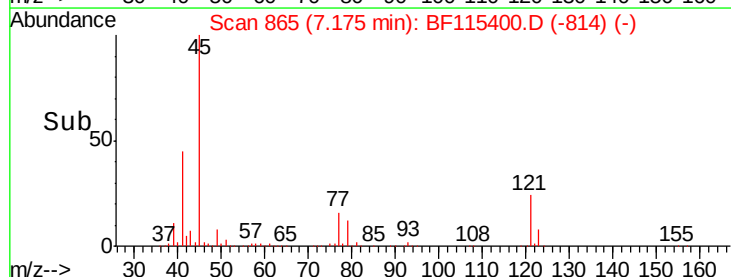
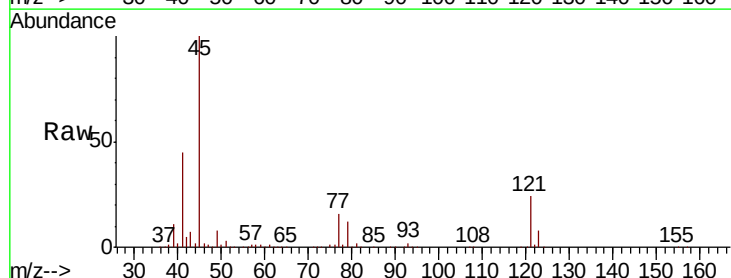
Tgt Ion: 45 Resp: 911174

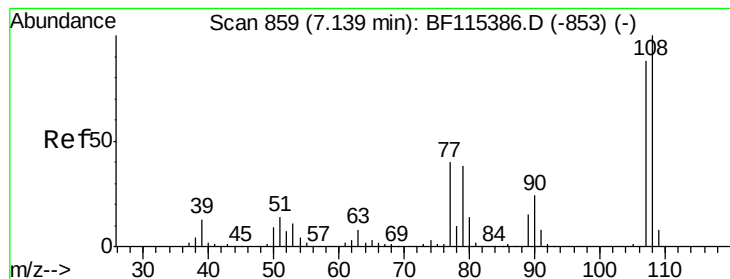
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.8

79 12.1 0.0 32.1

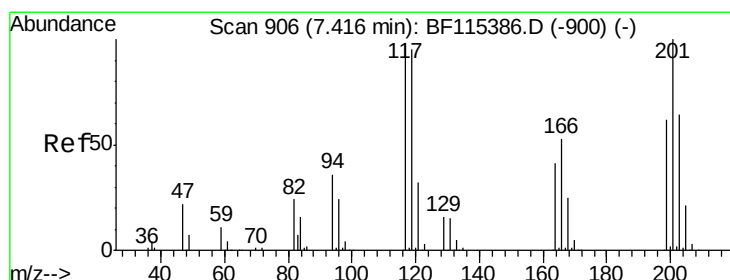
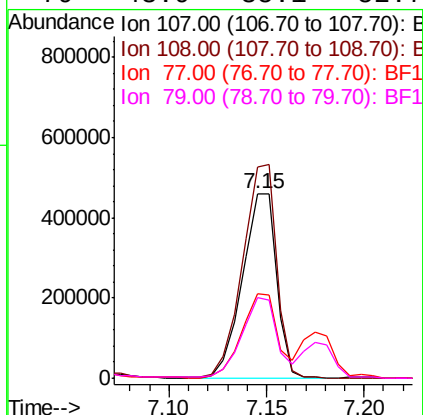
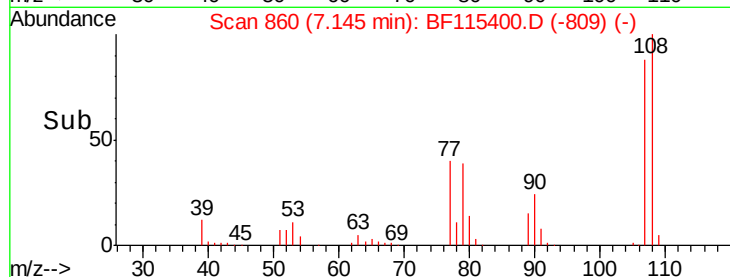
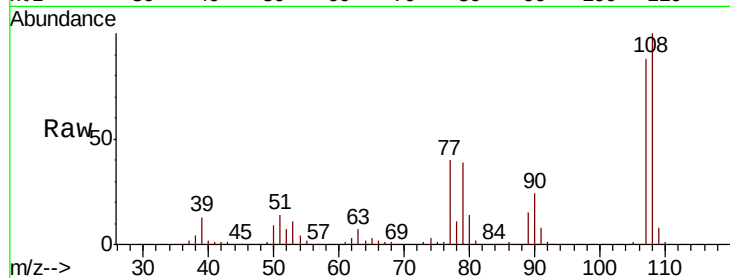




#17
2-Methylphenol
Concen: 39.206 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

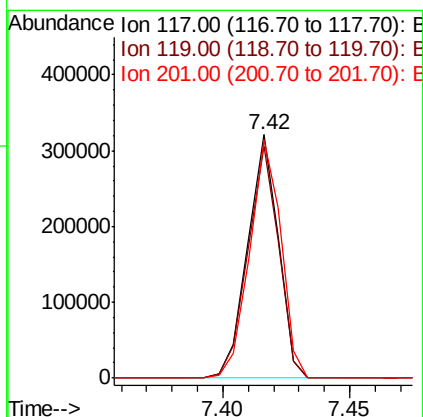
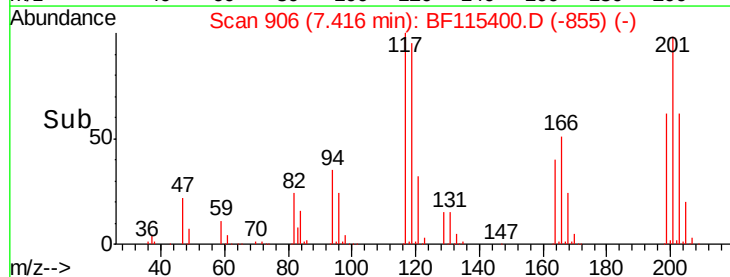
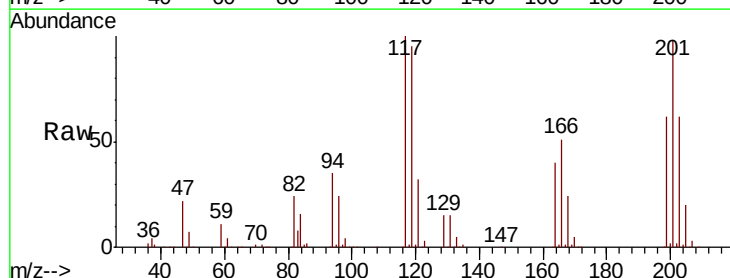
Instrument :
BNA_F
ClientSampled :

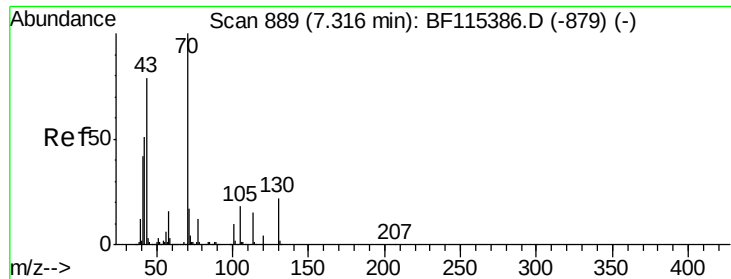
Tot Ion:107 Resp: 556802
Ion Ratio Lower Upper
107 100
108 114.0 91.2 136.8
77 45.7 36.6 54.8
79 43.9 35.1 52.7



#18
Hexachloroethane
Concen: 39.959 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:117 Resp: 270804
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
201 98.1 78.5 117.7

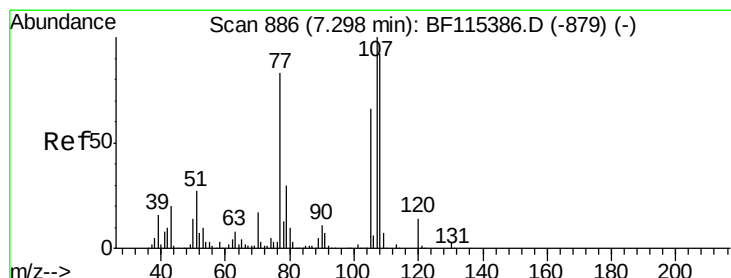
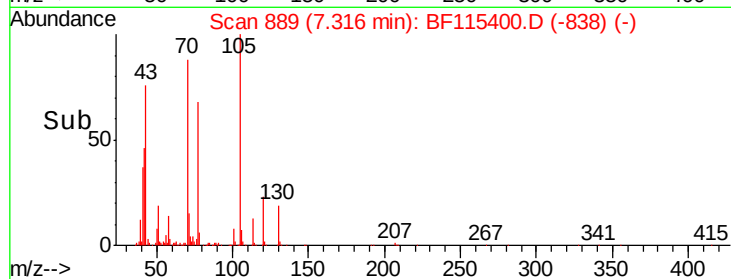
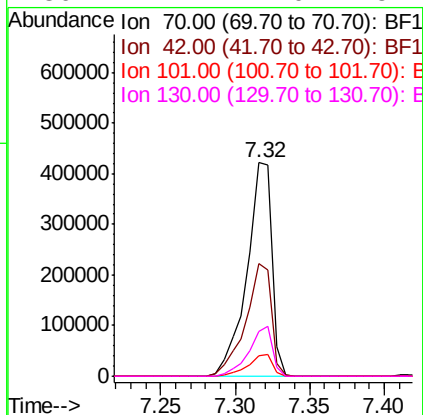
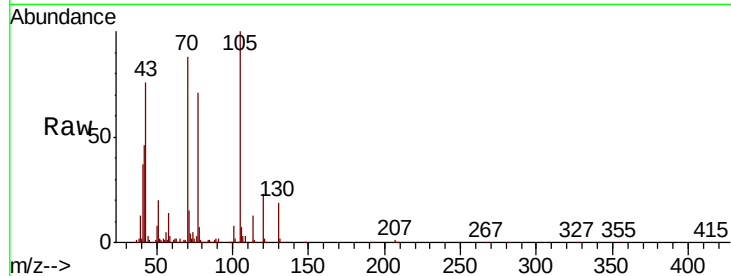




#19
n-Nitroso-di-n-propylamine
Concen: 38.670 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

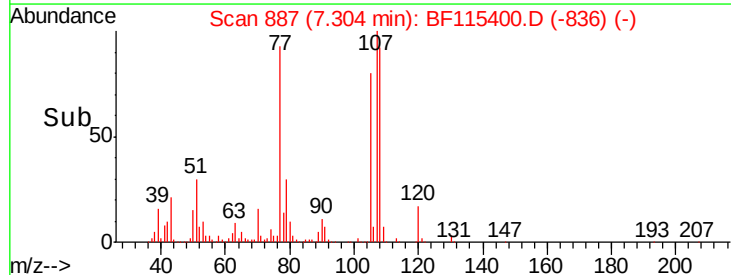
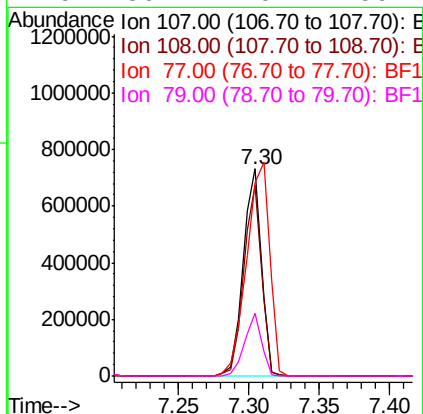
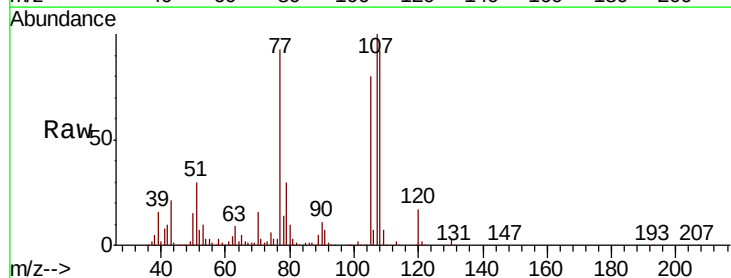
Instrument :
BNA_F
ClientSampleId :

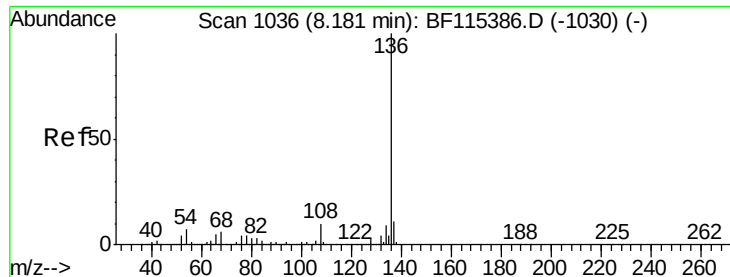
Tot Ion:	70	Resp:	488481
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.3	63.5
101	9.5	7.6	11.4
130	21.2	17.0	25.4



#20
3+4-Methylphenols
Concen: 38.905 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:	107	Resp:	652671
Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.3	112.3
77	93.4	73.4	113.4
79	30.2	10.2	50.2

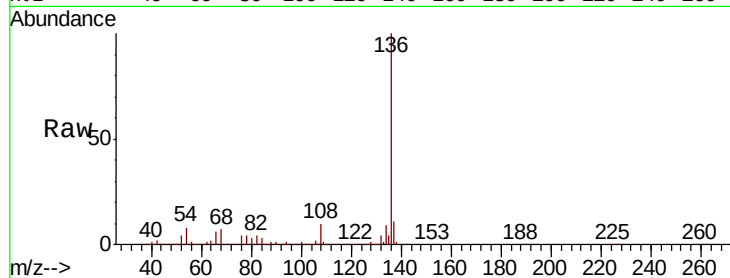




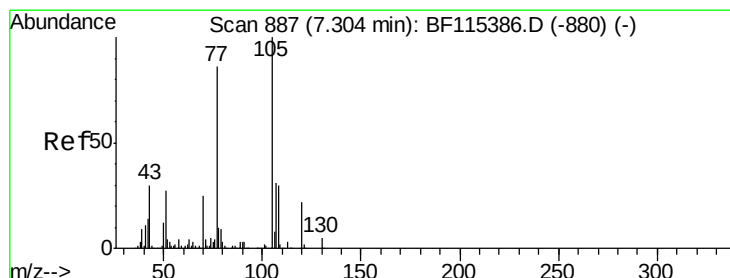
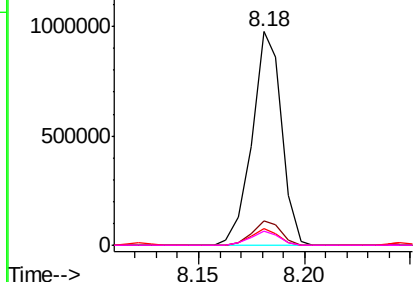
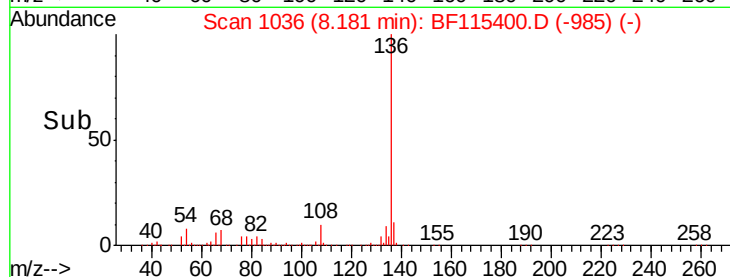
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	951456
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	7.6	6.1 9.1
68	6.7	5.4 8.0

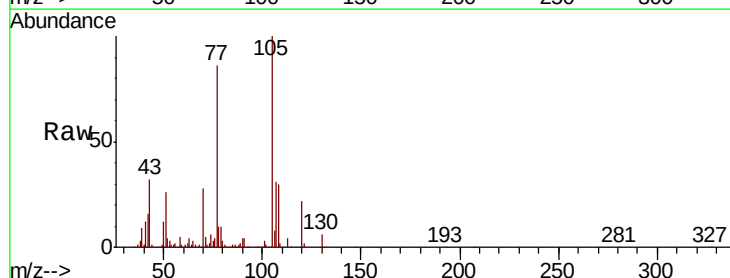


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

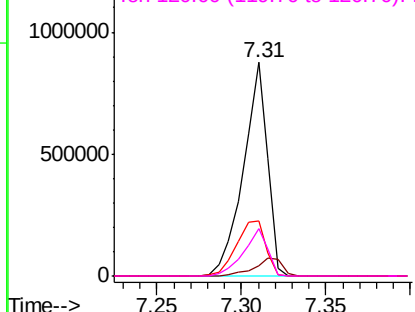
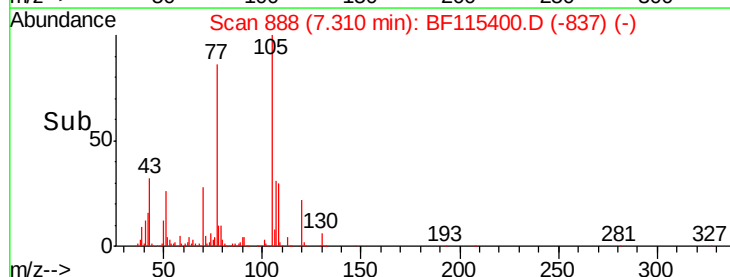


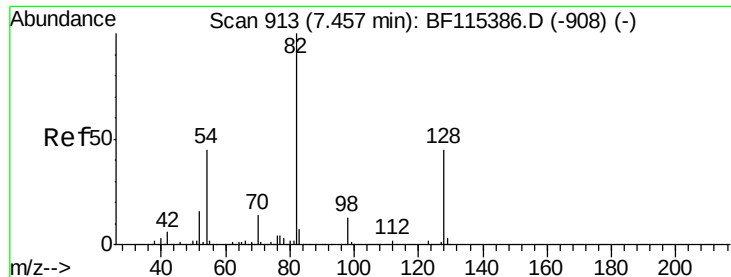
#22
Acetophenone
Concen: 38.230 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:105	Resp:	871604
Ion Ratio	Lower	Upper
105	100	
71	4.8	3.8 5.8
51	26.1	20.9 31.3
120	22.3	17.8 26.8



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

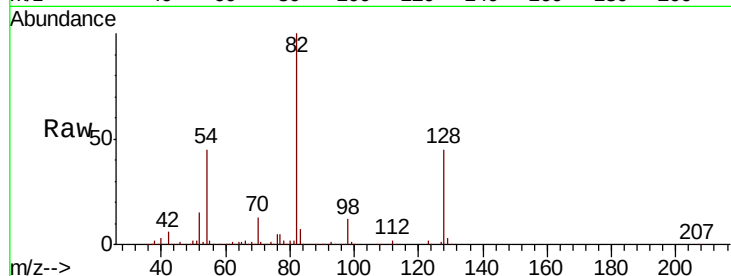




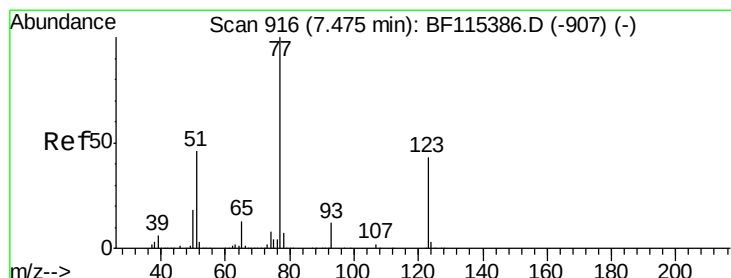
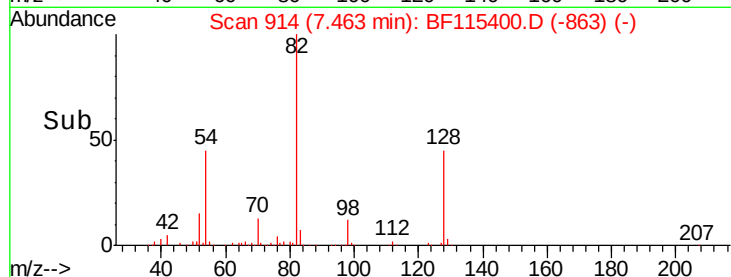
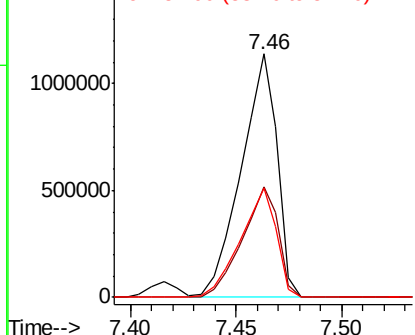
#23
Nitrobenzene-d5
Concen: 83.228 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1340278
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 44.7 35.8 53.6

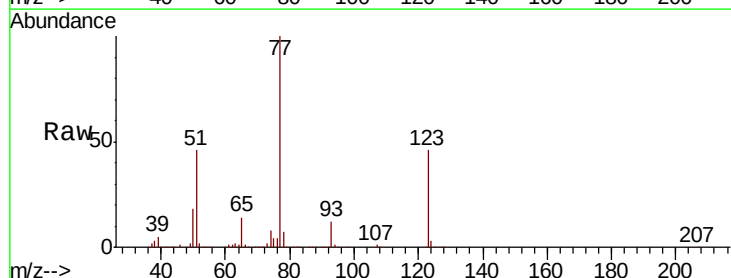


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

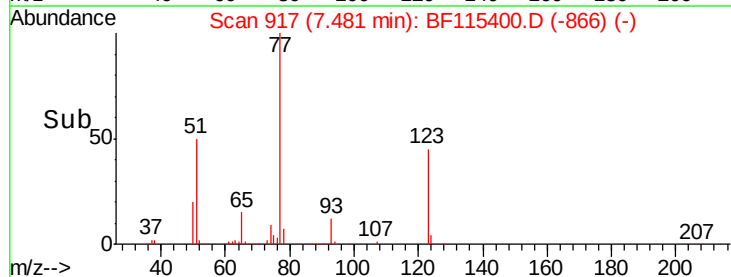
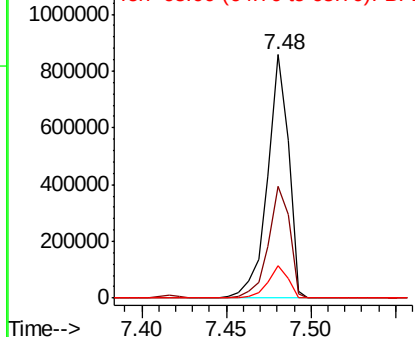


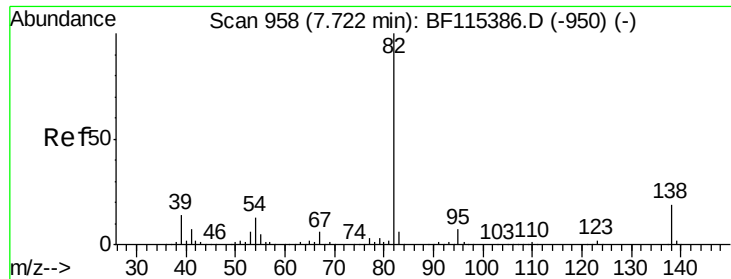
#24
Nitrobenzene
Concen: 40.447 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion: 77 Resp: 735590
Ion Ratio Lower Upper
77 100
123 45.9 36.7 55.1
65 13.5 10.8 16.2



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: 38.721 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

