

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115857.D
 Acq On : 31 Jul 2019 11:18
 Operator : HP/JU
 Sample : PB121767BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 18:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145610	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584609	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	309318	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	535004	20.00	ng	0.00
76) Chrysene-d12	14.03	240	418915	20.00	ng	0.00
87) Perylene-d12	15.49	264	437720	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	935693	107.58	ng	0.02
7) Phenol-d6	6.49	99	1200458	109.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	776129	76.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	336950	112.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1365877	82.71	ng	0.00
79) Terphenyl-d14	12.96	244	1476117	74.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	171392	39.005	ng	100
3) Pyridine	3.46	79	444243	36.192	ng	99
4) n-Nitrosodimethylamine	3.41	42	197831	40.840	ng	98
6) Aniline	6.52	93	493314	31.389	ng	99
8) 2-Chlorophenol	6.64	128	410437	42.673	ng	97
9) Benzaldehyde	6.40	77	235242	31.068	ng	96
10) Phenol	6.50	94	532283	41.189	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	390835	41.135	ng	99
12) 1,3-Dichlorobenzene	6.79	146	444768	40.012	ng	97
13) 1,4-Dichlorobenzene	6.87	146	446613	40.128	ng	99
14) 1,2-Dichlorobenzene	7.02	146	409970	40.004	ng	98
15) Benzyl Alcohol	6.99	79	353011	42.388	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	517668	39.945	ng	99
17) 2-Methylphenol	7.11	107	339690	41.709	ng	99
18) Hexachloroethane	7.36	117	162504	39.657	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	278720	40.986	ng	96
20) 3+4-Methylphenols	7.26	107	410798	42.624	ng	92
22) Acetophenone	7.26	105	551214	42.992	ng	# 99
24) Nitrobenzene	7.43	77	450569	41.202	ng	97
25) Isophorone	7.67	82	805622	41.600	ng	98
26) 2-Nitrophenol	7.75	139	224827	43.614	ng	98
27) 2,4-Dimethylphenol	7.79	122	361751	46.645	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	489235	40.758	ng	100
29) 2,4-Dichlorophenol	7.99	162	348529	42.562	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	378710	40.572	ng	99
31) Naphthalene	8.16	128	1180412	42.908	ng	100
32) Benzoic acid	7.93	122	241238	44.120	ng	98
33) 4-Chloroaniline	8.20	127	276506	22.495	ng	99
34) Hexachlorobutadiene	8.27	225	214343	39.866	ng	100
35) Caprolactam	8.57	113	50510	19.072	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	362124	42.509	ng	97
37) 2-Methylnaphthalene	8.85	142	788310	43.510	ng	99
38) 1-Methylnaphthalene	8.95	142	734324	42.842	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349097	42.216	ng	98

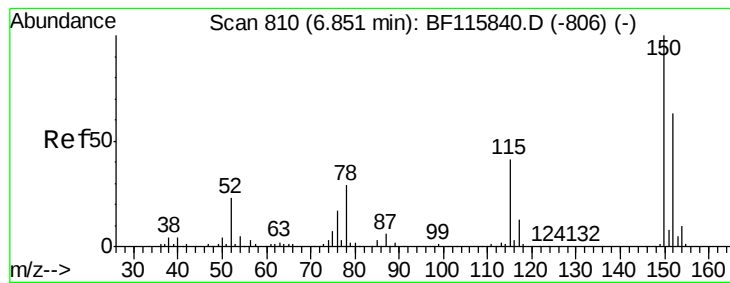
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	309394	83.095	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	227981	40.054	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	245085	41.655	ng	97
46) 1,1'-Biphenyl	9.32	154	937240	42.918	ng	100
47) 2-Chloronaphthalene	9.34	162	738081	40.609	ng	98
48) 2-Nitroaniline	9.43	65	234823	39.087	ng	90
49) Acenaphthylene	9.76	152	1142530	43.088	ng	99
50) Dimethylphthalate	9.62	163	839044	39.839	ng	100
51) 2,6-Dinitrotoluene	9.68	165	189333	41.367	ng	98
52) Acenaphthene	9.93	154	679988	41.801	ng	99
53) 3-Nitroaniline	9.85	138	142039	25.116	ng	90
54) 2,4-Dinitrophenol	9.96	184	173612	75.108	ng	91
55) Dibenzofuran	10.10	168	1012388	42.795	ng	99
56) 4-Nitrophenol	10.02	139	330183	91.139	ng	98
57) 2,4-Dinitrotoluene	10.09	165	253318	41.570	ng	96
58) Fluorene	10.45	166	772630	42.450	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	205659	41.547	ng	99
60) Diethylphthalate	10.32	149	785561	39.951	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	379703	41.192	ng	99
62) 4-Nitroaniline	10.47	138	214057	36.625	ng	98
63) Azobenzene	10.60	77	833792	41.226	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	123475	43.551	ng	93
66) n-Nitrosodiphenylamine	10.56	169	685863	42.592	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	232936	40.672	ng	99
68) Hexachlorobenzene	11.00	284	263240	39.749	ng	100
69) Atrazine	11.08	200	210228	39.684	ng	99
70) Pentachlorophenol	11.19	266	279361	86.886	ng	99
71) Phenanthrene	11.41	178	1141283	41.728	ng	100
72) Anthracene	11.46	178	1194812	43.165	ng	99
73) Carbazole	11.61	167	1065819	42.442	ng	100
74) Di-n-butylphthalate	11.94	149	1187278	40.528	ng	100
75) Fluoranthene	12.60	202	1201382	41.957	ng	100
77) Benzidine	12.71	184	672369	47.508	ng	98
78) Pyrene	12.83	202	1234367	39.089	ng	100
80) Butylbenzylphthalate	13.44	149	522242	39.096	ng	98
81) Benzo(a)anthracene	14.02	228	1075431	40.165	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	263335	28.309	ng	# 99
83) Chrysene	14.05	228	1066404	41.024	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	687956	39.632	ng	100
85) Di-n-octyl phthalate	14.61	149	1166378	42.304	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	968687	44.368	ng	99
88) Benzo(b)fluoranthene	15.06	252	1100954	43.500	ng	98
89) Benzo(k)fluoranthene	15.09	252	931045	37.768	ng	100
90) Benzo(a)pyrene	15.43	252	963670	42.594	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	819099	41.825	ng	99
92) Benzo(g,h,i)perylene	17.41	276	795891	41.381	ng	99

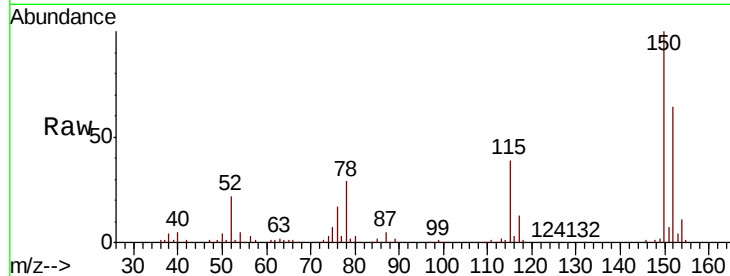
(#) = qualifier out of range (m) = manual integration (+) = signals summed



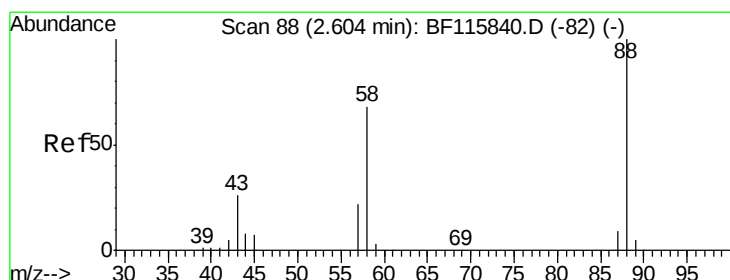
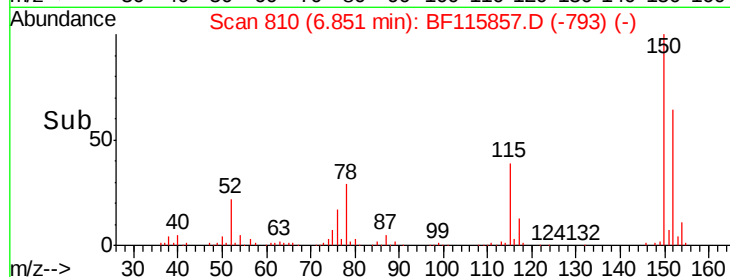
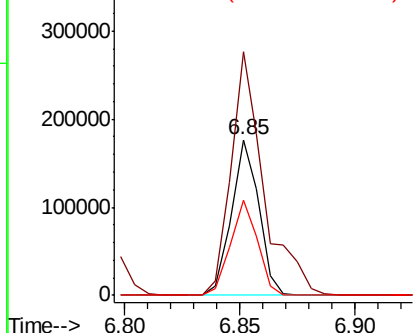
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145610
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.4 191.0
 115 61.1 51.8 77.8

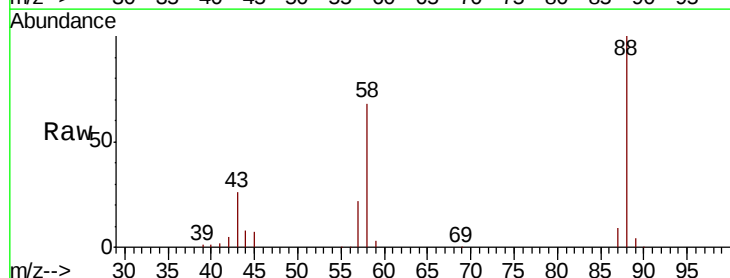


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

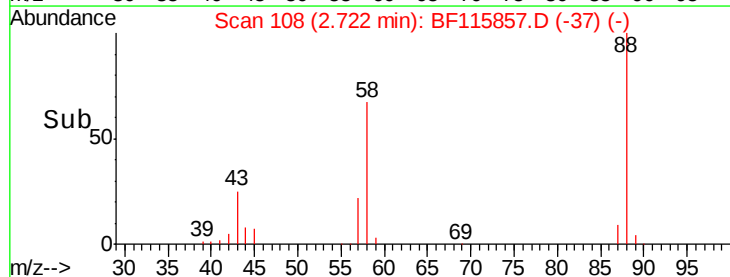
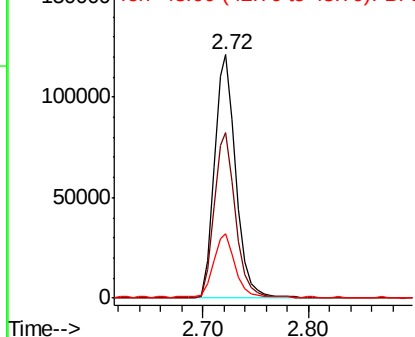


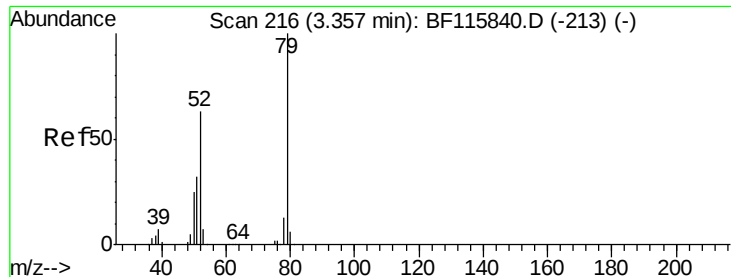
#2
 1,4-Dioxane
 Concen: 39.005 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.12 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion: 88 Resp: 171392
 Ion Ratio Lower Upper
 88 100
 58 67.9 54.1 81.1
 43 26.0 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: 36.192 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

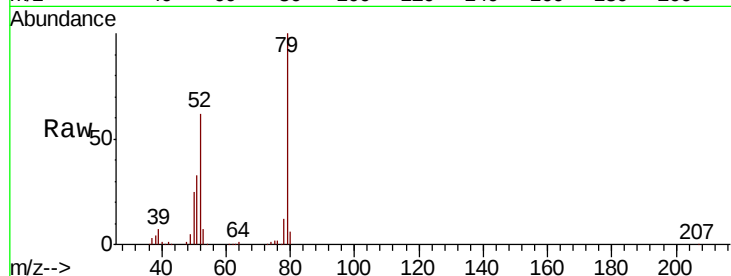
Tot Ion: 79 Resp: 444243

Ion Ratio Lower Upper

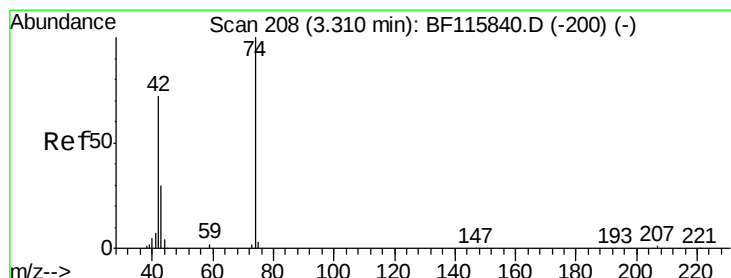
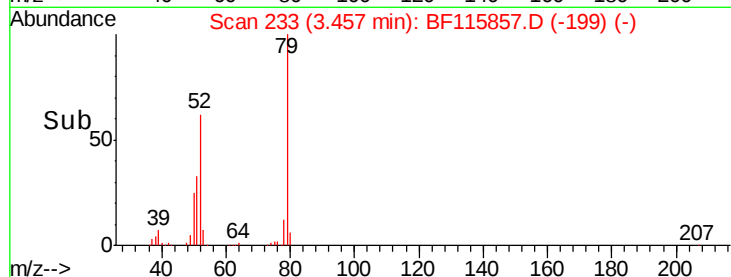
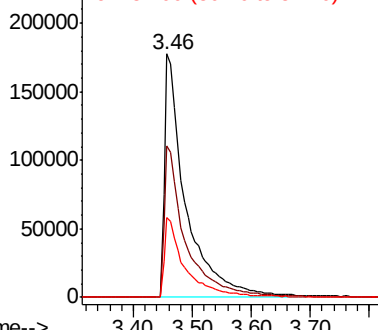
79 100

52 62.1 50.2 75.4

51 32.8 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 40.840 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.10 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

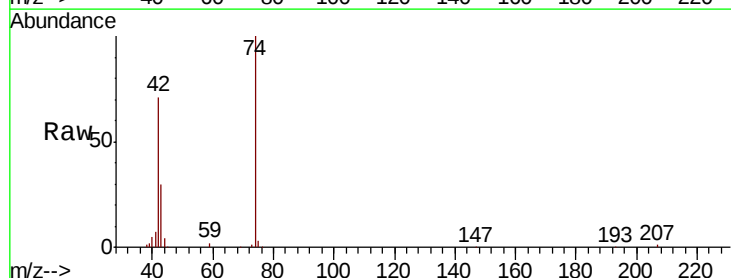
Tgt Ion: 42 Resp: 197831

Ion Ratio Lower Upper

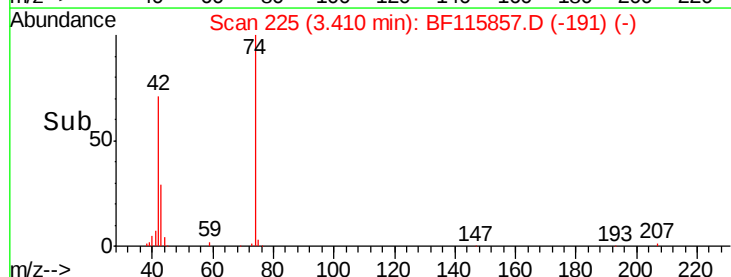
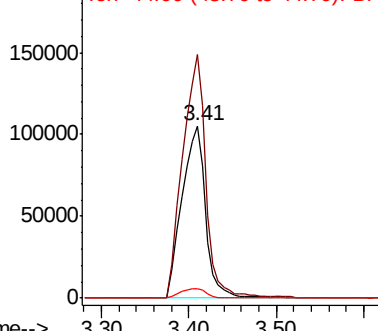
42 100

74 141.6 111.0 166.4

44 5.8 4.7 7.1



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





#5

2-Fluorophenol

Concen: 107.576 ng

RT: 5.49 min Scan# 578

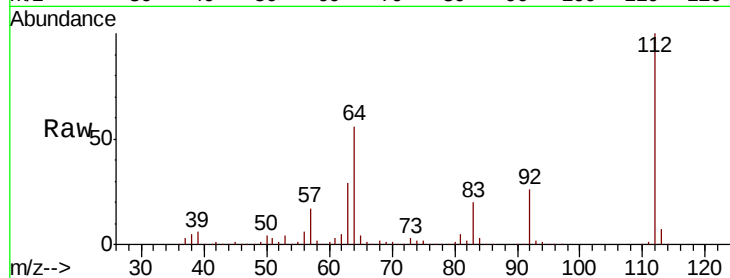
Delta R.T. 0.02 min

Lab File: BF115857.D

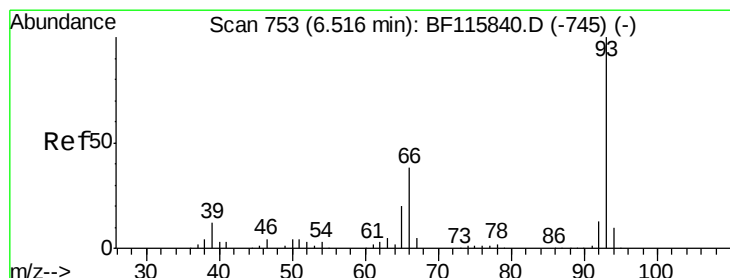
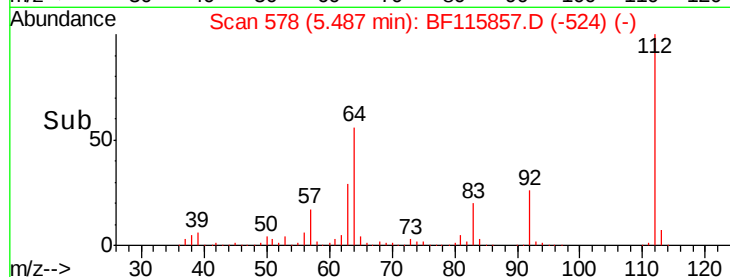
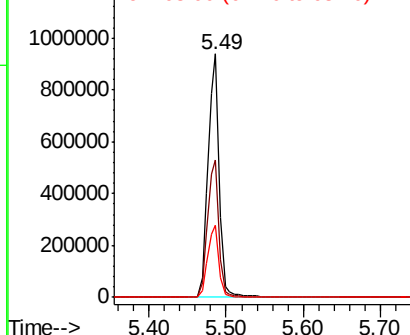
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	935693
Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.8	70.2
63	29.4	24.2	36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.389 ng

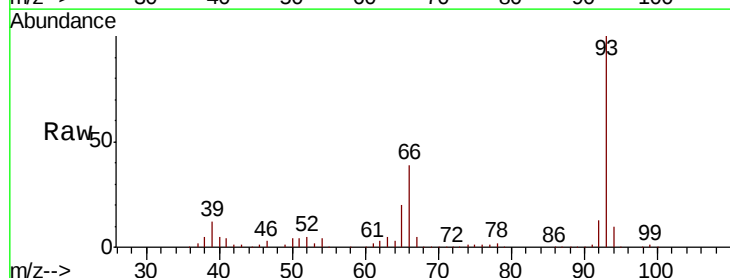
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

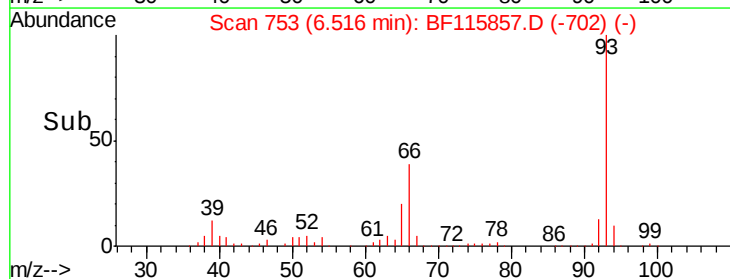
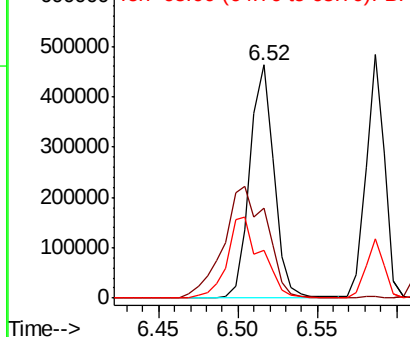
Lab File: BF115857.D

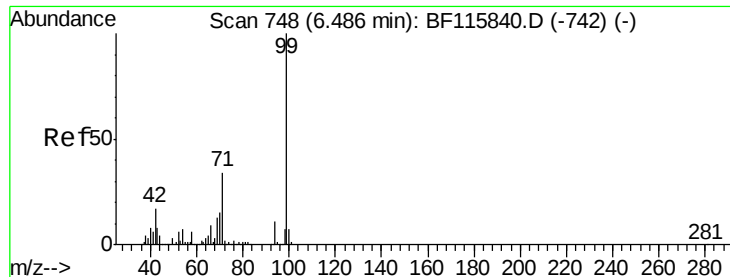
Acq: 31 Jul 2019 11:18

Tgt Ion:	93	Resp:	493314
Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.4	47.0
65	20.3	16.5	24.7



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: 109.390 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

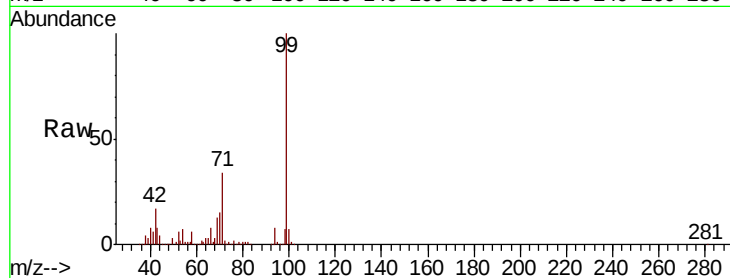
Tot Ion: 99 Resp: 1200458

Ion Ratio Lower Upper

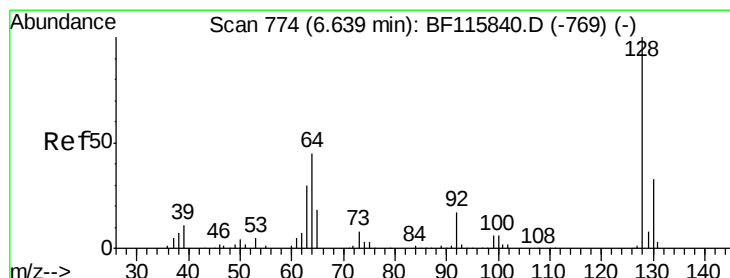
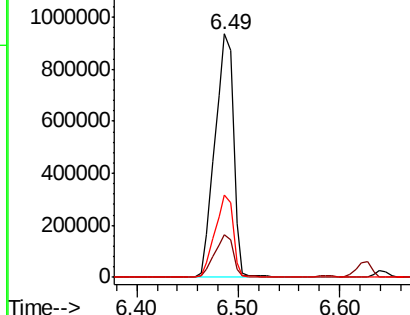
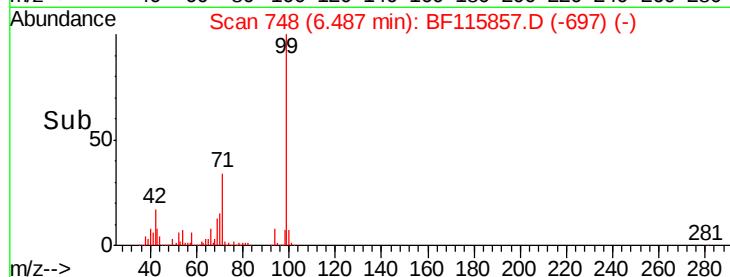
99 100

42 17.3 13.8 20.6

71 34.0 27.1 40.7



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: 42.673 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

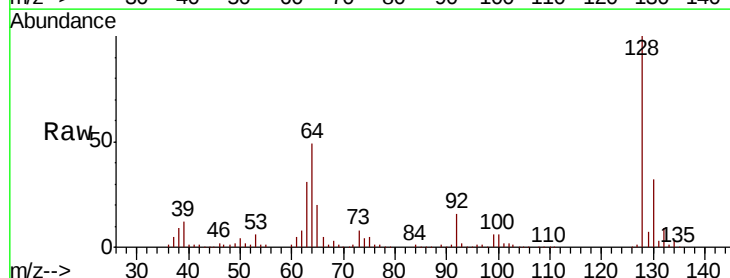
Tgt Ion:128 Resp: 410437

Ion Ratio Lower Upper

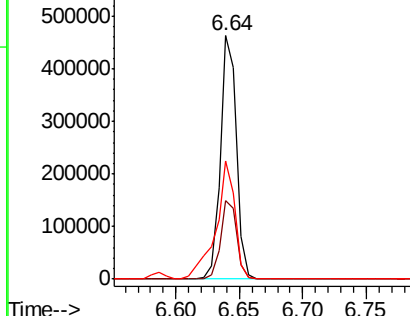
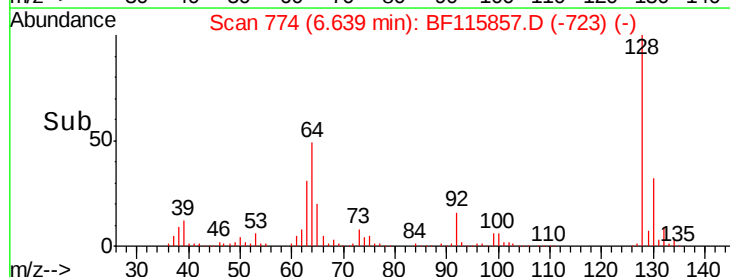
128 100

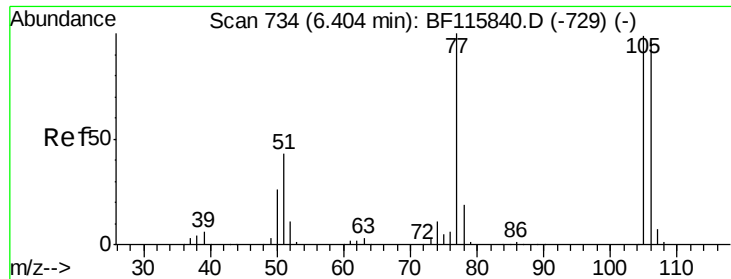
130 32.4 12.9 52.9

64 48.7 26.1 66.1



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

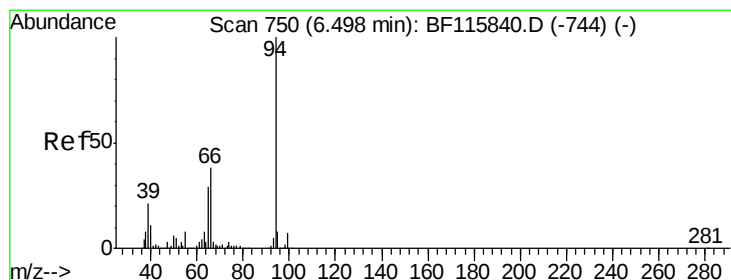
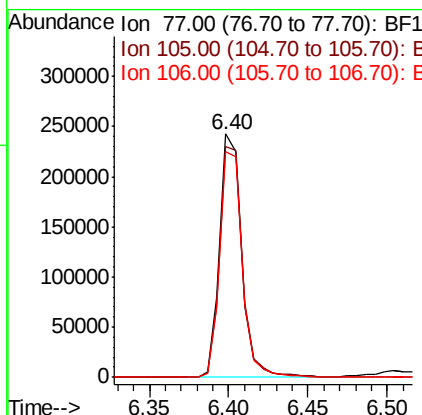
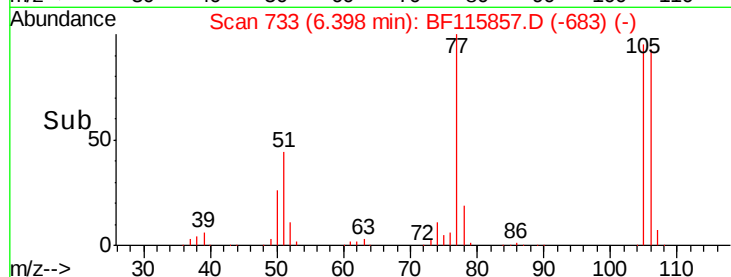
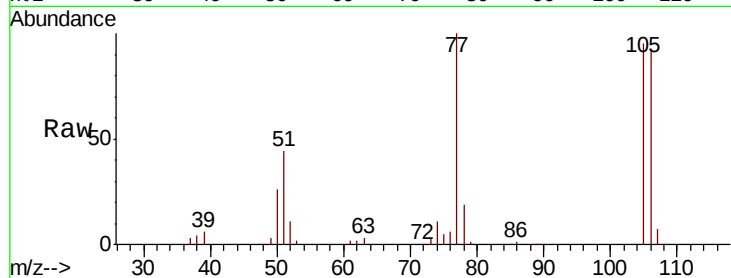




