

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115834.D
 Acq On : 29 Jul 2019 11:31
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 13:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128835	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	524201	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	275353	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	488135	20.00	ng	0.00
76) Chrysene-d12	14.02	240	397396	20.00	ng	0.00
87) Perylene-d12	15.48	264	427265	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	683869	86.83	ng	0.00
7) Phenol-d6	6.49	99	851841	85.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	763948	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	230670	71.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1270173	80.74	ng	0.00
79) Terphenyl-d14	12.96	244	1414436	65.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	166355	42.341	ng	100
3) Pyridine	3.39	79	442460	41.509	ng	100
4) n-Nitrosodimethylamine	3.33	42	187094	48.382	ng	100
6) Aniline	6.52	93	585948	42.129	ng	100
8) 2-Chlorophenol	6.65	128	376348	41.559	ng	100
9) Benzaldehyde	6.41	77	252968	40.504	ng	100
10) Phenol	6.51	94	506407	43.648	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	355214	40.214	ng	100
12) 1,3-Dichlorobenzene	6.80	146	416849	40.942	ng	100
13) 1,4-Dichlorobenzene	6.88	146	419579	41.303	ng	100
14) 1,2-Dichlorobenzene	7.03	146	388591	41.846	ng	100
15) Benzyl Alcohol	7.00	79	323728	40.832	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	475050	40.850	ng	100
17) 2-Methylphenol	7.12	107	315393	40.414	ng	100
18) Hexachloroethane	7.37	117	152977	40.572	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	252132	38.682	ng	100
20) 3+4-Methylphenols	7.27	107	379837	40.976	ng	100
22) Acetophenone	7.27	105	486752	41.102	ng	100
24) Nitrobenzene	7.45	77	416154	42.798	ng	100
25) Isophorone	7.68	82	712577	39.501	ng	100
26) 2-Nitrophenol	7.76	139	200466	40.054	ng	100
27) 2,4-Dimethylphenol	7.80	122	289554	38.666	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	441887	39.929	ng	100
29) 2,4-Dichlorophenol	8.00	162	312114	40.076	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	348717	39.612	ng	100
31) Naphthalene	8.17	128	1060379	41.768	ng	100
32) Benzoic acid	7.92	122	235866	38.379	ng	100
33) 4-Chloroaniline	8.21	127	460360	40.938	ng	100
34) Hexachlorobutadiene	8.29	225	198190	39.258	ng	100
35) Caprolactam	8.58	113	102351	42.529	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	328871	40.709	ng	100
37) 2-Methylnaphthalene	8.86	142	688754	40.928	ng	100
38) 1-Methylnaphthalene	8.96	142	657495	41.134	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	307828	37.124	ng	100

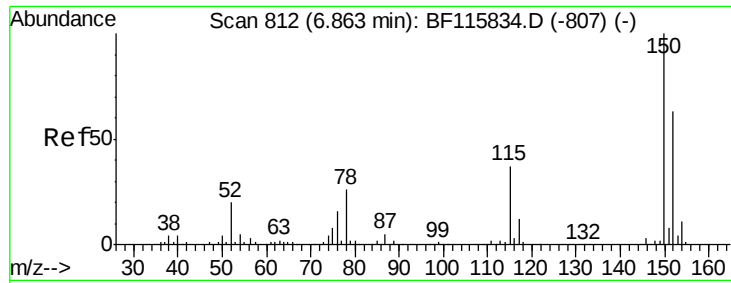
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	116781	24.689	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	209973	34.627	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	224333	36.125	ng	100
46) 1,1'-Biphenyl	9.32	154	826666	38.402	ng	100
47) 2-Chloronaphthalene	9.35	162	682974	38.103	ng	100
48) 2-Nitroaniline	9.44	65	229158	41.306	ng	100
49) Acenaphthylene	9.76	152	1042564	39.254	ng	100
50) Dimethylphthalate	9.62	163	773430	37.334	ng	100
51) 2,6-Dinitrotoluene	9.68	165	173983	36.955	ng	100
52) Acenaphthene	9.93	154	622314	36.292	ng	100
53) 3-Nitroaniline	9.85	138	216032	40.154	ng	100
54) 2,4-Dinitrophenol	9.96	184	77476	32.052	ng	100
55) Dibenzofuran	10.10	168	918188	37.706	ng	100
56) 4-Nitrophenol	10.01	139	152530	37.179	ng	100
57) 2,4-Dinitrotoluene	10.09	165	235242	38.568	ng	100
58) Fluorene	10.45	166	699177	40.163	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	187982	36.212	ng	100
60) Diethylphthalate	10.32	149	712991	36.732	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	345076	35.745	ng	100
62) 4-Nitroaniline	10.46	138	221508	42.922	ng	100
63) Azobenzene	10.59	77	759166	40.322	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	112917	37.862	ng	100
66) n-Nitrosodiphenylamine	10.55	169	616278	40.587	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	214889	38.523	ng	100
68) Hexachlorobenzene	11.00	284	247436	38.842	ng	100
69) Atrazine	11.07	200	166592	33.444	ng	100
70) Pentachlorophenol	11.19	266	128595	33.005	ng	100
71) Phenanthrene	11.40	178	1059151	42.330	ng	100
72) Anthracene	11.46	178	1090916	42.188	ng	100
73) Carbazole	11.61	167	1023132	45.120	ng	100
74) Di-n-butylphthalate	11.94	149	1097776	39.302	ng	100
75) Fluoranthene	12.59	202	1140586	43.137	ng	100
77) Benzidine	12.71	184	516576	36.694	ng	100
78) Pyrene	12.82	202	1185971	35.225	ng	100
80) Butylbenzylphthalate	13.43	149	474067	33.029	ng	100
81) Benzo(a)anthracene	14.01	228	1075850	41.094	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	383751	41.232	ng	100
83) Chrysene	14.05	228	1049431	39.930	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	618033	34.763	ng	100
85) Di-n-octyl phthalate	14.60	149	1057552	37.386	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	935076	41.878	ng	100
88) Benzo(b)fluoranthene	15.06	252	1068075	38.822	ng	100
89) Benzo(k)fluoranthene	15.09	252	909734	37.088	ng	100
90) Benzo(a)pyrene	15.42	252	928988	39.286	ng	100
91) Dibenzo(a,h)anthracene	16.97	278	763255	36.767	ng	100
92) Benzo(g,h,i)perylene	17.40	276	745532	36.009	ng	100

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

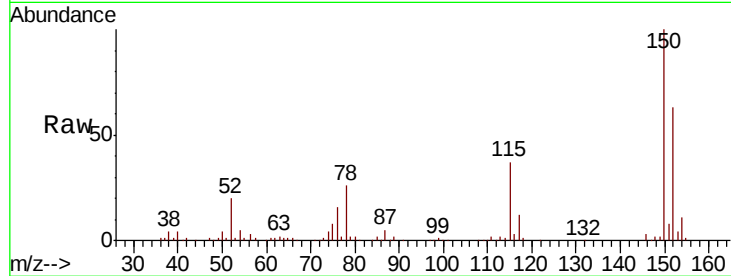


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.6	191.4
115	59.6	47.7	71.5

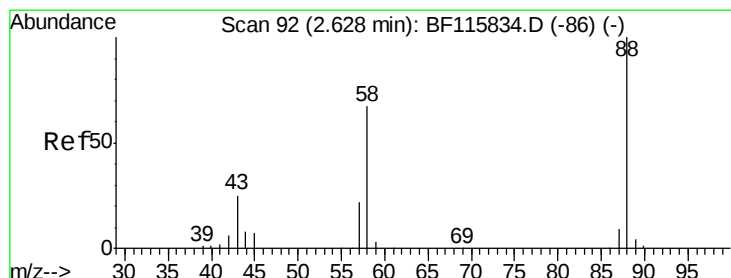
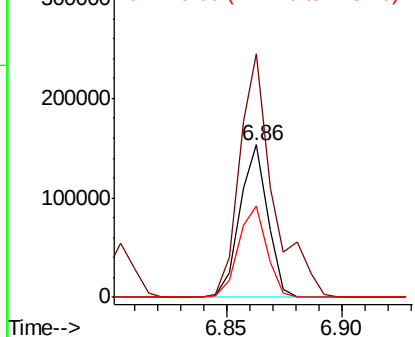
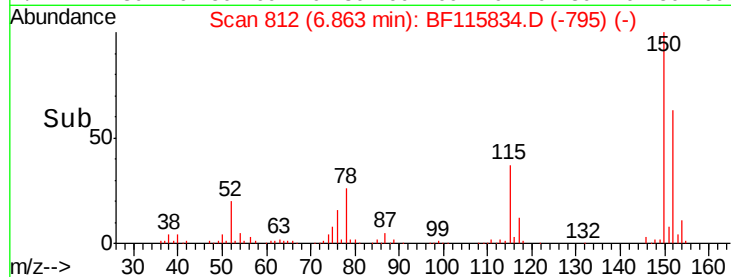


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

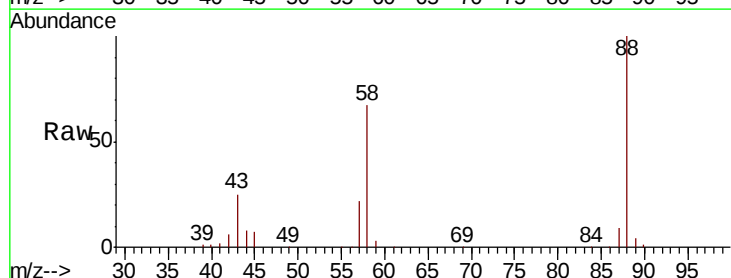
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.341 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.4	81.6
43	26.4	21.1	31.7

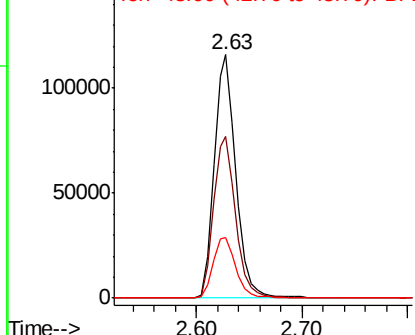
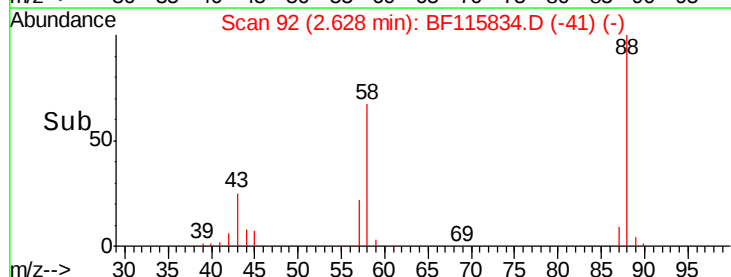


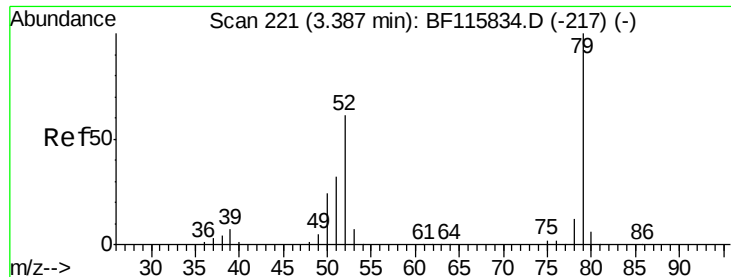
Abundance

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: 41.509 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

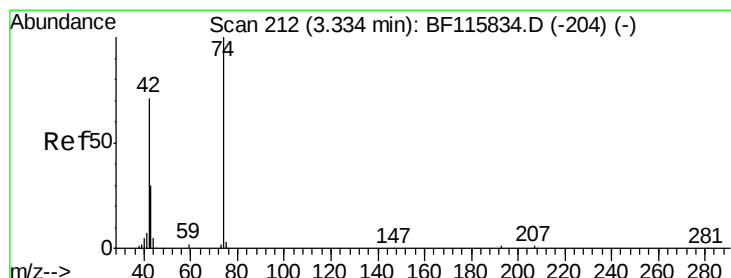
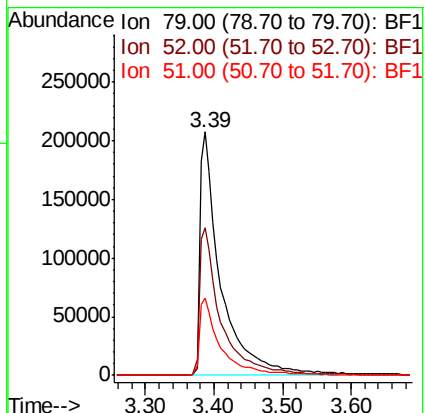
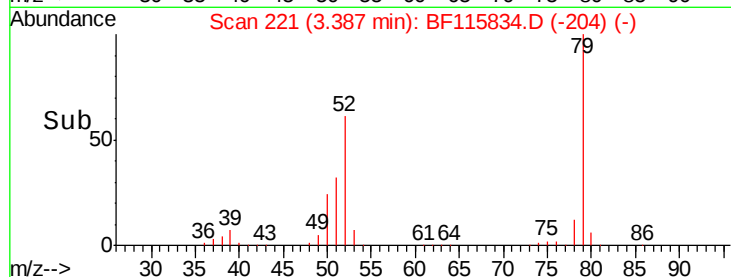
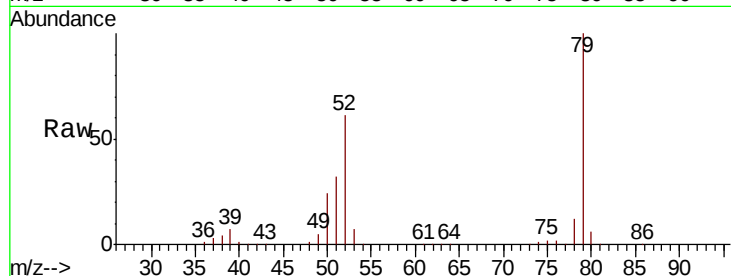
Tot Ion: 79 Resp: 442460

Ion Ratio Lower Upper

79 100

52 60.8 48.6 73.0

51 31.6 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 48.382 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

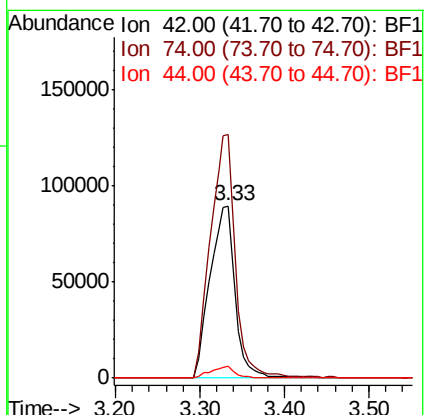
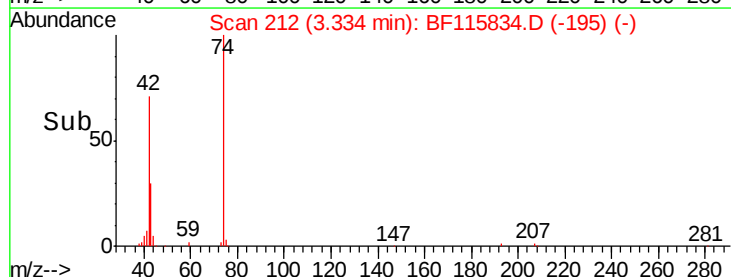
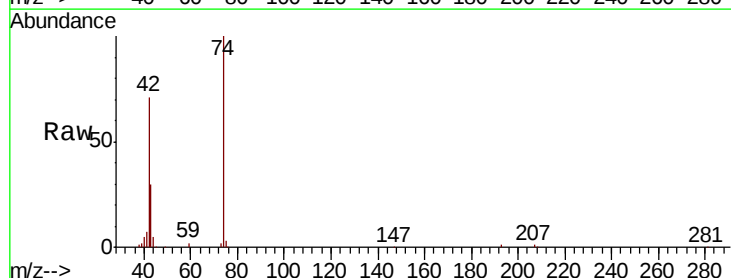
Tgt Ion: 42 Resp: 187094

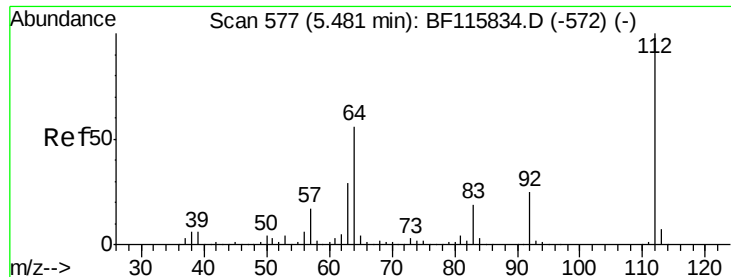
Ion Ratio Lower Upper

42 100

74 141.3 113.0 169.6

44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 86.825 ng

RT: 5.48 min Scan# 577

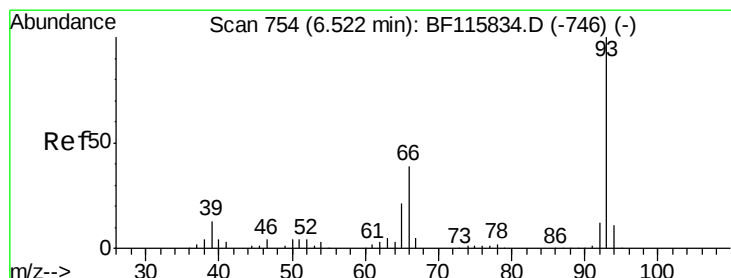
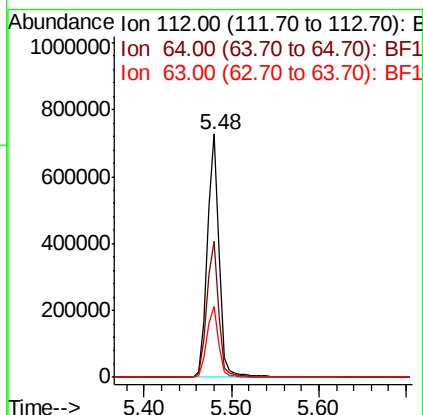
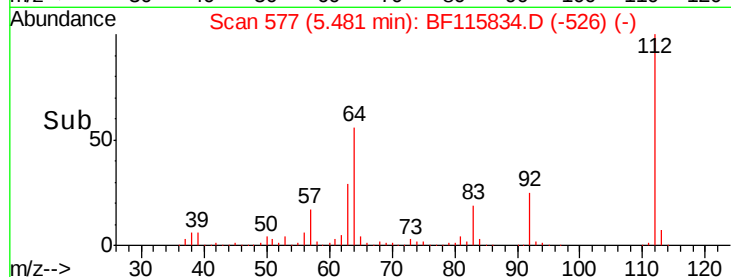
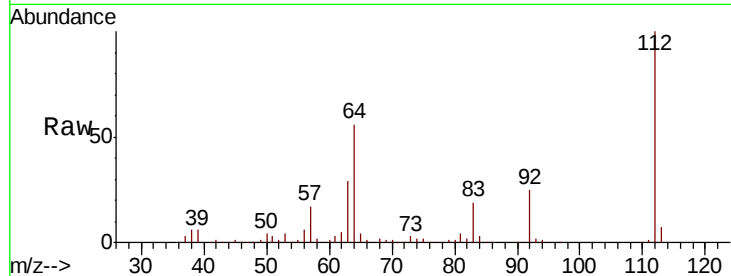
Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	683869
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	29.2	23.4	35.0



#6

Aniline

Concen: 42.129 ng

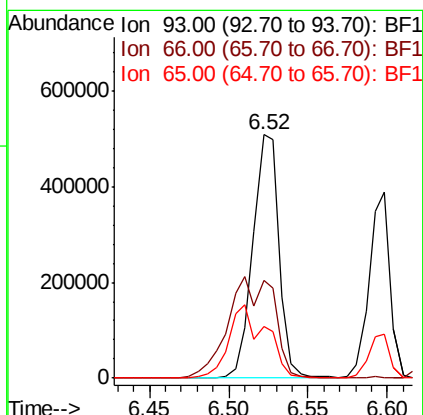
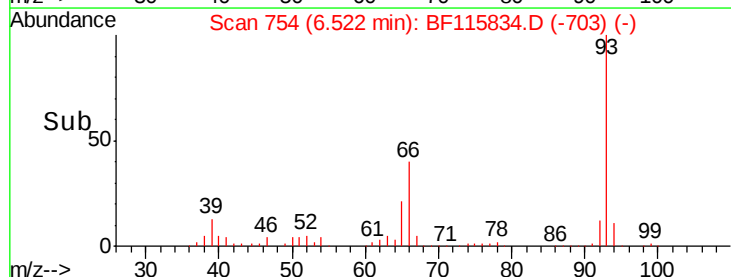
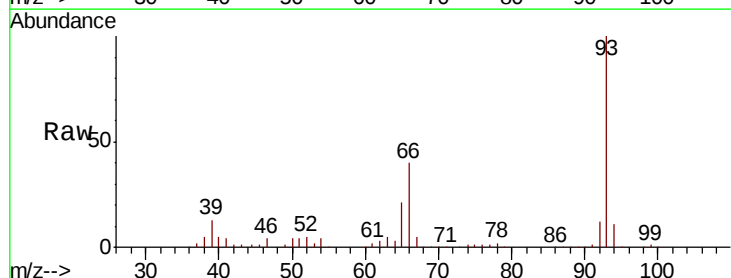
RT: 6.52 min Scan# 754

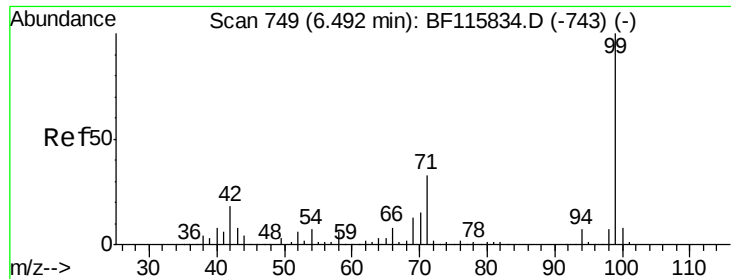
Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Tgt Ion:	93	Resp:	585948
Ion	Ratio	Lower	Upper
93	100		
66	39.9	31.9	47.9
65	21.3	17.0	25.6





#7

Phenol-d6

Concen: 85.233 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampled :

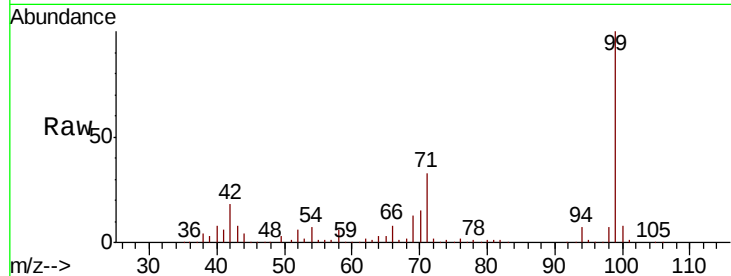
Tot Ion: 99 Resp: 851841

Ion Ratio Lower Upper

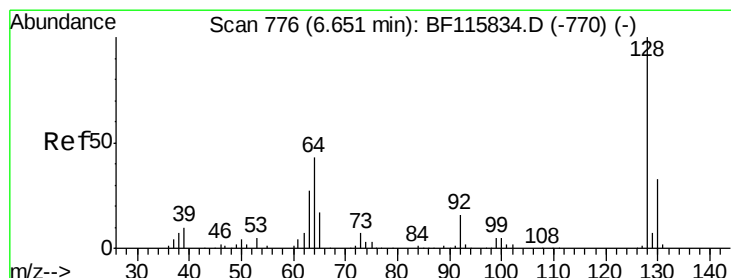
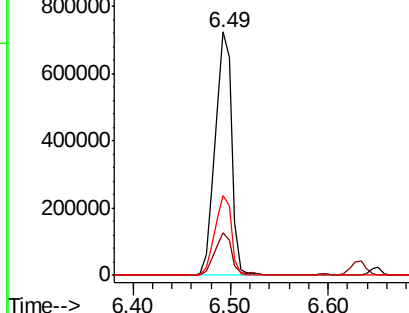
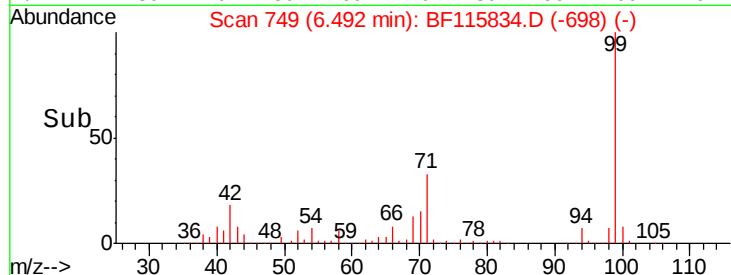
99 100

42 17.6 14.1 21.1

71 33.0 26.4 39.6



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: 41.559 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

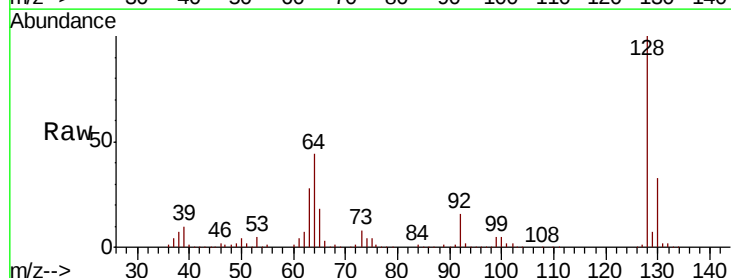
Tgt Ion: 128 Resp: 376348

Ion Ratio Lower Upper

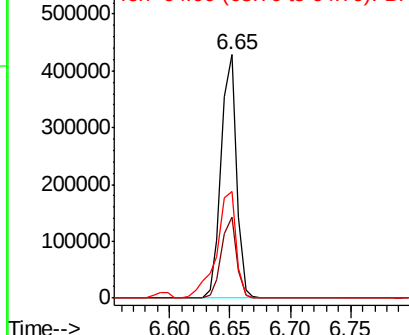
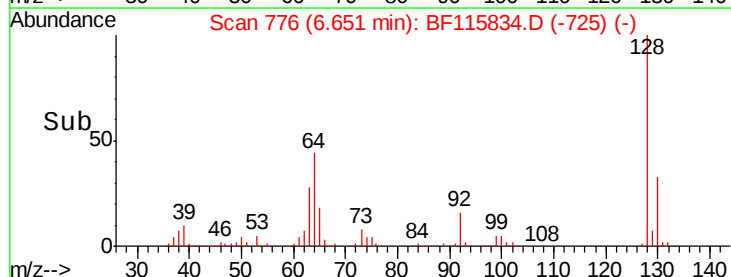
128 100

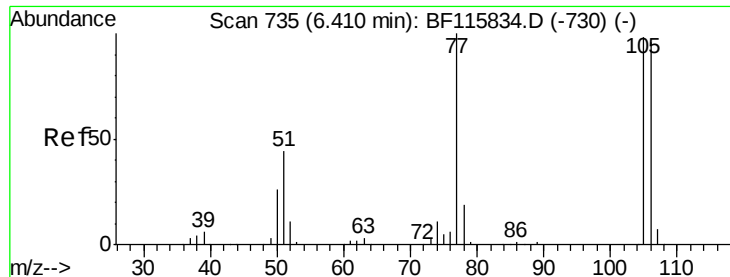
130 33.4 13.4 53.4

64 43.6 23.6 63.6



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

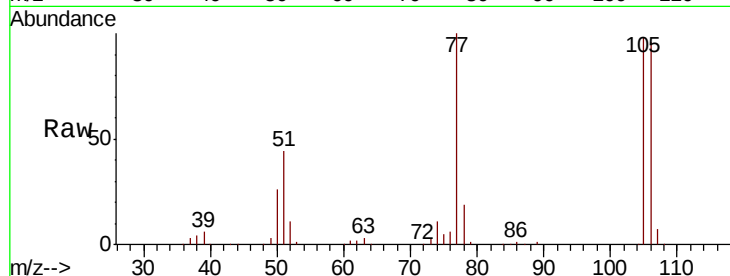




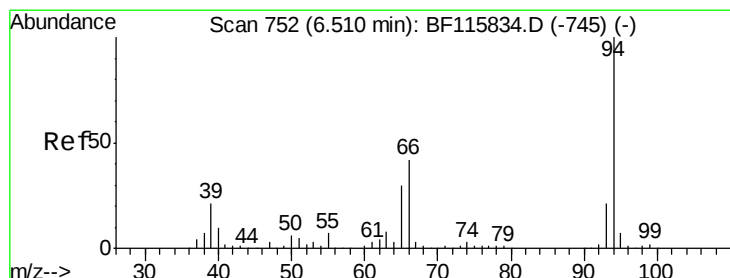
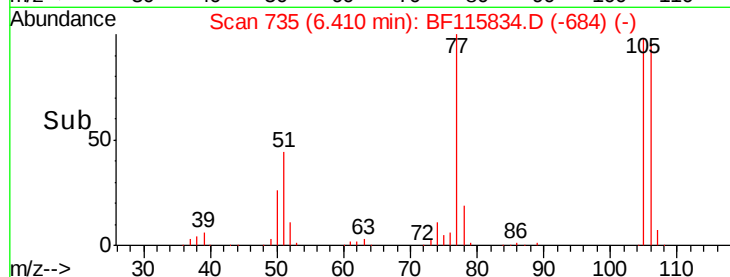
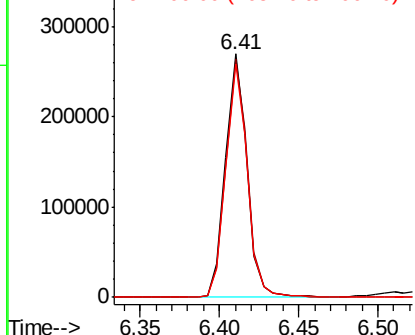
#9
Benzaldehyde
Concen: 40.504 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 252968
Ion Ratio Lower Upper
77 100
105 97.8 77.8 117.8
106 96.1 76.1 116.1