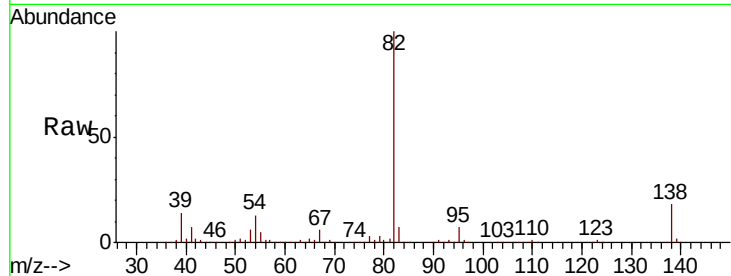
Tot Ion: 82 Resp: 1351556

Ion Ratio Lower Upper

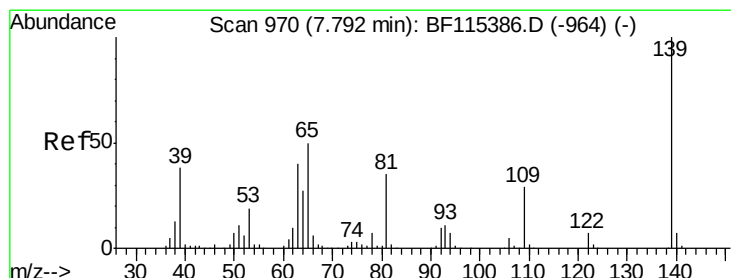
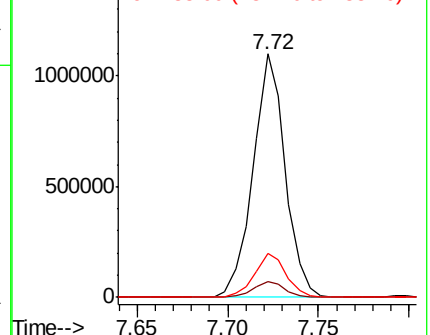
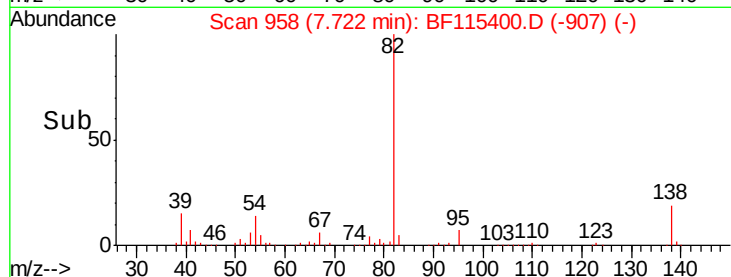
82 100

95 6.7 5.4 8.0

138 17.9 14.3 21.5



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: 47.027 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

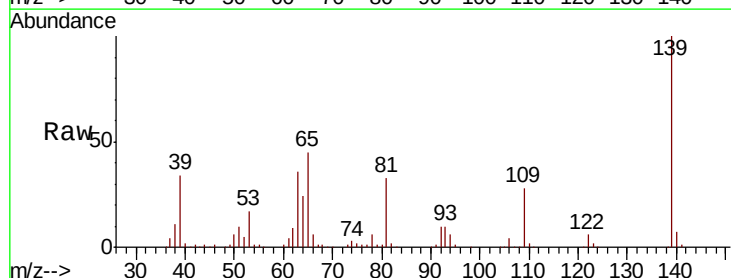
Tgt Ion: 139 Resp: 351621

Ion Ratio Lower Upper

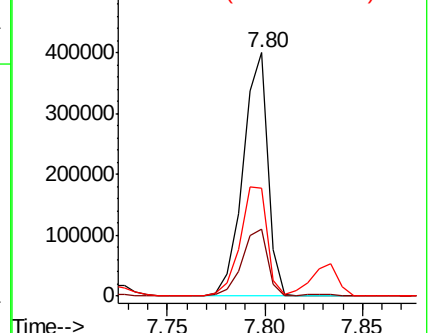
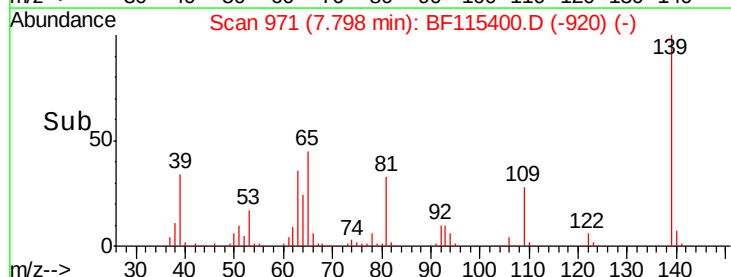
139 100

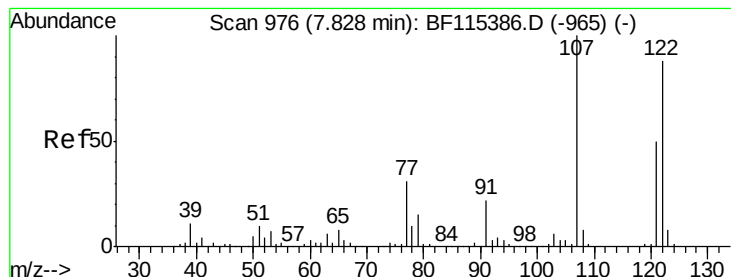
109 27.8 22.2 33.4

65 44.5 35.6 53.4



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: 39.723 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

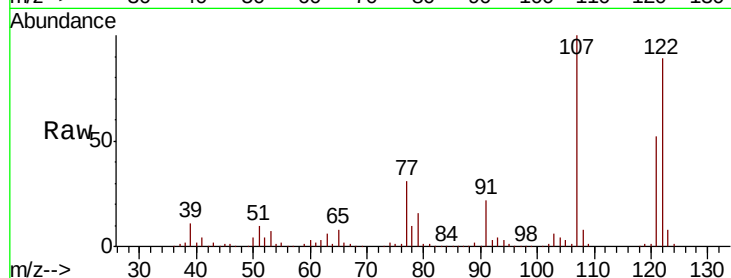
Tot Ion:122 Resp: 566347

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.2

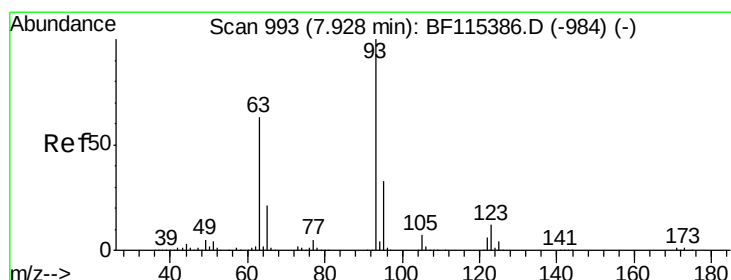
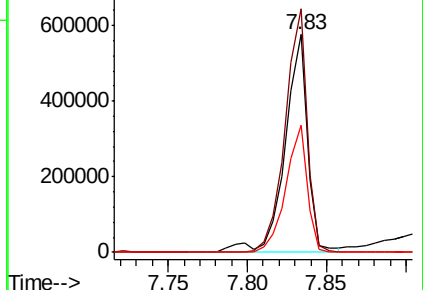
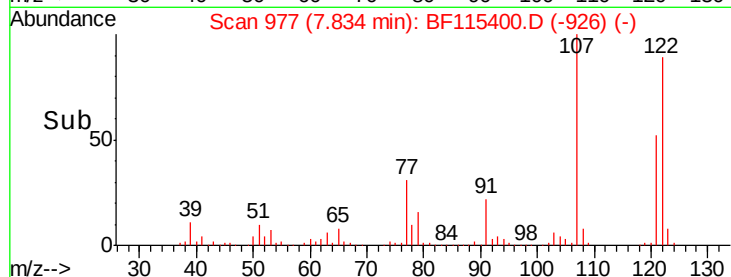
121 58.2 46.6 69.8



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: 39.333 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

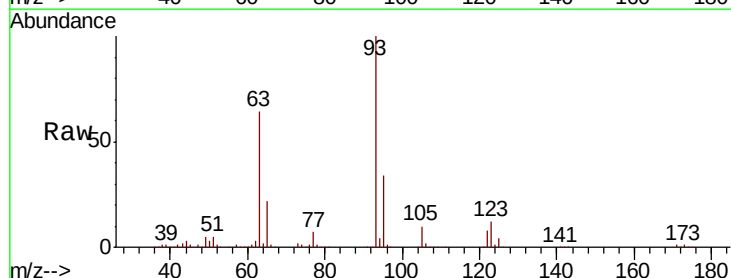
Tgt Ion: 93 Resp: 846604

Ion Ratio Lower Upper

93 100

95 33.6 26.9 40.3

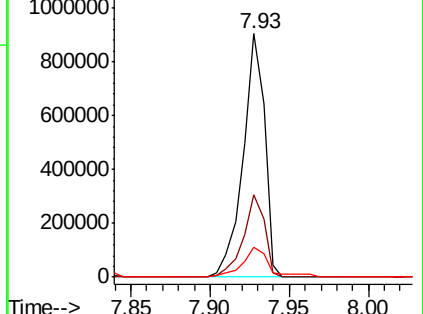
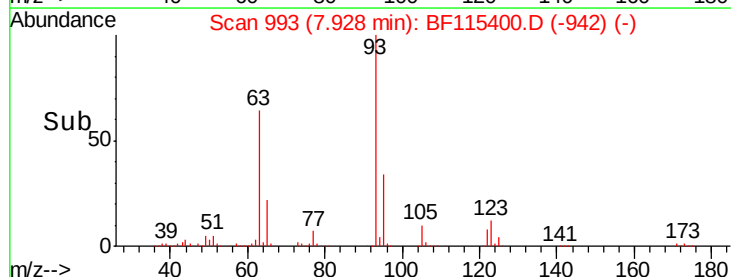
123 12.0 9.6 14.4

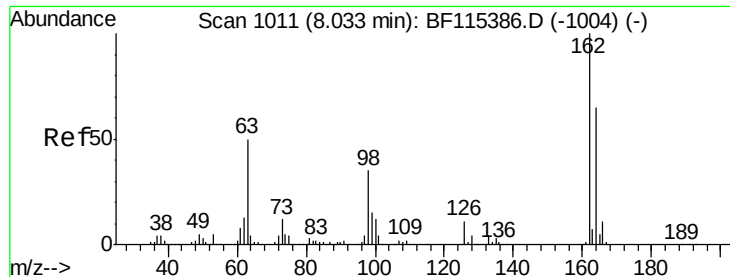


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

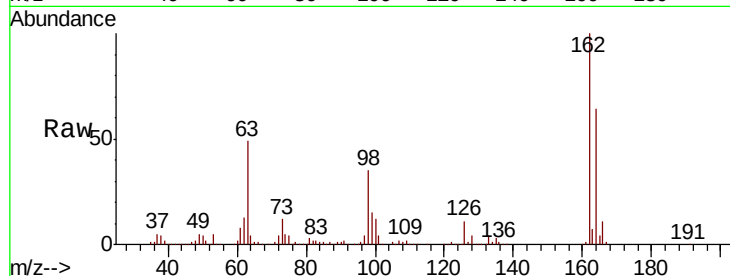




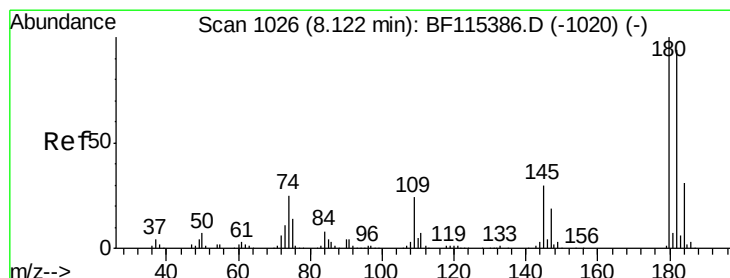
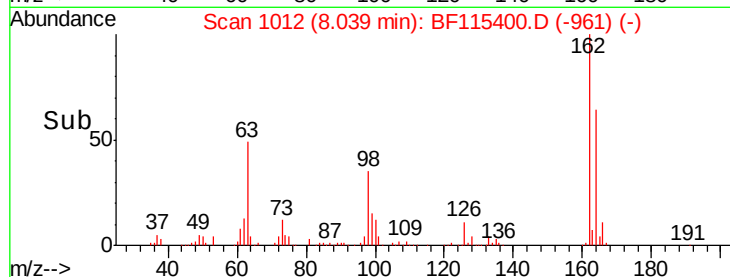
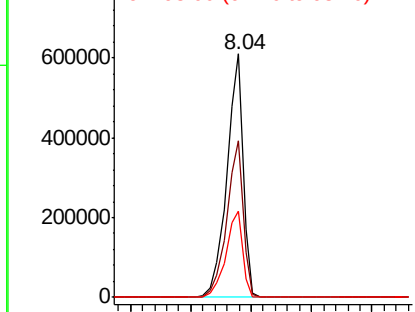
#29
 2,4-Dichlorophenol
 Concen: 40.265 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	35.2	15.2	55.2

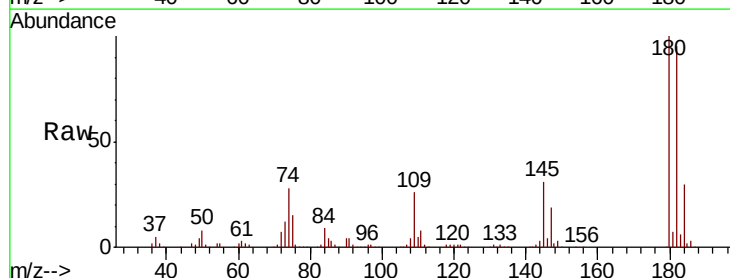


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

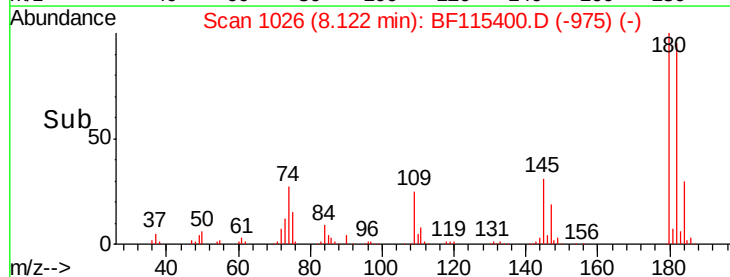
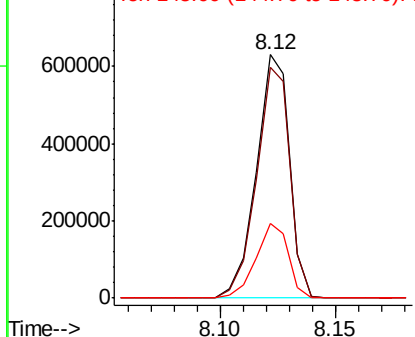


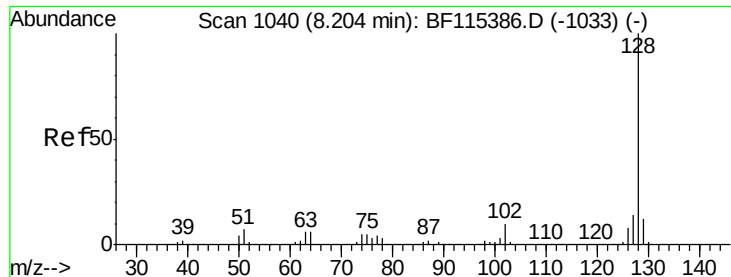
#30
 1,2,4-Trichlorobenzene
 Concen: 39.821 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	30.7	24.6	36.8



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

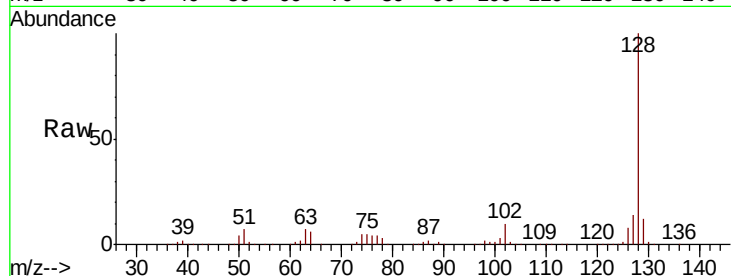




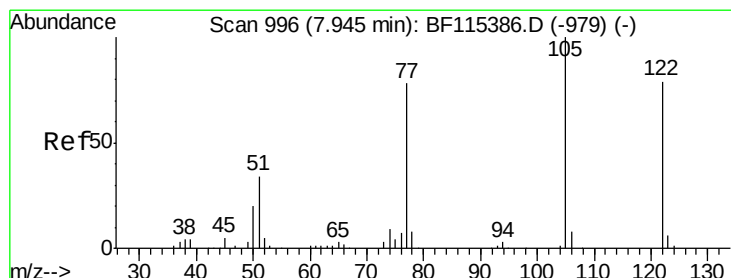
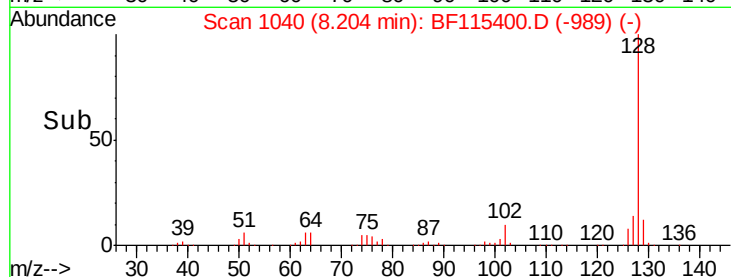
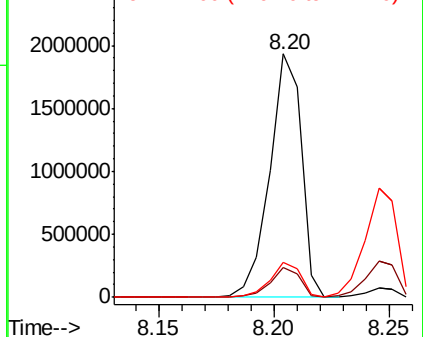
#31
Naphthalene
Concen: 38.859 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1836440
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.4 11.5 17.3

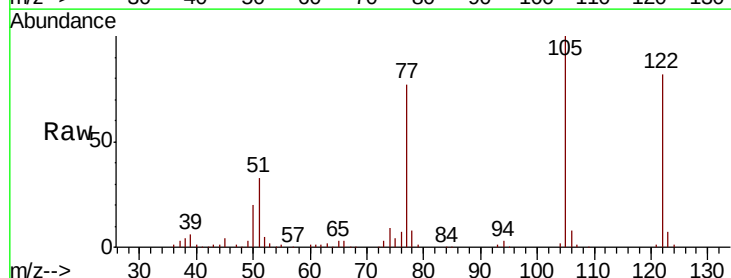


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

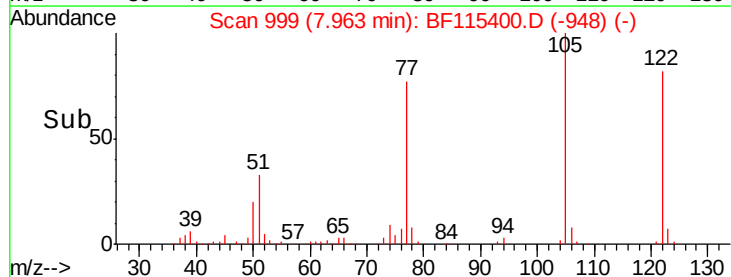
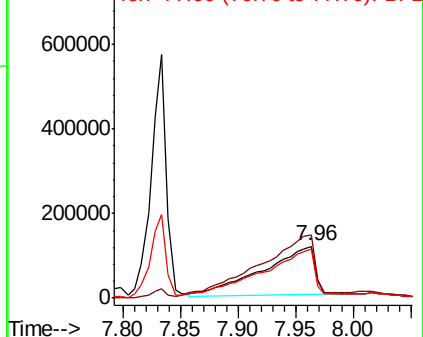


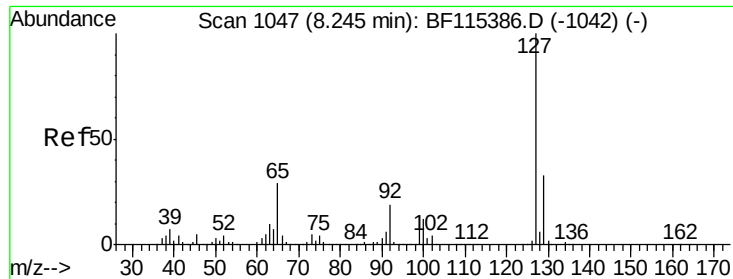
#32
Benzoic acid
Concen: 35.996 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:122 Resp: 355916
Ion Ratio Lower Upper
122 100
105 122.2 102.2 142.2
77 93.6 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

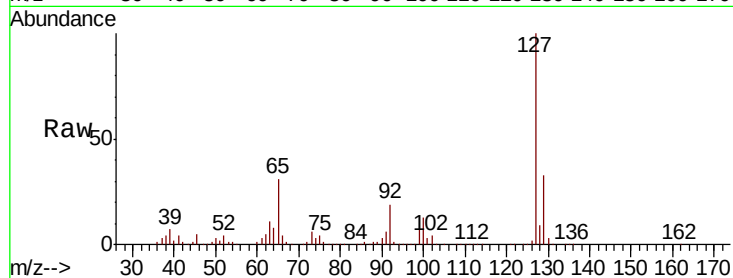




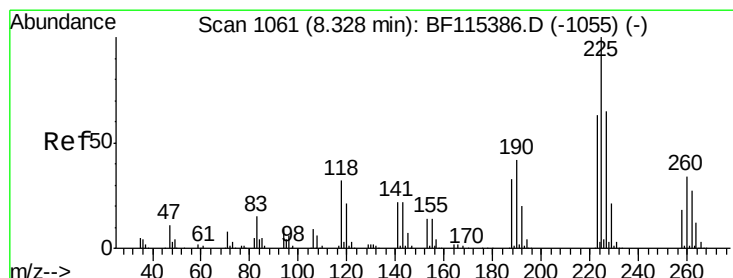
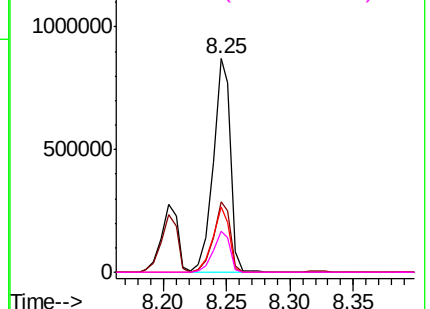
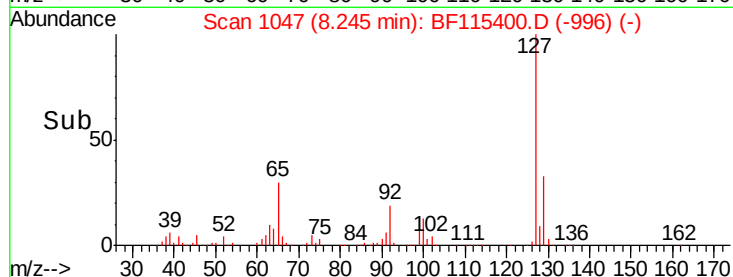
#33
4-Chloroaniline
Concen: 39.677 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	836628
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	30.6	24.5	36.7
92	19.2	15.4	23.0

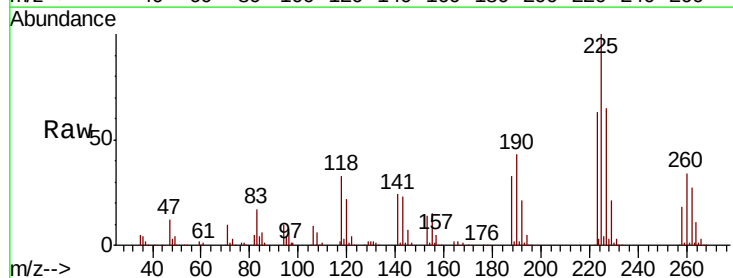


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

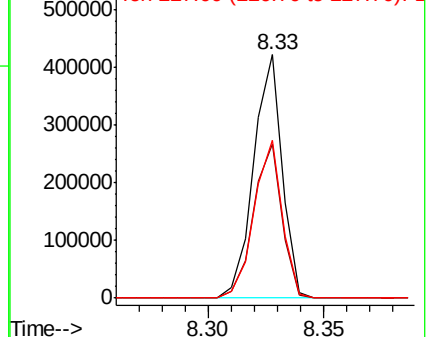
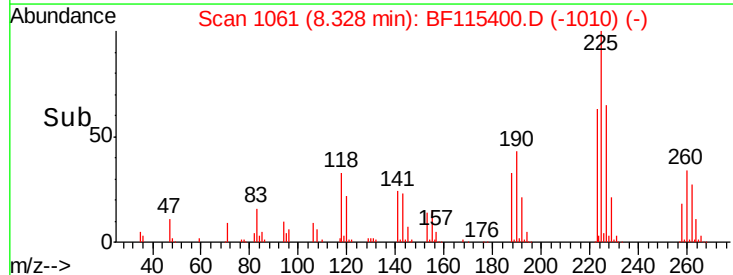


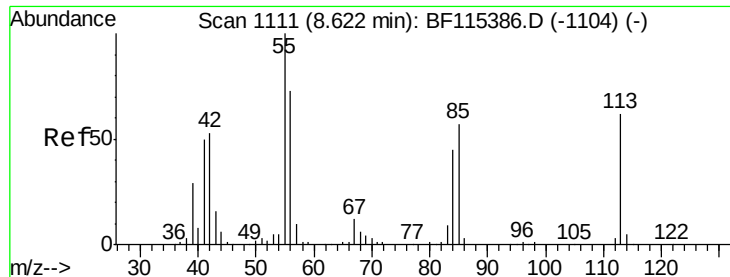
#34
Hexachlorobutadiene
Concen: 40.715 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:	225	Resp:	365027
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	64.8	51.8	77.8