#9
Benzaldehyde
Concen: 31.068 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

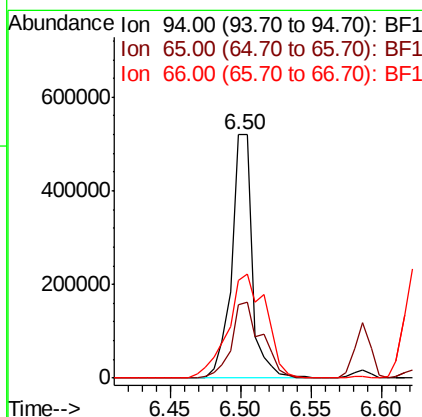
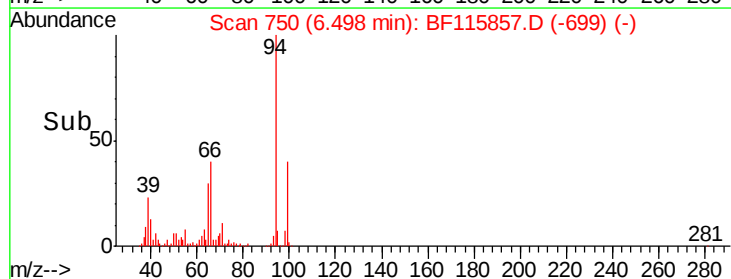
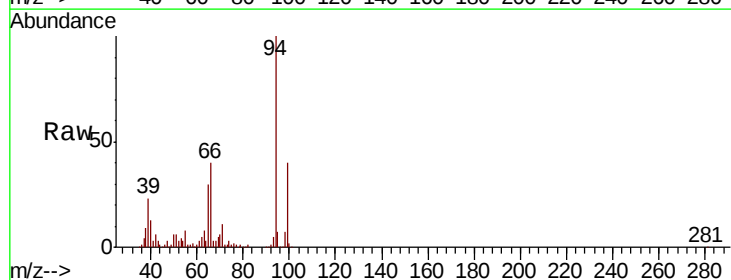
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 235242
Ion Ratio Lower Upper
77 100
105 94.9 79.0 119.0
106 92.9 76.2 116.2



#10
Phenol
Concen: 41.189 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion: 94 Resp: 532283
Ion Ratio Lower Upper
94 100
65 30.2 8.9 48.9
66 40.4 18.0 58.0

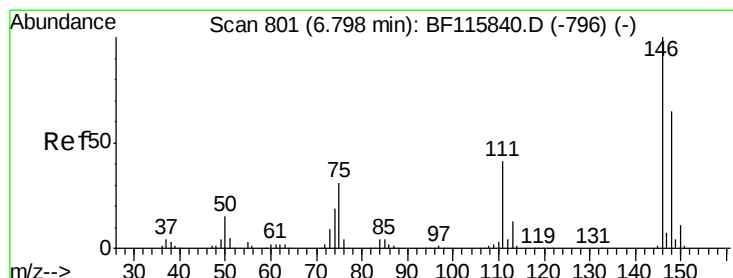
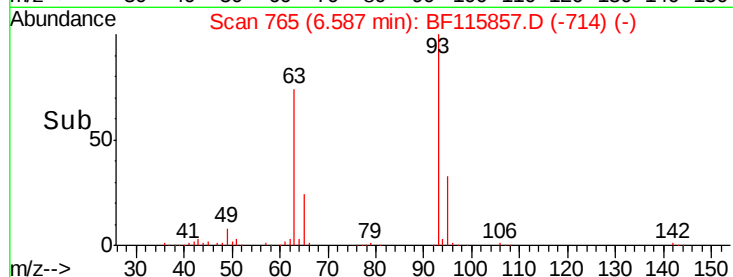
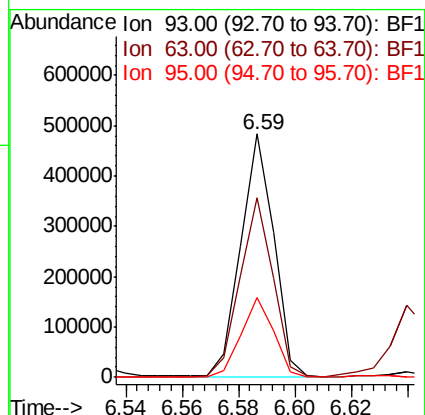
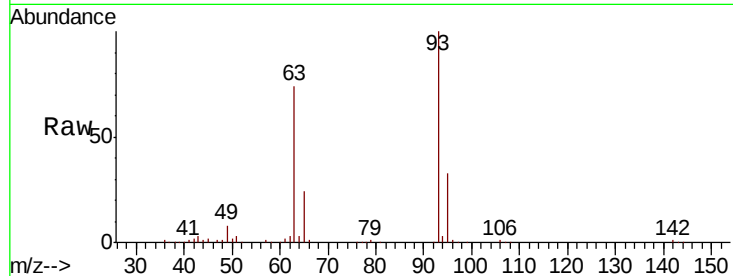




#11
 bis(2-Chloroethyl)ether
 Concen: 41.135 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

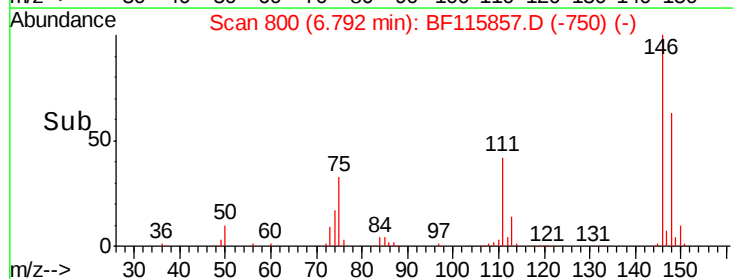
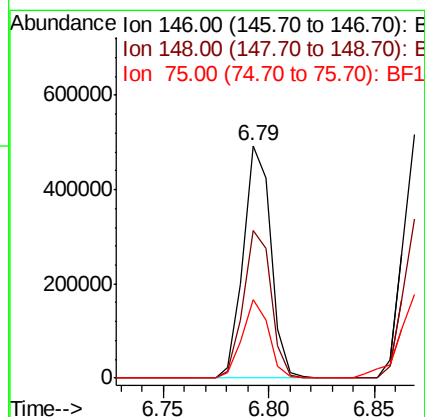
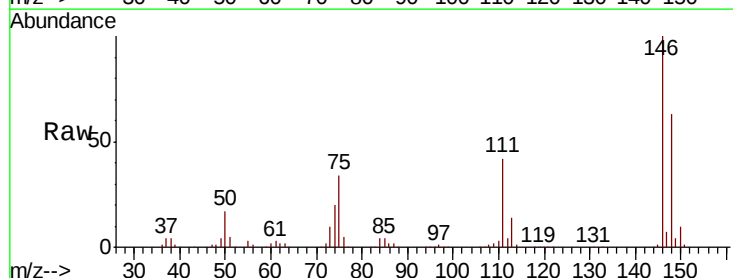
Instrument :
 BNA_F
 ClientSampleId :

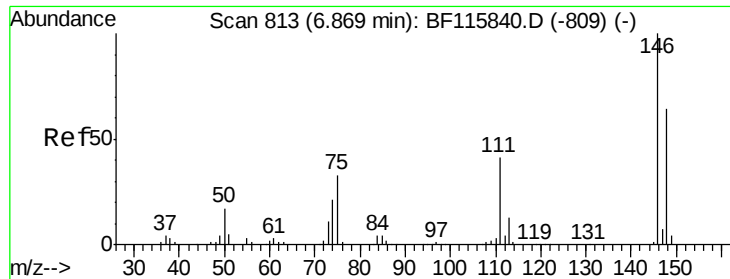
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	54.9	94.9
95	32.9	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.012 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	33.7	25.0	37.6

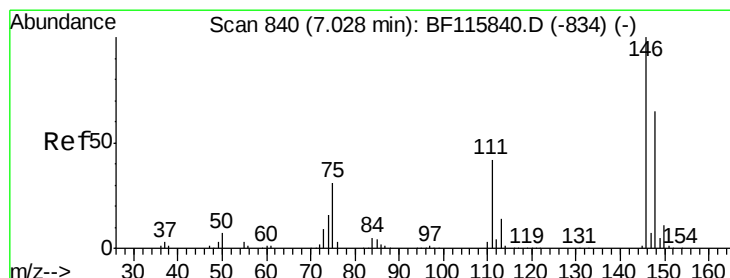
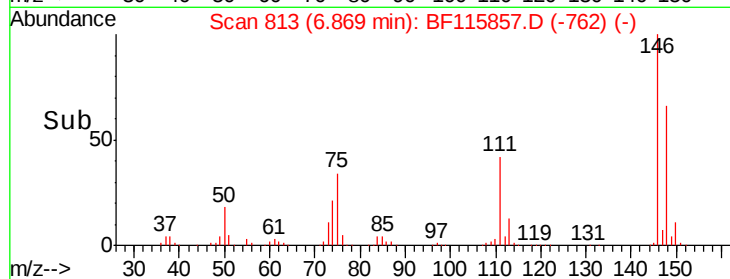
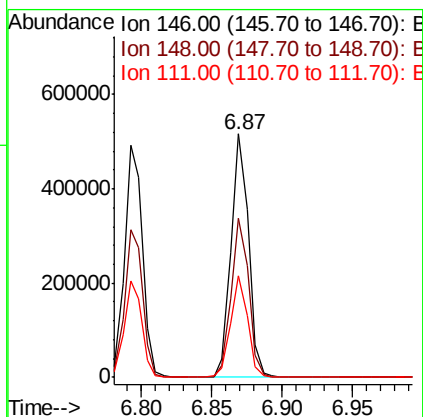
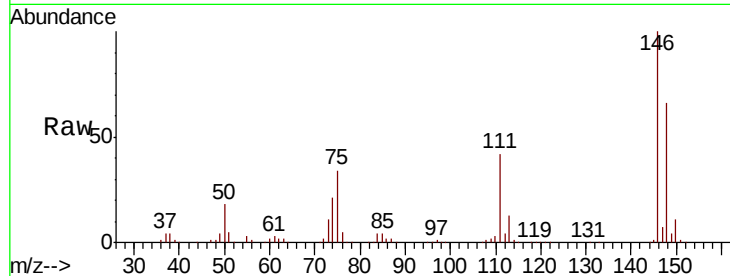




#13
 1,4-Dichlorobenzene
 Concen: 40.128 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

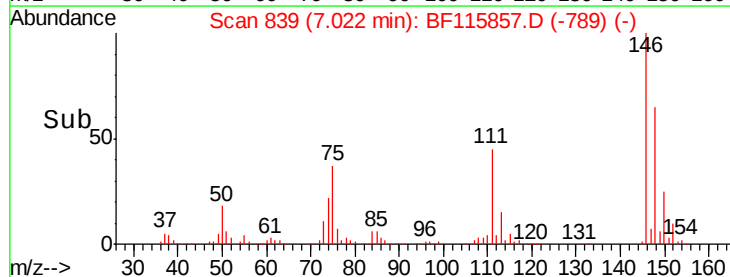
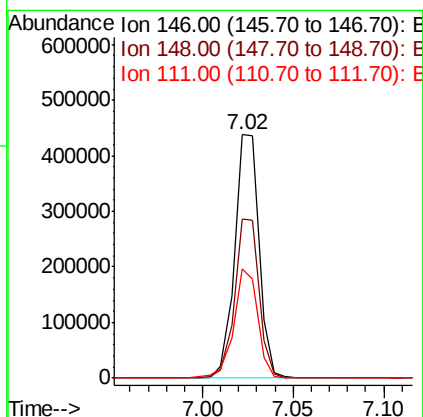
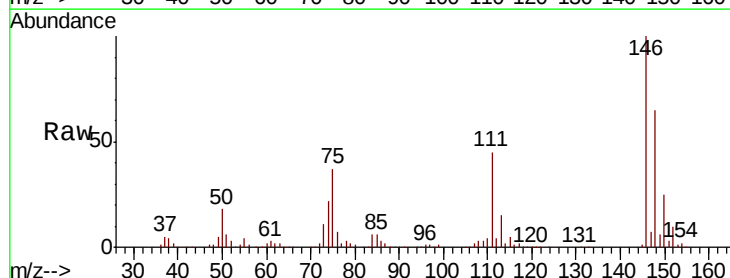
Instrument :
 BNA_F
 ClientSampleId :

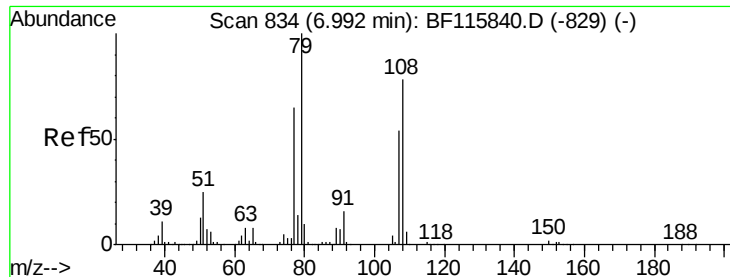
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	41.7	33.2	49.8



#14
 1,2-Dichlorobenzene
 Concen: 40.004 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	44.8	33.6	50.4





#15

Benzyl Alcohol

Concen: 42.388 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampled :

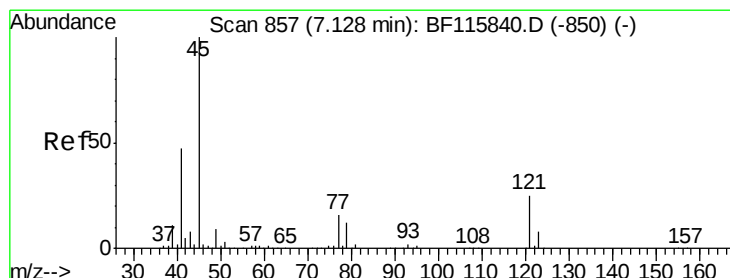
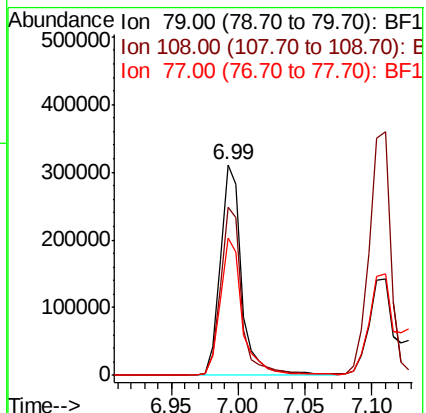
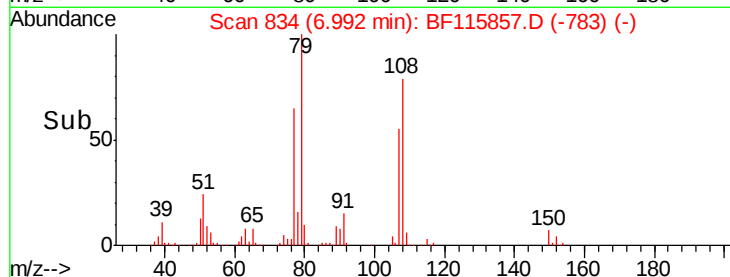
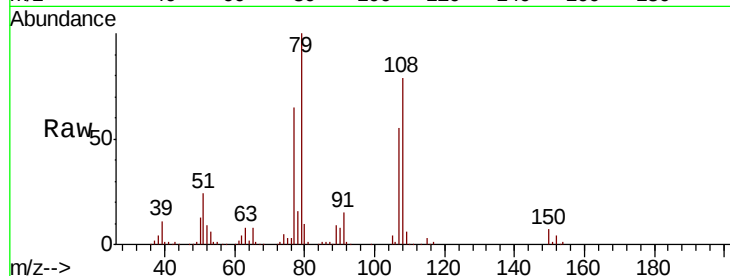
Tot Ion: 79 Resp: 353011

Ion Ratio Lower Upper

79 100

108 79.4 62.8 94.2

77 65.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.945 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

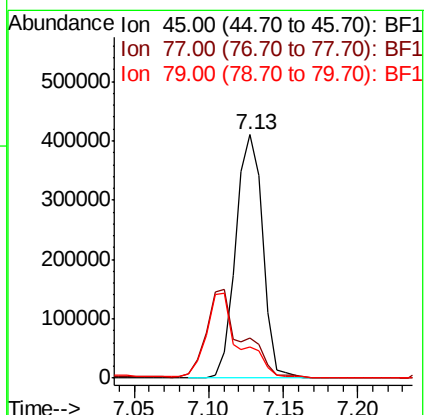
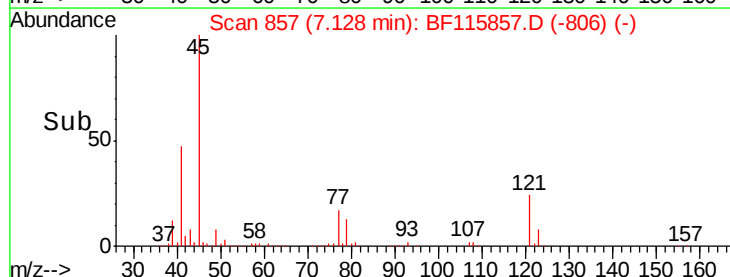
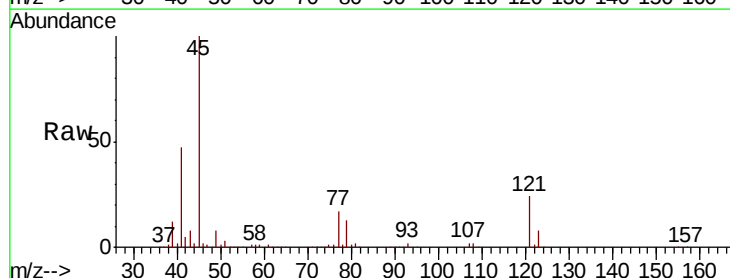
Tgt Ion: 45 Resp: 517668

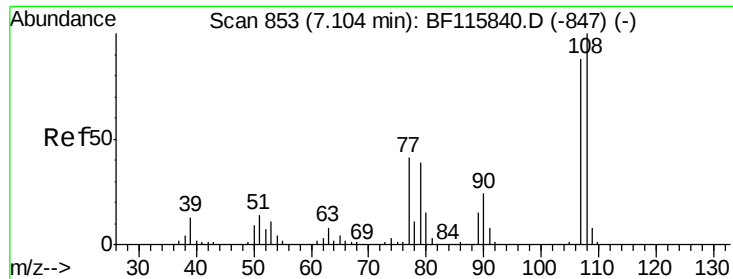
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.3

79 12.7 0.0 32.5

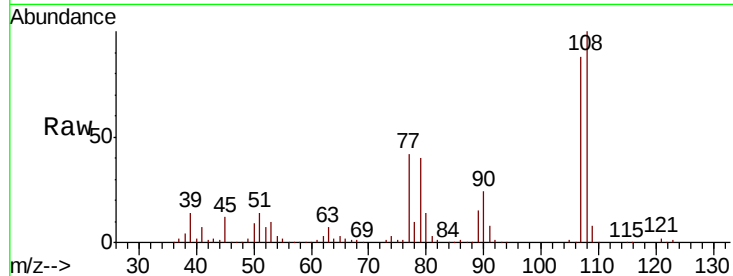




#17
2-Methylphenol
Concen: 41.709 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.4	137.0
77	47.2	37.6	56.4
79	45.2	36.2	54.4



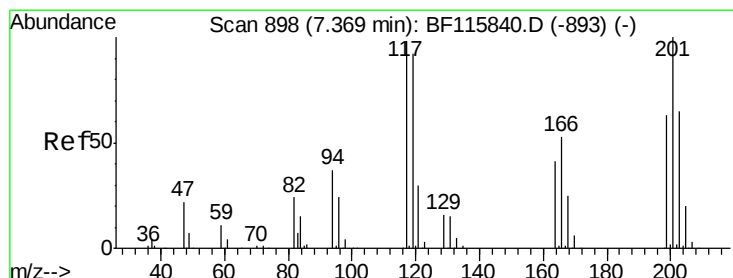
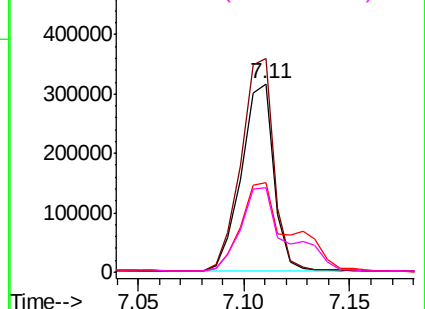
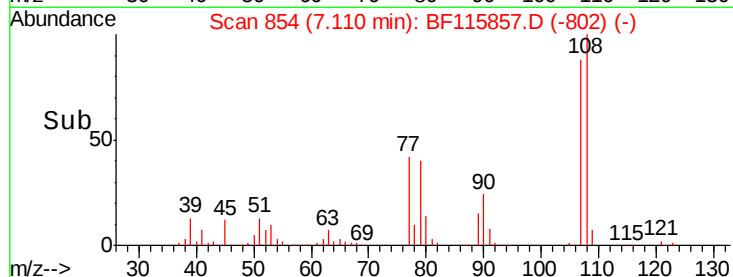
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

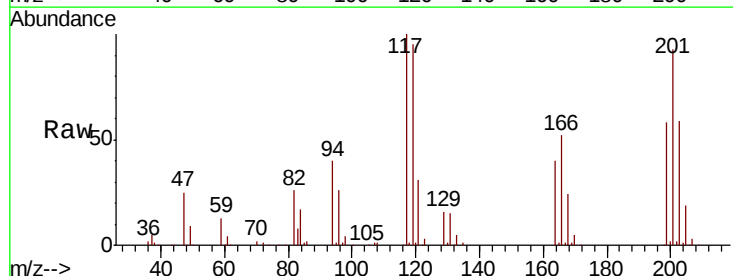
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.657 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6
201	92.9	82.0	123.0

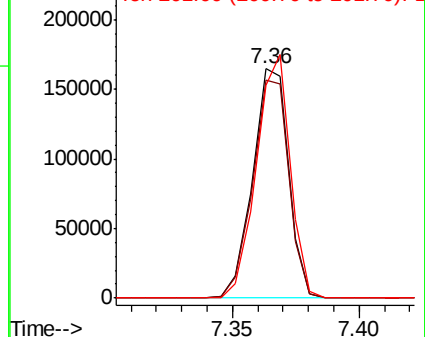
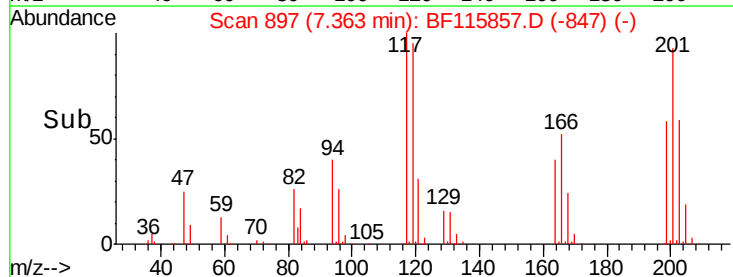


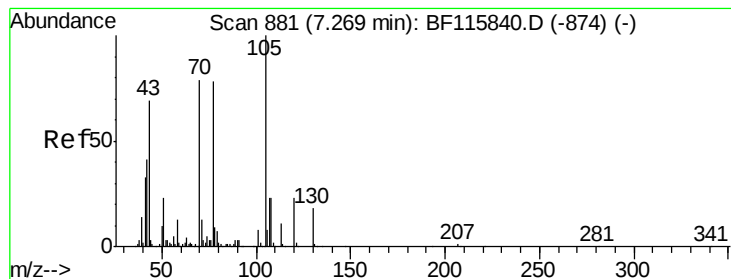
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.986 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 278720

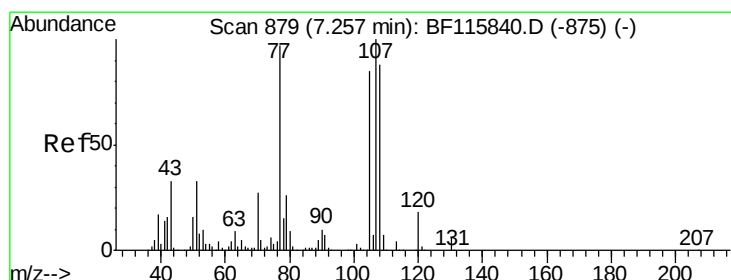
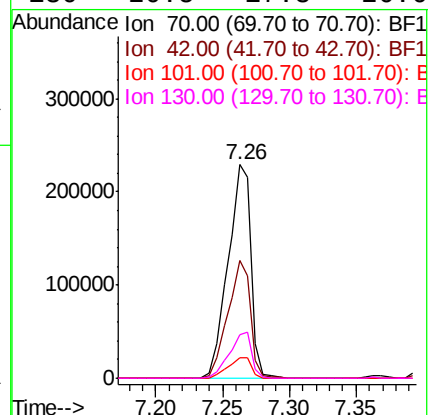
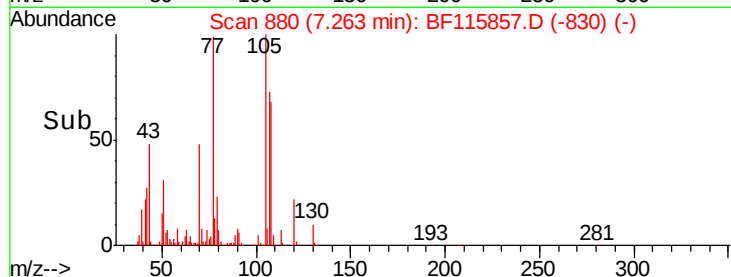
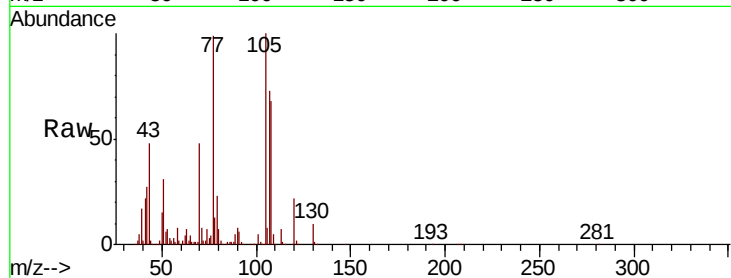
Ion Ratio Lower Upper

70 100

42 55.1 41.8 62.8

101 9.9 7.7 11.5

130 20.5 17.8 26.6



#20

3+4-Methylphenols

Concen: 42.624 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion: 107 Resp: 410798

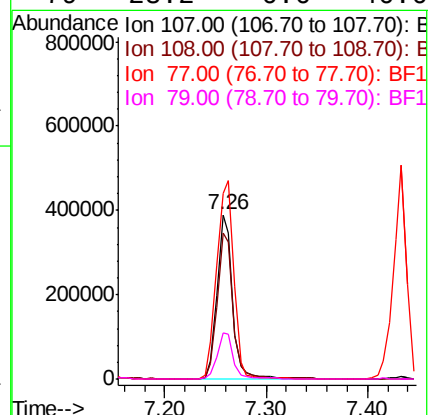
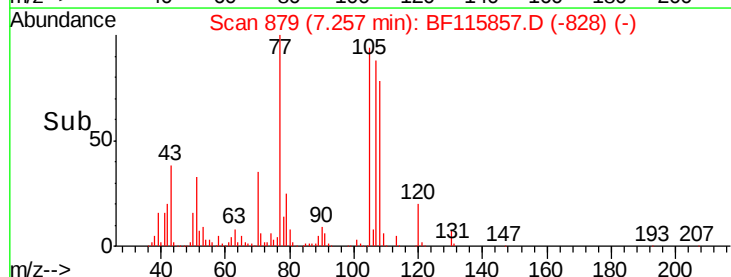
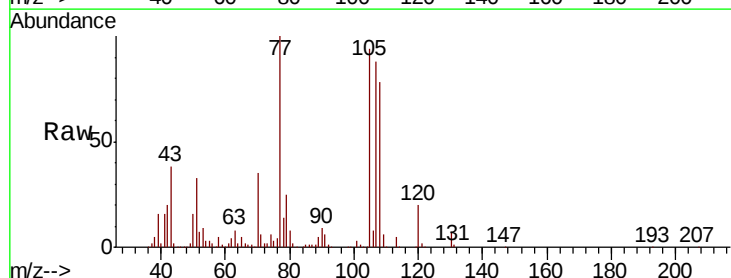
Ion Ratio Lower Upper