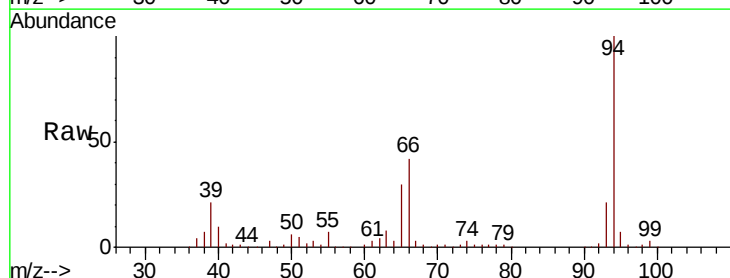


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

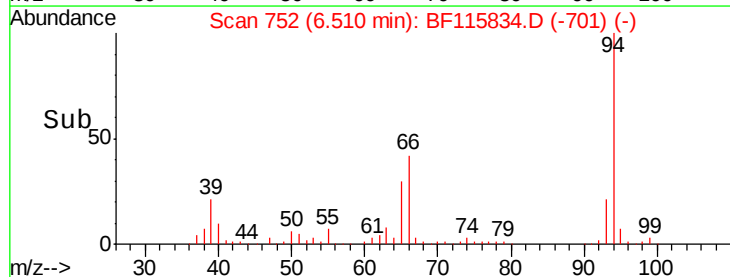
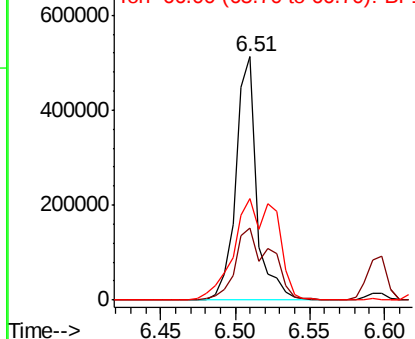


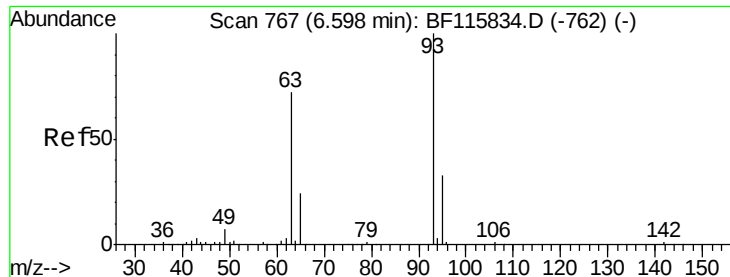
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Phenol
Concen: 43.648 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion: 94 Resp: 506407
Ion Ratio Lower Upper
94 100
65 29.7 9.7 49.7
66 41.5 21.5 61.5



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

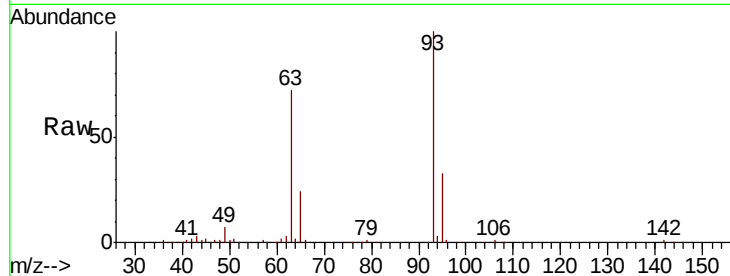




#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	93	63	95
Resp:	355214		
Ratio	100	71.9	32.7
Lower		51.9	12.7
Upper		91.9	52.7

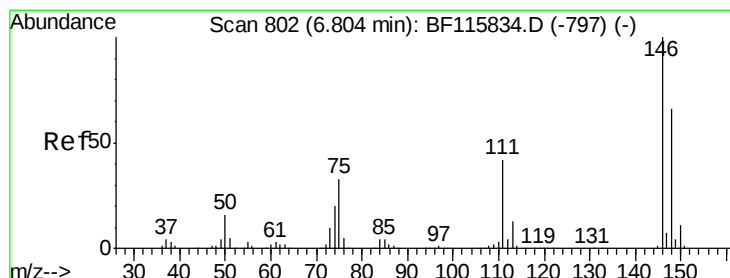
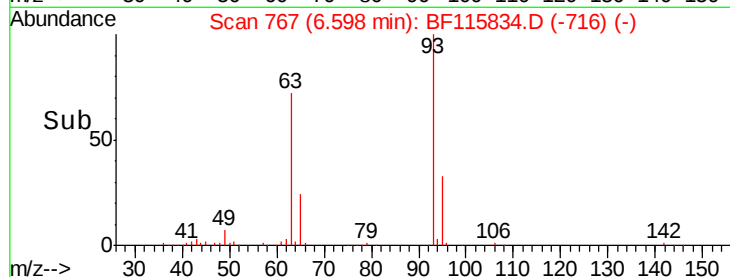
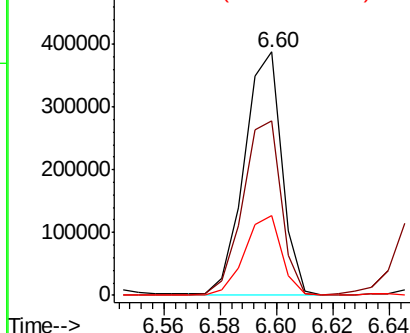


Abundance

Ion 93.00 (92.70 to 93.70): BF1

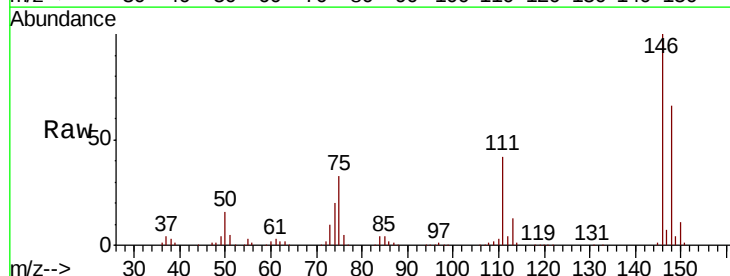
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.942 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	146	148	75
Resp:	416849		
Ratio	100	65.6	33.1
Lower		52.5	26.5
Upper		78.7	39.7

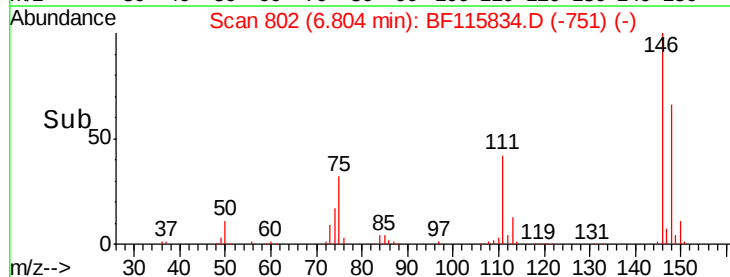
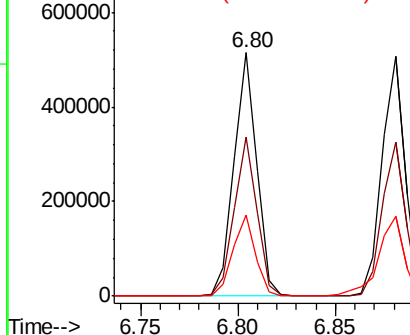


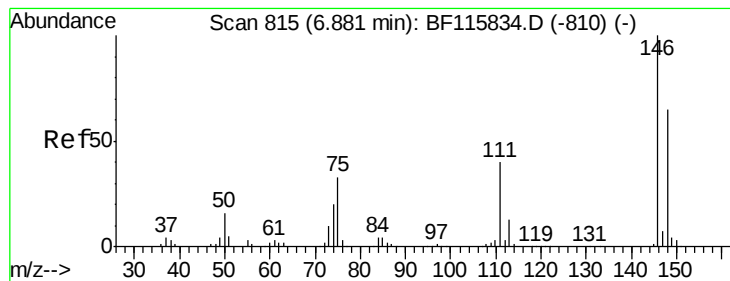
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.303 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

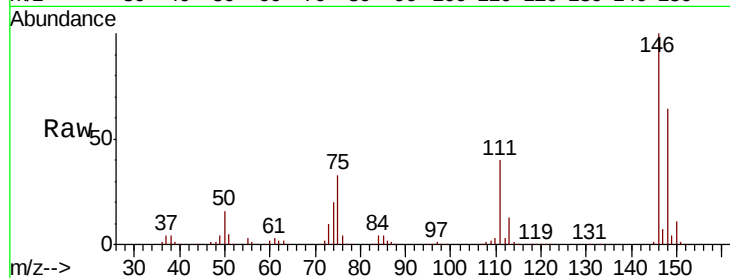
Tot Ion:146 Resp: 419579

Ion Ratio Lower Upper

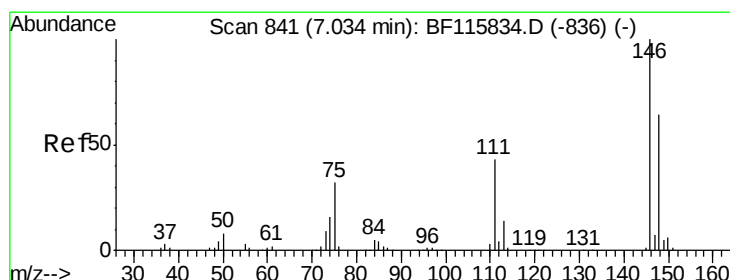
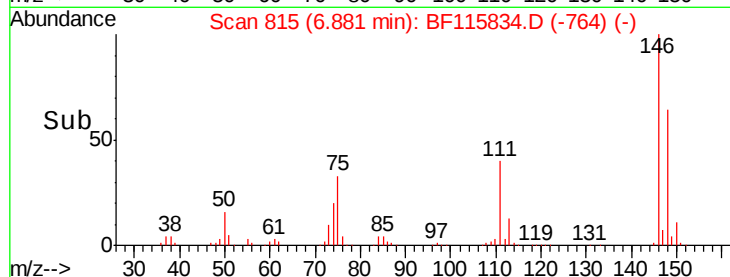
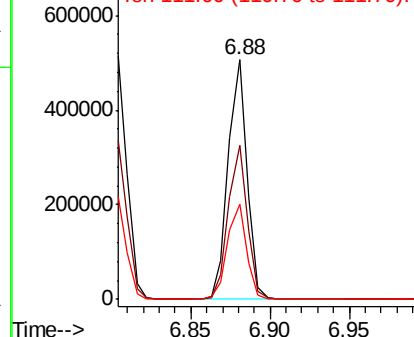
146 100

148 64.5 51.6 77.4

111 39.9 31.9 47.9



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: 41.846 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

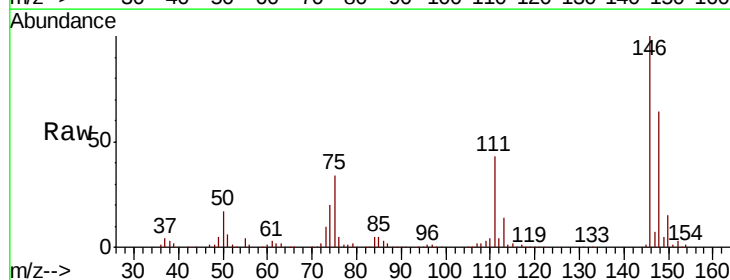
Tgt Ion:146 Resp: 388591

Ion Ratio Lower Upper

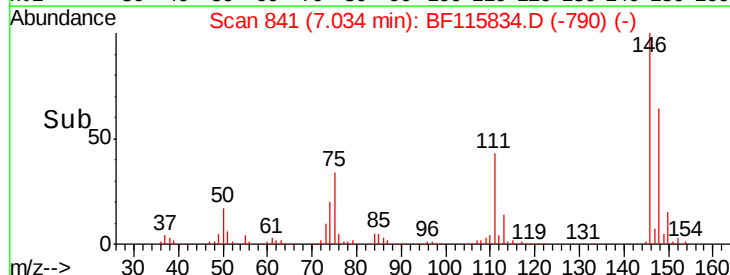
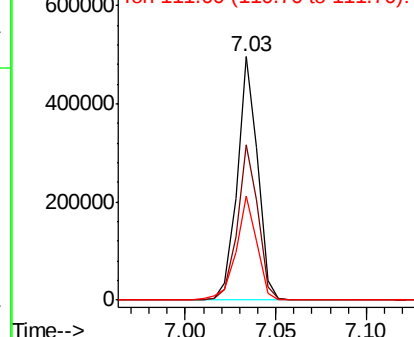
146 100

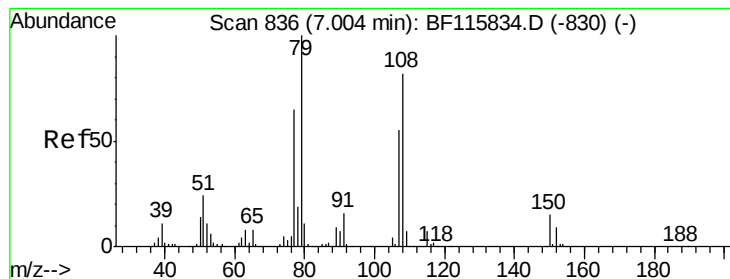
148 63.6 50.9 76.3

111 43.0 34.4 51.6



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: 40.832 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

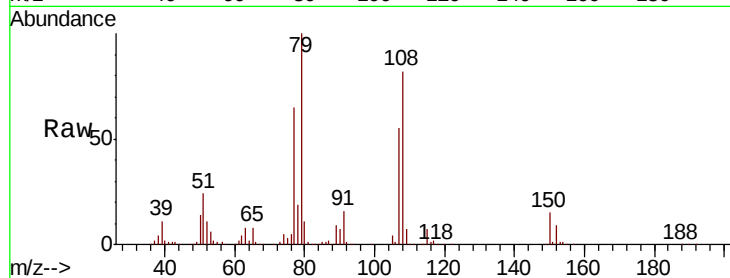
Tot Ion: 79 Resp: 323728

Ion Ratio Lower Upper

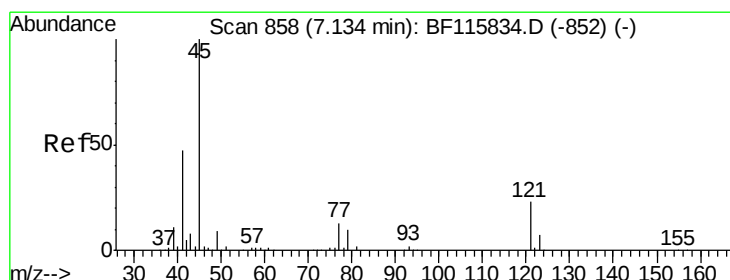
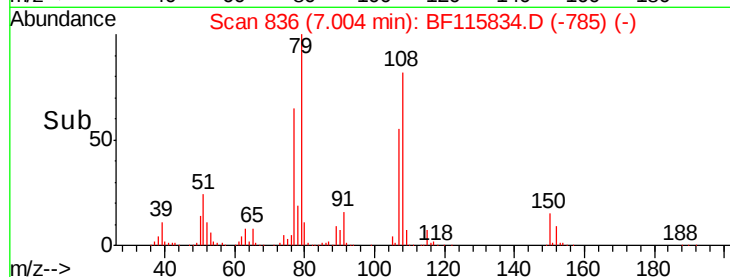
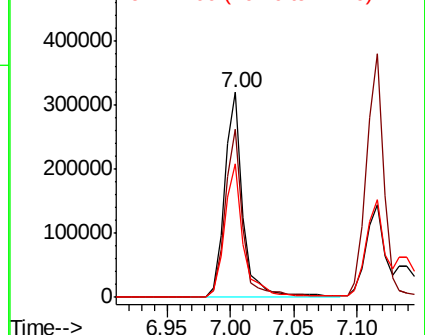
79 100

108 81.8 65.4 98.2

77 65.2 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.850 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

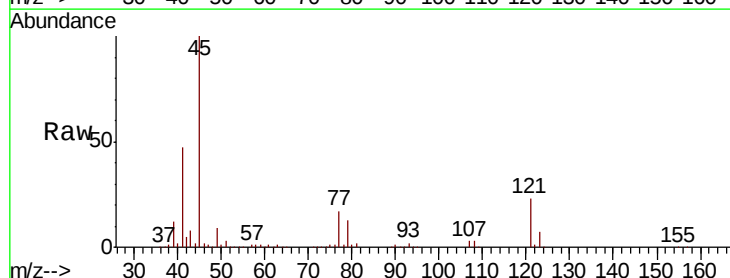
Tgt Ion: 45 Resp: 475050

Ion Ratio Lower Upper

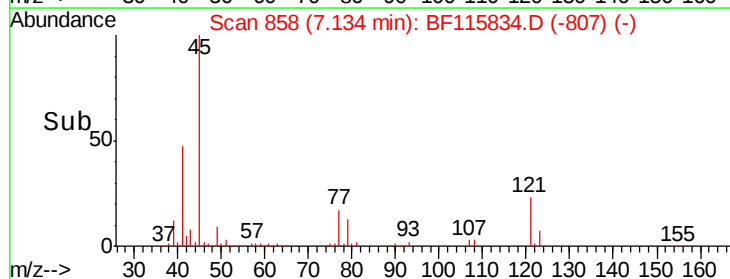
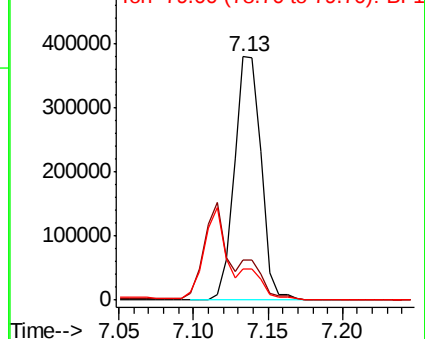
45 100

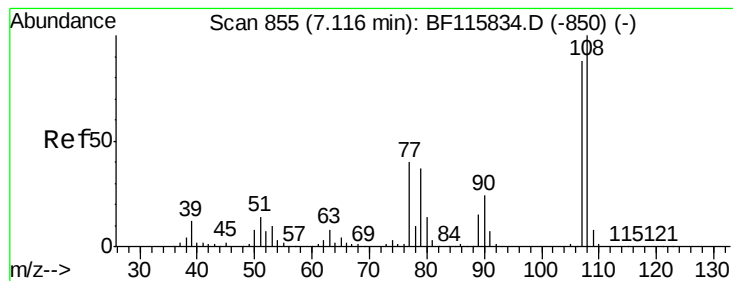
77 16.5 0.0 36.5

79 12.7 0.0 32.7



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

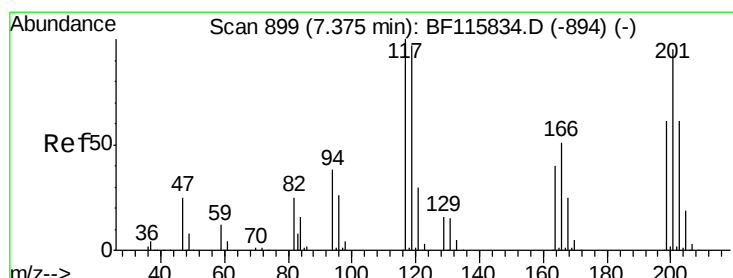
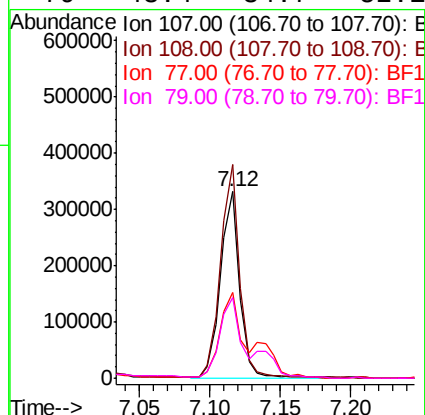
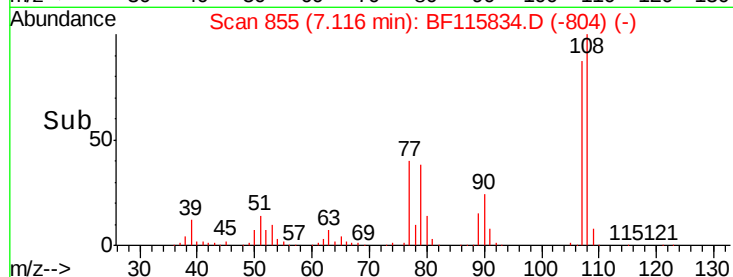
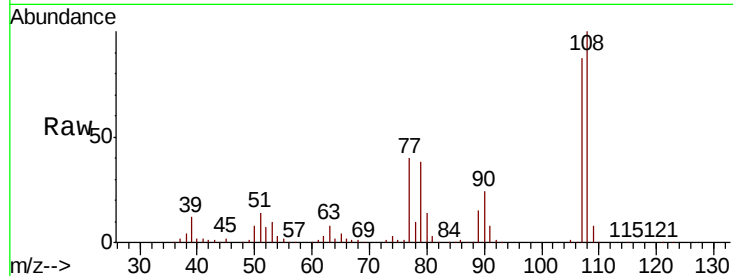




#17
2-Methylphenol
Concen: 40.414 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

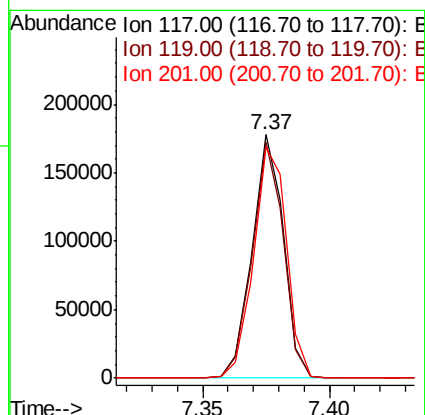
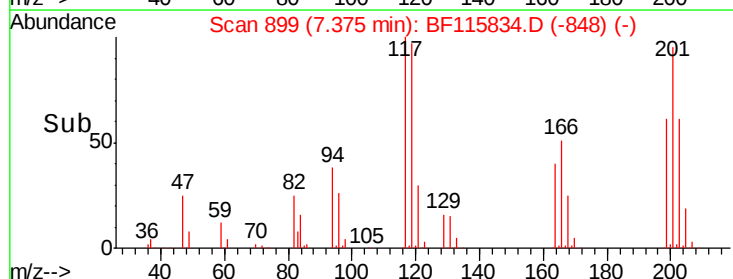
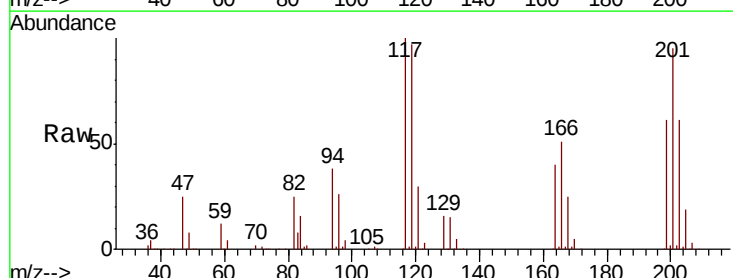
Instrument :
BNA_F
ClientSampled :

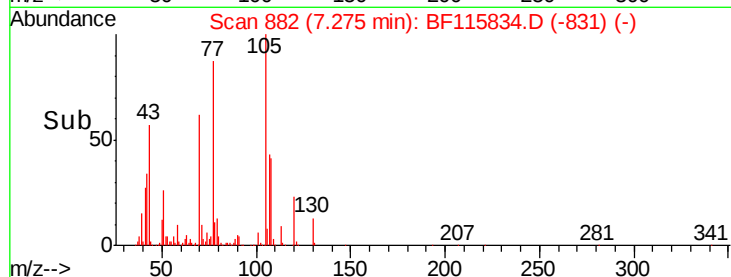
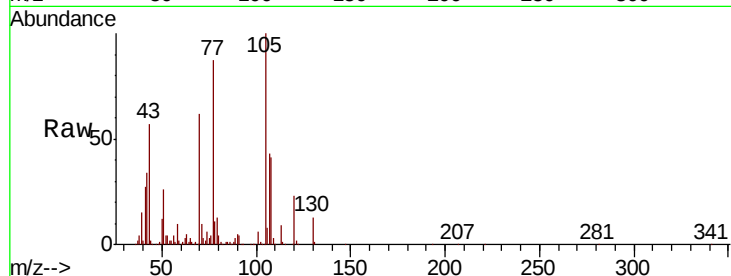
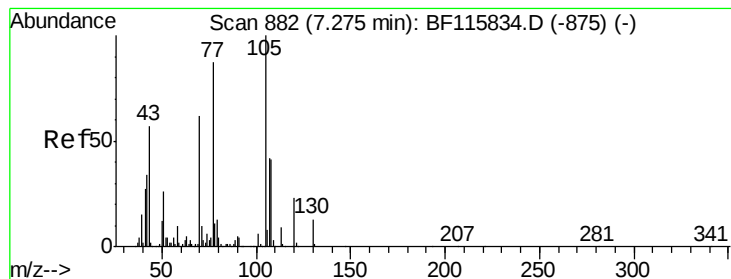
Tot Ion:107 Resp: 315393
Ion Ratio Lower Upper
107 100
108 114.3 91.4 137.2
77 45.7 36.6 54.8
79 43.4 34.7 52.1



#18
Hexachloroethane
Concen: 40.572 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:117 Resp: 152977
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
201 94.9 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.682 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 252132

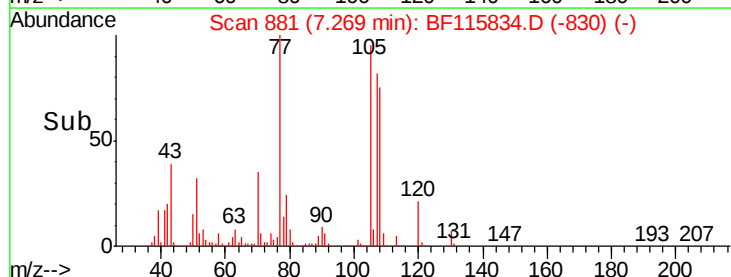
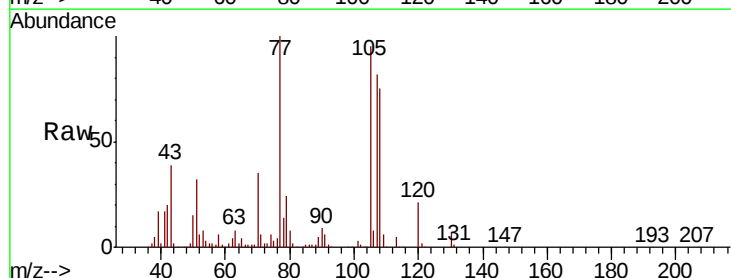
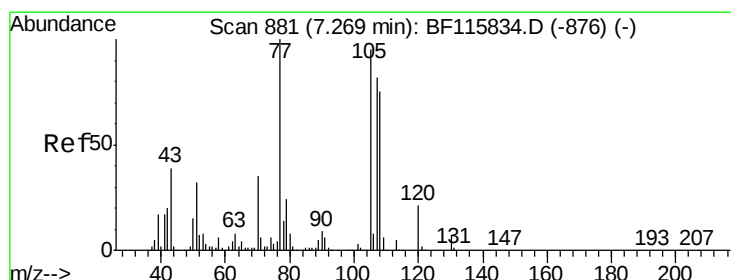
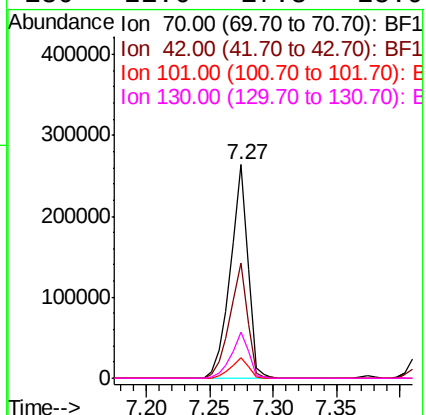
Ion Ratio Lower Upper

70 100

42 54.2 43.4 65.0

101 9.9 7.9 11.9

130 21.6 17.3 25.9



#20

3+4-Methylphenols

Concen: 40.976 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Tgt Ion:107 Resp: 379837