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

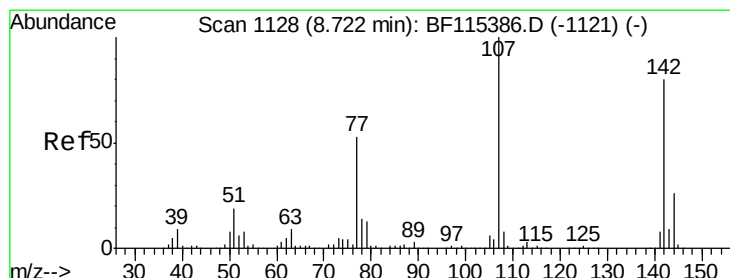
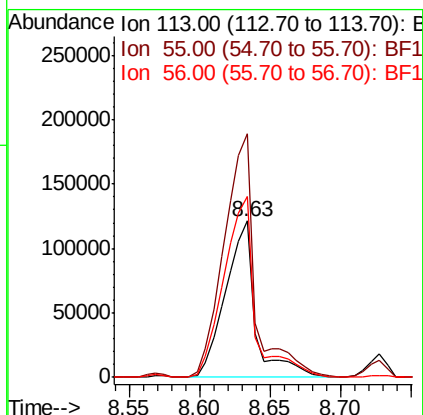
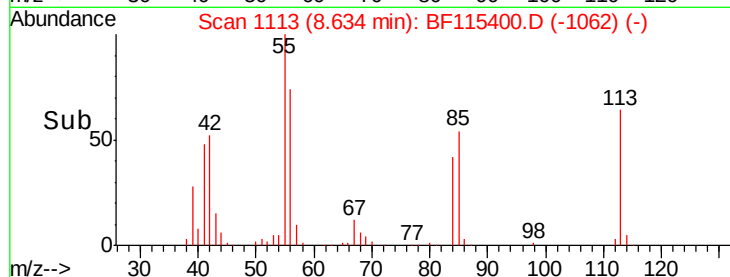
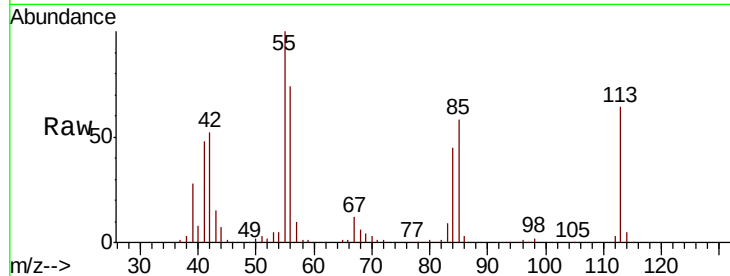




#35
Caprolactam
Concen: 39.236 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

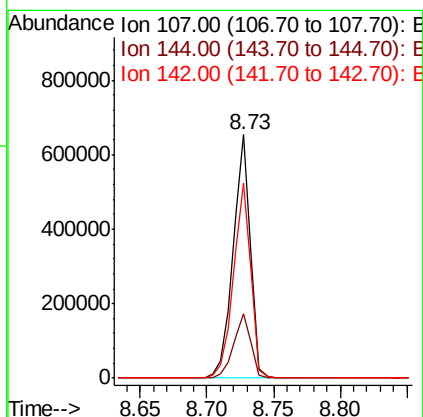
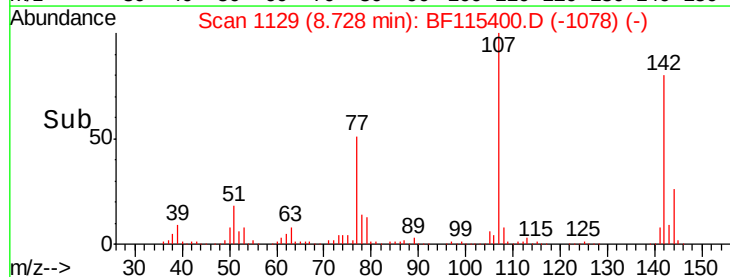
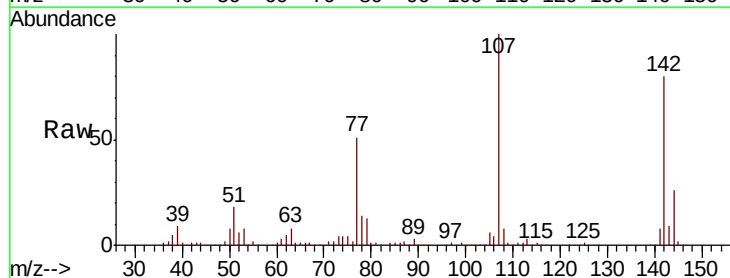
Instrument :
BNA_F
ClientSampled :

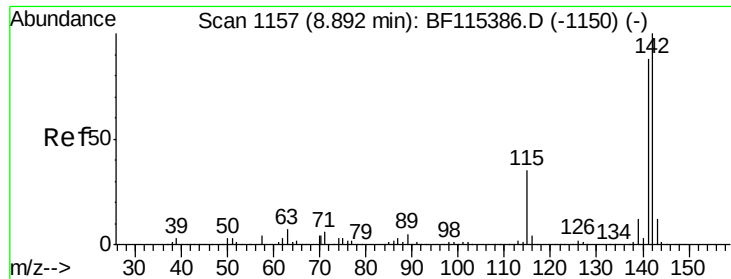
Tot Ion:113 Resp: 181468
Ion Ratio Lower Upper
113 100
55 155.8 135.8 175.8
56 115.4 95.4 135.4



#36
4-Chloro-3-methylphenol
Concen: 39.707 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:107 Resp: 596418
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.2 64.2 96.2

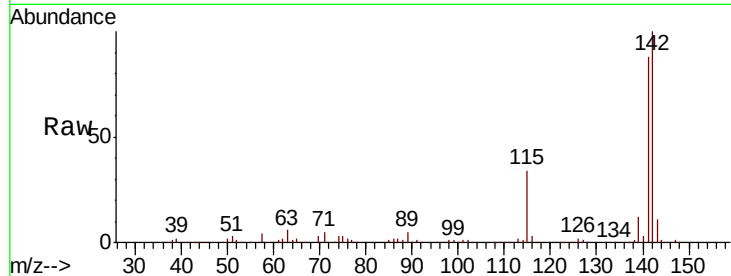




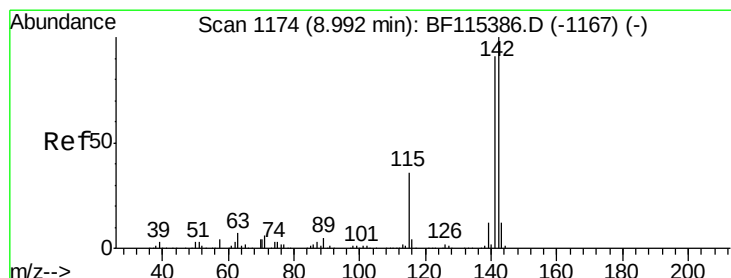
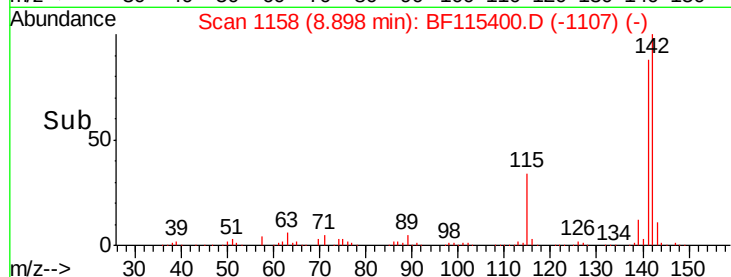
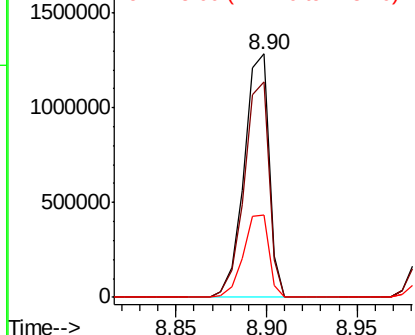
#37
 2-Methylnaphthalene
 Concen: 38.898 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1228718
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.6 106.0
 115 34.0 27.2 40.8

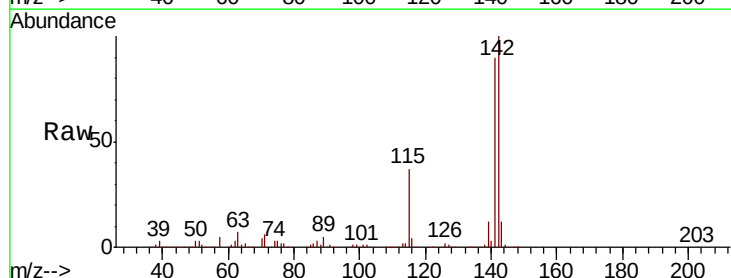


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

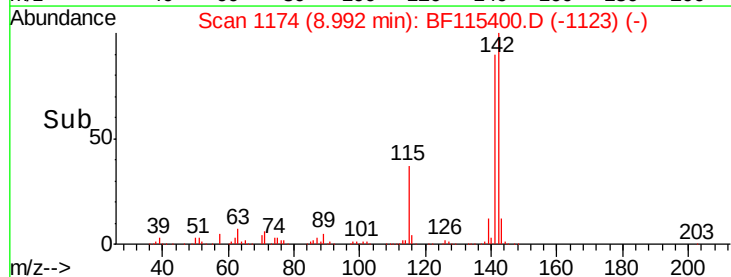
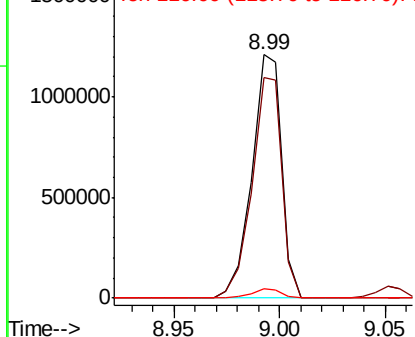


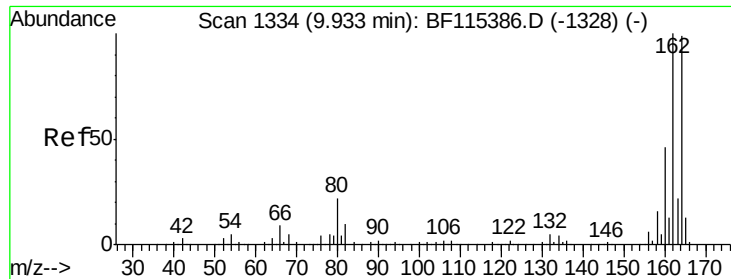
#38
 1-Methylnaphthalene
 Concen: 39.340 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:142 Resp: 1185670
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.3 108.5
 116 3.9 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

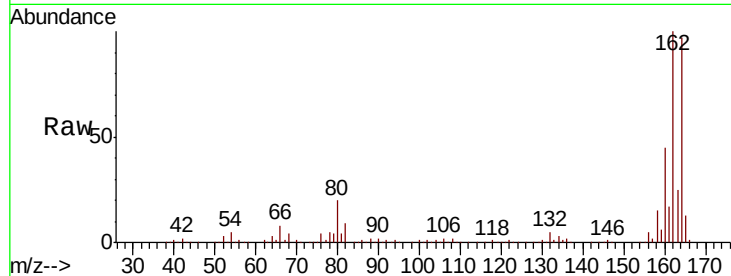




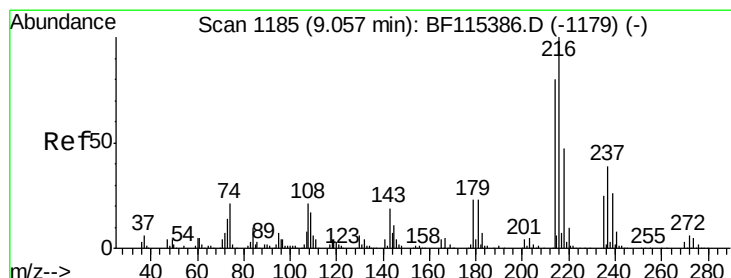
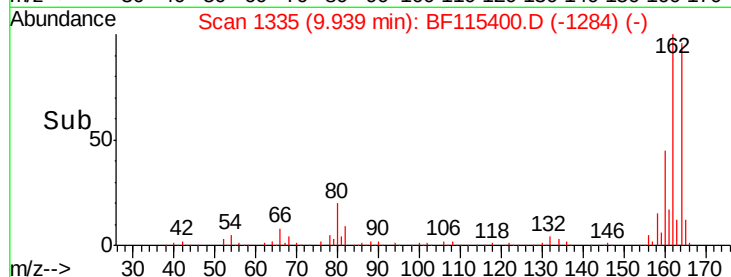
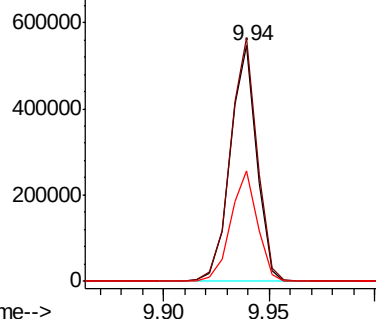
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 475141
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 46.9 37.5 56.3

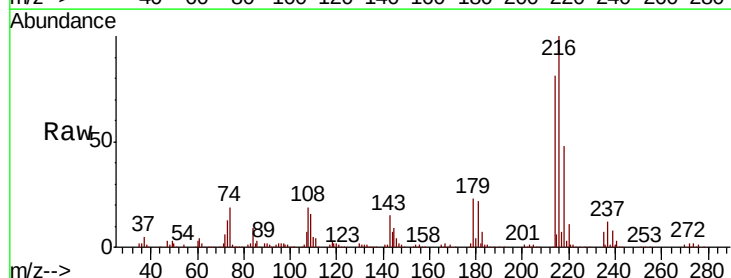


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

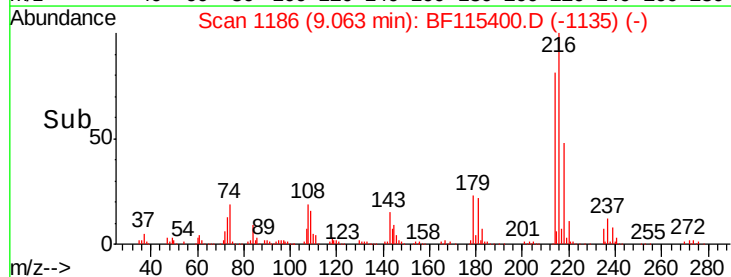
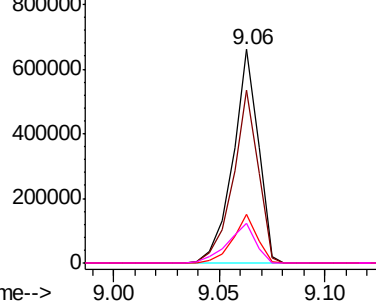


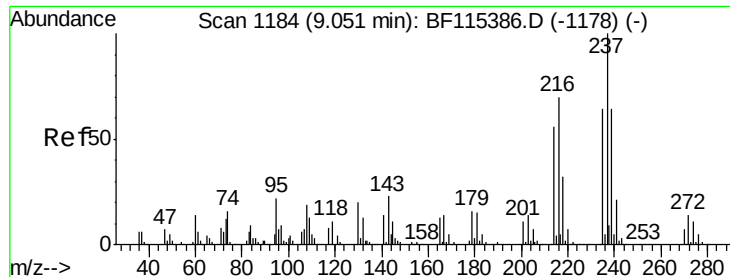
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.478 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:216 Resp: 553301
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.7 95.5
 179 21.9 17.5 26.3
 108 20.8 16.6 25.0



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

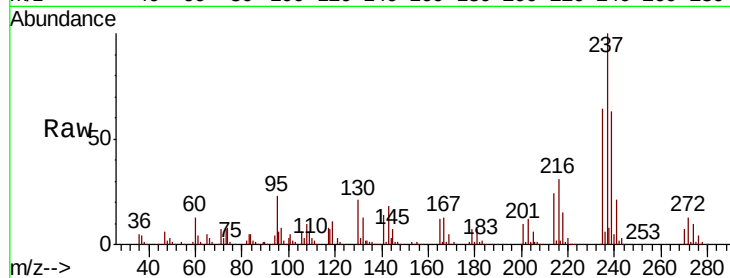




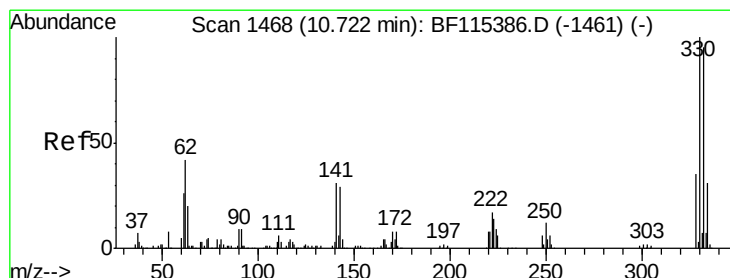
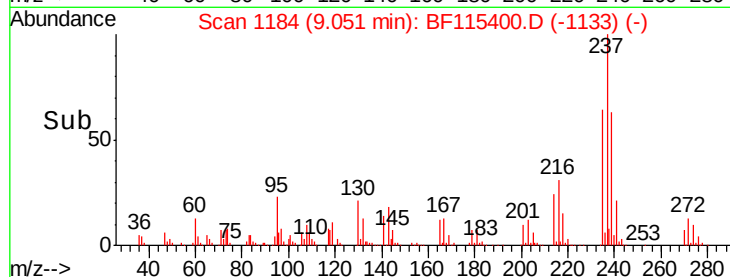
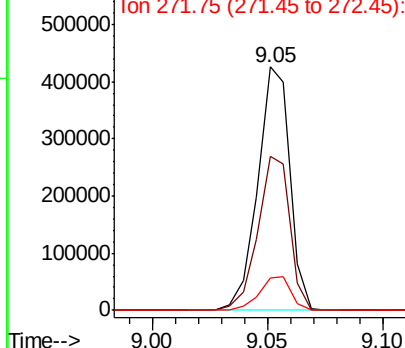
#41
Hexachlorocyclopentadiene
Concen: 52.003 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 411997
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.3 0.0 33.3

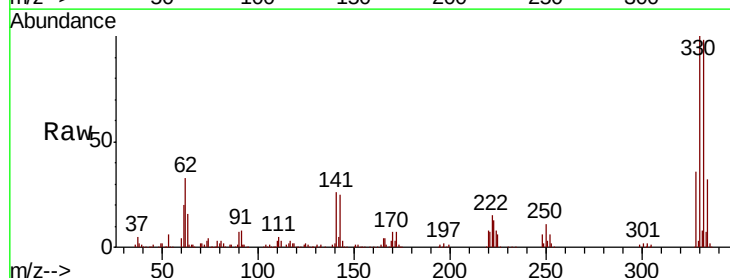


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

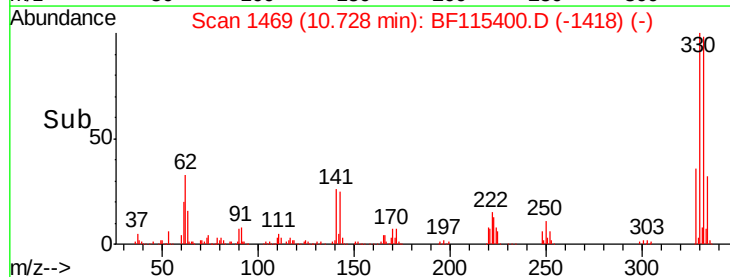
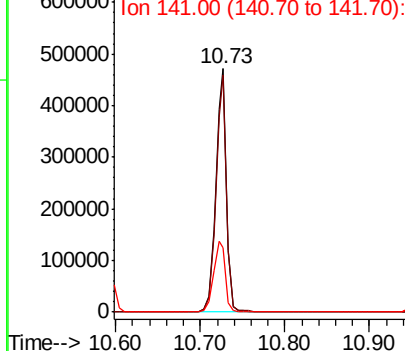


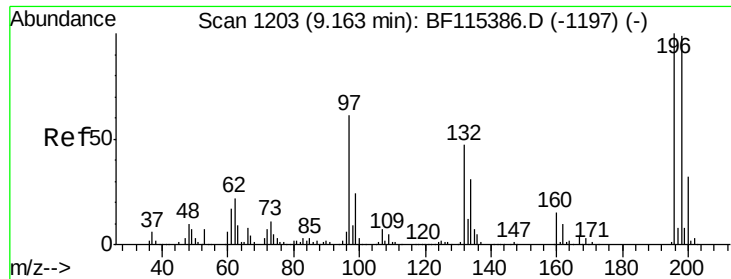
#42
2,4,6-Tribromophenol
Concen: 81.262 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:330 Resp: 426906
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 32.2 25.8 38.6



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

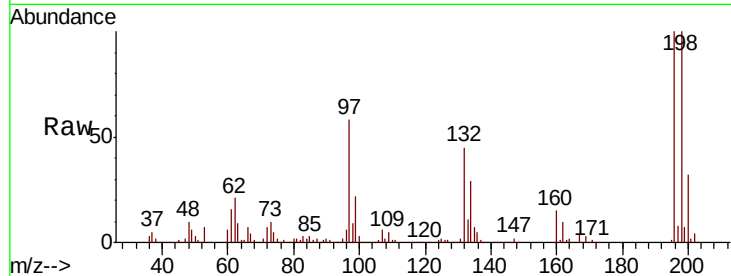




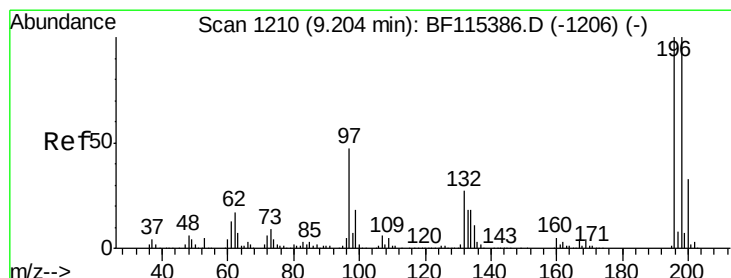
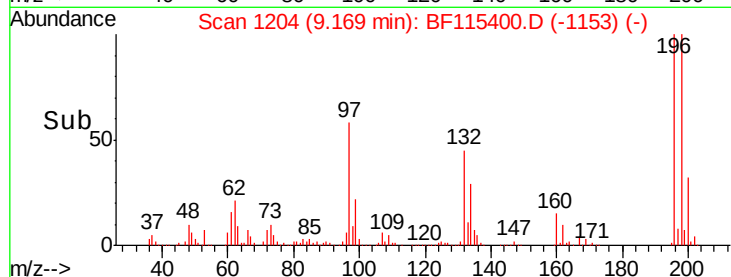
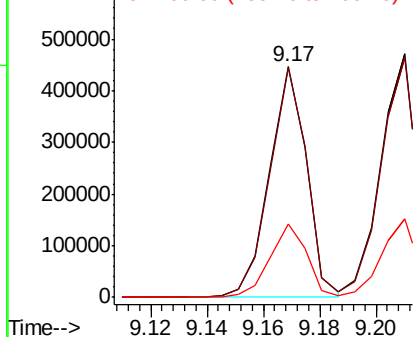
#43
 2,4,6-Trichlorophenol
 Concen: 40.928 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 407292
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.8 119.8
 200 32.0 25.6 38.4

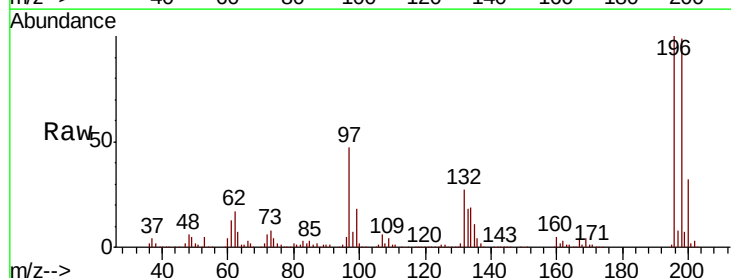


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

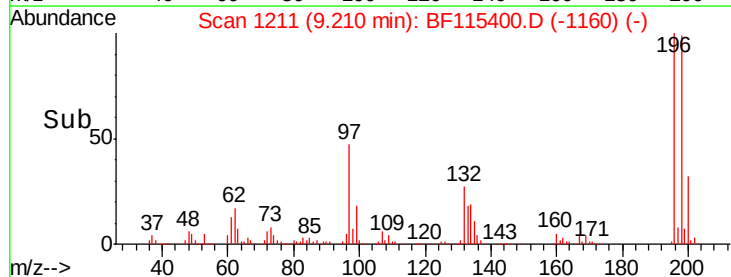
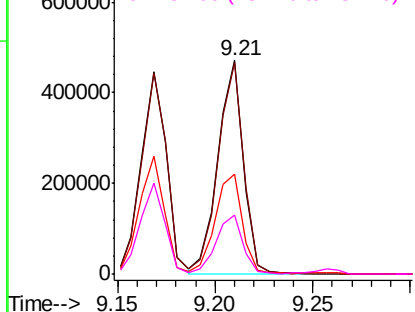


