

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115858.D
 Acq On : 31 Jul 2019 11:44
 Operator : HP/JU
 Sample : PB121767BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 18:22:22 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	141026	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	563386	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	294522	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	506339	20.00	ng	0.00
76) Chrysene-d12	14.02	240	387667	20.00	ng	0.00
87) Perylene-d12	15.49	264	364128	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	933493	110.81	ng	0.01
7) Phenol-d6	6.49	99	1188151	111.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	773839	79.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	318479	111.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1311473	83.41	ng	0.00
79) Terphenyl-d14	12.96	244	1413158	76.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	175414	41.218	ng	99
3) Pyridine	3.46	79	446515	37.559	ng	98
4) n-Nitrosodimethylamine	3.41	42	198298	42.267	ng	99
6) Aniline	6.52	93	488821	32.114	ng	99
8) 2-Chlorophenol	6.64	128	405040	43.480	ng	99
9) Benzaldehyde	6.40	77	234576	31.987	ng	97
10) Phenol	6.50	94	526018	42.027	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	384734	41.810	ng	99
12) 1,3-Dichlorobenzene	6.79	146	439247	40.800	ng	98
13) 1,4-Dichlorobenzene	6.87	146	448021	41.563	ng	99
14) 1,2-Dichlorobenzene	7.02	146	412772	41.586	ng	98
15) Benzyl Alcohol	6.99	79	345497	42.834	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	507108	40.402	ng	99
17) 2-Methylphenol	7.10	107	337383	42.773	ng	100
18) Hexachloroethane	7.36	117	162772	41.013	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	275101	41.769	ng	98
20) 3+4-Methylphenols	7.26	107	405604	43.453	ng	91
22) Acetophenone	7.26	105	543980	44.026	ng	96
24) Nitrobenzene	7.43	77	446502	42.368	ng	95
25) Isophorone	7.67	82	790328	42.348	ng	99
26) 2-Nitrophenol	7.75	139	219345	44.154	ng	98
27) 2,4-Dimethylphenol	7.79	122	354575	47.442	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	477704	41.297	ng	99
29) 2,4-Dichlorophenol	7.99	162	341307	43.250	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	373949	41.571	ng	98
31) Naphthalene	8.16	128	1169305	44.105	ng	99
32) Benzoic acid	7.93	122	231486	43.931	ng	99
33) 4-Chloroaniline	8.20	127	267040	22.543	ng	98
34) Hexachlorobutadiene	8.27	225	209348	40.404	ng	99
35) Caprolactam	8.57	113	54408	21.317	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	354450	43.175	ng	98
37) 2-Methylnaphthalene	8.85	142	769433	44.068	ng	100
38) 1-Methylnaphthalene	8.95	142	724057	43.834	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	343951	43.683	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	299398	84.353	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	221195	40.814	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	237378	42.372	ng	100
46) 1,1'-Biphenyl	9.32	154	917543	44.127	ng	99
47) 2-Chloronaphthalene	9.34	162	731133	42.247	ng	98
48) 2-Nitroaniline	9.43	65	224453	39.238	ng	93
49) Acenaphthylene	9.76	152	1106190	43.813	ng	100
50) Dimethylphthalate	9.62	163	800942	39.940	ng	99
51) 2,6-Dinitrotoluene	9.67	165	184249	42.278	ng	87
52) Acenaphthene	9.93	154	668991	43.191	ng	99
53) 3-Nitroaniline	9.85	138	138296	25.682	ng	95
54) 2,4-Dinitrophenol	9.96	184	169606	76.858	ng	100
55) Dibenzofuran	10.10	168	993599	44.110	ng	97
56) 4-Nitrophenol	10.02	139	314092	91.053	ng	99
57) 2,4-Dinitrotoluene	10.09	165	244651	42.164	ng	98
58) Fluorene	10.45	166	743158	42.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	206624	43.839	ng	98
60) Diethylphthalate	10.32	149	754539	40.301	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	369112	42.054	ng	98
62) 4-Nitroaniline	10.46	138	206078	37.031	ng	97
63) Azobenzene	10.59	77	810344	42.080	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	121135	45.145	ng	96
66) n-Nitrosodiphenylamine	10.55	169	665137	43.643	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	222904	41.124	ng	97
68) Hexachlorobenzene	11.00	284	255223	40.720	ng	96
69) Atrazine	11.08	200	200927	40.075	ng	98
70) Pentachlorophenol	11.19	266	263209	86.497	ng	98
71) Phenanthrene	11.40	178	1108461	42.822	ng	99
72) Anthracene	11.46	178	1160152	44.286	ng	99
73) Carbazole	11.61	167	1034967	43.546	ng	99
74) Di-n-butylphthalate	11.94	149	1125903	40.609	ng	100
75) Fluoranthene	12.59	202	1181879	43.613	ng	98
77) Benzidine	12.71	184	622038	47.495	ng	98
78) Pyrene	12.82	202	1202525	41.150	ng	99
80) Butylbenzylphthalate	13.43	149	489342	39.586	ng	95
81) Benzo(a)anthracene	14.01	228	1030318	41.581	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	248479	28.865	ng	99
83) Chrysene	14.05	228	1009150	41.950	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	634353	39.490	ng	99
85) Di-n-octyl phthalate	14.60	149	1056615	41.412	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	846742	41.909	ng	100
88) Benzo(b)fluoranthene	15.06	252	900452	42.768	ng	98
89) Benzo(k)fluoranthene	15.09	252	876455	42.739	ng	98
90) Benzo(a)pyrene	15.43	252	841217	44.696	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	709437	43.546	ng	99
92) Benzo(g,h,i)perylene	17.40	276	700266	43.767	ng	98

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

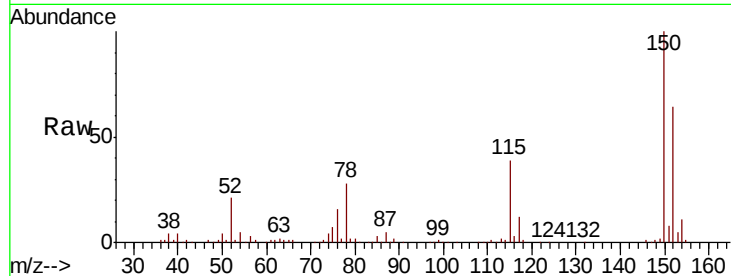


#1

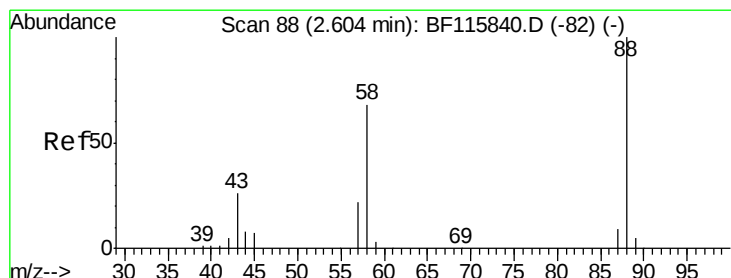
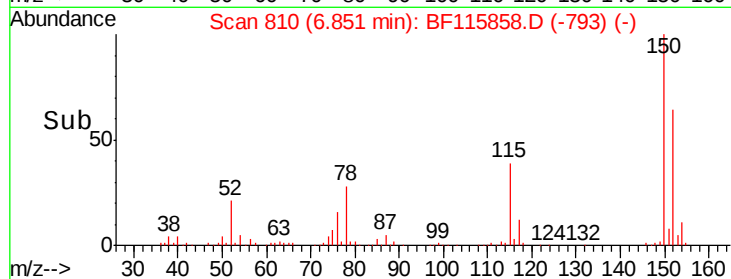
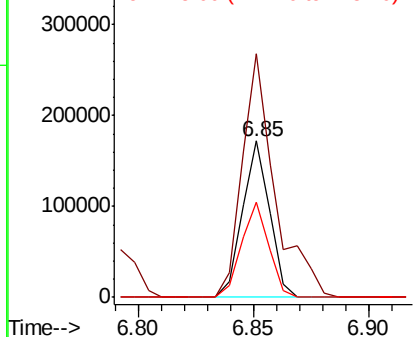
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141026
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 60.4 51.8 77.8



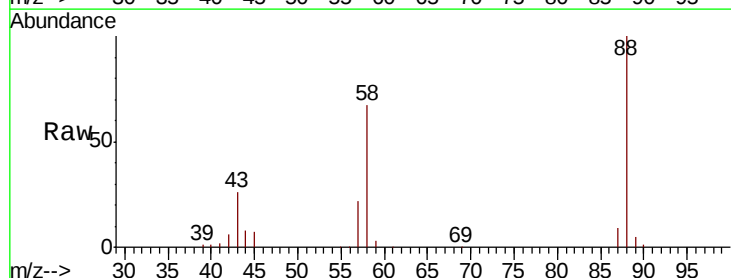
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



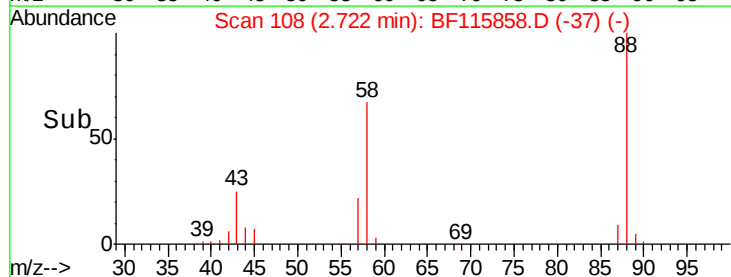
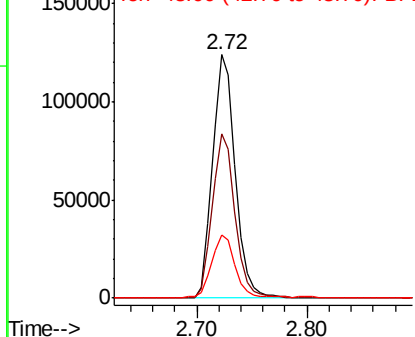
#2

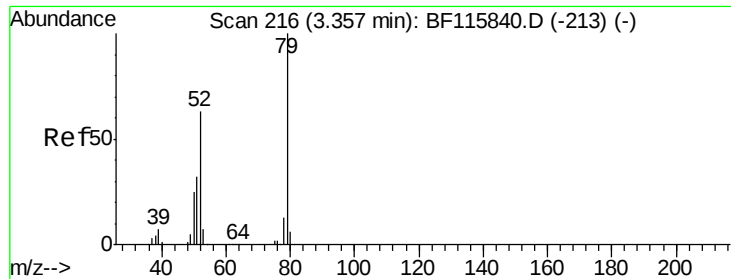
1,4-Dioxane
Concen: 41.218 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion: 88 Resp: 175414
Ion Ratio Lower Upper
88 100
58 67.2 54.1 81.1
43 26.2 20.7 31.1



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





#3

Pvridine

Concen: 37.559 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

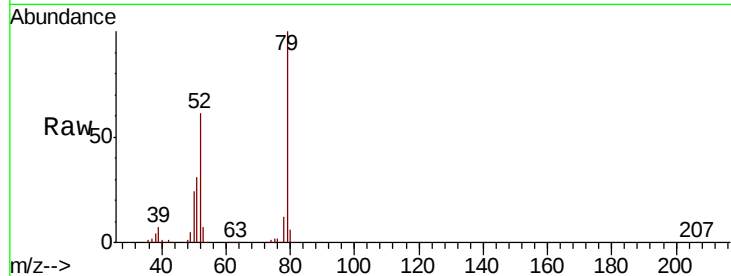
Tot Ion: 79 Resp: 446515

Ion Ratio Lower Upper

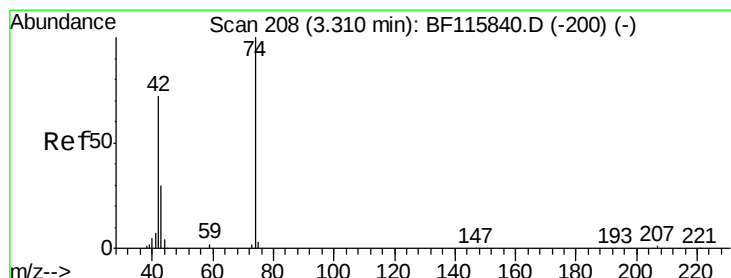
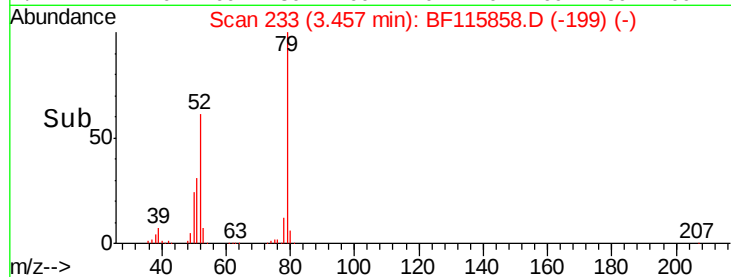
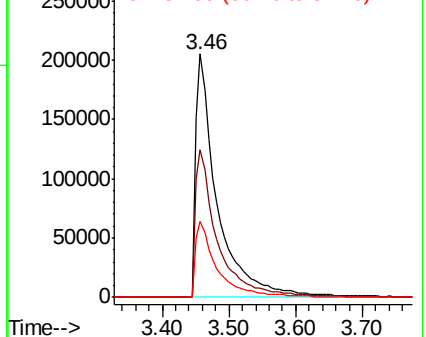
79 100

52 60.8 50.2 75.4

51 31.0 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: 42.267 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.10 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

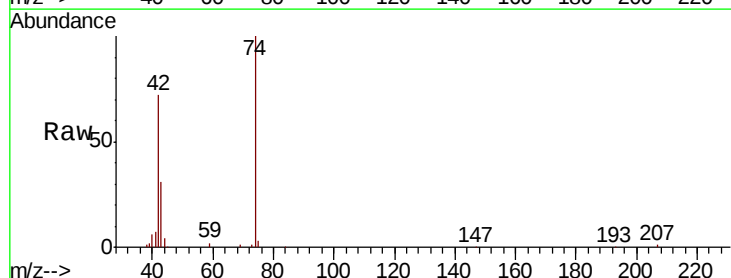
Tgt Ion: 42 Resp: 198298

Ion Ratio Lower Upper

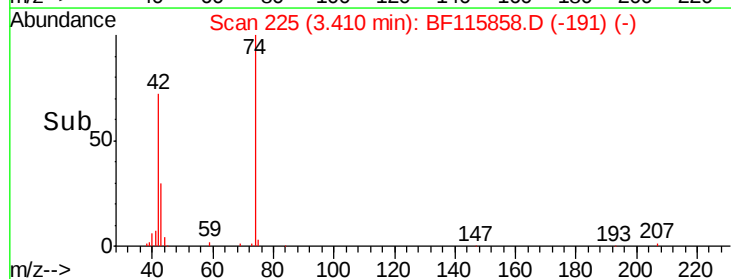
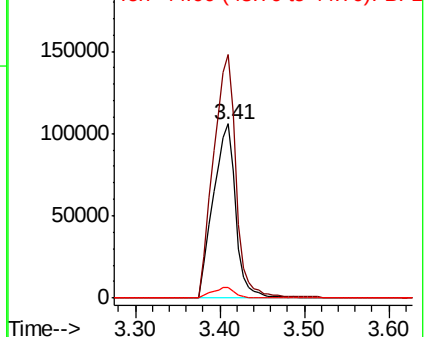
42 100

74 139.7 111.0 166.4

44 6.1 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: 110.811 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

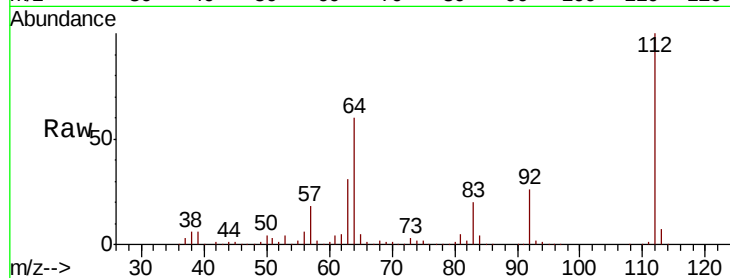
Tot Ion:112 Resp: 933493

Ion Ratio Lower Upper

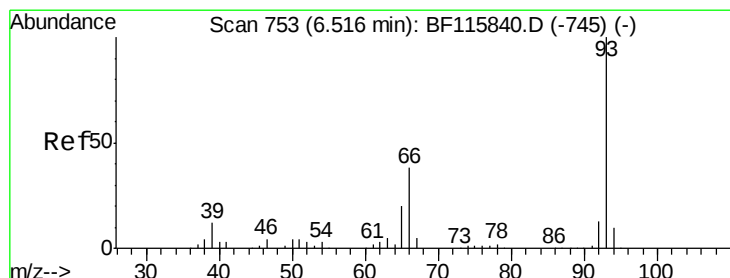
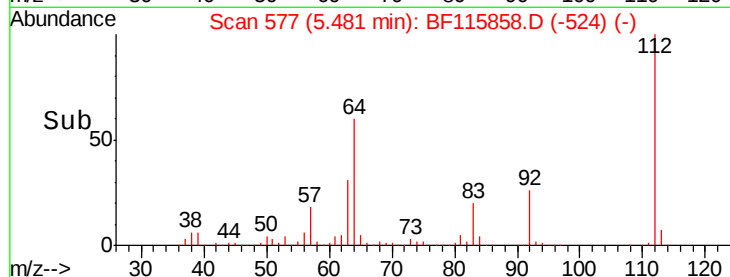
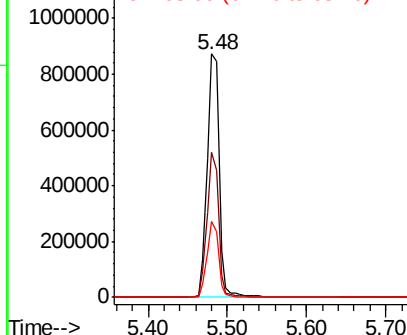
112 100

64 59.6 46.8 70.2

63 31.0 24.2 36.2



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



#6

Aniline

Concen: 32.114 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

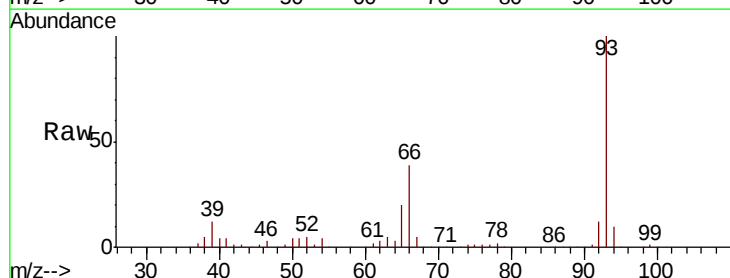
Tgt Ion: 93 Resp: 488821

Ion Ratio Lower Upper

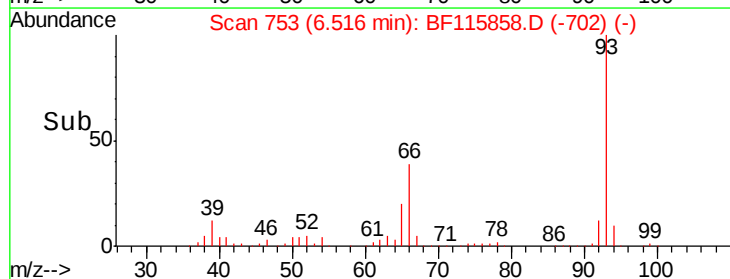
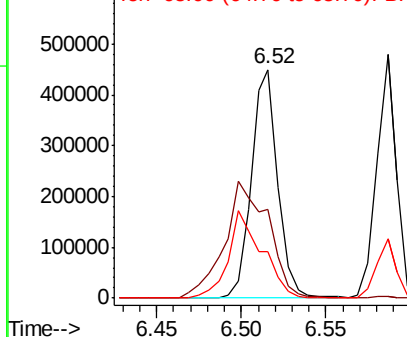
93 100

66 38.7 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: 111.788 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

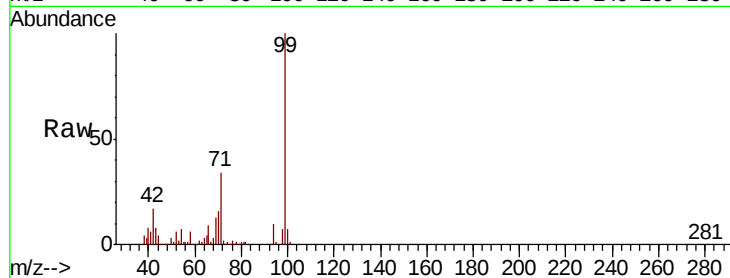
Tot Ion: 99 Resp: 1188151

Ion Ratio Lower Upper

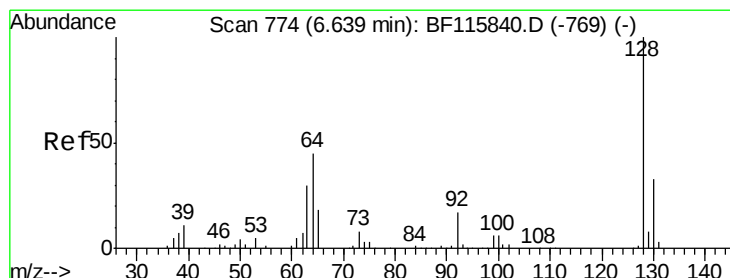
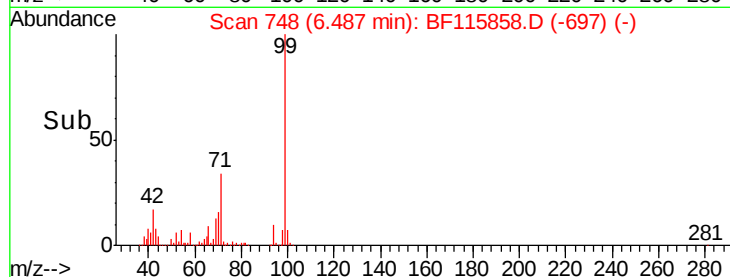
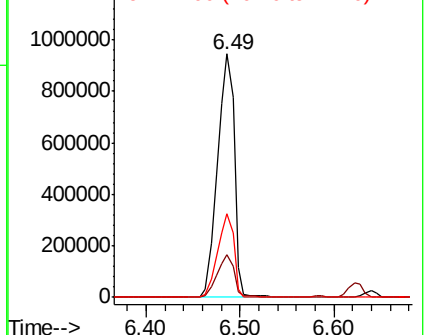
99 100

42 17.4 13.8 20.6

71 34.4 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: 43.480 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

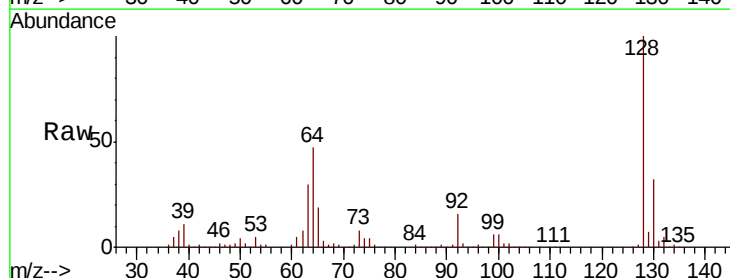
Tgt Ion: 128 Resp: 405040

Ion Ratio Lower Upper

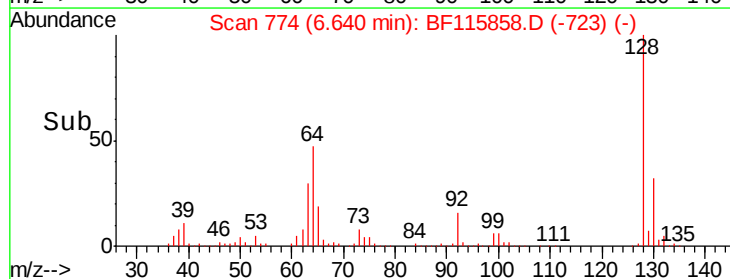
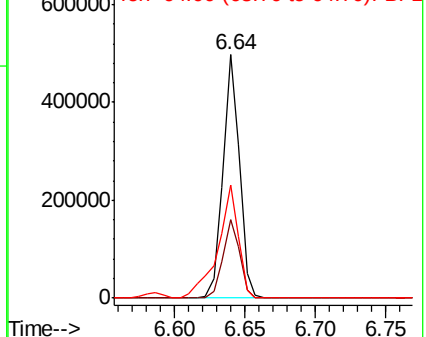
128 100

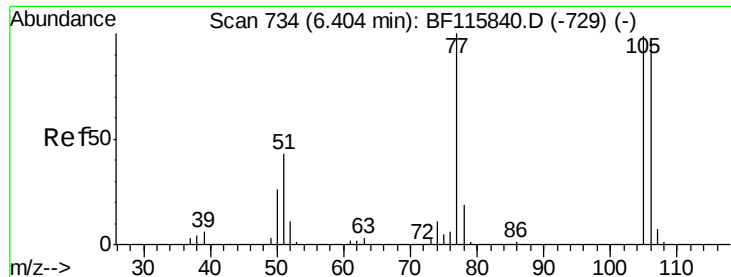
130 32.2 12.9 52.9

64 46.6 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: 31.987 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

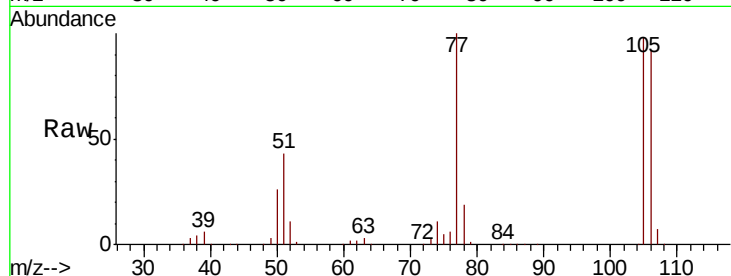
Tot Ion: 77 Resp: 234576

Ion Ratio Lower Upper

77 100

105 97.7 79.0 119.0

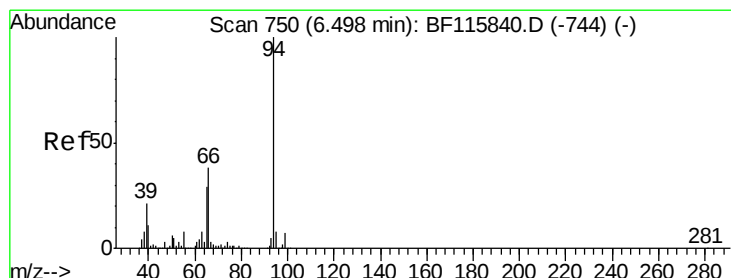
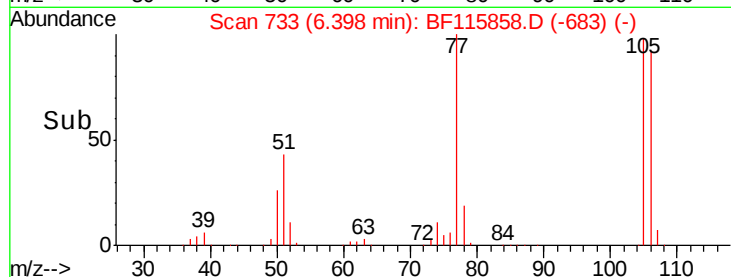
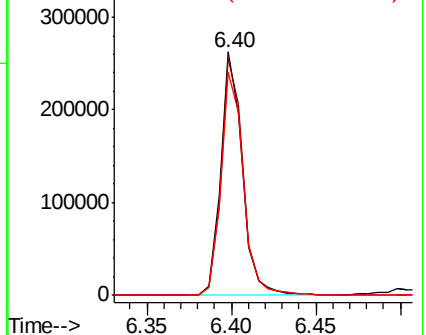
106 91.9 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.027 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