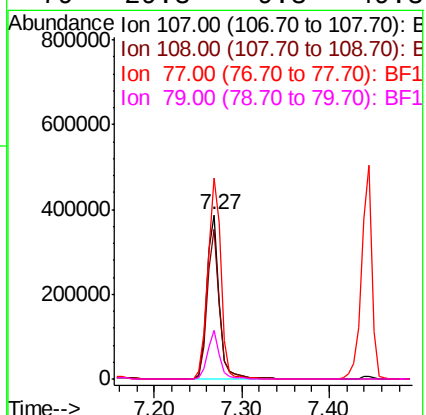
Ion Ratio Lower Upper

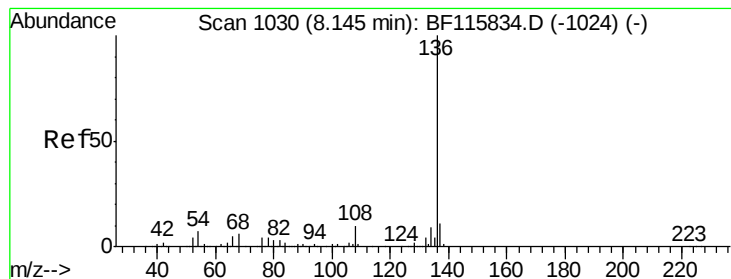
107 100

108 91.2 71.2 111.2

77 122.2 102.2 142.2

79 29.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 524201

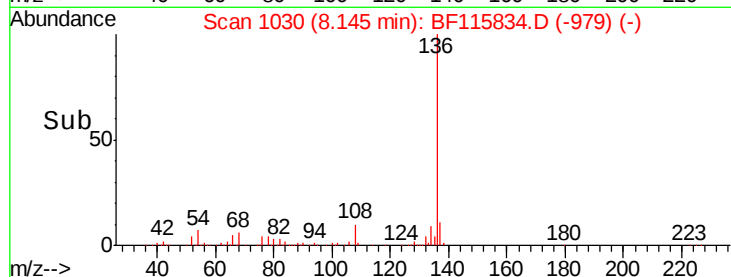
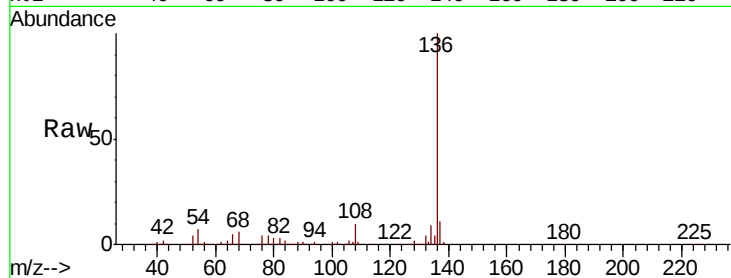
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.8 5.4 8.2

68 5.8 4.6 7.0

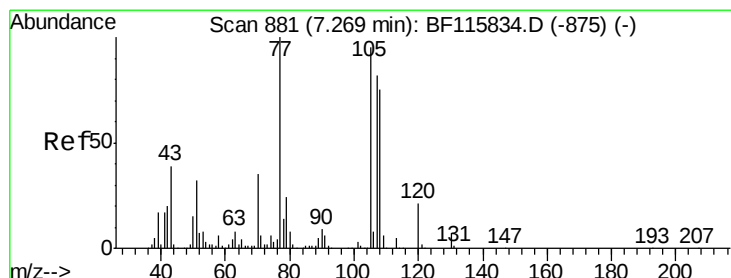
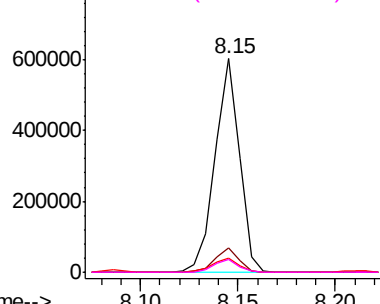


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.102 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Tgt Ion:105 Resp: 486752

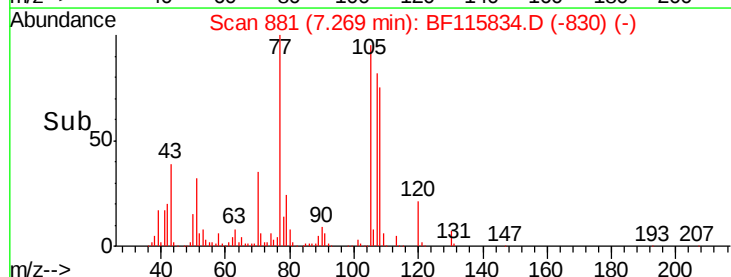
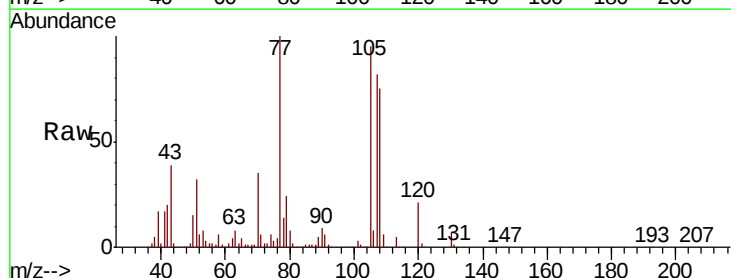
Ion Ratio Lower Upper

105 100

71 6.3 5.0 7.6

51 33.8 27.0 40.6

120 21.8 17.4 26.2

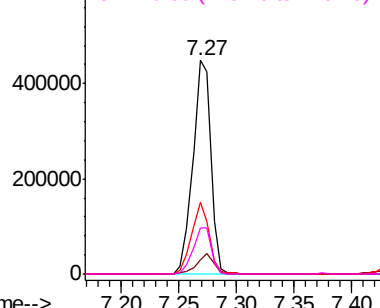


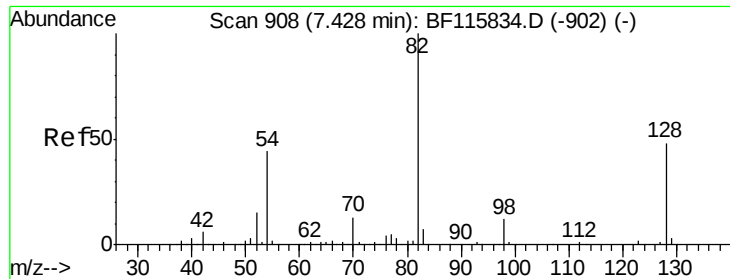
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

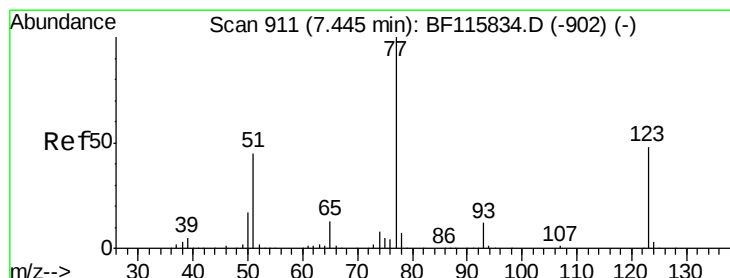
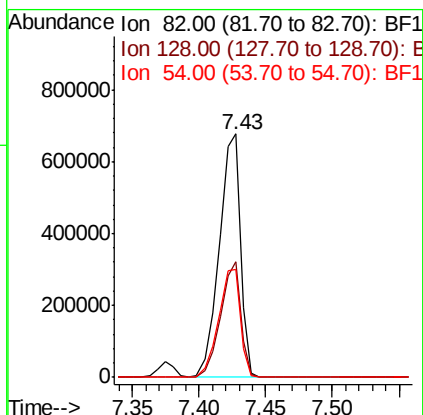
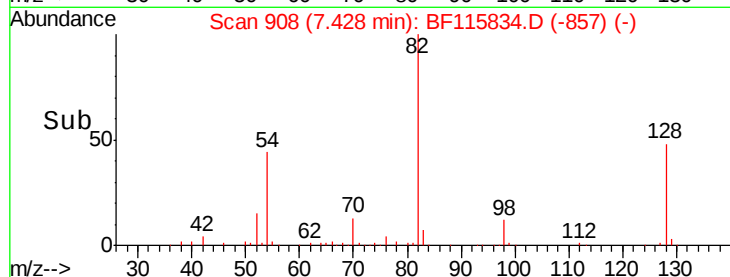
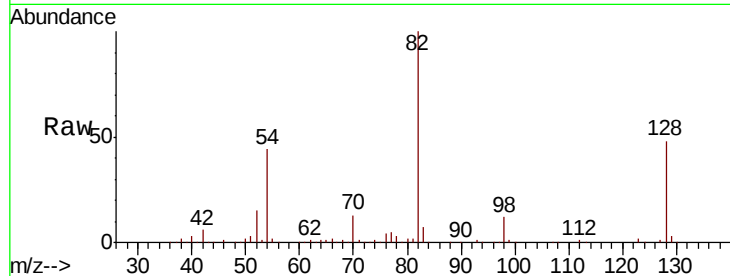




#23
 Nitrobenzene-d5
 Concen: 84.740 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

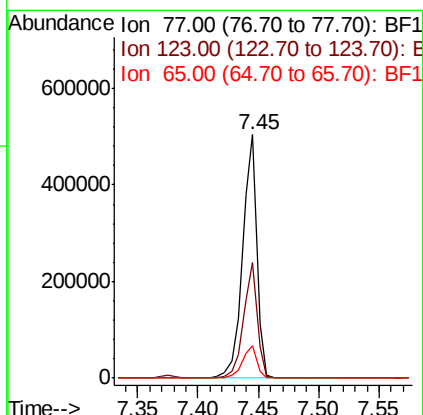
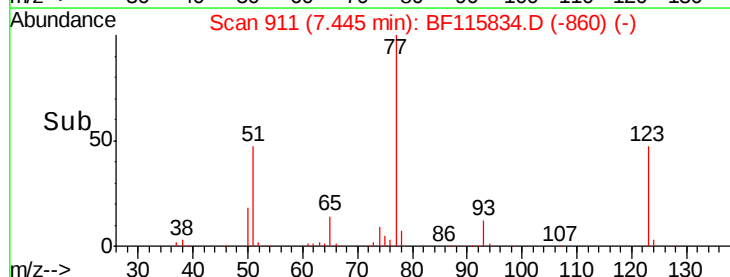
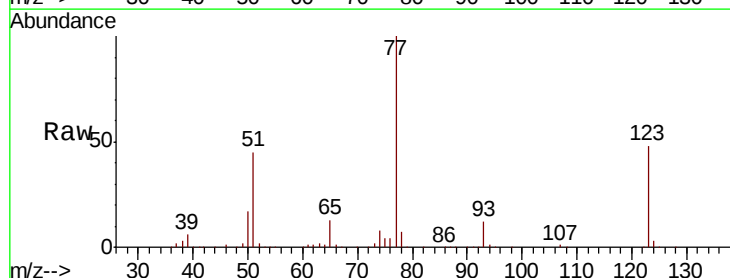
Instrument :
 BNA_F
 ClientSampleID :

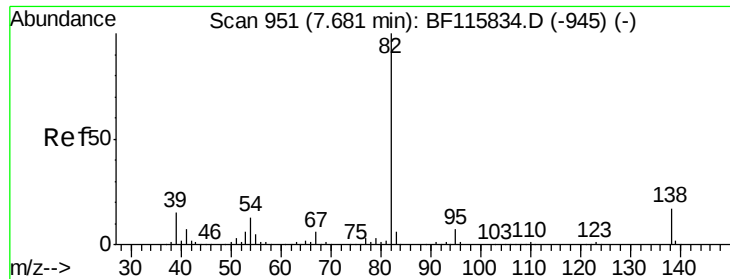
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.0	57.0
54	44.2	35.4	53.0



#24
 Nitrobenzene
 Concen: 42.798 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.2	57.2
65	13.4	10.7	16.1





#25

Isophorone

Concen: 39.501 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

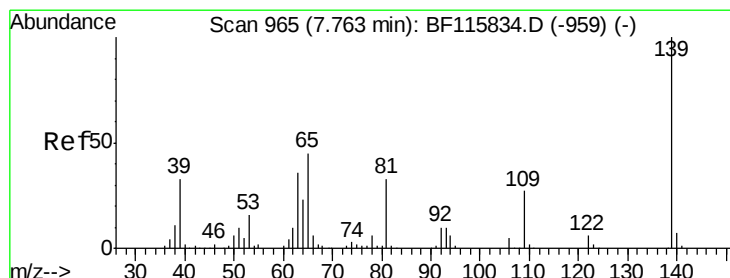
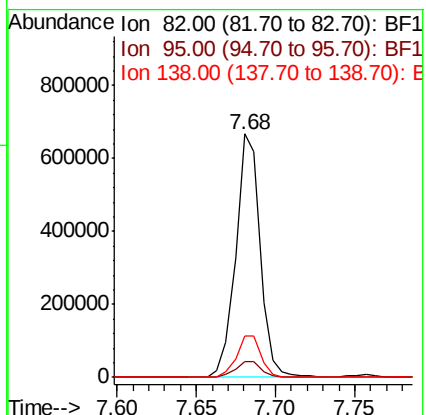
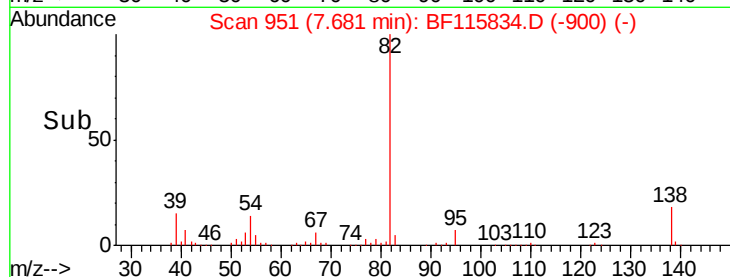
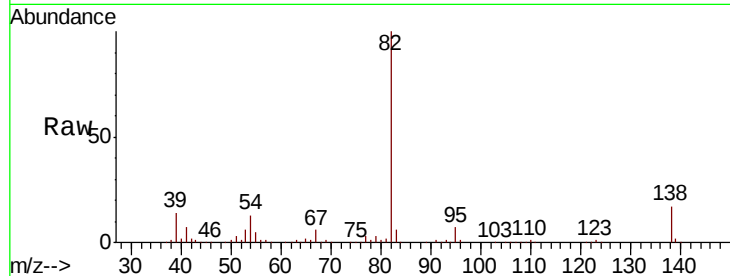
Tot Ion: 82 Resp: 712577

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.2 13.8 20.6



#26

2-Nitrophenol

Concen: 40.054 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

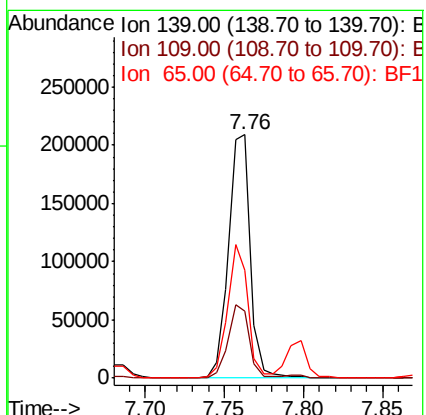
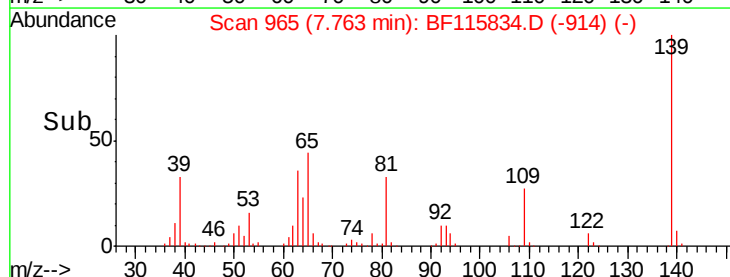
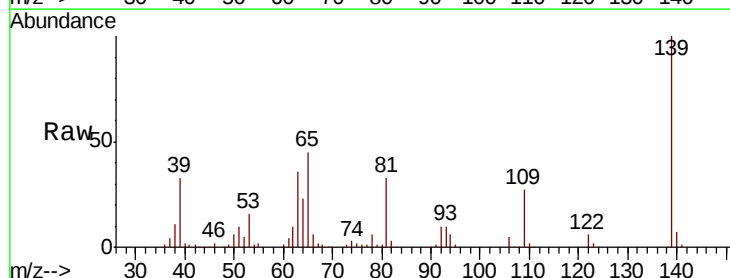
Tgt Ion: 139 Resp: 200466

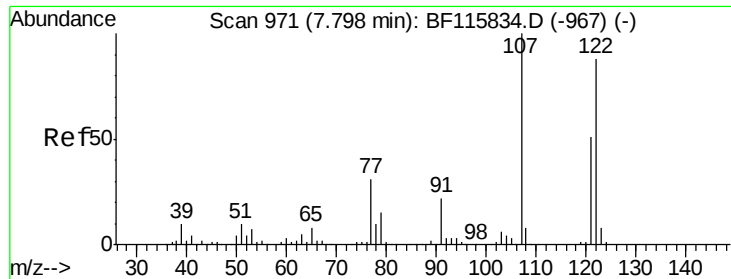
Ion Ratio Lower Upper

139 100

109 27.5 22.0 33.0

65 44.6 35.7 53.5

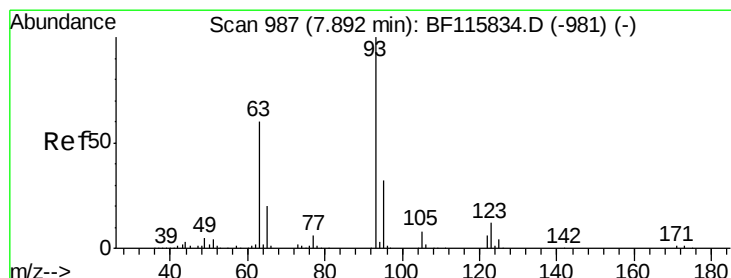
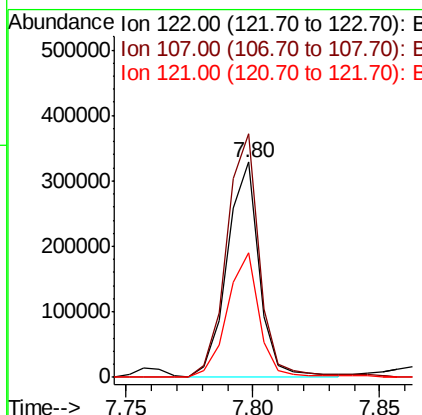
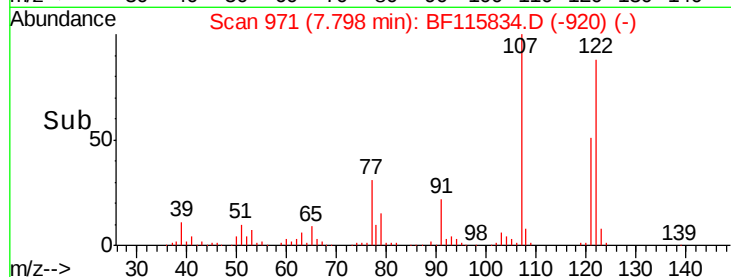
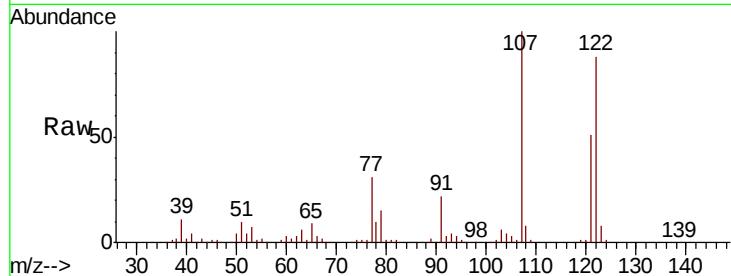




#27
 2,4-Dimethylphenol
 Concen: 38.666 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

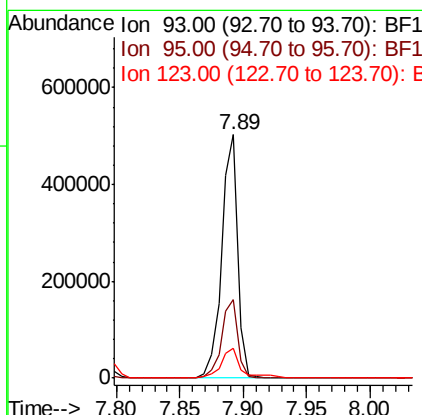
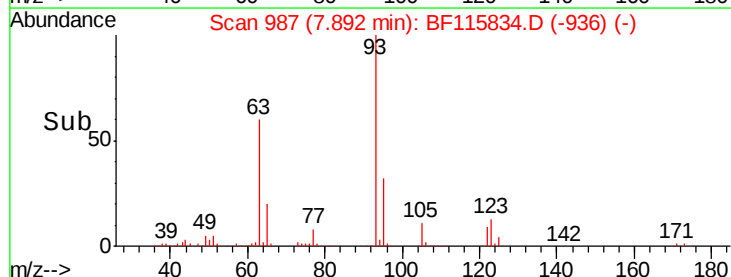
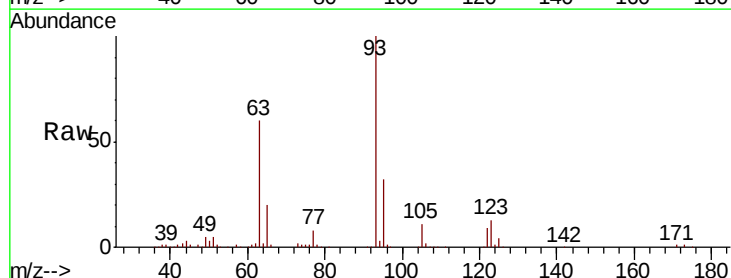
Instrument :
 BNA_F
 ClientSampled :

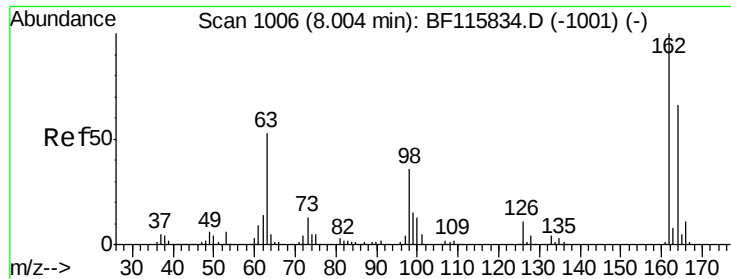
Tot Ion:122 Resp: 289554
 Ion Ratio Lower Upper
 122 100
 107 113.2 90.6 135.8
 121 57.8 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.929 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion: 93 Resp: 441887
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.9 38.9
 123 12.5 10.0 15.0

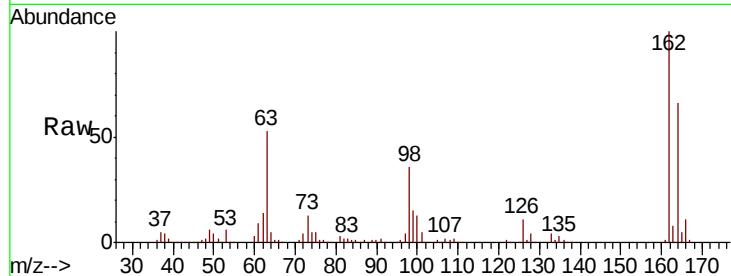




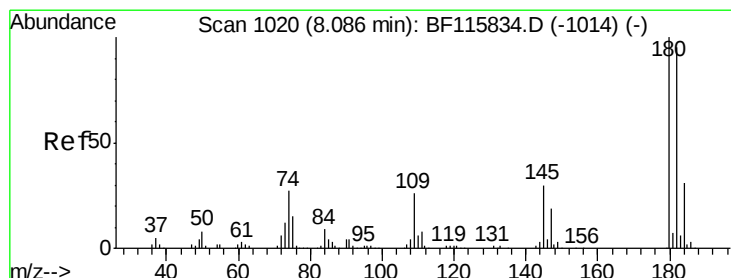
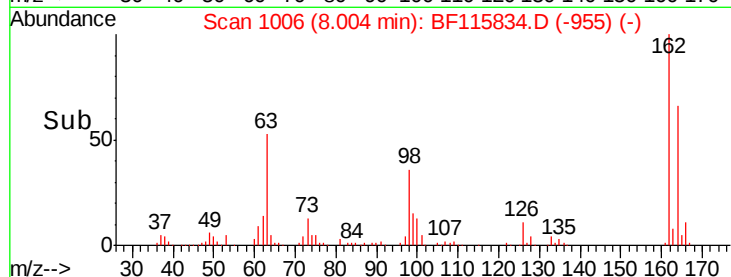
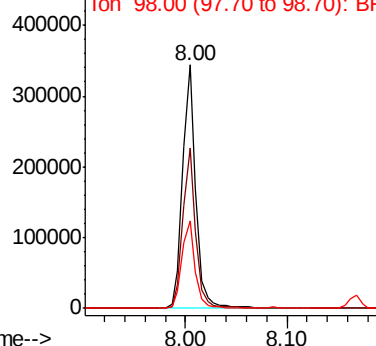
#29
 2,4-Dichlorophenol
 Concen: 40.076 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 312114
 Ion Ratio Lower Upper
 162 100
 164 66.0 46.0 86.0
 98 36.1 16.1 56.1

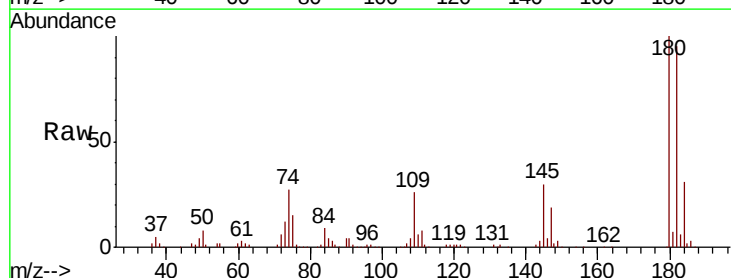


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

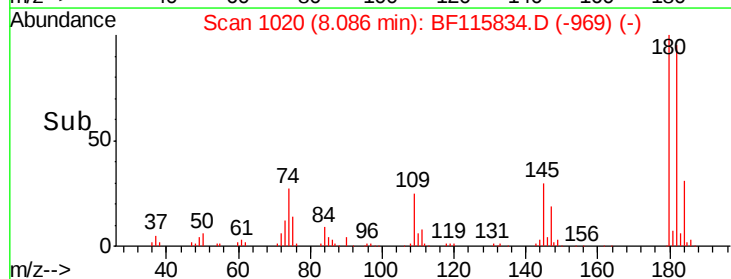
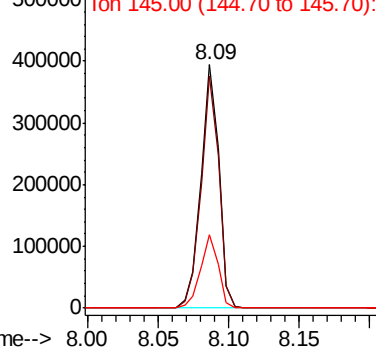


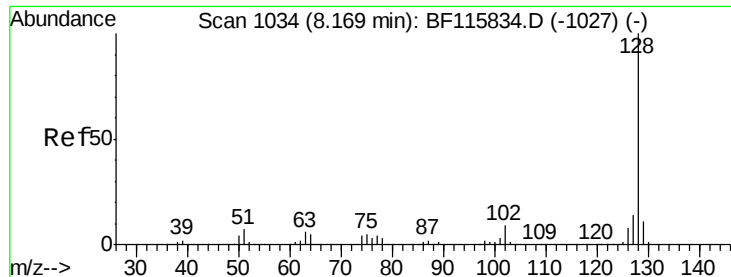
#30
 1,2,4-Trichlorobenzene
 Concen: 39.612 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:180 Resp: 348717
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 30.2 24.2 36.2



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

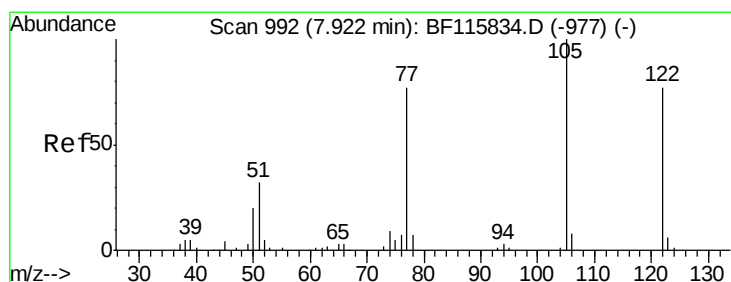
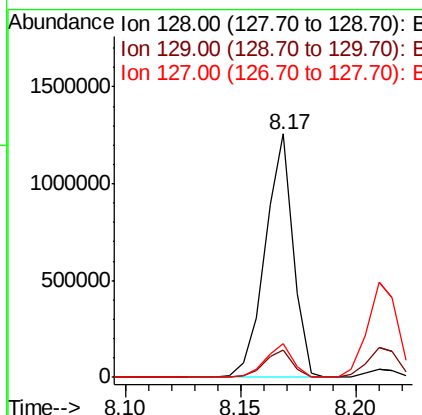
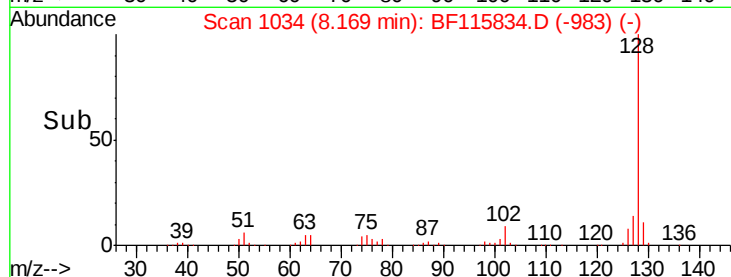
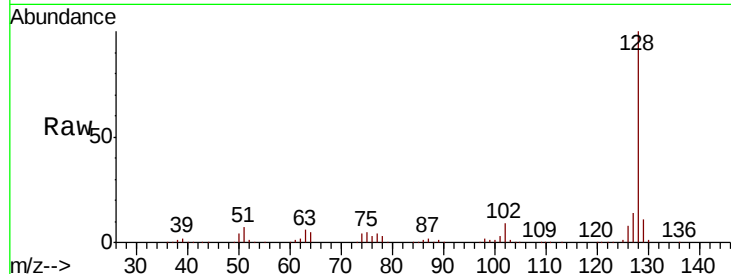




#31
Naphthalene
Concen: 41.768 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