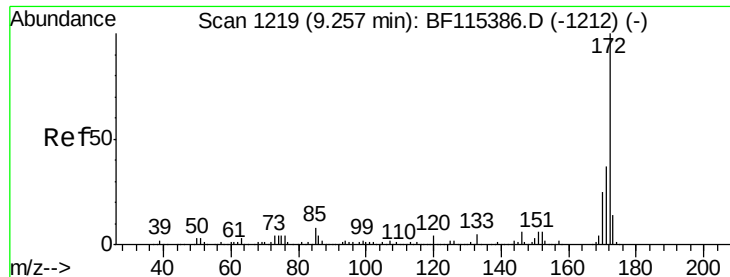
#44
 2,4,5-Trichlorophenol
 Concen: 41.247 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:196 Resp: 425627
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.0 118.4
 97 46.6 37.3 55.9
 132 27.4 21.9 32.9



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



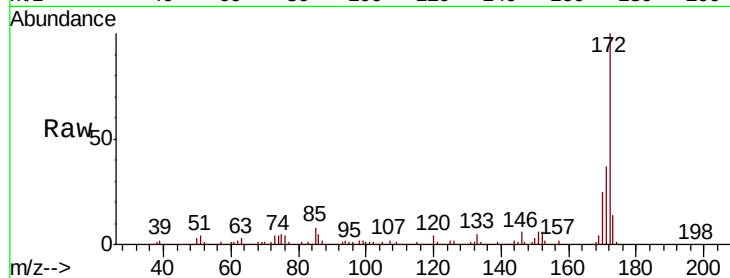


#45
 2-Fluorobiphenyl
 Concen: 80.470 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

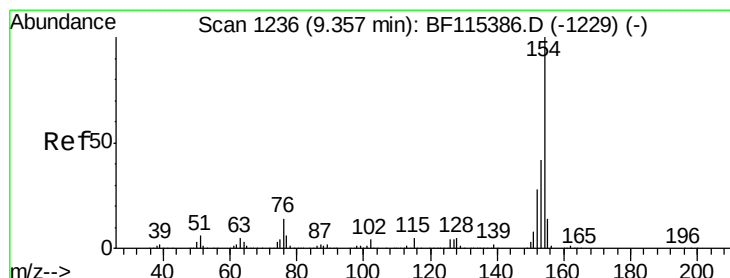
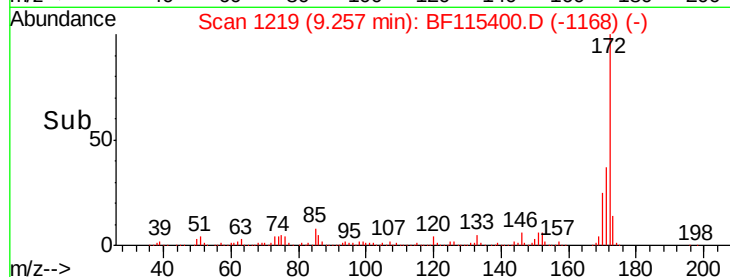
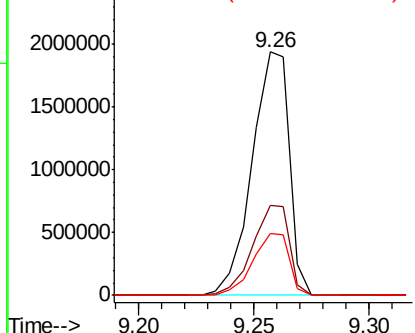
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2178921

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.2	20.2	30.2



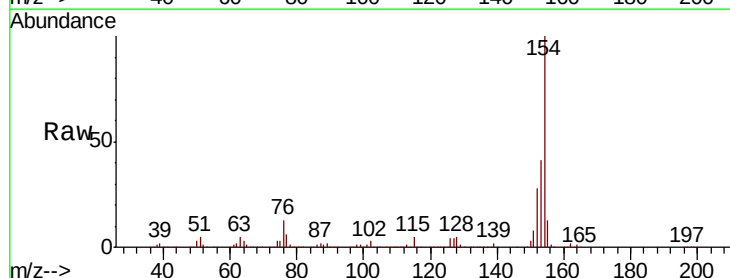
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



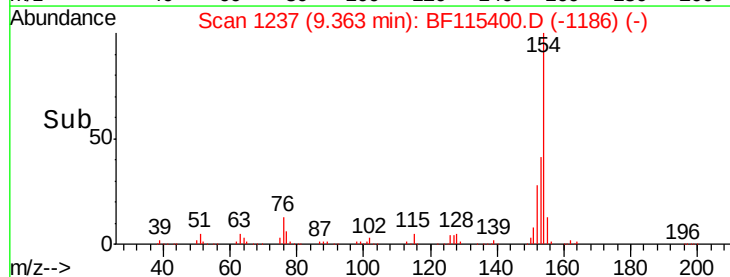
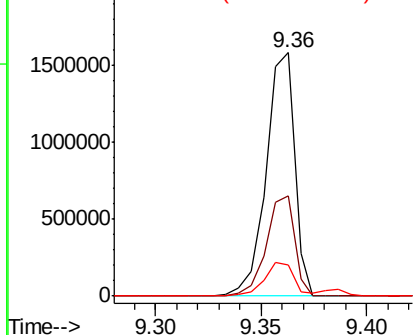
#46
 1,1'-Biphenyl
 Concen: 39.943 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

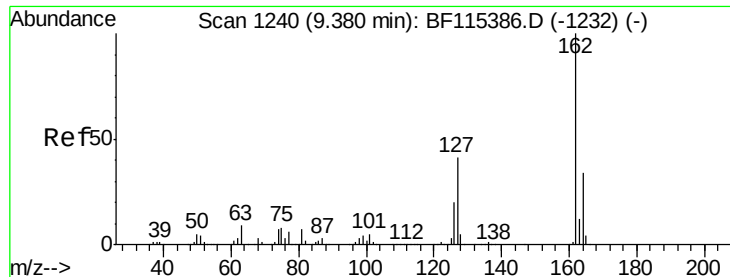
Tgt Ion:154 Resp: 1491997

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.9	0.0	32.9



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

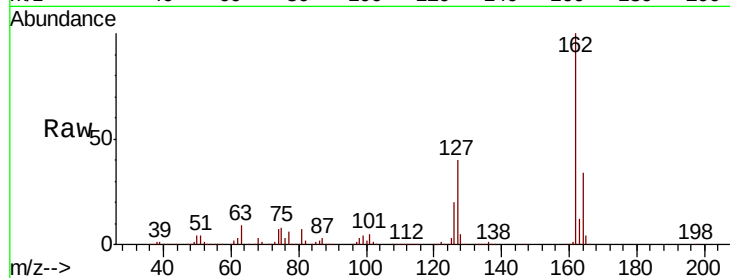




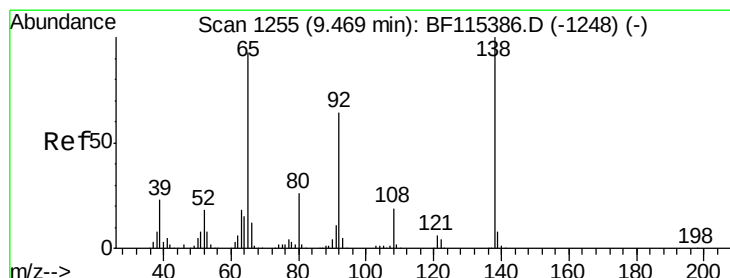
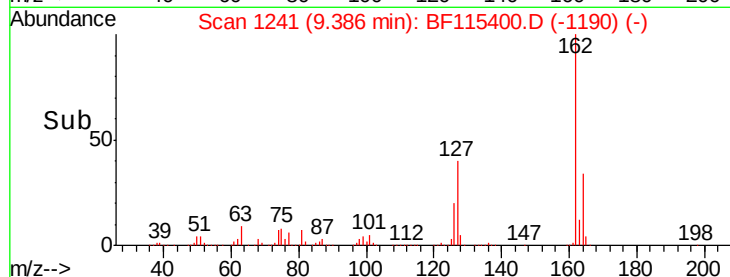
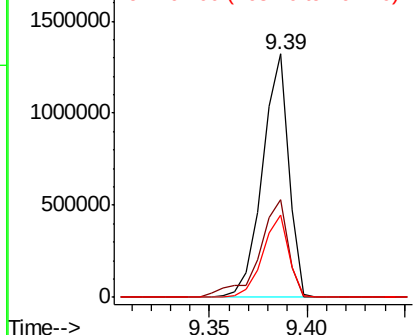
#47
 2-Chloronaphthalene
 Concen: 39.834 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 1229740
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.3 48.5
 164 33.9 27.1 40.7

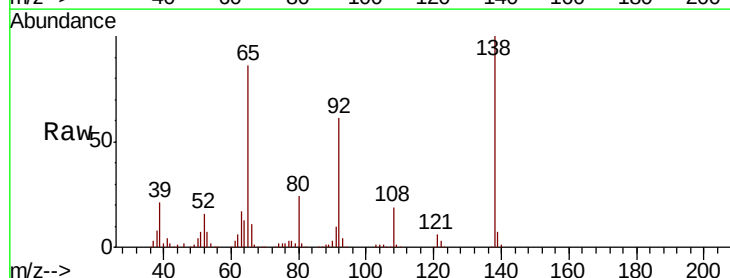


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

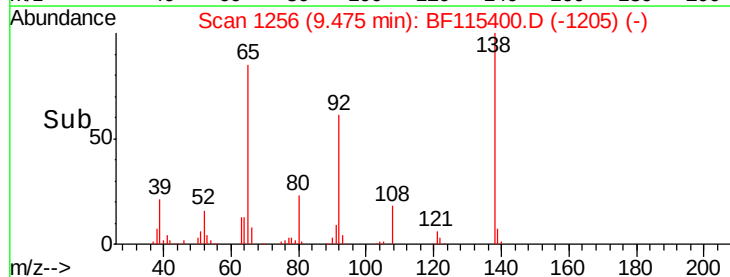
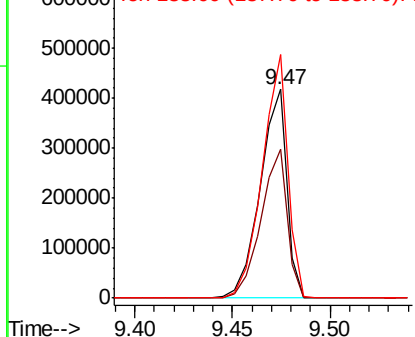


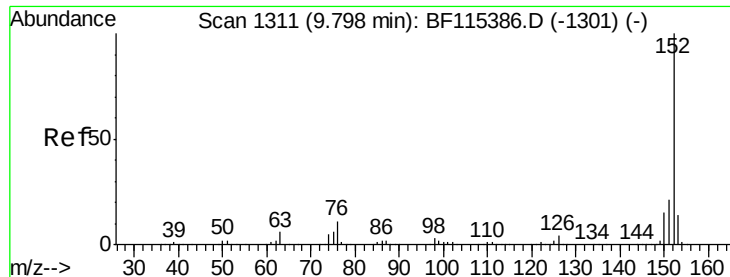
#48
 2-Nitroaniline
 Concen: 43.478 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion: 65 Resp: 394354
 Ion Ratio Lower Upper
 65 100
 92 71.1 56.9 85.3
 138 116.6 93.3 139.9



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: 39.129 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

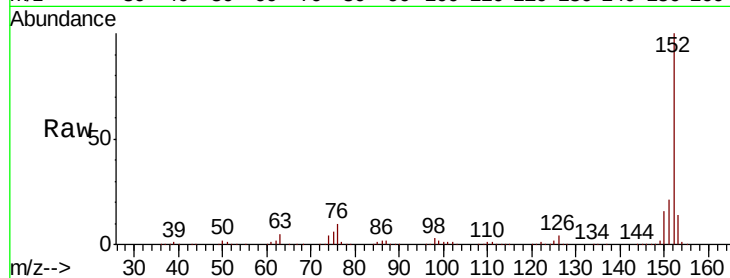
Tot Ion:152 Resp: 1828909

Ion Ratio Lower Upper

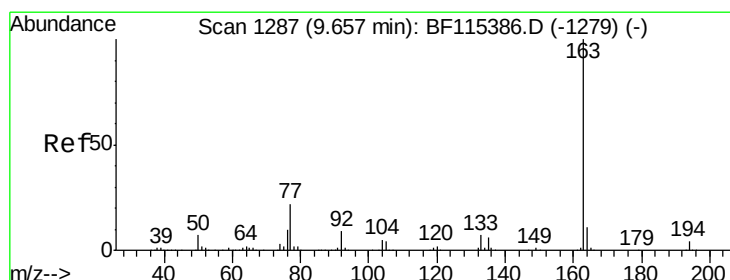
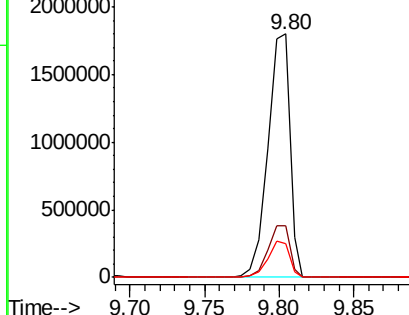
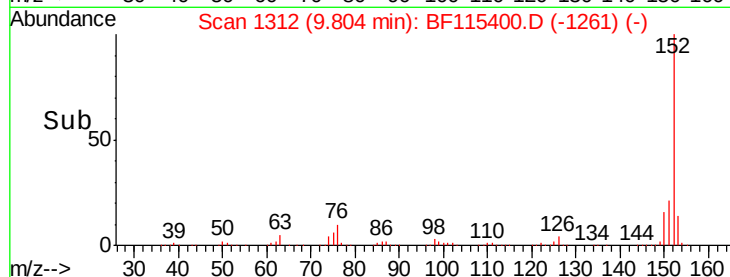
152 100

151 21.1 16.9 25.3

153 14.0 11.2 16.8



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: 39.772 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

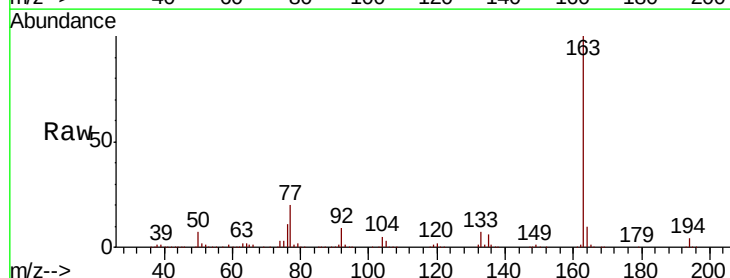
Tgt Ion:163 Resp: 1418387

Ion Ratio Lower Upper

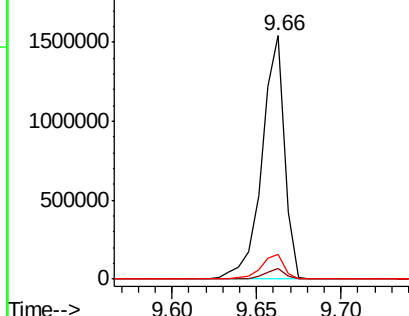
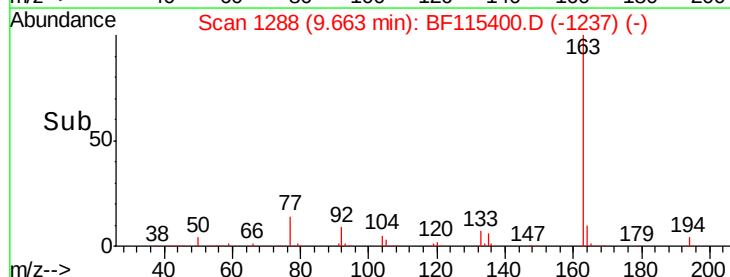
163 100

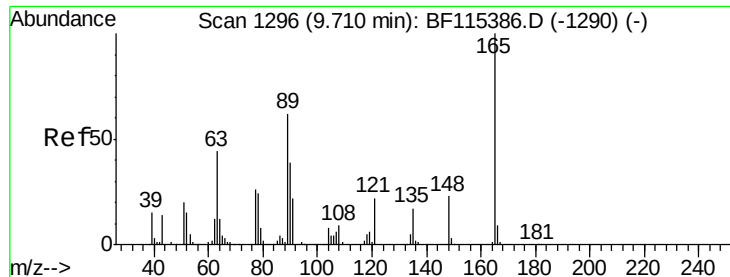
194 4.1 3.3 4.9

164 10.4 8.3 12.5



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

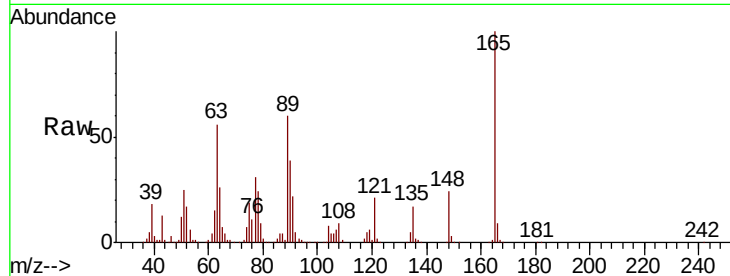




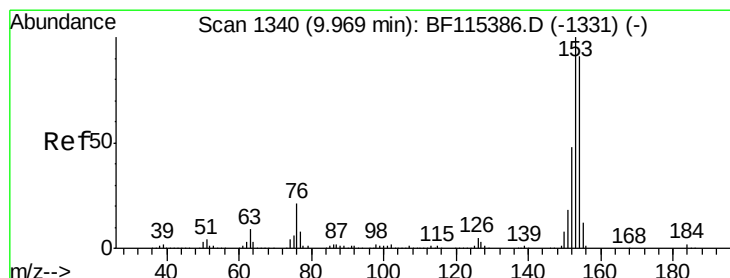
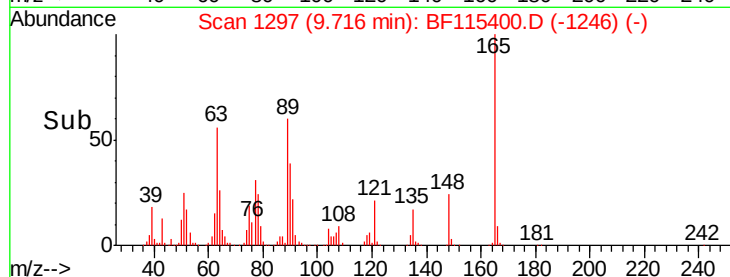
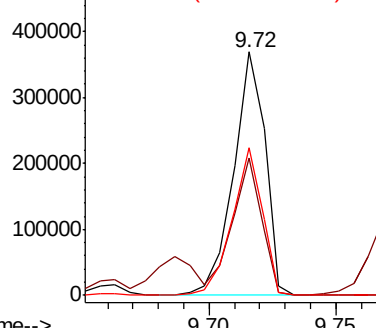
#51
 2,6-Dinitrotoluene
 Concen: 41.766 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	45.1	67.7
89	60.4	48.3	72.5

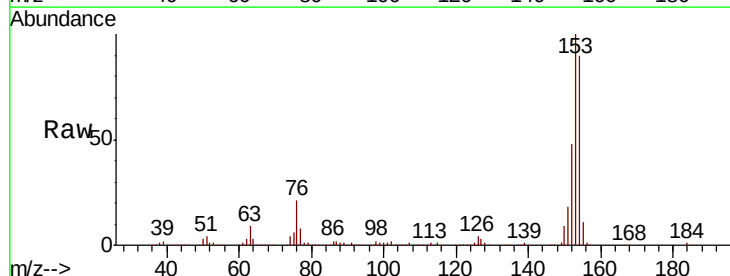


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

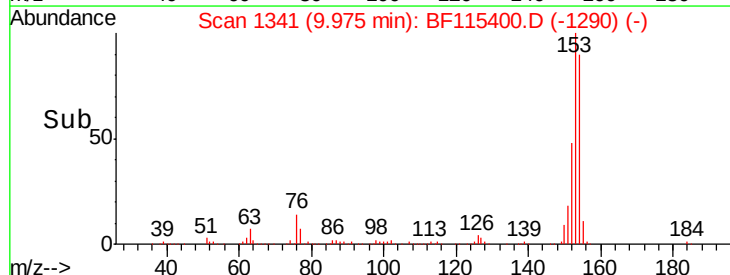
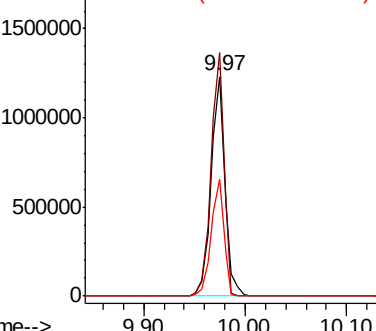


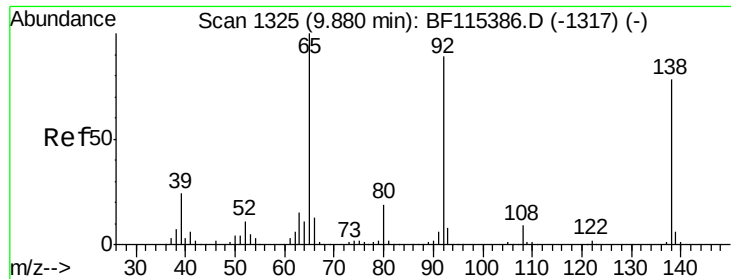
#52
 Acenaphthene
 Concen: 39.390 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	133.0
152	53.1	42.5	63.7



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

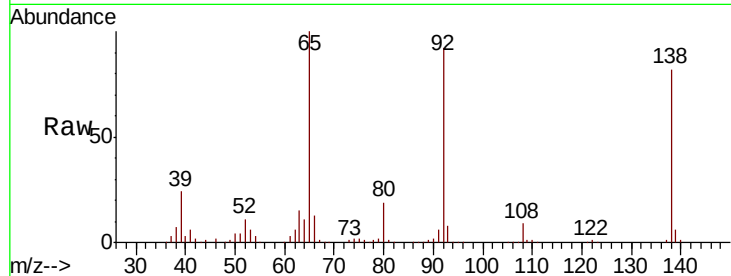




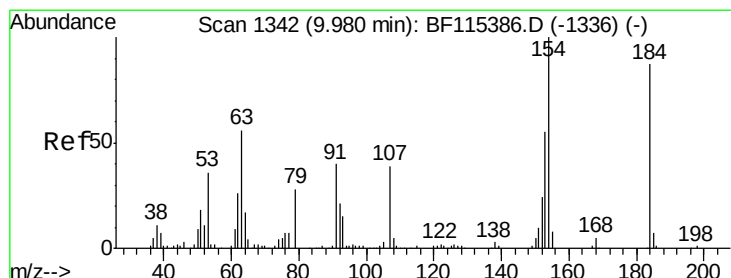
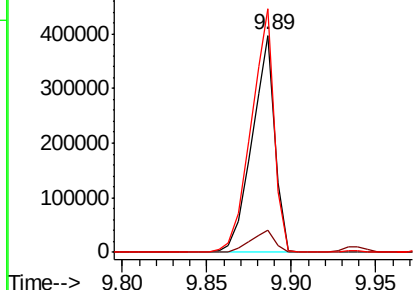
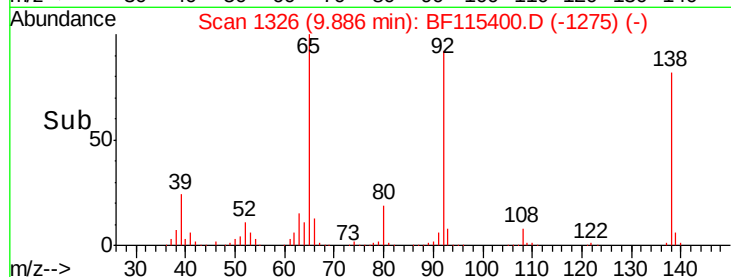
#53
3-Nitroaniline
Concen: 41.730 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 374872
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 112.0 89.6 134.4