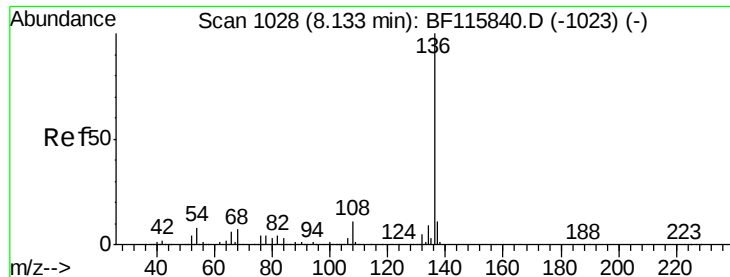
107 100

108 88.9 67.9 107.9

77 113.5 77.3 117.3

79 28.2 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 584609

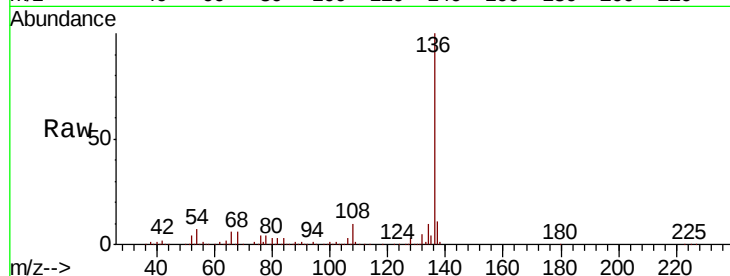
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 6.1 9.1

68 6.2 5.4 8.2

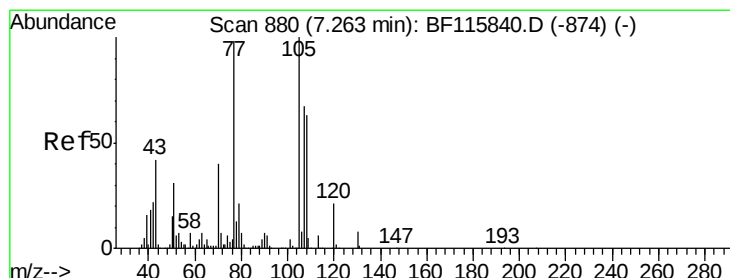
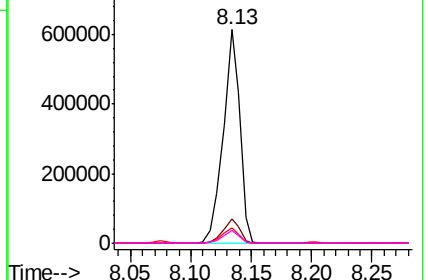
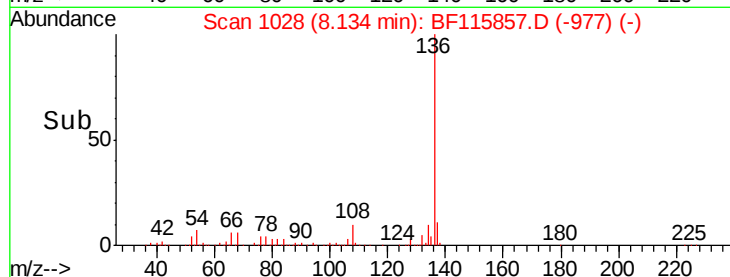


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.992 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Tgt Ion:105 Resp: 551214

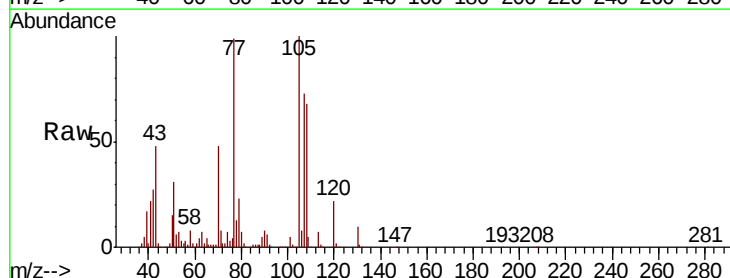
Ion Ratio Lower Upper

105 100

71 8.0 5.4 8.0#

51 30.6 24.6 36.8

120 22.0 17.0 25.6

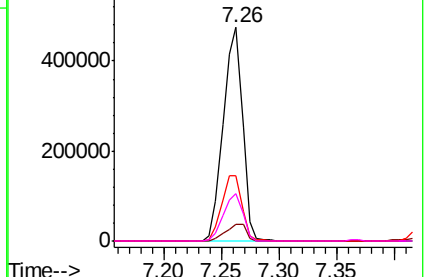
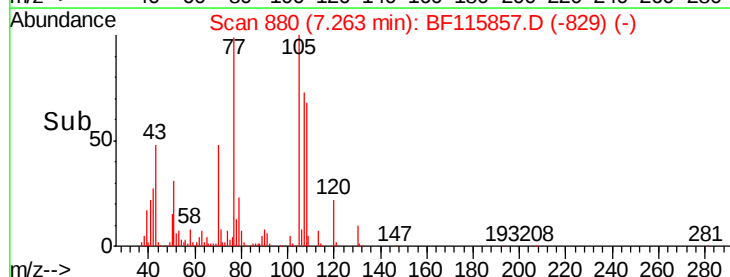


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

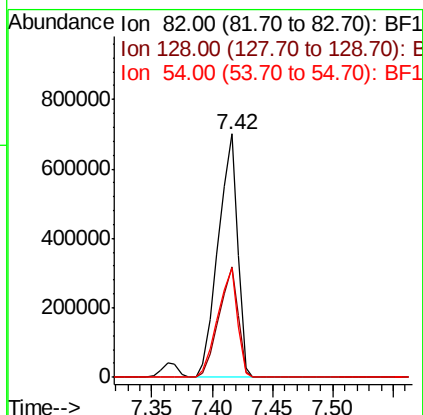
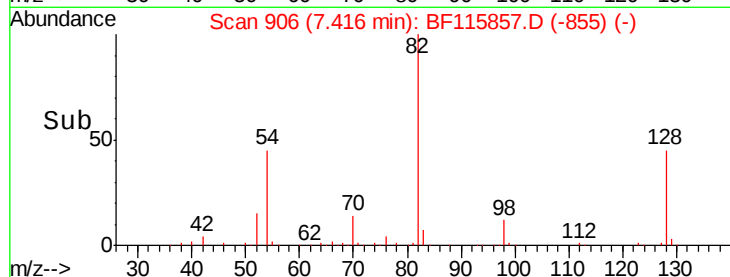
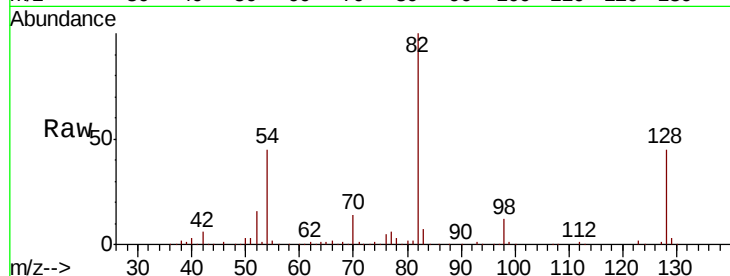




#23
Nitrobenzene-d5
Concen: 76.633 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

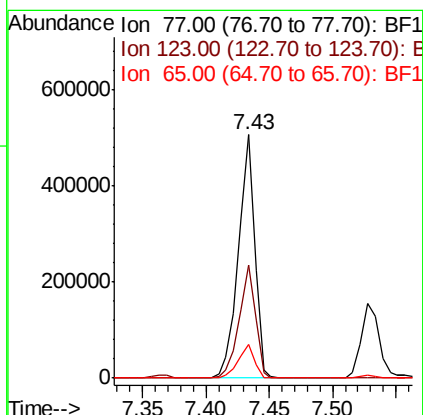
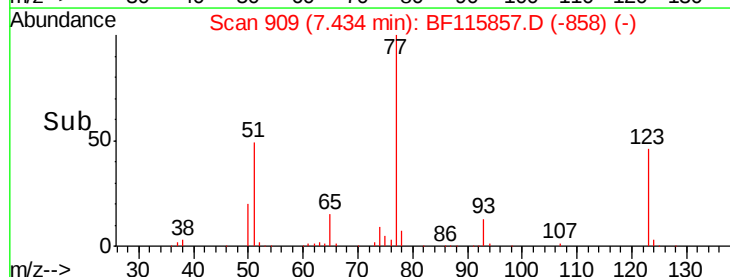
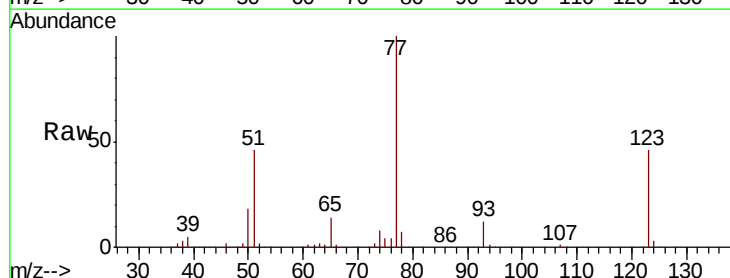
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 776129
Ion Ratio Lower Upper
82 100
128 45.4 36.6 55.0
54 45.0 36.6 55.0



#24
Nitrobenzene
Concen: 41.202 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion: 77 Resp: 450569
Ion Ratio Lower Upper
77 100
123 46.5 35.5 53.3
65 13.8 10.6 15.8

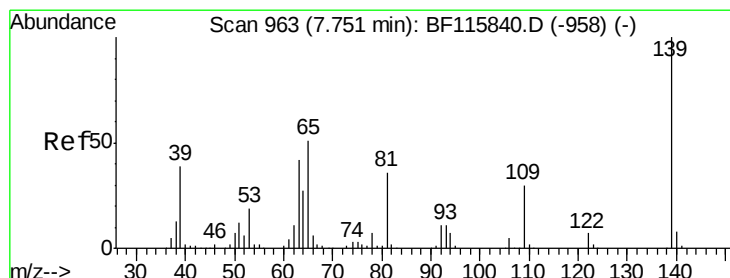
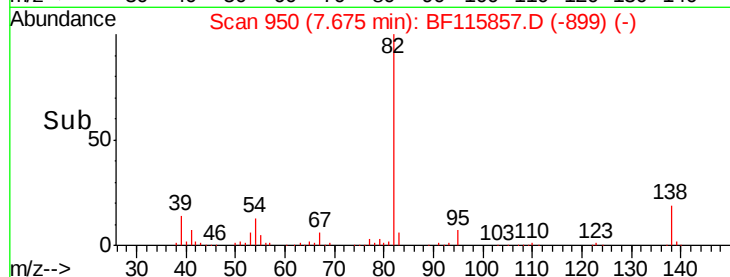
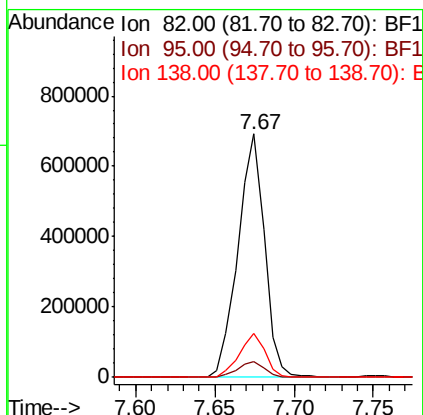
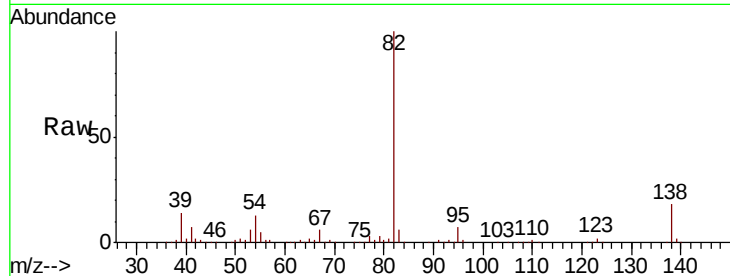




#25
Isophorone
Concen: 41.600 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

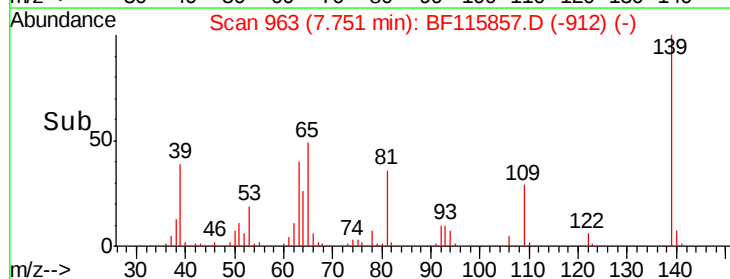
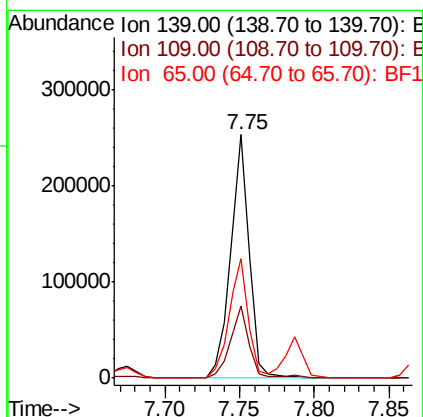
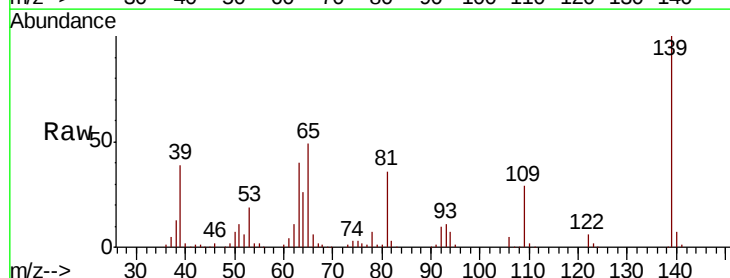
Instrument :
BNA_F
ClientSampleId :

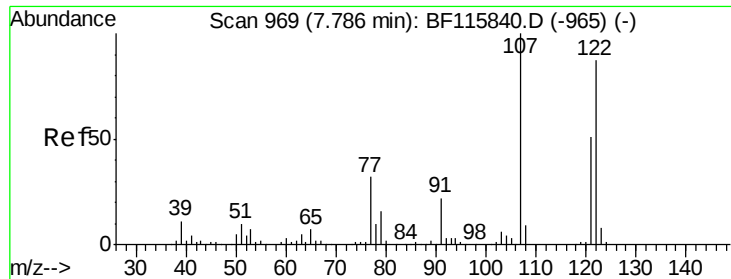
Tot Ion: 82 Resp: 805622
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 43.614 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion: 139 Resp: 224827
Ion Ratio Lower Upper
139 100
109 29.4 23.6 35.4
65 48.9 40.6 60.8

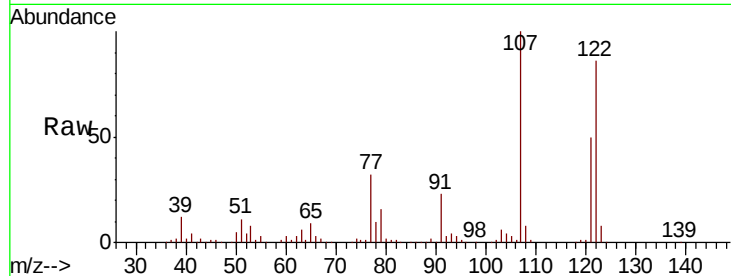




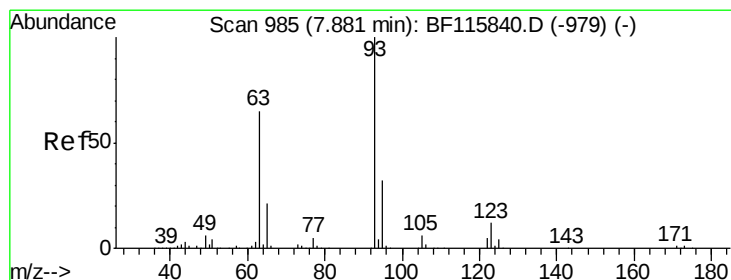
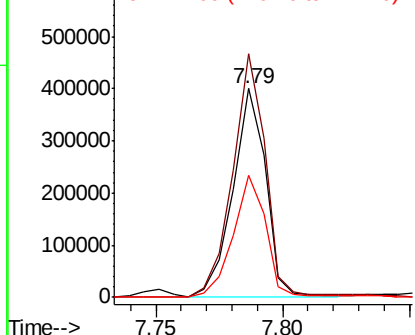
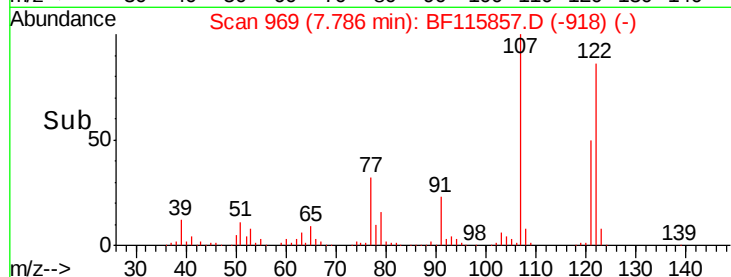
#27
 2,4-Dimethylphenol
 Concen: 46.645 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 361751
 Ion Ratio Lower Upper
 122 100
 107 116.7 91.7 137.5
 121 58.5 46.6 70.0

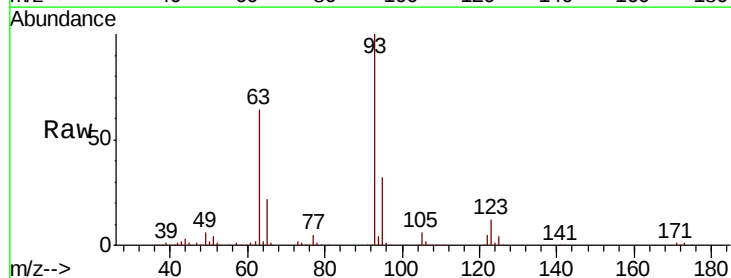


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

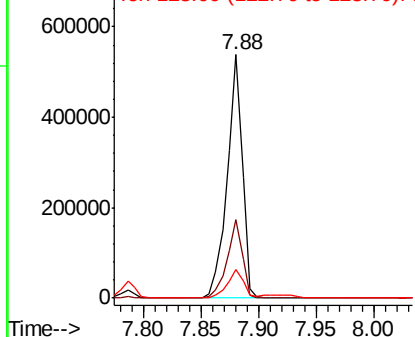
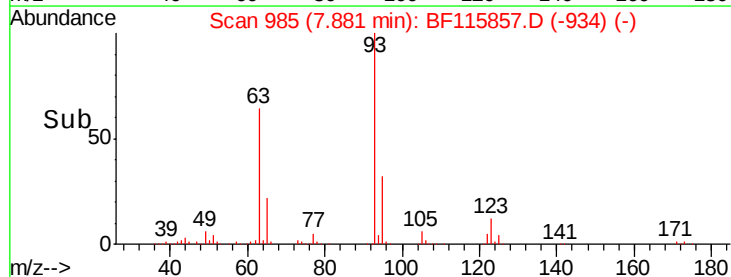


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.758 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion: 93 Resp: 489235
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 11.8 9.5 14.3



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

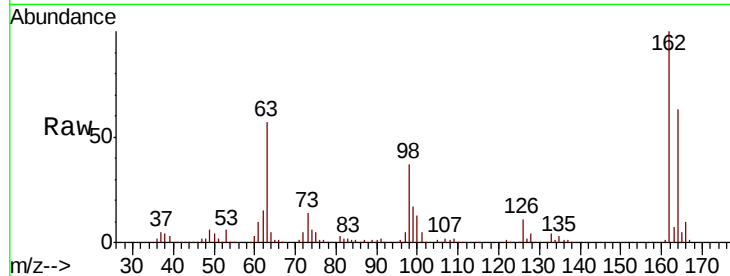




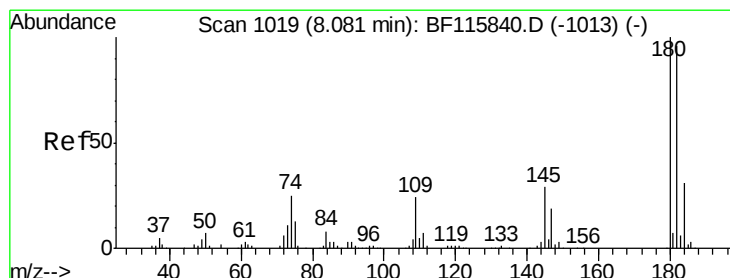
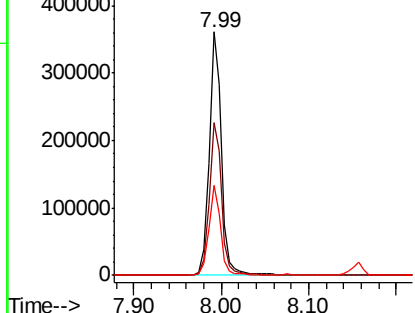
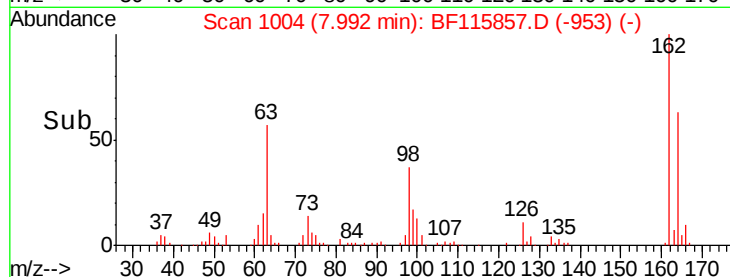
#29
2,4-Dichlorophenol
Concen: 42.562 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 348529
Ion Ratio Lower Upper
162 100
164 62.7 43.2 83.2
98 37.1 17.3 57.3

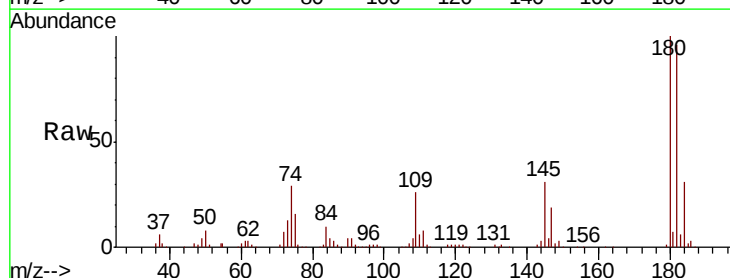


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

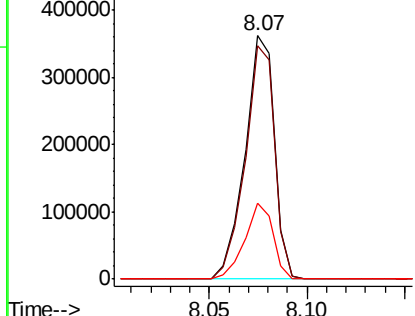
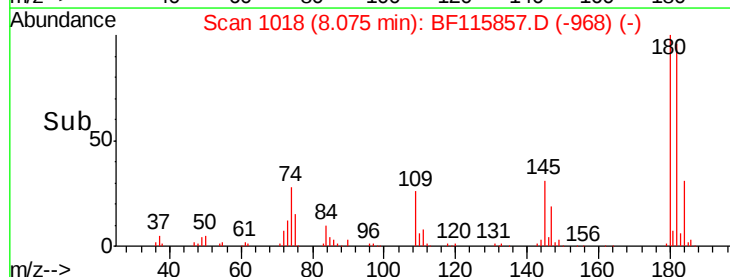


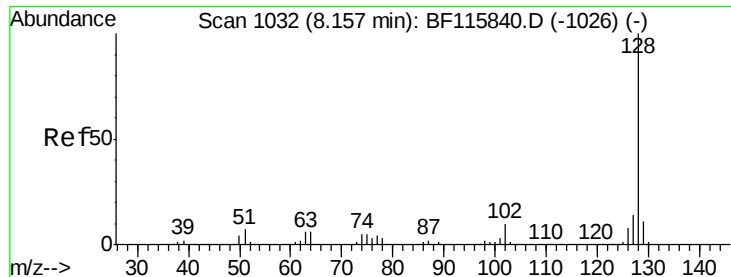
#30
1,2,4-Trichlorobenzene
Concen: 40.572 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:180 Resp: 378710
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 31.0 23.2 34.8



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

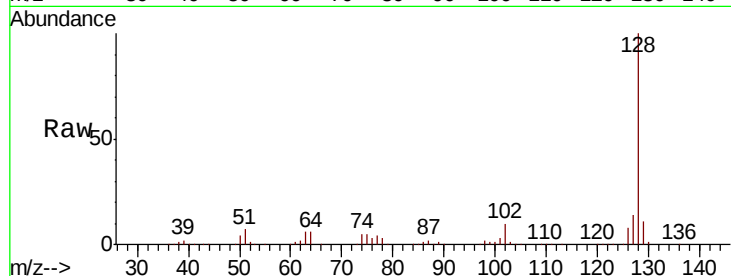




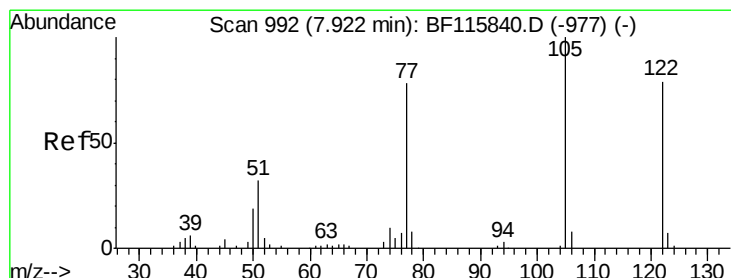
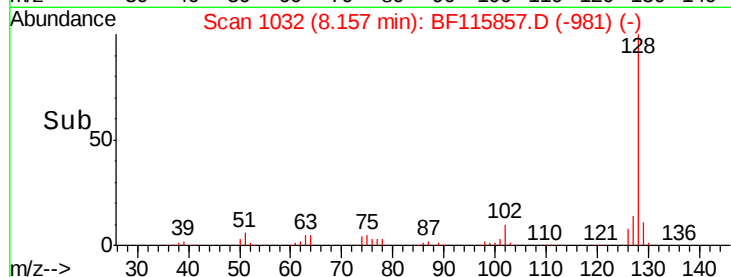
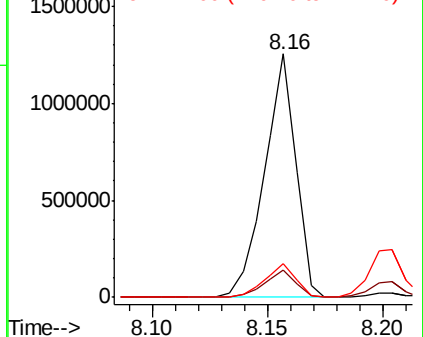
#31
Naphthalene
Concen: 42.908 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1180412
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.8 11.0 16.4

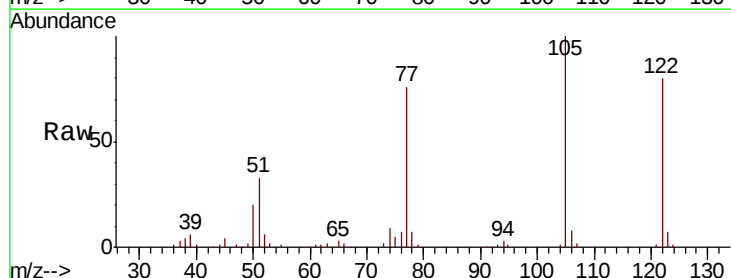


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

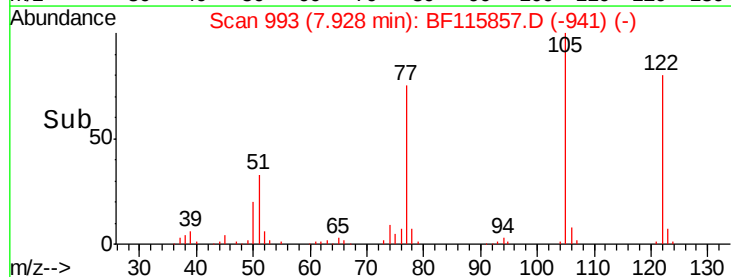
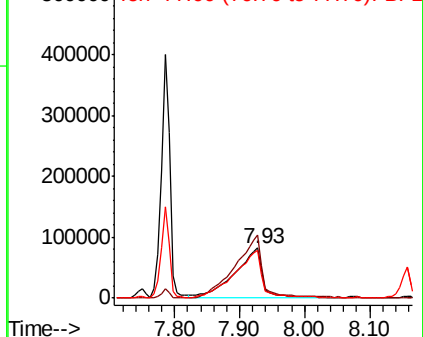