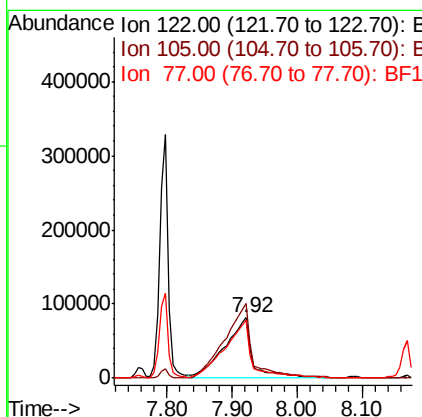
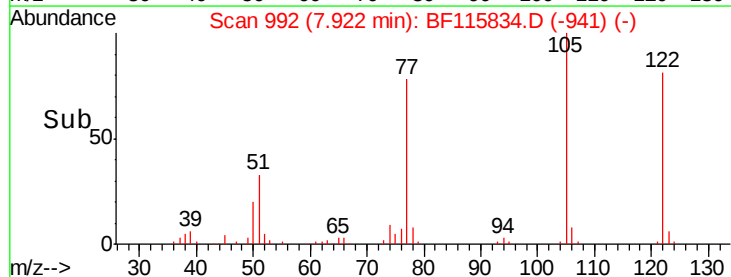
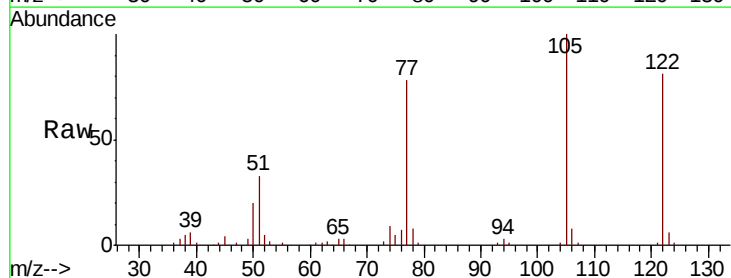
Instrument :
BNA_F
ClientSampleId :

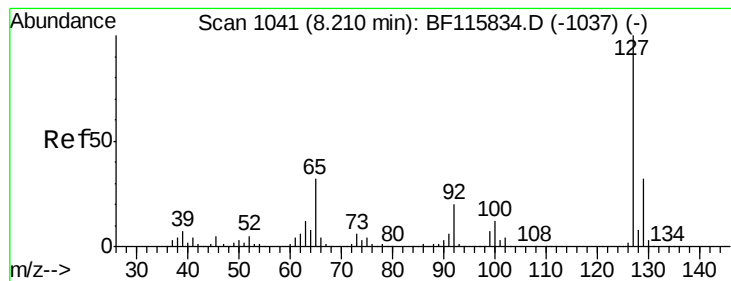
Tot Ion:128 Resp: 1060379
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 38.379 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:122 Resp: 235866
Ion Ratio Lower Upper
122 100
105 123.8 103.8 143.8
77 96.8 76.8 116.8





#33

4-Chloroaniline

Concen: 40.938 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 460360

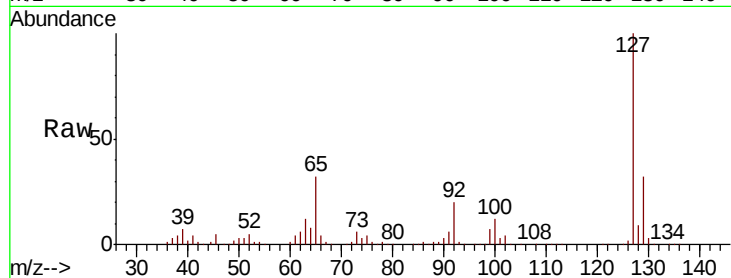
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.6

65 31.7 25.4 38.0

92 19.5 15.6 23.4

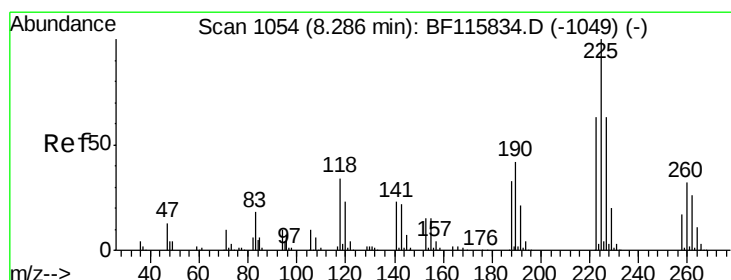
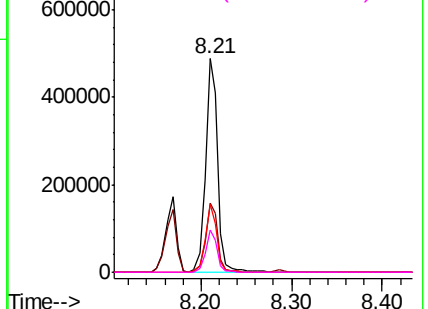
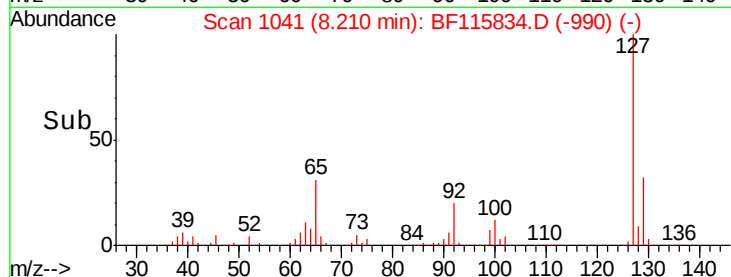


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.258 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

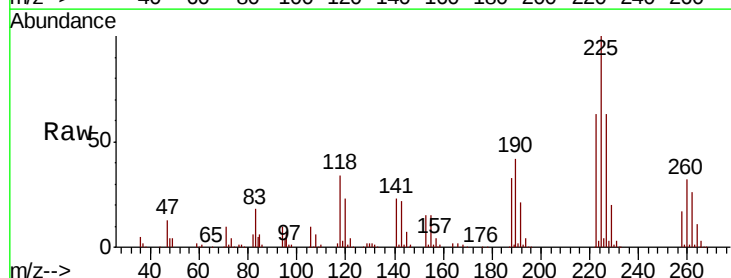
Tgt Ion:225 Resp: 198190

Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

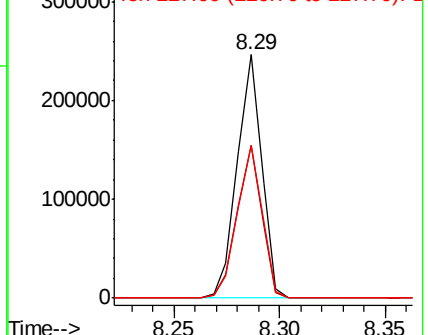
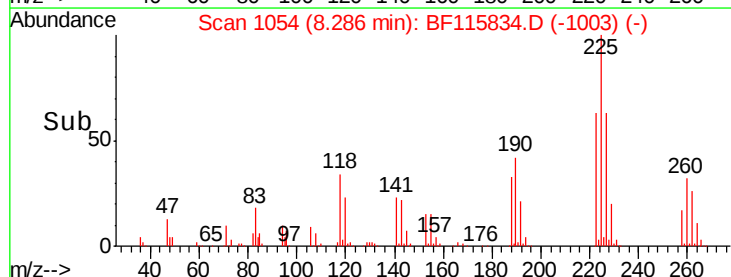
227 62.8 50.2 75.4

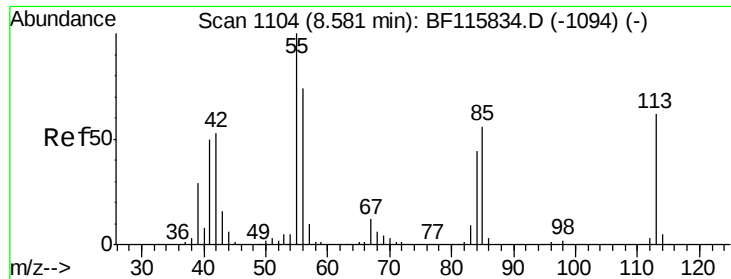


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

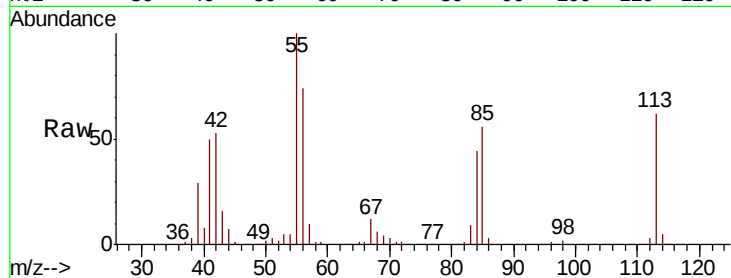




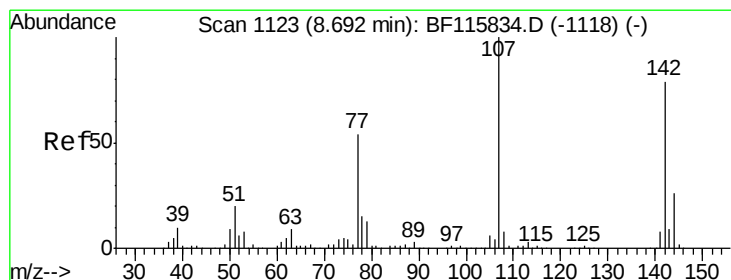
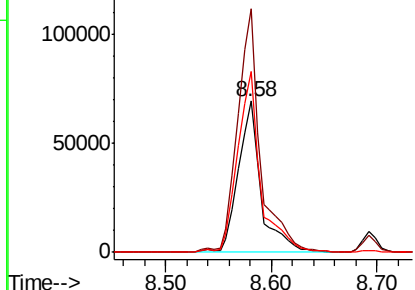
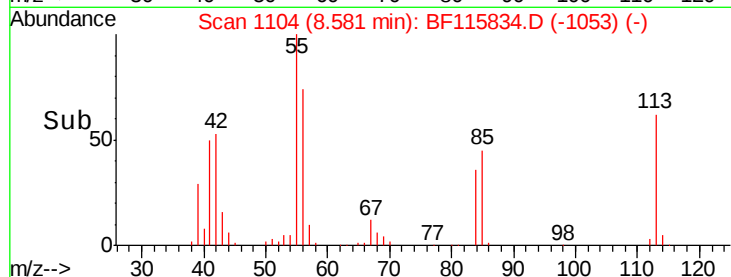
#35
 Caprolactam
 Concen: 42.529 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 102351
 Ion Ratio Lower Upper
 113 100
 55 161.2 141.2 181.2
 56 120.0 100.0 140.0

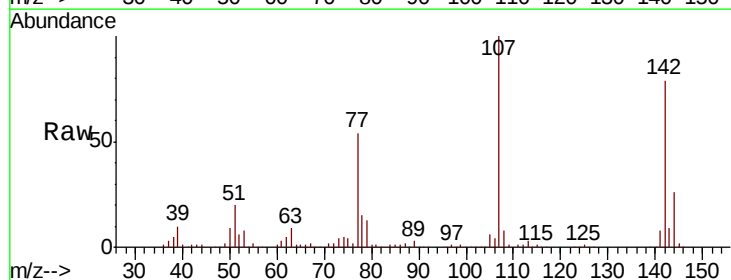


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

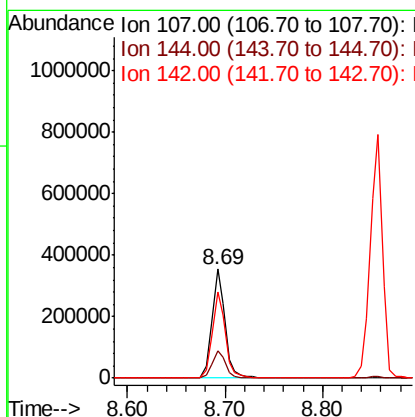
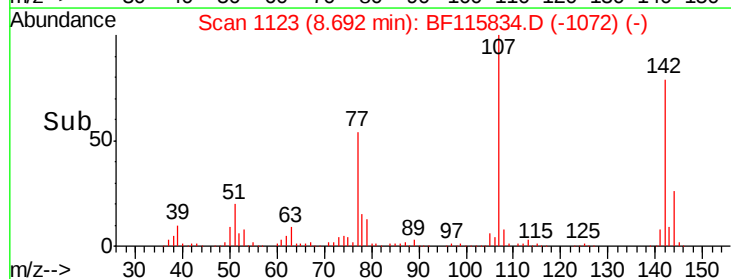


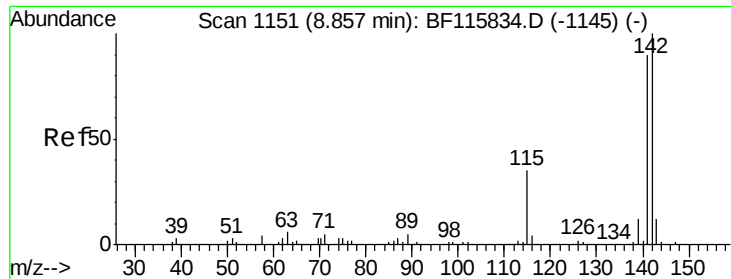
#36
 4-Chloro-3-methylphenol
 Concen: 40.709 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:107 Resp: 328871
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 79.2 63.4 95.0



Abundance Ion 107.00 (106.70 to 107.70): E
 1000000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

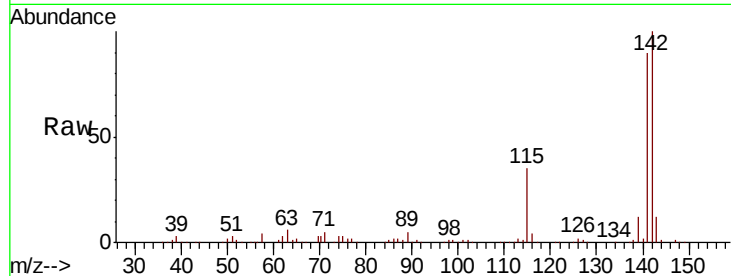




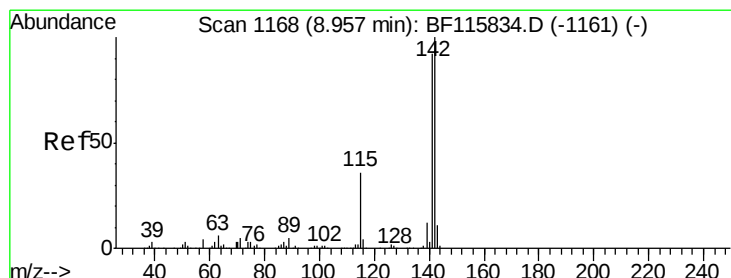
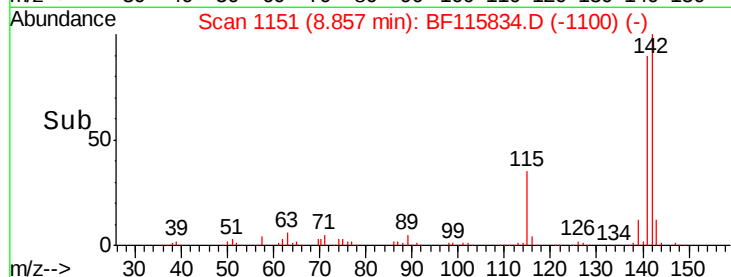
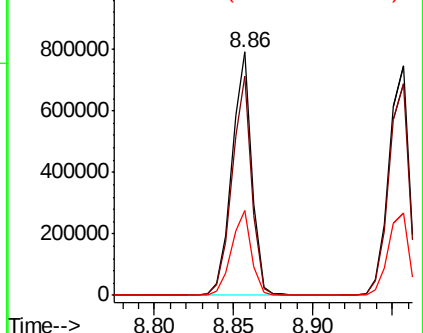
#37
2-Methylnaphthalene
Concen: 40.928 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	34.9	27.9	41.9

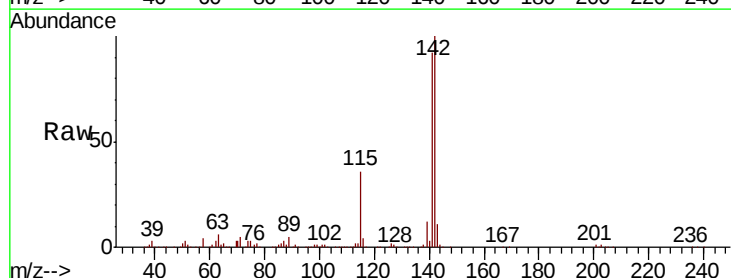


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

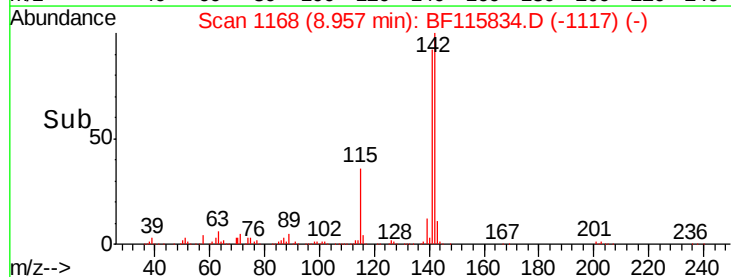
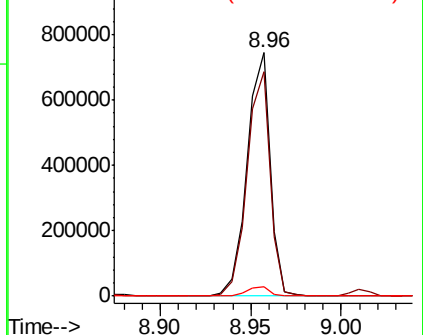


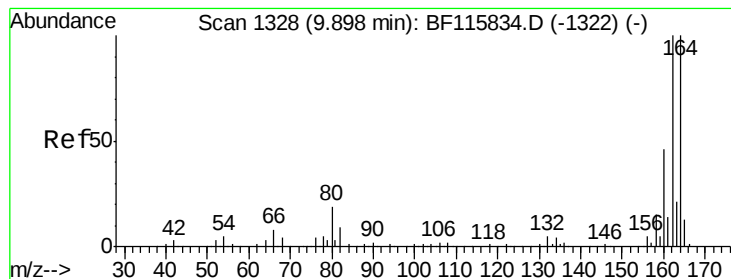
#38
1-Methylnaphthalene
Concen: 41.134 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.8
116	3.7	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

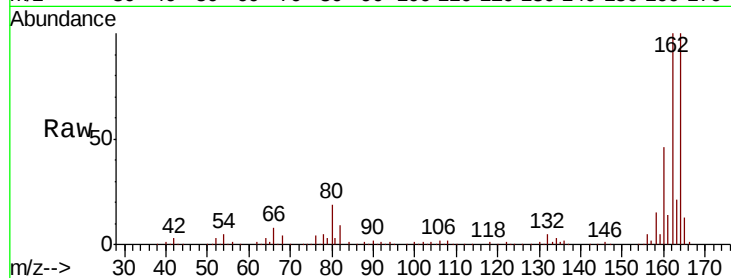
Tot Ion:164 Resp: 275353

Ion Ratio Lower Upper

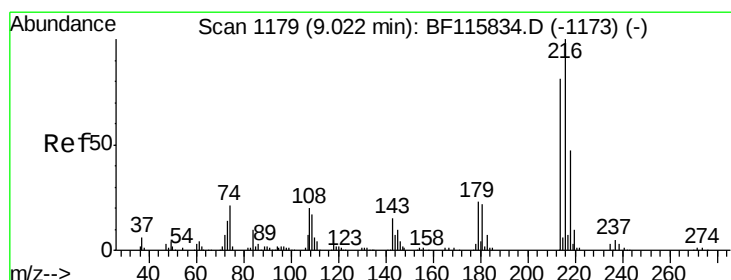
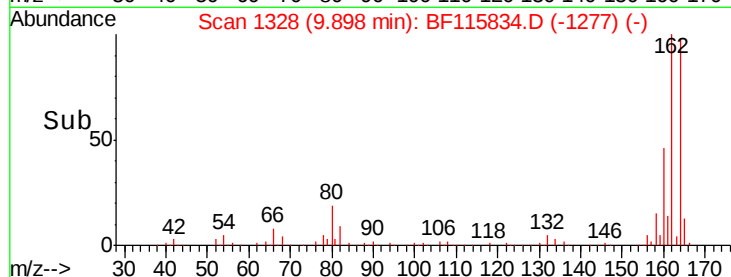
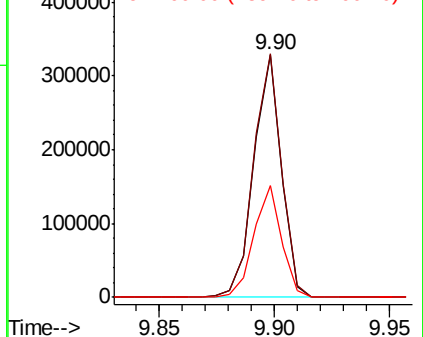
164 100

162 100.4 80.3 120.5

160 46.1 36.9 55.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.124 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Tgt Ion:216 Resp: 307828

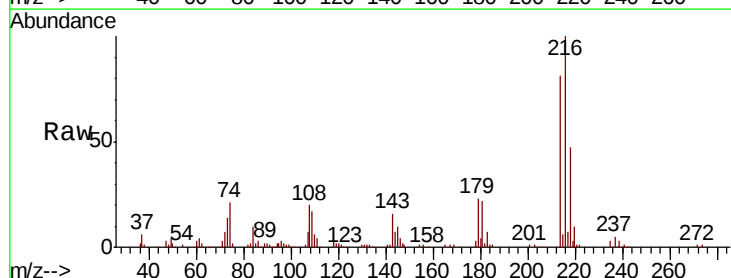
Ion Ratio Lower Upper

216 100

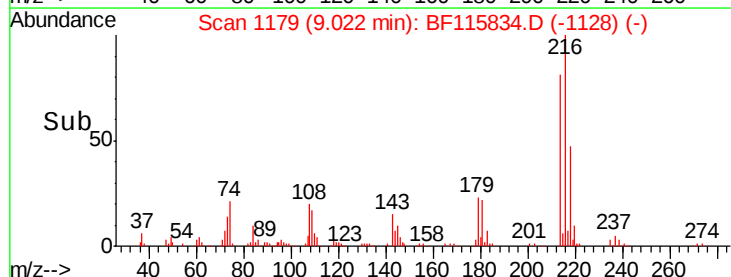
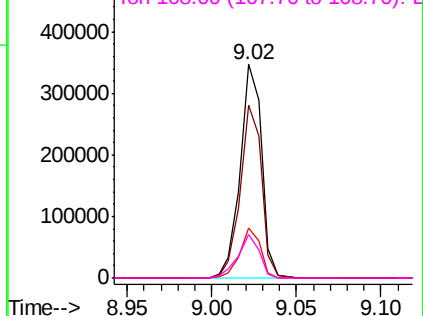
214 80.0 64.0 96.0

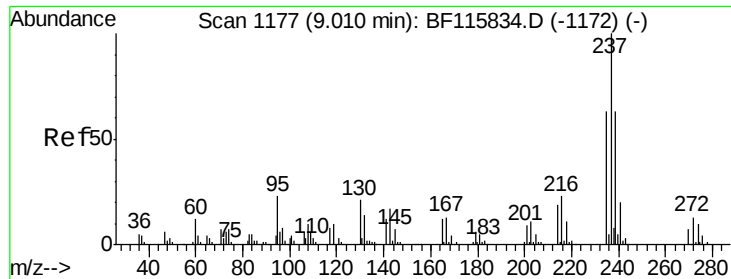
179 22.3 17.8 26.8

108 20.3 16.2 24.4



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

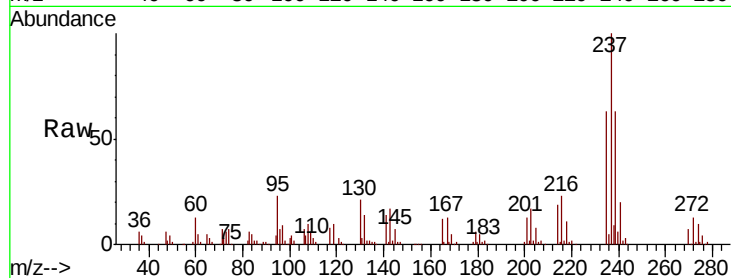




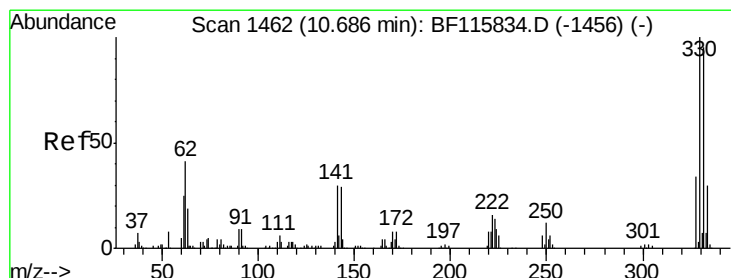
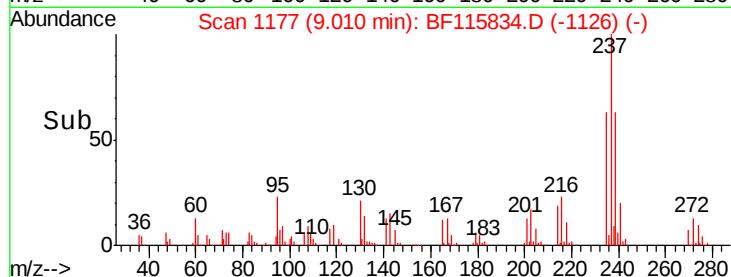
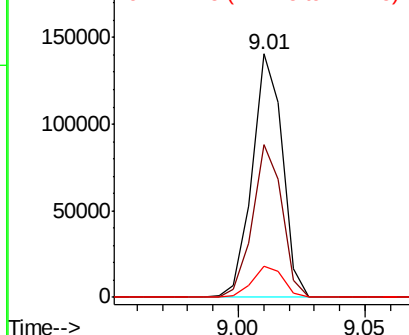
#41
Hexachlorocyclopentadiene
Concen: 24.689 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 116781
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 12.8 0.0 32.8

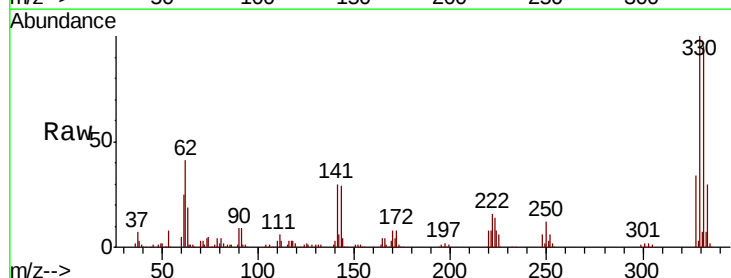


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

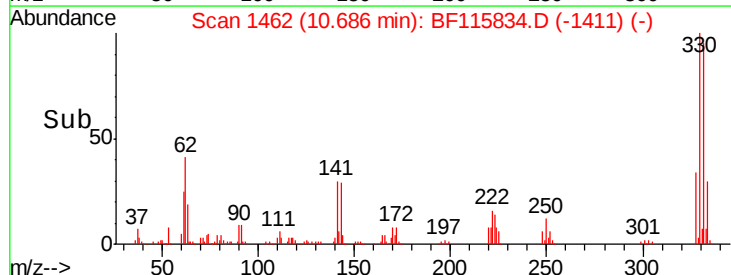
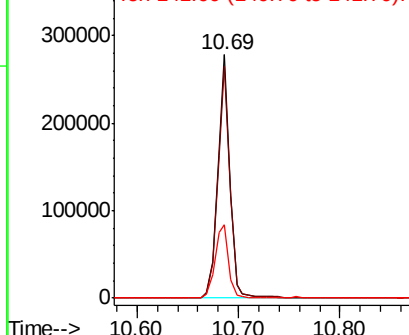


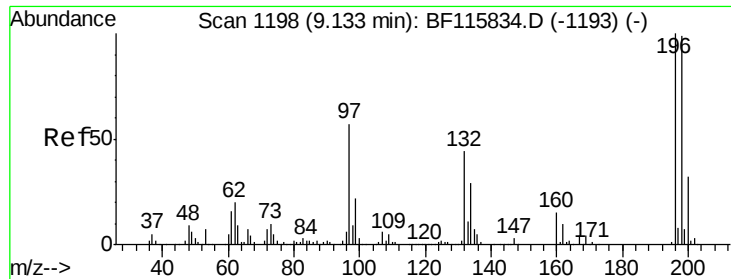
#42
2,4,6-Tribromophenol
Concen: 71.770 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:330 Resp: 230670
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 34.0 27.2 40.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

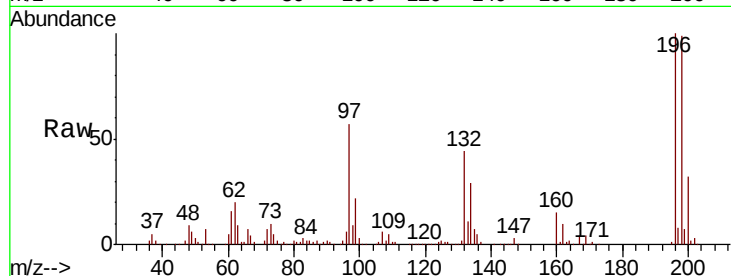




#43
 2,4,6-Trichlorophenol
 Concen: 34.627 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.3	118.9
200	31.6	25.3	37.9