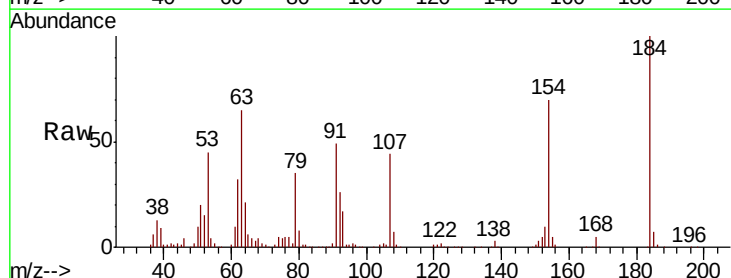


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

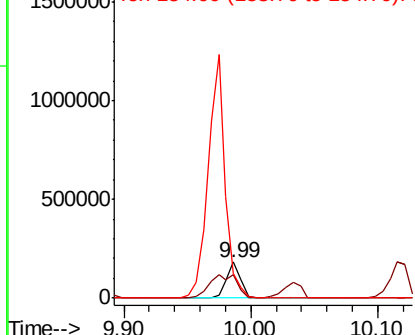
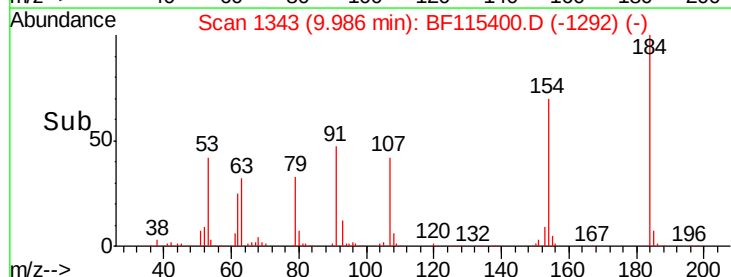


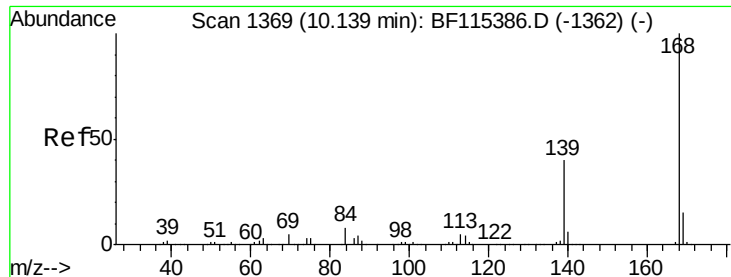
#54
2,4-Dinitrophenol
Concen: 46.571 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:184 Resp: 140071
Ion Ratio Lower Upper
184 100
63 64.6 51.7 77.5
154 69.8 55.8 83.8



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

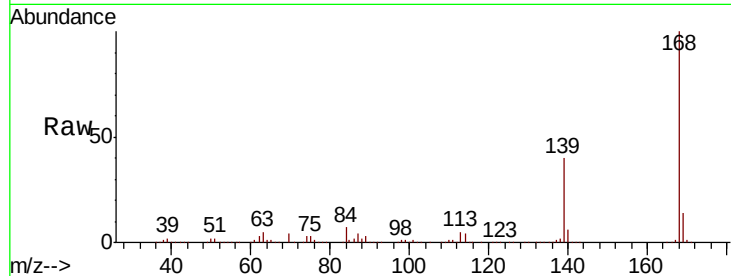




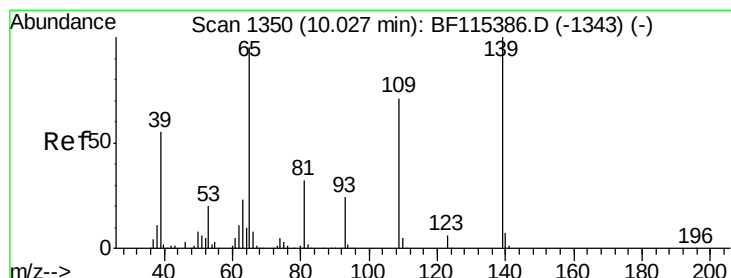
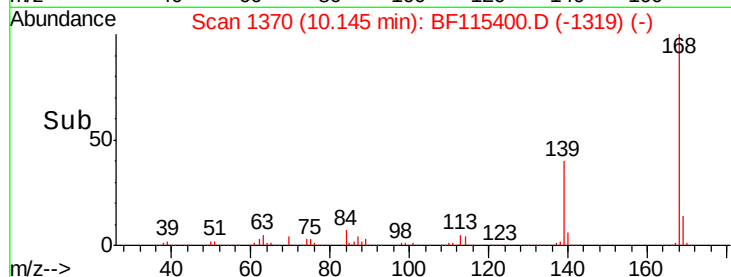
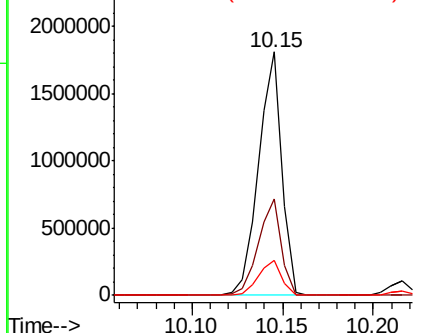
#55
Dibenzofuran
Concen: 38.742 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1605375
Ion Ratio Lower Upper
168 100
139 39.6 31.7 47.5
169 14.2 11.4 17.0

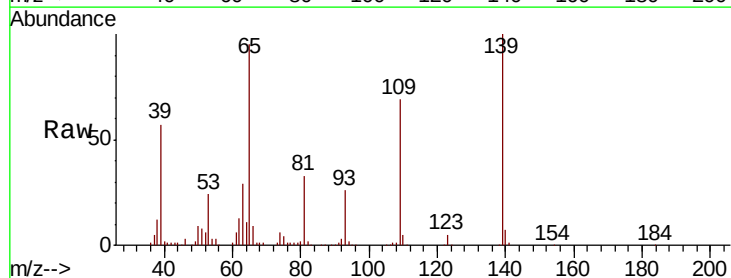


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

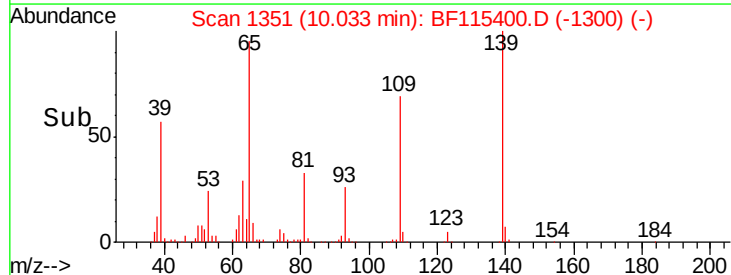
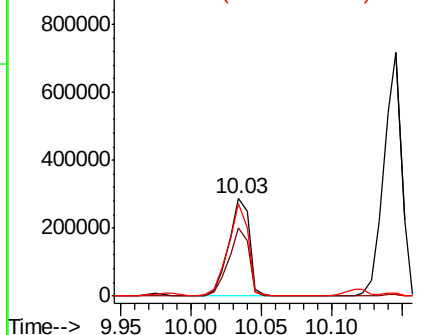


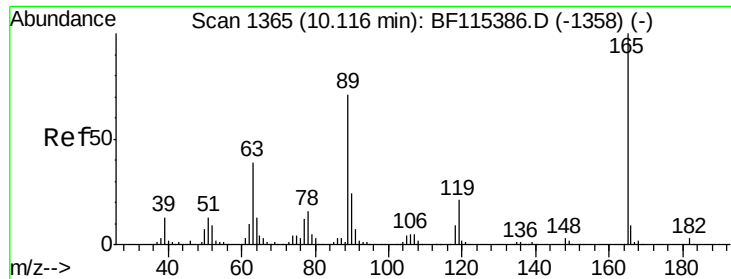
#56
4-Nitrophenol
Concen: 42.482 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:139 Resp: 295258
Ion Ratio Lower Upper
139 100
109 69.3 49.3 89.3
65 95.1 75.1 115.1



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

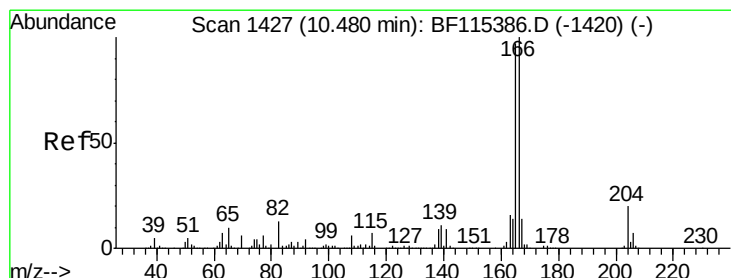
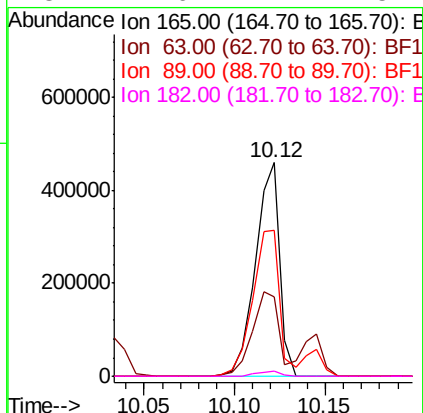
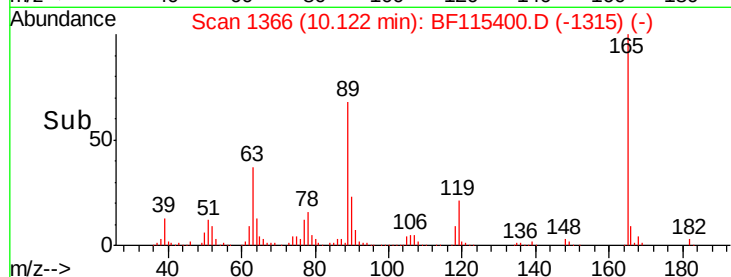
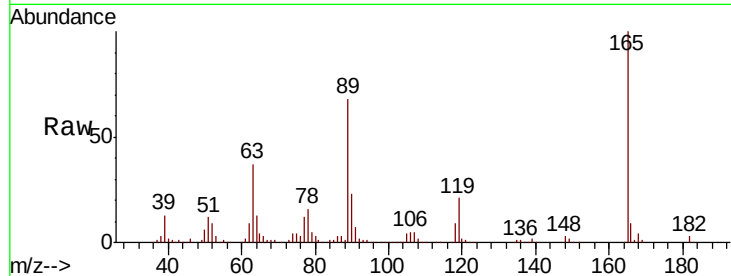




#57
2,4-Dinitrotoluene
Concen: 43.143 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

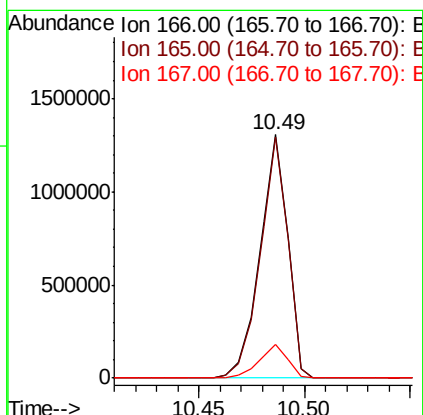
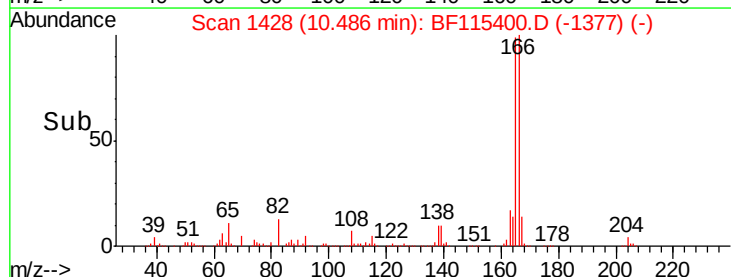
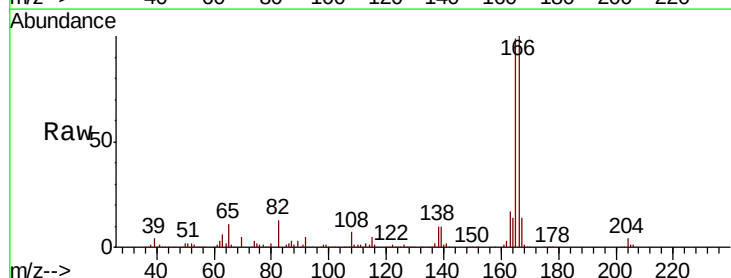
Instrument :
BNA_F
ClientSampled :

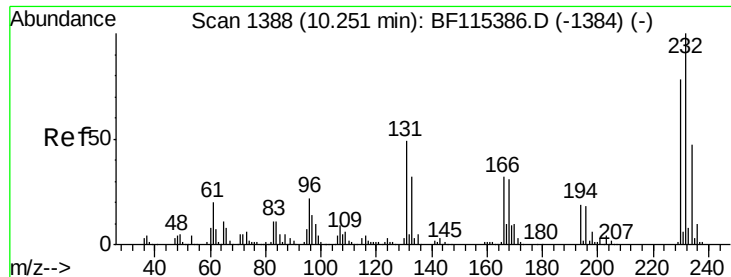
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.0	45.0
89	68.5	54.8	82.2
182	2.6	2.1	3.1



#58
Fluorene
Concen: 36.501 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	14.0	11.2	16.8

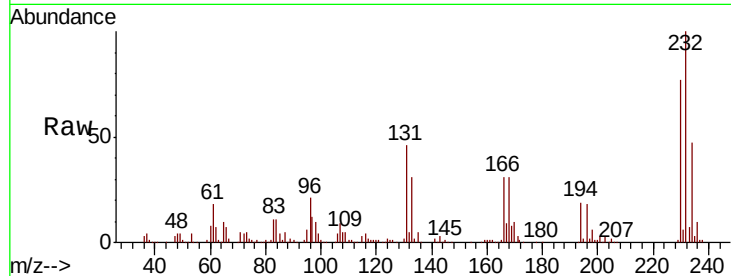




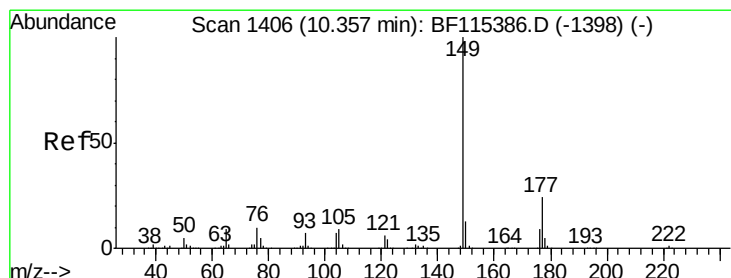
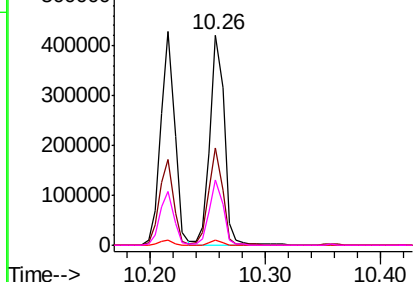
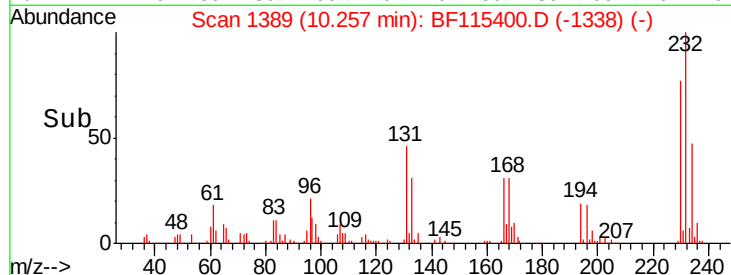
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.065 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 366065
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.2 1.8 2.6
166 30.0 24.0 36.0

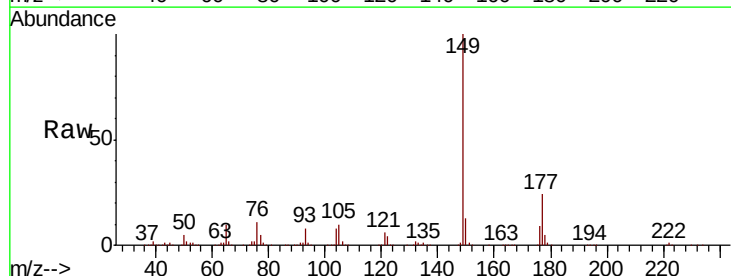


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

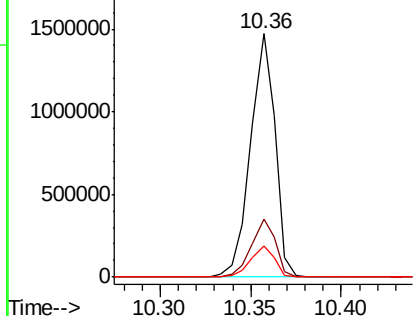
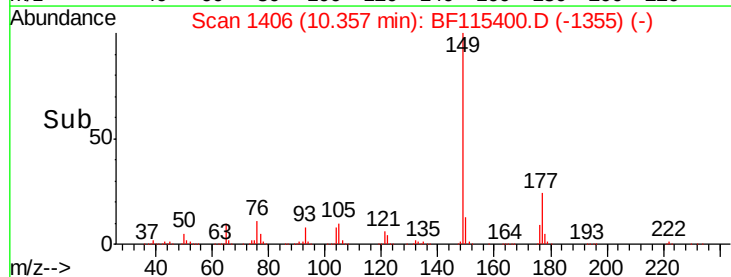


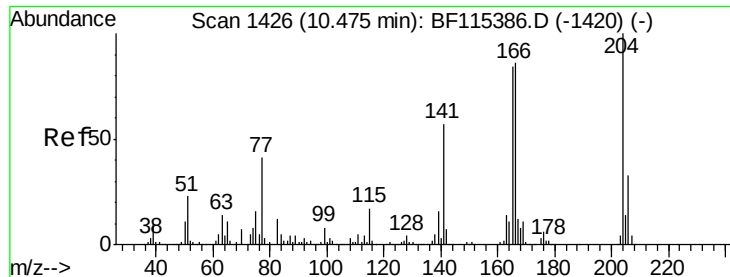
#60
Diethylphthalate
Concen: 39.447 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:149 Resp: 1384683
Ion Ratio Lower Upper
149 100
177 23.7 19.0 28.4
150 13.0 10.4 15.6



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

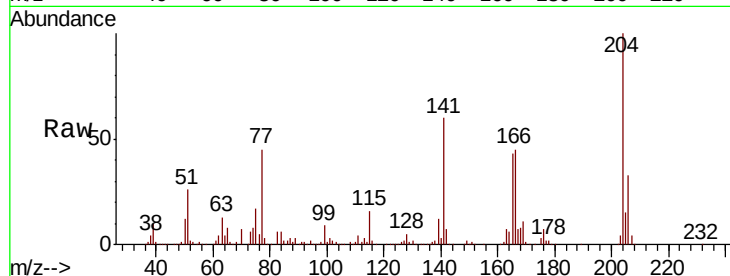




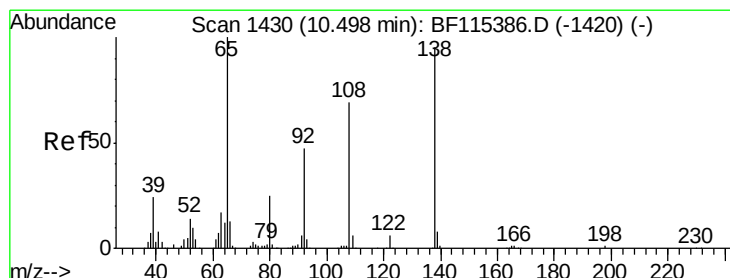
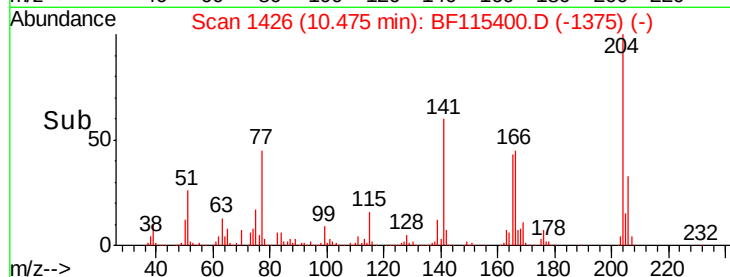
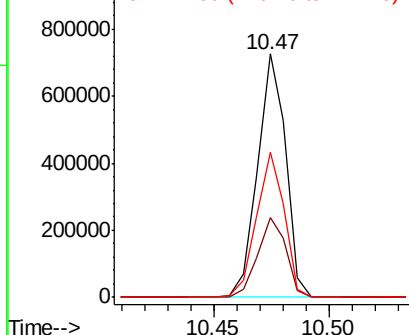
#61
4-Chlorophenyl-phenylether
Concen: 38.642 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 616087
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 59.6 47.7 71.5

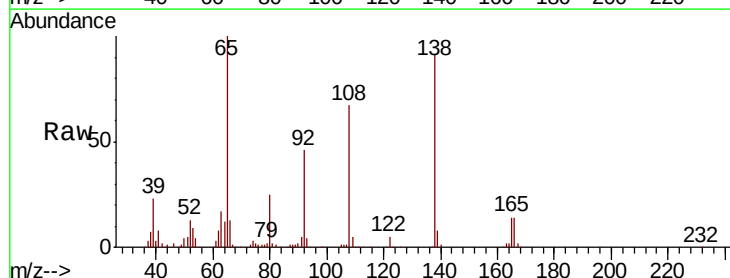


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

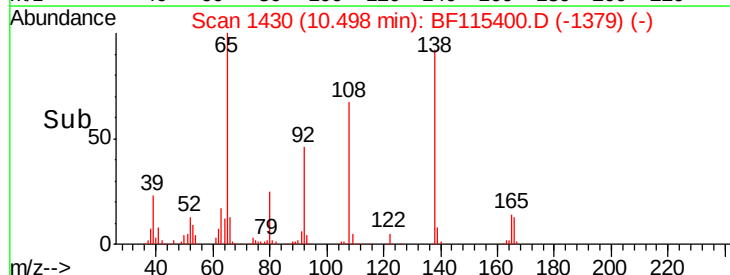
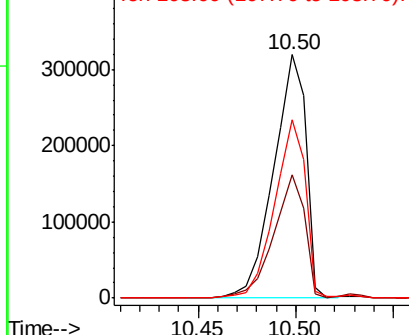


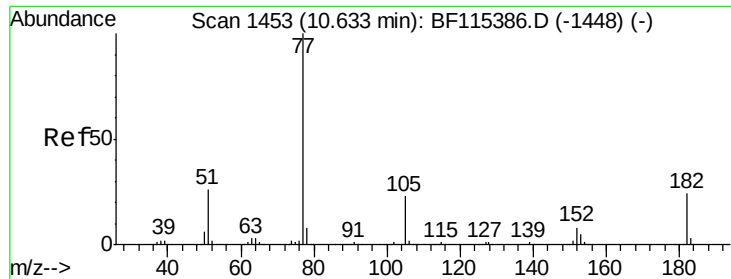
#62
4-Nitroaniline
Concen: 41.657 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:138 Resp: 367317
Ion Ratio Lower Upper
138 100
92 50.6 30.6 70.6
108 73.3 53.3 93.3



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: 38.569 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

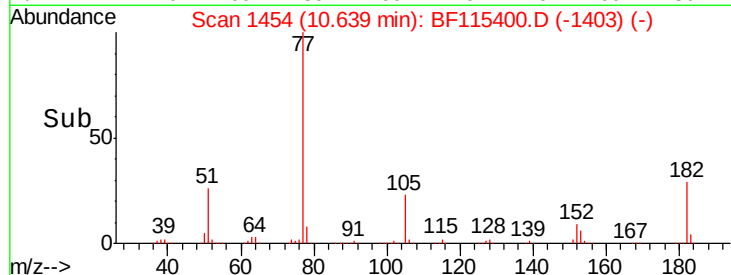
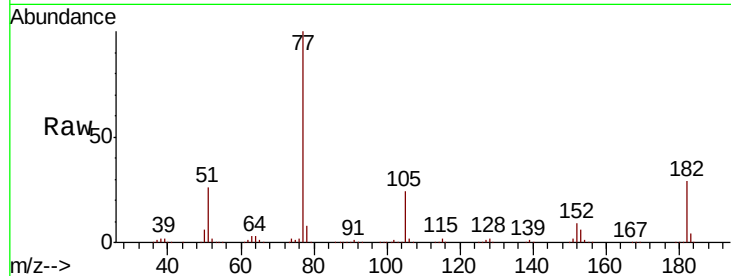
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1395598

Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.8	48.8
105	23.9	3.9	43.9
51	26.0	6.0	46.0