#32
Benzoic acid
Concen: 44.120 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:122 Resp: 241238
Ion Ratio Lower Upper
122 100
105 125.3 103.1 143.1
77 95.2 76.8 116.8



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

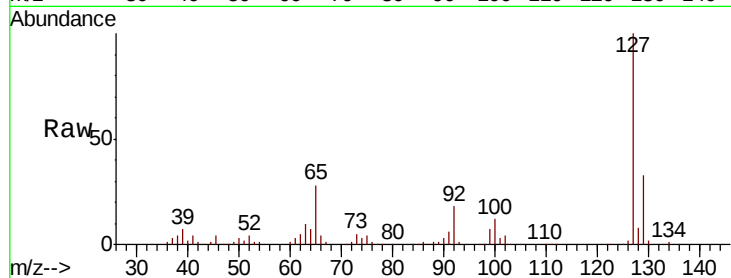




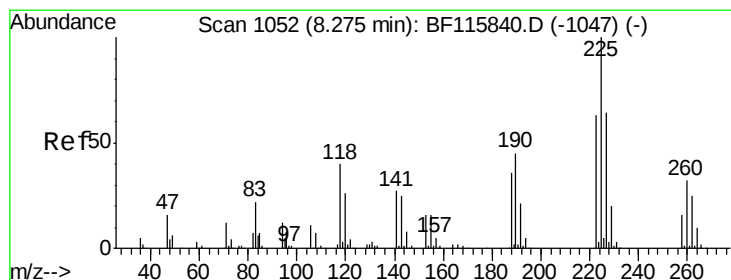
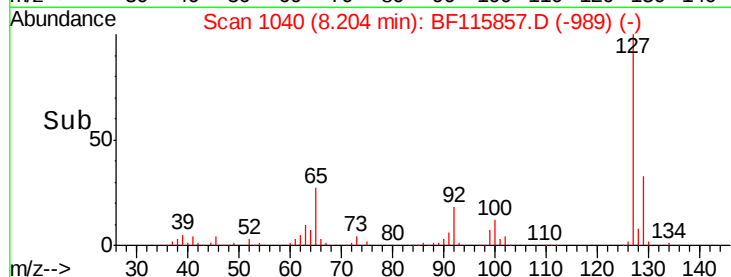
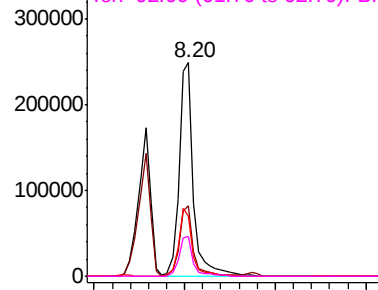
#33
4-Chloroaniline
Concen: 22.495 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	276506
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.0 39.0
65	28.4	23.9 35.9
92	18.3	14.9 22.3

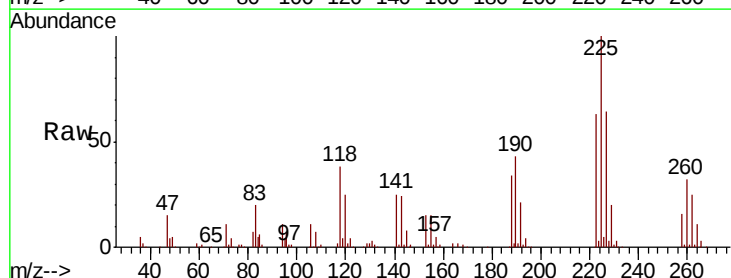


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

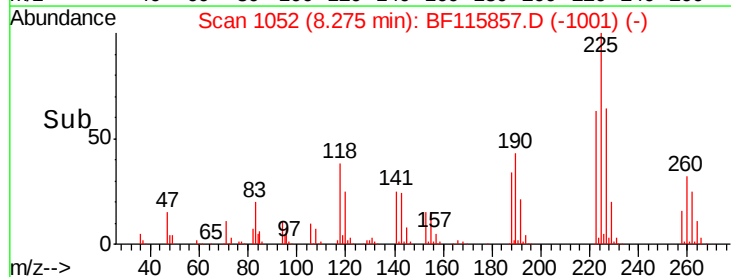
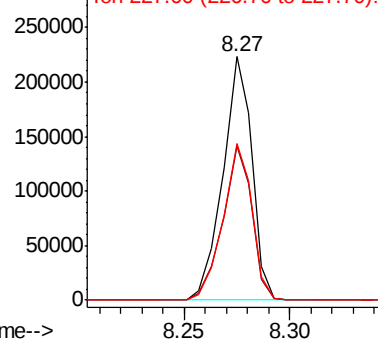


#34
Hexachlorobutadiene
Concen: 39.866 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:225	Resp:	214343
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.4 75.6
227	64.1	51.6 77.4



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

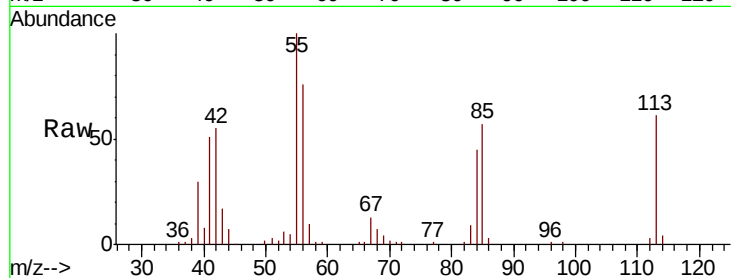




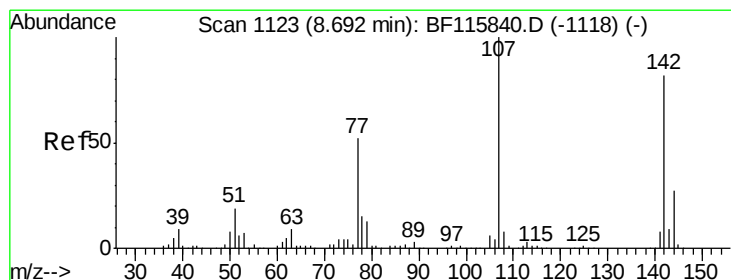
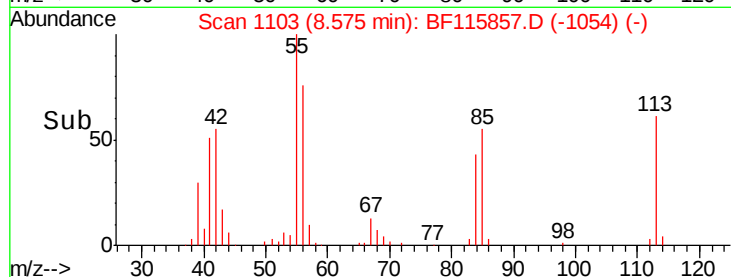
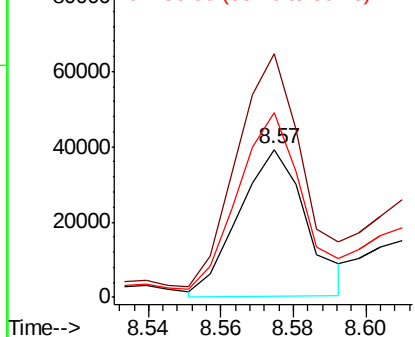
#35
Caprolactam
Concen: 19.072 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 50510
Ion Ratio Lower Upper
113 100
55 164.9 138.1 178.1
56 124.8 100.6 140.6

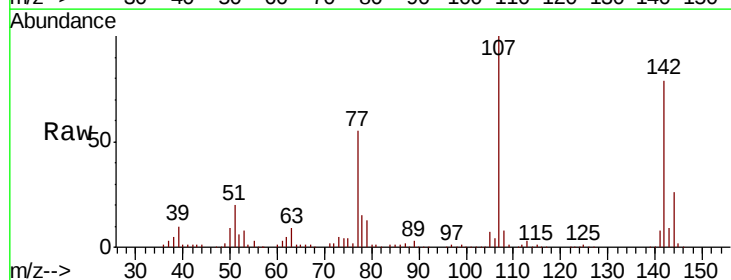


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

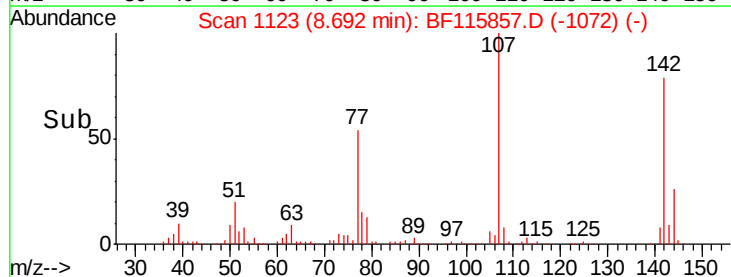
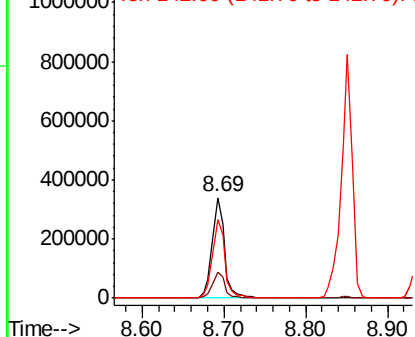


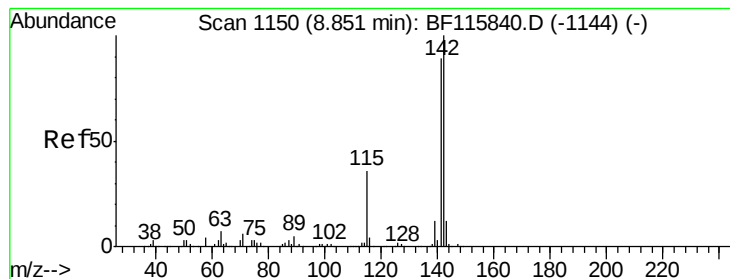
#36
4-Chloro-3-methylphenol
Concen: 42.509 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:107 Resp: 362124
Ion Ratio Lower Upper
107 100
144 25.6 21.4 32.0
142 78.8 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.510 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

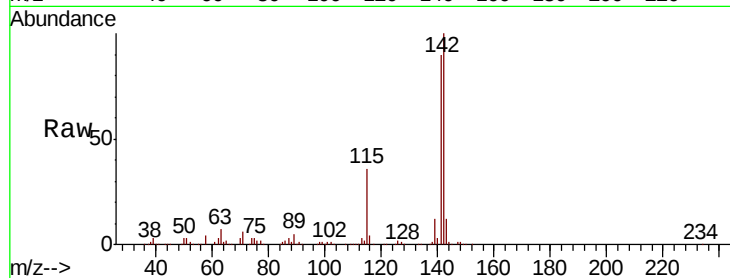
Tot Ion:142 Resp: 788310

Ion Ratio Lower Upper

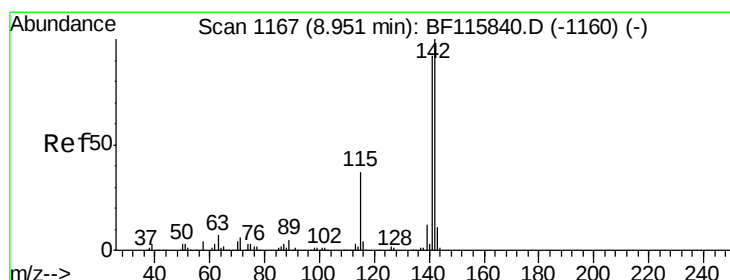
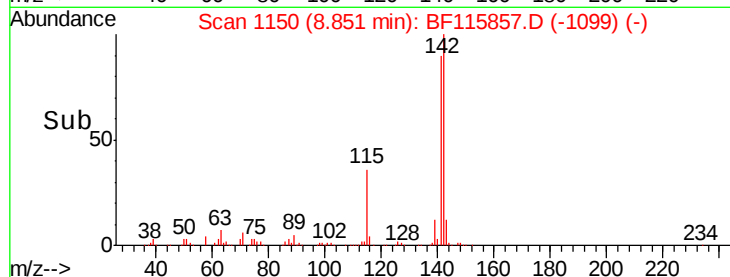
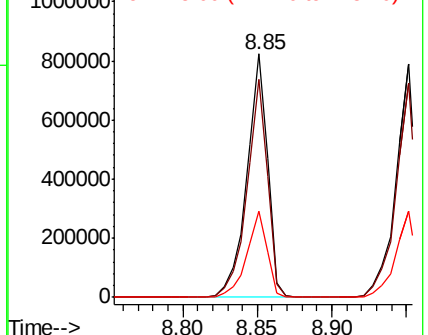
142 100

141 89.7 71.4 107.2

115 35.5 28.9 43.3



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: 42.842 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

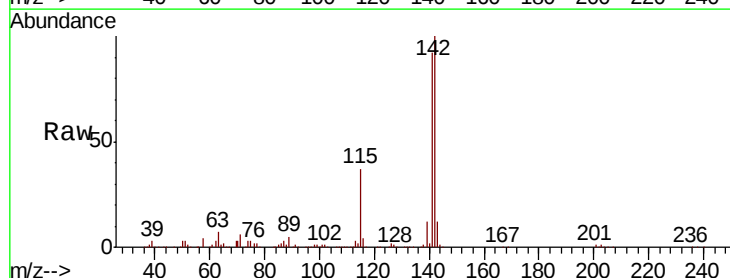
Tgt Ion:142 Resp: 734324

Ion Ratio Lower Upper

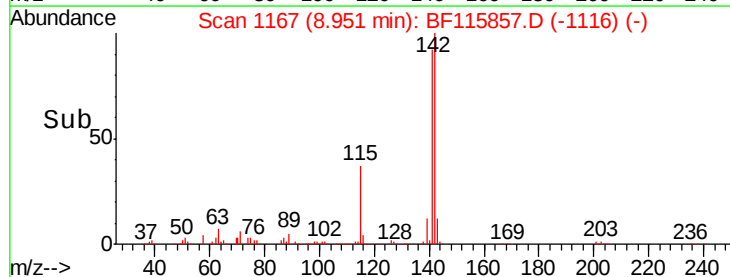
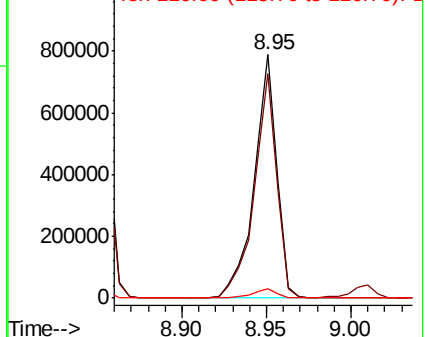
142 100

141 92.1 73.8 110.6

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

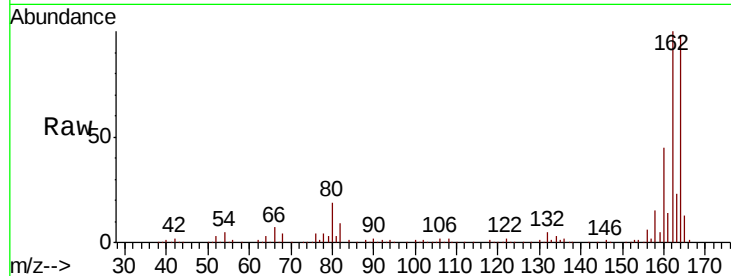




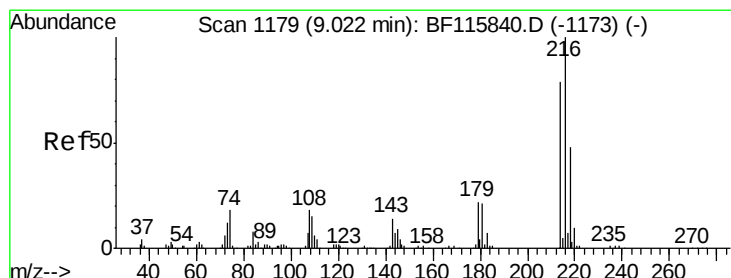
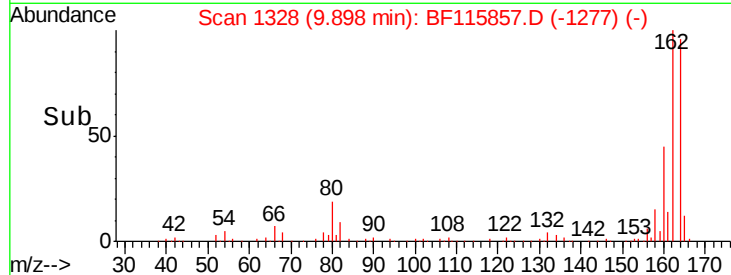
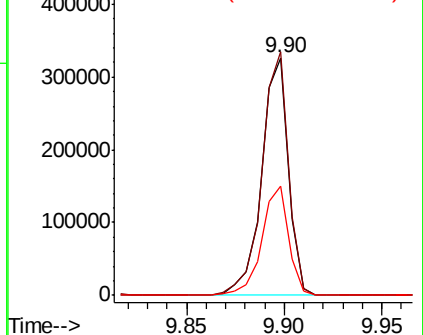
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 309318
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 45.9 36.2 54.4

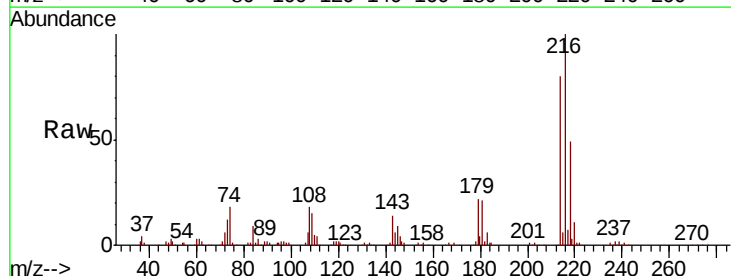


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

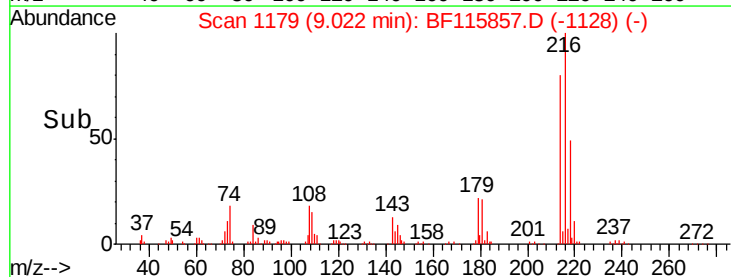
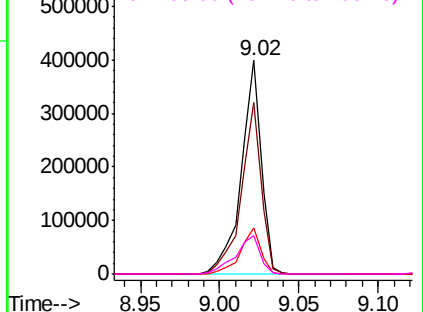


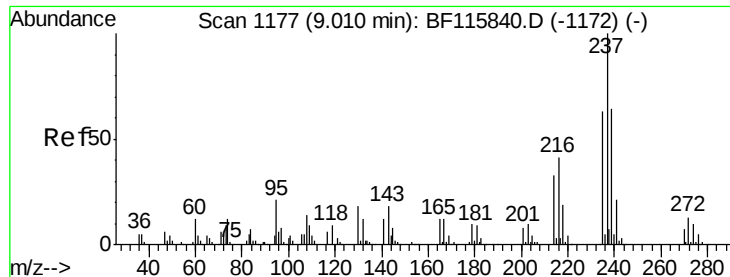
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.216 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:216 Resp: 349097
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 21.7 17.6 26.4
108 22.1 16.1 24.1



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: 83.095 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

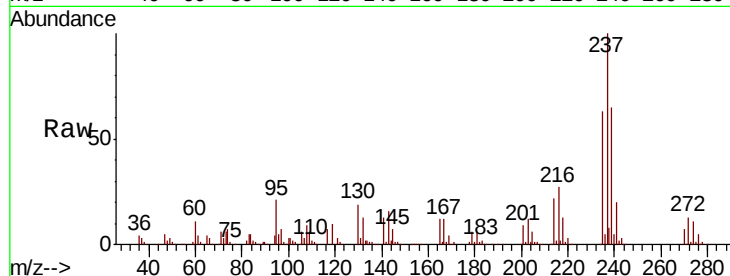
Tot Ion:237 Resp: 309394

Ion Ratio Lower Upper

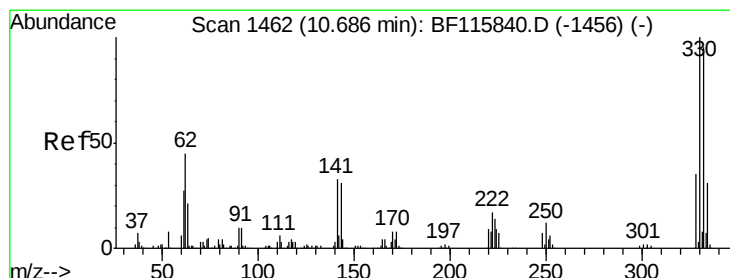
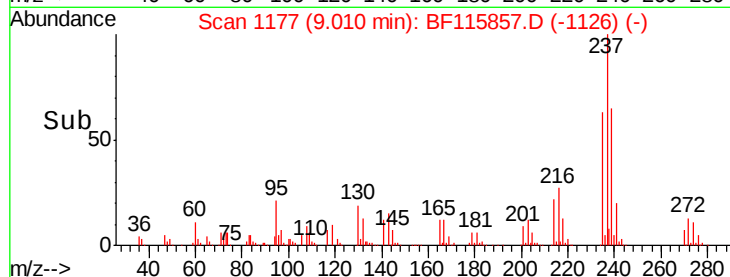
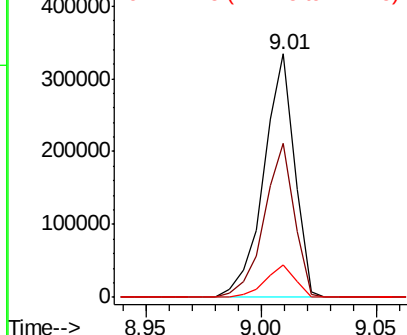
237 100

235 63.0 42.5 82.5

272 13.5 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: 112.357 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

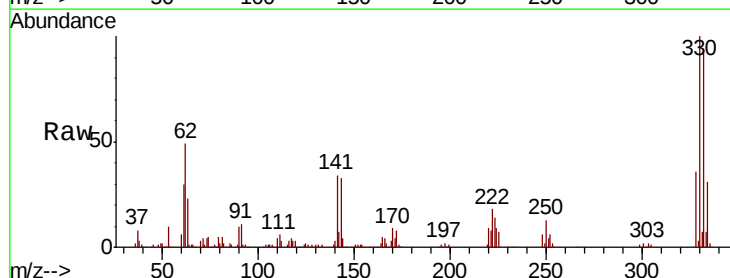
Tgt Ion:330 Resp: 336950

Ion Ratio Lower Upper

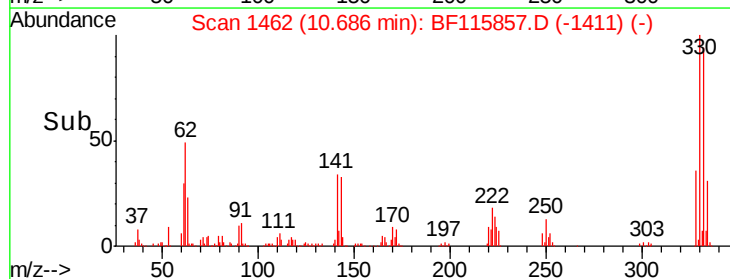
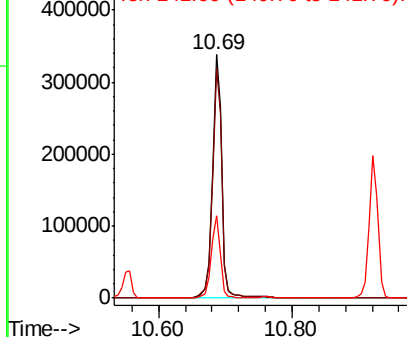
330 100

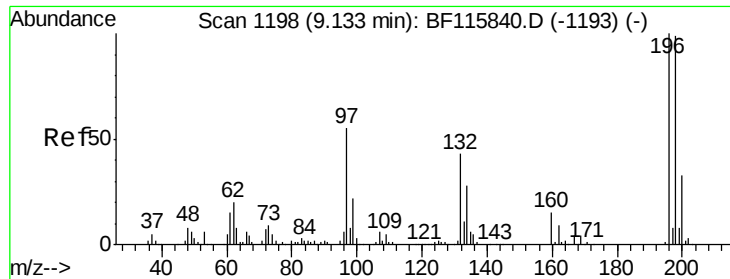
332 94.7 77.7 116.5

141 33.1 28.1 42.1



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

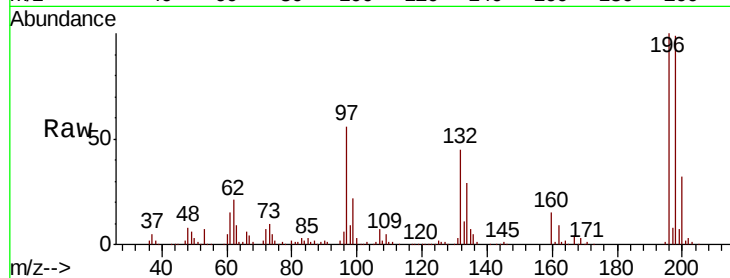




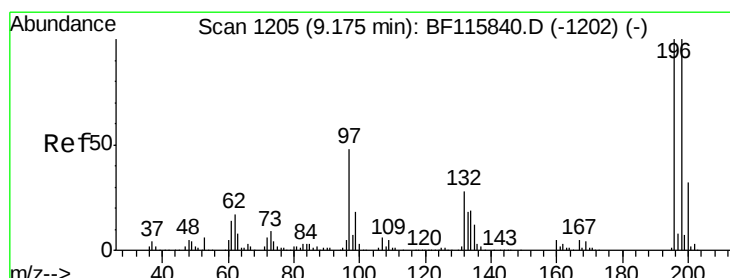
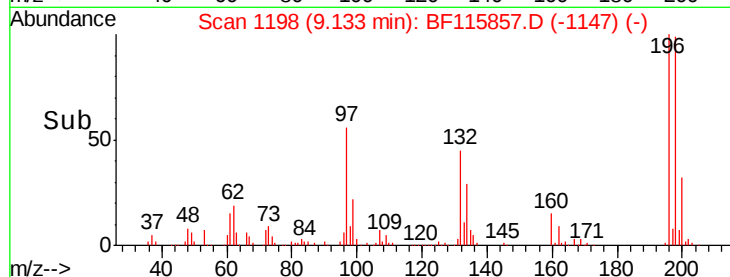
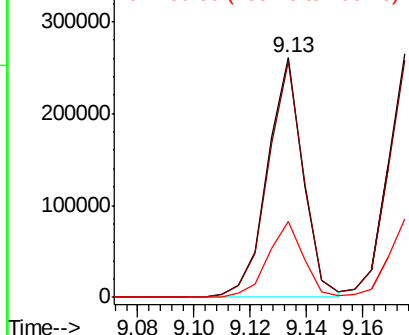
#43
 2,4,6-Trichlorophenol
 Concen: 40.054 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 227981
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.1 118.7
 200 32.0 26.0 39.0



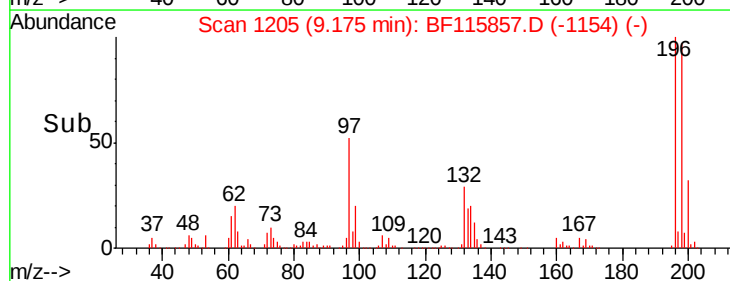
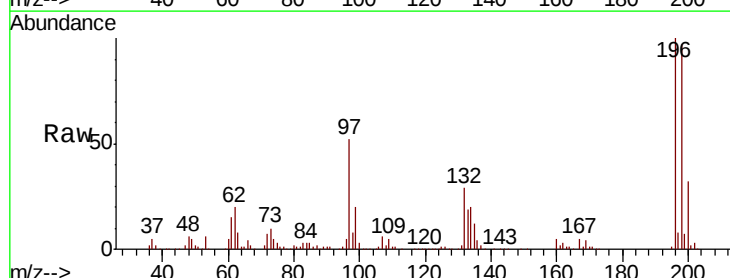
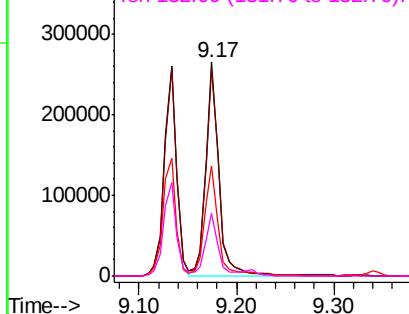
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