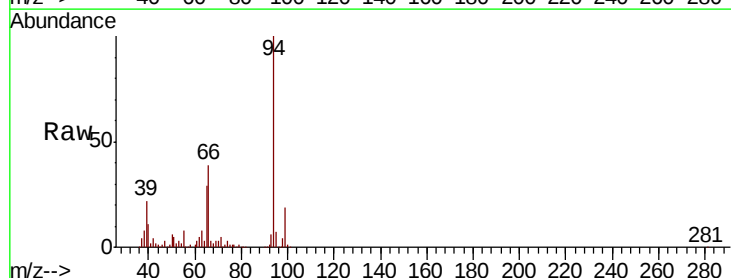
Tgt Ion: 94 Resp: 526018

Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

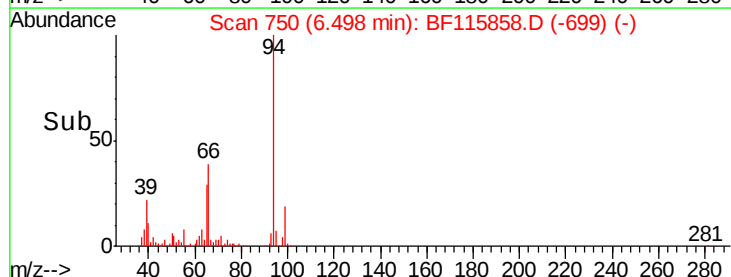
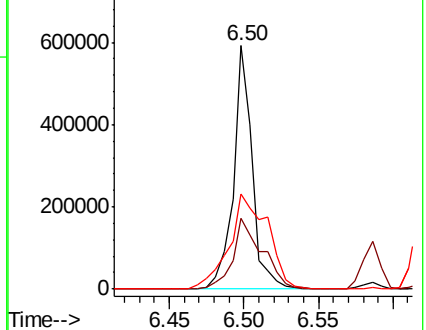
66 39.0 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

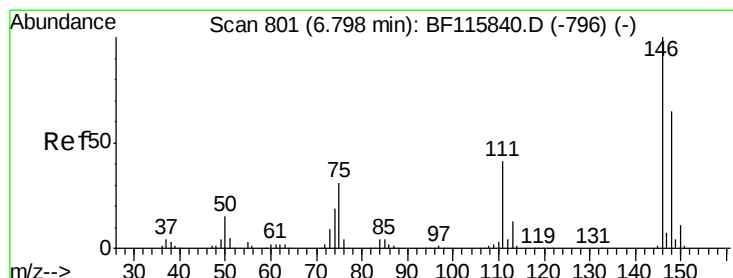
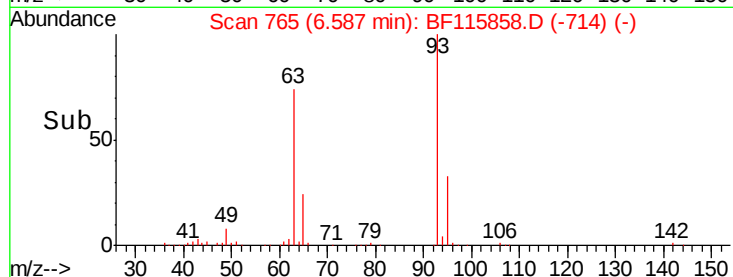
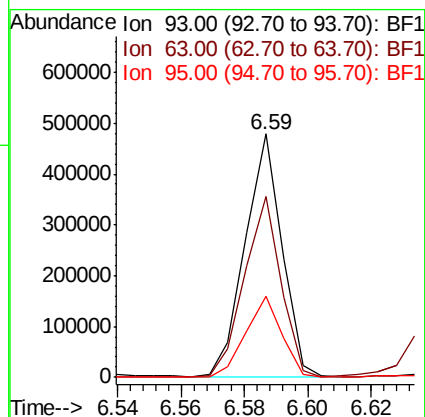
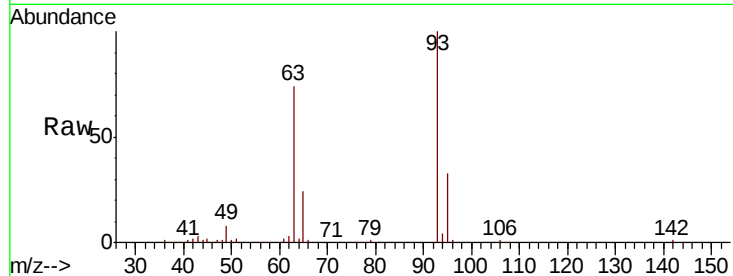




#11
bis(2-Chloroethyl)ether
Concen: 41.810 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

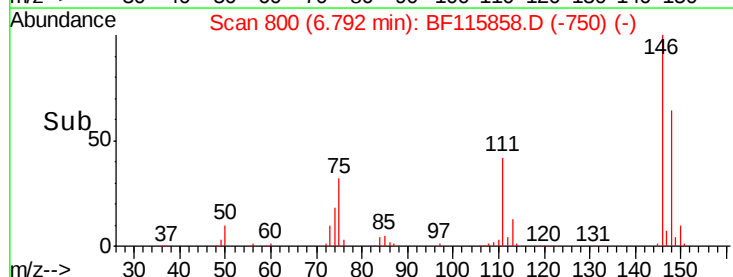
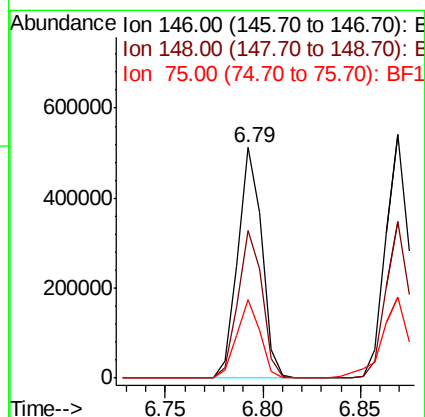
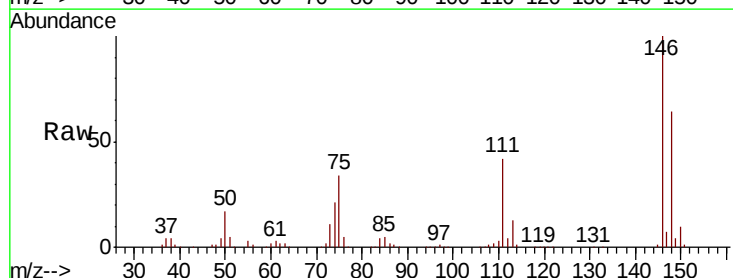
Instrument :
BNA_F
ClientSampleId :

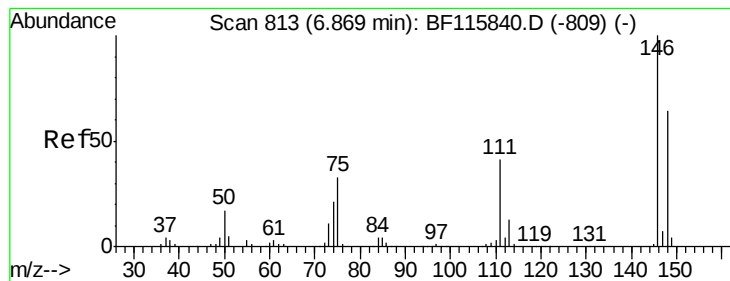
Tot Ion: 93 Resp: 384734
Ion Ratio Lower Upper
93 100
63 74.2 54.9 94.9
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.800 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion: 146 Resp: 439247
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 33.9 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 41.563 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

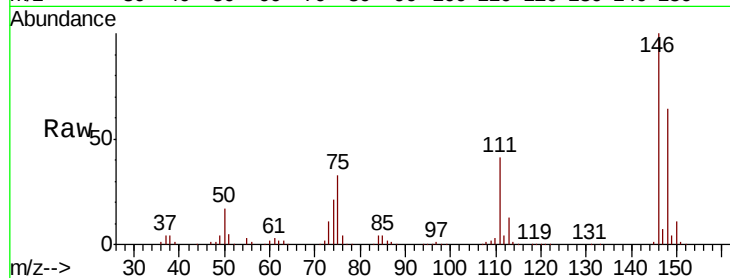
Tot Ion:146 Resp: 448021

Ion Ratio Lower Upper

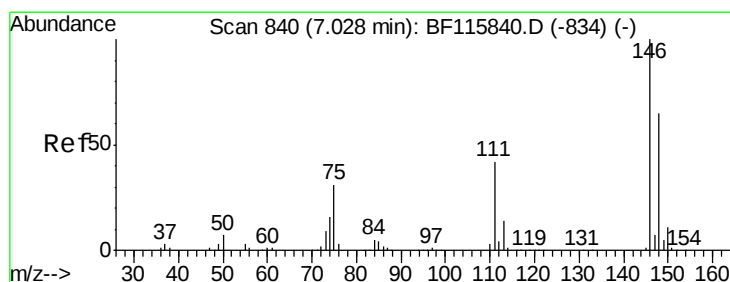
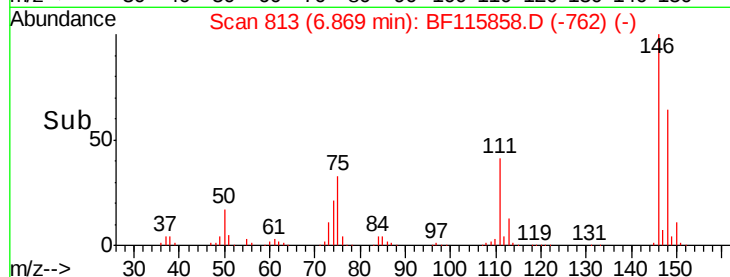
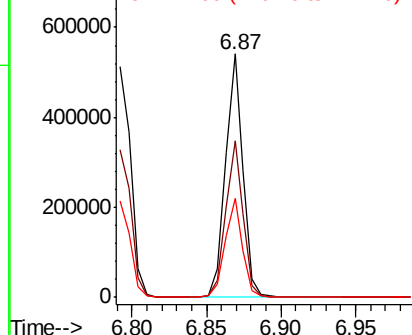
146 100

148 64.3 51.2 76.8

111 40.5 33.2 49.8



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



#14

1,2-Dichlorobenzene

Concen: 41.586 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

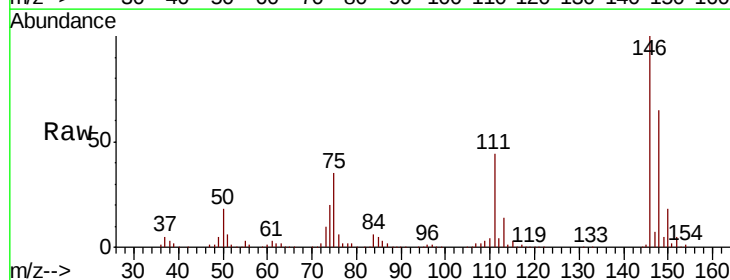
Tgt Ion:146 Resp: 412772

Ion Ratio Lower Upper

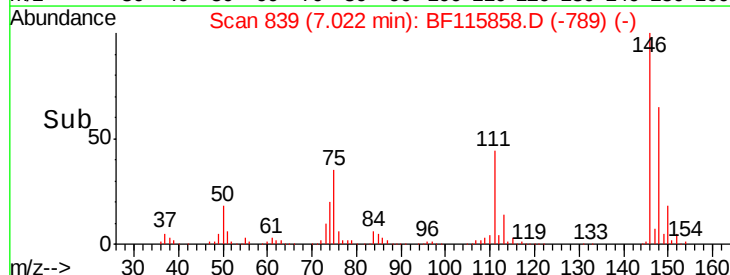
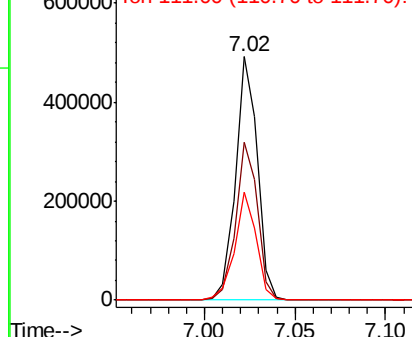
146 100

148 64.9 51.6 77.4

111 44.3 33.6 50.4



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





#15

Benzyl Alcohol

Concen: 42.834 ng

RT: 6.99 min Scan# 834

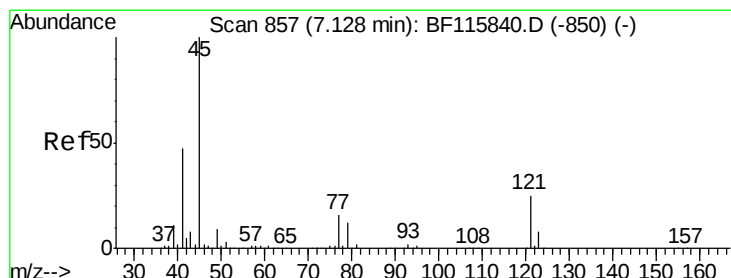
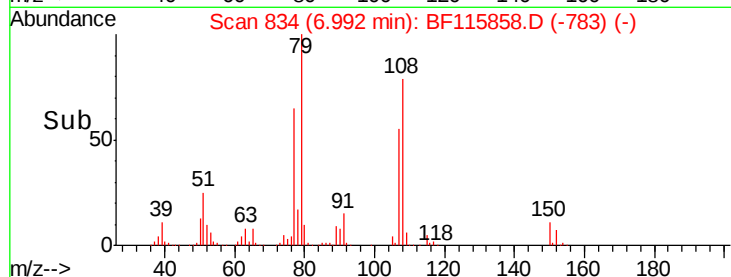
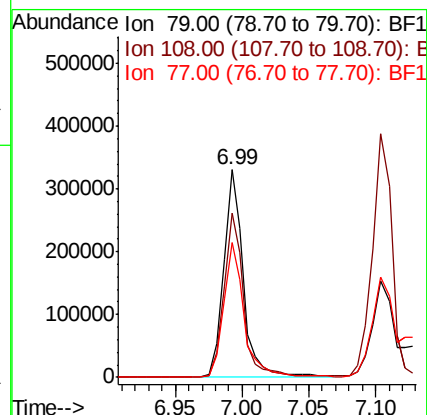
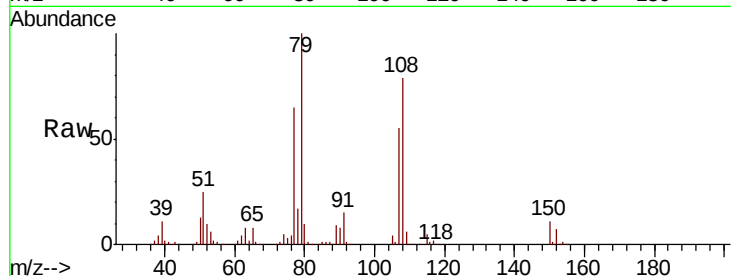
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	345497
Ion	Ratio	Lower	Upper
79	100		
108	78.9	62.8	94.2
77	65.1	52.0	78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.402 ng

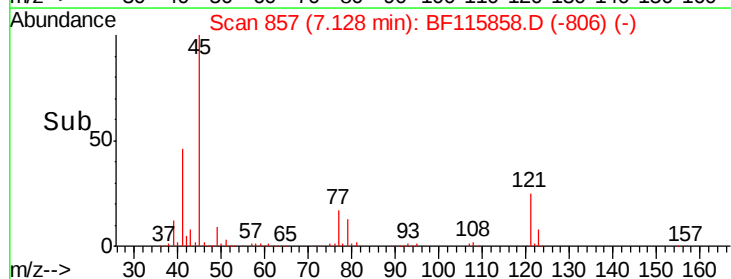
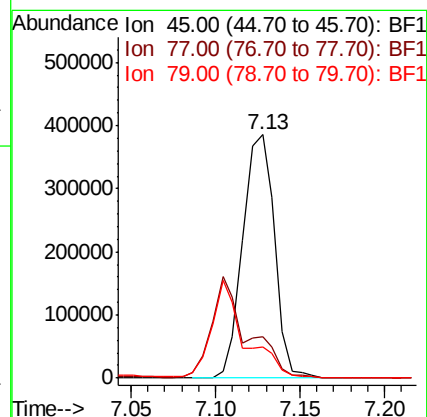
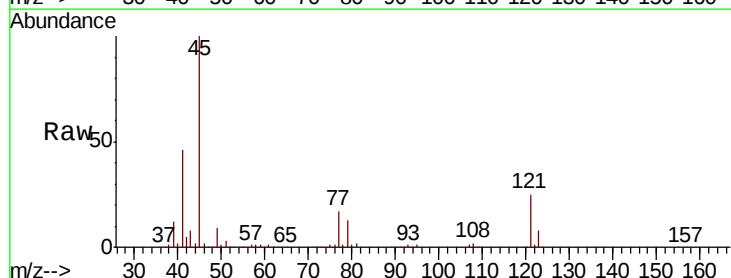
RT: 7.13 min Scan# 857

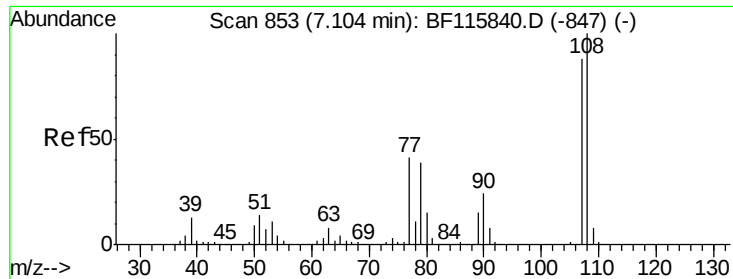
Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:	45	Resp:	507108
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.3
79	12.9	0.0	32.5

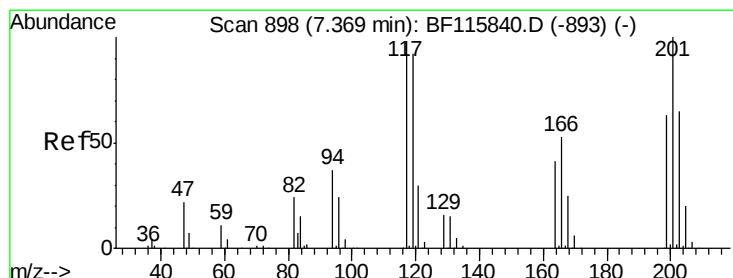
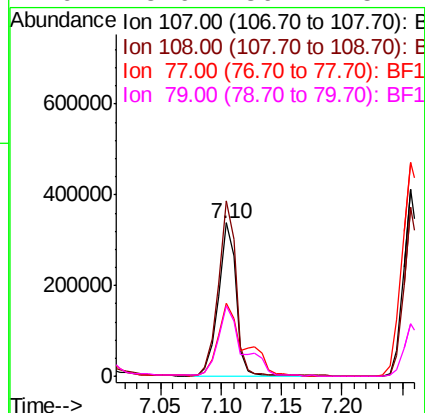
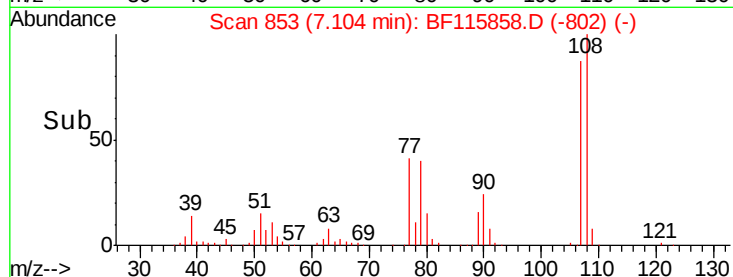
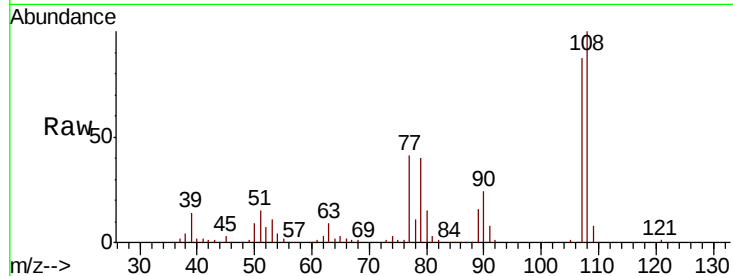




#17
2-Methylphenol
Concen: 42.773 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

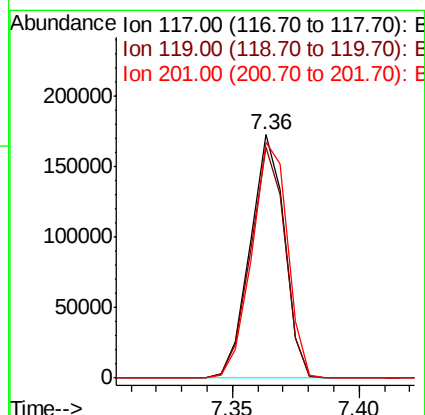
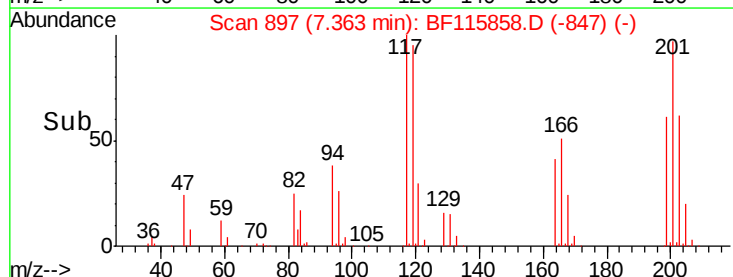
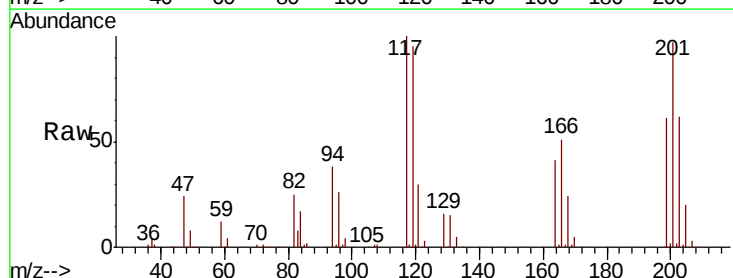
Instrument :
BNA_F
ClientSampleId :

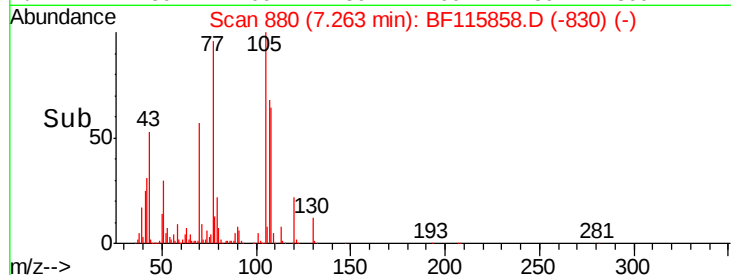
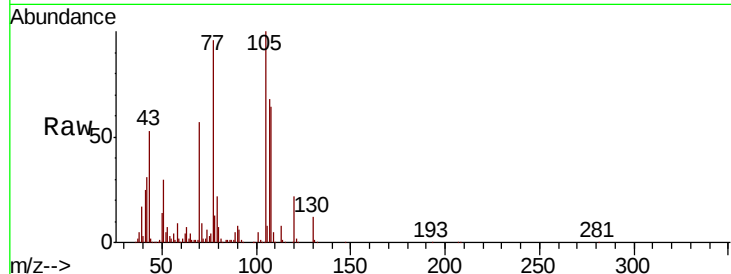
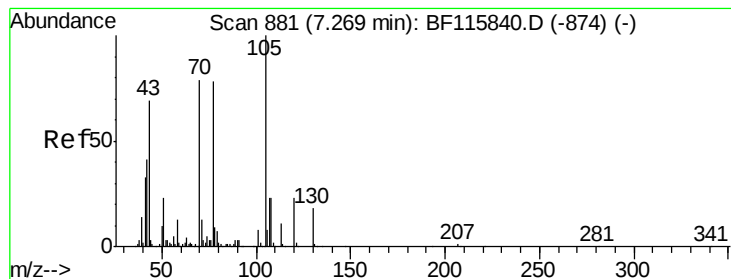
Tot Ion:107 Resp: 337383
Ion Ratio Lower Upper
107 100
108 114.6 91.4 137.0
77 47.3 37.6 56.4
79 45.6 36.2 54.4



#18
Hexachloroethane
Concen: 41.013 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:117 Resp: 162772
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
201 96.7 82.0 123.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.769 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 275101

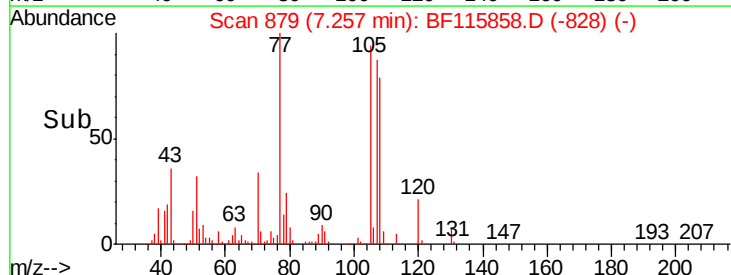
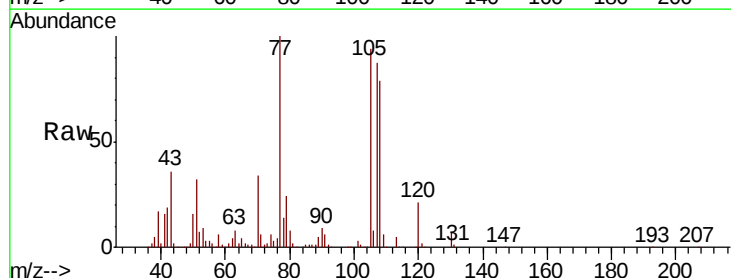
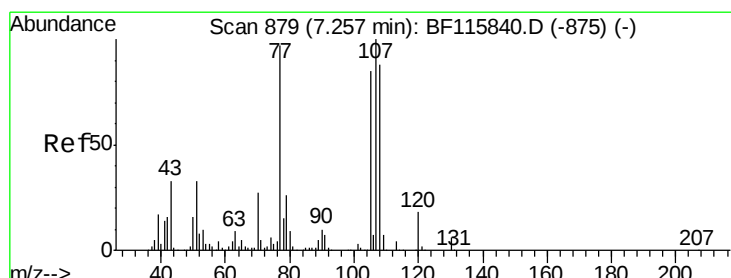
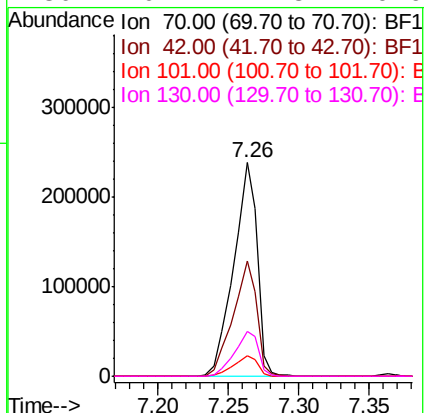
Ion Ratio Lower Upper

70 100

42 54.1 41.8 62.8

101 9.4 7.7 11.5

130 20.7 17.8 26.6



#20

3+4-Methylphenols

Concen: 43.453 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:107 Resp: 405604

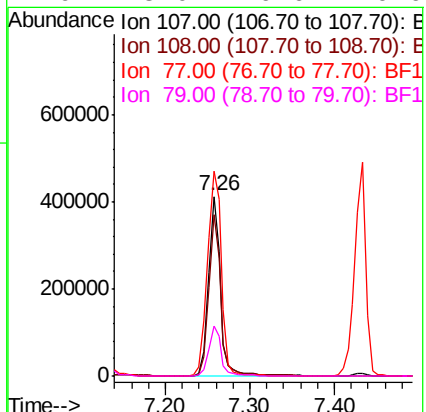
Ion Ratio Lower Upper

107 100

108 90.2 67.9 107.9

77 114.4 77.3 117.3

79 28.0 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: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 563386

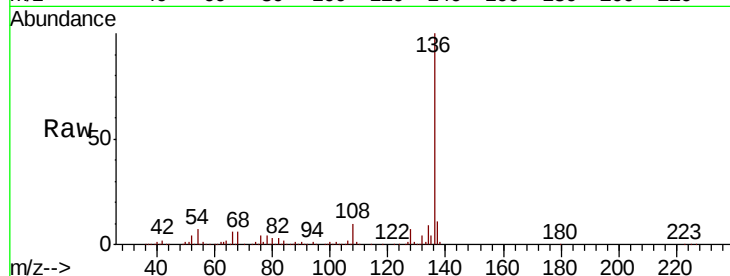
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 6.1 9.1