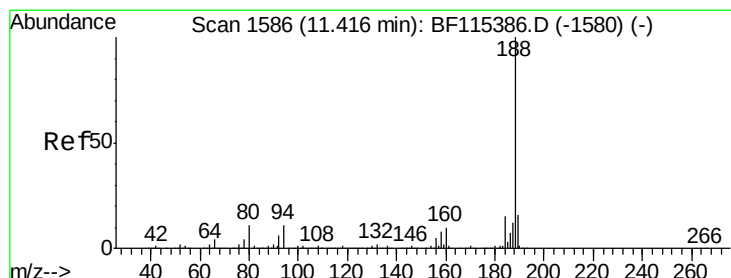


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

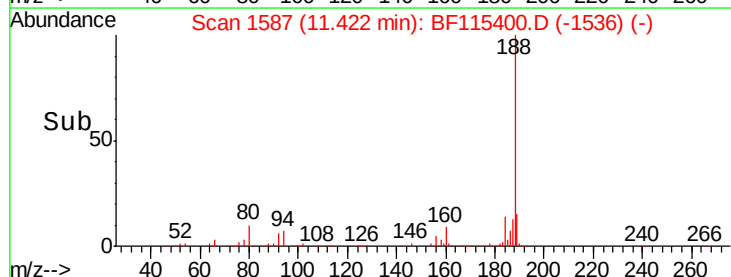
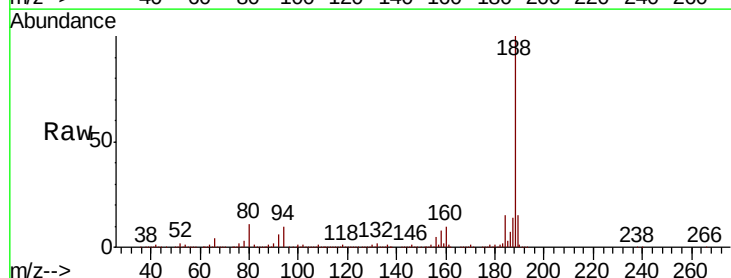
Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Tgt Ion: 188 Resp: 902527

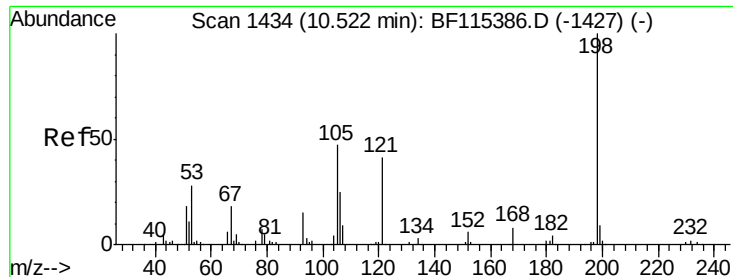
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.6	8.5	12.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 45.511 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

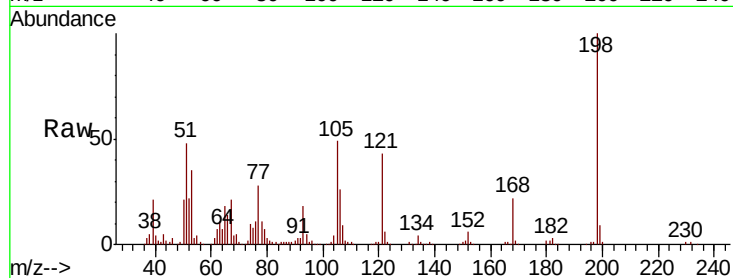
Tot Ion:198 Resp: 194574

Ion Ratio Lower Upper

198 100

51 48.1 28.1 68.1

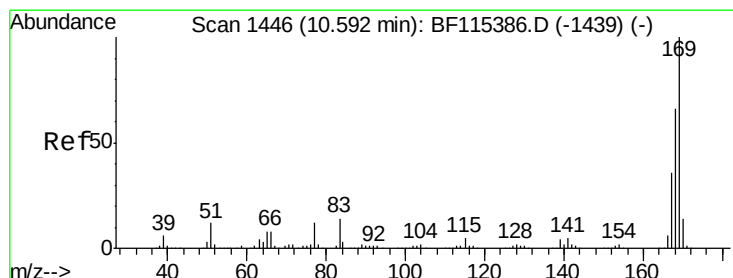
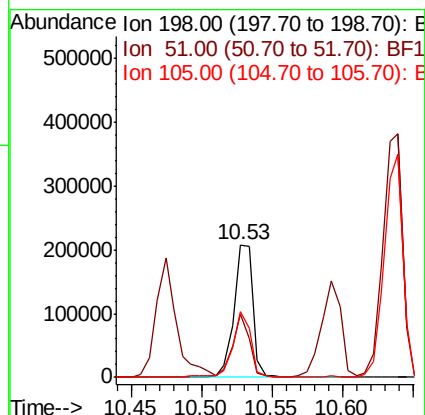
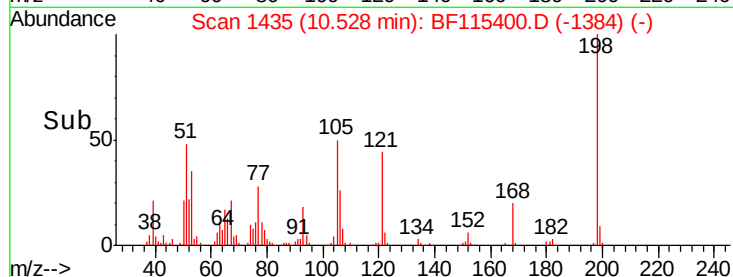
105 49.4 29.4 69.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.262 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

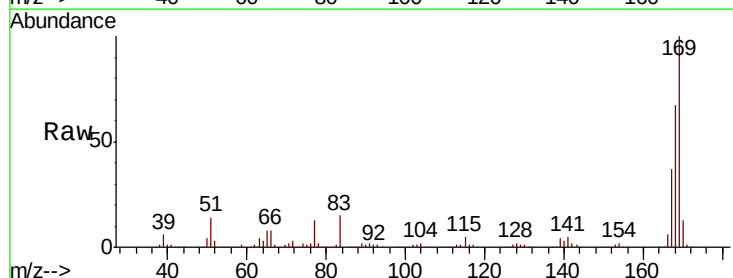
Tgt Ion:169 Resp: 1144938

Ion Ratio Lower Upper

169 100

168 67.0 53.6 80.4

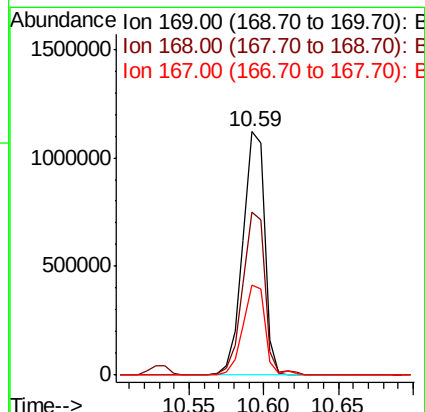
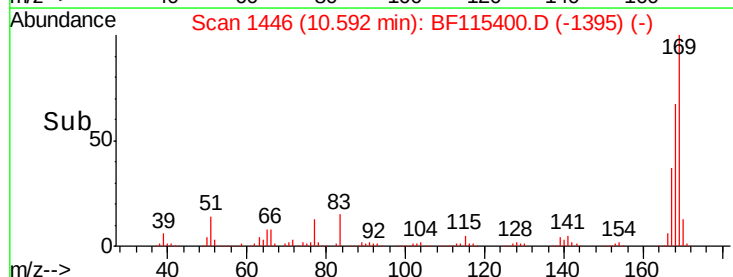
167 36.9 29.5 44.3

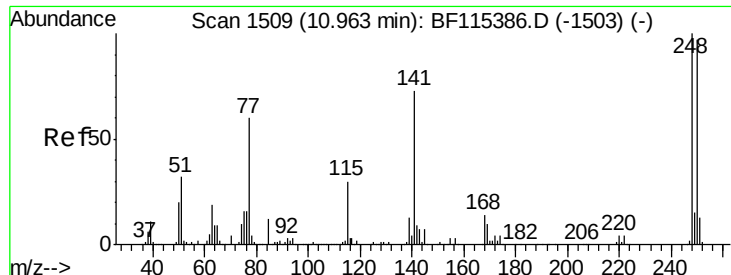


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

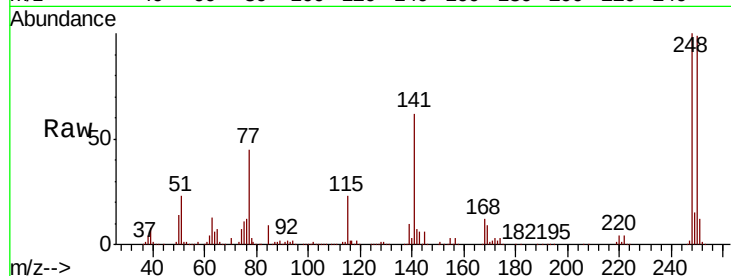




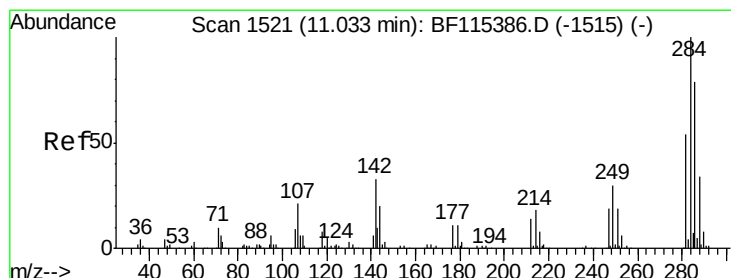
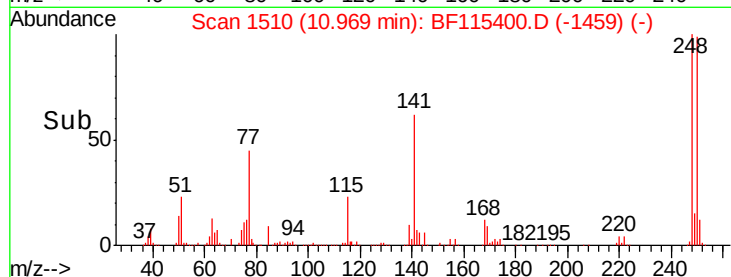
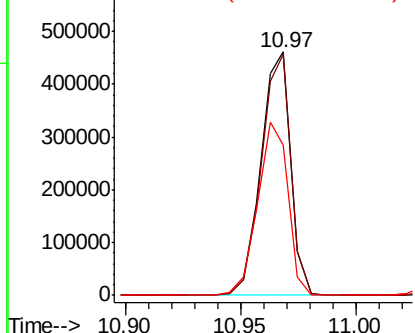
#67
4-Bromophenyl-phenylether
Concen: 40.870 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 413887
Ion Ratio Lower Upper
248 100
250 98.9 79.1 118.7
141 61.8 49.4 74.2

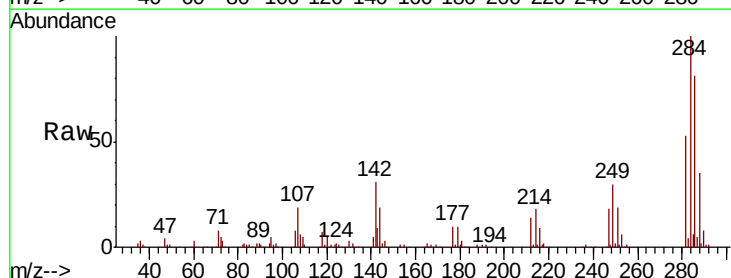


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

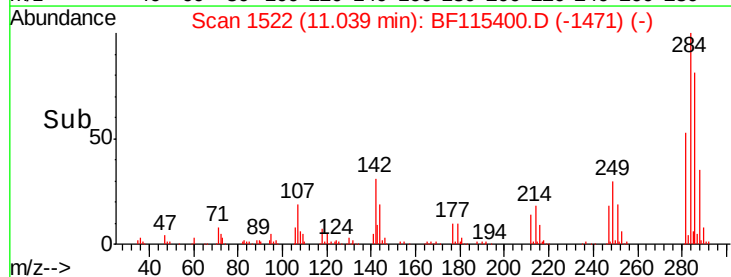
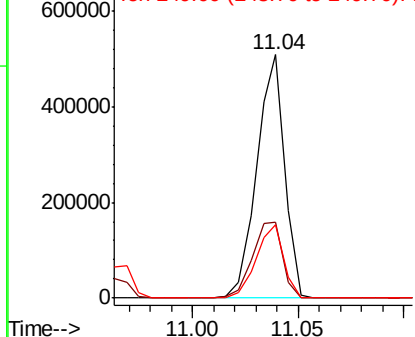


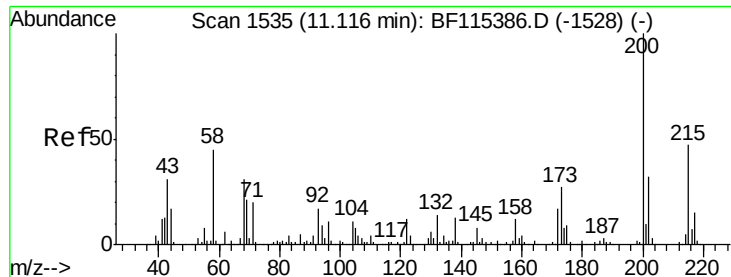
#68
Hexachlorobenzene
Concen: 40.998 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:284 Resp: 465895
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 30.0 24.0 36.0



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

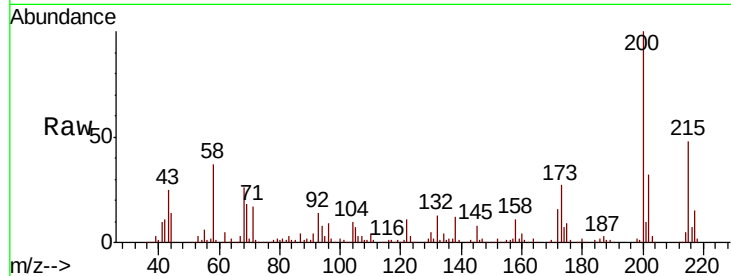




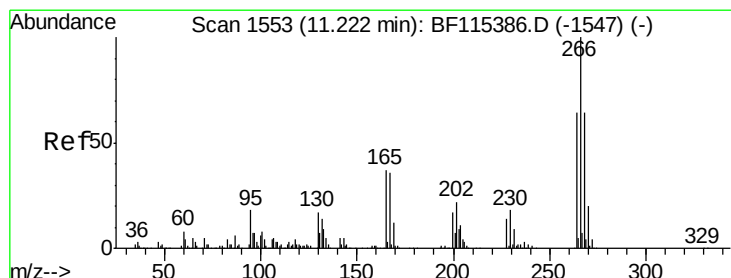
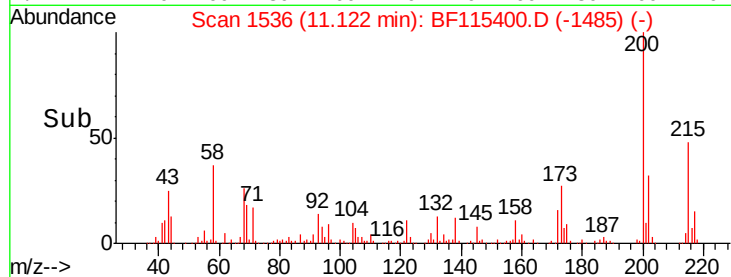
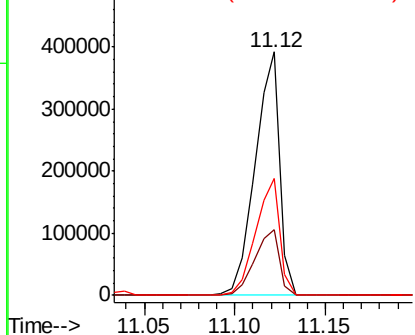
#69
 Atrazine
 Concen: 41.662 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 366652
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.8 46.8
 215 47.8 27.8 67.8

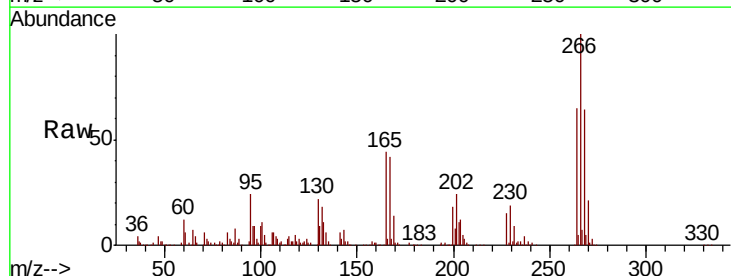


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

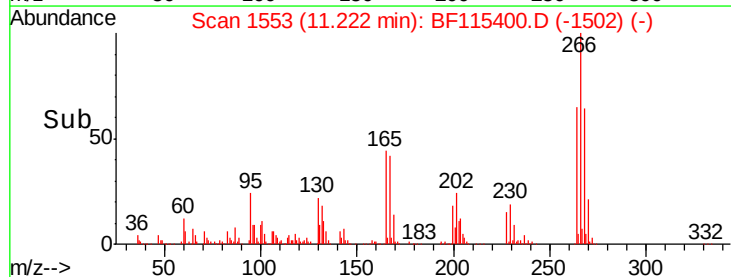
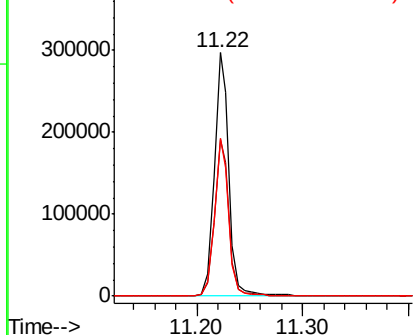


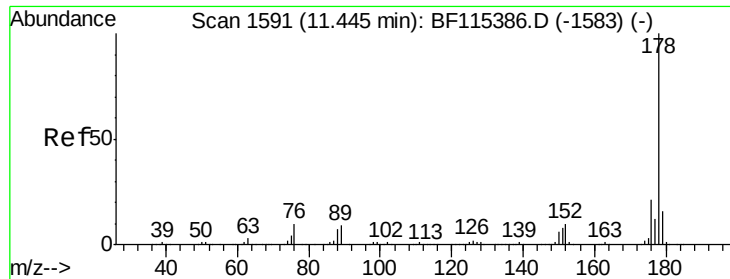
#70
 Pentachlorophenol
 Concen: 42.147 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:266 Resp: 291889
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.4 77.0
 264 64.7 51.8 77.6



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: 39.170 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

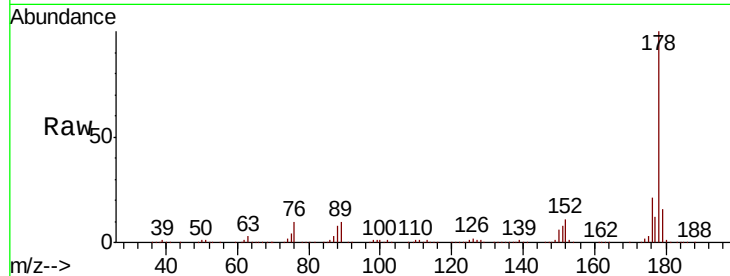
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1859224

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	16.3	13.0	19.6

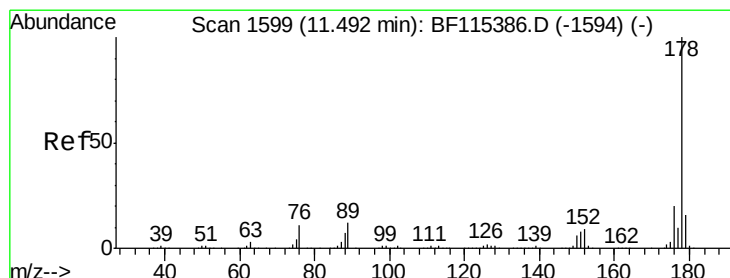
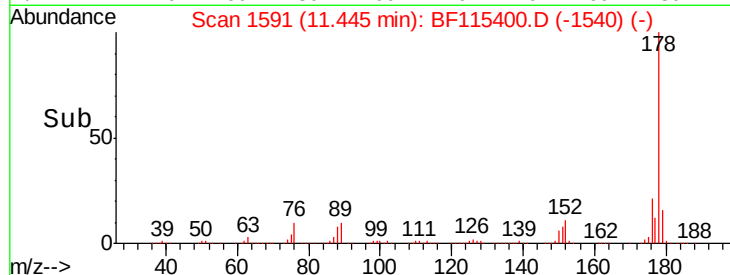
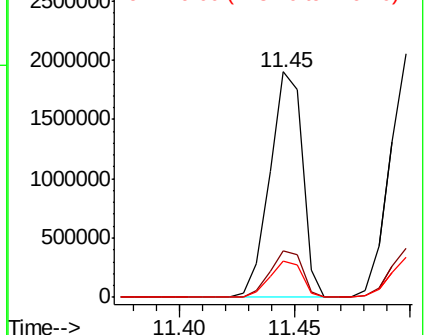


Abundance

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: 39.360 ng

RT: 11.50 min Scan# 1600

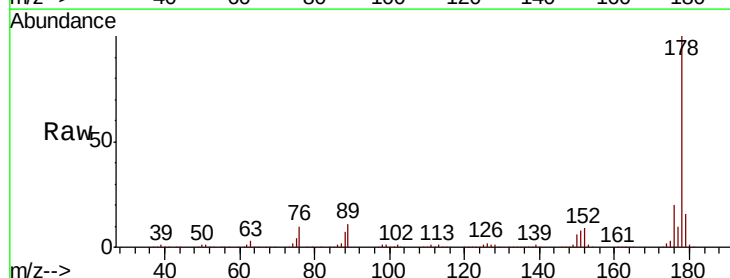
Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Tgt Ion:178 Resp: 1873434

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.5	13.2	19.8

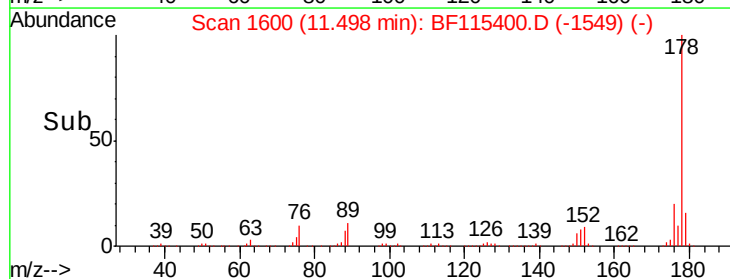
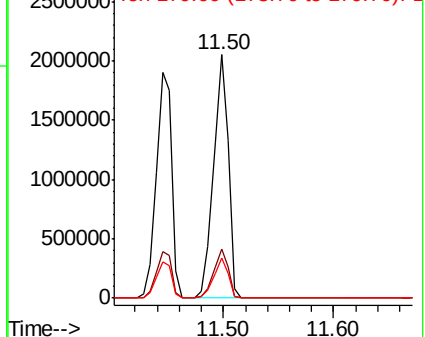


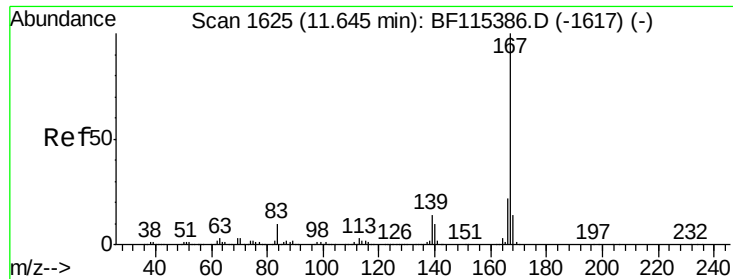
Abundance

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



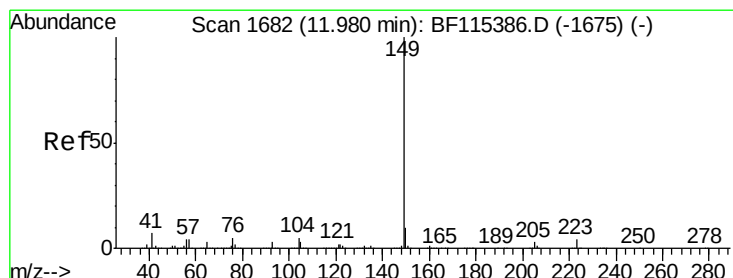
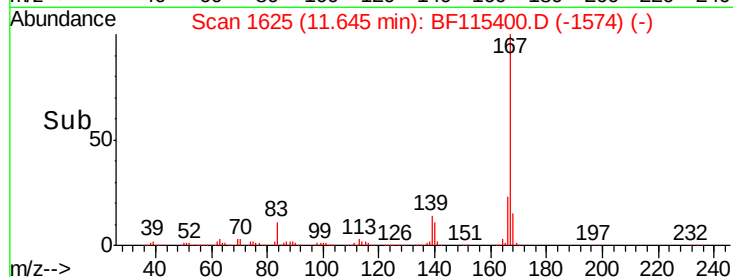
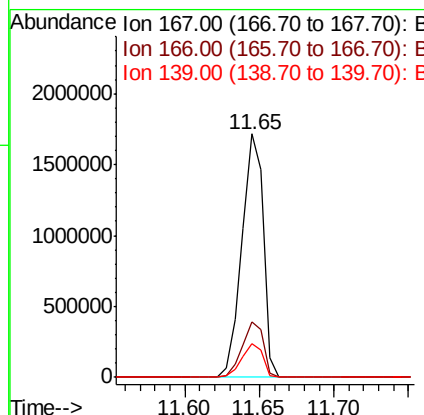
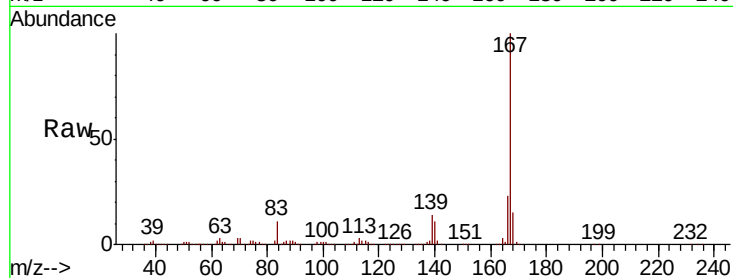