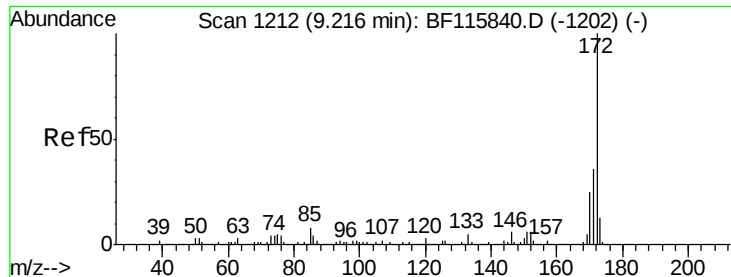


#44
 2,4,5-Trichlorophenol
 Concen: 41.655 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:196 Resp: 245085
 Ion Ratio Lower Upper
 196 100
 198 97.4 80.1 120.1
 97 51.6 38.9 58.3
 132 29.3 22.6 33.8

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



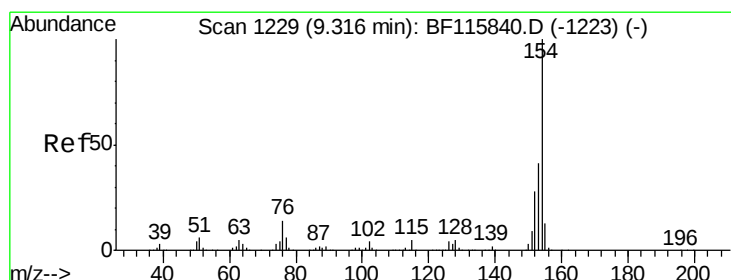
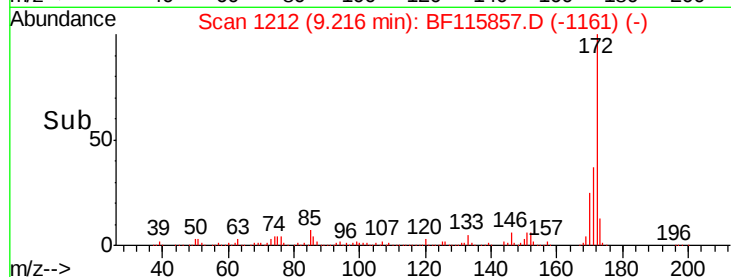
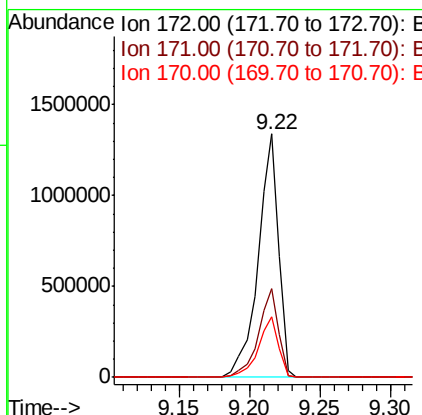
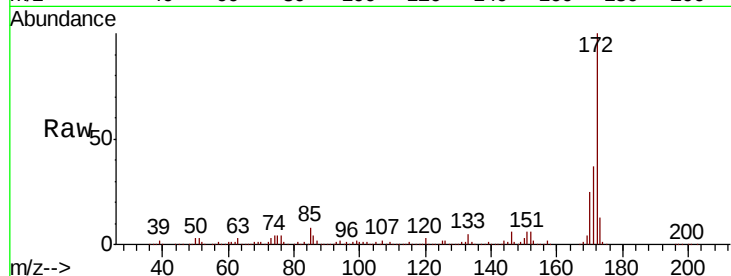


#45
 2-Fluorobiphenyl
 Concen: 82.711 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1365877

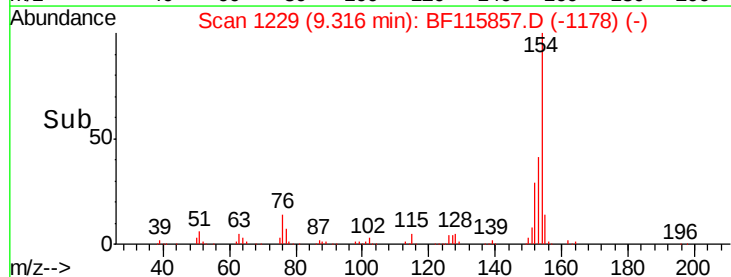
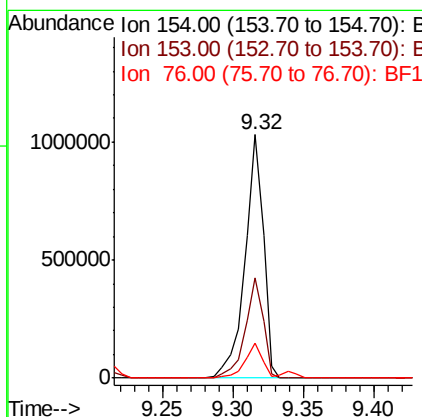
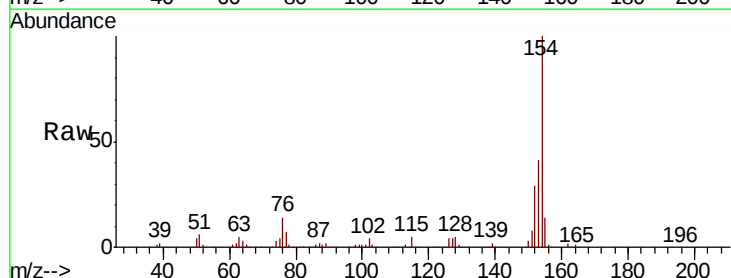
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.0	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 42.918 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:154 Resp: 937240

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.4	0.0	34.3

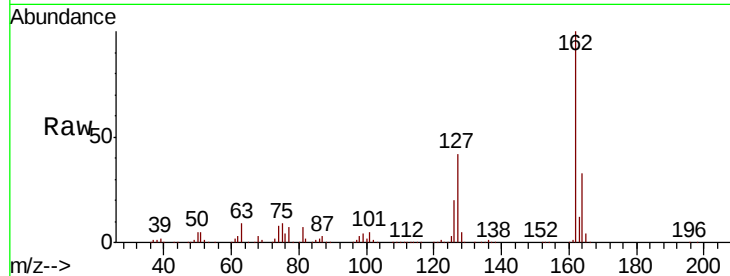




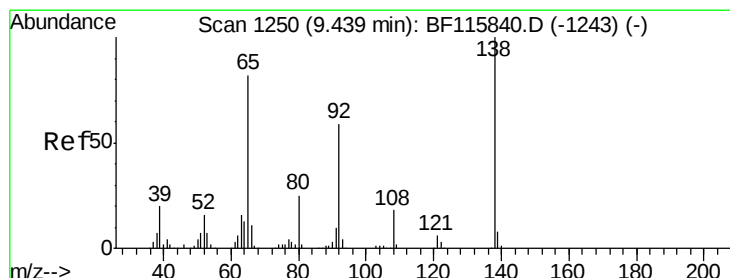
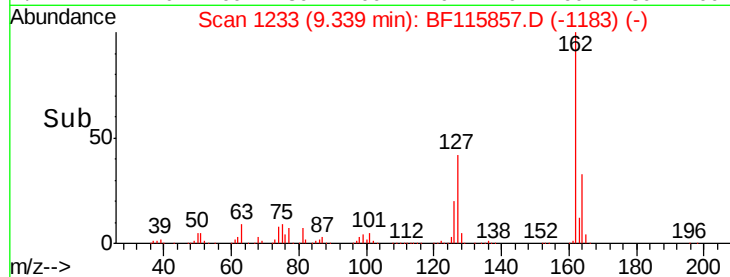
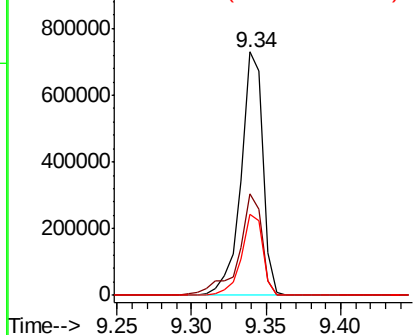
#47
 2-Chloronaphthalene
 Concen: 40.609 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.3	46.9
164	33.2	26.6	40.0

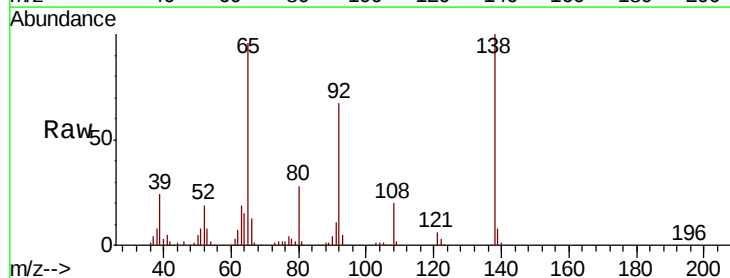


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

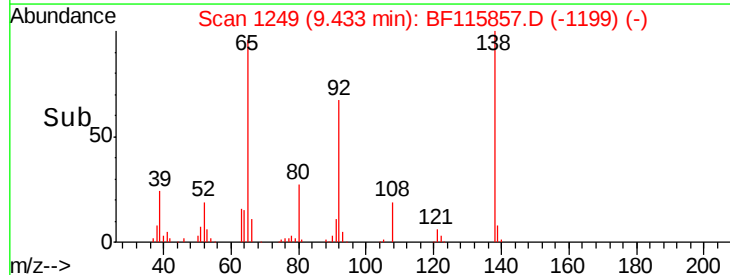
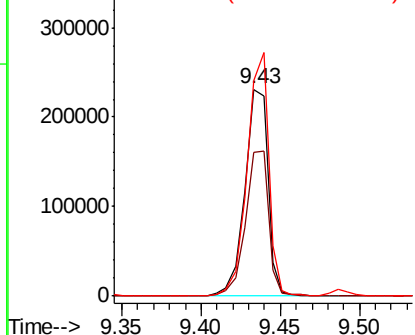


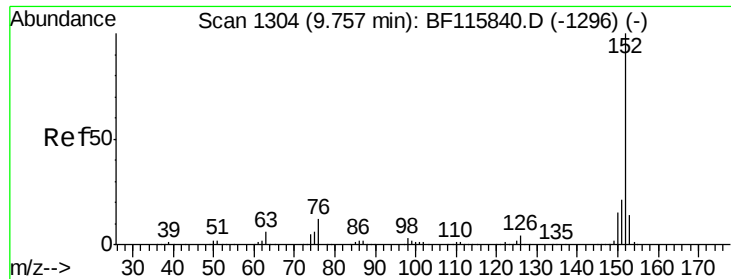
#48
 2-Nitroaniline
 Concen: 39.087 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.1	85.7
138	104.2	97.1	145.7



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: 43.088 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

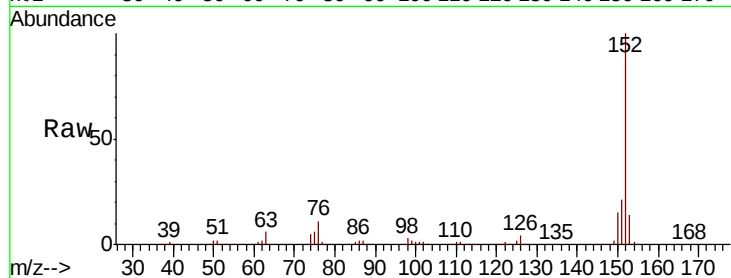
Tot Ion:152 Resp: 1142530

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

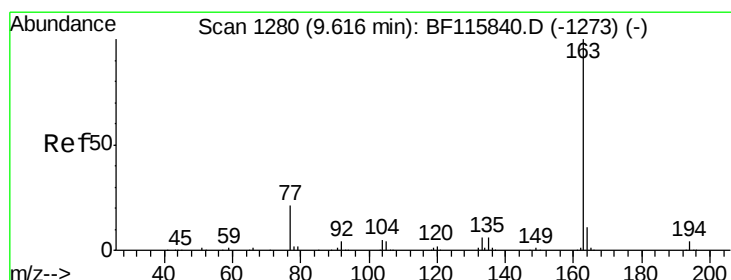
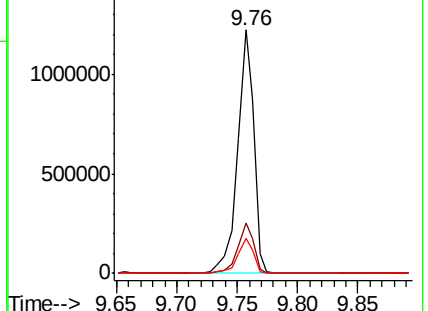
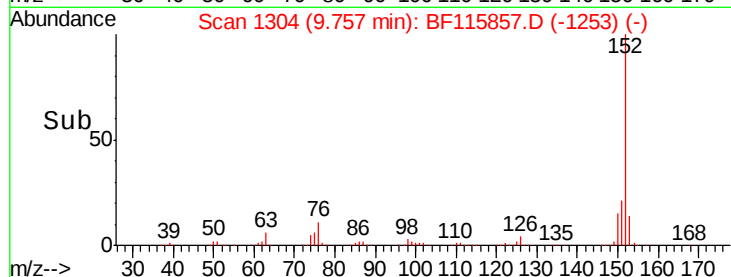
153 14.2 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.839 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

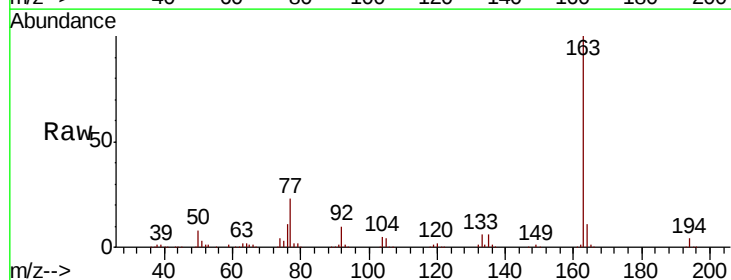
Tgt Ion:163 Resp: 839044

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

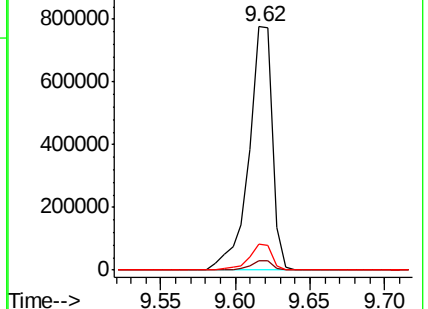
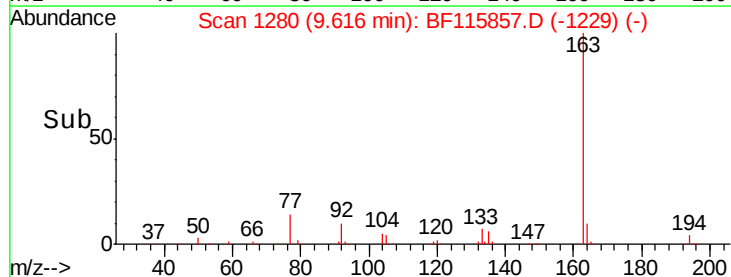
164 10.5 8.4 12.6

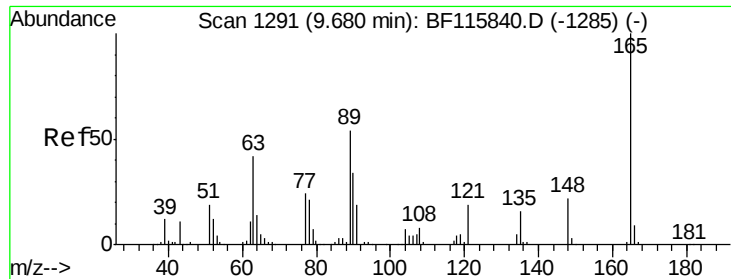


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

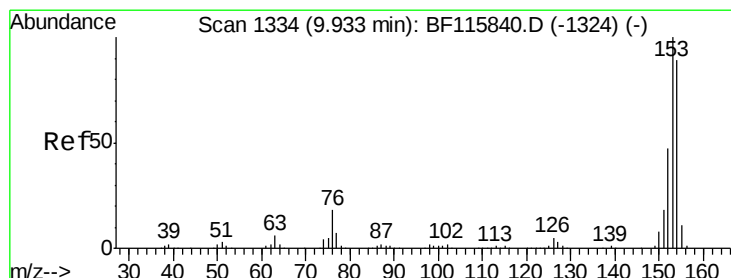
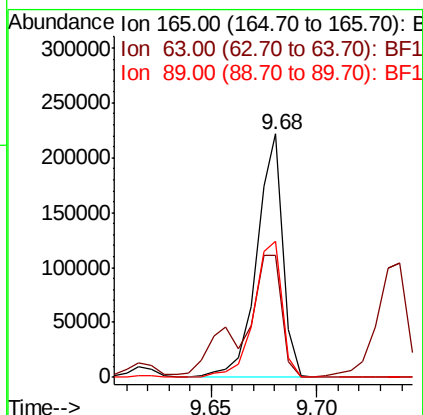
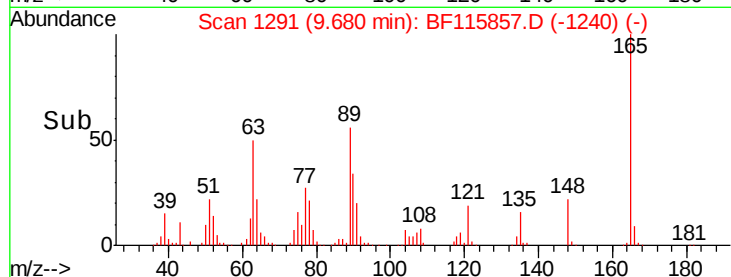
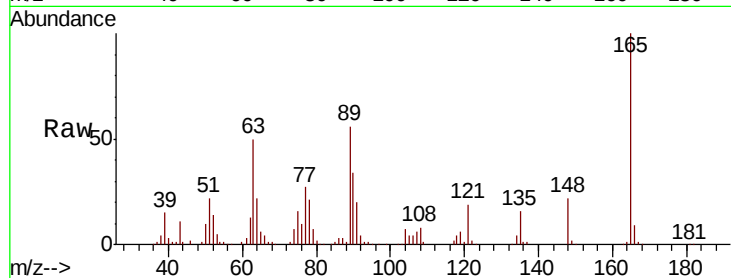




#51
 2,6-Dinitrotoluene
 Concen: 41.367 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

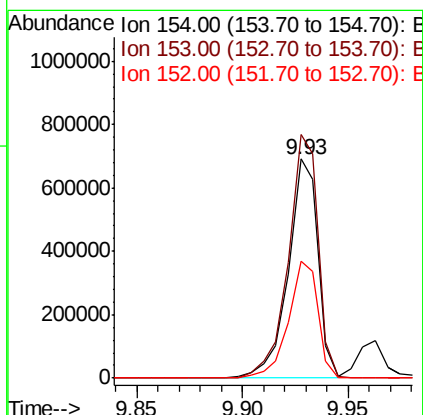
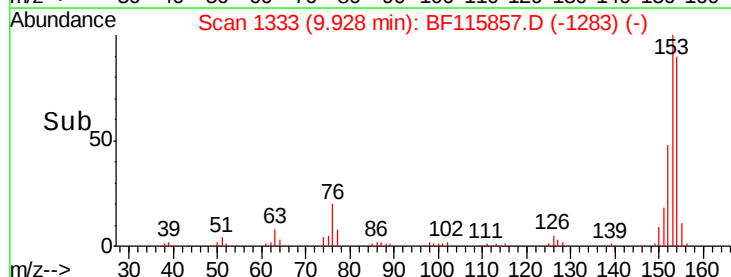
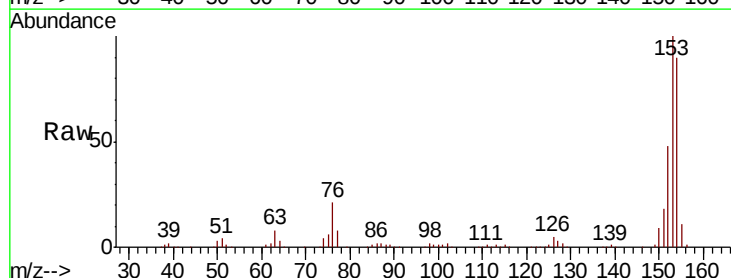
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 189333
 Ion Ratio Lower Upper
 165 100
 63 50.2 39.4 59.2
 89 55.8 43.0 64.6



#52
 Acenaphthene
 Concen: 41.801 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:154 Resp: 679988
 Ion Ratio Lower Upper
 154 100
 153 111.2 90.1 135.1
 152 53.3 42.6 63.8

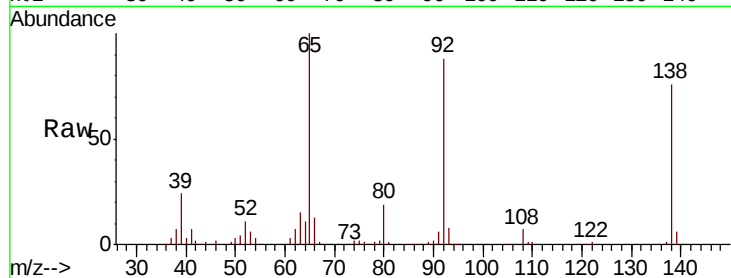




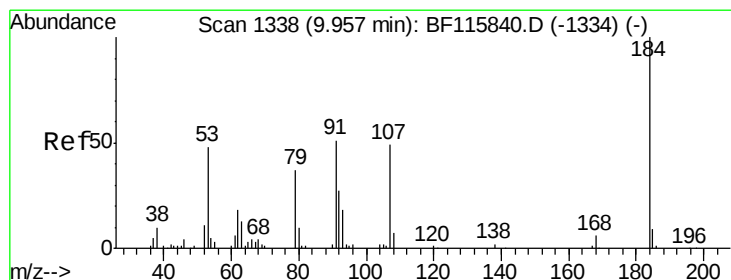
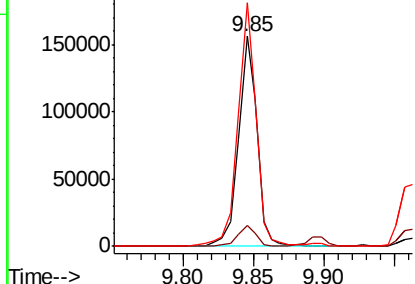
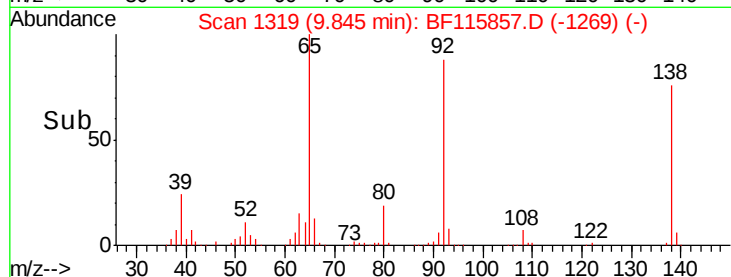
#53
 3-Nitroaniline
 Concen: 25.116 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 142039
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.2
 92 115.9 83.9 125.9

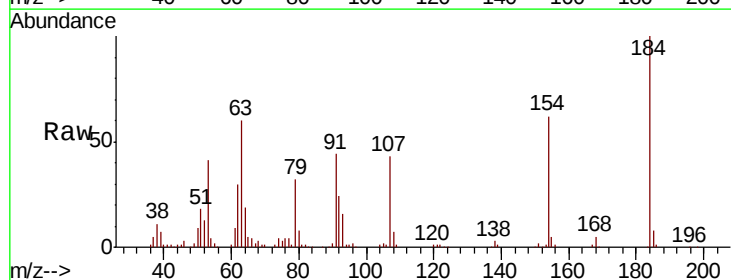


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

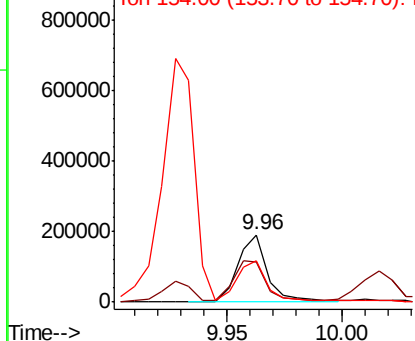
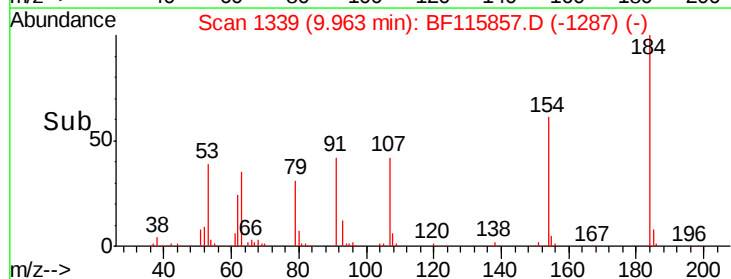


#54
 2,4-Dinitrophenol
 Concen: 75.108 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:184 Resp: 173612
 Ion Ratio Lower Upper
 184 100
 63 59.5 56.7 85.1
 154 61.6 51.9 77.9



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

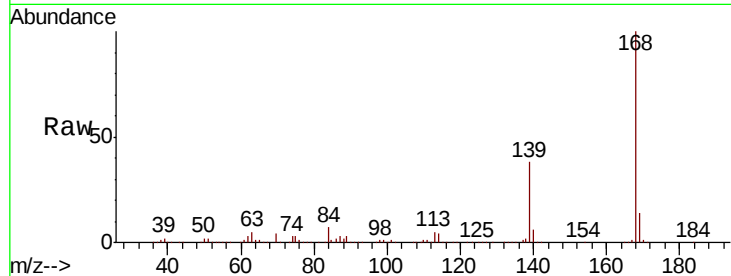




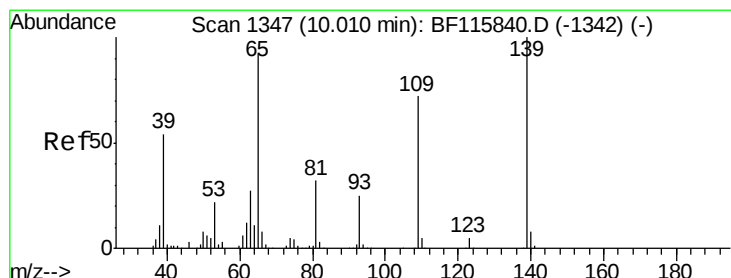
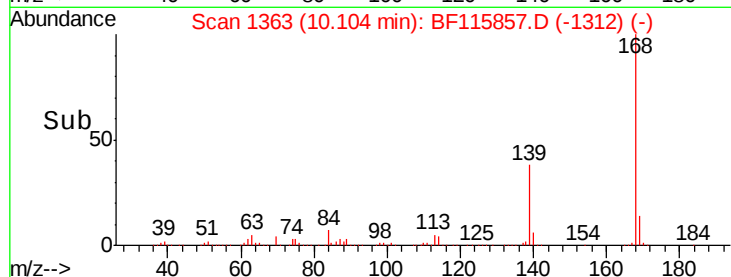
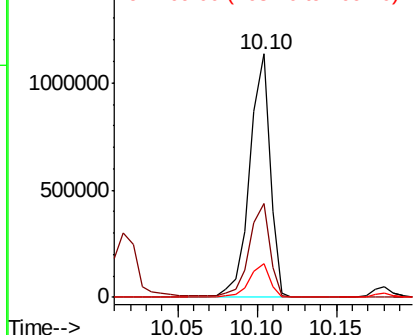
#55
Dibenzofuran
Concen: 42.795 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1012388
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.2
169 13.9 10.8 16.2