68 6.1 5.4 8.2

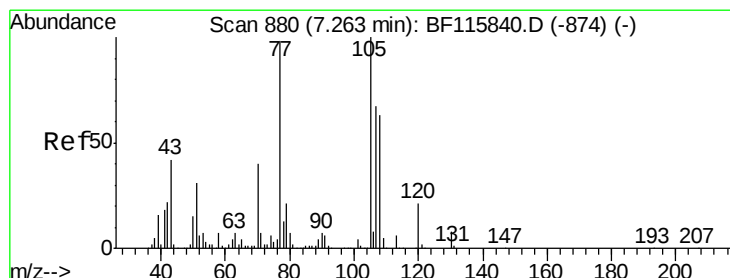
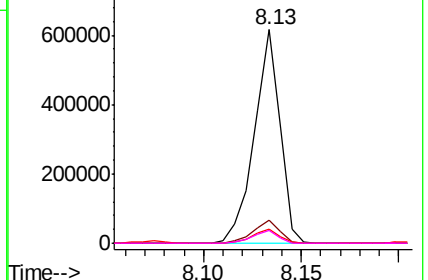
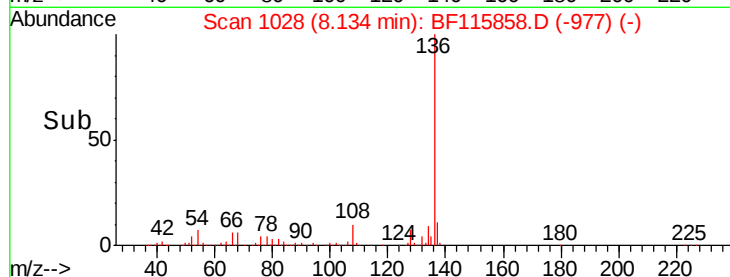


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.026 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Tgt Ion:105 Resp: 543980

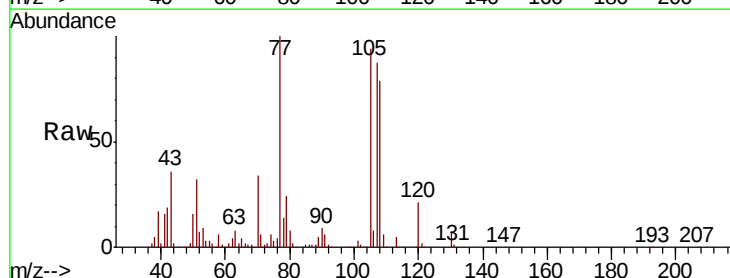
Ion Ratio Lower Upper

105 100

71 6.1 5.4 8.0

51 34.2 24.6 36.8

120 21.9 17.0 25.6

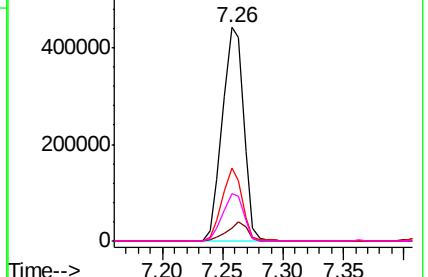
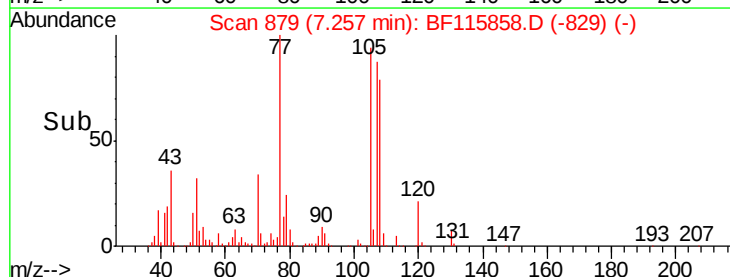


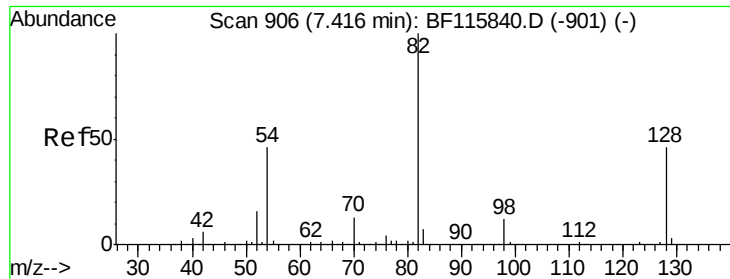
Abundance Ion 105.00 (104.70 to 105.70): E

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

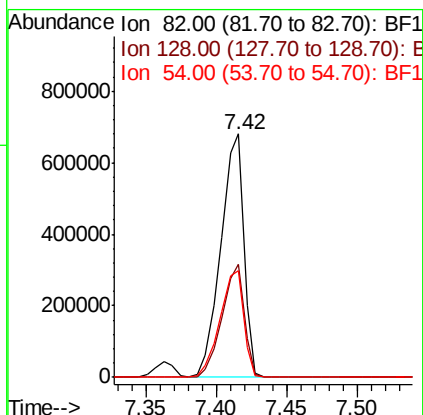
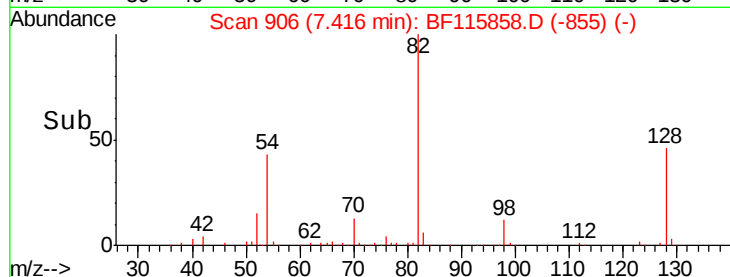
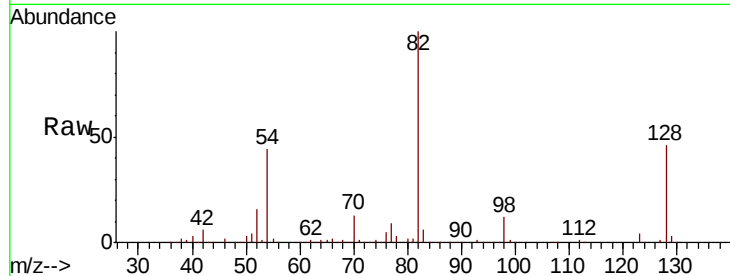




#23
Nitrobenzene-d5
Concen: 79.286 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

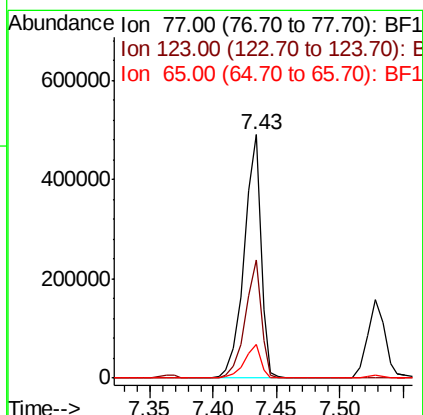
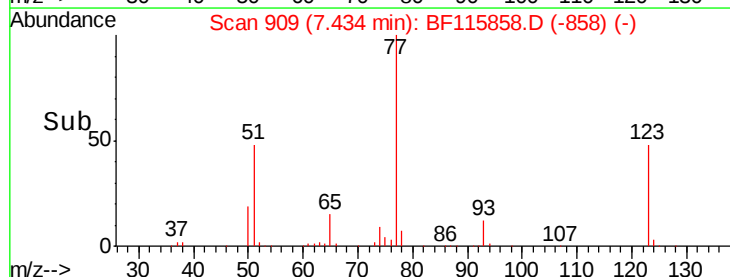
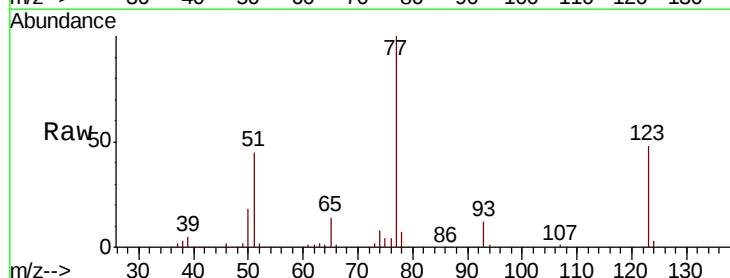
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	773839
Ion Ratio	100	Lower	Upper
128	46.3	36.6	55.0
54	43.7	36.6	55.0



#24
Nitrobenzene
Concen: 42.368 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	77	Resp	446502
Ion Ratio	100	Lower	Upper
123	48.5	35.5	53.3
65	13.6	10.6	15.8





#25

Isophorone

Concen: 42.348 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

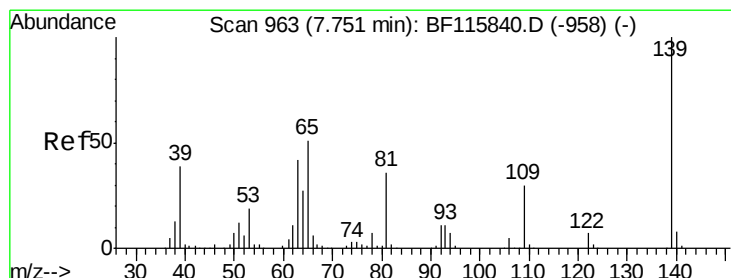
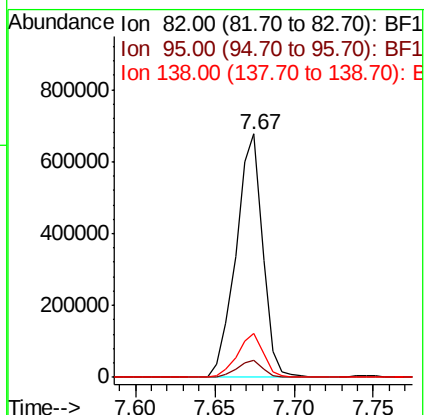
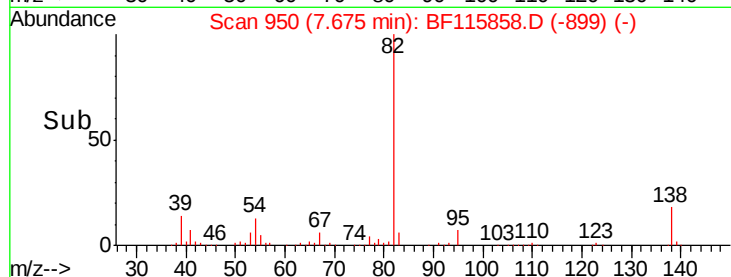
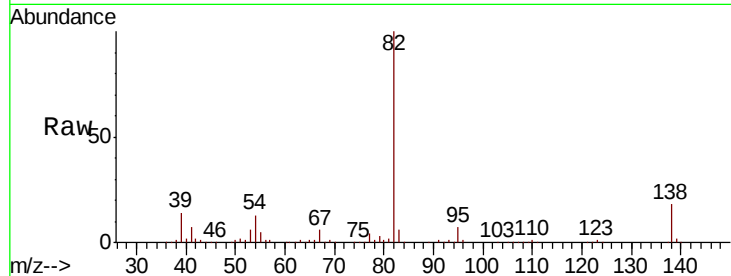
Tot Ion: 82 Resp: 790328

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.1 13.9 20.9



#26

2-Nitrophenol

Concen: 44.154 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

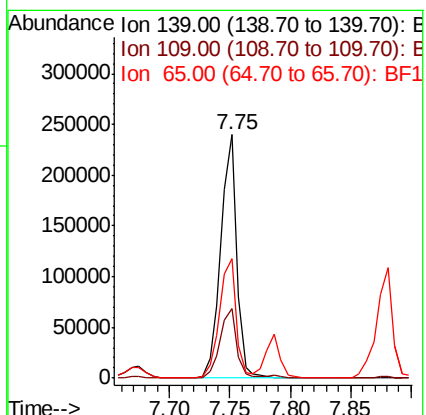
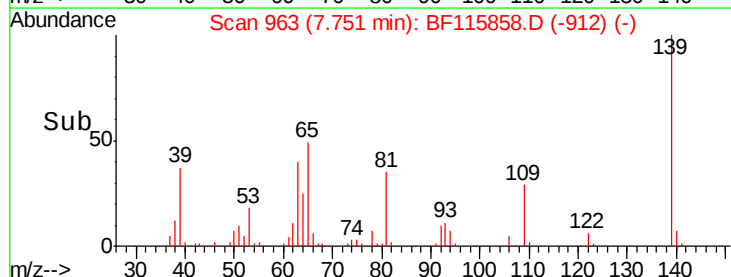
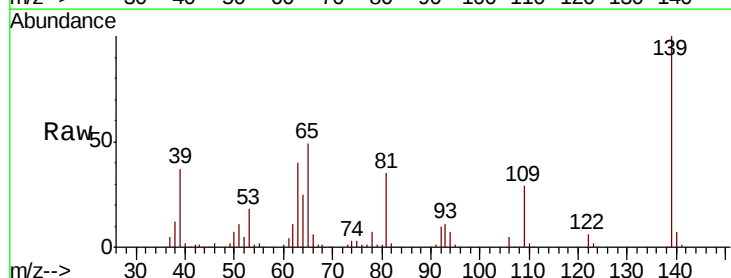
Tgt Ion: 139 Resp: 219345

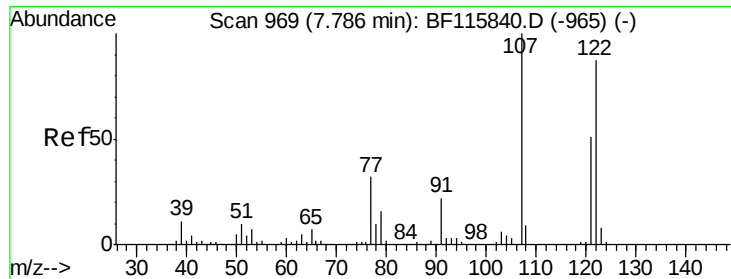
Ion Ratio Lower Upper

139 100

109 28.7 23.6 35.4

65 48.9 40.6 60.8

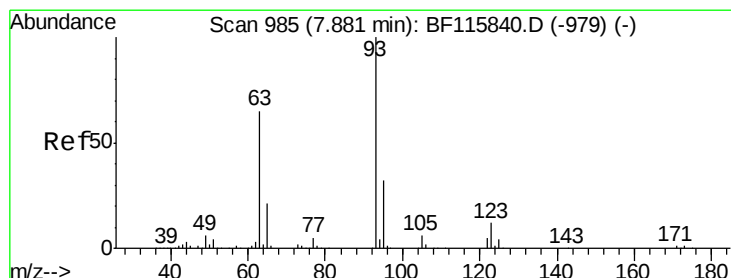
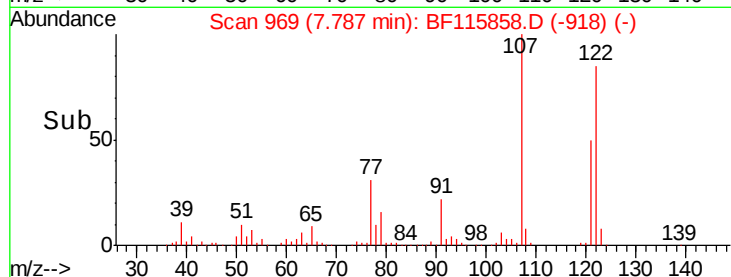
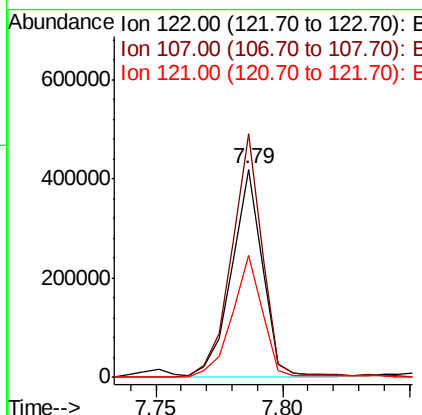
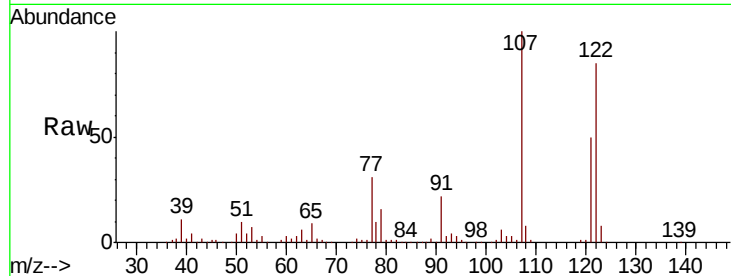




#27
2,4-Dimethylphenol
Concen: 47.442 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

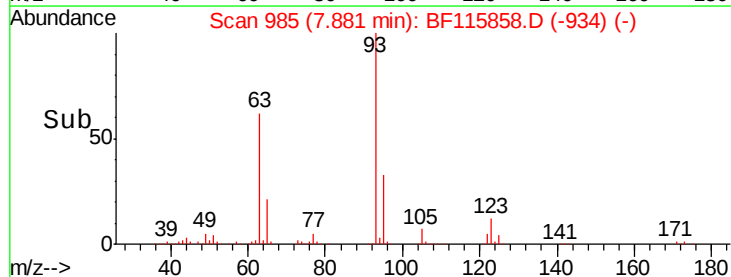
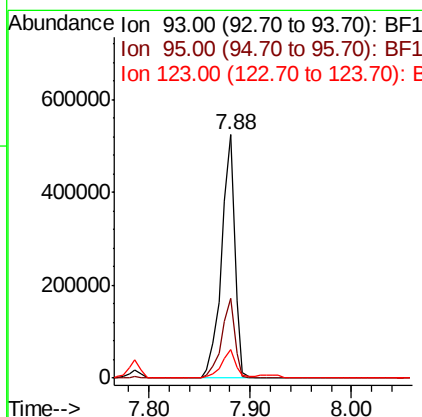
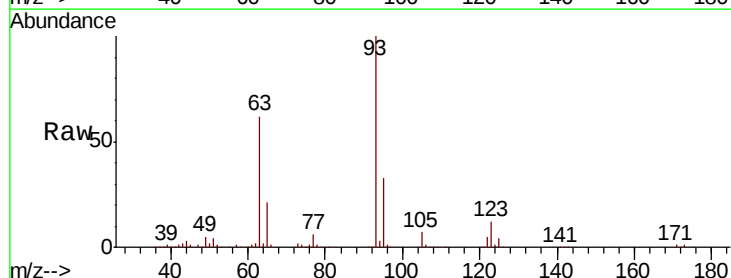
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 354575
Ion Ratio Lower Upper
122 100
107 117.0 91.7 137.5
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.297 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion: 93 Resp: 477704
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.9 9.5 14.3

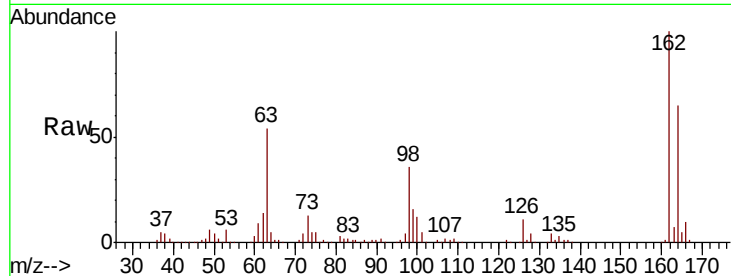




#29
 2,4-Dichlorophenol
 Concen: 43.250 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	36.1	17.3	57.3

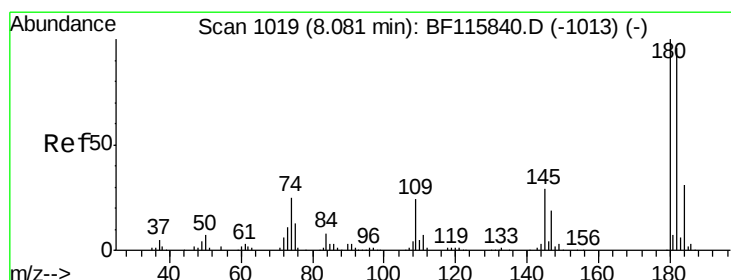
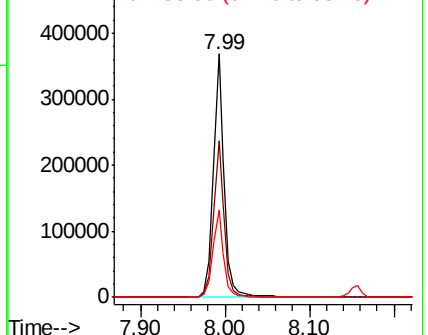
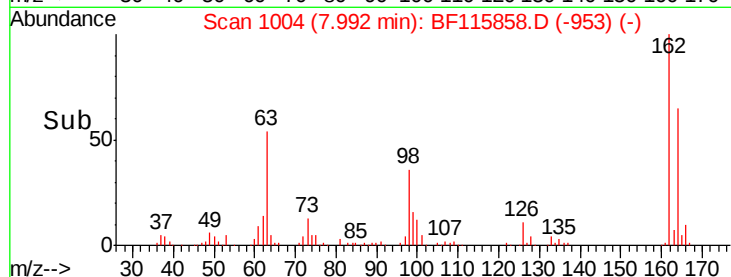


Abundance

Ion 162.00 (161.70 to 162.70): E

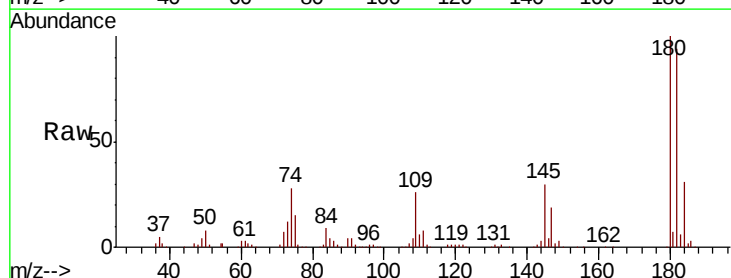
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.571 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	114.8
145	30.2	23.2	34.8

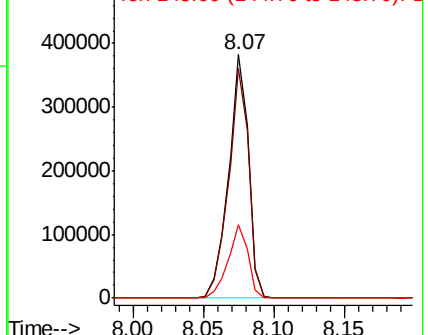
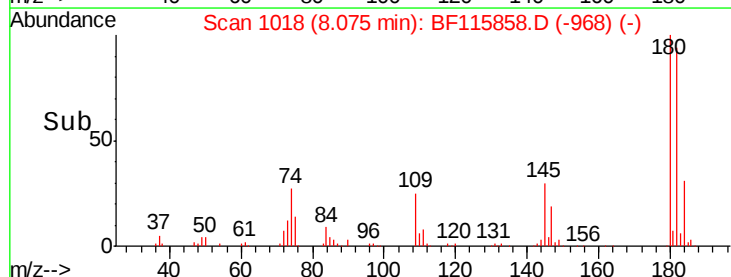


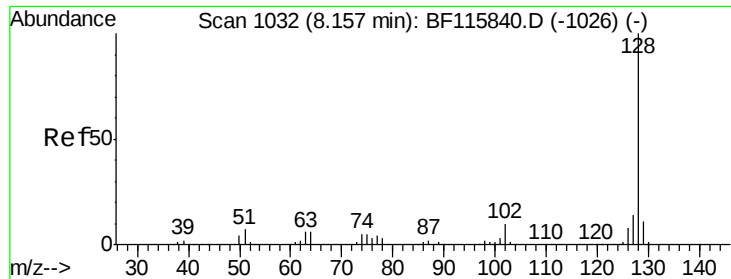
Abundance

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

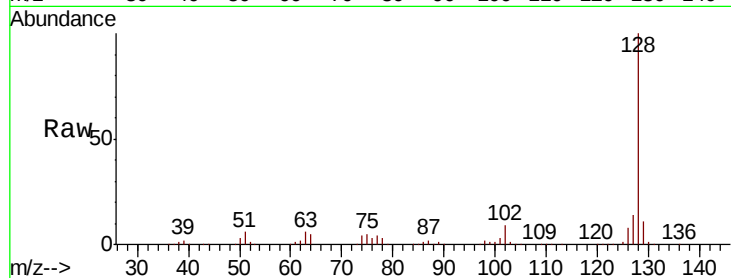




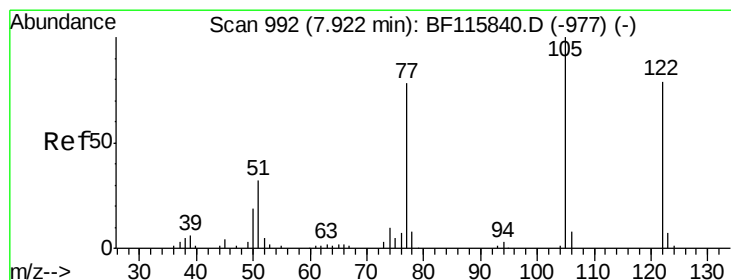
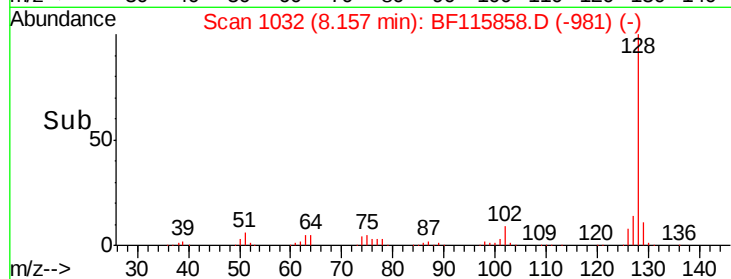
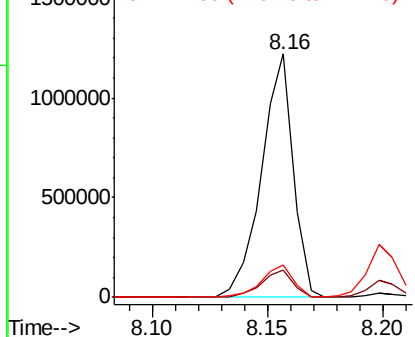
#31
Naphthalene
Concen: 44.105 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1169305
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 11.0 16.4

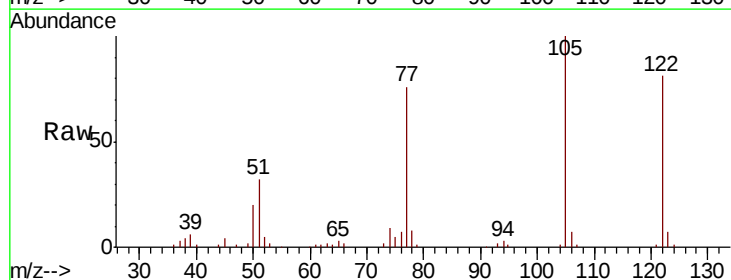


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

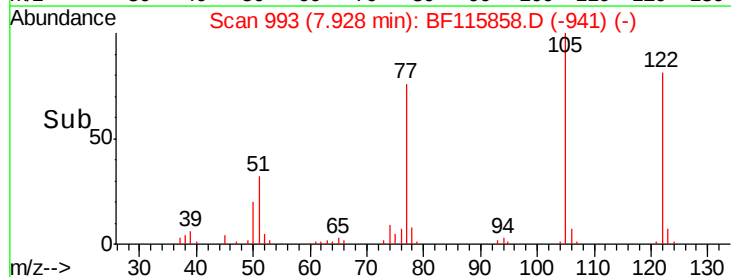
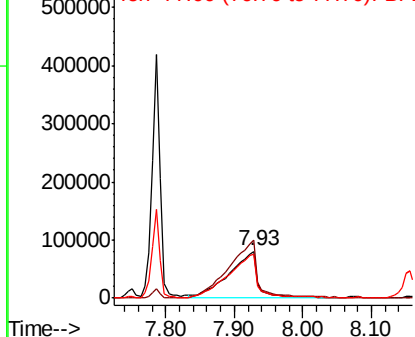


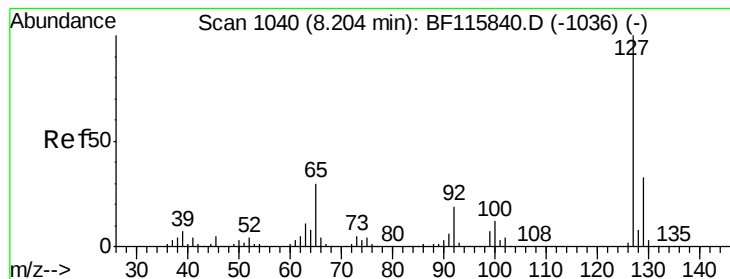
#32
Benzoic acid
Concen: 43.931 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:122 Resp: 231486
Ion Ratio Lower Upper
122 100
105 123.3 103.1 143.1
77 93.8 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: 22.543 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 267040