#73
 Carbazole
 Concen: 39.440 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1717397

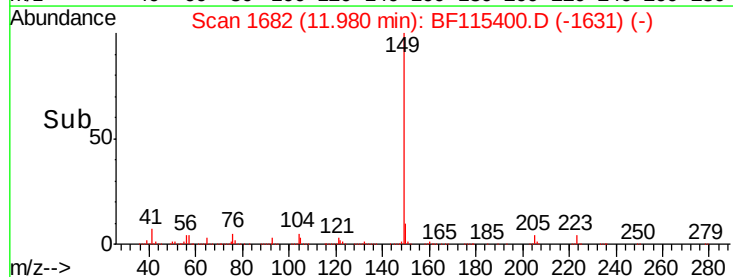
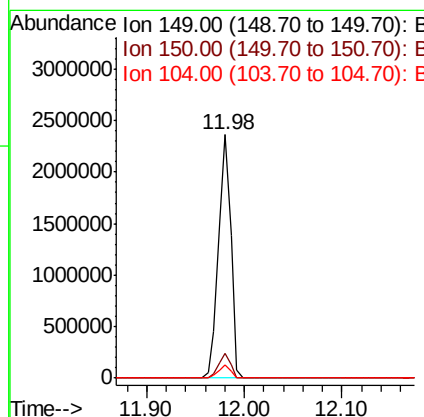
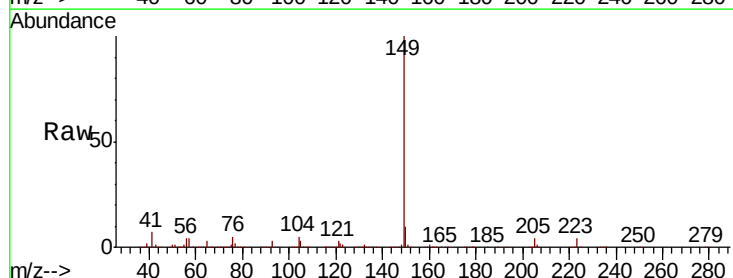
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	14.0	11.2	16.8

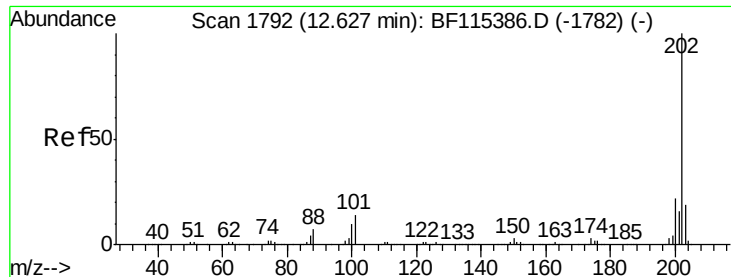


#74
 Di-n-butylphthalate
 Concen: 39.553 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:149 Resp: 2081523

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.5	4.4	6.6





#75

Fluoranthene

Concen: 39.000 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

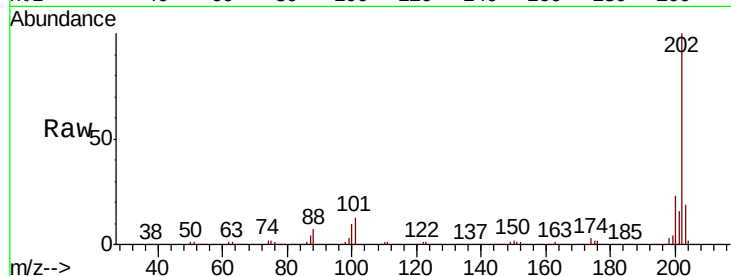
Tot Ion:202 Resp: 1949149

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

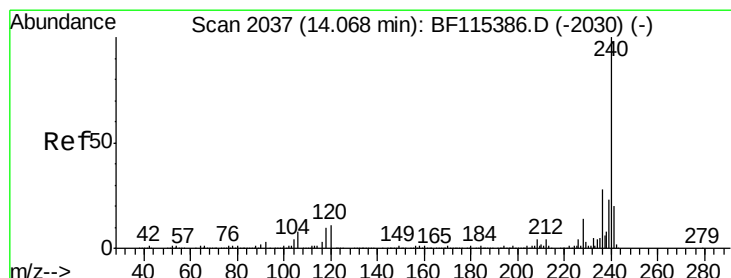
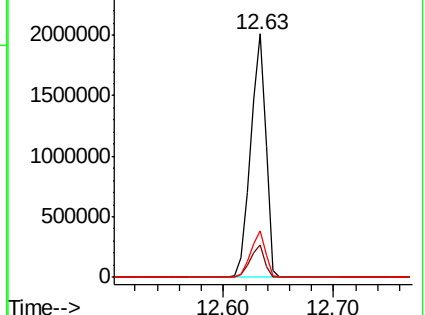
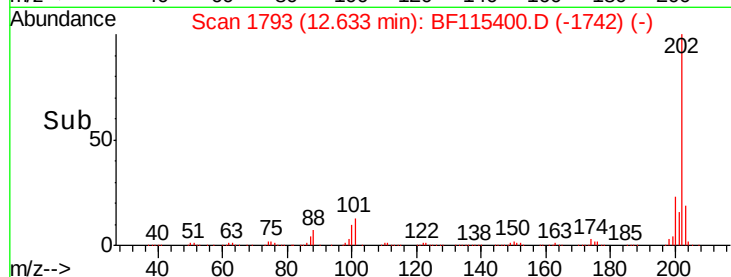
203 18.9 0.0 38.9



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: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

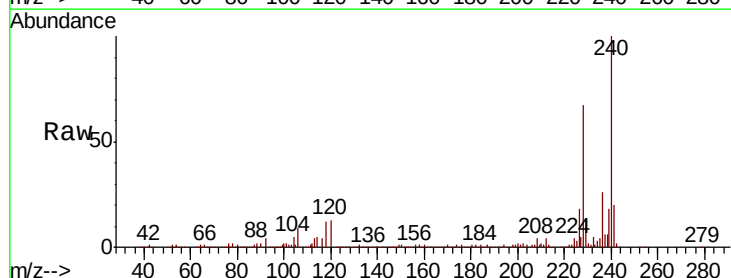
Tgt Ion:240 Resp: 643942

Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

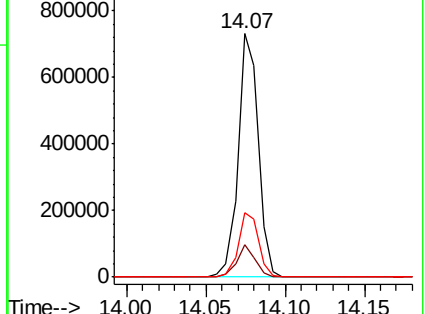
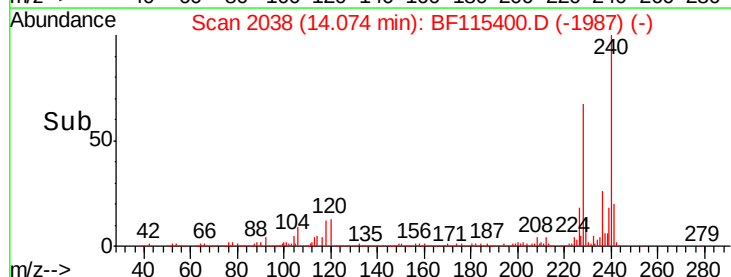
236 26.4 21.1 31.7

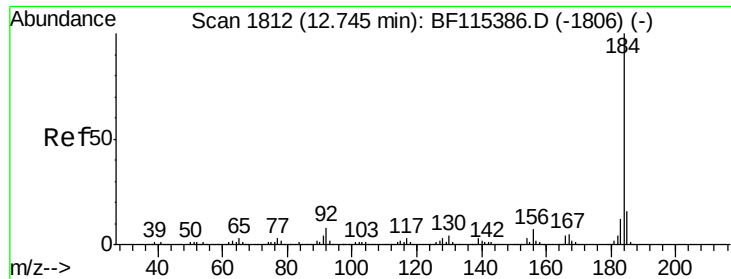


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.481 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

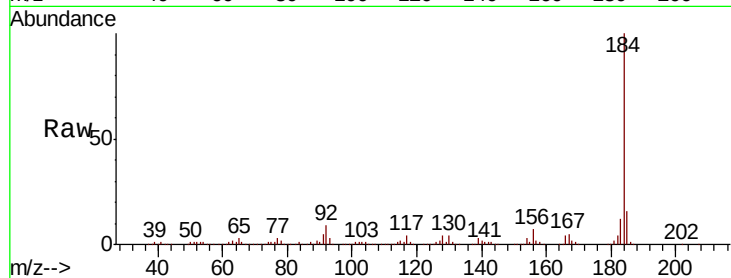
Tot Ion:184 Resp: 916080

Ion Ratio Lower Upper

184 100

185 15.6 12.5 18.7

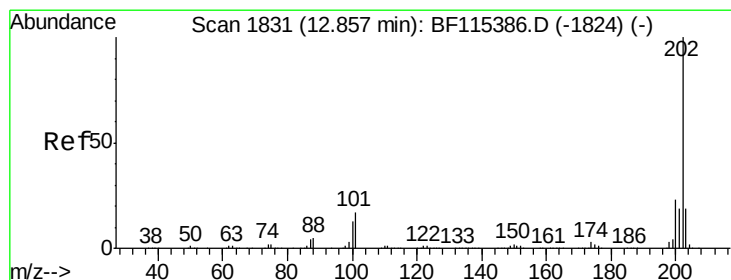
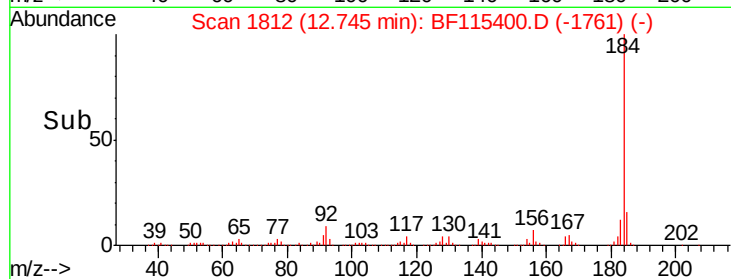
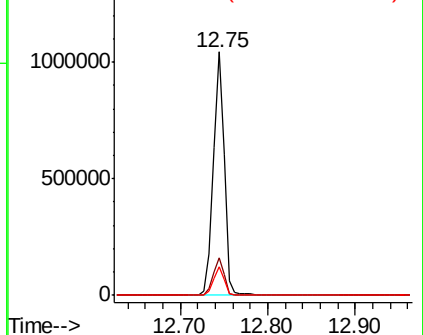
183 11.9 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.691 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

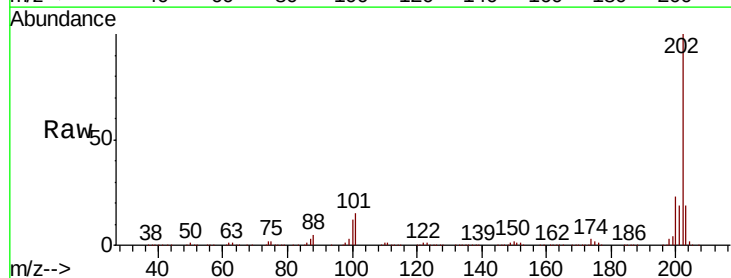
Tgt Ion:202 Resp: 1987549

Ion Ratio Lower Upper

202 100

200 23.1 18.5 27.7

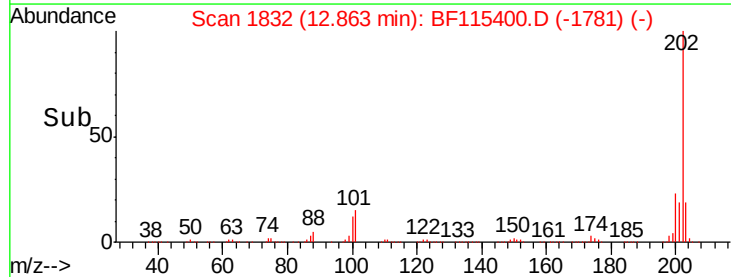
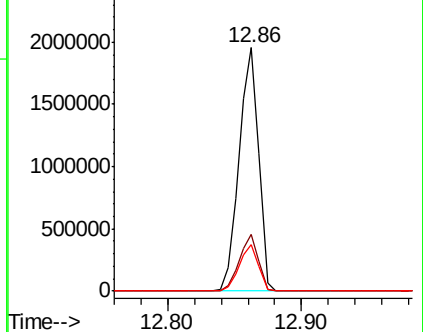
203 18.9 15.1 22.7

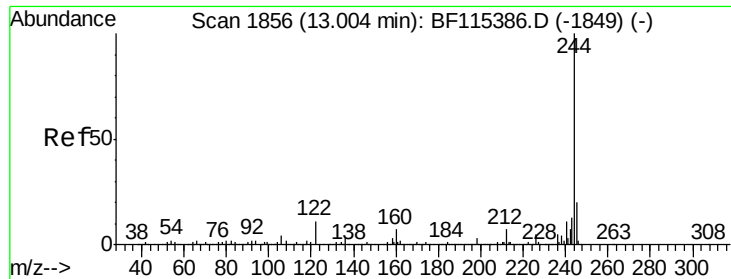


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.502 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

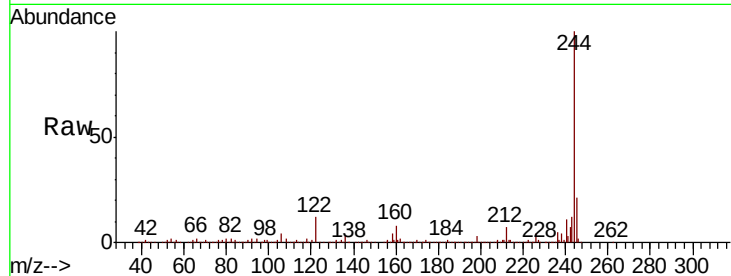
Tot Ion:244 Resp: 2437454

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

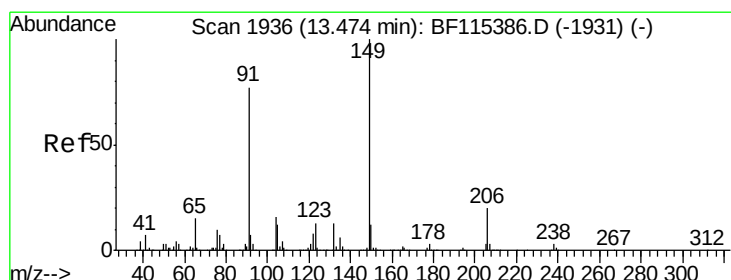
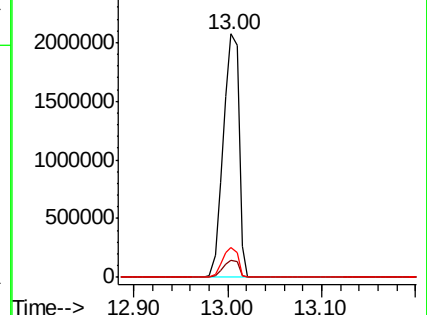
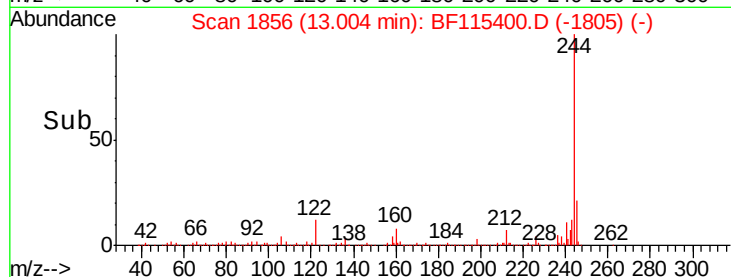
122 12.1 9.7 14.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.156 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

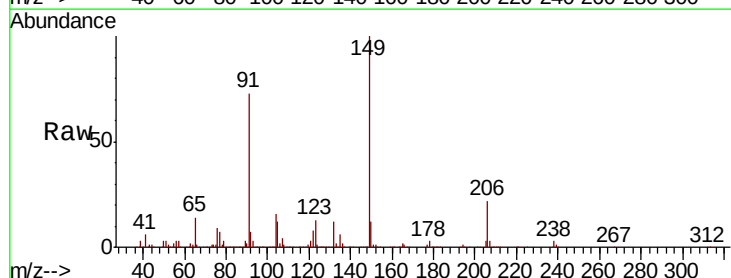
Tgt Ion:149 Resp: 922345

Ion Ratio Lower Upper

149 100

91 72.6 58.1 87.1

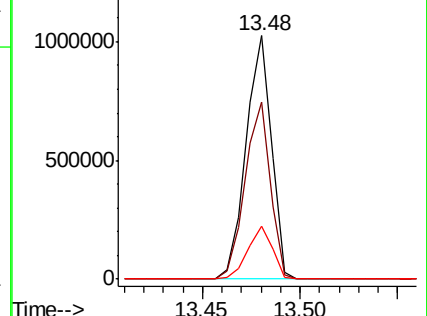
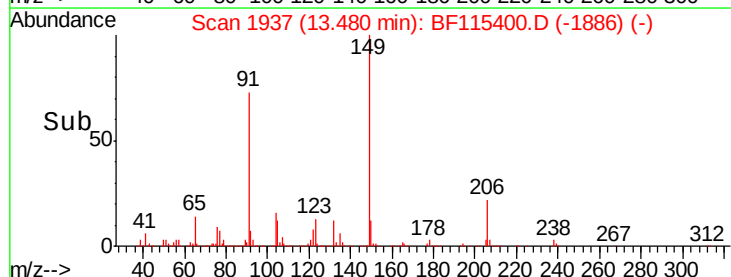
206 21.7 17.4 26.0

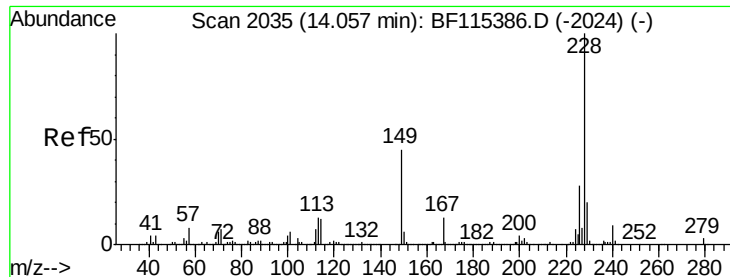


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.168 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

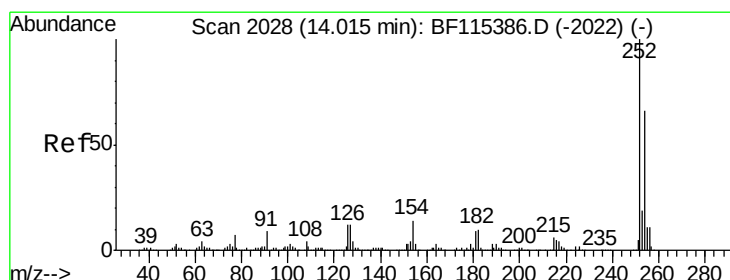
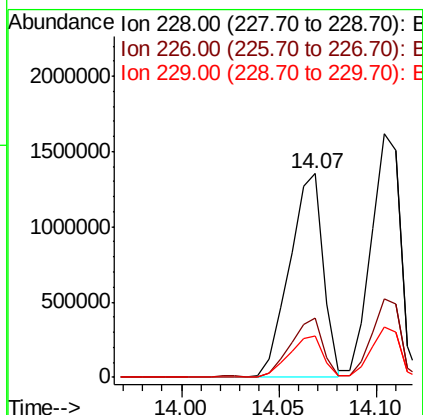
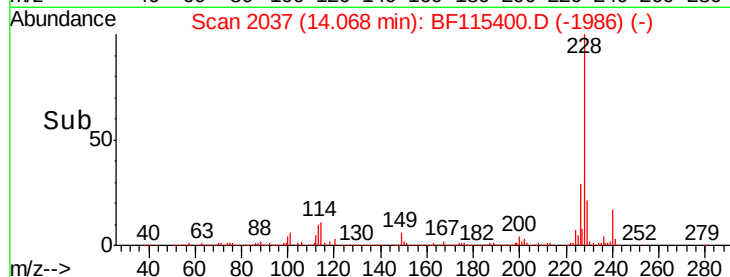
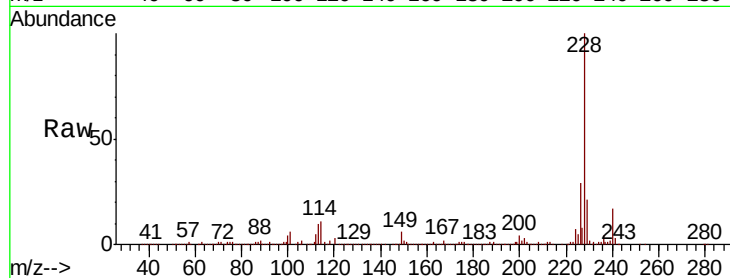
Tot Ion:228 Resp: 1616064

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

229 20.5 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 42.609 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

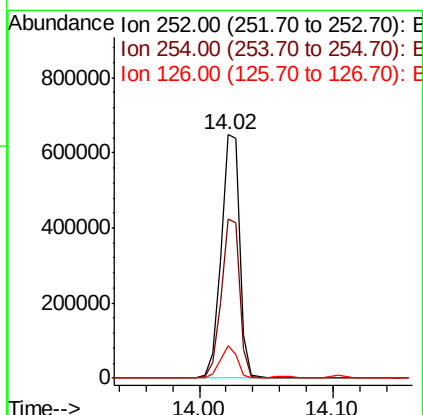
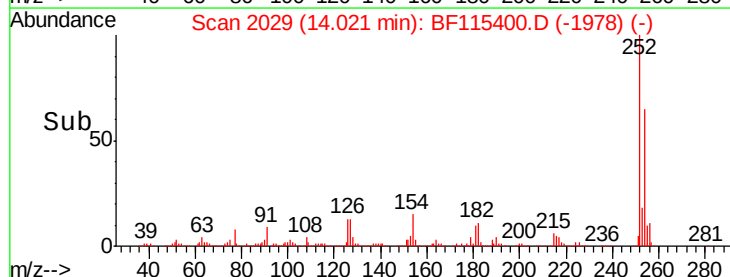
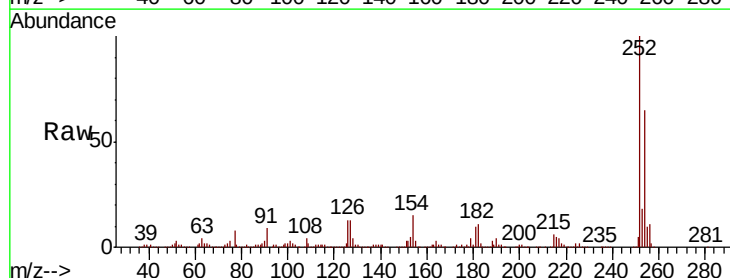
Tgt Ion:252 Resp: 637915