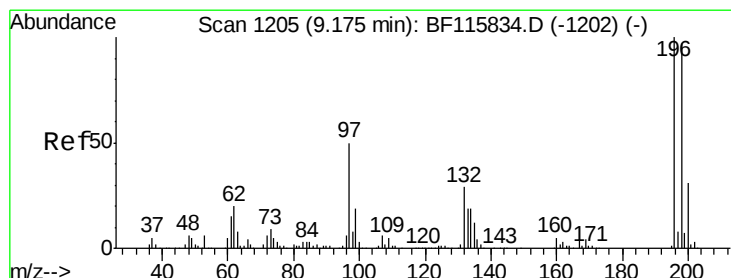
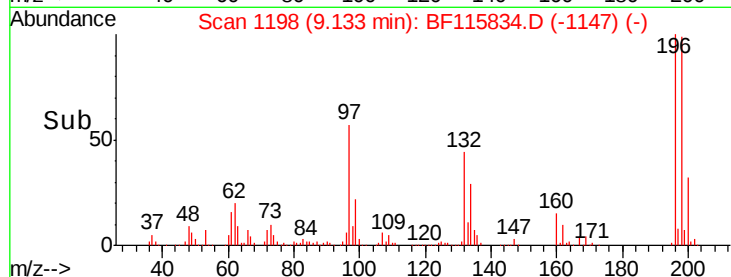
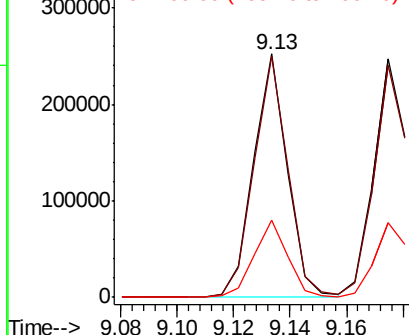


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.125 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.9	116.9
97	50.3	40.2	60.4
132	28.8	23.0	34.6

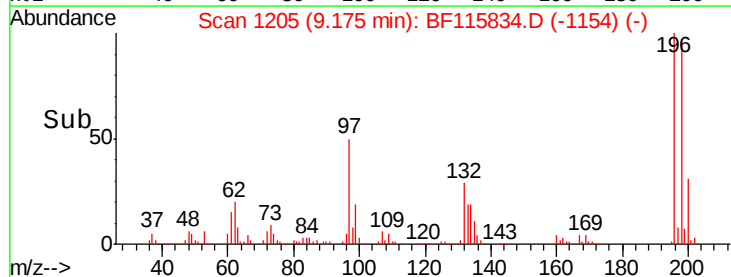
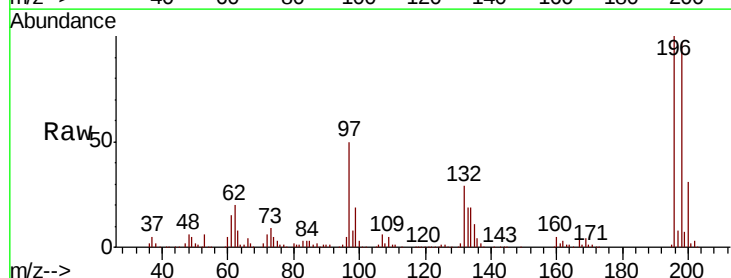
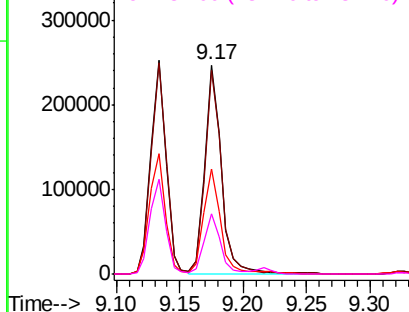
Abundance

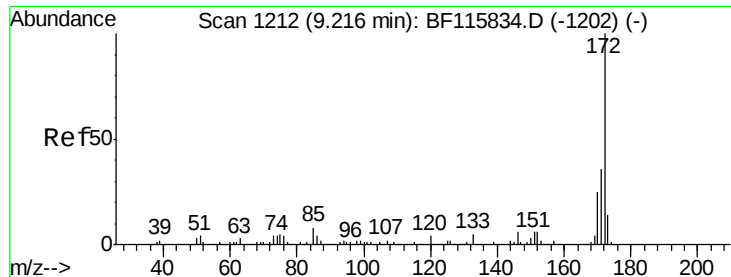
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

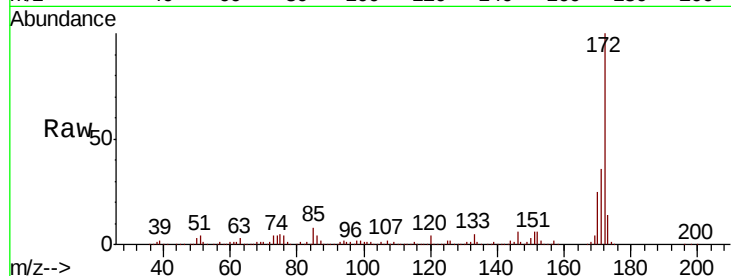




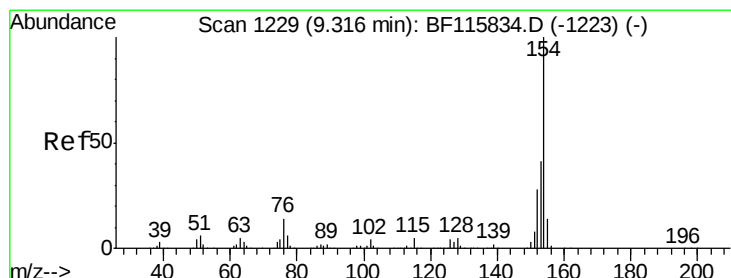
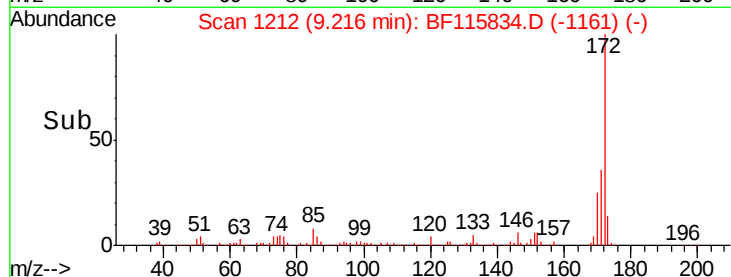
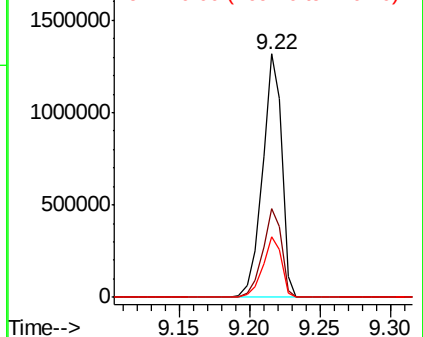
#45
2-Fluorobiphenyl
Concen: 80.739 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1270173
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.1 20.1 30.1

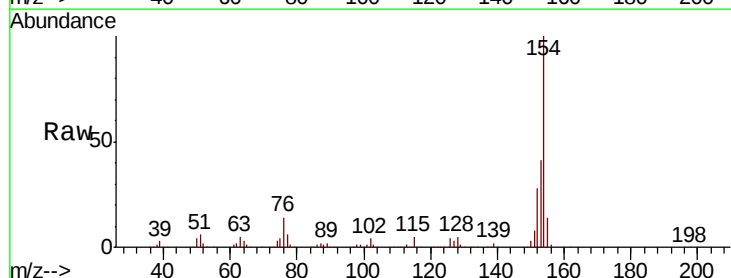


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

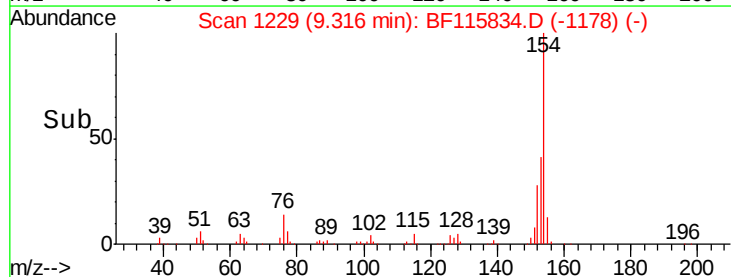
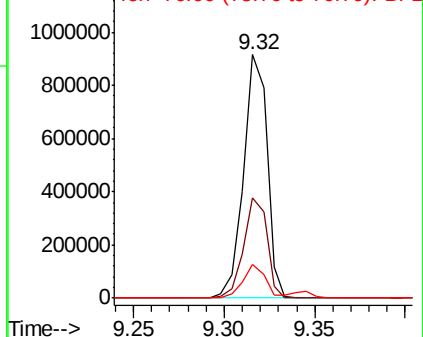


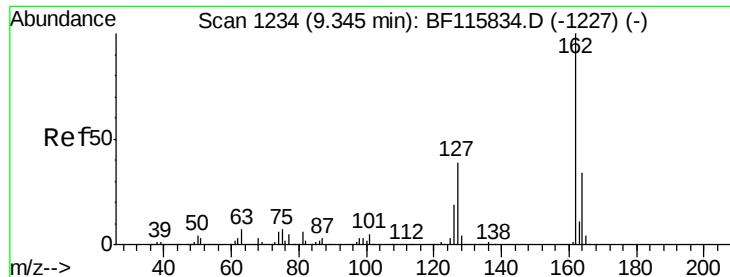
#46
1,1'-Biphenyl
Concen: 38.402 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:154 Resp: 826666
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 13.9 0.0 33.9



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

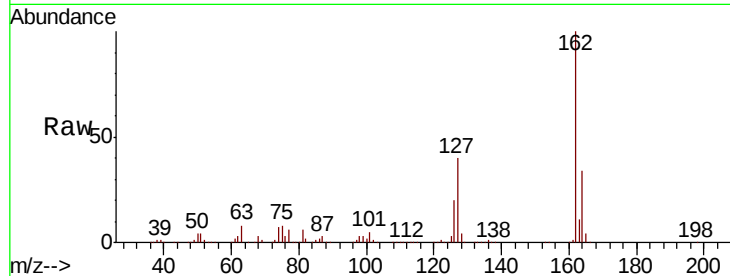




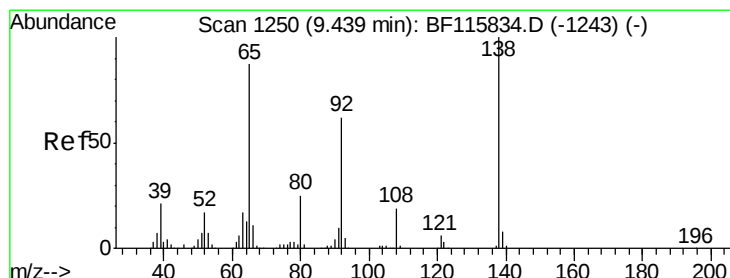
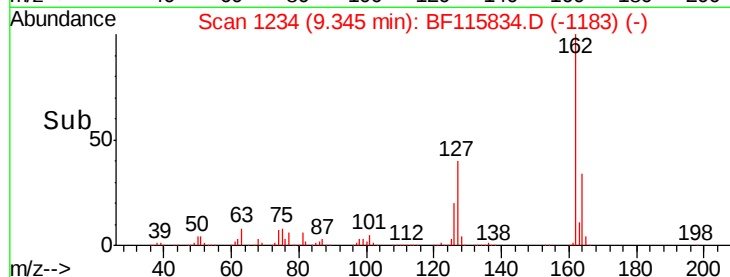
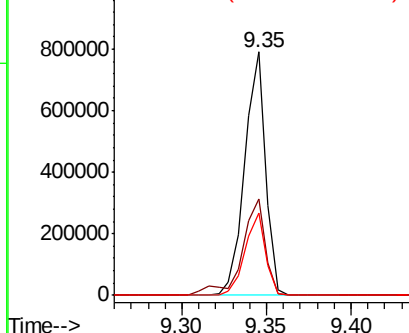
#47
 2-Chloronaphthalene
 Concen: 38.103 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.7	47.5
164	33.7	27.0	40.4

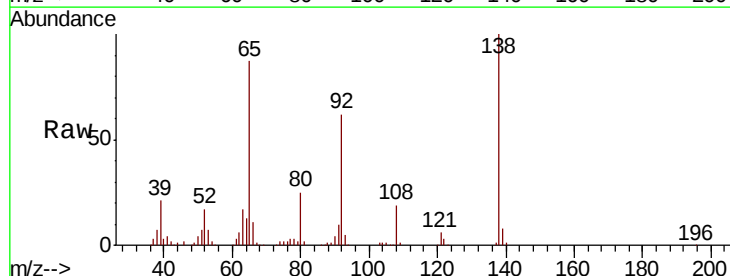


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

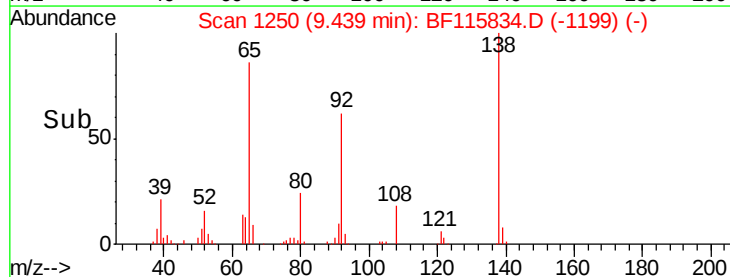
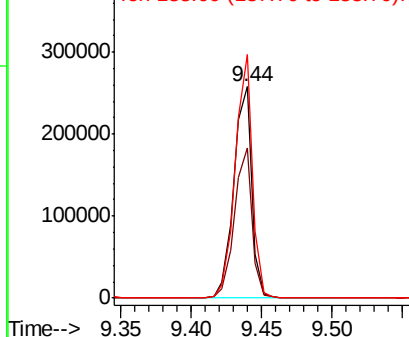


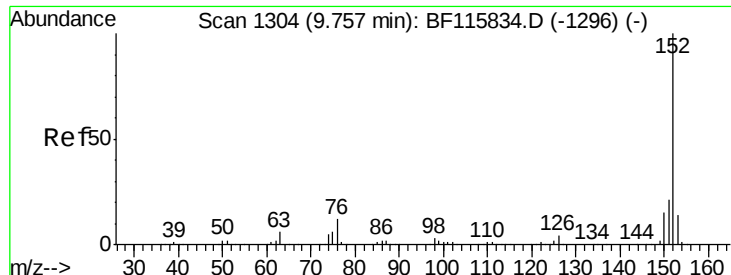
#48
 2-Nitroaniline
 Concen: 41.306 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.0	85.6
138	115.4	92.3	138.5



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





#49

Acenaphthylene

Concen: 39.254 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampled :

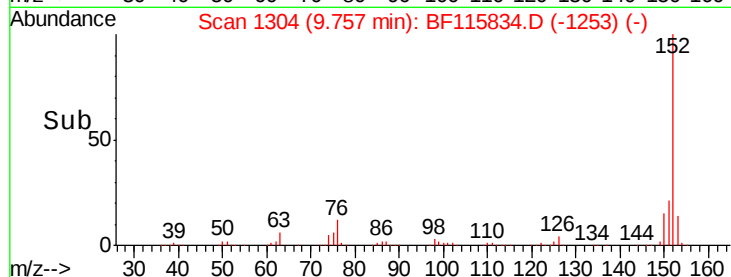
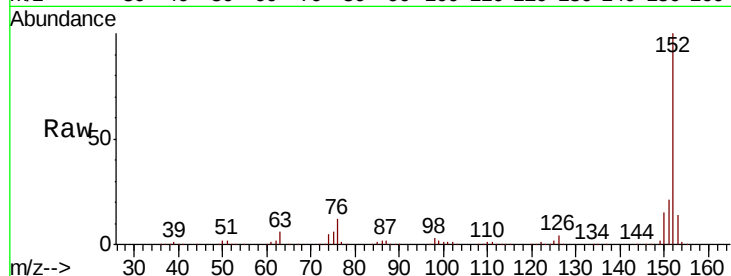
Tot Ion:152 Resp: 1042564

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

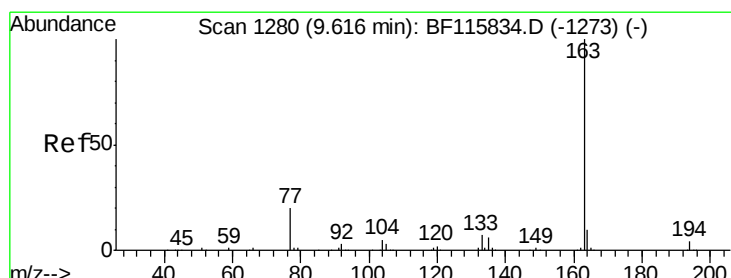
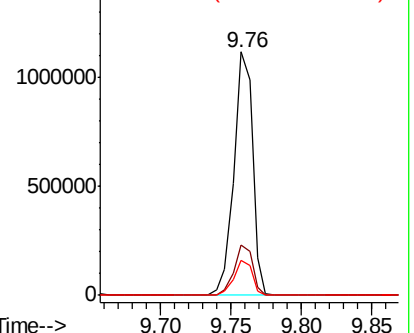
153 14.4 11.5 17.3



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: 37.334 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

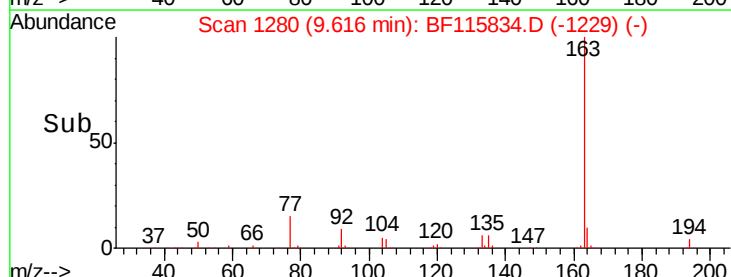
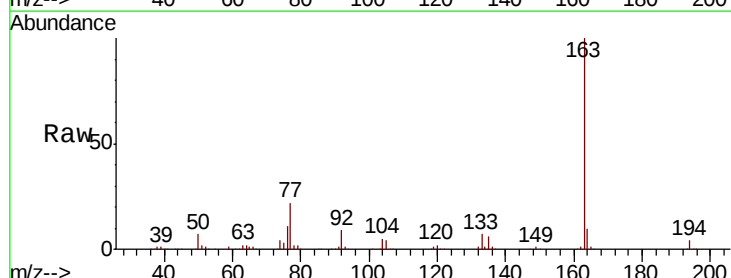
Tgt Ion:163 Resp: 773430

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

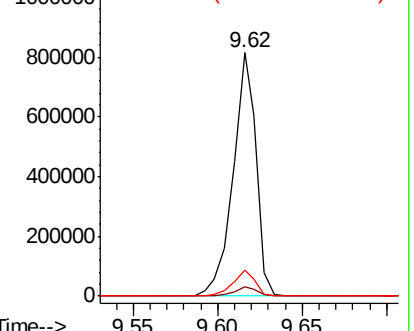
164 10.5 8.4 12.6

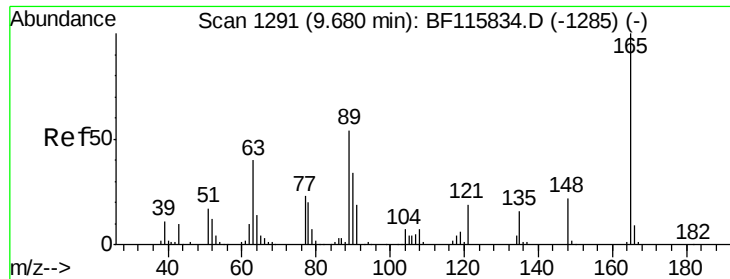


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

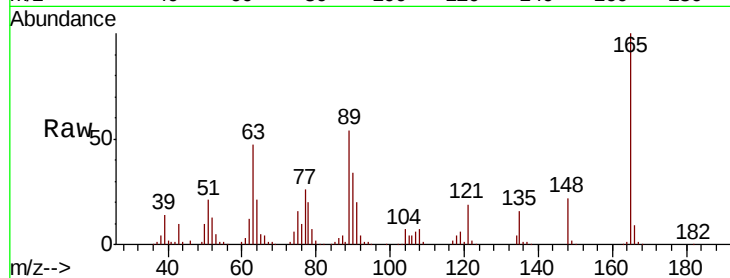




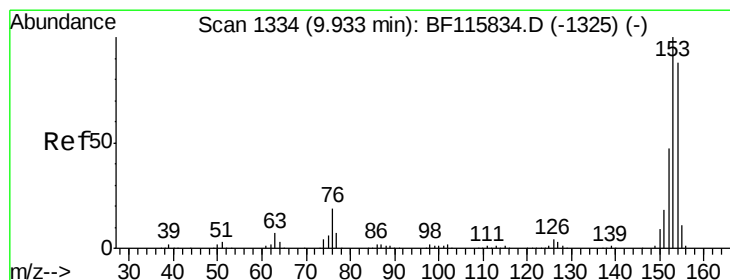
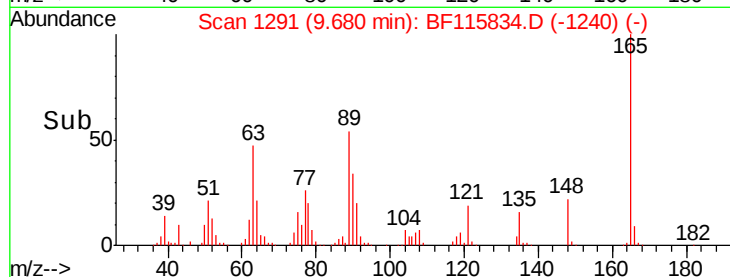
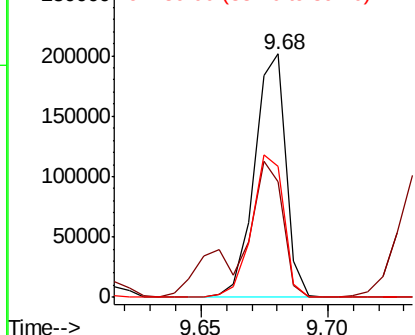
#51
 2,6-Dinitrotoluene
 Concen: 36.955 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 173983
 Ion Ratio Lower Upper
 165 100
 63 47.3 37.8 56.8
 89 53.8 43.0 64.6

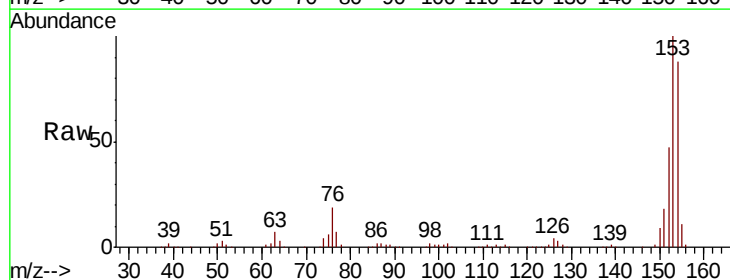


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

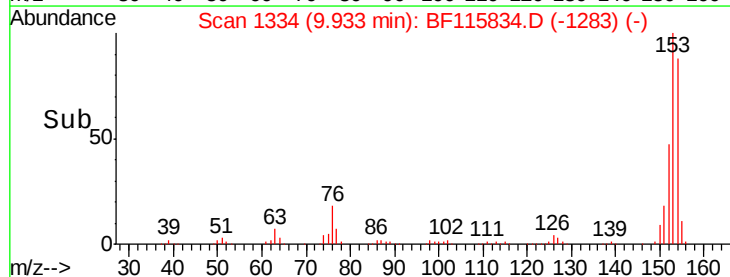
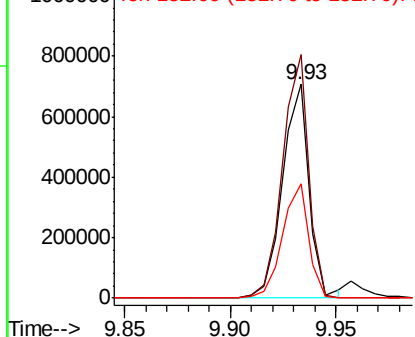


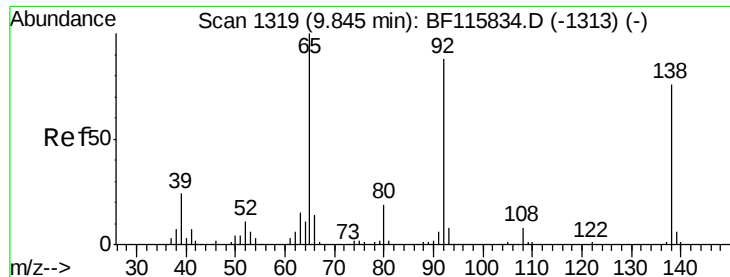
#52
 Acenaphthene
 Concen: 36.292 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:154 Resp: 622314
 Ion Ratio Lower Upper
 154 100
 153 113.8 91.0 136.6
 152 53.3 42.6 64.0



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

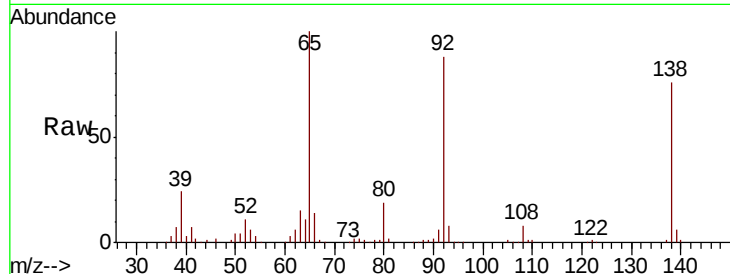




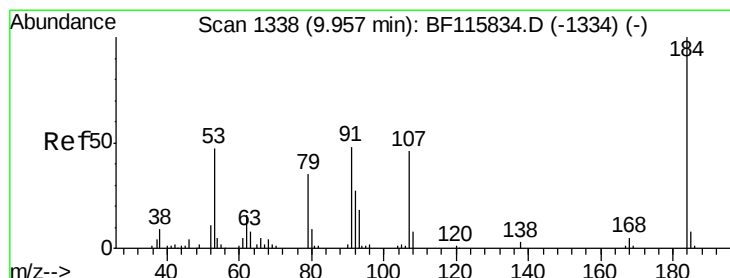
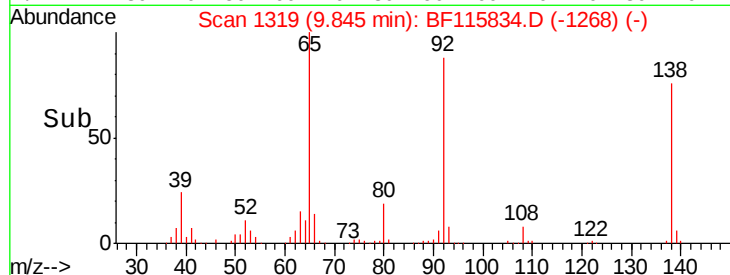
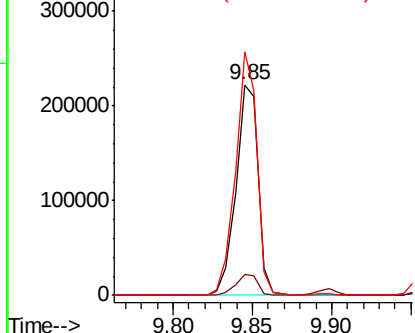
#53
3-Nitroaniline
Concen: 40.154 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 216032
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 115.4 92.3 138.5

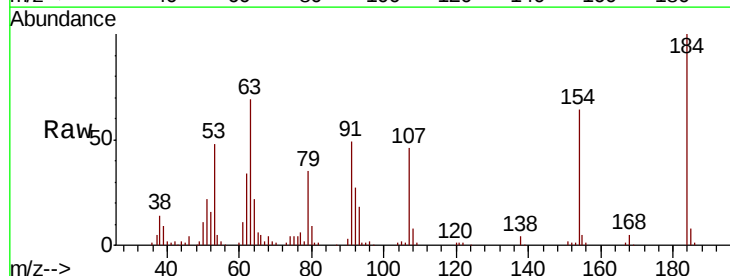


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

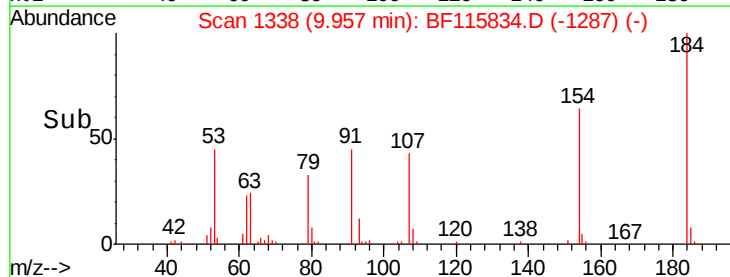
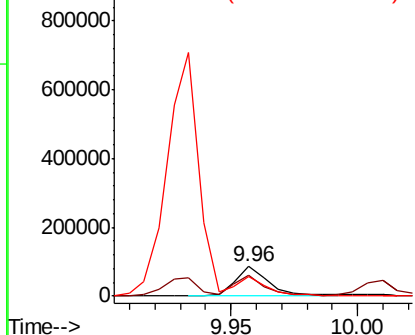


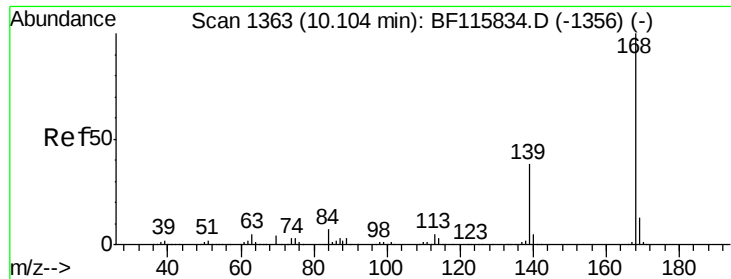
#54
2,4-Dinitrophenol
Concen: 32.052 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:184 Resp: 77476
Ion Ratio Lower Upper
184 100
63 69.3 55.4 83.2
154 64.3 51.4 77.2