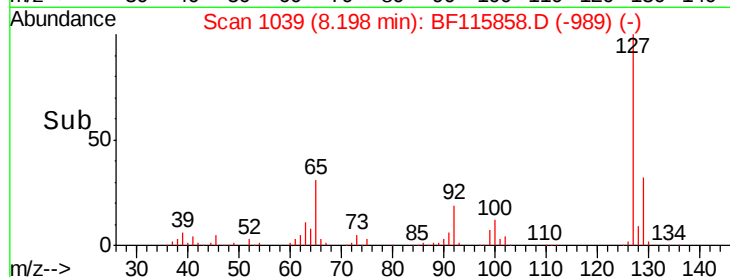
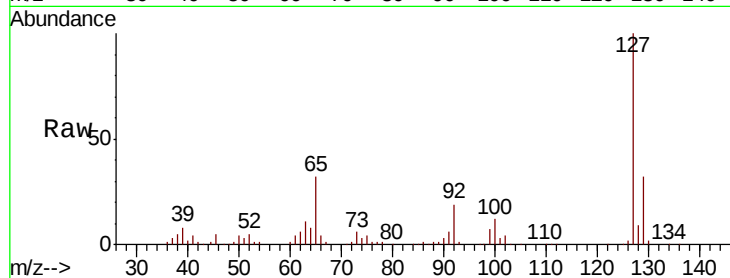
Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 31.6 23.9 35.9

92 18.8 14.9 22.3

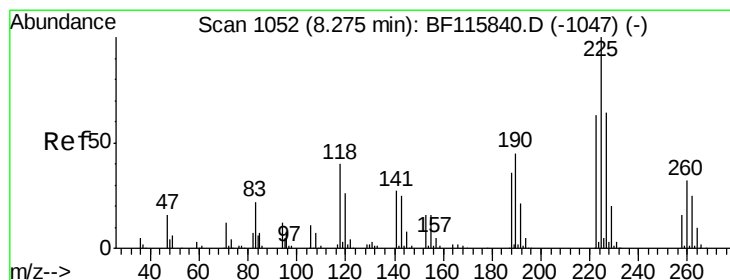
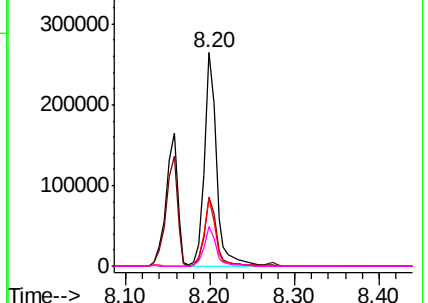


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.404 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

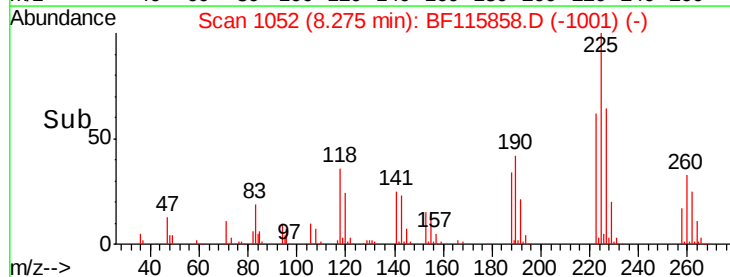
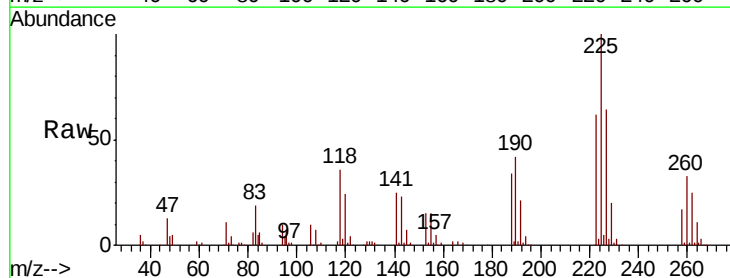
Tgt Ion:225 Resp: 209348

Ion Ratio Lower Upper

225 100

223 62.0 50.4 75.6

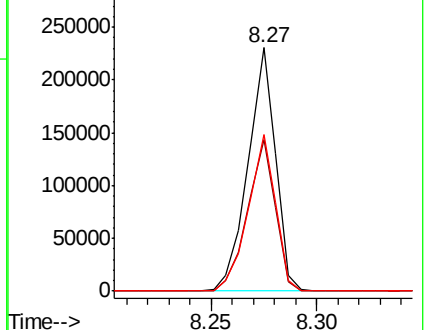
227 64.5 51.6 77.4



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

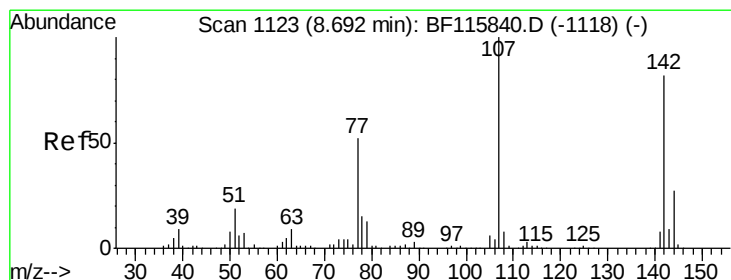
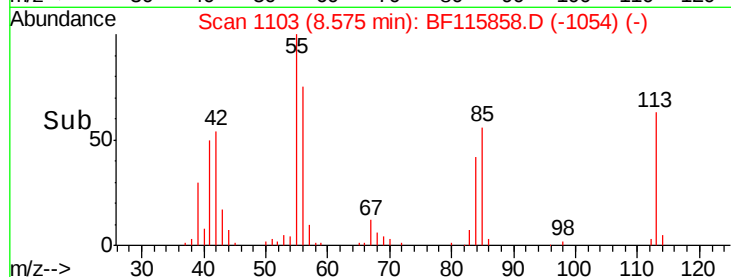
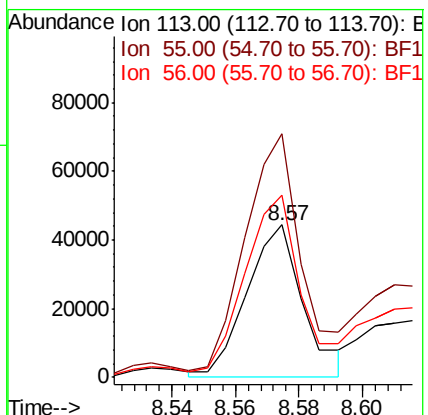
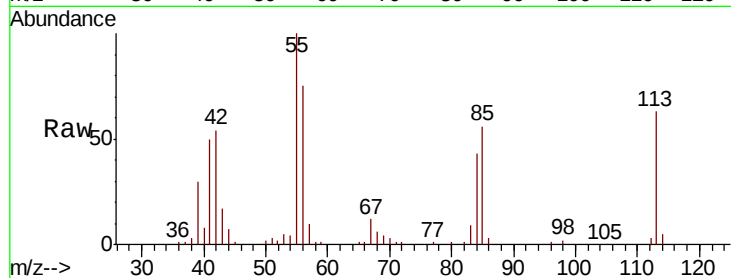




#35
Caprolactam
Concen: 21.317 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

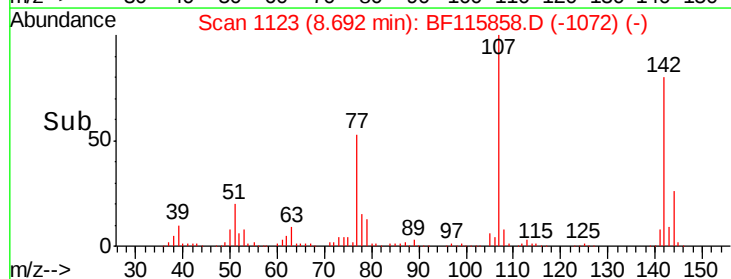
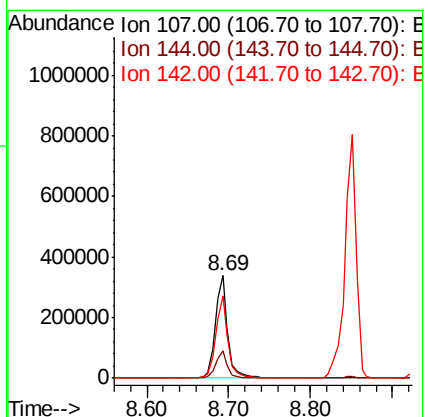
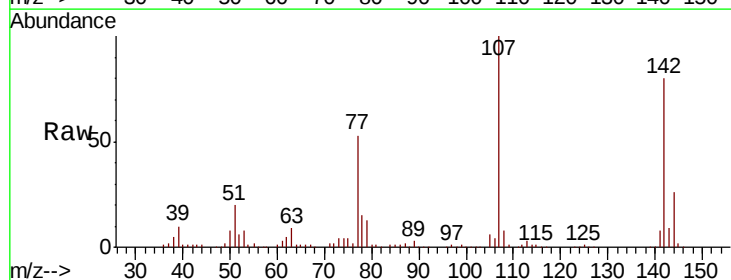
Instrument :
BNA_F
ClientSampleId :

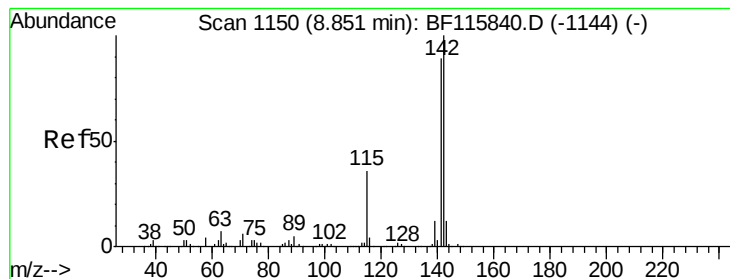
Tot Ion:113 Resp: 54408
Ion Ratio Lower Upper
113 100
55 159.6 138.1 178.1
56 119.4 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 43.175 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:107 Resp: 354450
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.0
142 79.8 65.5 98.3





#37

2-Methylnaphthalene

Concen: 44.068 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

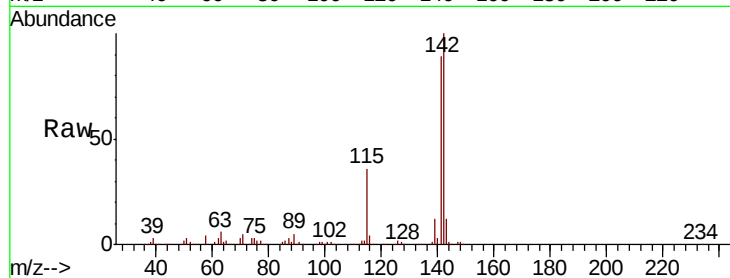
Tot Ion:142 Resp: 769433

Ion Ratio Lower Upper

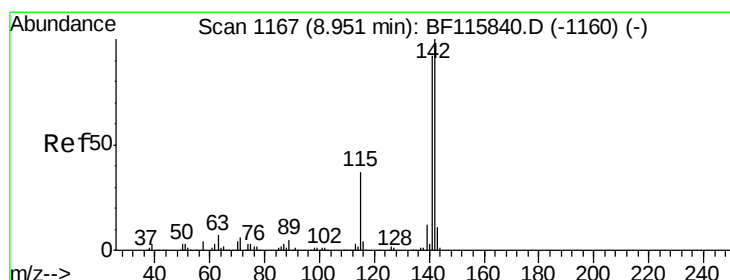
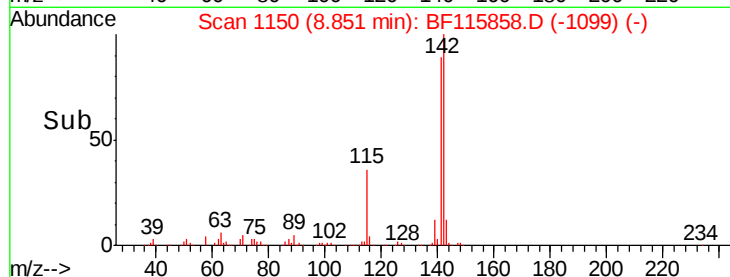
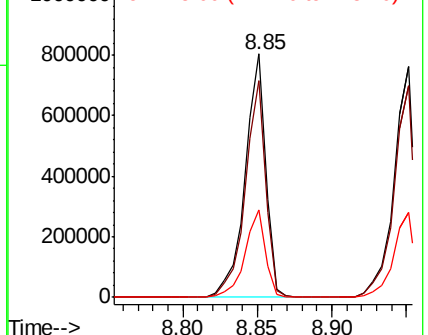
142 100

141 89.0 71.4 107.2

115 35.8 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: 43.834 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

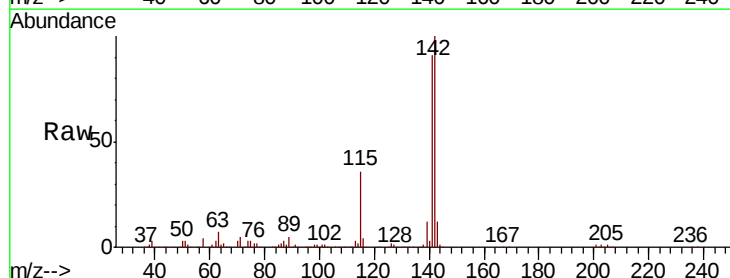
Tgt Ion:142 Resp: 724057

Ion Ratio Lower Upper

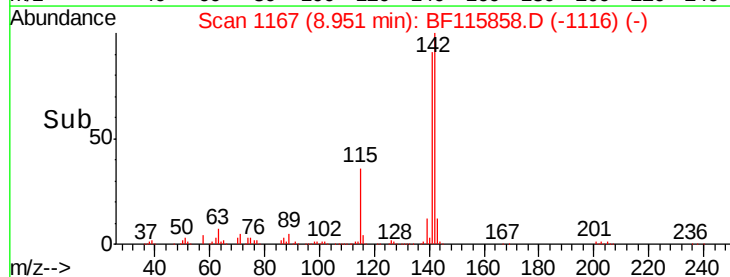
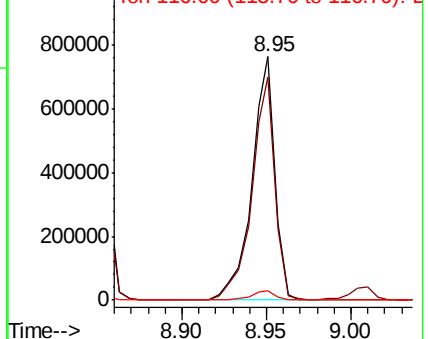
142 100

141 91.4 73.8 110.6

116 3.7 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

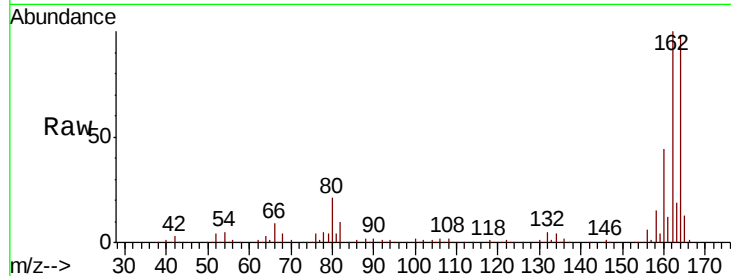




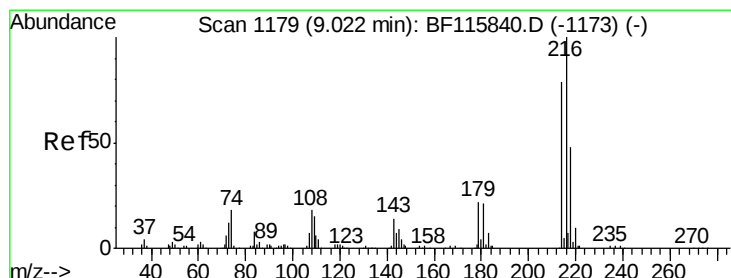
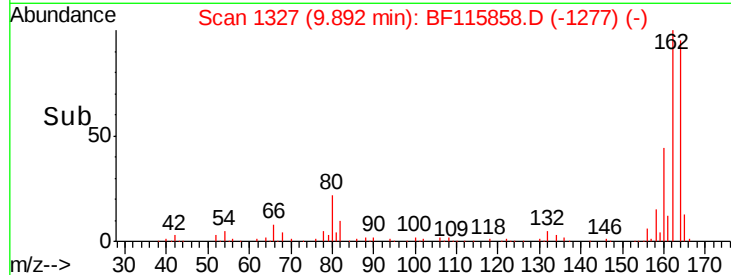
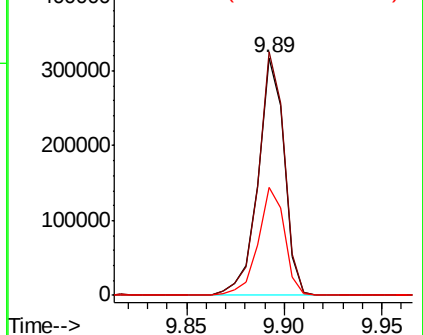
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 294522
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 45.5 36.2 54.4

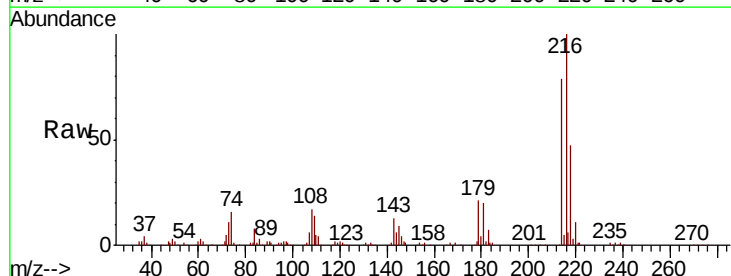


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

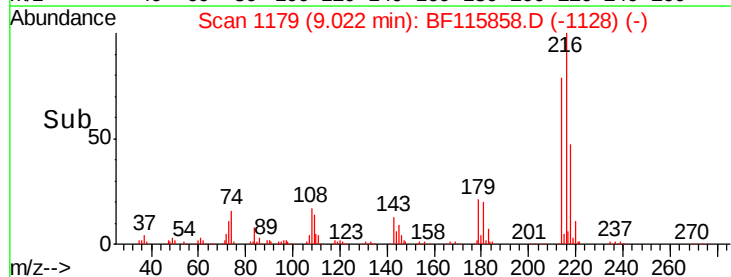
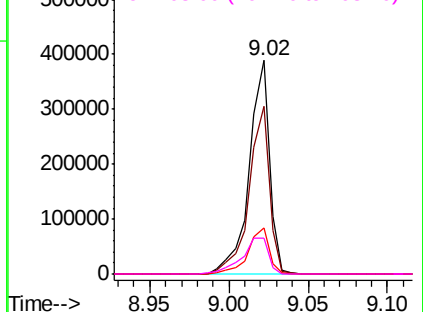


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.683 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:216 Resp: 343951
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 22.1 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: 84.353 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

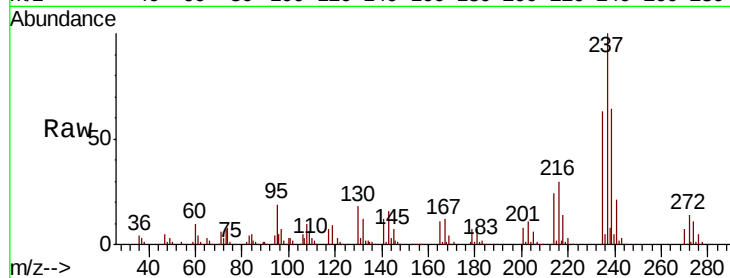
Tot Ion:237 Resp: 299398

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

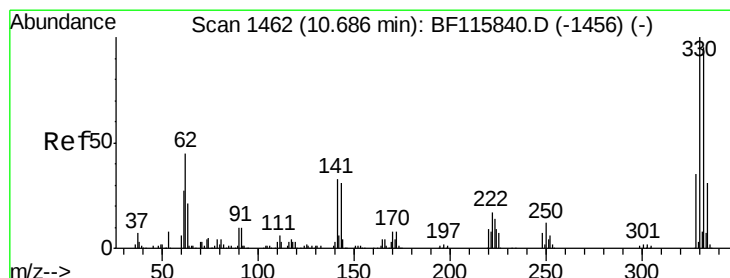
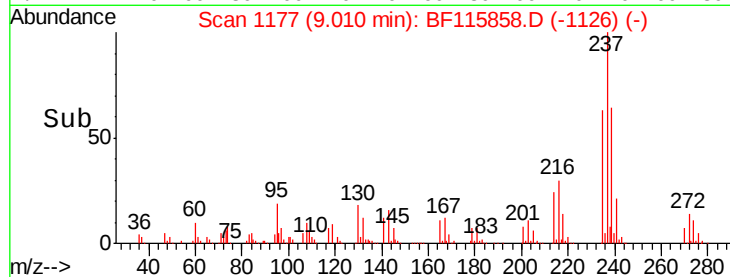
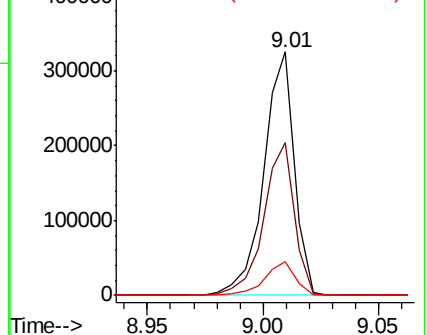
272 13.7 0.0 33.3



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: 111.533 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

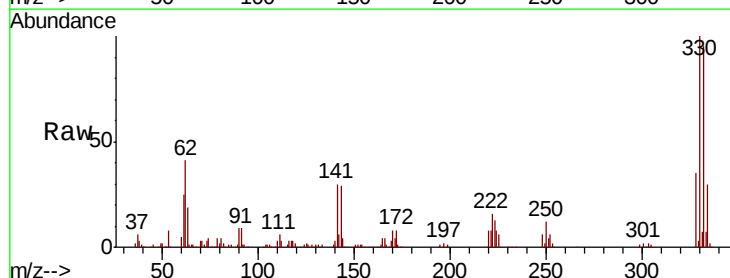
Tgt Ion:330 Resp: 318479

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

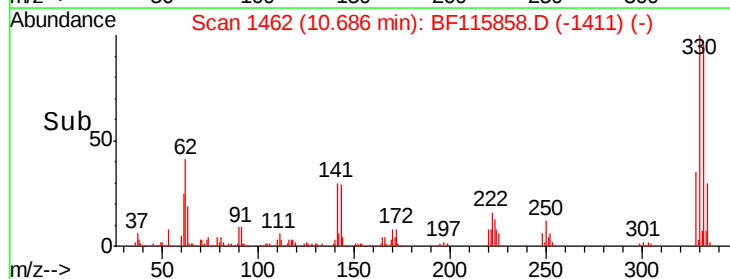
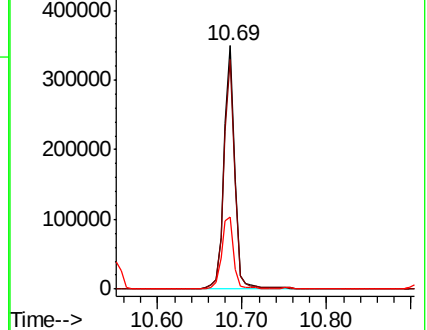
141 33.7 28.1 42.1

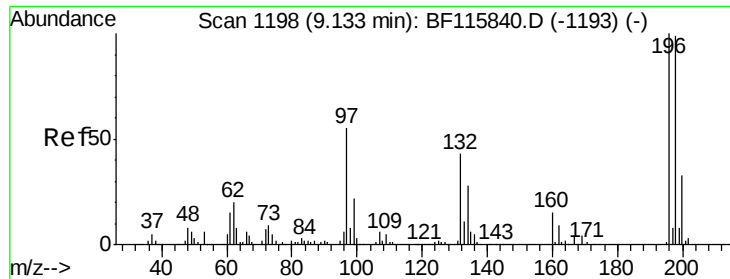


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

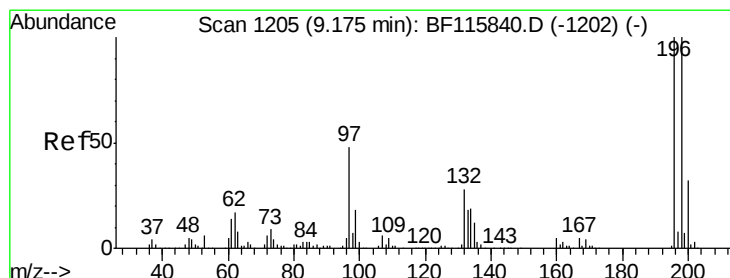
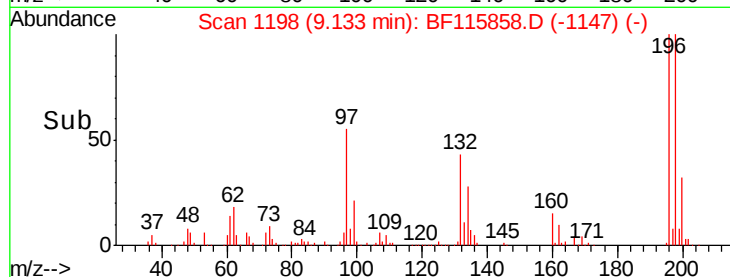
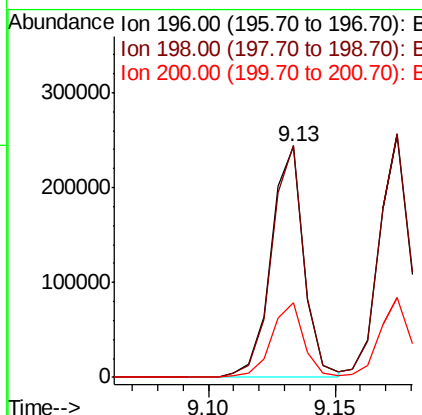
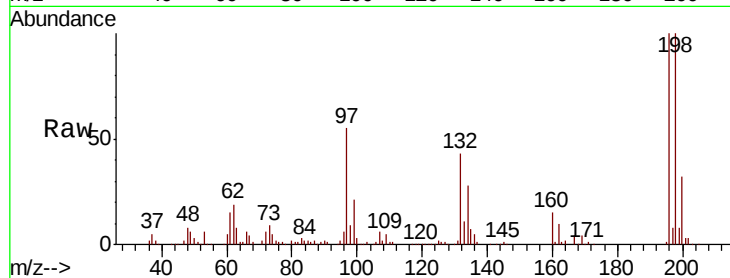




#43
 2,4,6-Trichlorophenol
 Concen: 40.814 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

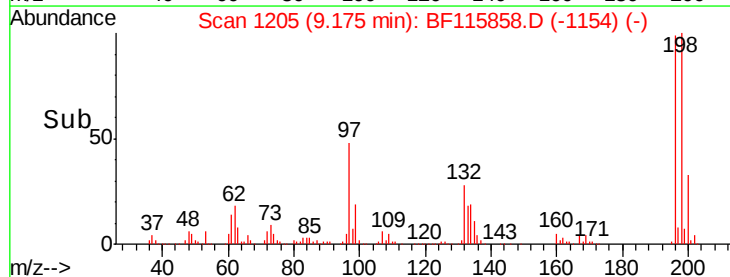
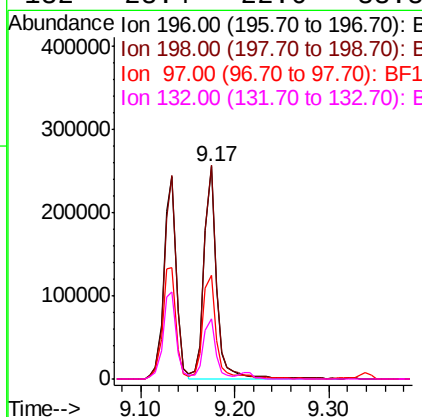
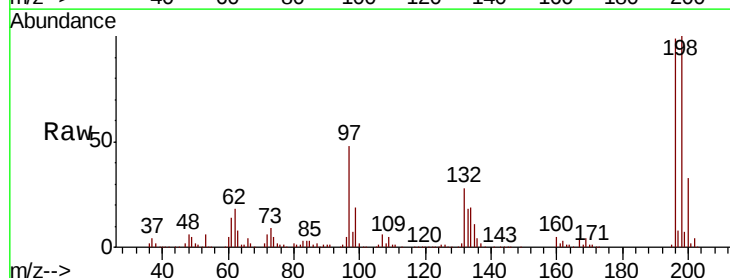
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	79.1	118.7
200	32.6	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.372 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.1	120.1
97	48.6	38.9	58.3
132	28.4	22.6	33.8