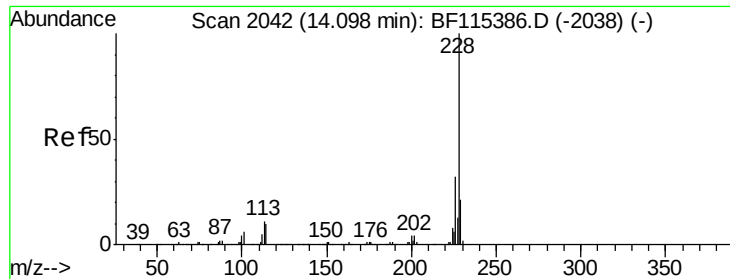
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 13.4 10.7 16.1

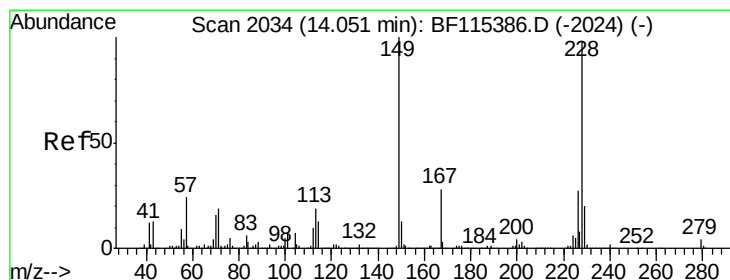
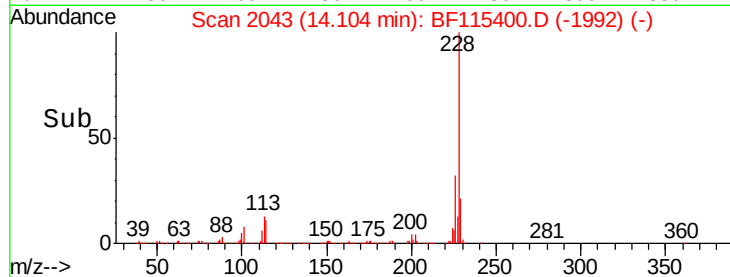
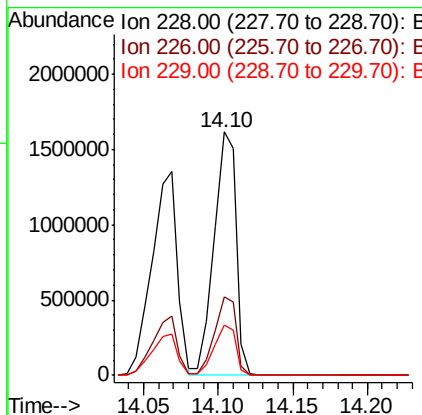
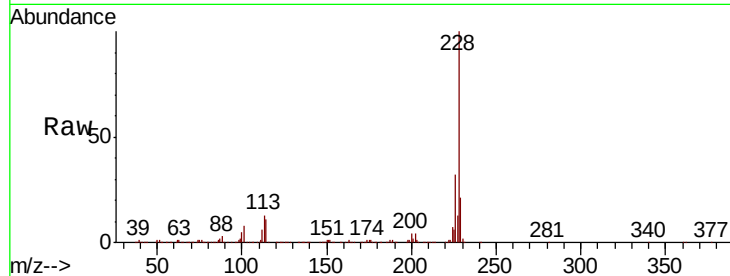




#83
 Chrysene
 Concen: 39.577 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

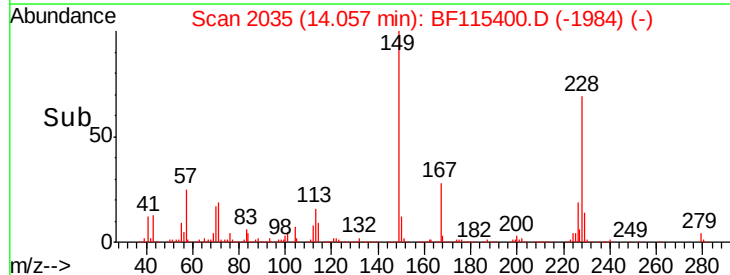
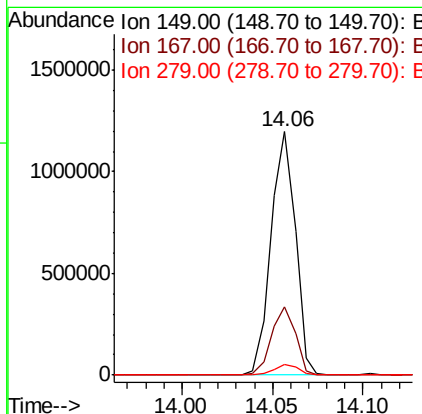
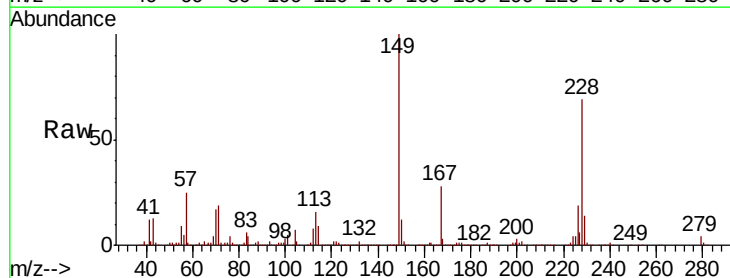
Instrument :
 BNA_F
 ClientSampleId :

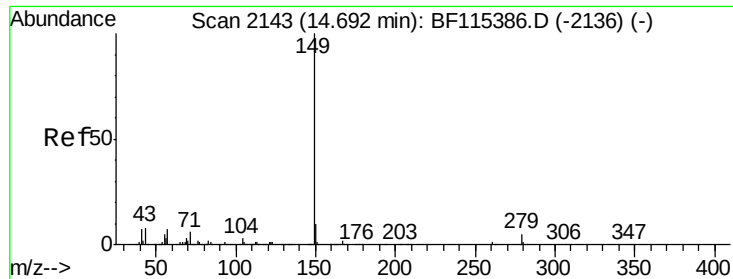
Tot Ion:228 Resp: 1677777
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 20.7 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.256 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF115400.D
 Acq: 8 Jul 2019 11:44

Tgt Ion:149 Resp: 1117863
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.163 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

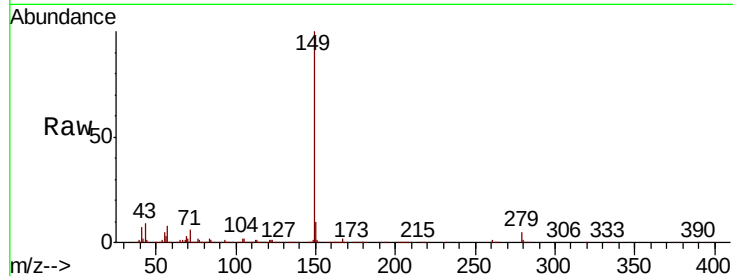
Tot Ion:149 Resp: 1985528

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

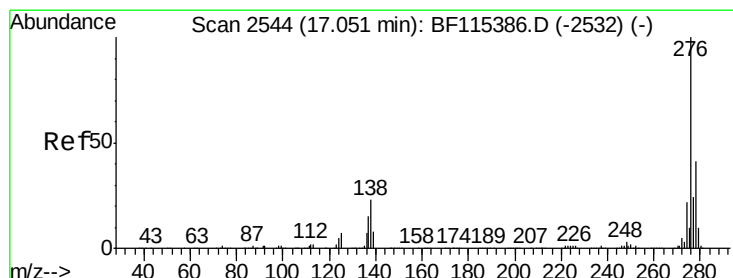
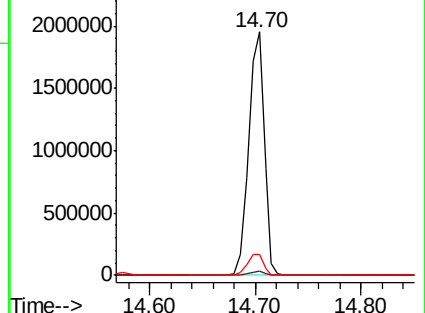
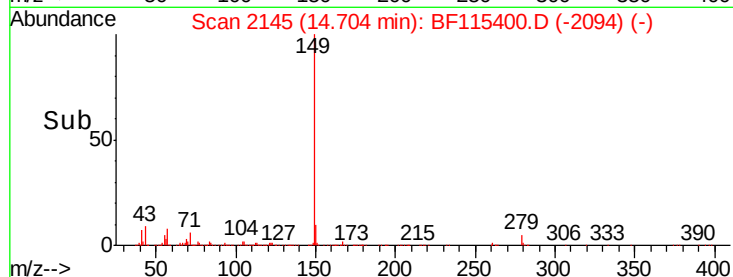
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.816 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

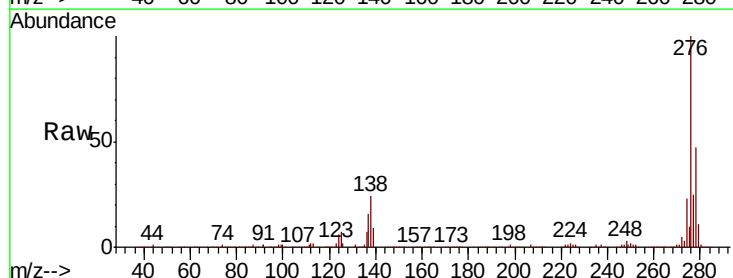
Tgt Ion:276 Resp: 1466361

Ion Ratio Lower Upper

276 100

138 25.5 20.4 30.6

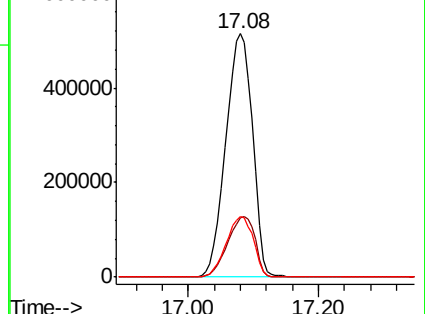
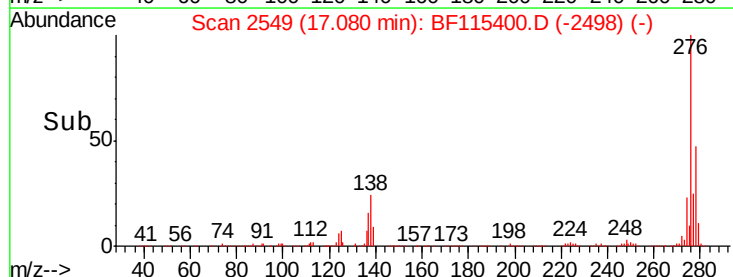
277 25.2 20.2 30.2

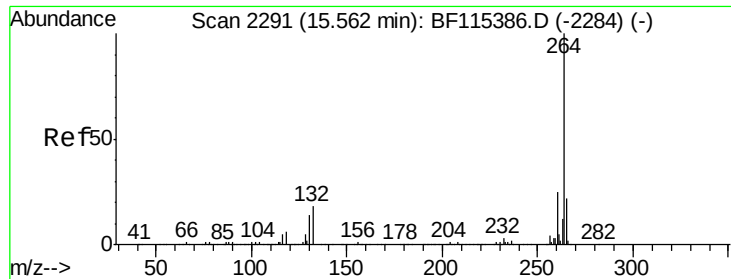


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

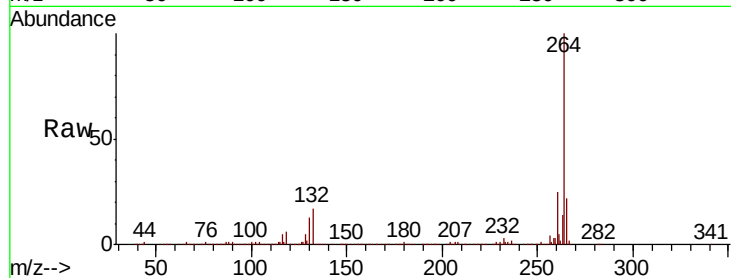
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 617209

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.3	30.5
265	22.0	17.6	26.4

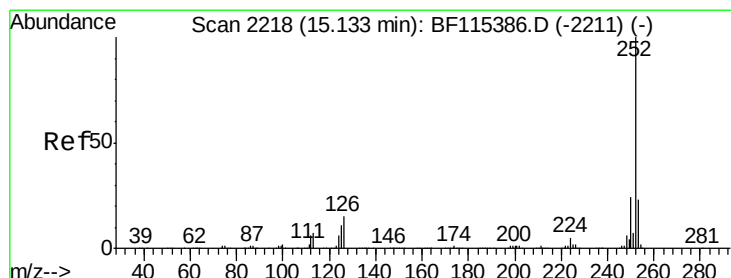
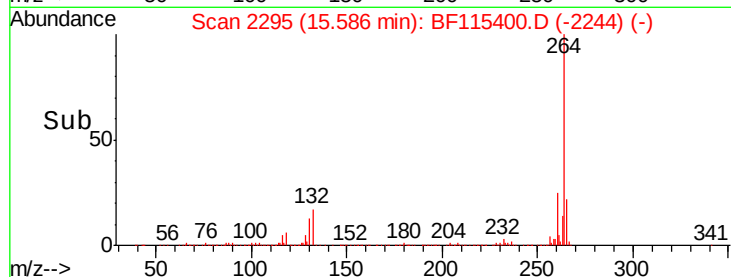
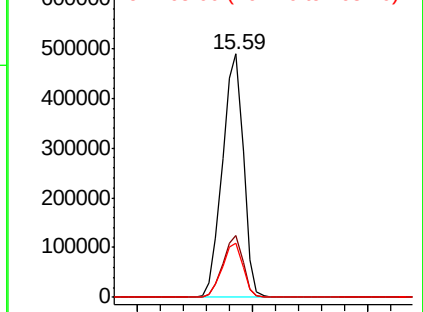


Abundance

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: 40.865 ng

RT: 15.15 min Scan# 2221

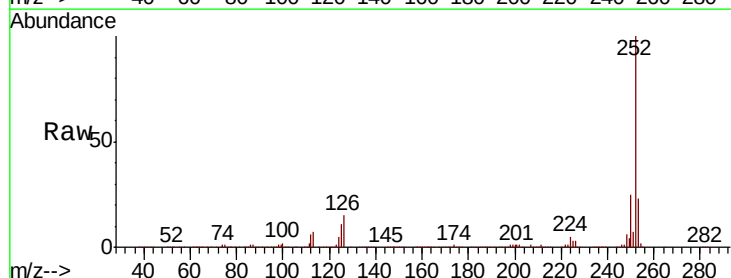
Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Tgt Ion:252 Resp: 1642212

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	11.2	9.0	13.4

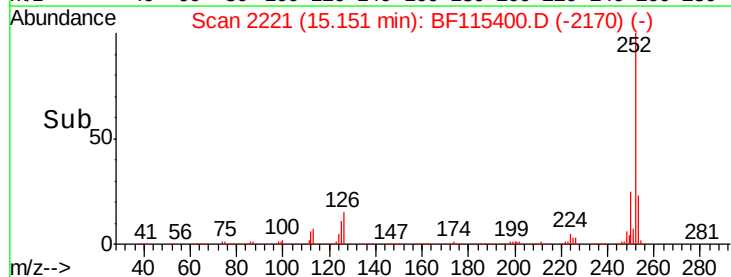
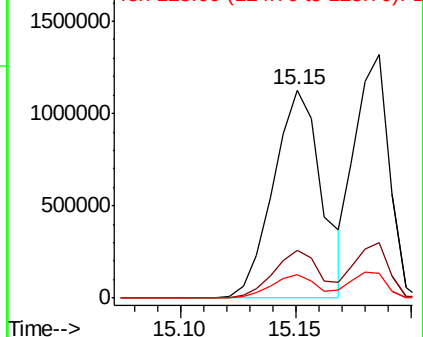


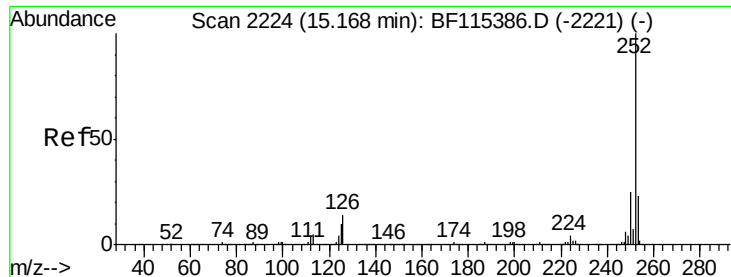
Abundance

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

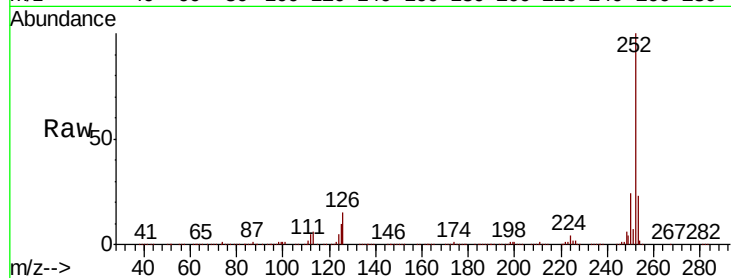




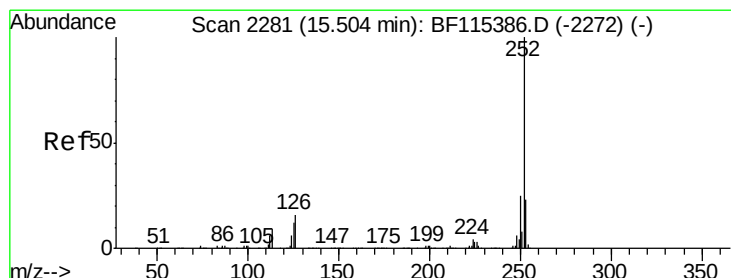
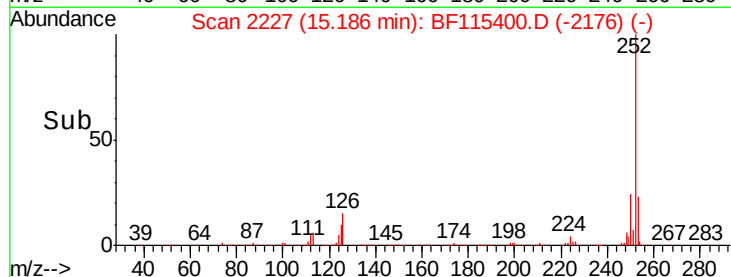
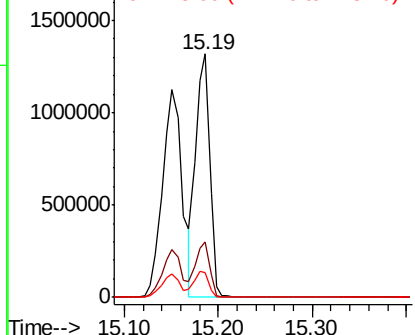
#89
Benzo(k)fluoranthene
Concen: 38.321 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1369559
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.3 8.2 12.4

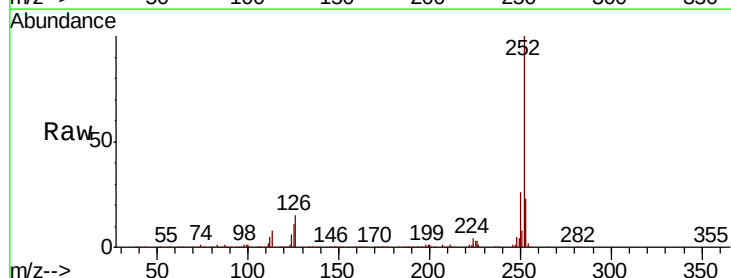


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

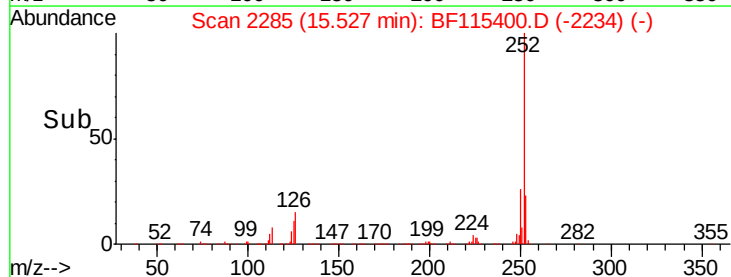
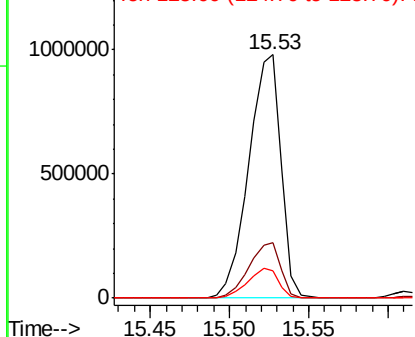


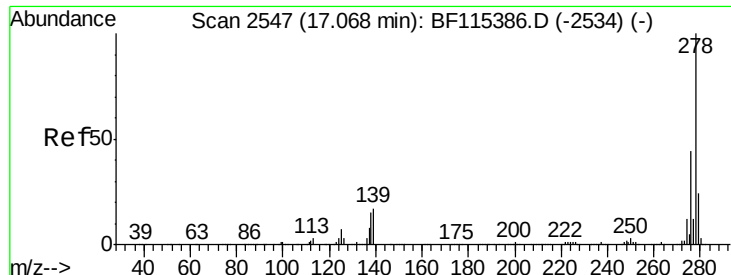
#90
Benzo(a)pyrene
Concen: 39.989 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF115400.D
Acq: 8 Jul 2019 11:44

Tgt Ion:252 Resp: 1386029
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.2 9.0 13.4



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: 40.331 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

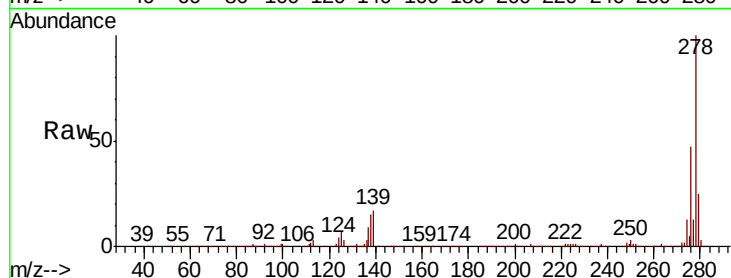
Tot Ion:278 Resp: 1194528

Ion Ratio Lower Upper

278 100

139 16.8 13.4 20.2

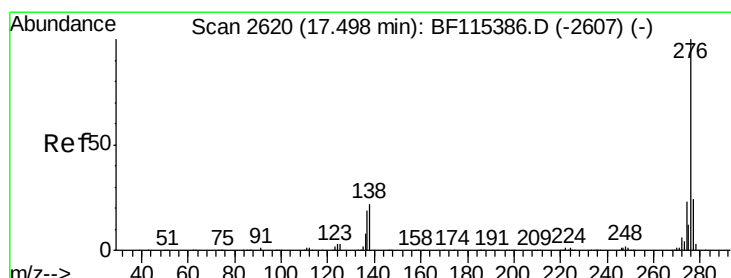
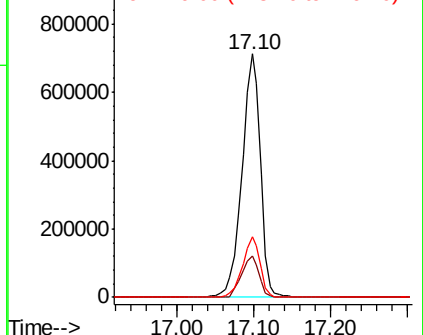
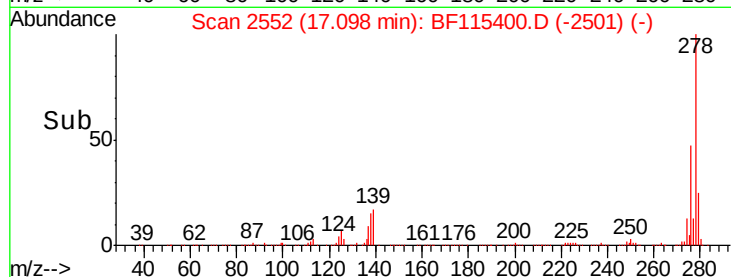
279 25.0 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.319 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF115400.D

Acq: 8 Jul 2019 11:44

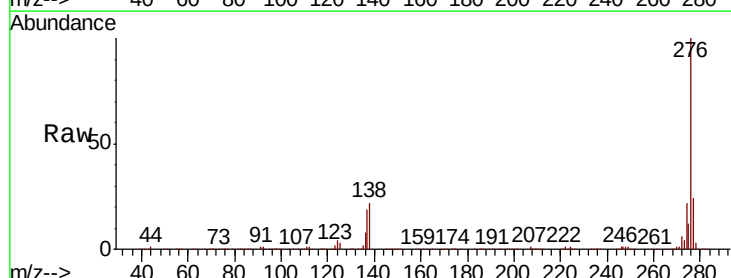
Tgt Ion:276 Resp: 1158351

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.0 17.6 26.4



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