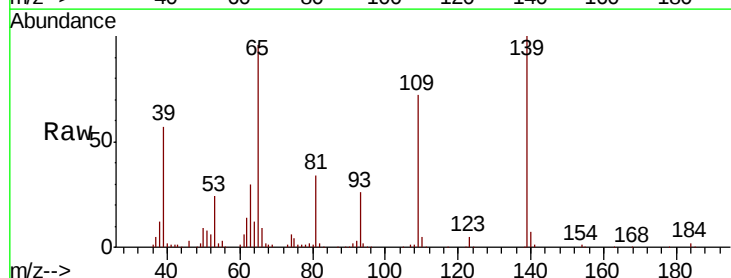


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

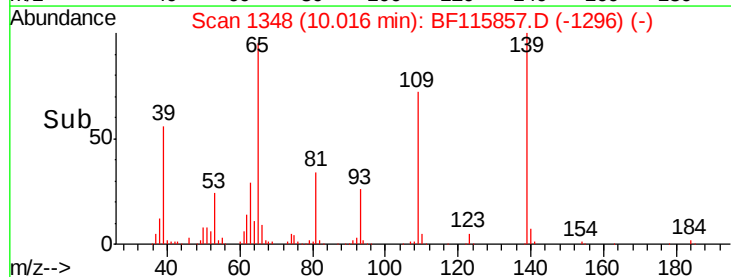
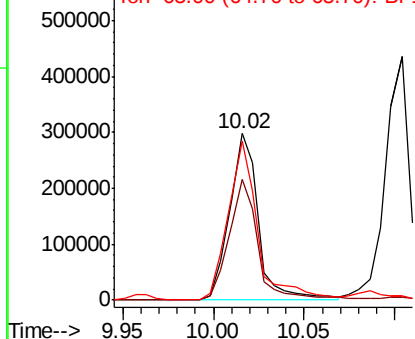


#56
4-Nitrophenol
Concen: 91.139 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:139 Resp: 330183
Ion Ratio Lower Upper
139 100
109 72.3 52.0 92.0
65 95.5 72.6 112.6



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

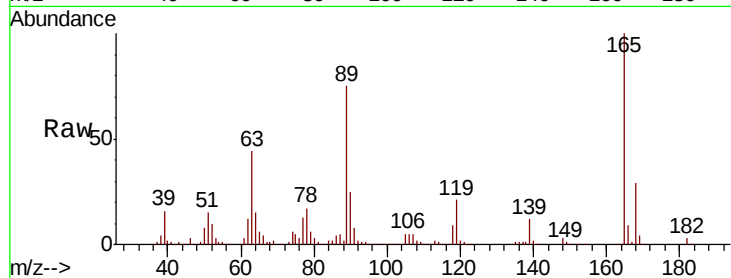




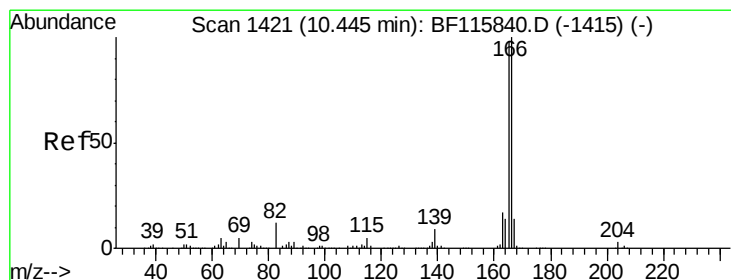
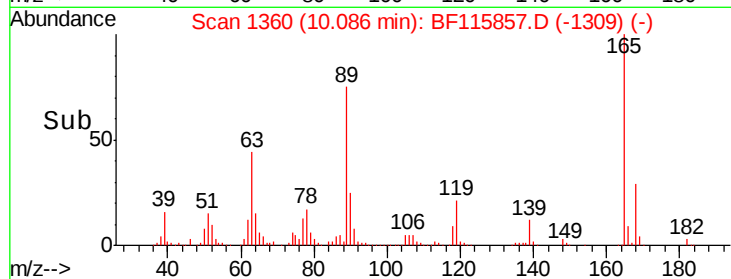
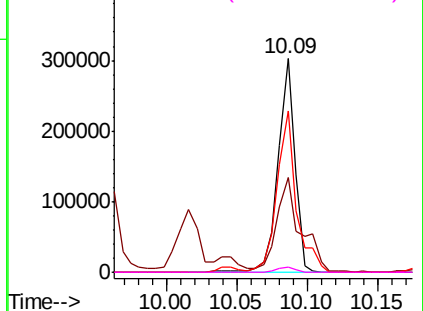
#57
2,4-Dinitrotoluene
Concen: 41.570 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.2	49.8
89	75.3	57.3	85.9
182	2.6	2.1	3.1

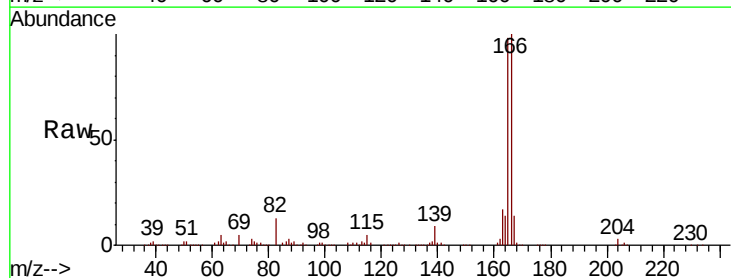


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

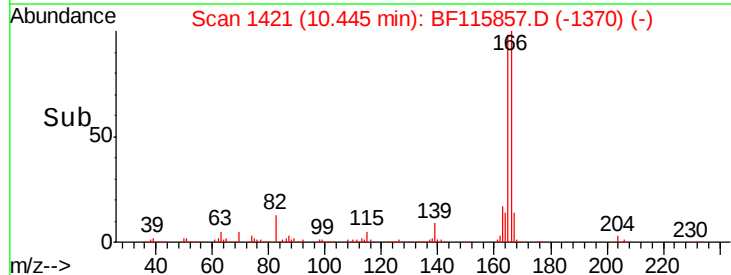
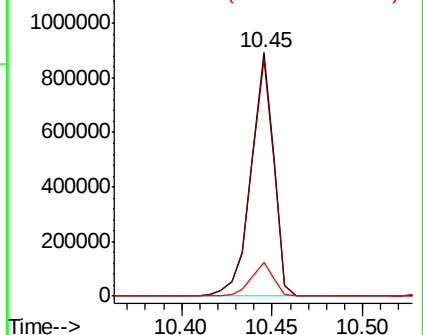


#58
Fluorene
Concen: 42.450 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	118.0
167	13.7	10.9	16.3



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

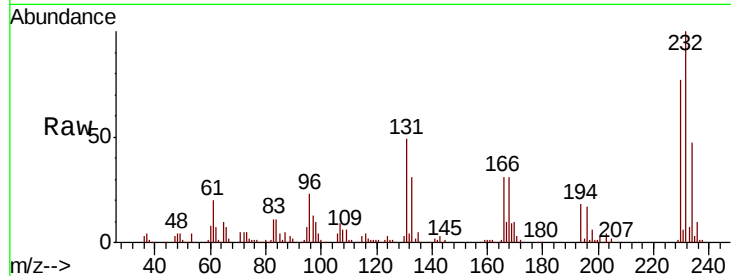




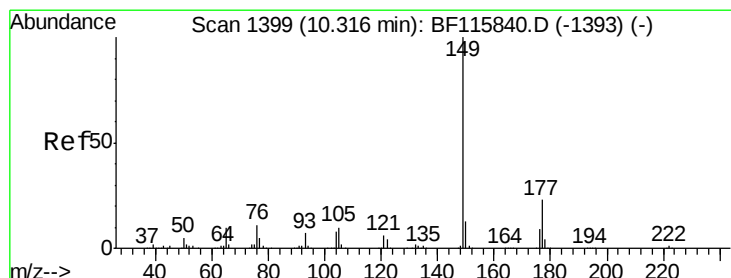
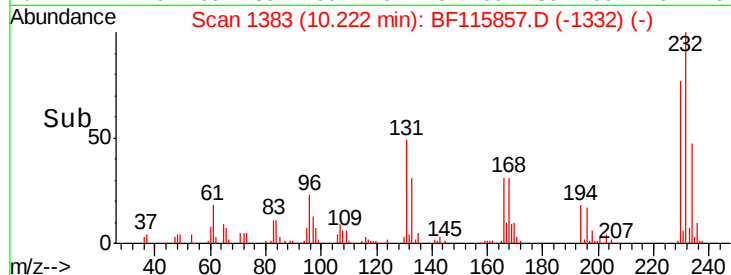
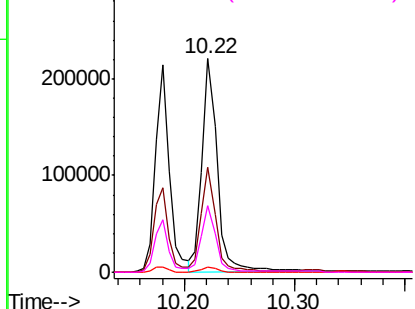
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.547 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 205659
 Ion Ratio Lower Upper
 232 100
 131 47.3 37.6 56.4
 130 2.5 1.8 2.8
 166 30.1 24.6 37.0

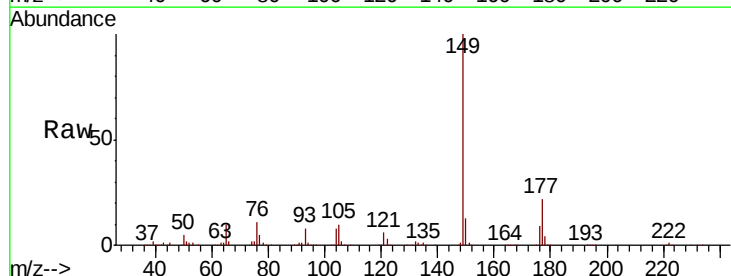


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

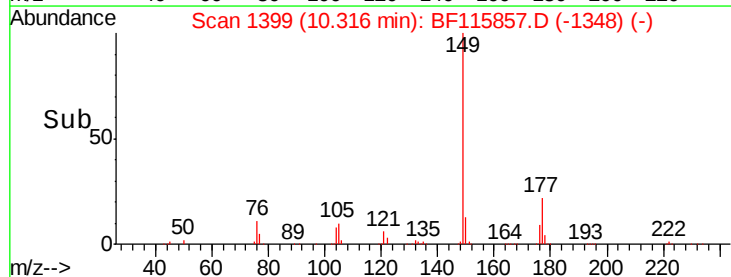
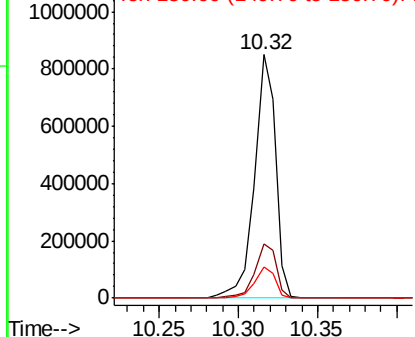


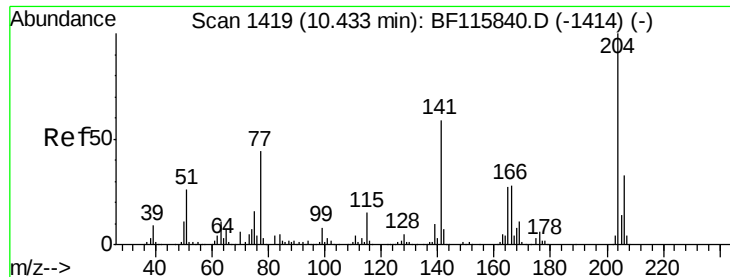
#60
 Diethylphthalate
 Concen: 39.951 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:149 Resp: 785561
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.4 27.6
 150 12.8 10.1 15.1



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

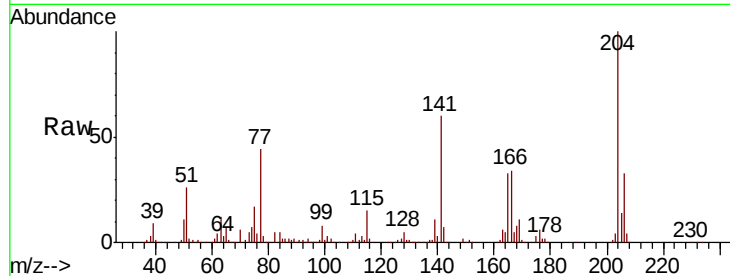




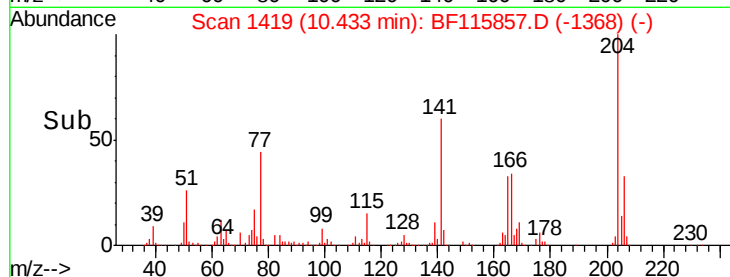
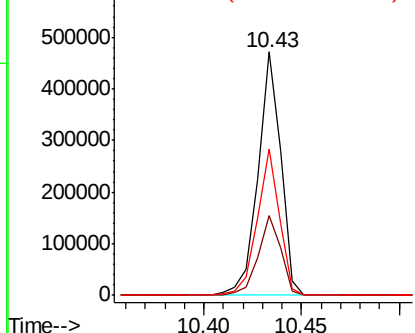
#61
4-Chlorophenyl-phenylether
Concen: 41.192 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 379703
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 60.1 47.0 70.4

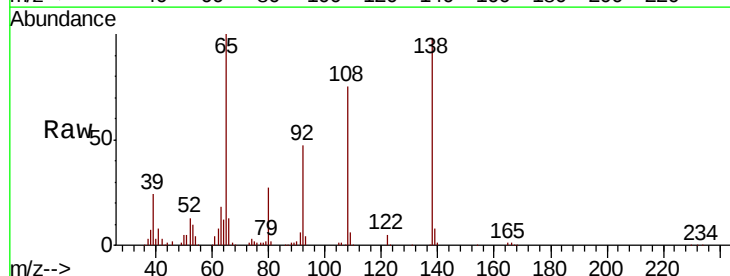


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

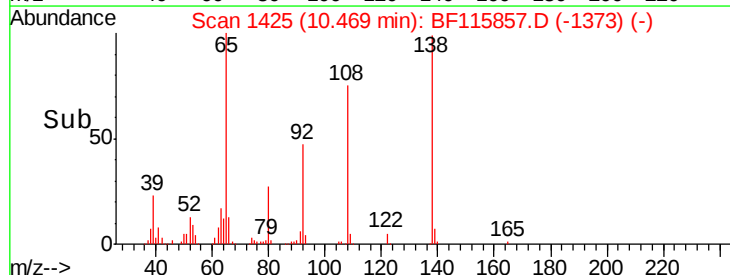
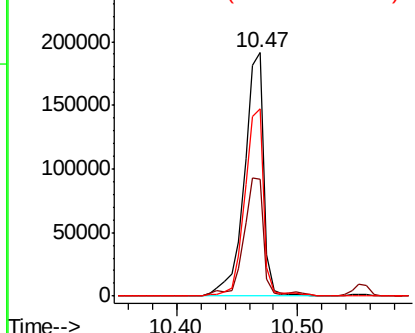


#62
4-Nitroaniline
Concen: 36.625 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:138 Resp: 214057
Ion Ratio Lower Upper
138 100
92 48.0 31.0 71.0
108 76.8 56.7 96.7



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: 41.226 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 833792

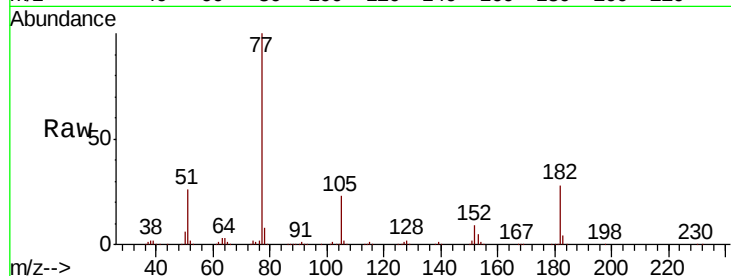
Ion Ratio Lower Upper

77 100

182 27.9 2.6 42.6

105 22.9 1.6 41.6

51 26.2 7.4 47.4

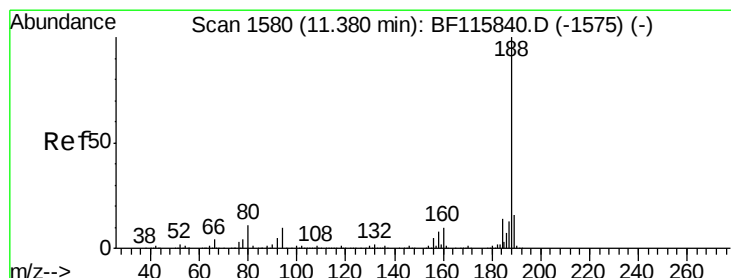
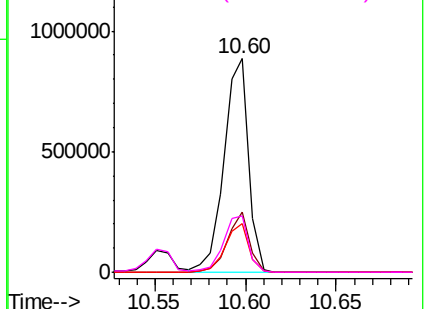
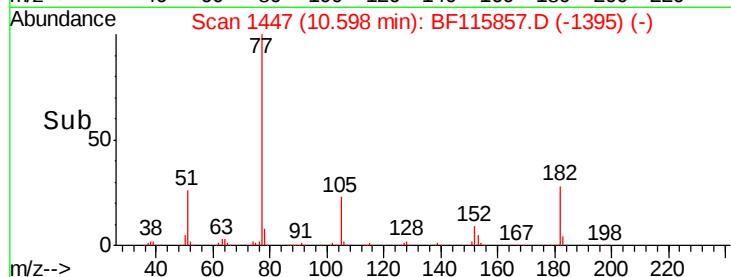


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

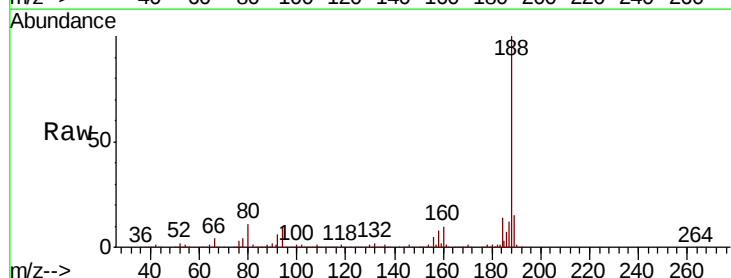
Tgt Ion: 188 Resp: 535004

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

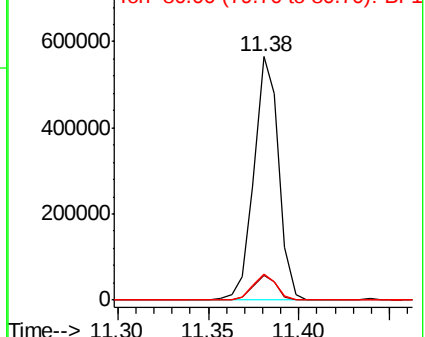
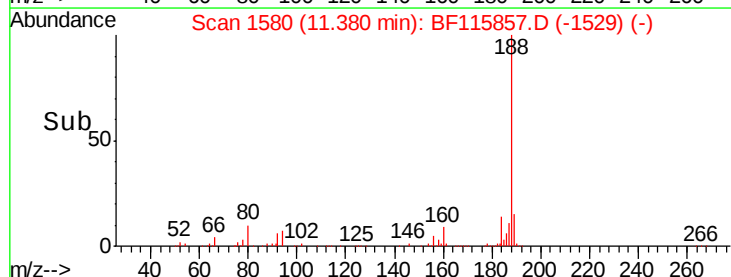
80 10.8 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.551 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

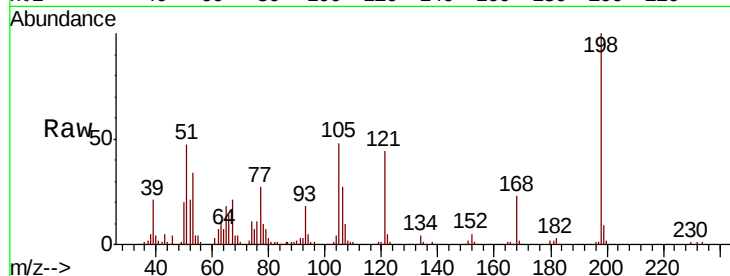
Tot Ion:198 Resp: 123475

Ion Ratio Lower Upper

198 100

51 46.7 21.1 61.1

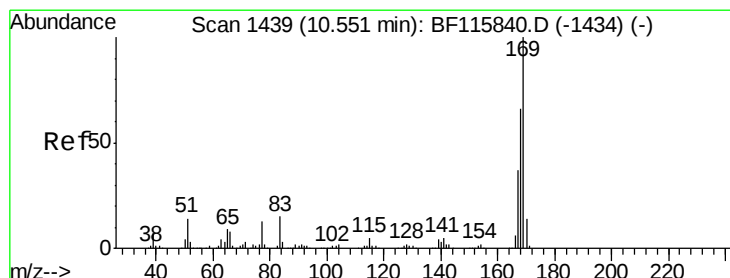
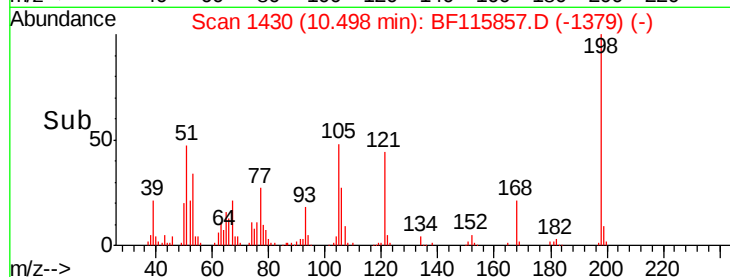
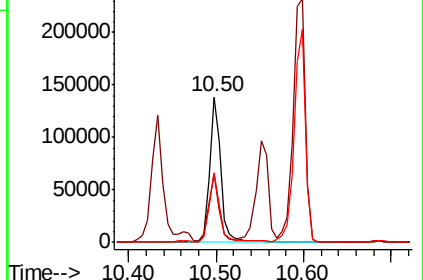
105 48.0 24.5 64.5



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: 42.592 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

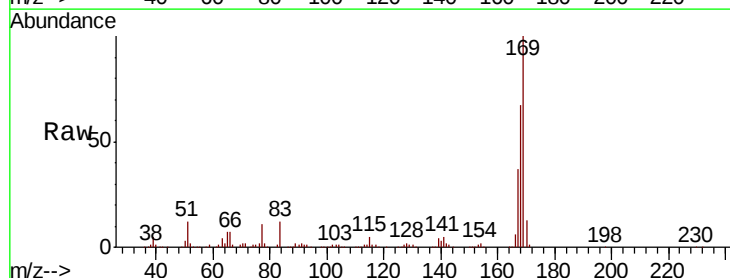
Tgt Ion:169 Resp: 685863

Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.6

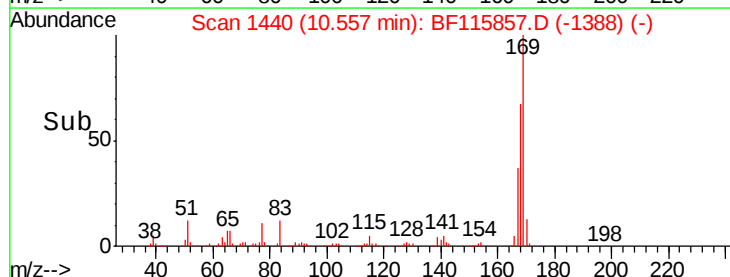
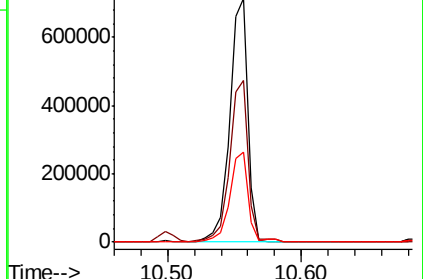
167 37.1 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

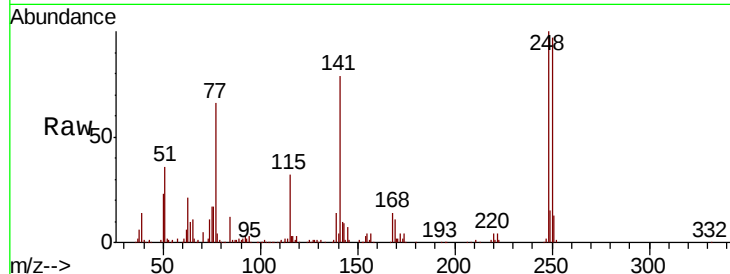




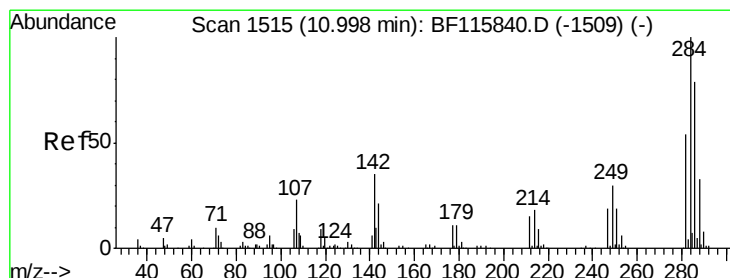
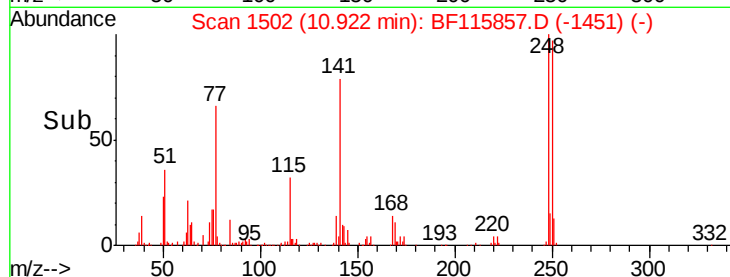
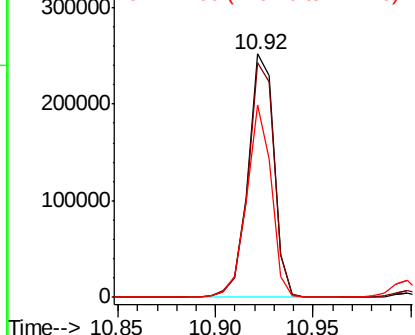
#67
4-Bromophenyl-phenylether
Concen: 40.672 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.8	116.6
141	78.9	64.3	96.5

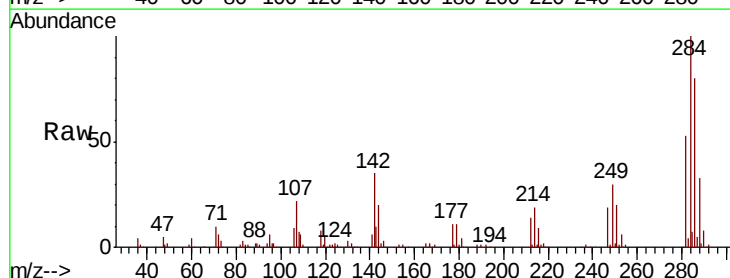


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

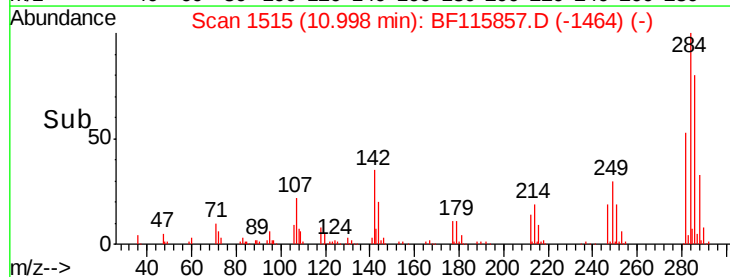
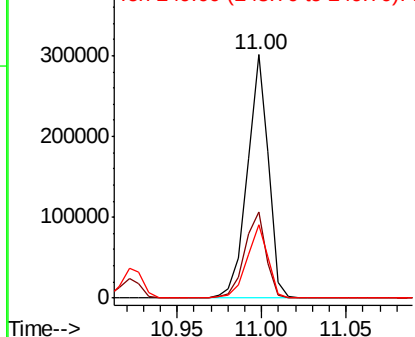


#68
Hexachlorobenzene
Concen: 39.749 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.2	42.2
249	30.2	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