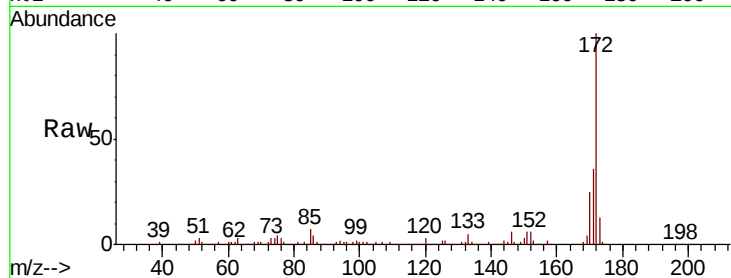




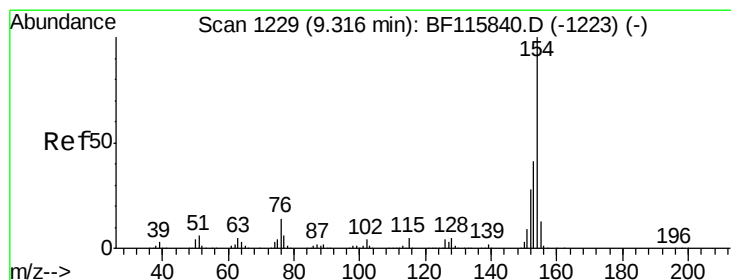
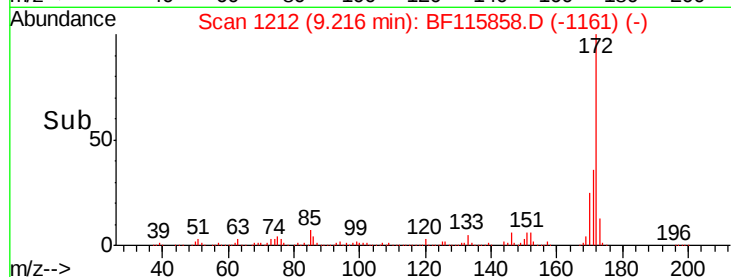
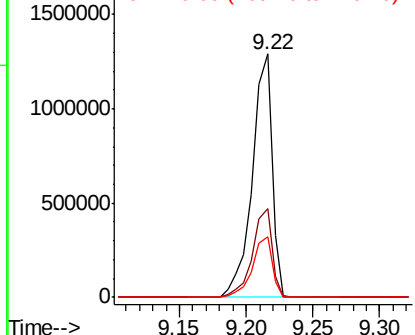
#45
2-Fluorobiphenyl
Concen: 83.406 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1311473
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.0 20.1 30.1

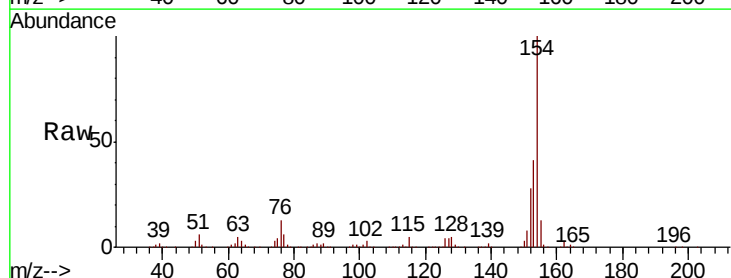


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

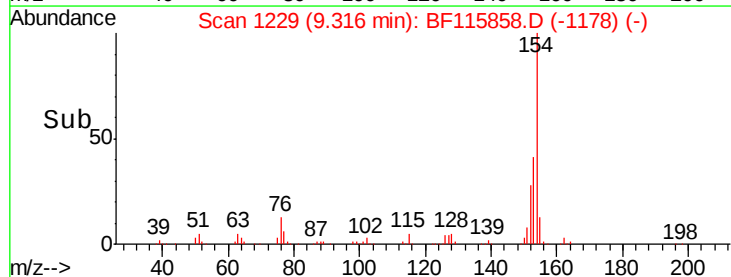
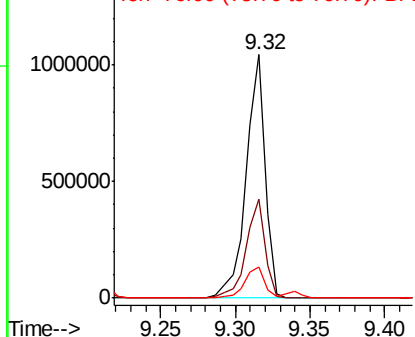


#46
1,1'-Biphenyl
Concen: 44.127 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:154 Resp: 917543
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 12.7 0.0 34.3



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

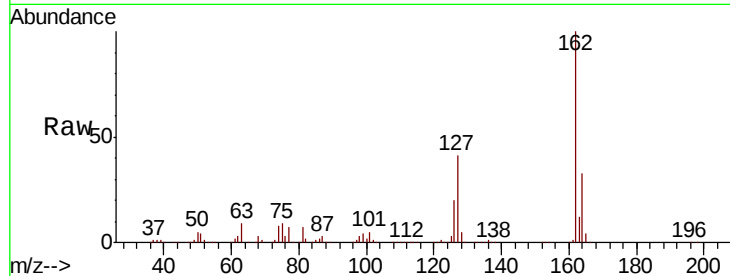




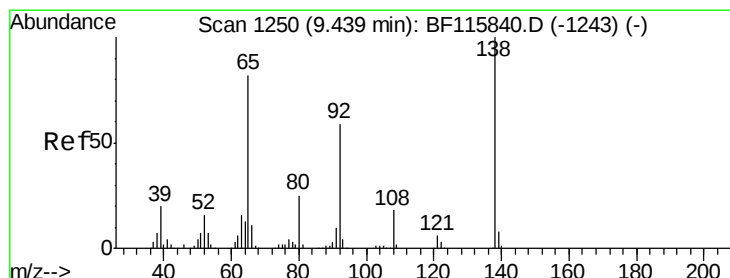
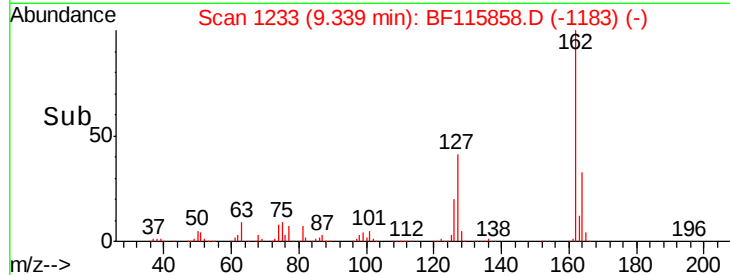
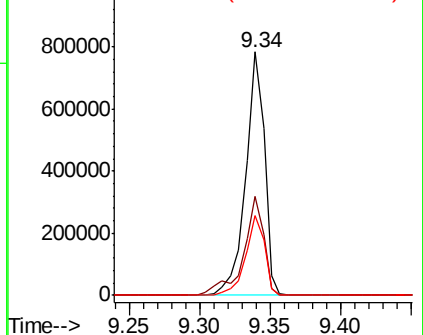
#47
 2-Chloronaphthalene
 Concen: 42.247 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	731133
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.3	46.9
164	32.9	26.6	40.0

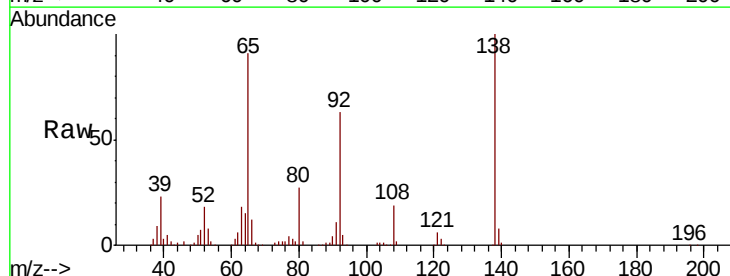


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

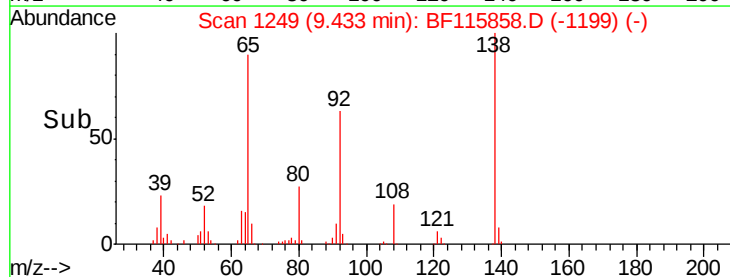
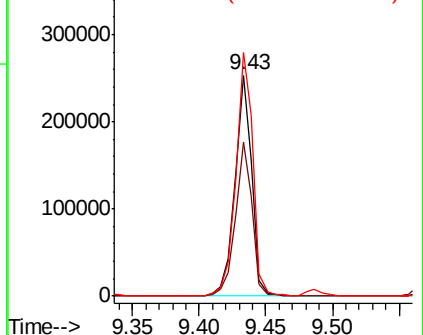


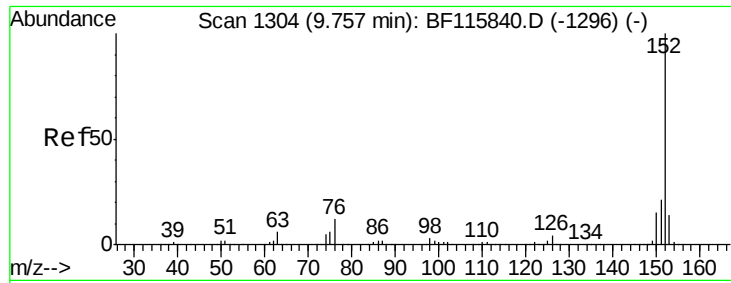
#48
 2-Nitroaniline
 Concen: 39.238 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:	65	Resp:	224453
Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.1	85.7
138	110.2	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: 43.813 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

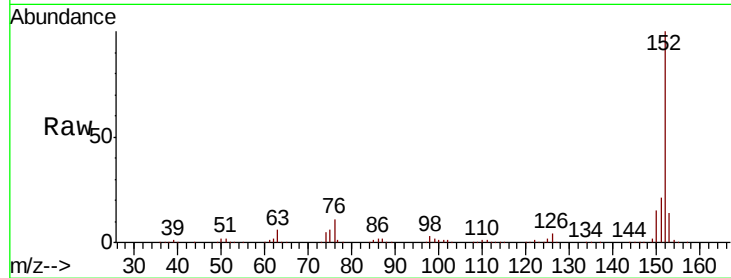
Tot Ion:152 Resp: 1106190

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

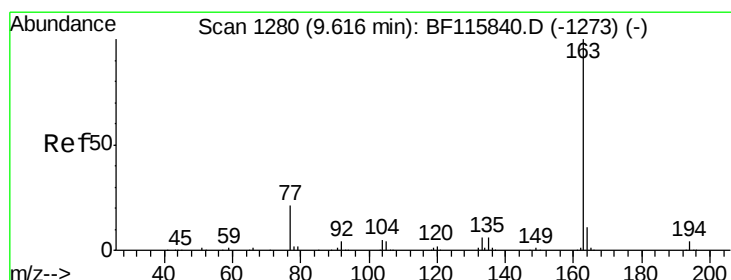
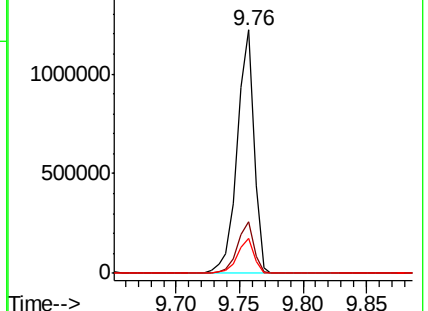
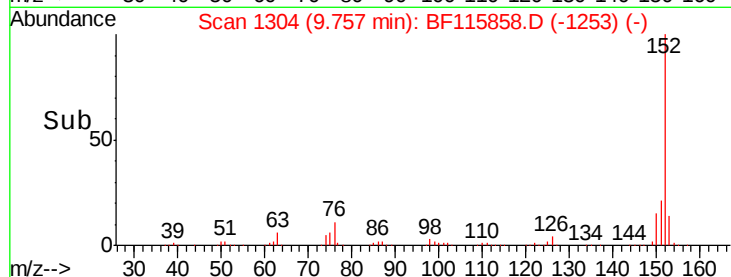
153 14.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.940 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

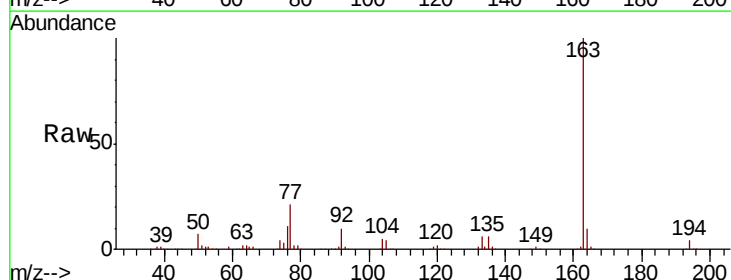
Tgt Ion:163 Resp: 800942

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

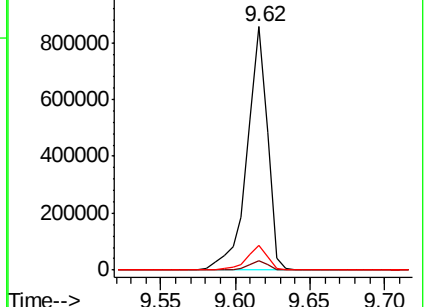
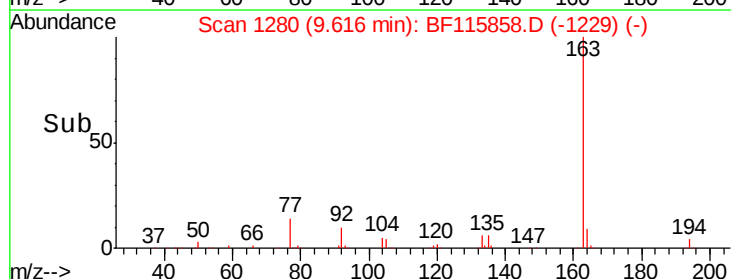
164 10.1 8.4 12.6

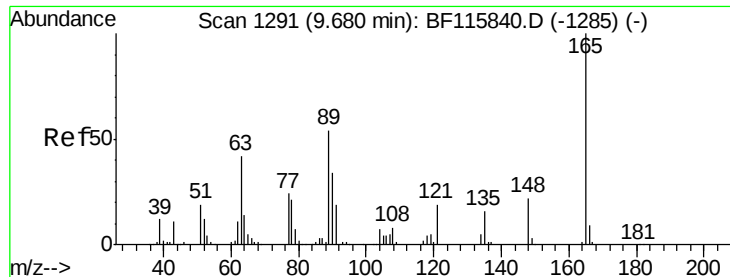


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

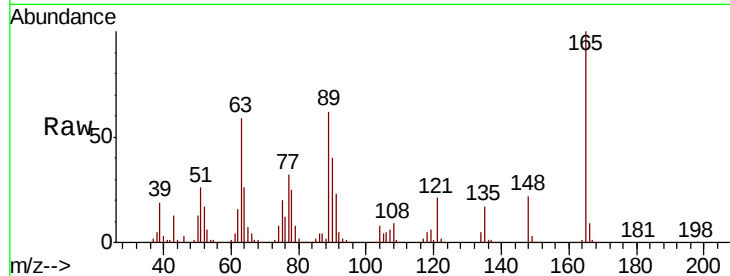




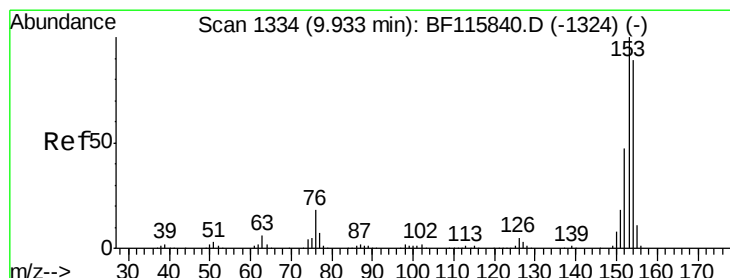
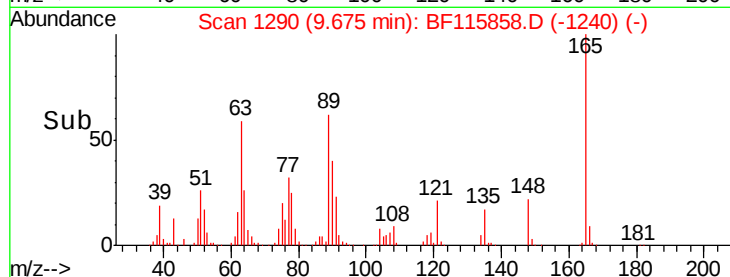
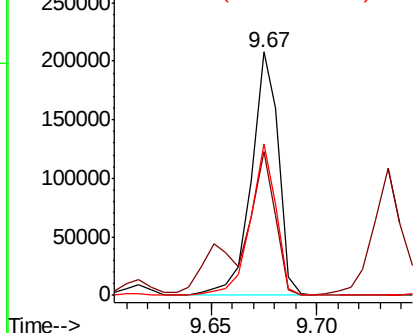
#51
 2,6-Dinitrotoluene
 Concen: 42.278 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 184249
 Ion Ratio Lower Upper
 165 100
 63 58.8 39.4 59.2
 89 62.0 43.0 64.6

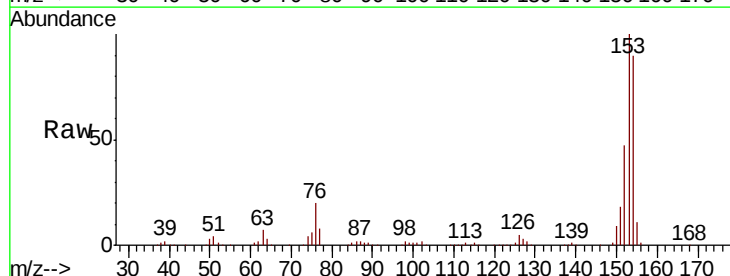


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

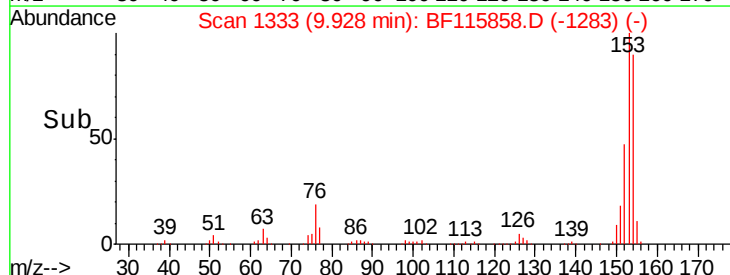
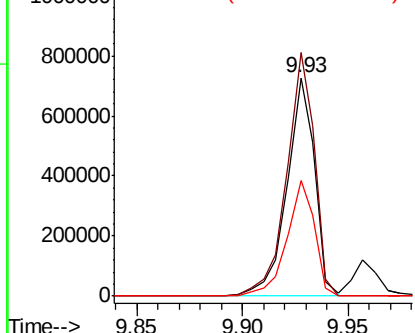


#52
 Acenaphthene
 Concen: 43.191 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:154 Resp: 668991
 Ion Ratio Lower Upper
 154 100
 153 111.5 90.1 135.1
 152 52.9 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

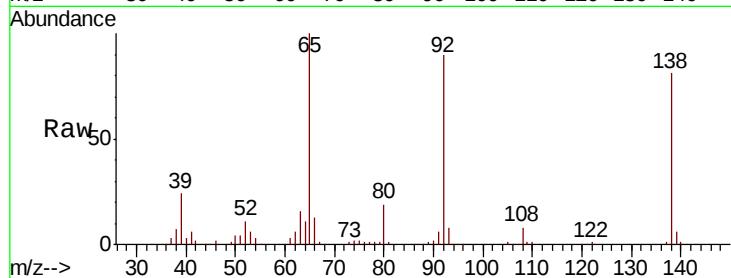




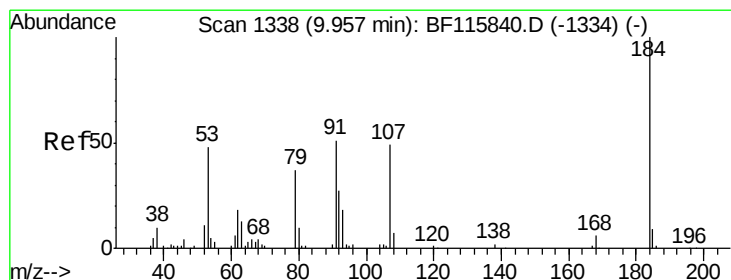
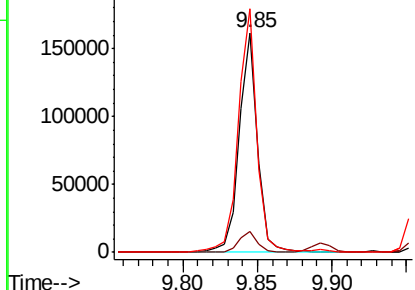
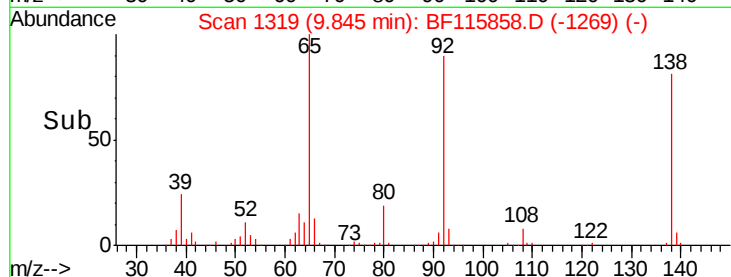
#53
 3-Nitroaniline
 Concen: 25.682 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 138296
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.2
 92 110.7 83.9 125.9

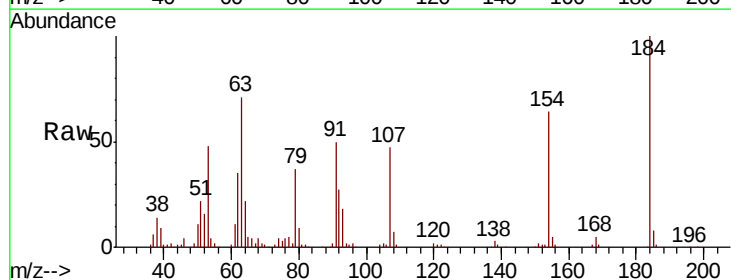


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

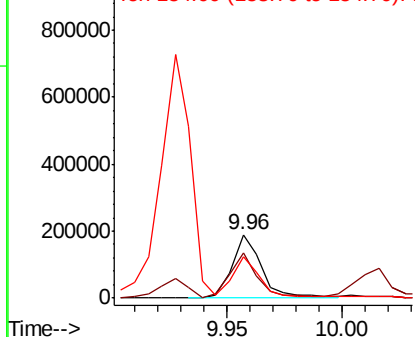
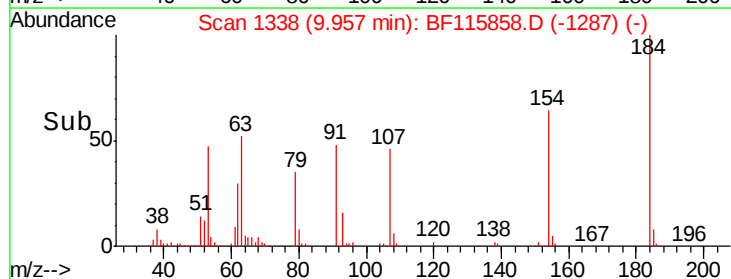


#54
 2,4-Dinitrophenol
 Concen: 76.858 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:184 Resp: 169606
 Ion Ratio Lower Upper
 184 100
 63 71.1 56.7 85.1
 154 64.4 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

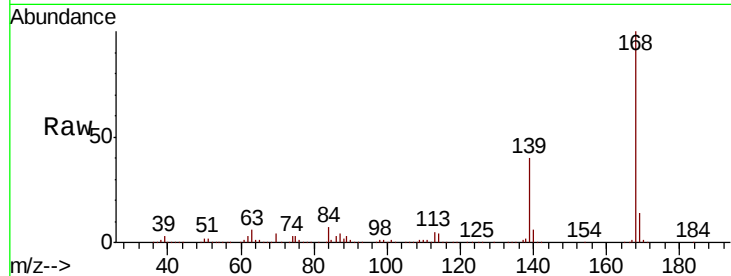




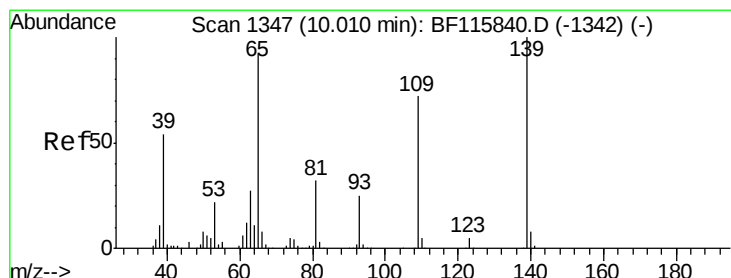
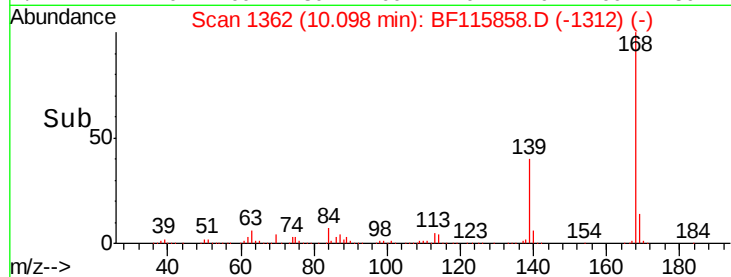
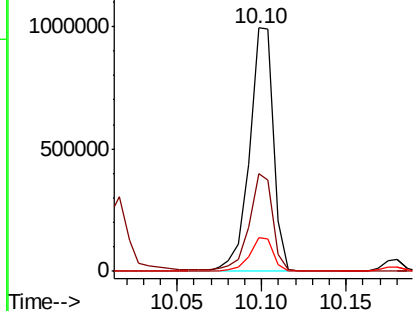
#55
Dibenzenofuran
Concen: 44.110 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 993599
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 13.9 10.8 16.2

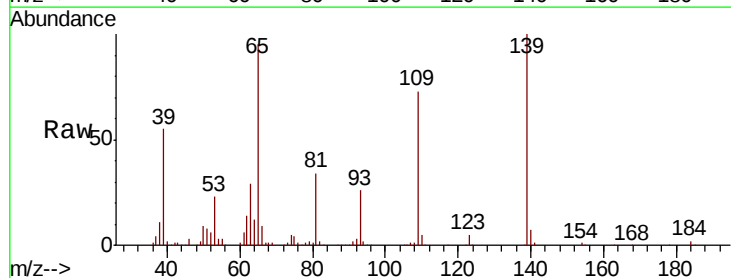


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

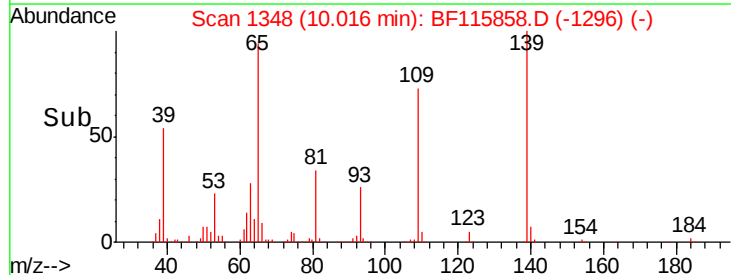
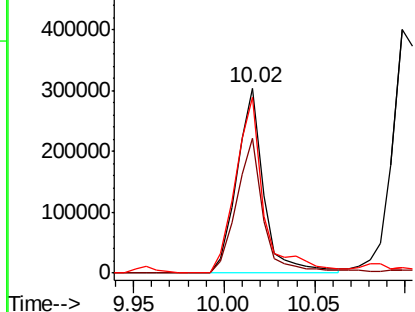


#56
4-Nitrophenol
Concen: 91.053 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:139 Resp: 314092
Ion Ratio Lower Upper
139 100
109 72.6 52.0 92.0
65 94.5 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