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

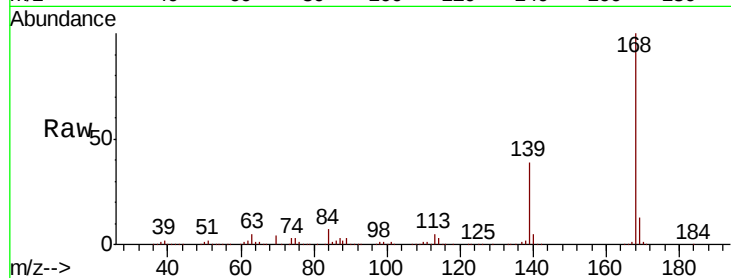




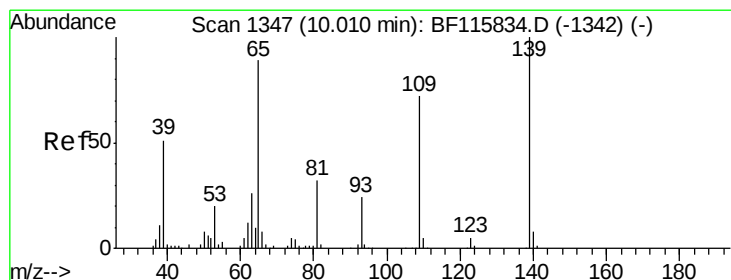
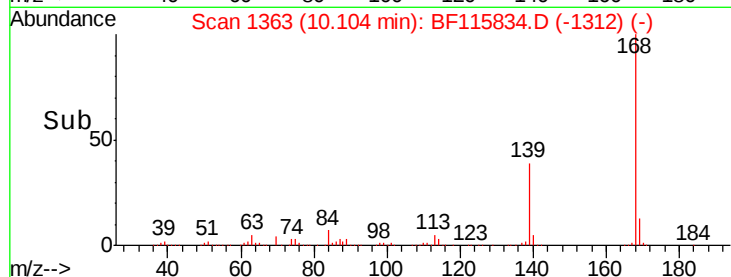
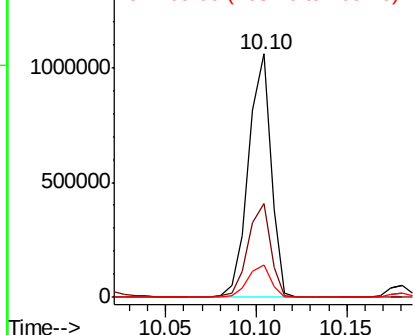
#55
Dibenzenofuran
Concen: 37.706 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 918188
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 13.5 10.8 16.2

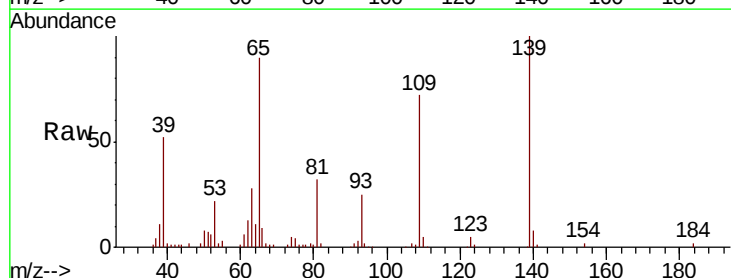


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

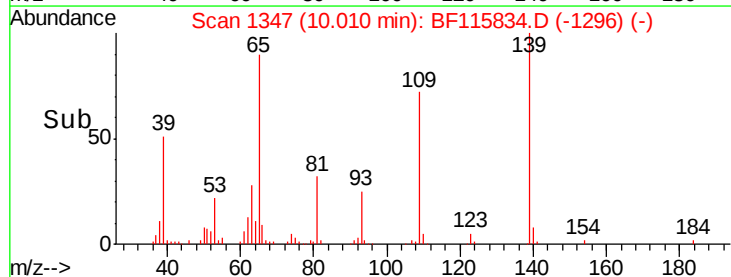
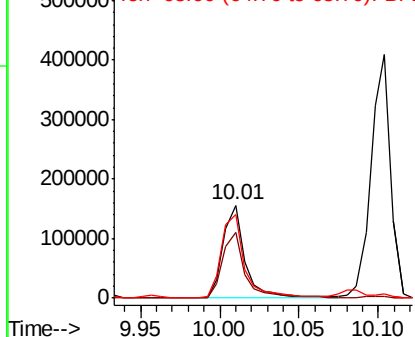


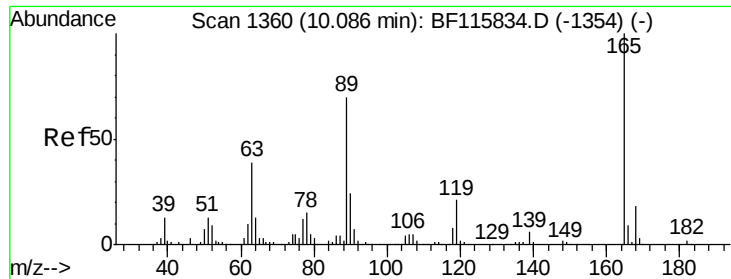
#56
4-Nitrophenol
Concen: 37.179 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:139 Resp: 152530
Ion Ratio Lower Upper
139 100
109 71.5 51.5 91.5
65 89.7 69.7 109.7



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

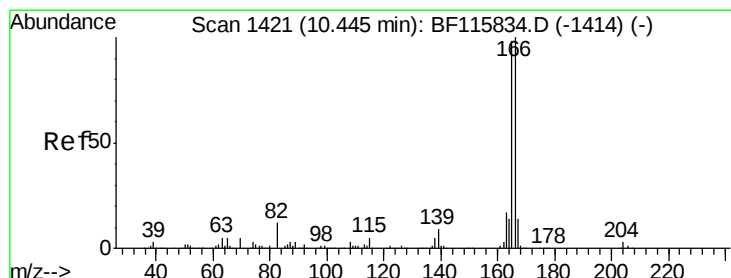
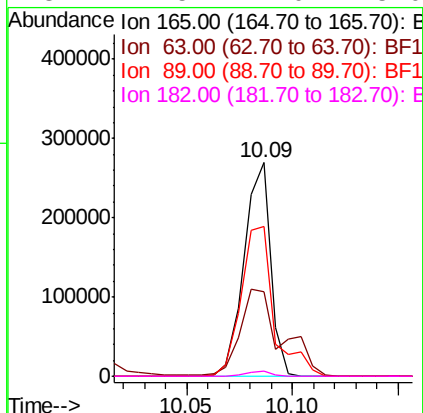
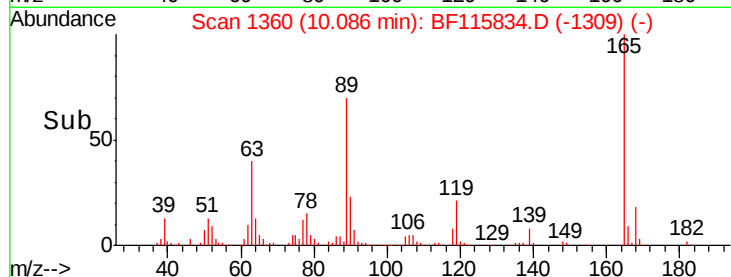
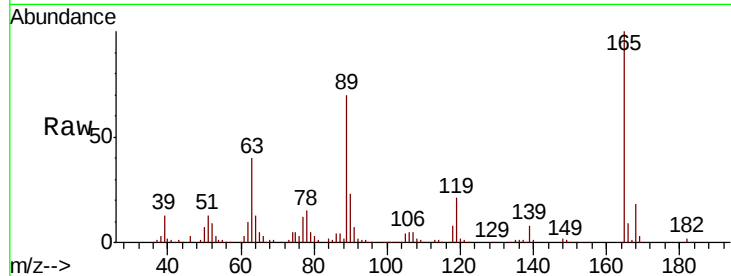




#57
2,4-Dinitrotoluene
Concen: 38.568 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

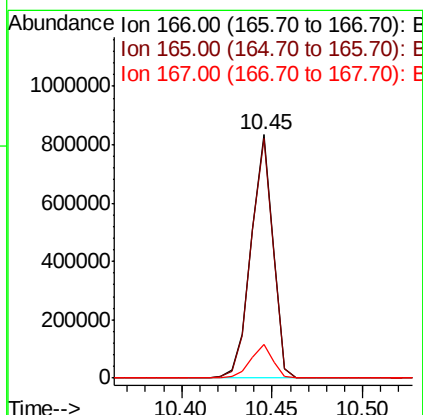
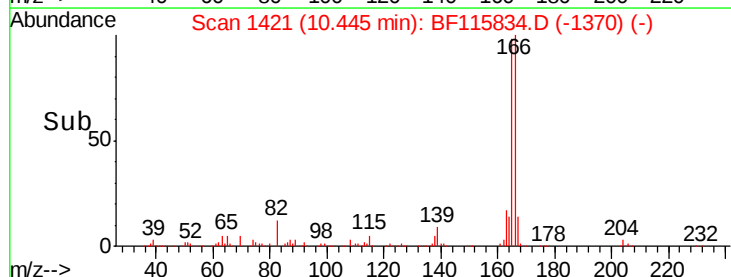
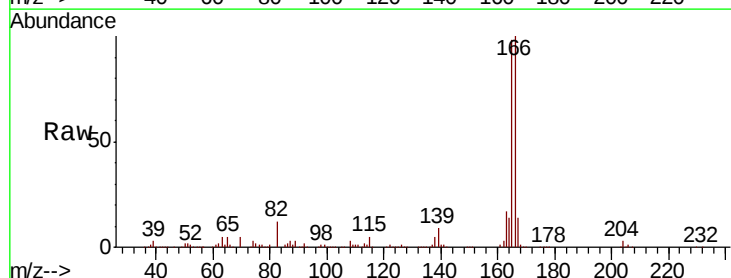
Instrument :
BNA_F
ClientSampleId :

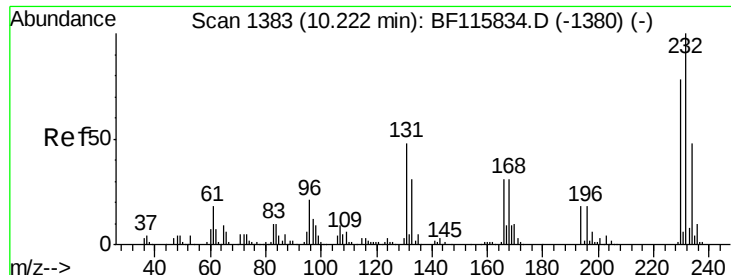
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	31.8	47.6
89	70.3	56.2	84.4
182	2.5	2.0	3.0



#58
Fluorene
Concen: 40.163 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.7	11.0	16.4

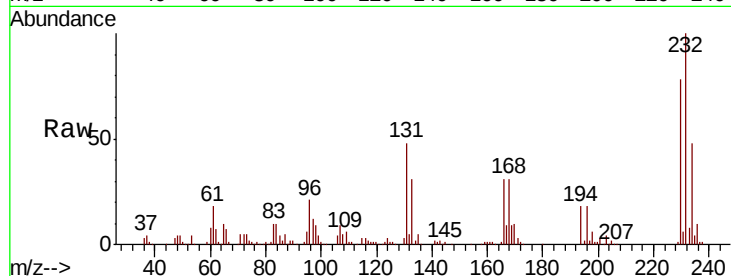




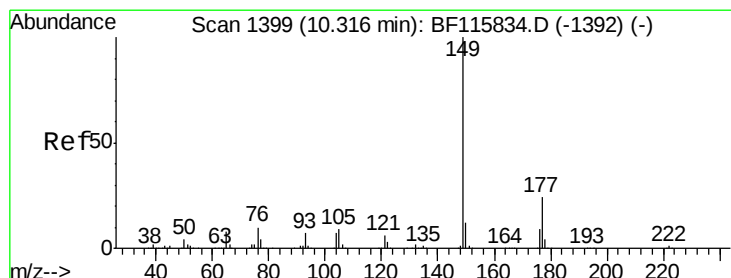
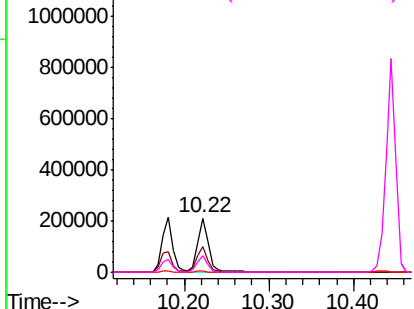
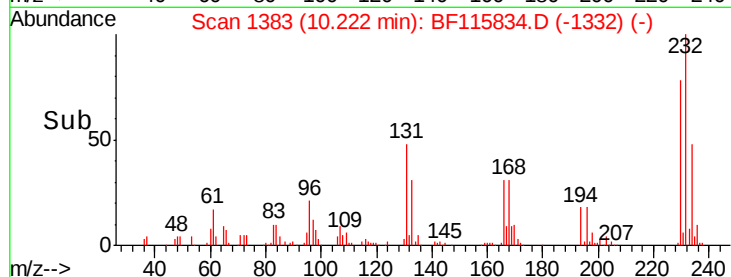
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.212 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 187982
 Ion Ratio Lower Upper
 232 100
 131 46.1 36.9 55.3
 130 2.3 1.8 2.8
 166 29.7 23.8 35.6

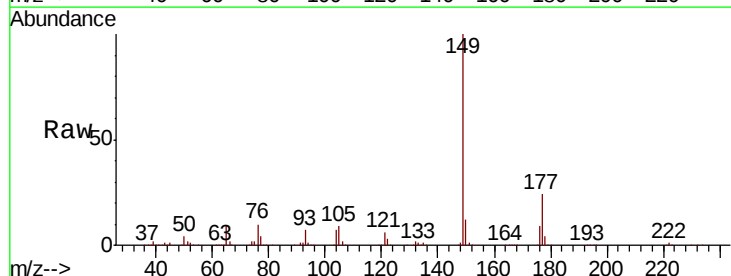


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

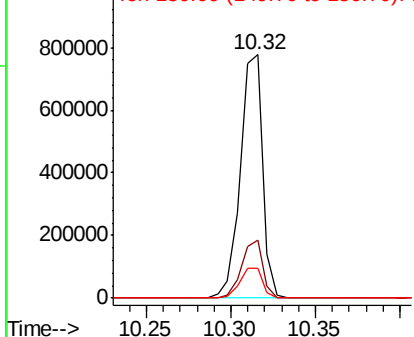
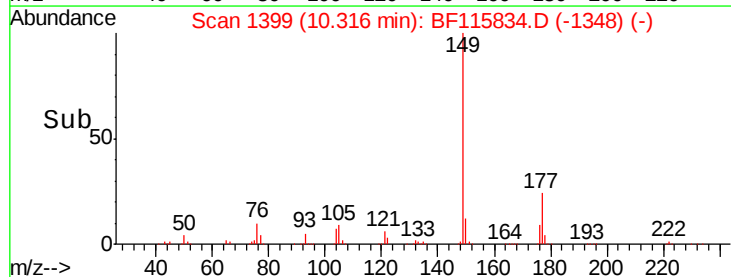


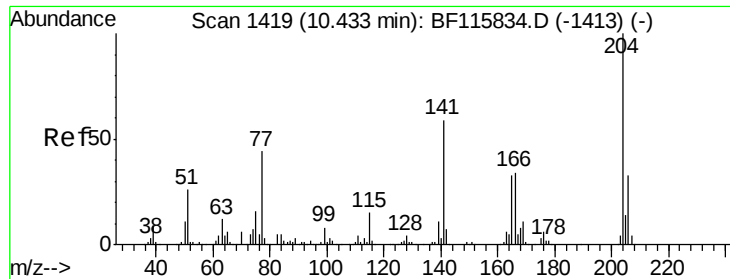
#60
 Diethylphthalate
 Concen: 36.732 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:149 Resp: 712991
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.9 28.3
 150 12.3 9.8 14.8



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

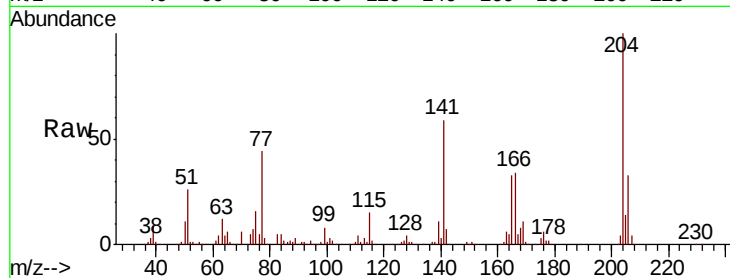




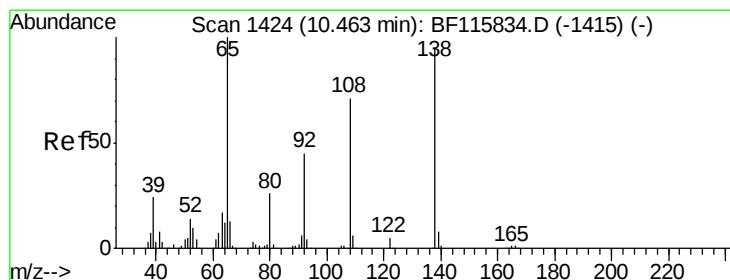
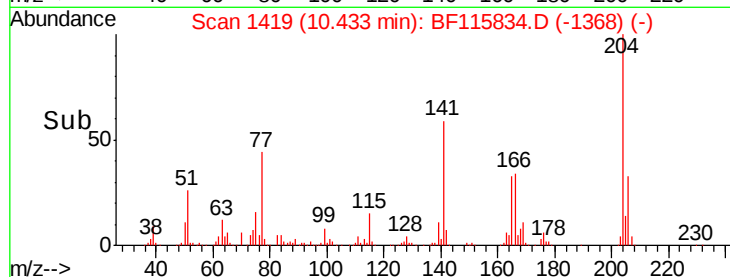
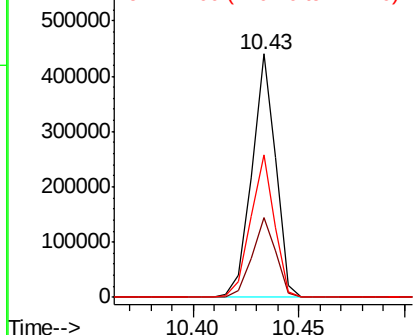
#61
4-Chlorophenyl-phenylether
Concen: 35.745 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 345076
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 58.5 46.8 70.2

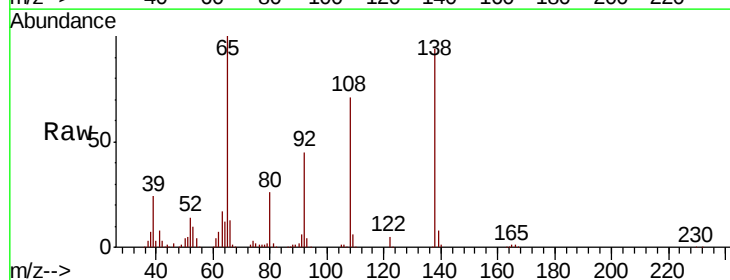


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

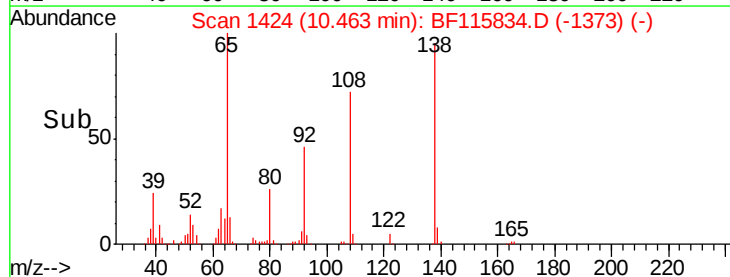
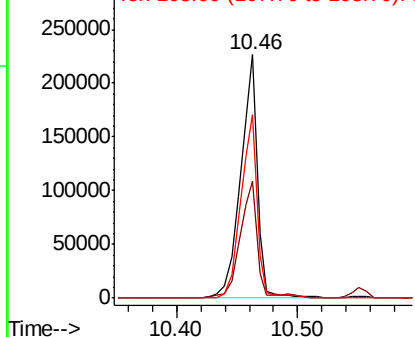


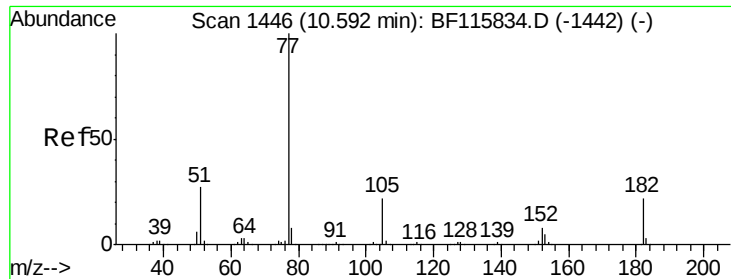
#62
4-Nitroaniline
Concen: 42.922 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:138 Resp: 221508
Ion Ratio Lower Upper
138 100
92 48.1 28.1 68.1
108 75.5 55.5 95.5



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

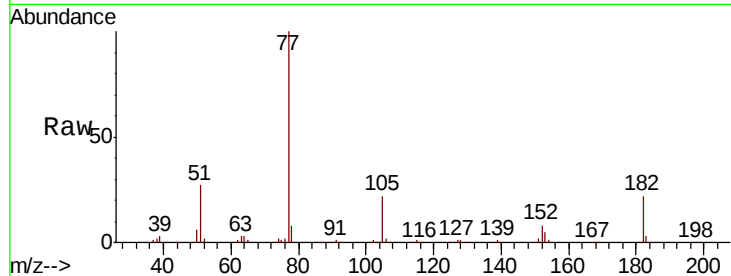




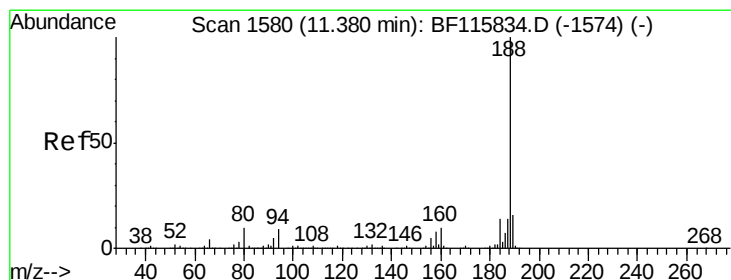
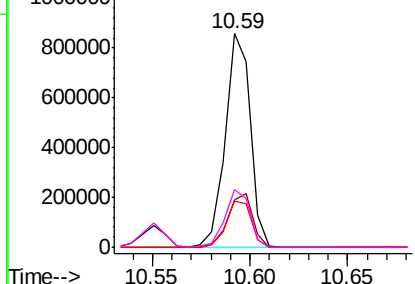
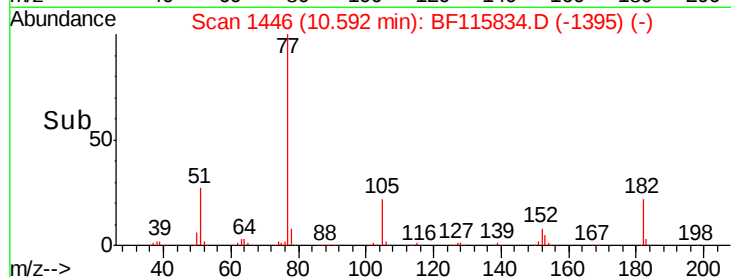
#63
Azobenzene
Concen: 40.322 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.2	2.2	42.2	
105	21.8	1.8	41.8	
51	27.2	7.2	47.2	

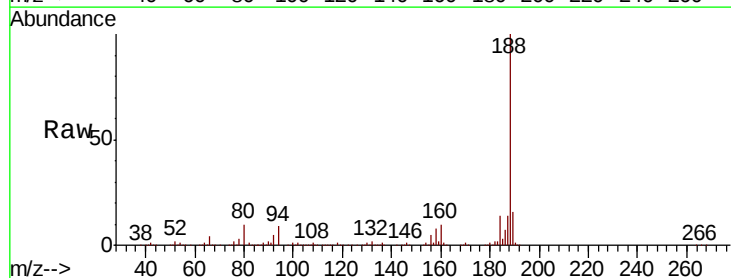


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

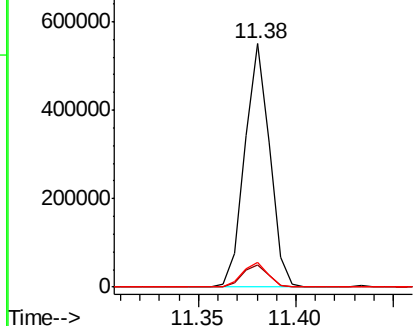
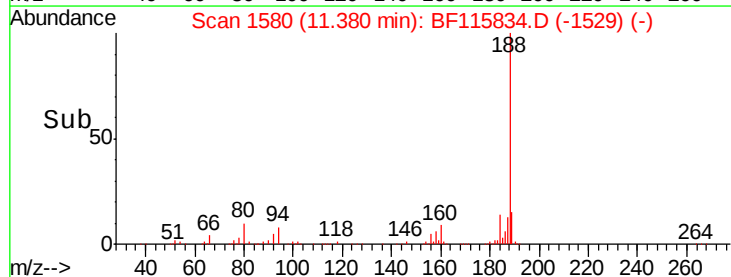


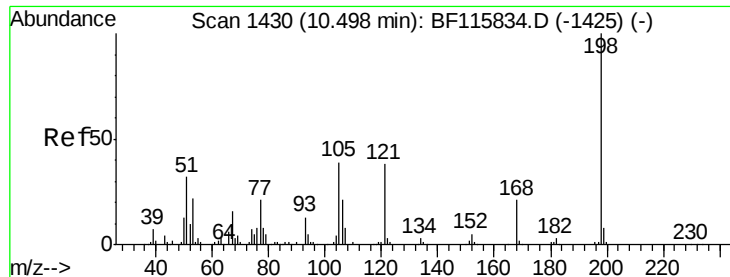
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.4	11.2	
80	10.1	8.1	12.1	



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

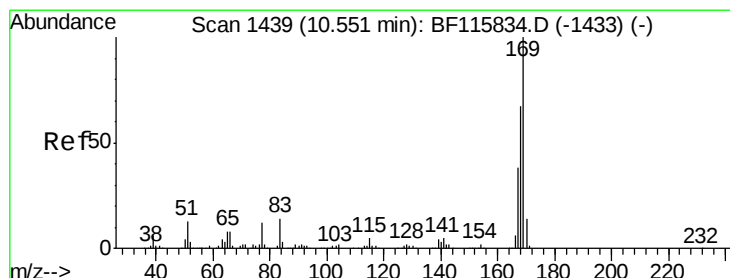
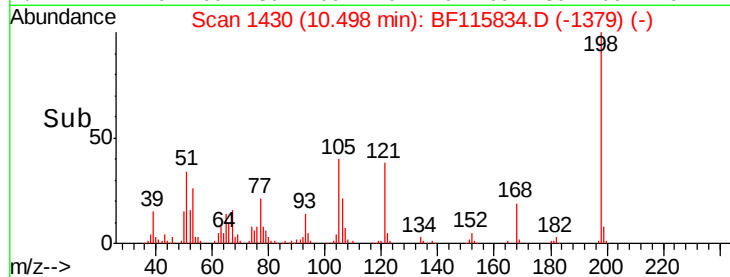
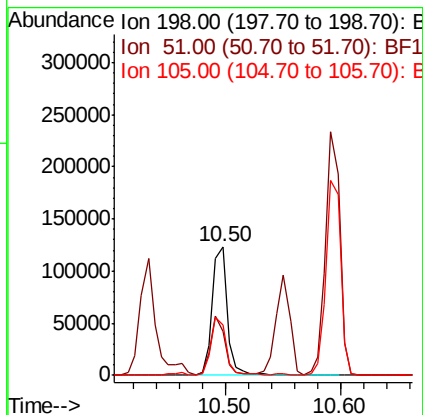
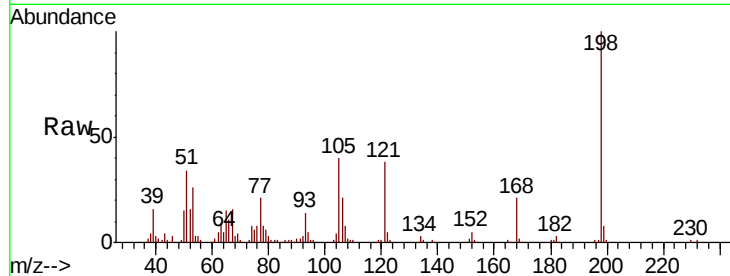




#65
4,6-Dinitro-2-methylphenol
Concen: 37.862 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