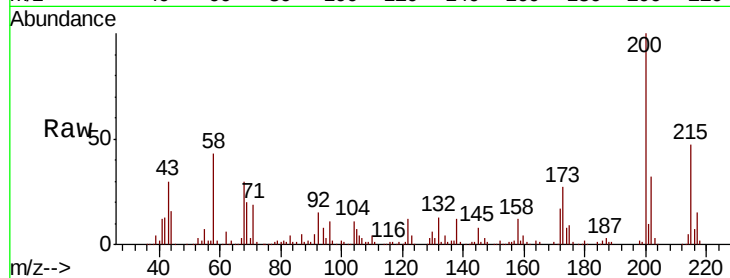




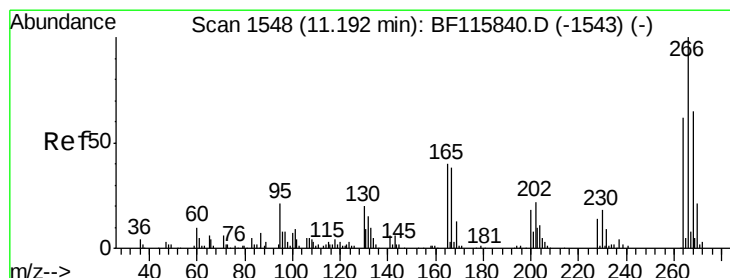
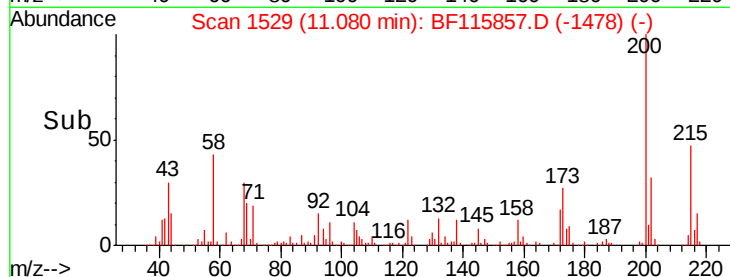
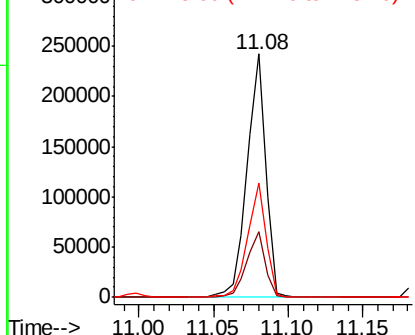
#69
 Atrazine
 Concen: 39.684 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 210228
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.3 47.3
 215 47.1 26.9 66.9

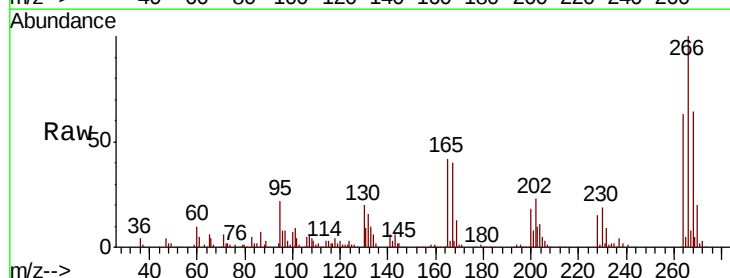


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

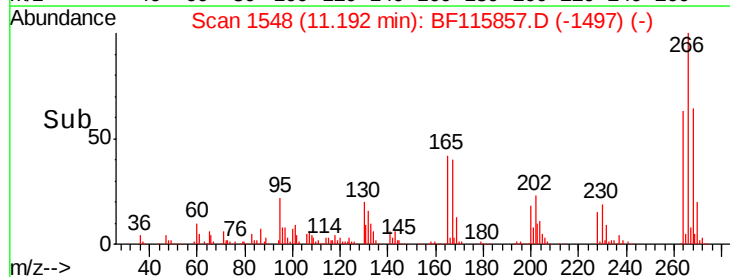
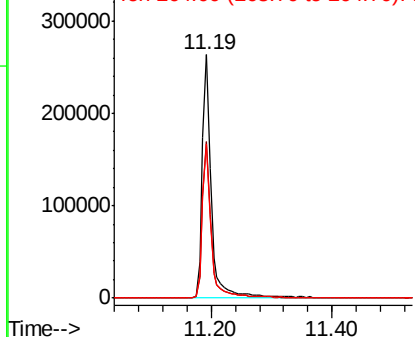


#70
 Pentachlorophenol
 Concen: 86.886 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:266 Resp: 279361
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.6 77.4
 264 63.3 49.4 74.0



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

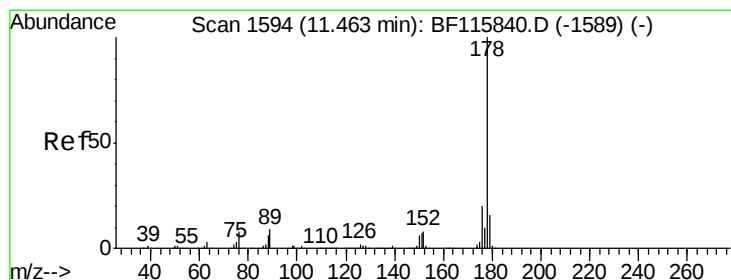
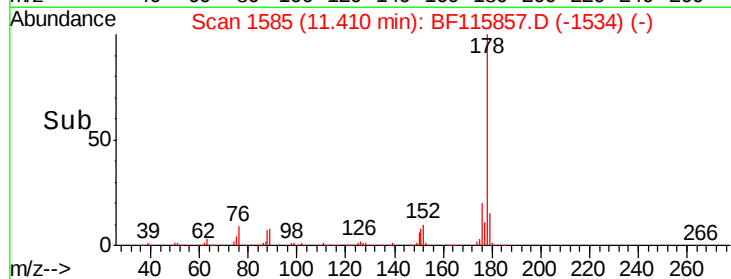
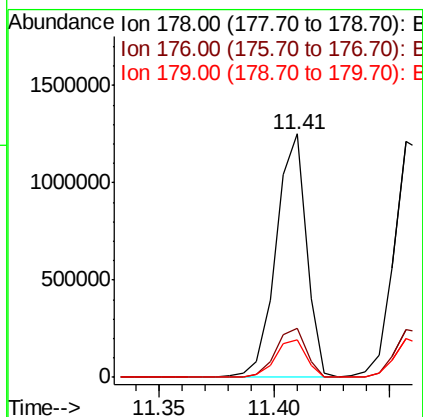
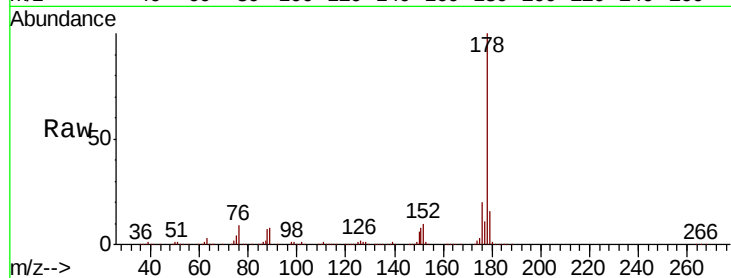




#71
Phenanthrene
Concen: 41.728 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

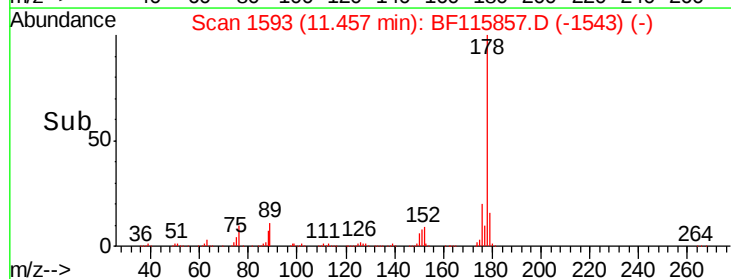
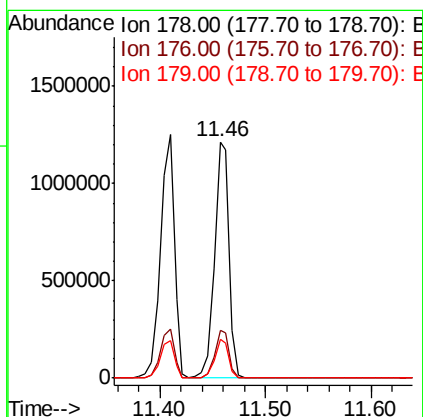
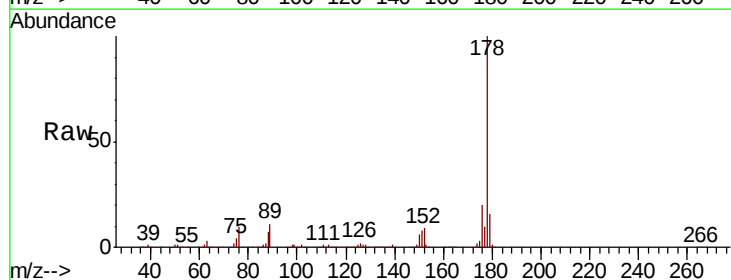
Instrument :
BNA_F
ClientSampleId :

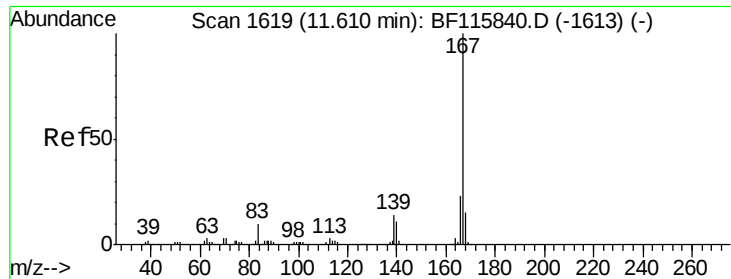
Tot Ion:178 Resp: 1141283
Ion Ratio Lower Upper
178 100
176 20.4 16.5 24.7
179 15.5 12.6 18.8



#72
Anthracene
Concen: 43.165 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:178 Resp: 1194812
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.2 12.4 18.6

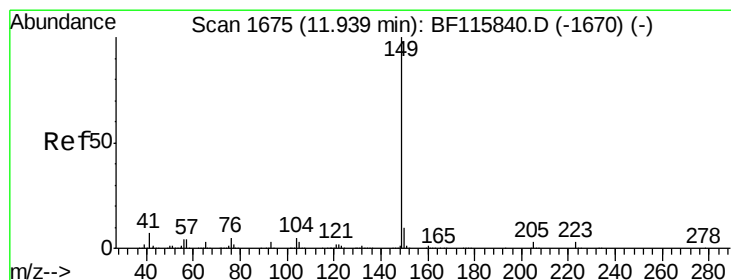
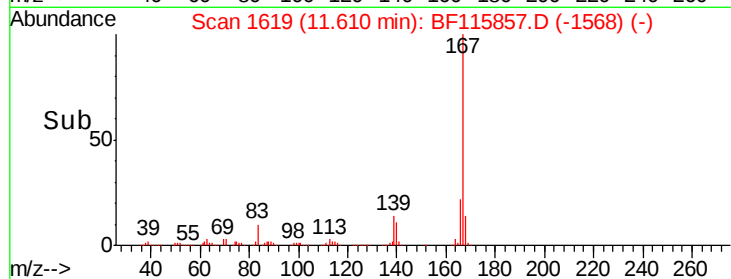
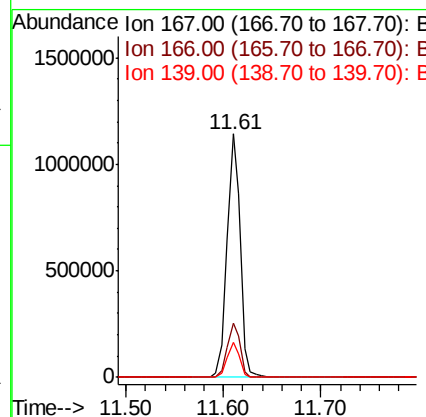
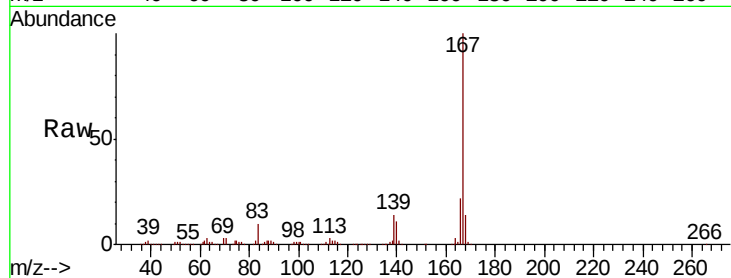




#73
 Carbazole
 Concen: 42.442 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

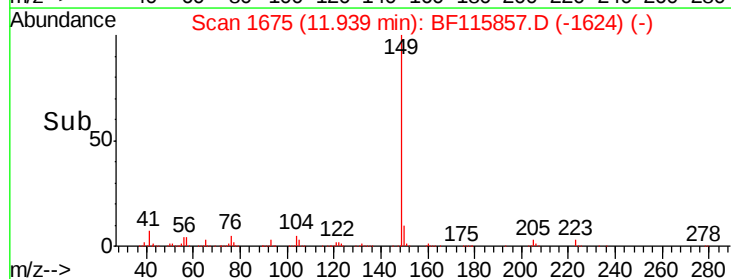
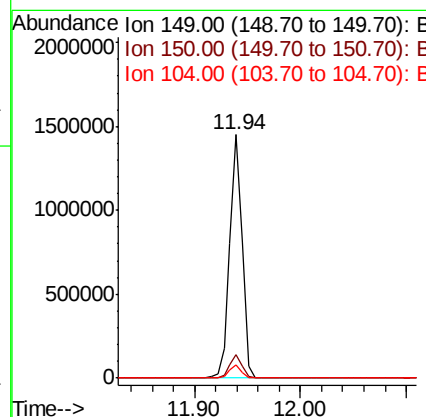
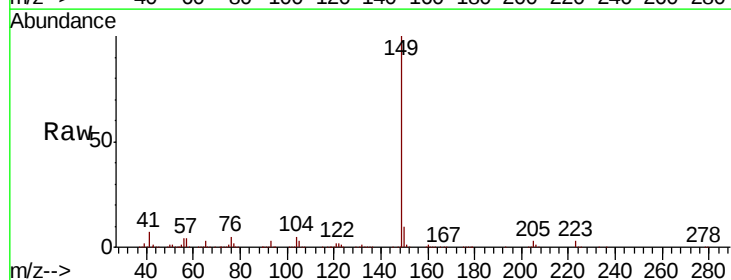
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1065819
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 40.528 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:149 Resp: 1187278
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.3 6.5

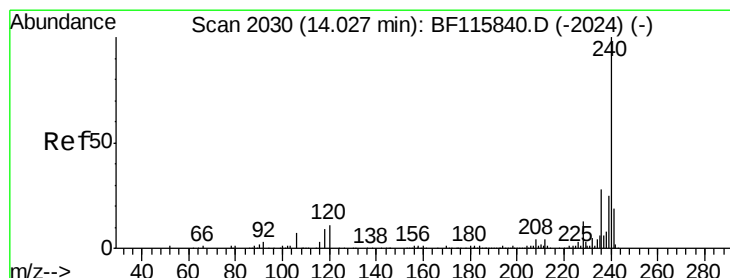
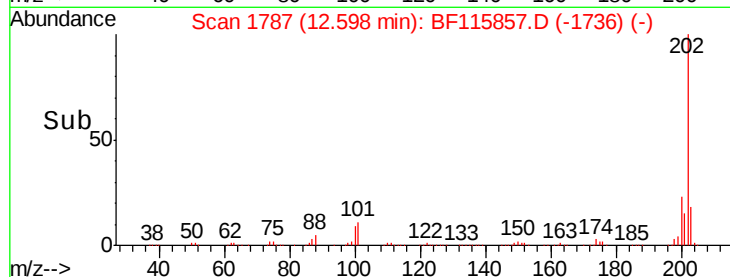
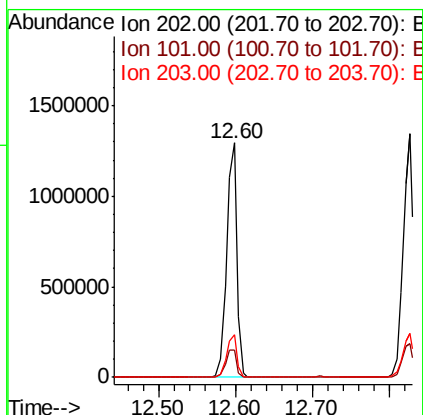
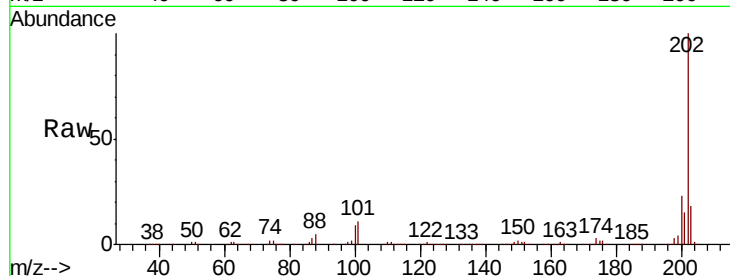




#75
 Fluoranthene
 Concen: 41.957 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

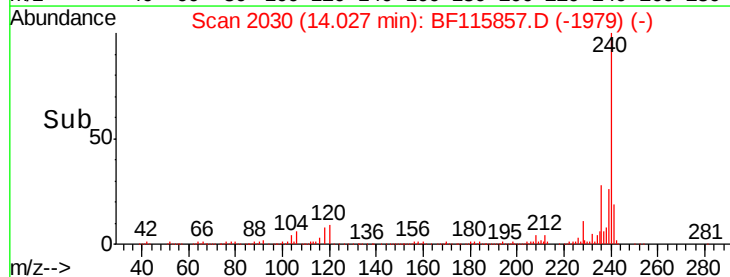
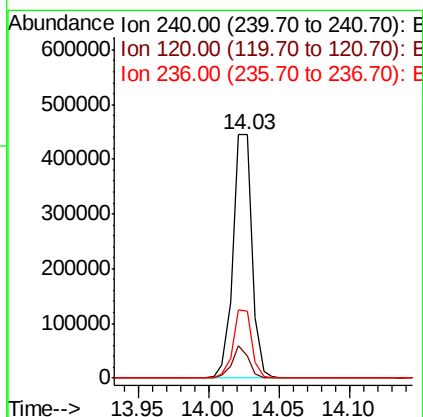
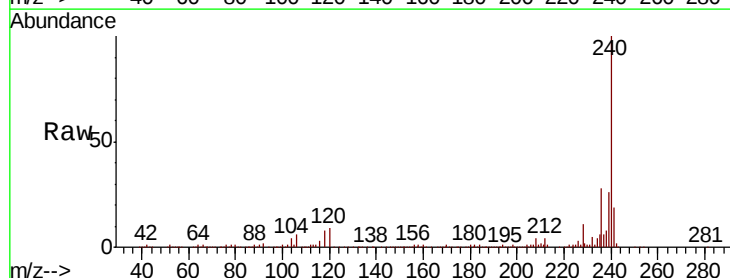
Instrument :
 BNA_F
 ClientSampleId :

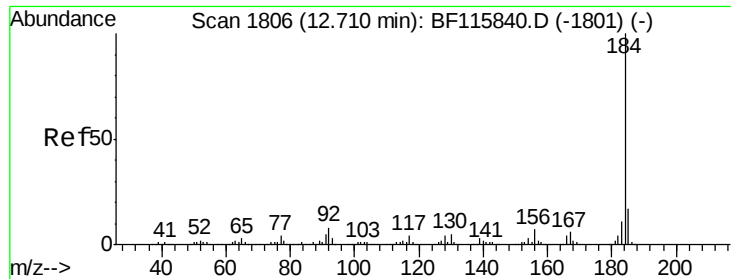
Tot Ion:202 Resp: 1201382
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.5
 203 18.0 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115857.D
 Acq: 31 Jul 2019 11:18

Tgt Ion:240 Resp: 418915
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.5 12.7
 236 27.6 22.2 33.2





#77

Benzidine

Concen: 47.508 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampled :

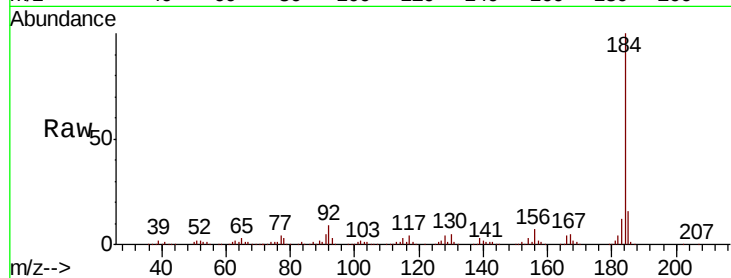
Tot Ion:184 Resp: 672369

Ion Ratio Lower Upper

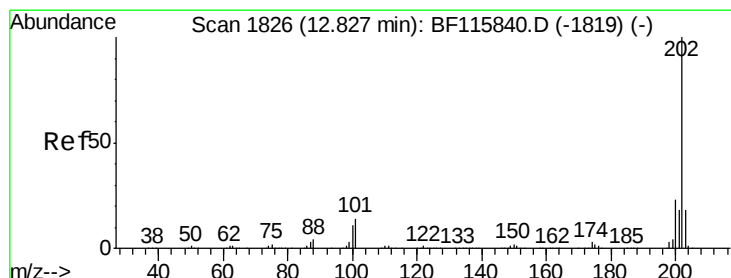
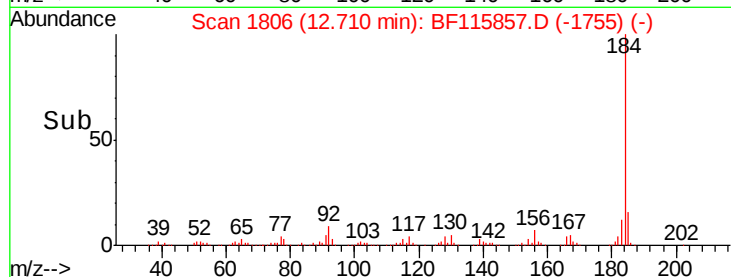
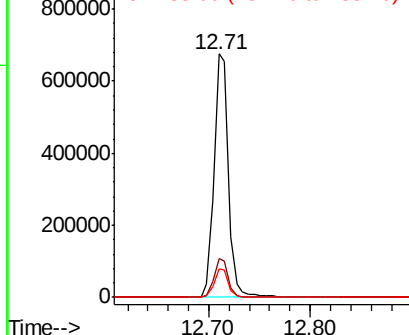
184 100

185 15.8 13.4 20.2

183 11.7 9.1 13.7



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: 39.089 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

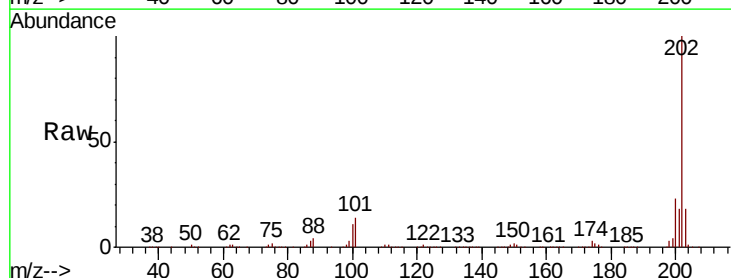
Tgt Ion:202 Resp: 1234367

Ion Ratio Lower Upper

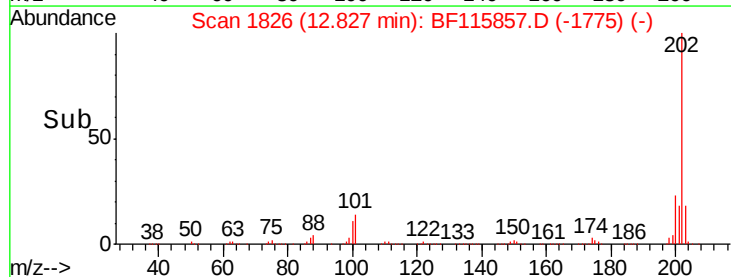
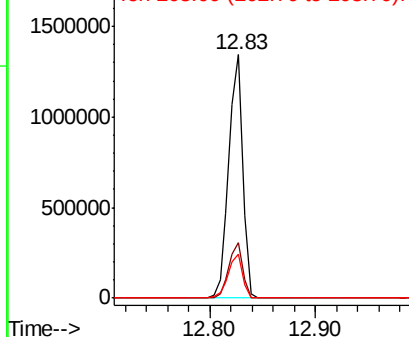
202 100

200 22.9 18.2 27.2

203 17.9 14.3 21.5



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: 74.249 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

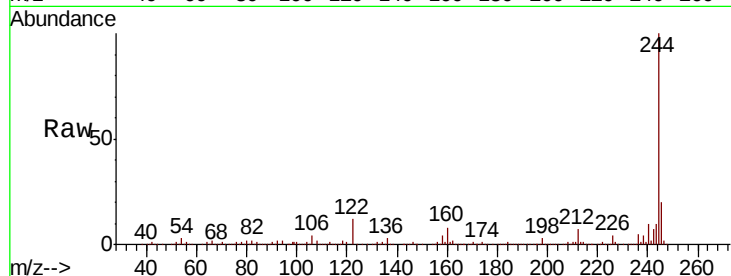
Tot Ion:244 Resp: 1476117

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

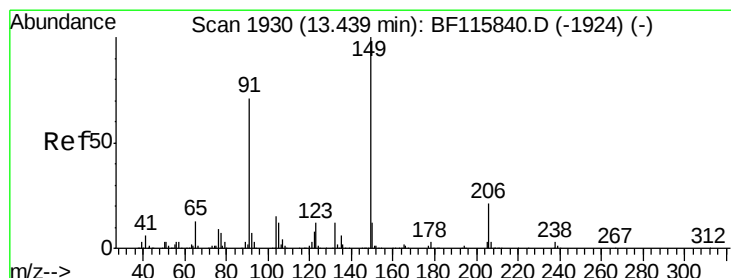
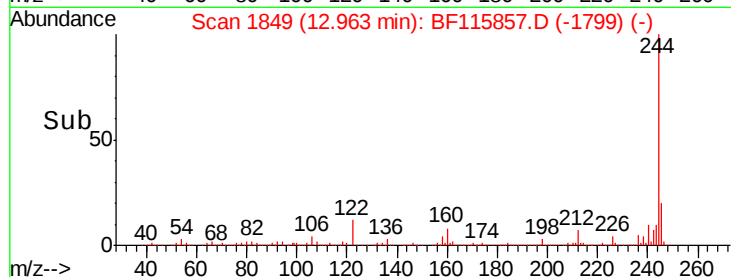
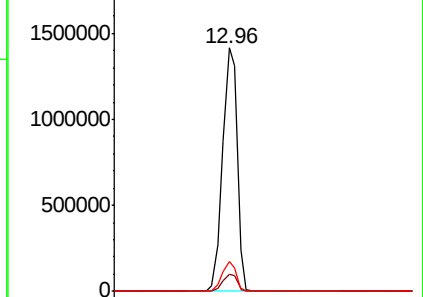
122 12.2 8.6 13.0



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: 39.096 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

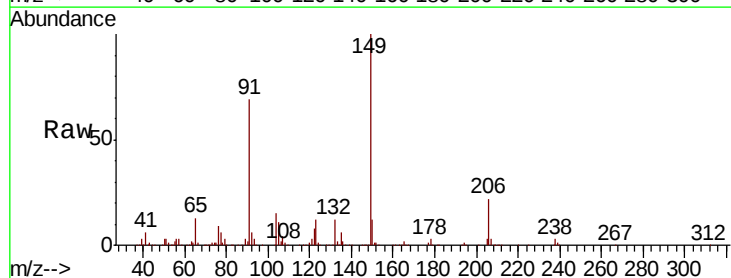
Tgt Ion:149 Resp: 522242

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.6

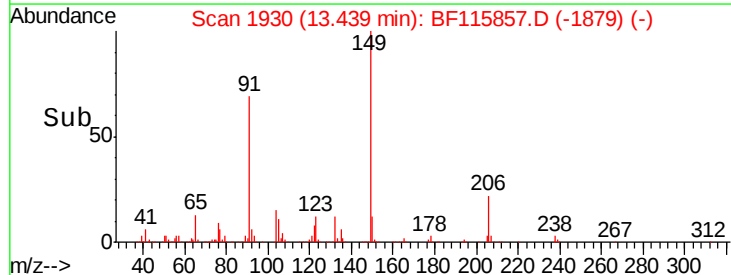
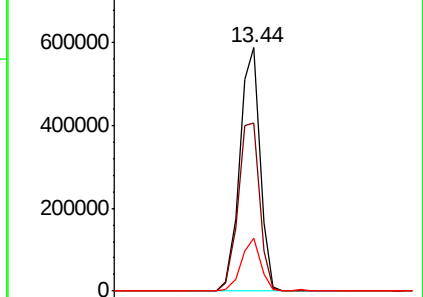
206 21.7 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.165 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