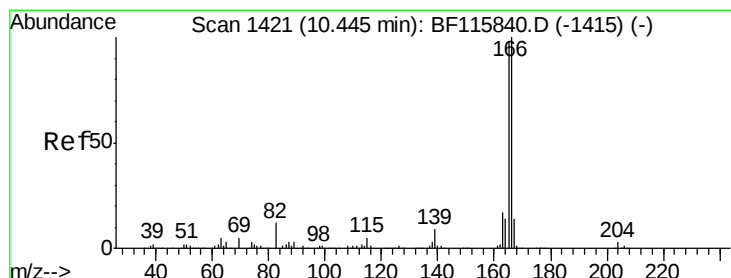
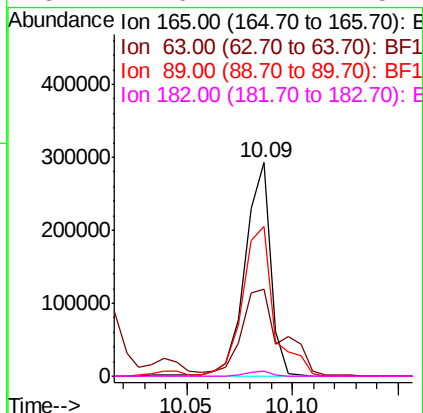
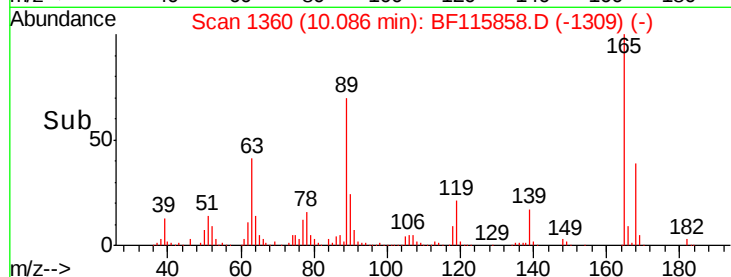
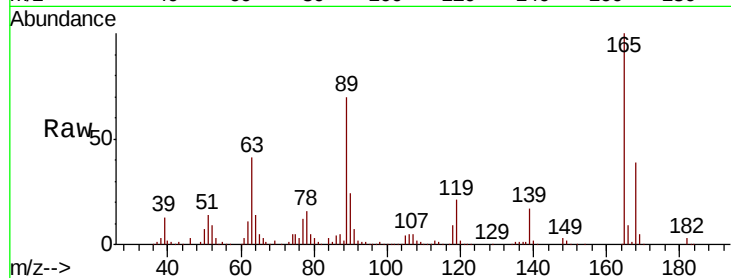




#57
2,4-Dinitrotoluene
Concen: 42.164 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

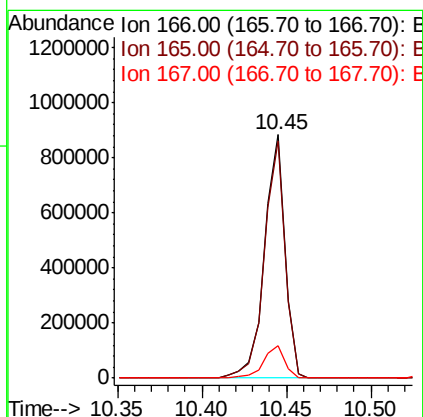
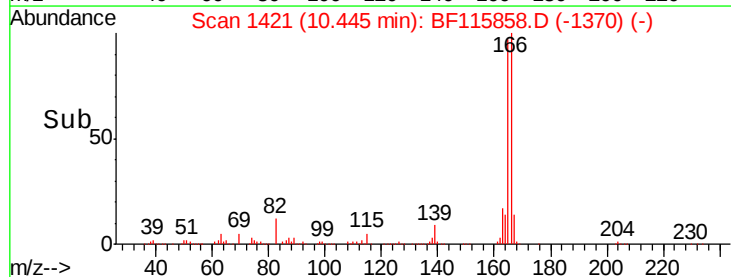
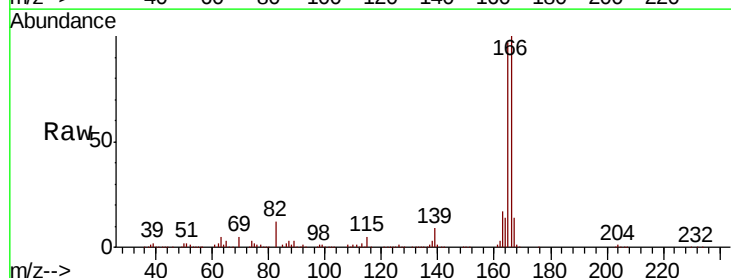
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.2	49.8
89	70.0	57.3	85.9
182	2.6	2.1	3.1



#58
Fluorene
Concen: 42.882 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	13.5	10.9	16.3

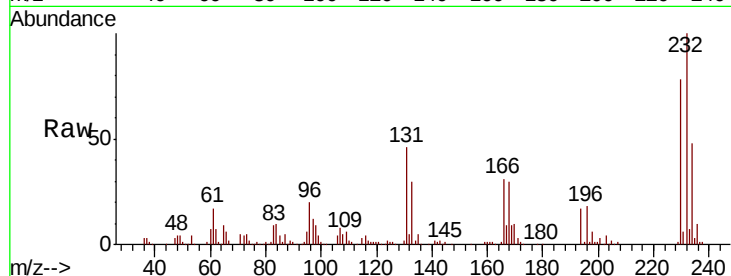




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.839 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.6	56.4
130	2.4	1.8	2.8
166	29.4	24.6	37.0



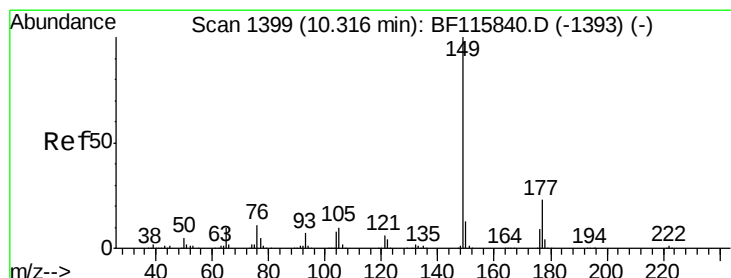
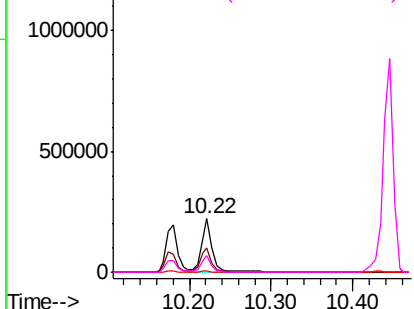
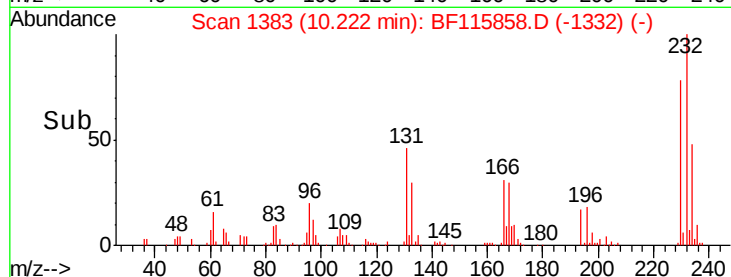
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

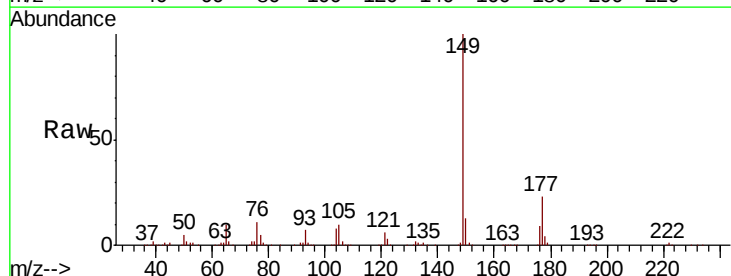
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.301 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.7	10.1	15.1

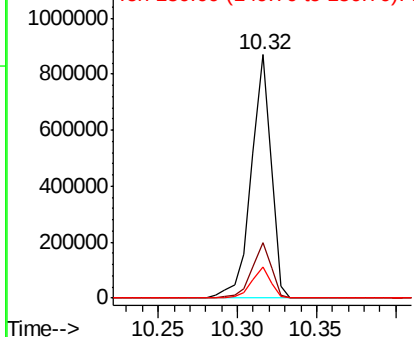
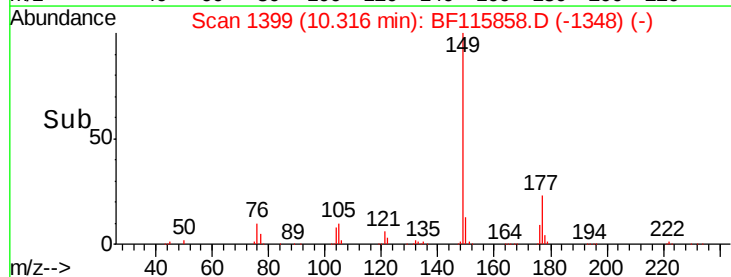


Abundance

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

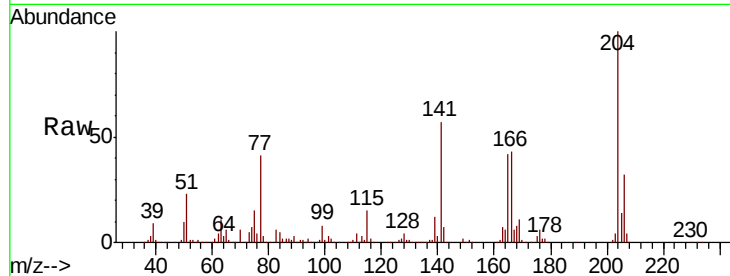




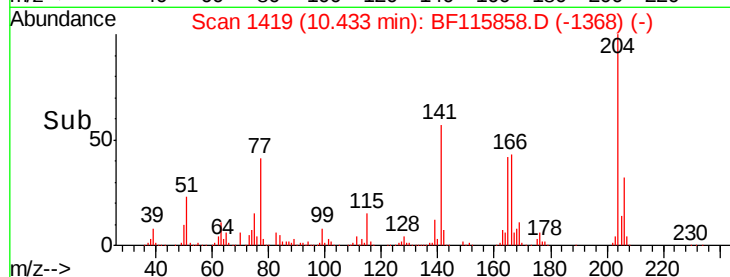
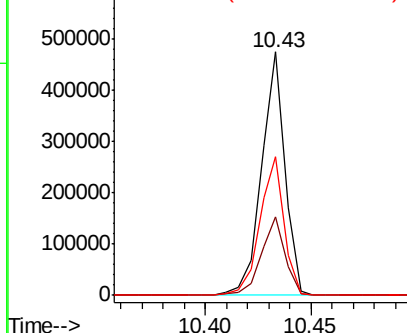
#61
4-Chlorophenyl-phenylether
Concen: 42.054 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 369112
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 57.1 47.0 70.4

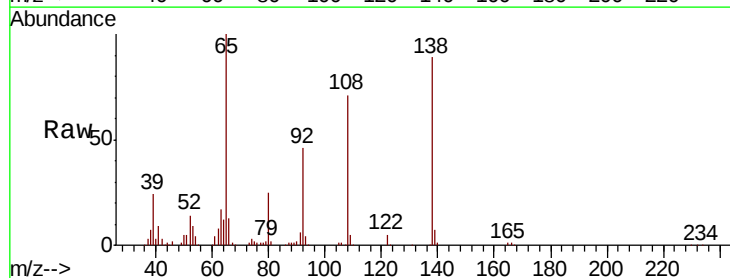


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

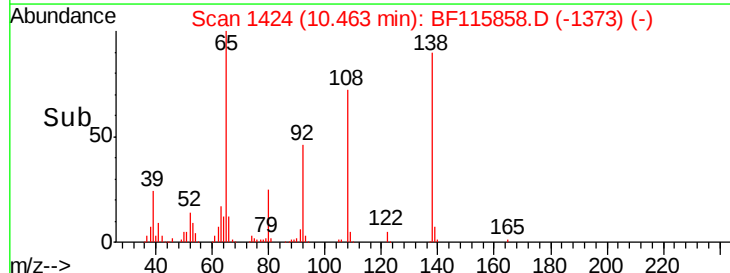
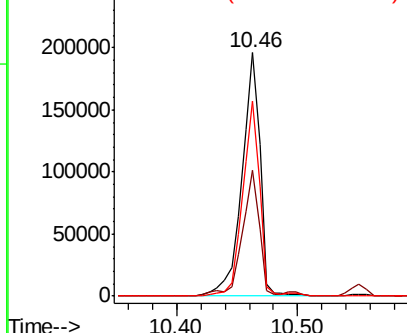


#62
4-Nitroaniline
Concen: 37.031 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:138 Resp: 206078
Ion Ratio Lower Upper
138 100
92 51.5 31.0 71.0
108 80.0 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: 42.080 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 810344

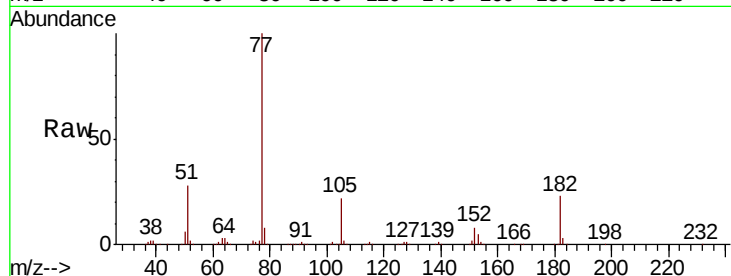
Ion Ratio Lower Upper

77 100

182 23.0 2.6 42.6

105 21.9 1.6 41.6

51 27.5 7.4 47.4

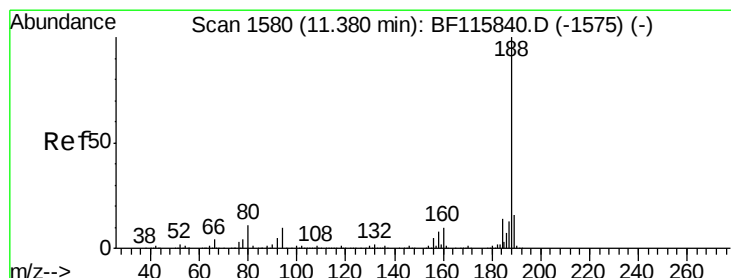
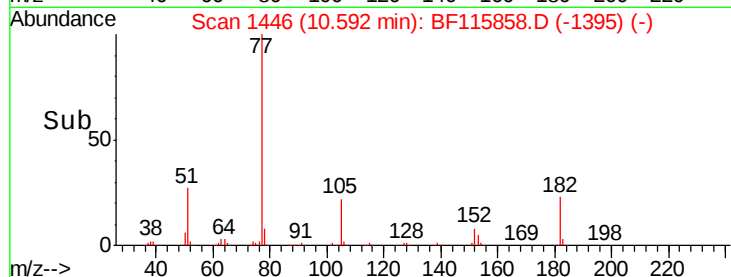
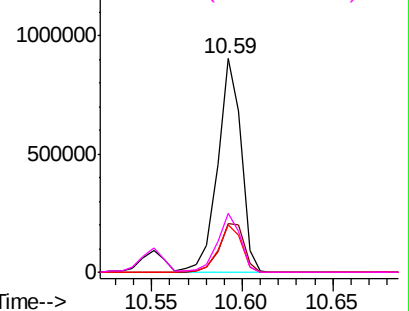


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115858.D

Acq: 31 Jul 2019 11:44

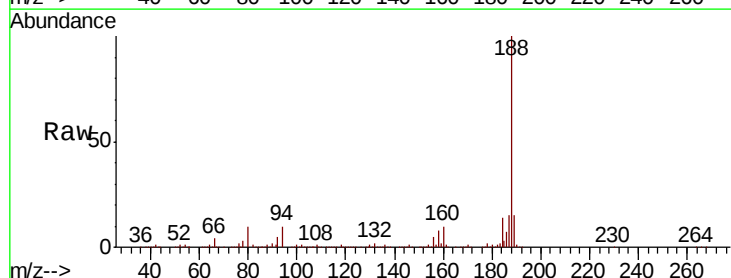
Tgt Ion: 188 Resp: 506339

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

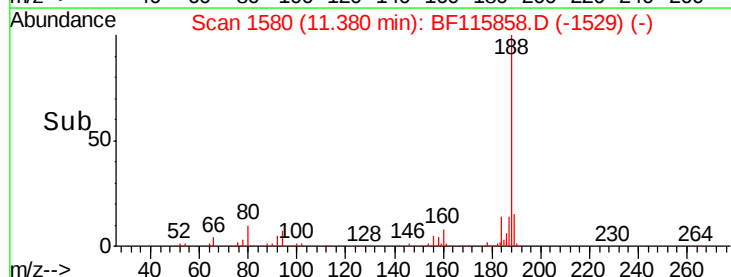
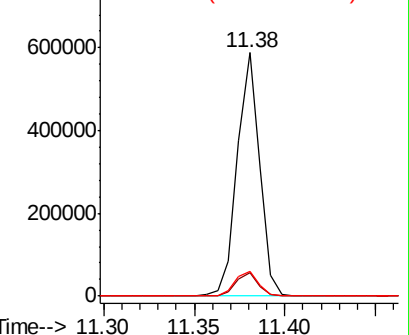
80 10.2 8.6 12.8

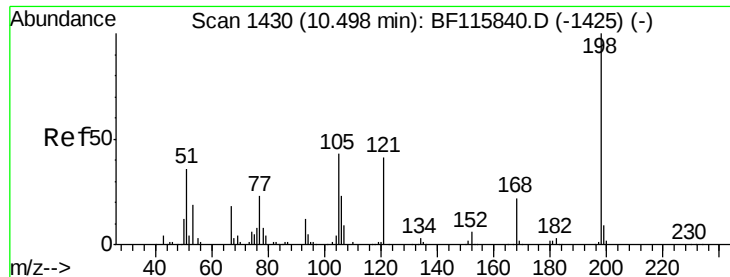


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

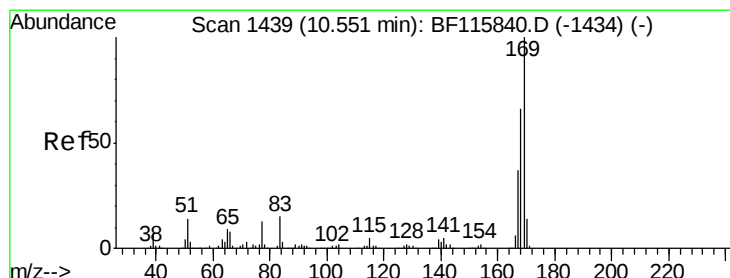
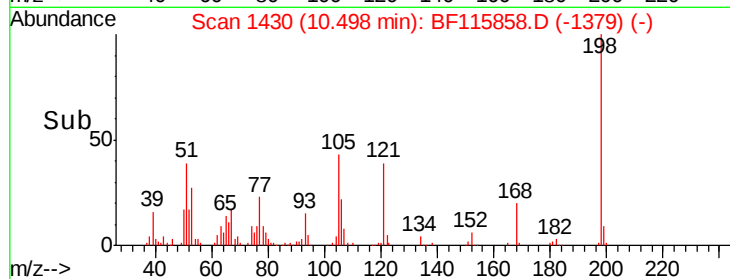
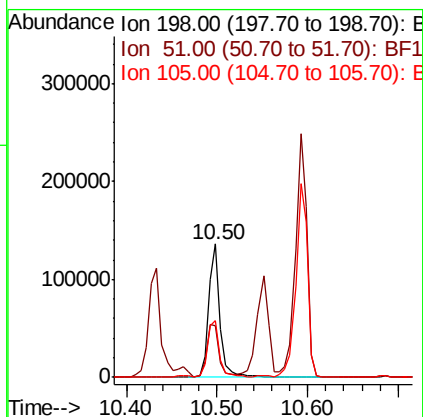
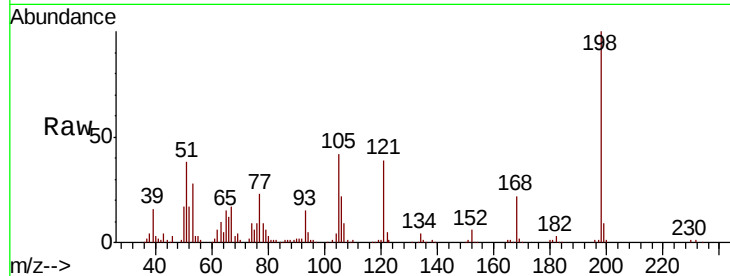




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.145 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

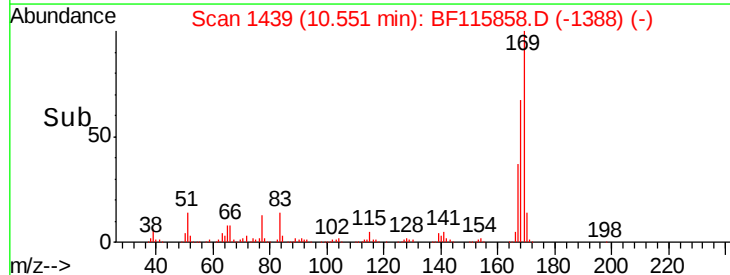
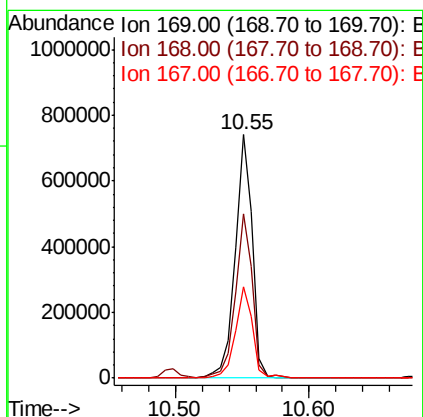
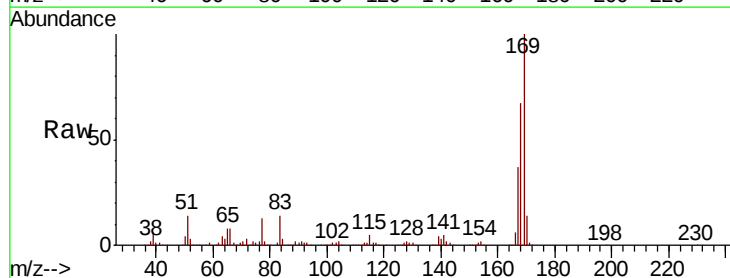
Instrument :
 BNA_F
 ClientSampleId :

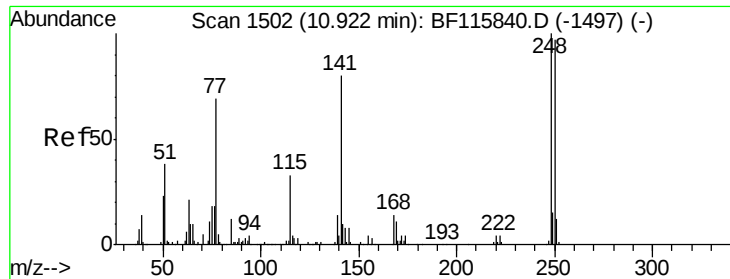
Tot Ion	198	Resp	121	135
Ion Ratio	100			
Lower		21.1		
Upper		61.1		
51	38.3			
105	42.3		24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 43.643 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion	169	Resp	665	137
Ion Ratio <td>100</td> <td></td> <td></td> <td></td>	100			
Lower		53.0		
Upper		79.6		
168	67.3			
167	37.3		29.9	44.9

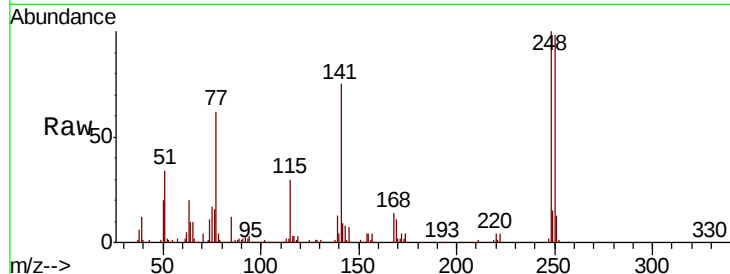




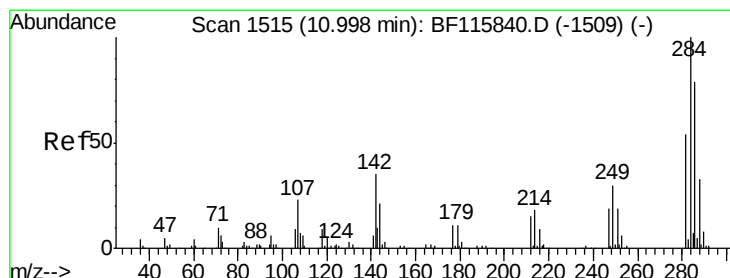
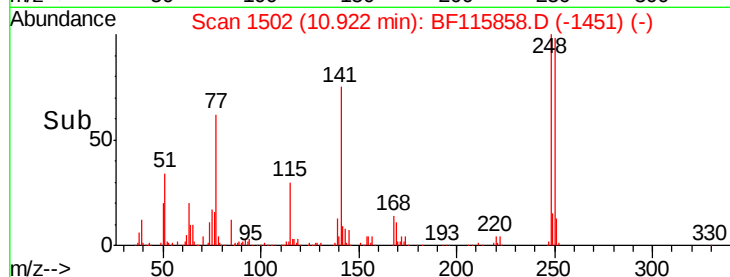
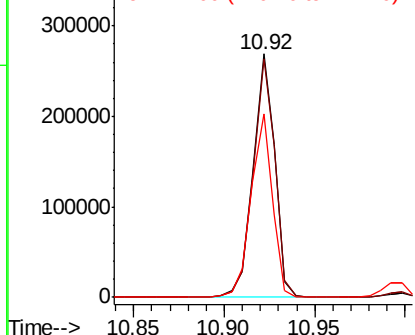
#67
4-Bromophenyl-phenylether
Concen: 41.124 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 222904
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 75.3 64.3 96.5

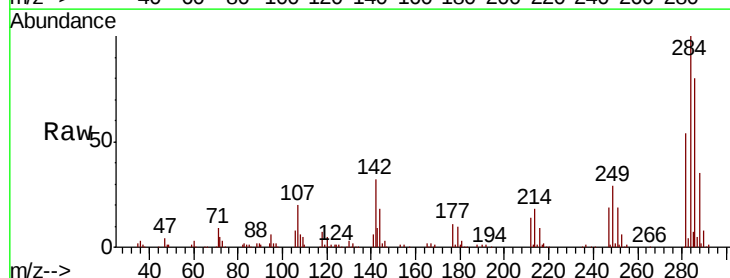


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

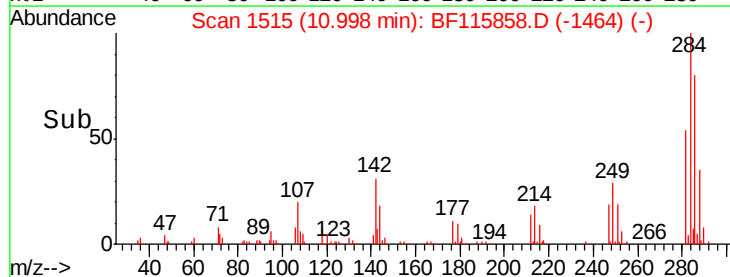
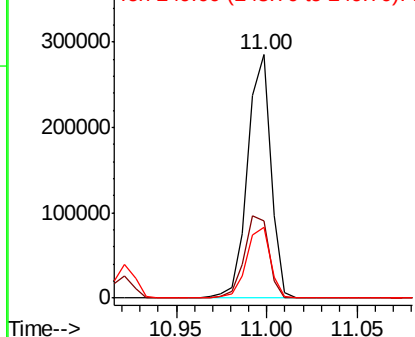


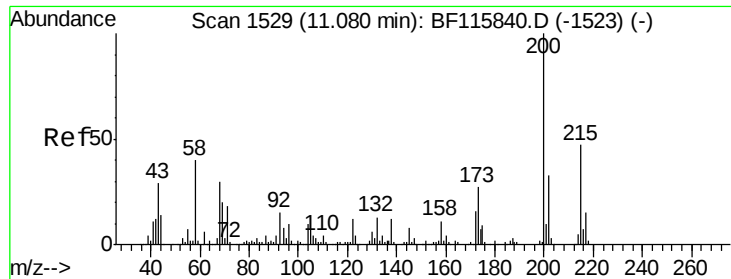
#68
Hexachlorobenzene
Concen: 40.720 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:284 Resp: 255223
Ion Ratio Lower Upper
284 100
142 31.6 28.2 42.2
249 29.3 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: 40.075 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