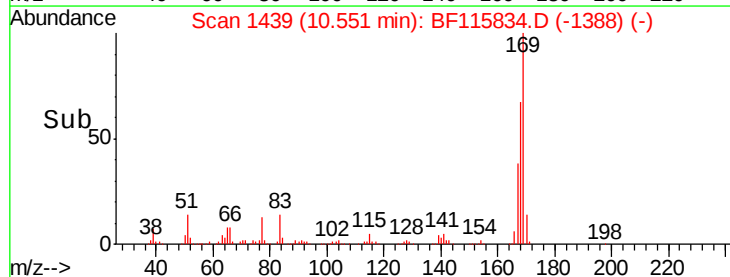
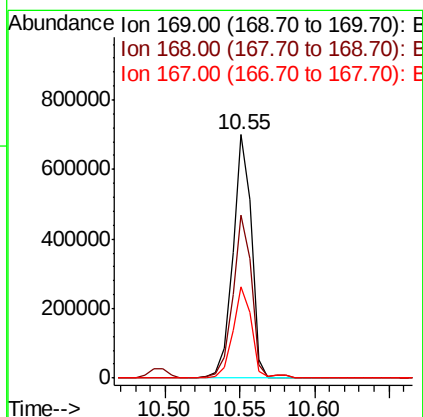
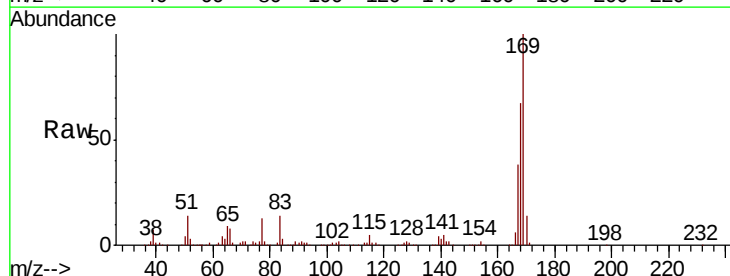
Instrument :
BNA_F
ClientSampleId :

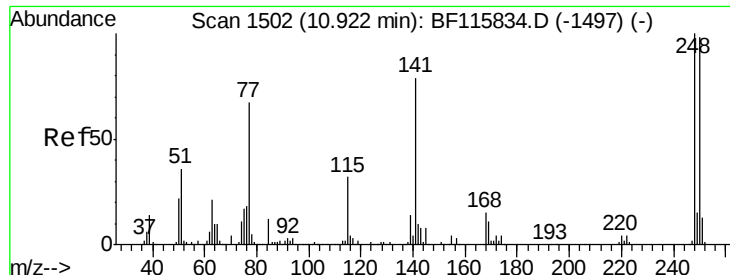
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.3	54.3
105	39.5	19.5	59.5



#66
n-Nitrosodiphenylamine
Concen: 40.587 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	37.7	30.2	45.2

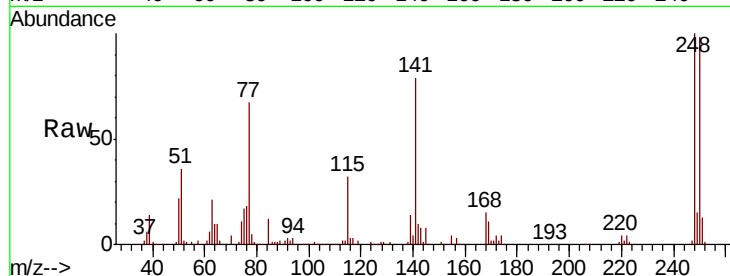




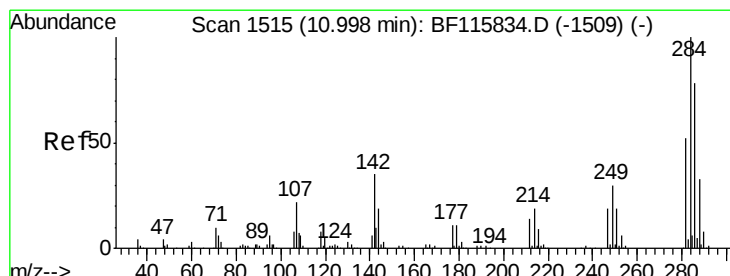
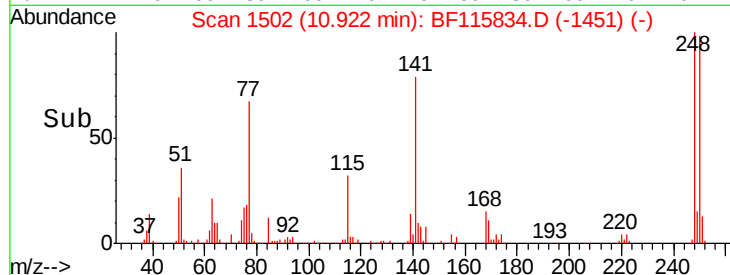
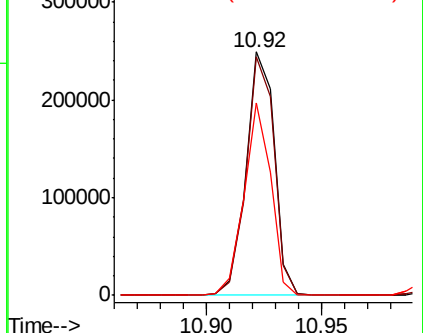
#67
4-Bromophenyl-phenylether
Concen: 38.523 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 214889
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 78.8 63.0 94.6

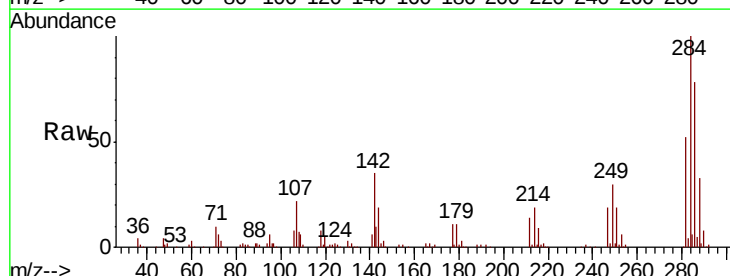


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

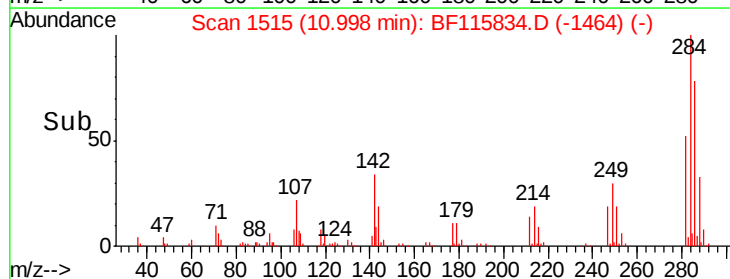
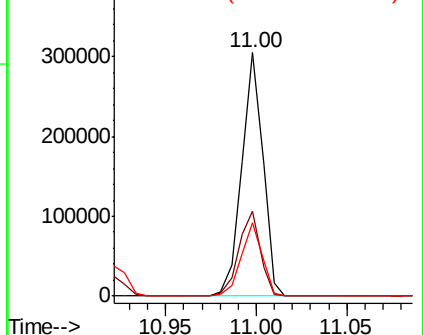


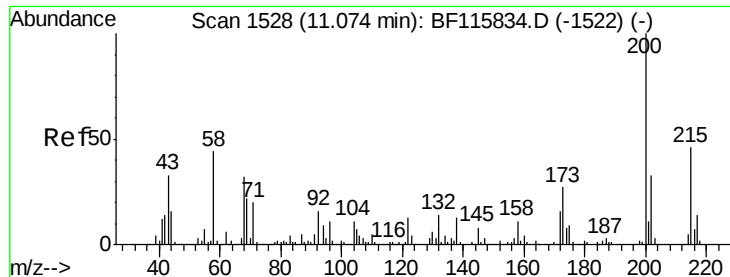
#68
Hexachlorobenzene
Concen: 38.842 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:284 Resp: 247436
Ion Ratio Lower Upper
284 100
142 34.6 27.7 41.5
249 30.3 24.2 36.4



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

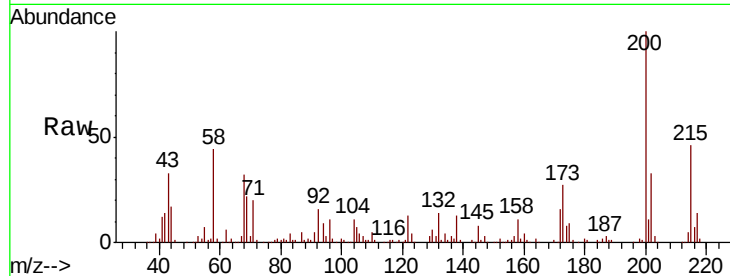




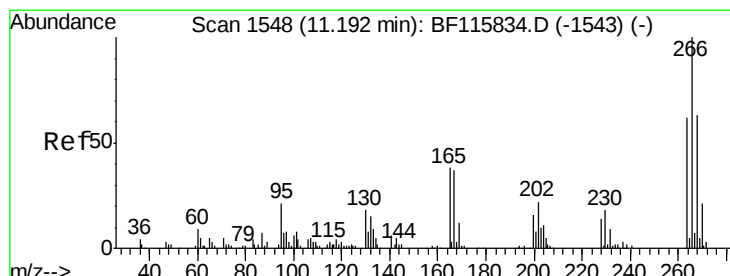
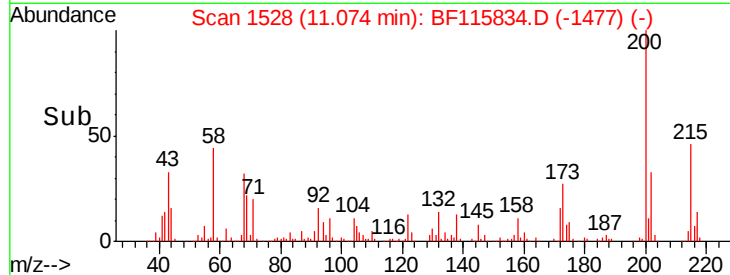
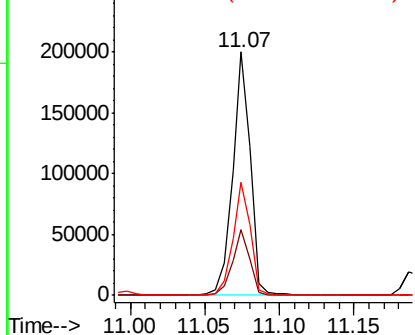
#69
 Atrazine
 Concen: 33.444 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 166592
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.1 47.1
 215 46.4 26.4 66.4

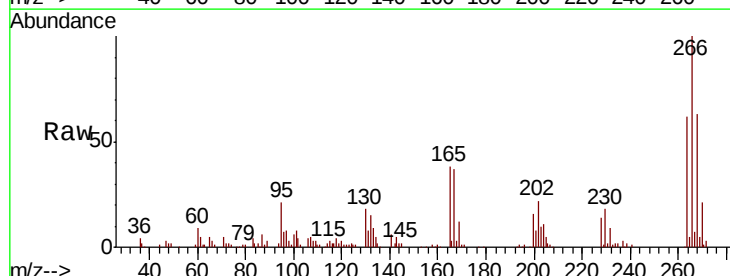


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

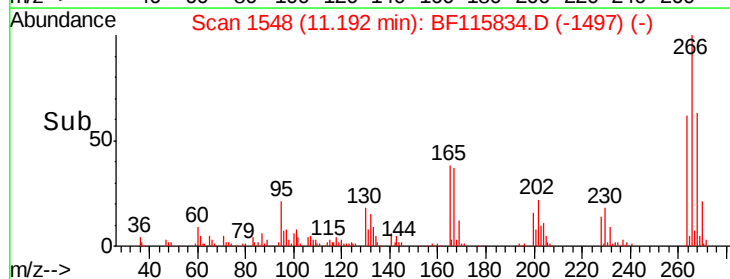
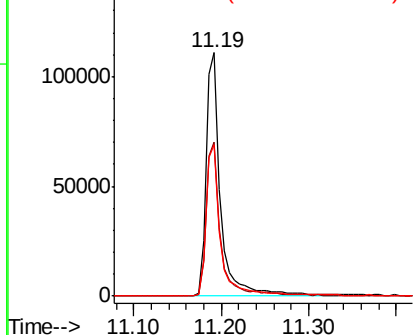


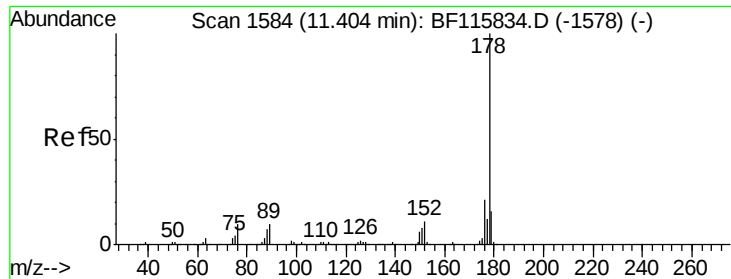
#70
 Pentachlorophenol
 Concen: 33.005 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:266 Resp: 128595
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.6 76.0
 264 62.2 49.8 74.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

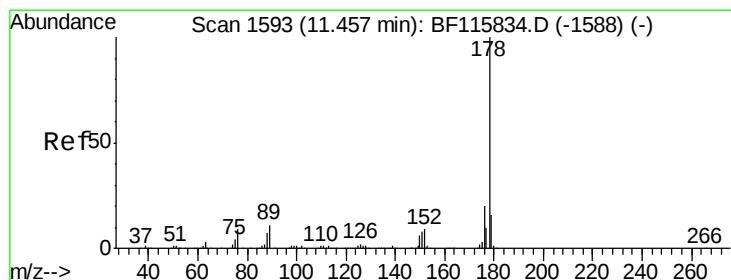
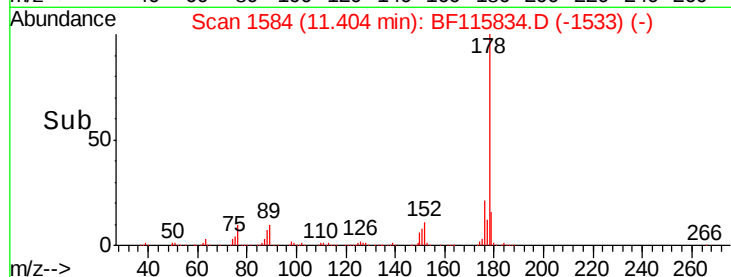
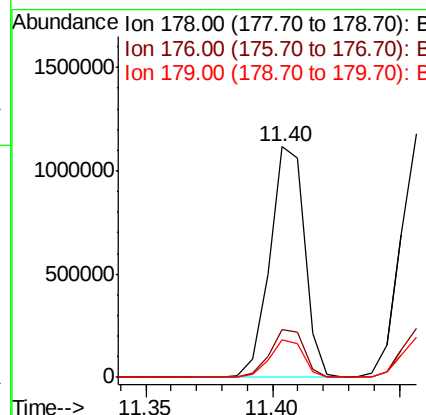
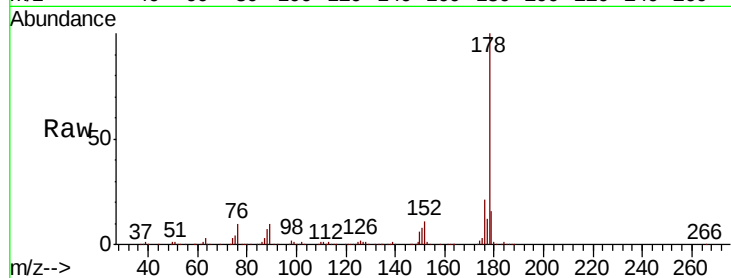




#71
Phenanthrene
Concen: 42.330 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

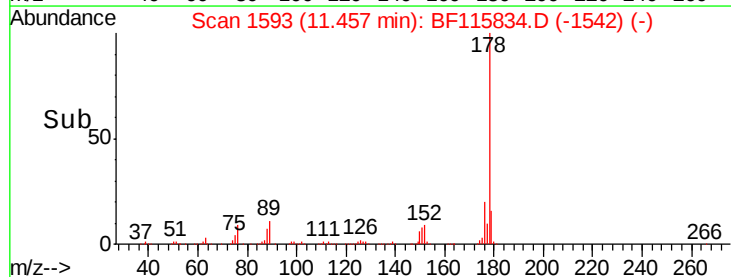
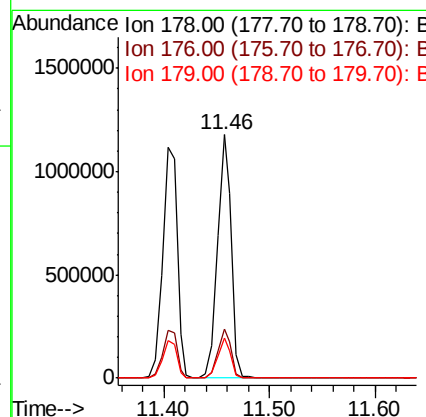
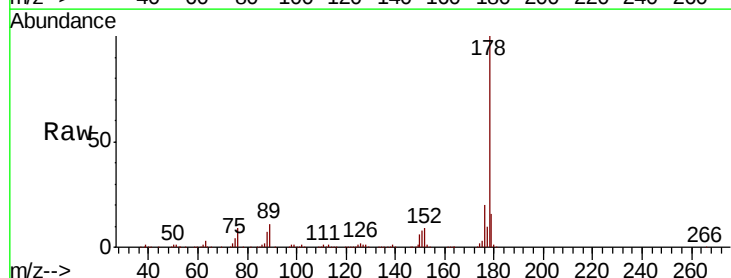
Instrument :
BNA_F
ClientSampleId :

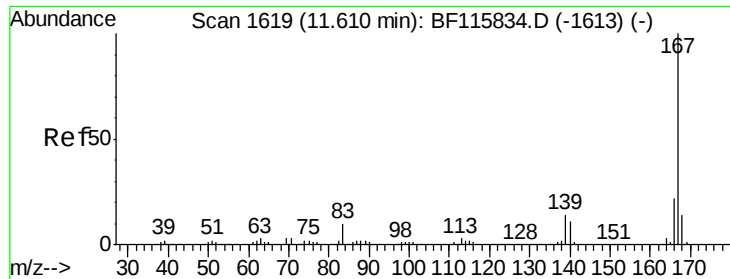
Tot Ion:178 Resp: 1059151
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.2 13.0 19.4



#72
Anthracene
Concen: 42.188 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:178 Resp: 1090916
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.2 13.0 19.4

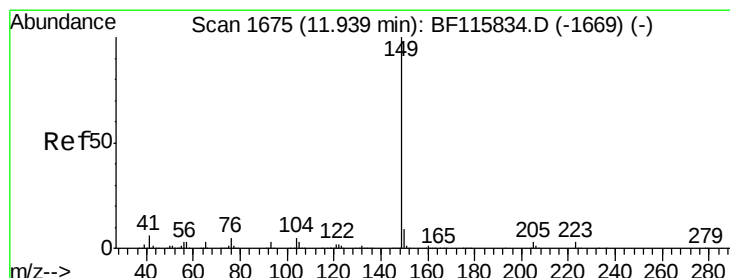
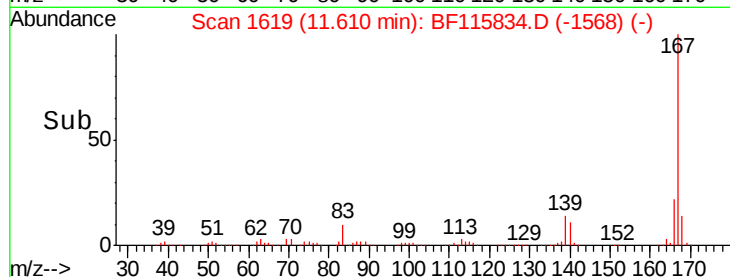
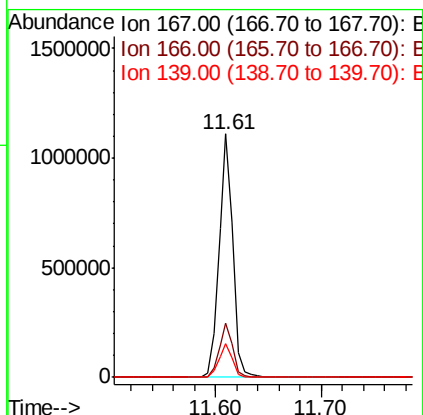
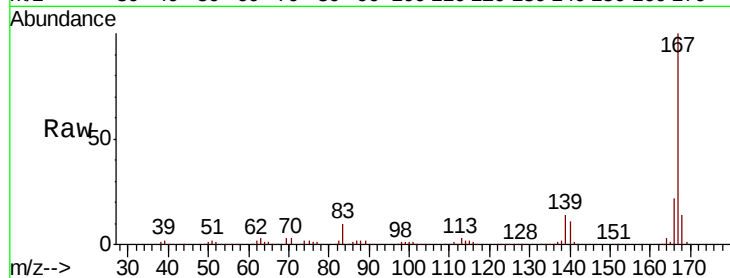




#73
 Carbazole
 Concen: 45.120 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

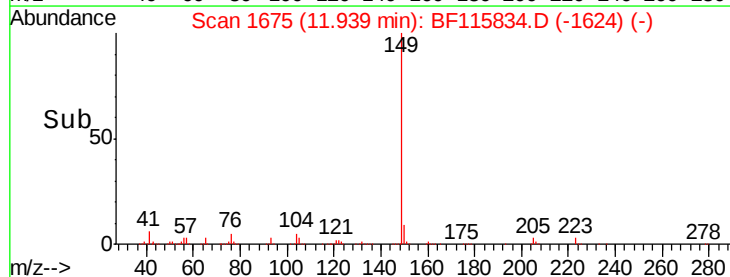
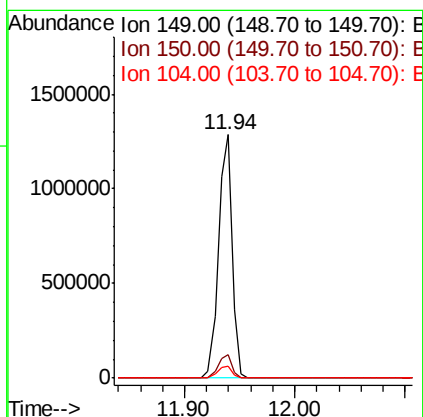
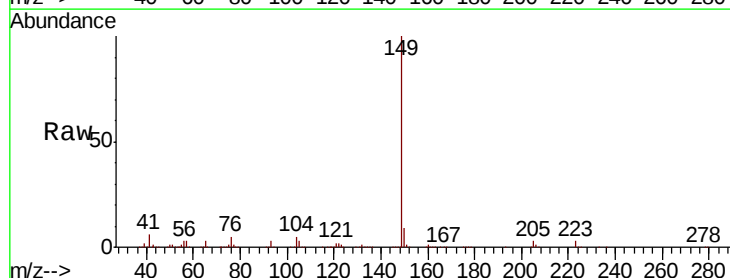
Instrument :
 BNA_F
 ClientSampleId :

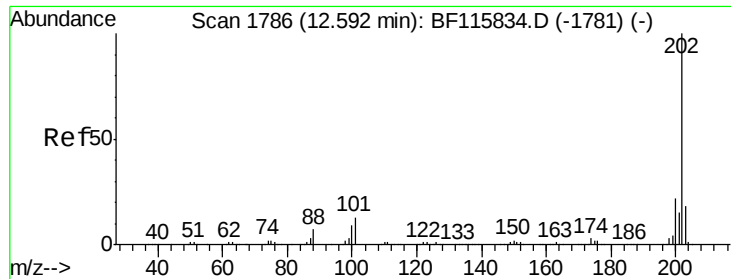
Tot Ion:167 Resp: 1023132
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 39.302 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:149 Resp: 1097776
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 43.137 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

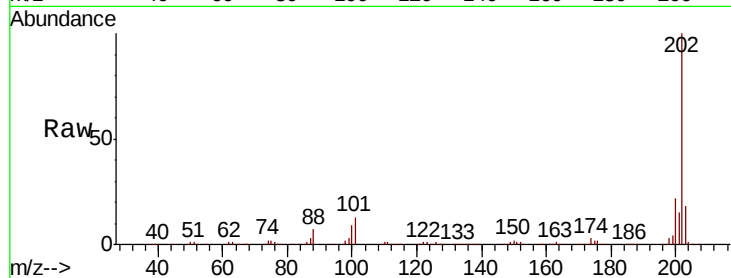
Tot Ion:202 Resp: 1140586

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

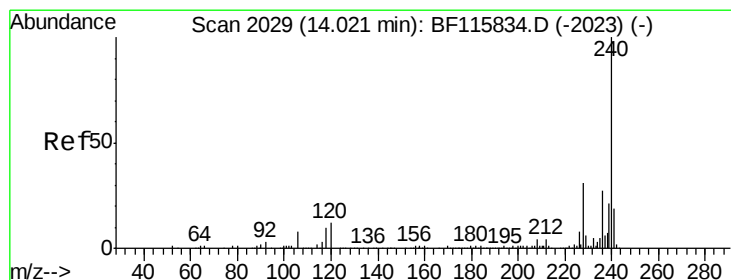
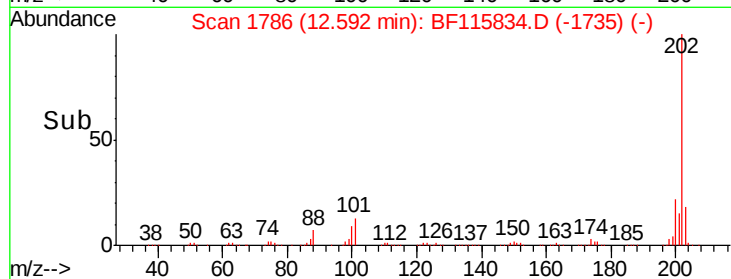
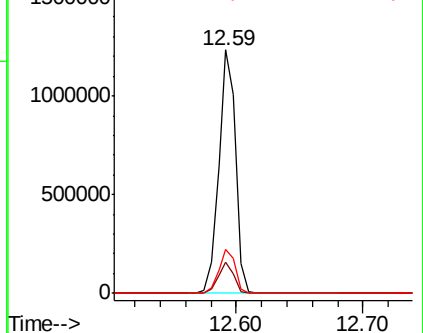
203 17.9 0.0 37.9



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. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

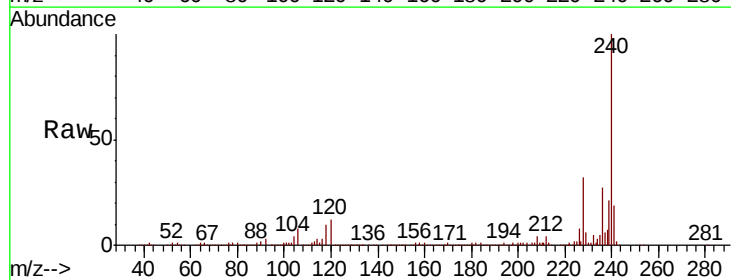
Tgt Ion:240 Resp: 397396

Ion Ratio Lower Upper

240 100

120 11.6 9.3 13.9

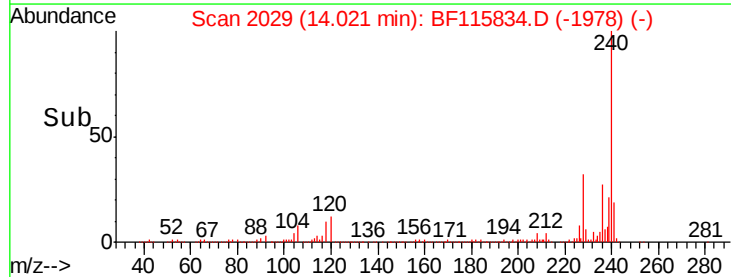
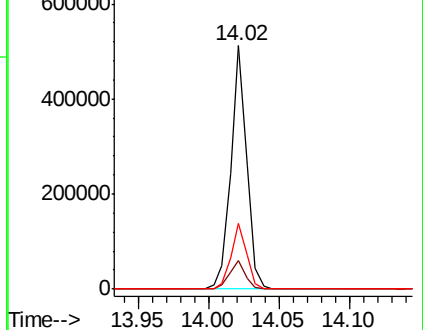
236 27.0 21.6 32.4

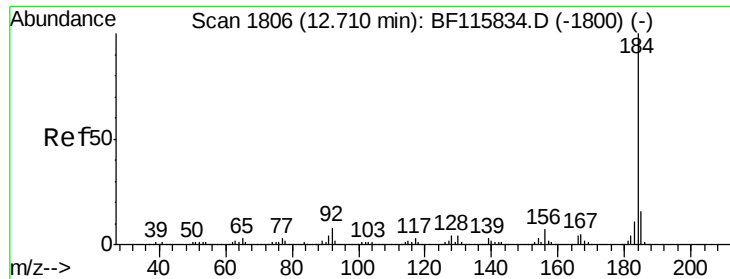


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

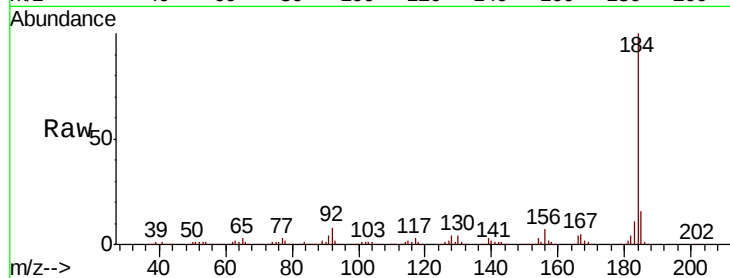




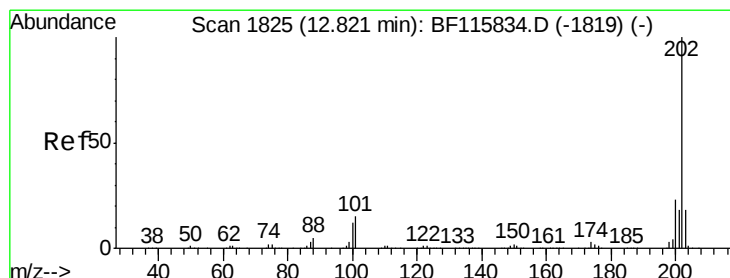
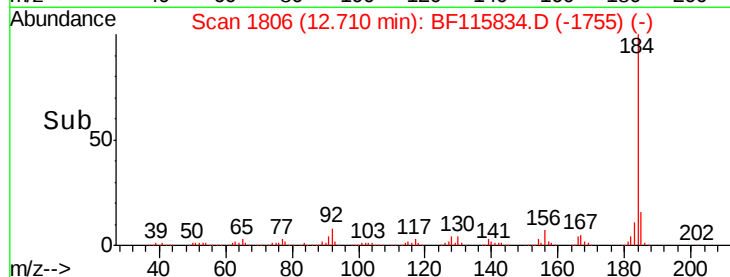
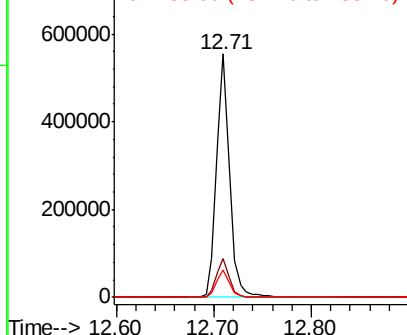
#77
Benzidine
Concen: 36.694 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 516576
Ion Ratio Lower Upper
184 100
185 15.9 12.7 19.1
183 11.3 9.0 13.6