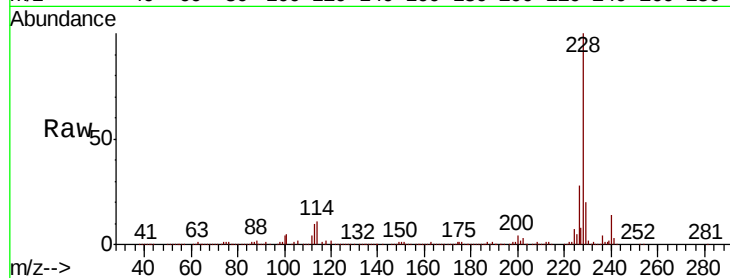
Tot Ion:228 Resp: 1075431

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

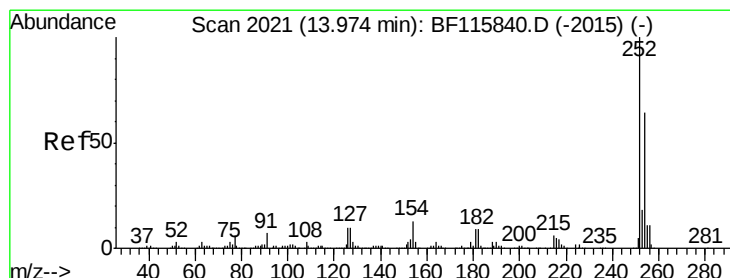
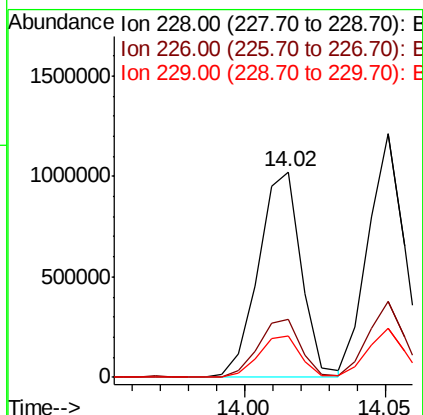
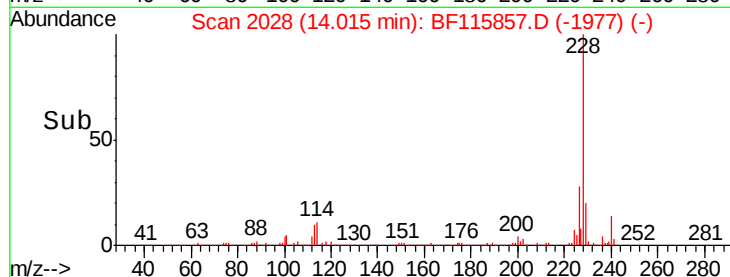
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.309 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

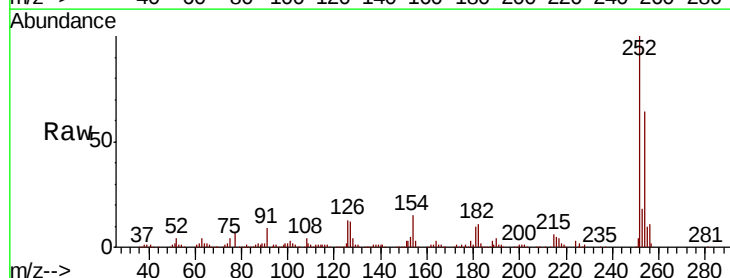
Tgt Ion:252 Resp: 263335

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

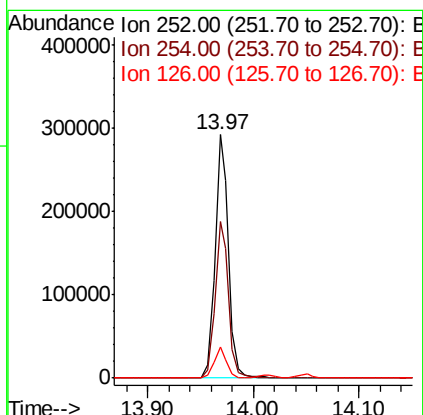
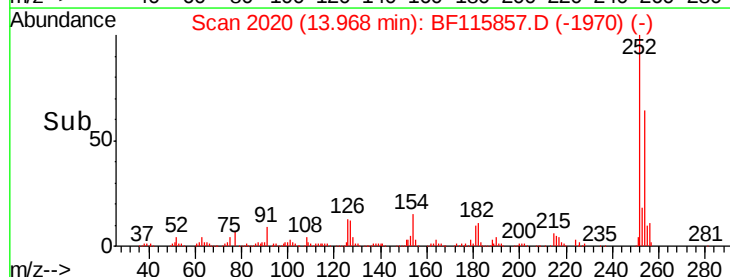
126 12.8 8.1 12.1#

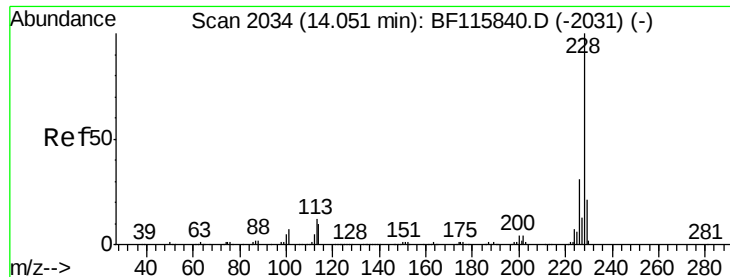


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.024 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

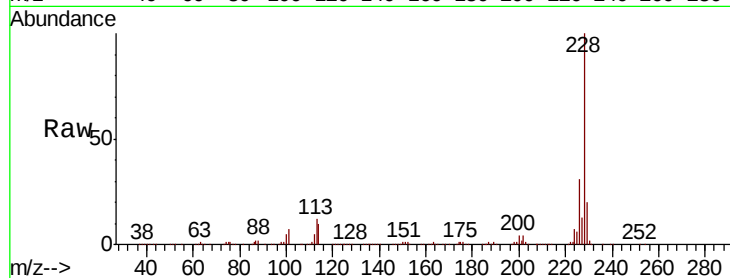
Tot Ion:228 Resp: 1066404

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

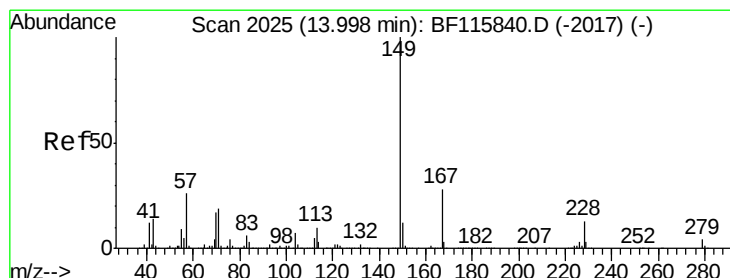
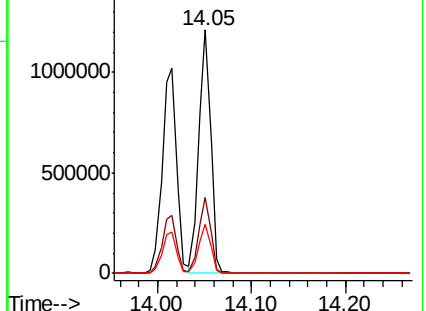
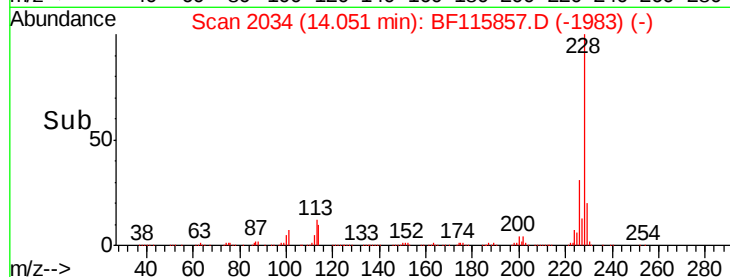
229 20.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.632 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

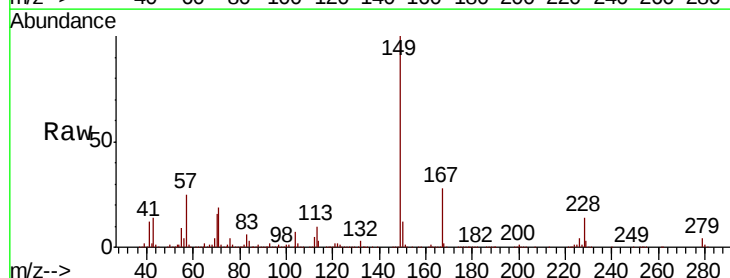
Tgt Ion:149 Resp: 687956

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

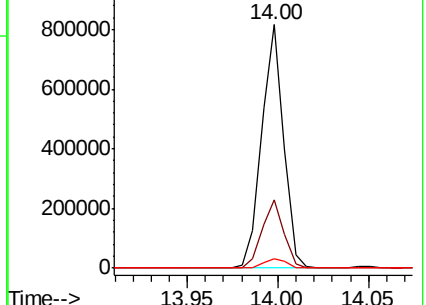
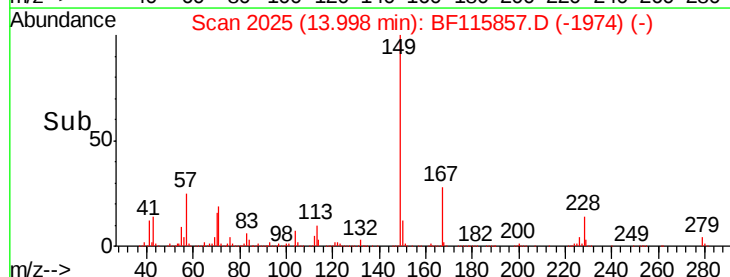
279 4.1 3.3 4.9

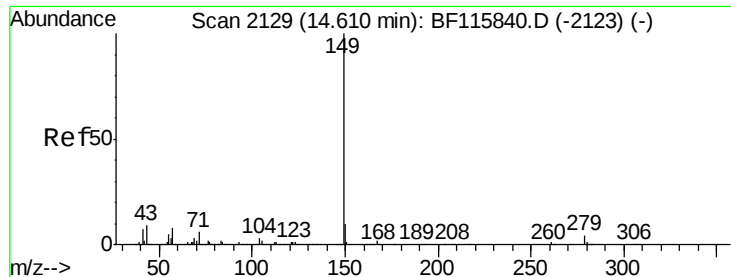


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.304 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

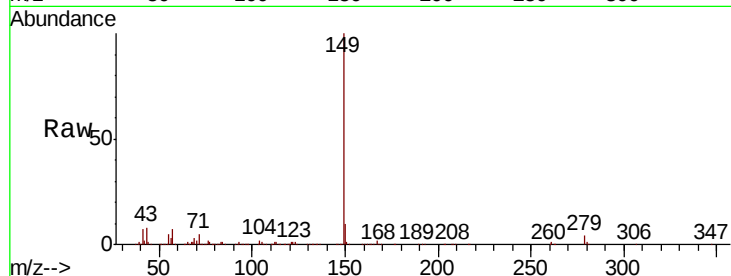
Tot Ion:149 Resp: 1166378

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

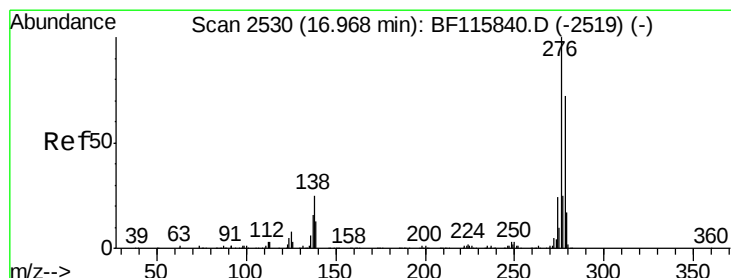
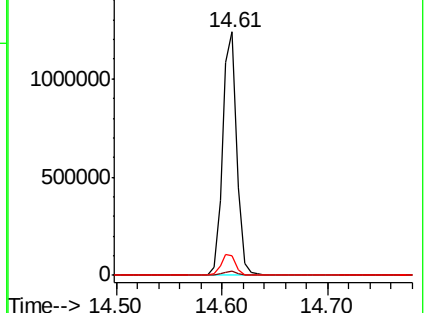
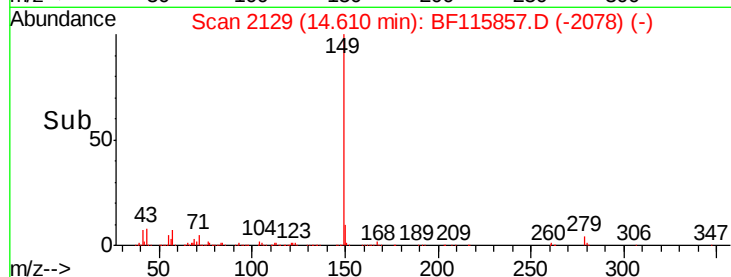
43 9.3 7.4 11.0



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: 44.368 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

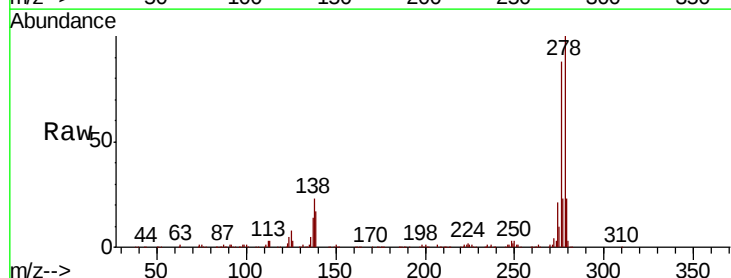
Tgt Ion:276 Resp: 968687

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

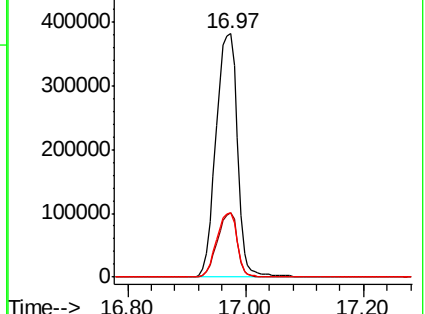
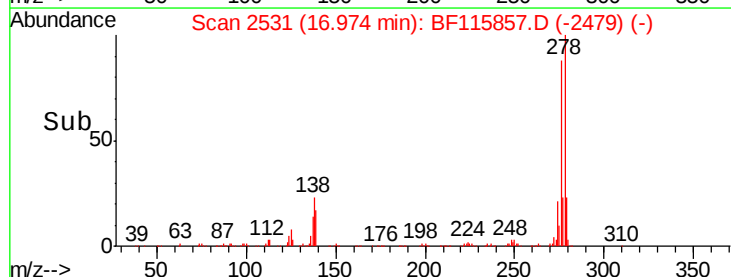
277 25.4 20.1 30.1

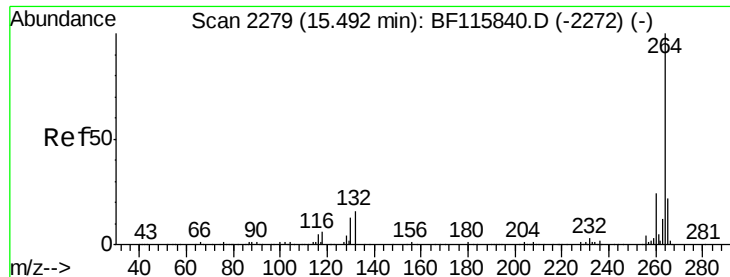


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

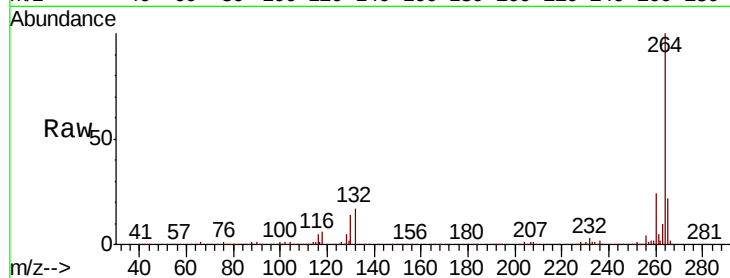
Tot Ion:264 Resp: 437720

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

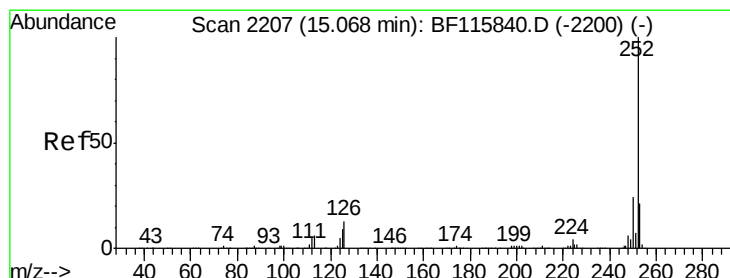
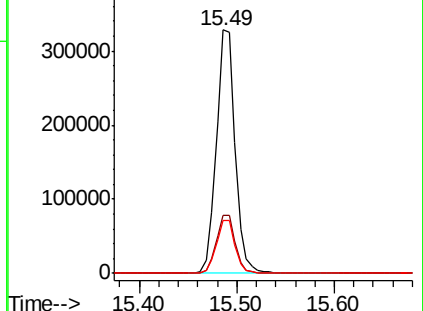
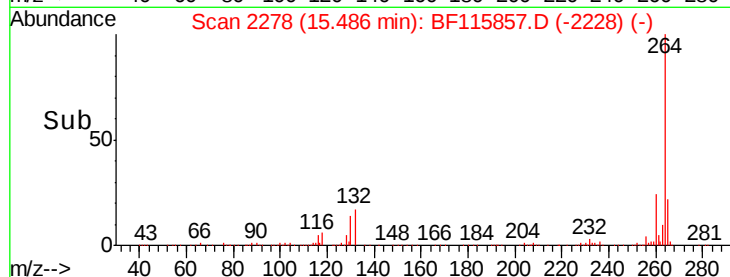
265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.500 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

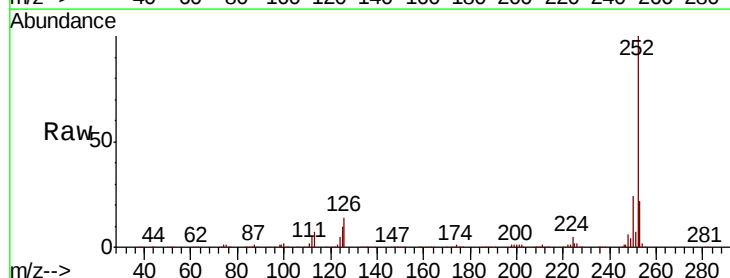
Tgt Ion:252 Resp: 1100954

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

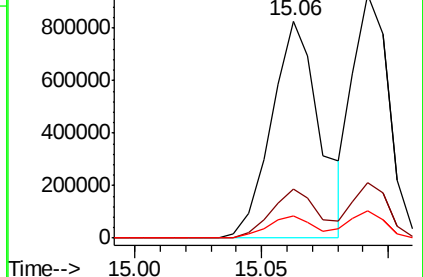
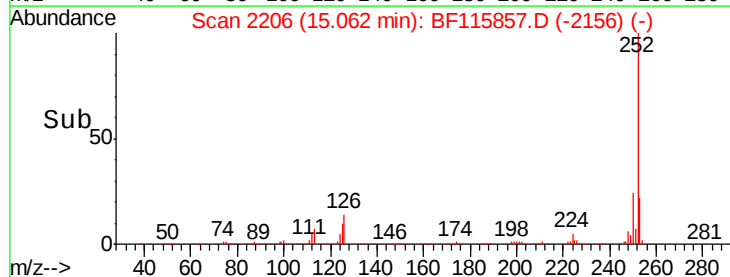
125 10.5 7.4 11.0

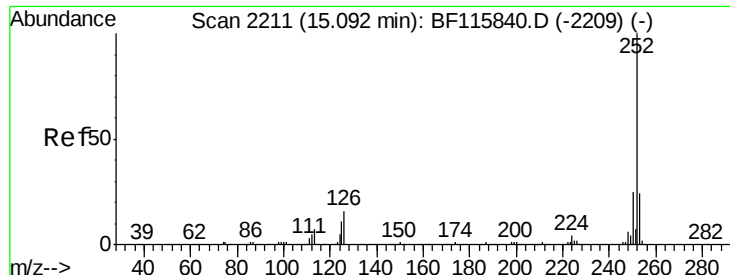


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

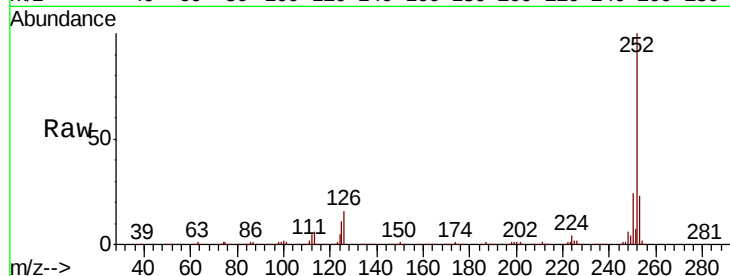




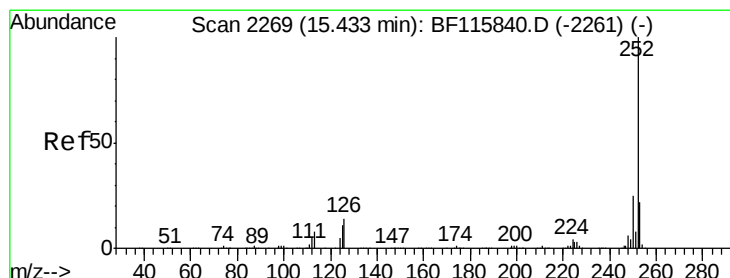
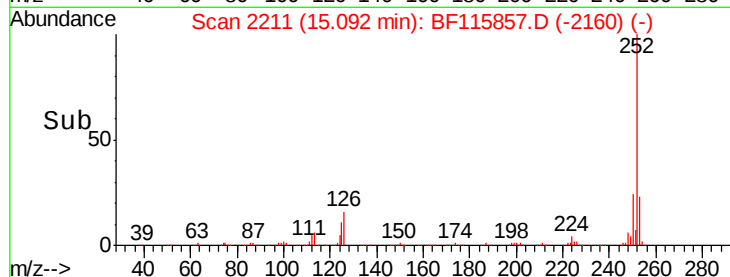
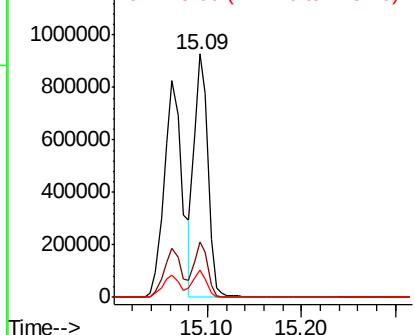
#89
Benzo(k)fluoranthene
Concen: 37.768 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 931045
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 11.2 8.9 13.3

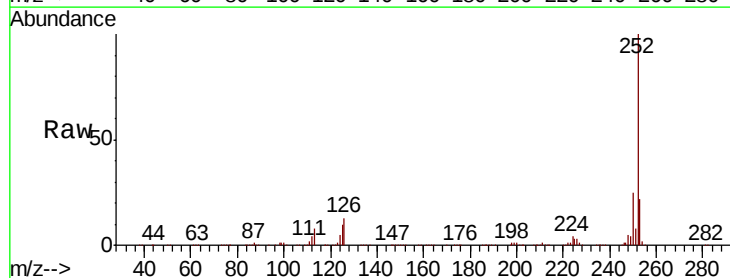


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

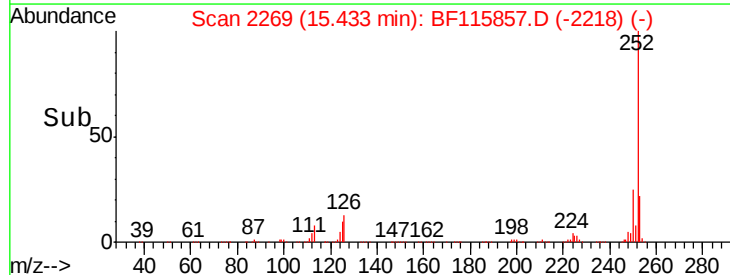
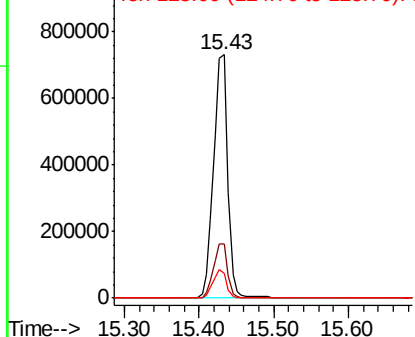


#90
Benzo(a)pyrene
Concen: 42.594 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115857.D
Acq: 31 Jul 2019 11:18

Tgt Ion:252 Resp: 963670
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.3 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 41.825 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

Instrument :

BNA_F

ClientSampleId :

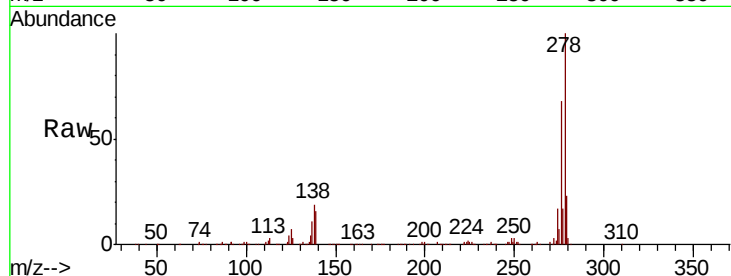
Tot Ion:278 Resp: 819099

Ion Ratio Lower Upper

278 100

139 15.6 12.6 19.0

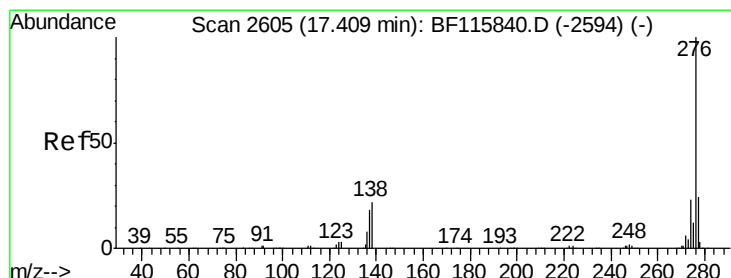
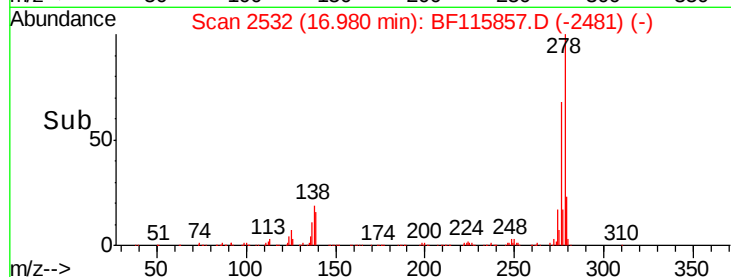
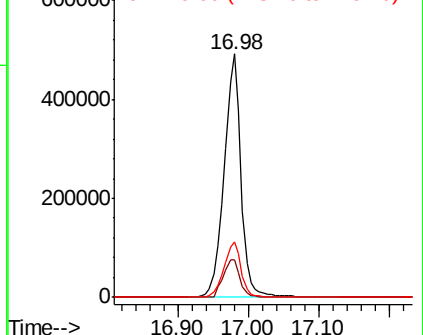
279 23.0 18.8 28.2



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: 41.381 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.00 min

Lab File: BF115857.D

Acq: 31 Jul 2019 11:18

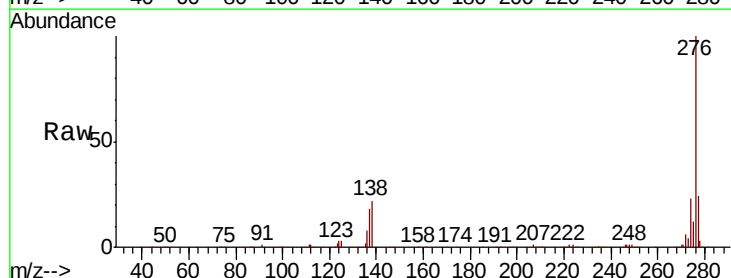
Tgt Ion:276 Resp: 795891

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 22.3 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