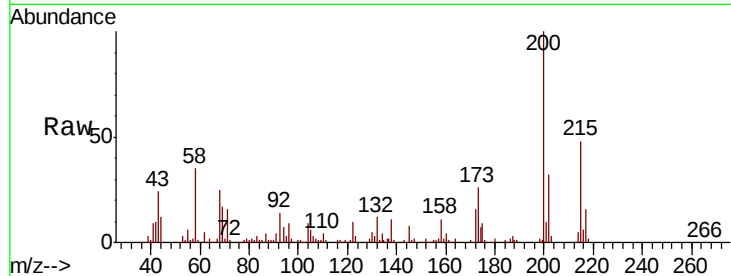
Tot Ion:200 Resp: 200927

Ion Ratio Lower Upper

200 100

173 25.6 7.3 47.3

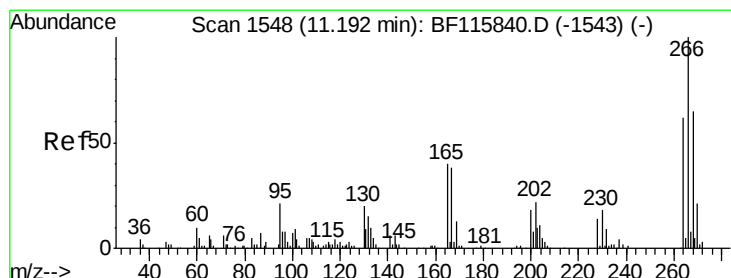
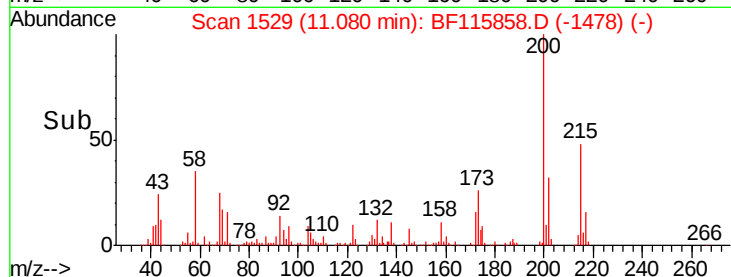
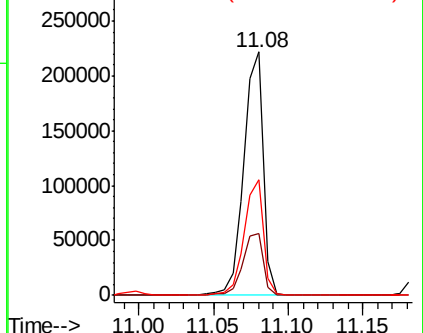
215 47.6 26.9 66.9



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: 86.497 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

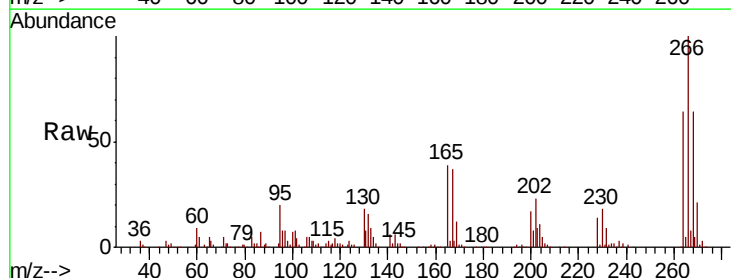
Tgt Ion:266 Resp: 263209

Ion Ratio Lower Upper

266 100

268 64.4 51.6 77.4

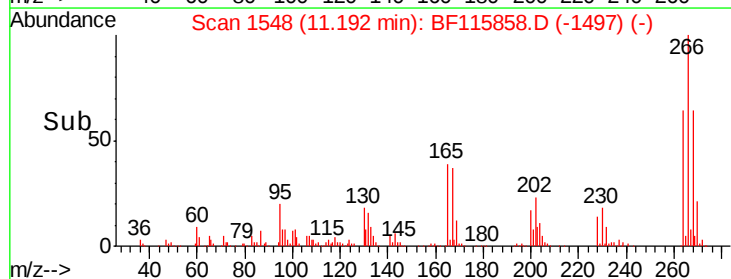
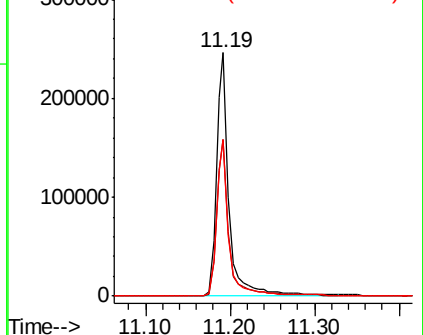
264 64.2 49.4 74.0

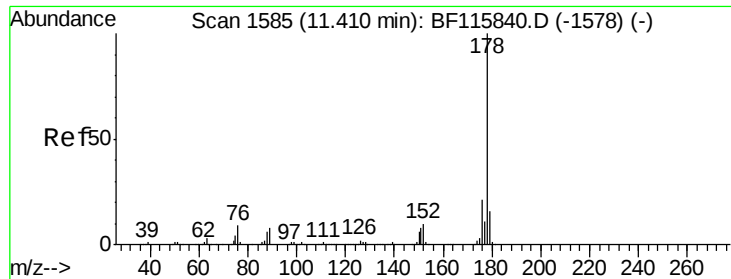


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.822 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

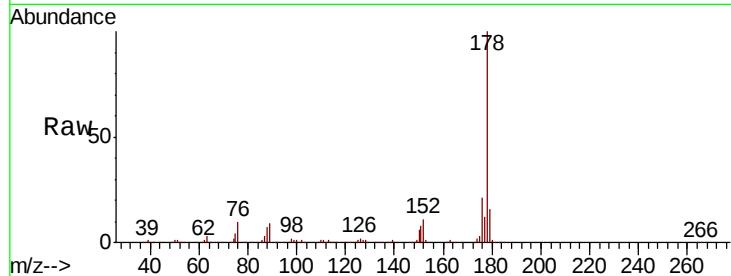
Tot Ion:178 Resp: 1108461

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

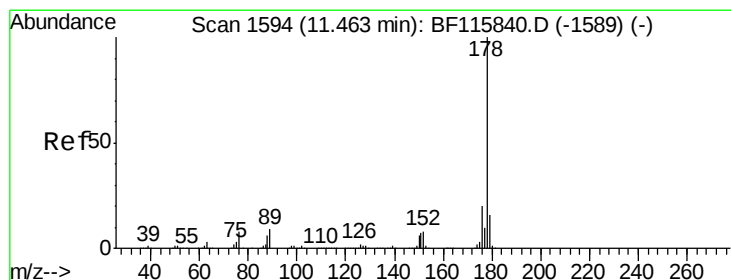
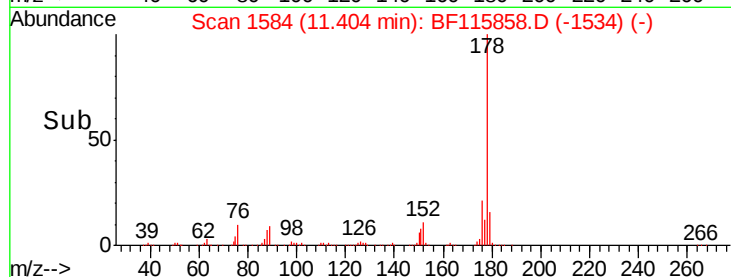
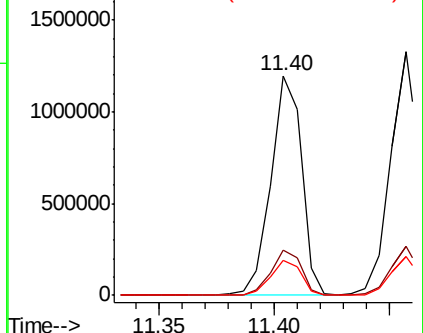
179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.286 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

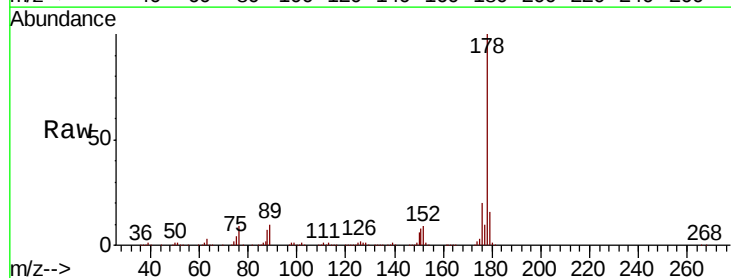
Tgt Ion:178 Resp: 1160152

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

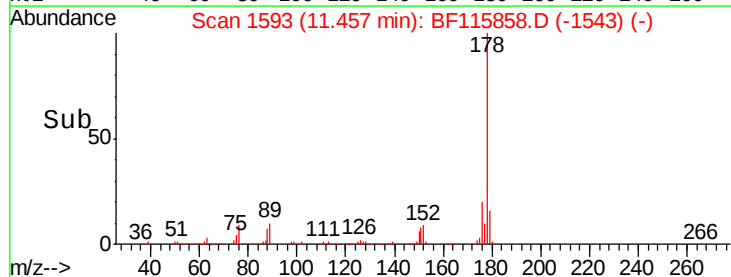
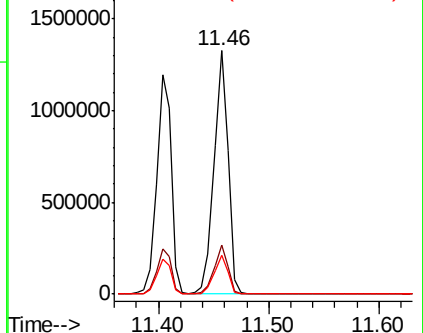
179 16.1 12.4 18.6

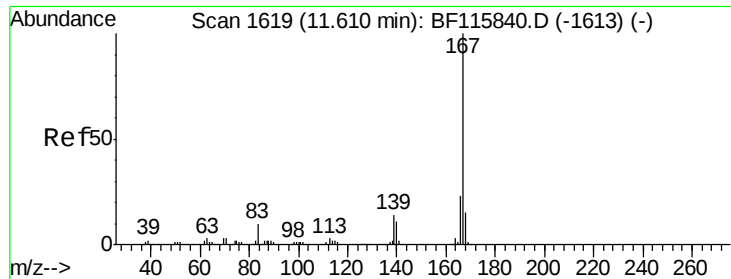


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



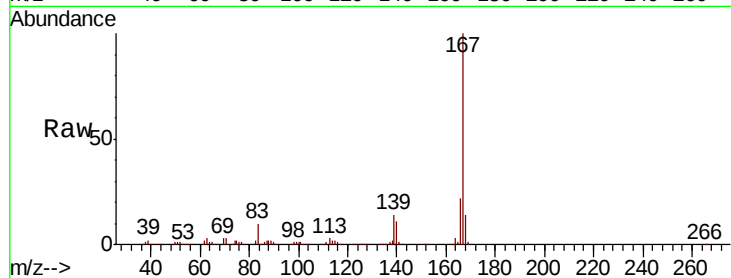


#73
 Carbazole
 Concen: 43.546 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

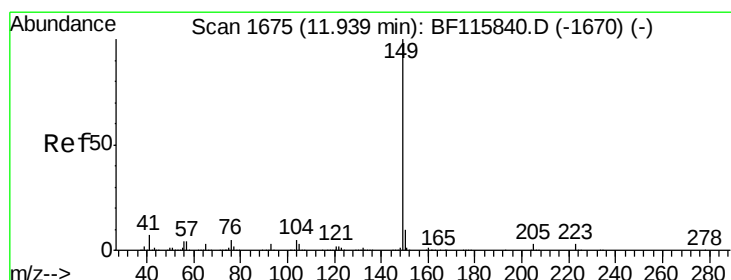
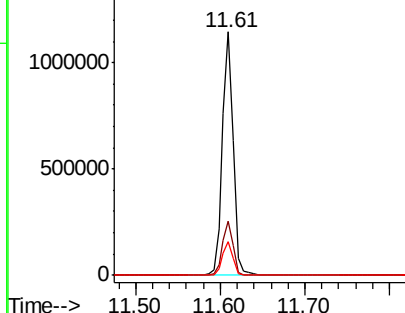
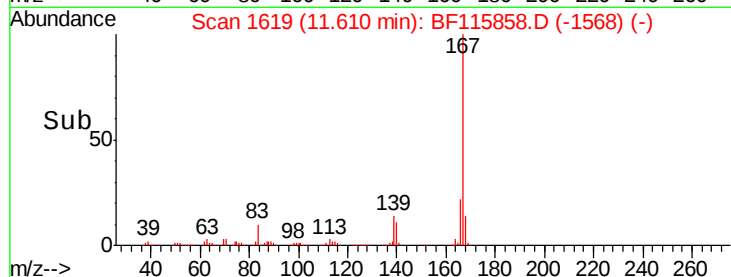
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1034967

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.9	11.4	17.2



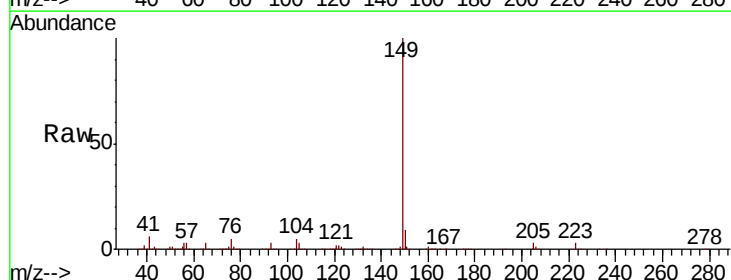
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



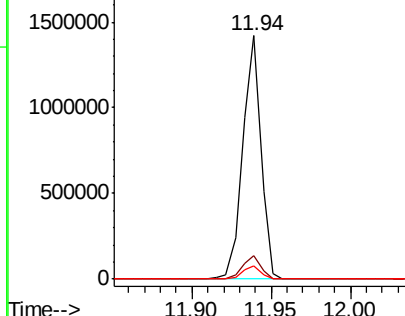
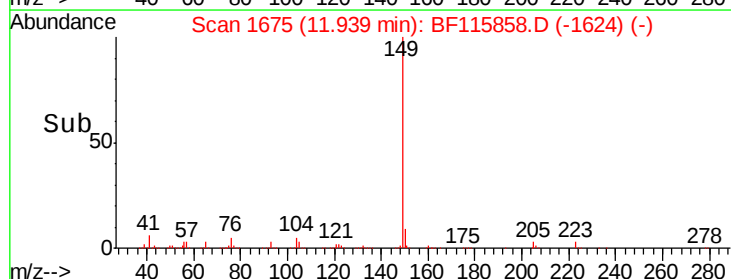
#74
 Di-n-butylphthalate
 Concen: 40.609 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

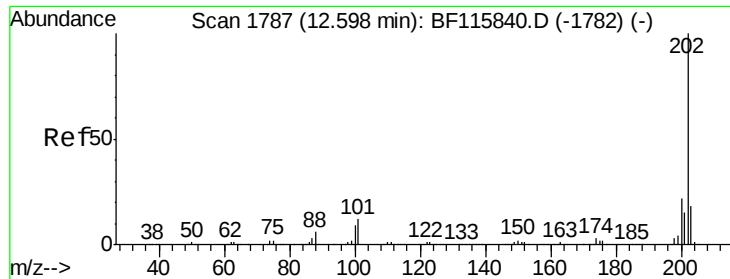
Tgt Ion:149 Resp: 1125903

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.3	6.5



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

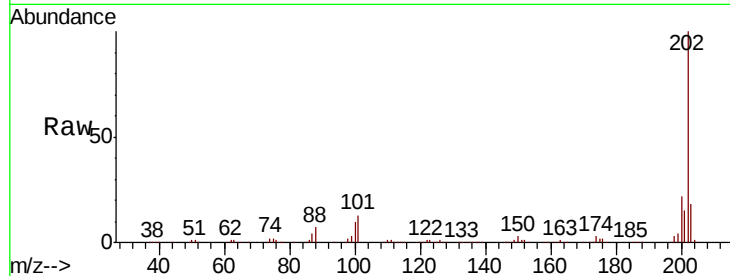




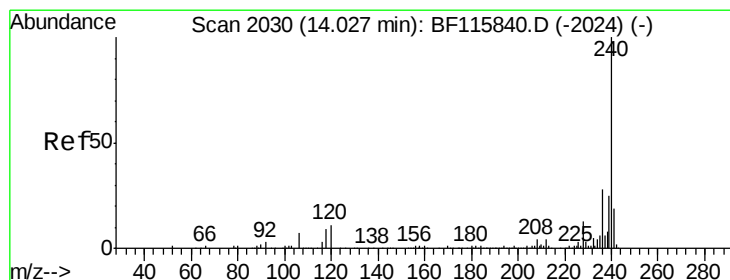
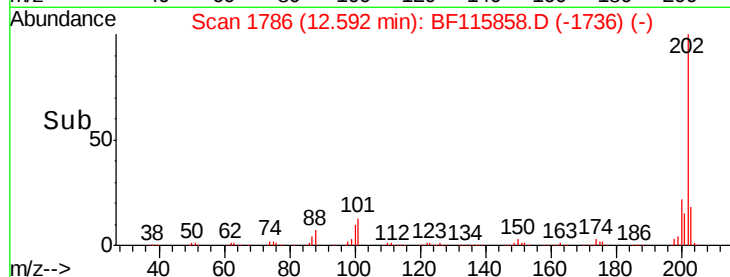
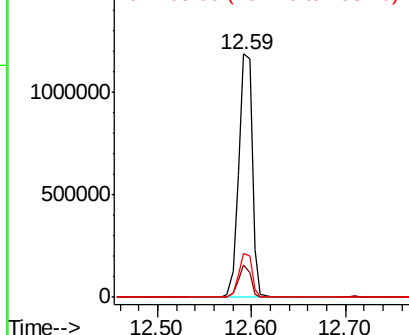
#75
 Fluoranthene
 Concen: 43.613 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1181879
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.5
 203 18.1 0.0 37.9

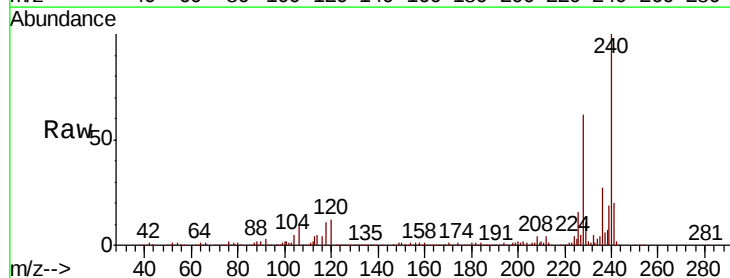


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

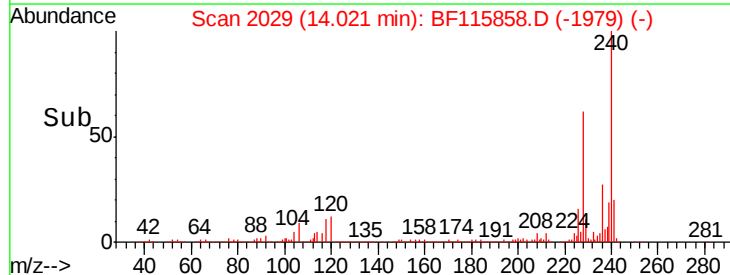
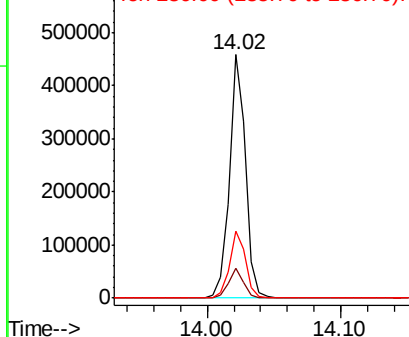


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:240 Resp: 387667
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.5 12.7
 236 27.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.495 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

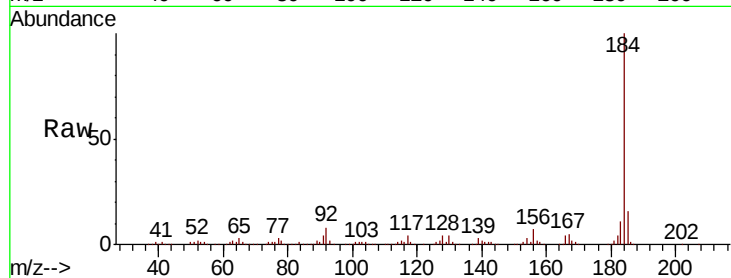
Tot Ion:184 Resp: 622038

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.2

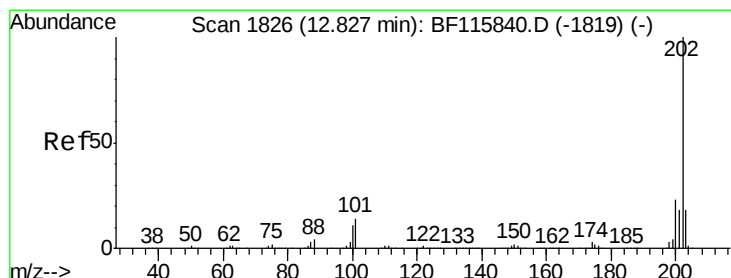
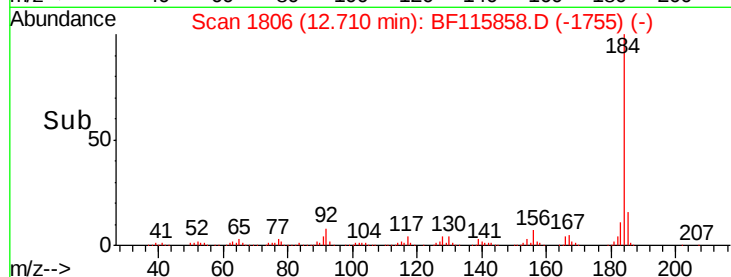
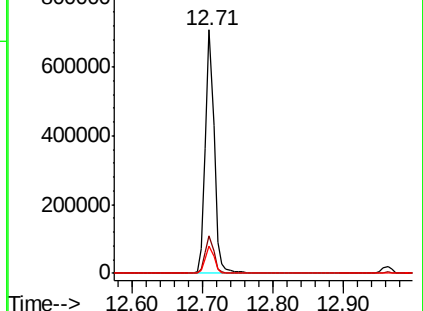
183 11.4 9.1 13.7



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: 41.150 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

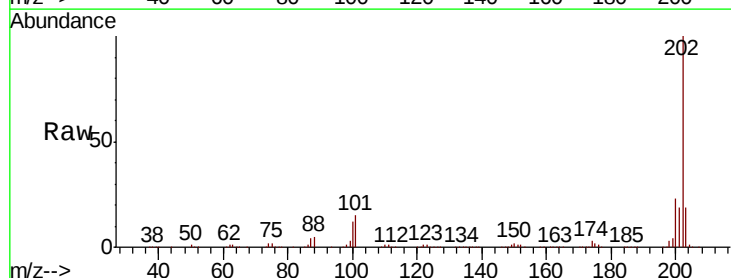
Tgt Ion:202 Resp: 1202525

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

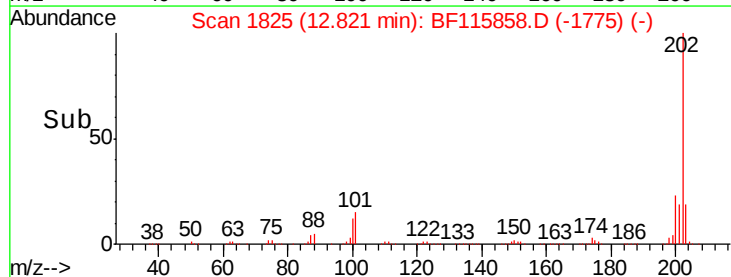
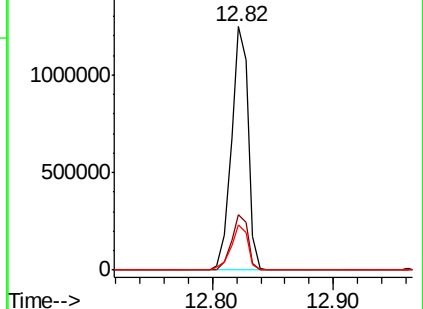
203 18.6 14.3 21.5



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



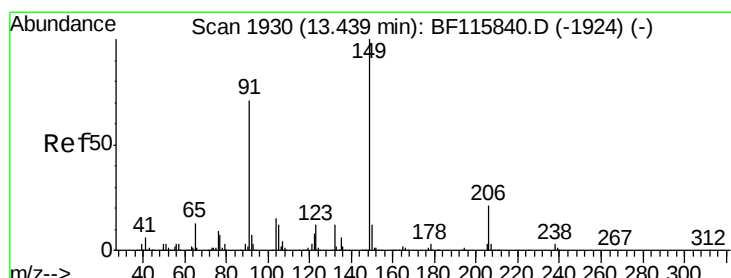
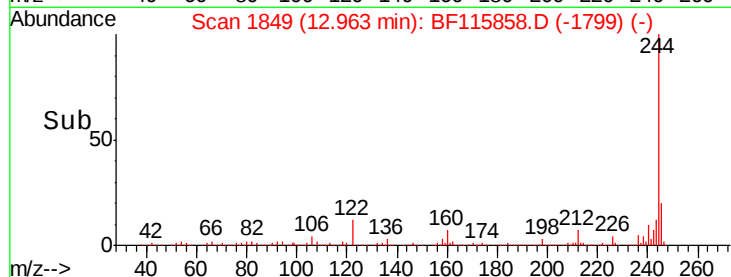
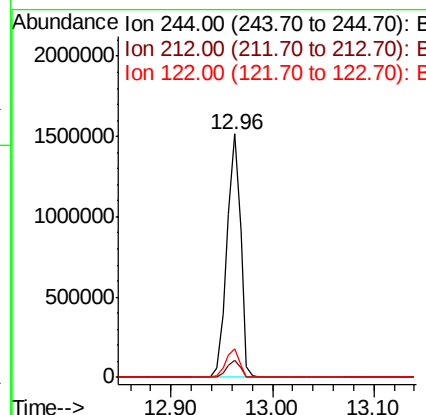
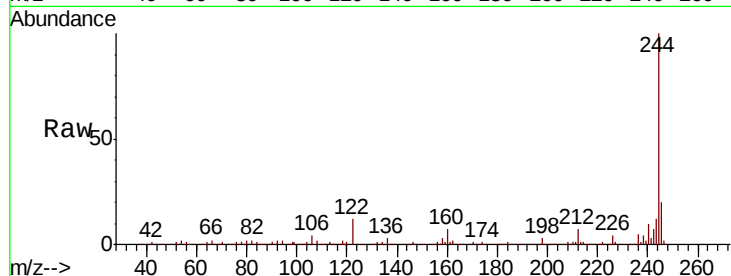


#79
 Terphenyl-d14
 Concen: 76.812 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1413158

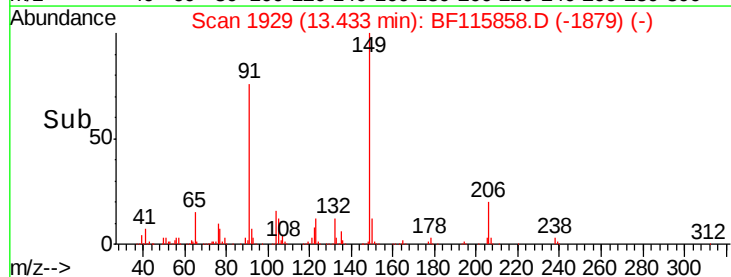
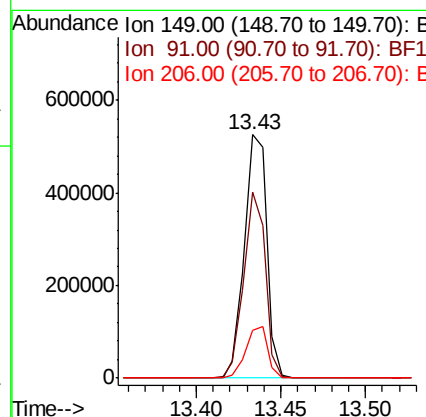
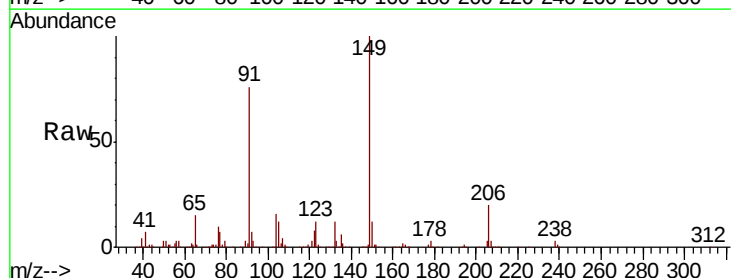
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.7	8.6	13.0



#80
 Butylbenzylphthalate
 Concen: 39.586 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115858.D
 Acq: 31 Jul 2019 11:44

Tgt Ion:149 Resp: 489342

Ion	Ratio	Lower	Upper
149	100		
91	76.3	57.0	85.6
206	19.5	16.9	25.3





#81

Benzo(a)anthracene

Concen: 41.581 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

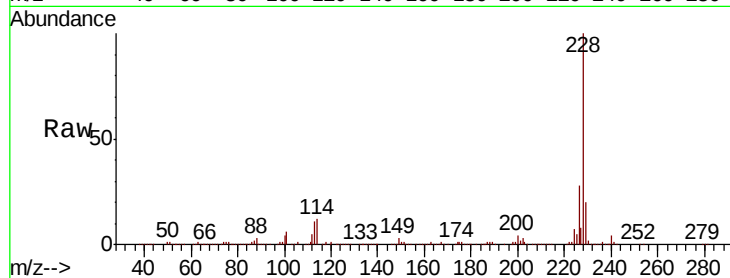
Tot Ion:228 Resp: 1030318

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

229 20.5 16.1 24.1

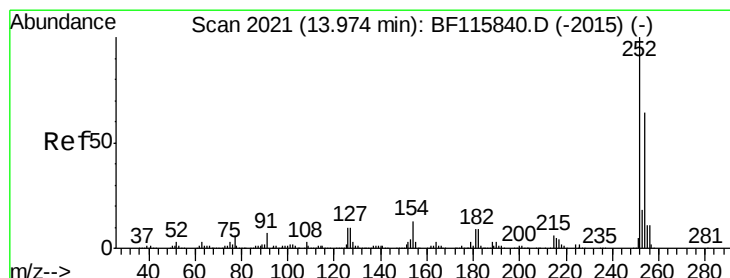
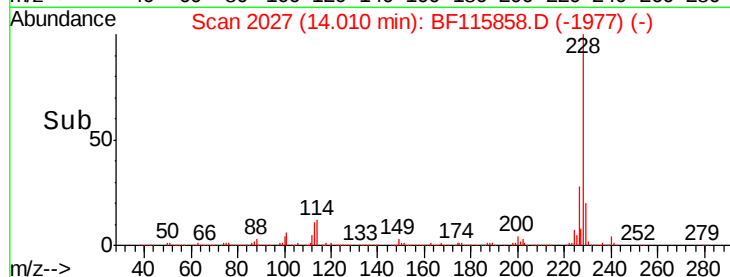
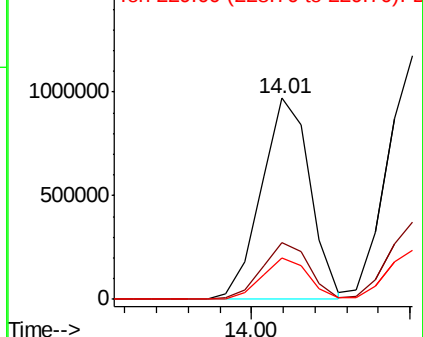


Abundance

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: 28.865 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

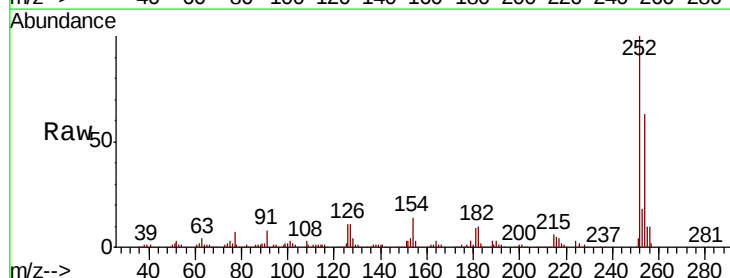
Tgt Ion:252 Resp: 248479

Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

126 11.3 8.1 12.1

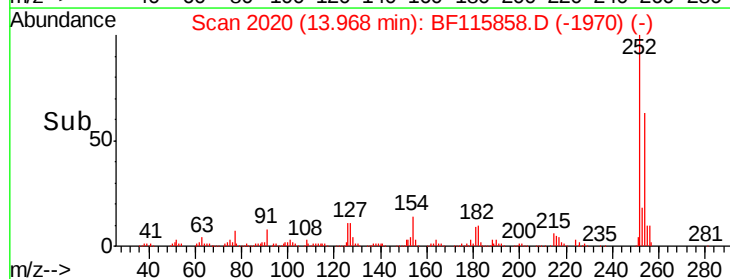
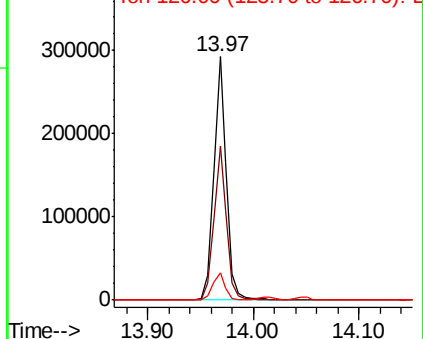


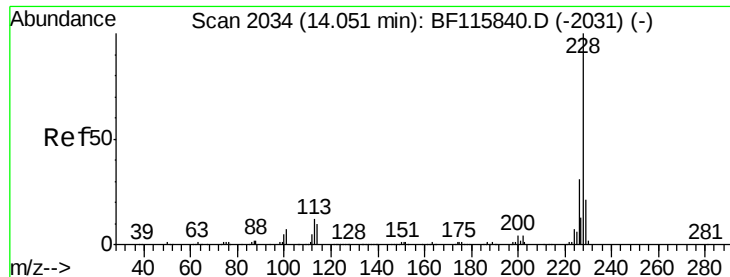
Abundance

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

Chrvsene

Concen: 41.950 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

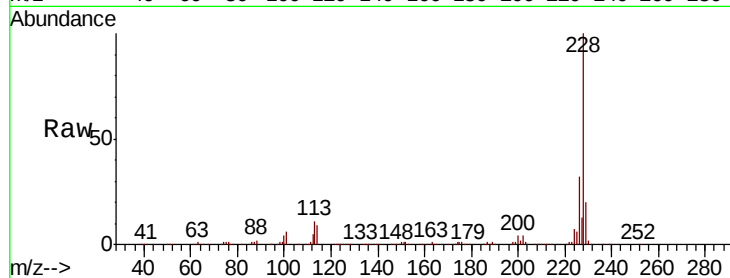
Tot Ion:228 Resp: 1009150

Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

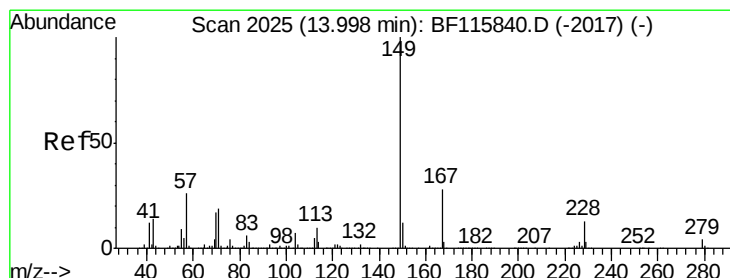
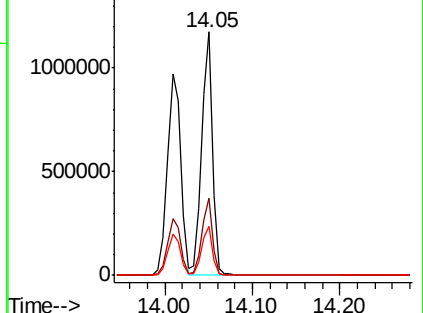
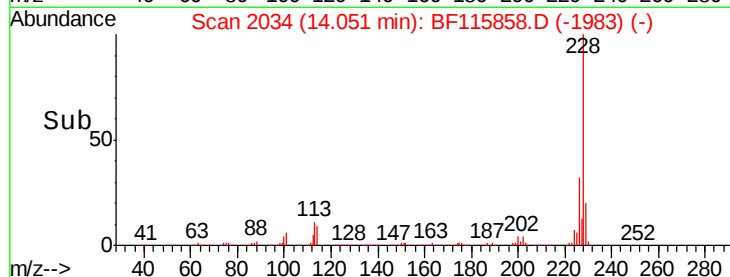
229 20.0 16.4 24.6



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: 39.490 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

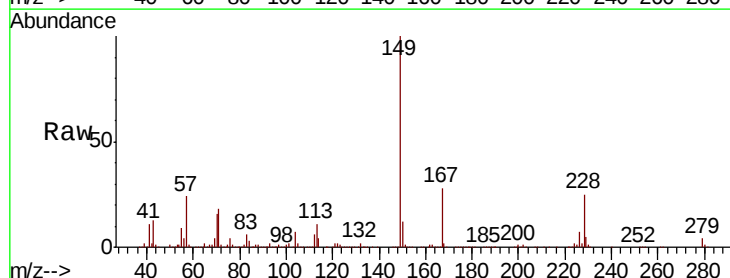
Tgt Ion:149 Resp: 634353

Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

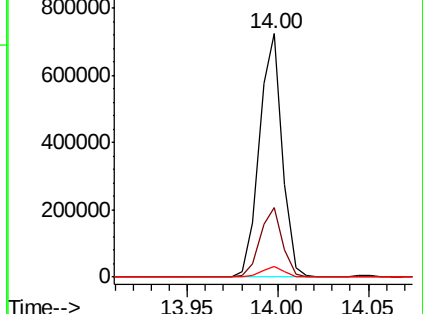
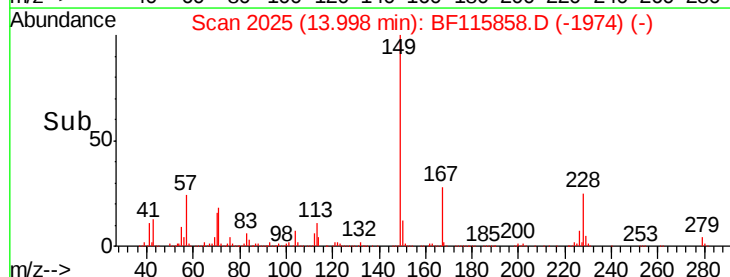
279 4.3 3.3 4.9



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: 41.412 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

Instrument :

BNA_F

ClientSampled :

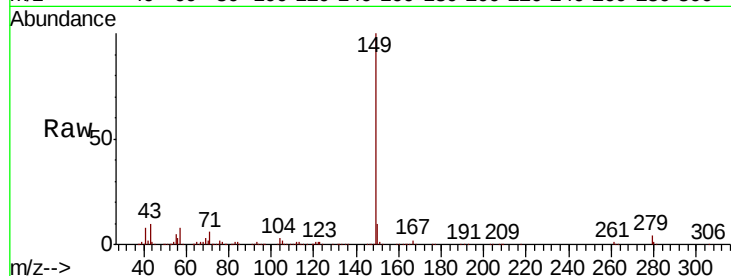
Tot Ion:149 Resp: 1056615

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

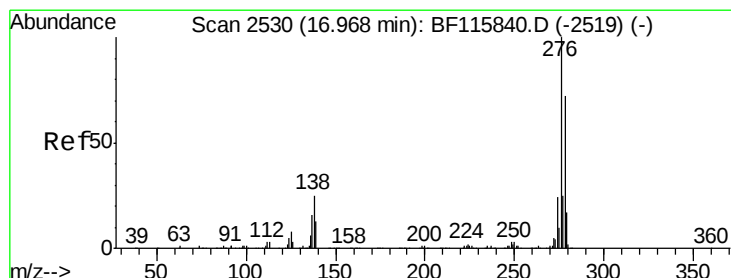
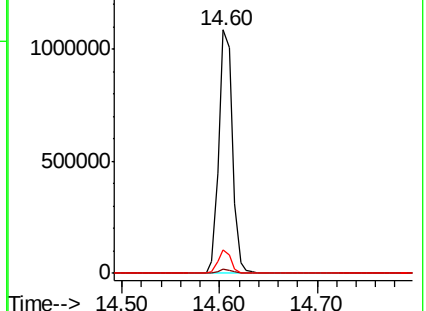
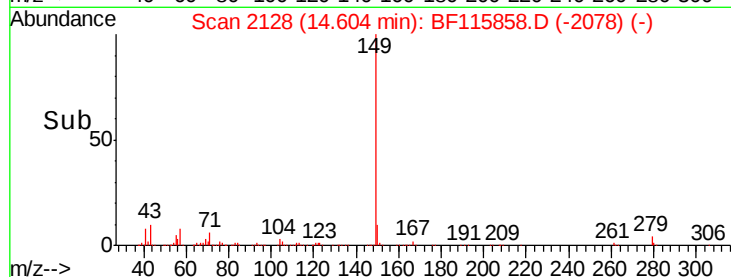
43 9.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.909 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF115858.D

Acq: 31 Jul 2019 11:44

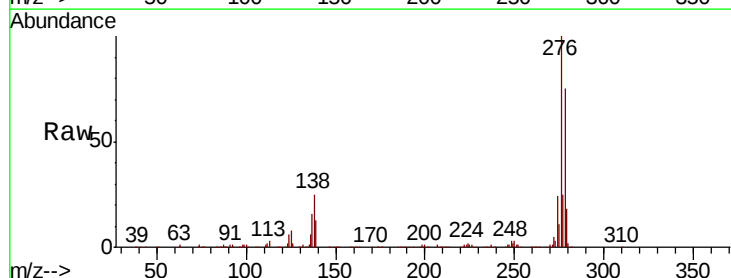
Tgt Ion:276 Resp: 846742

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

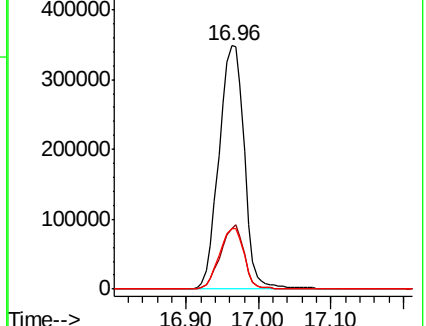
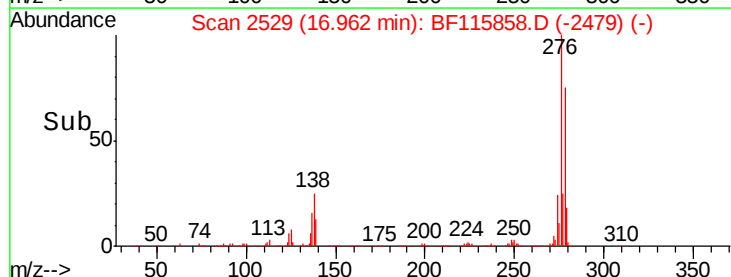
277 24.9 20.1 30.1

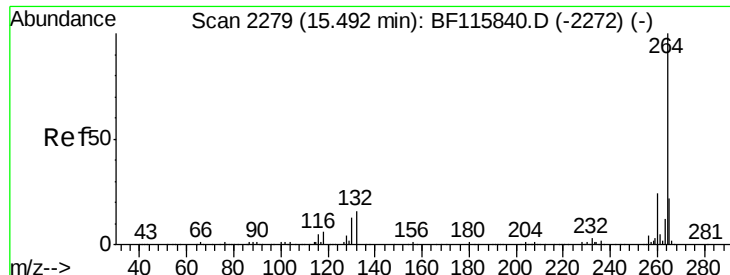


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

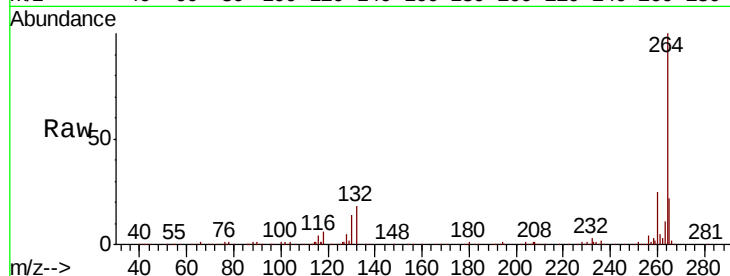




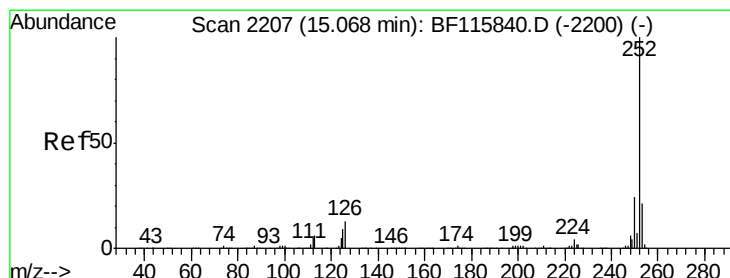
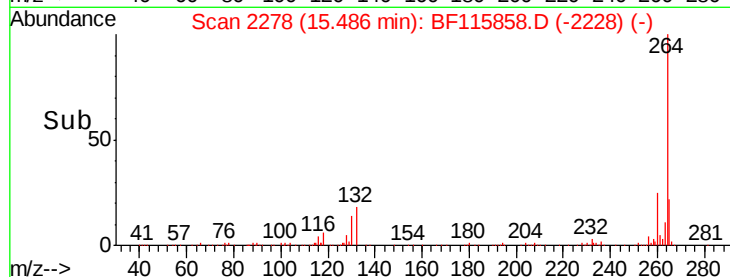
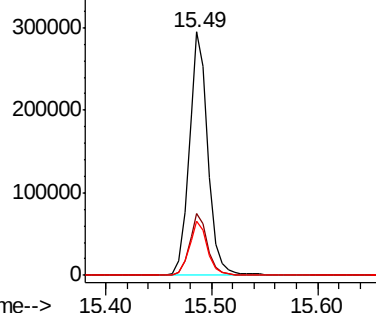
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 364128
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 22.1 17.5 26.3

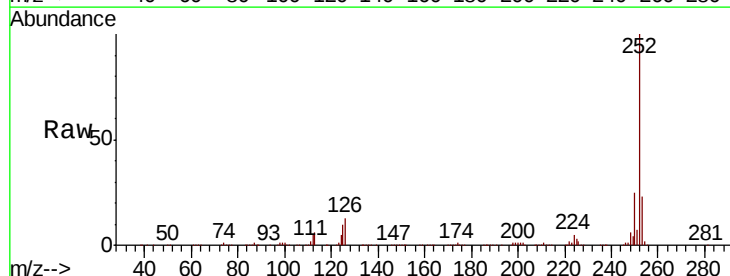


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

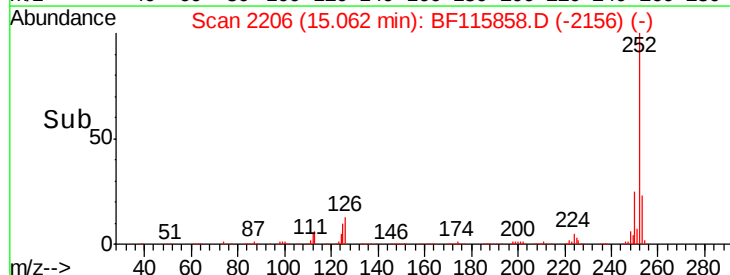
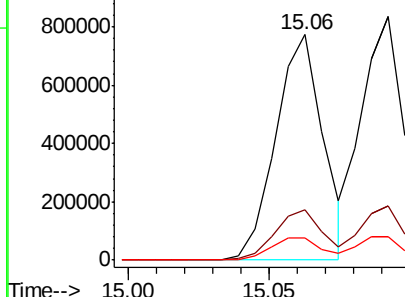


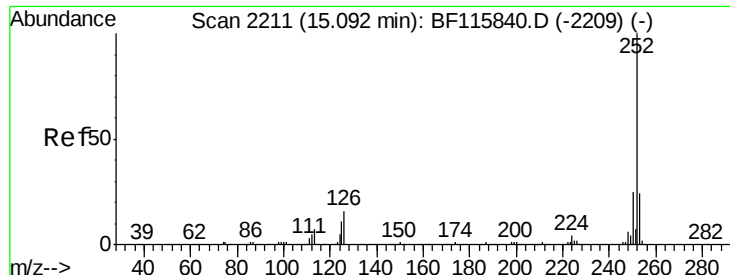
#88
Benzo(b)fluoranthene
Concen: 42.768 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:252 Resp: 900452
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.1 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

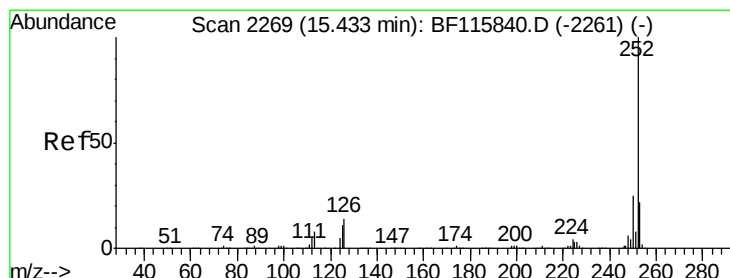
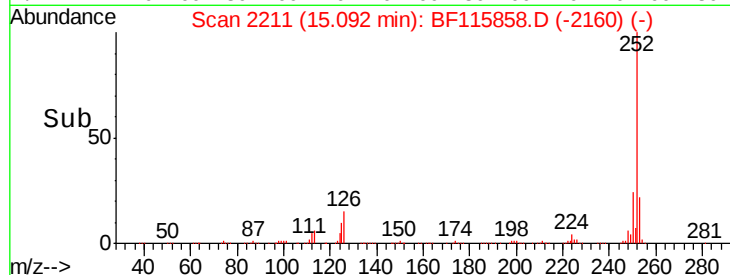
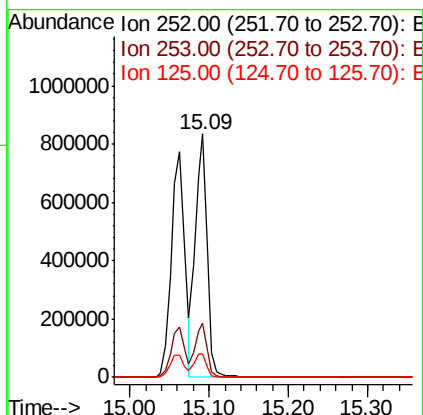
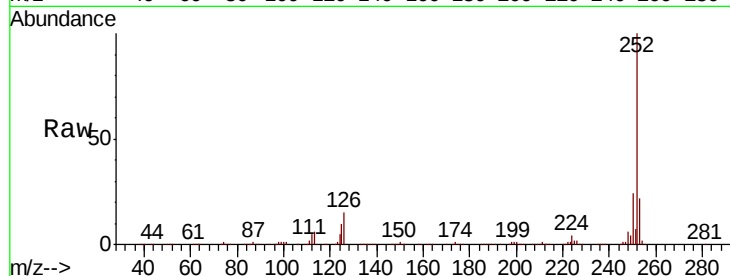




#89
Benzo(k)fluoranthene
Concen: 42.739 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

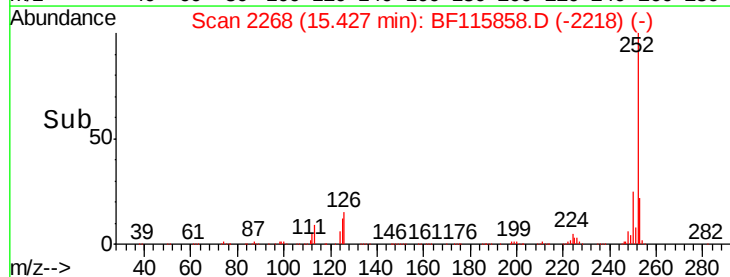
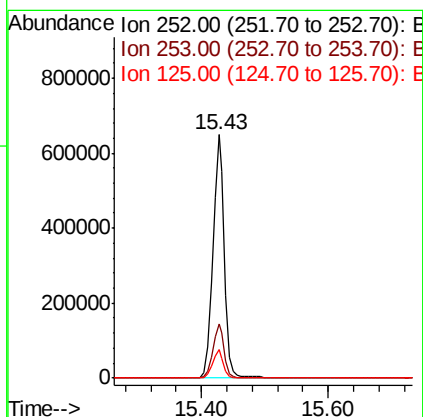
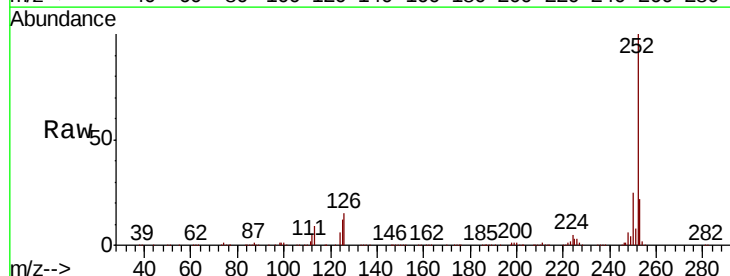
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 876455
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.9 8.9 13.3



#90
Benzo(a)pyrene
Concen: 44.696 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion:252 Resp: 841217
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.7 8.8 13.2

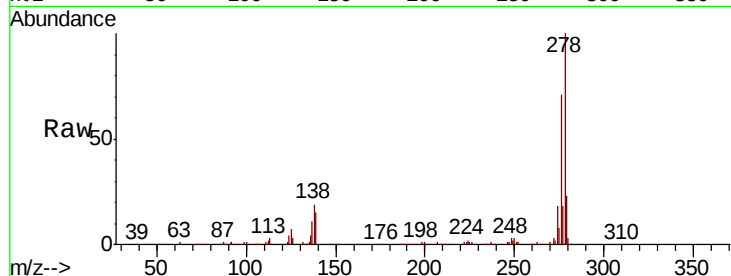




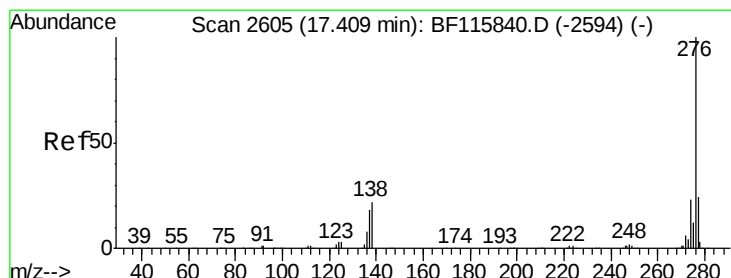
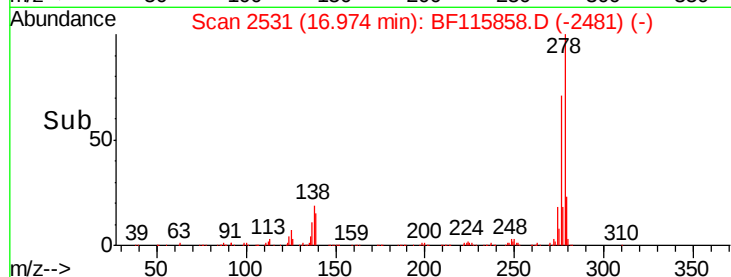
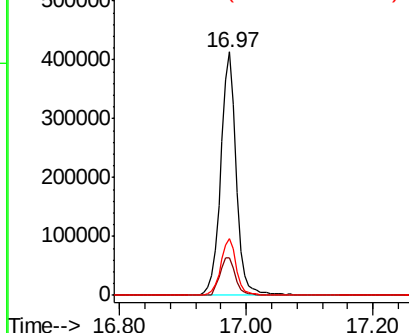
#91
Dibenzo(a,h)anthracene
Concen: 43.546 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	23.3	18.8	28.2

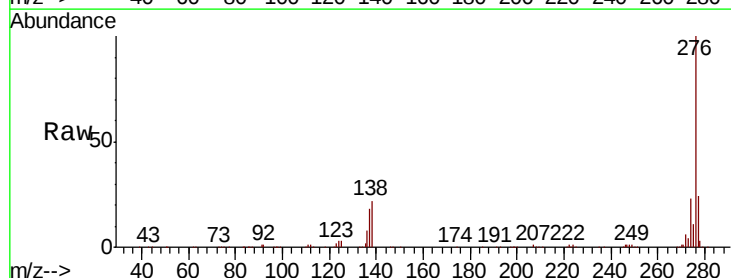


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.767 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF115858.D
Acq: 31 Jul 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	21.5	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