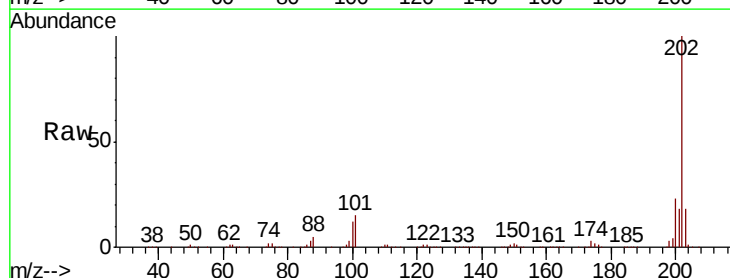


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

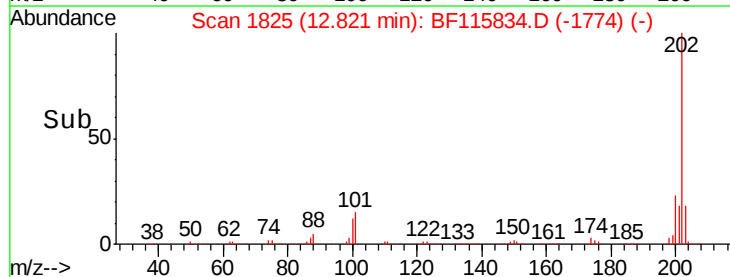
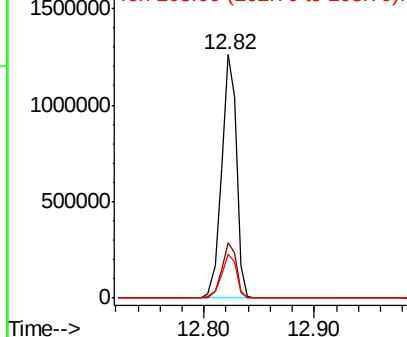


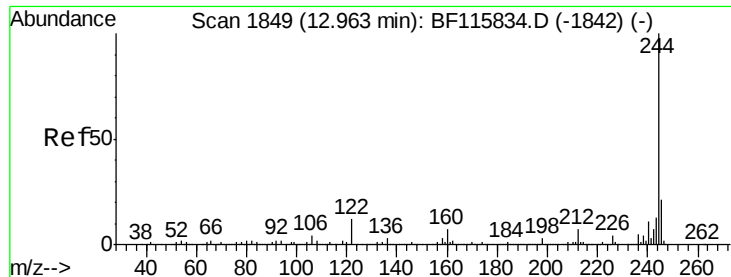
#78
Pyrene
Concen: 35.225 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:202 Resp: 1185971
Ion Ratio Lower Upper
202 100
200 22.9 18.3 27.5
203 18.2 14.6 21.8



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: 65.674 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

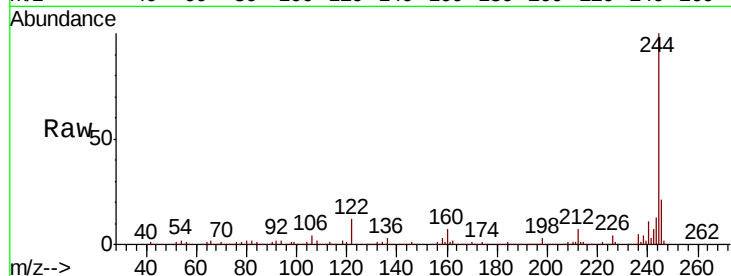
Tot Ion:244 Resp: 1414436

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

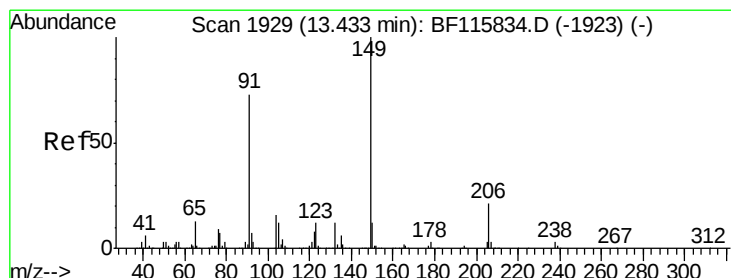
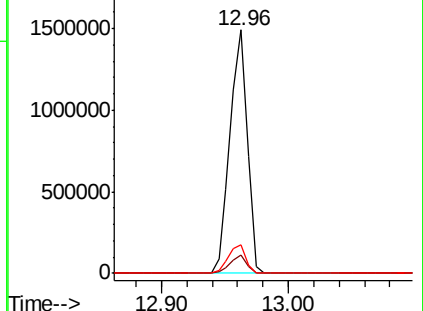
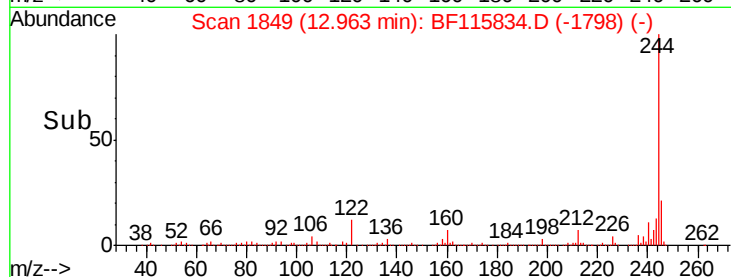
122 11.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.029 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

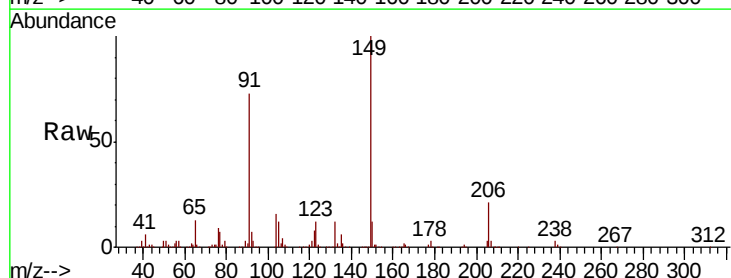
Tgt Ion:149 Resp: 474067

Ion Ratio Lower Upper

149 100

91 72.8 58.2 87.4

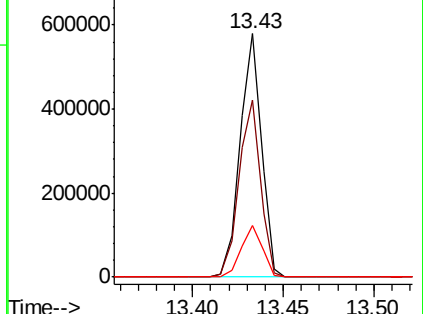
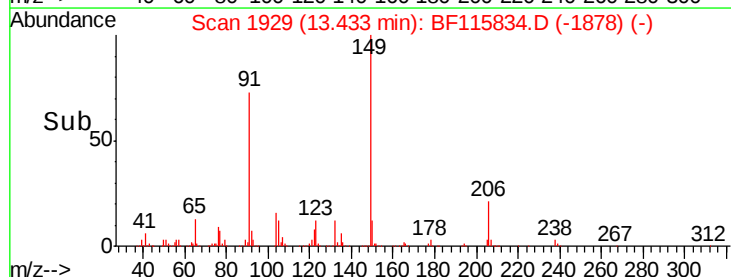
206 21.1 16.9 25.3

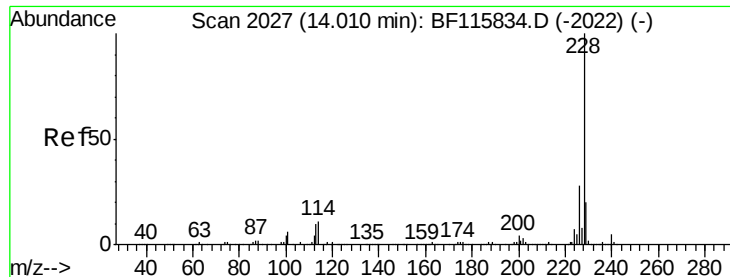


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

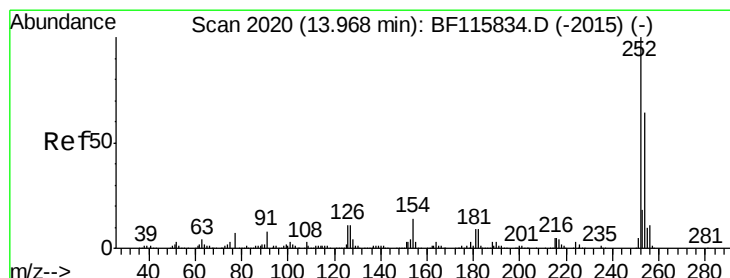
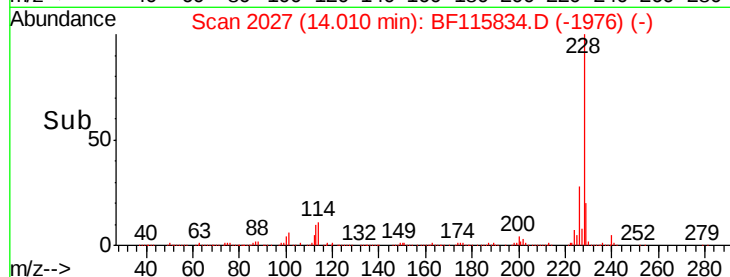
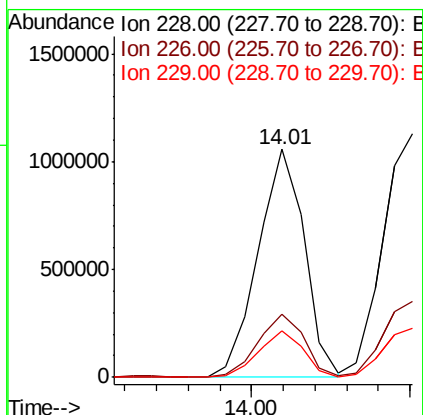
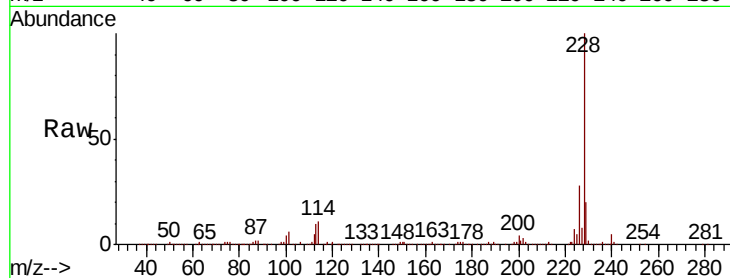




#81
Benzo(a)anthracene
Concen: 41.094 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

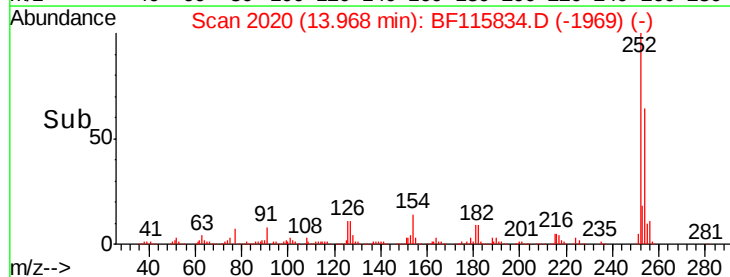
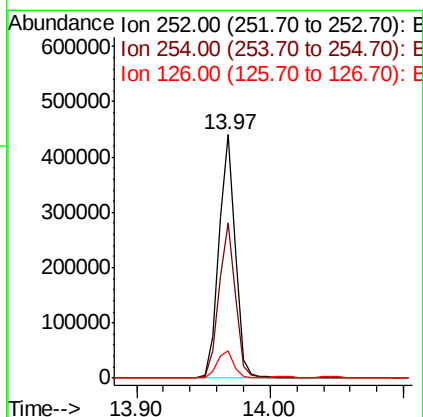
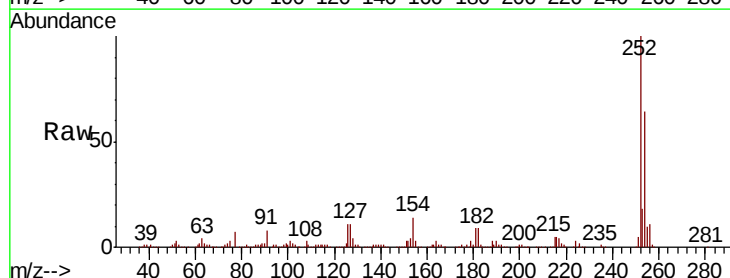
Instrument :
BNA_F
ClientSampleId :

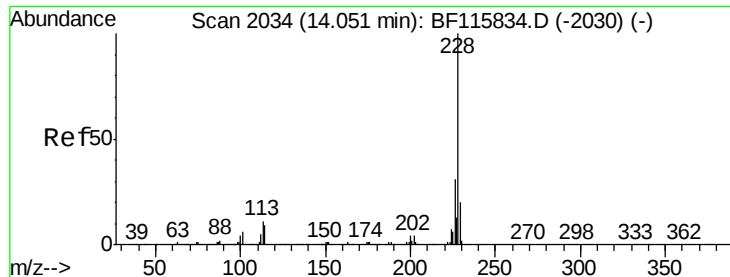
Tot Ion:228 Resp: 1075850
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.232 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:252 Resp: 383751
Ion Ratio Lower Upper
252 100
254 63.9 51.1 76.7
126 11.4 9.1 13.7



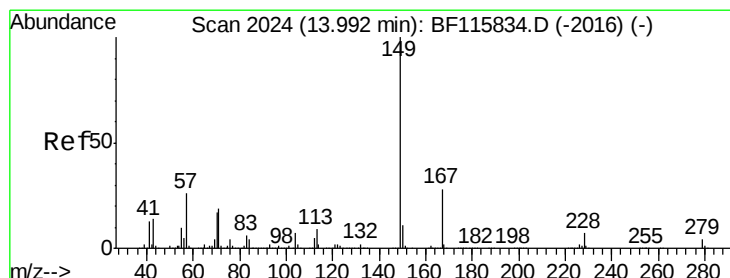
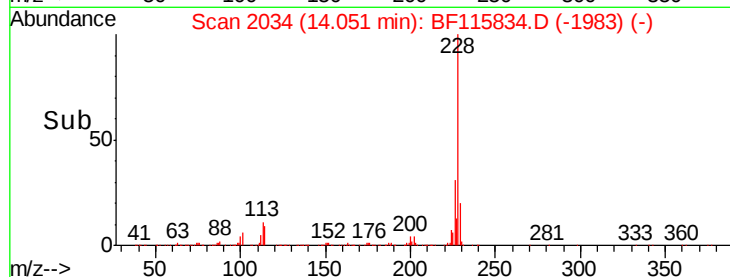
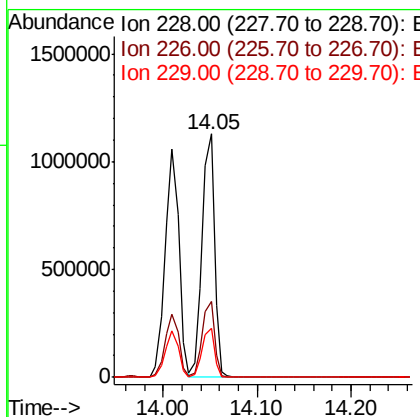
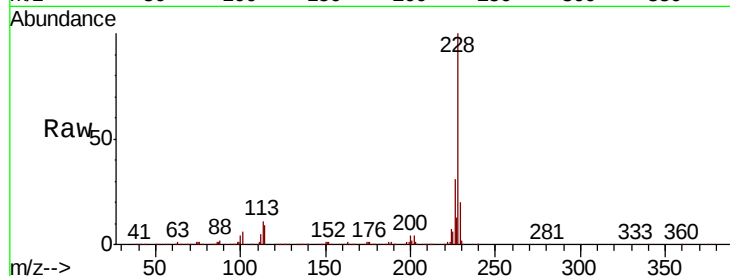


#83
 Chrvsene
 Concen: 39.930 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1049431

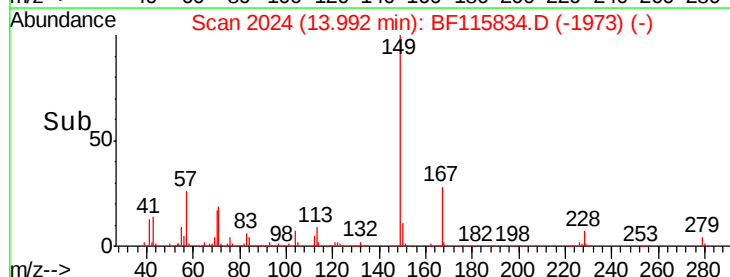
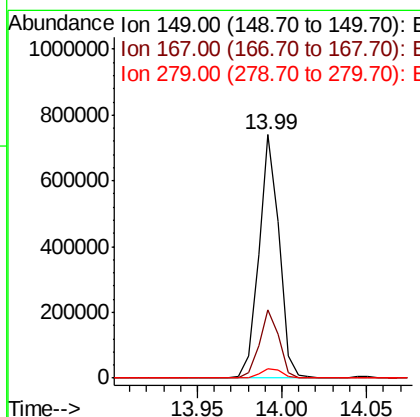
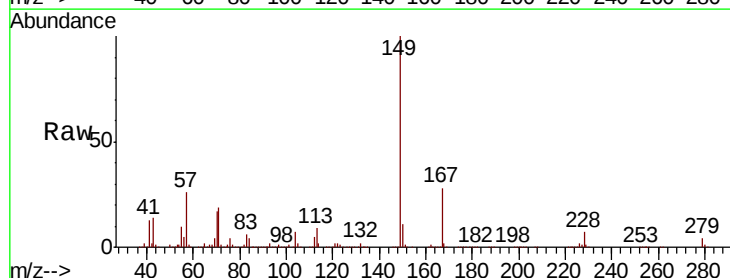
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	16.0	24.0

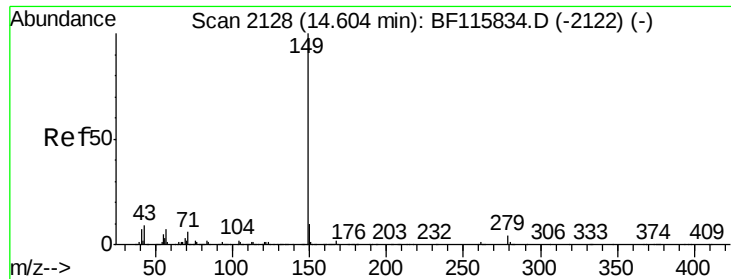


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.763 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 11:31

Tgt Ion:149 Resp: 618033

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 37.386 ng

RT: 14.60 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

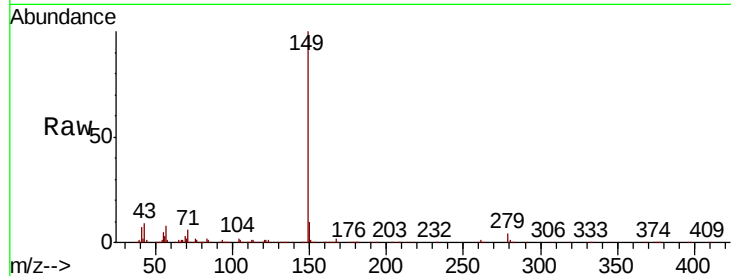
Tot Ion:149 Resp: 1057552

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

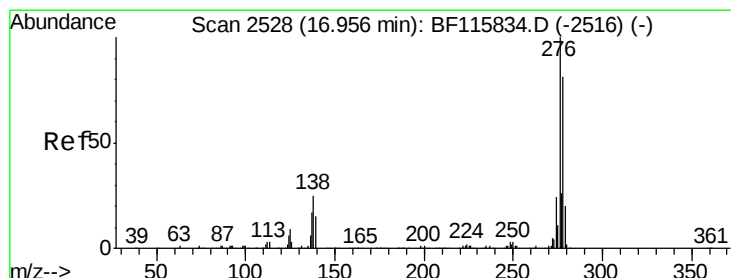
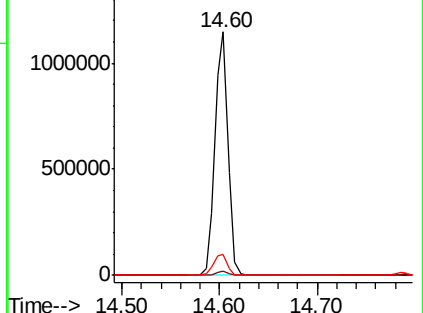
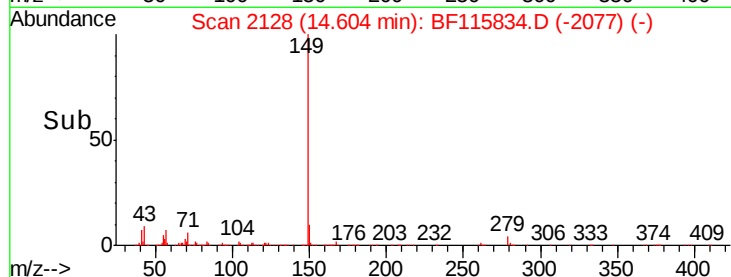
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.878 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

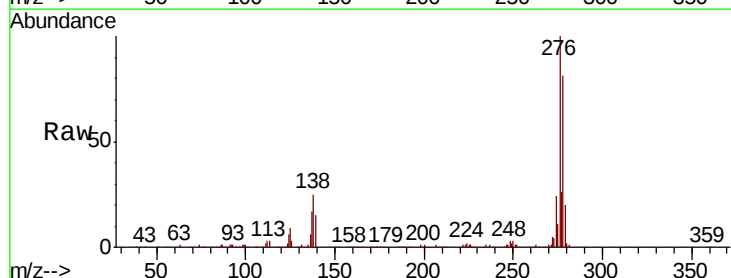
Tgt Ion:276 Resp: 935076

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

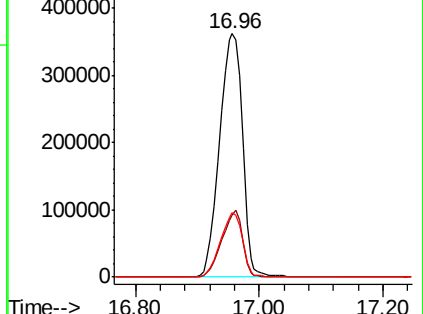
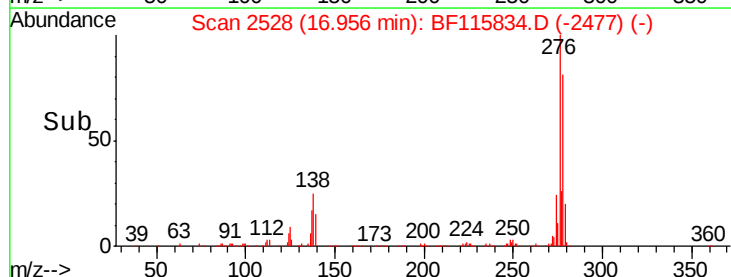
277 25.4 20.3 30.5

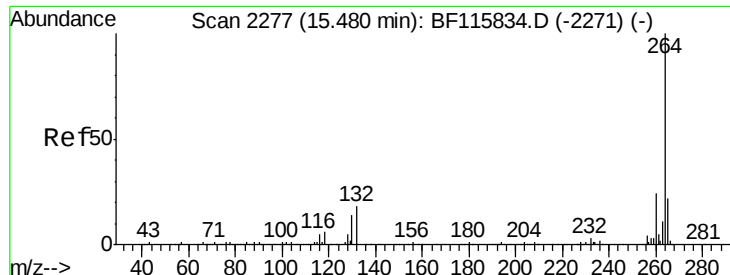


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Instrument :

BNA_F

ClientSampleId :

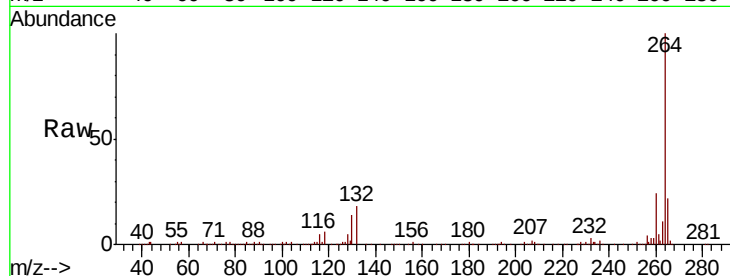
Tot Ion:264 Resp: 427265

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

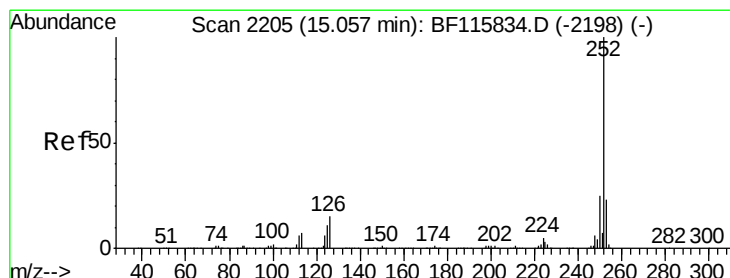
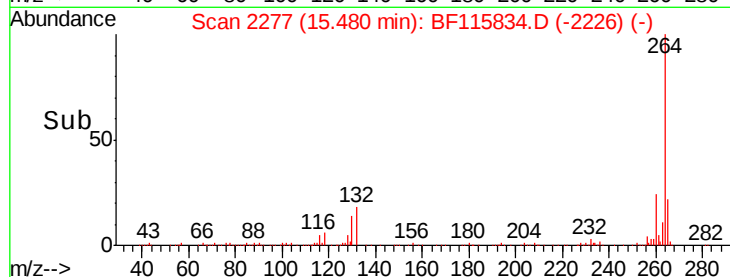
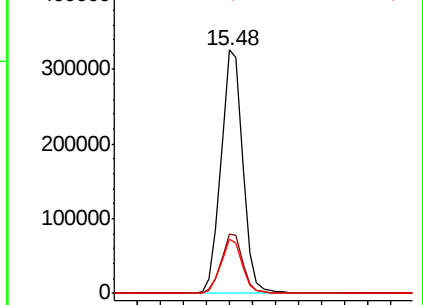
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.822 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

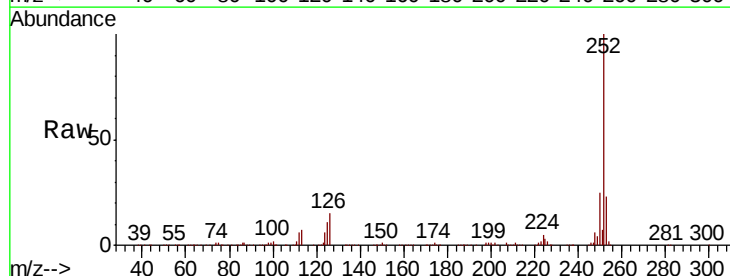
Tgt Ion:252 Resp: 1068075

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

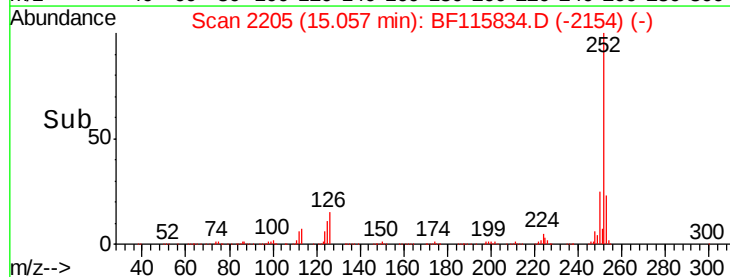
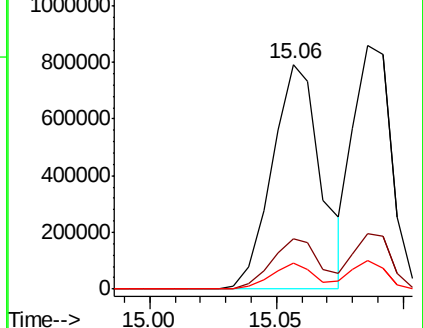
125 11.5 9.2 13.8

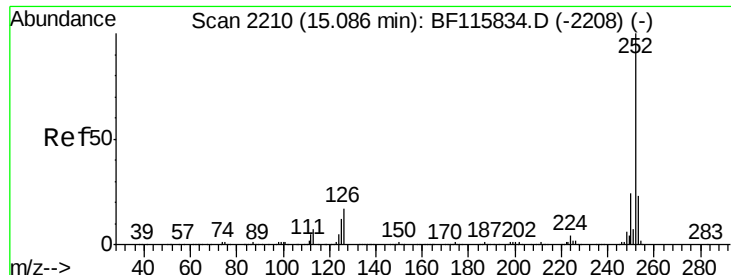


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

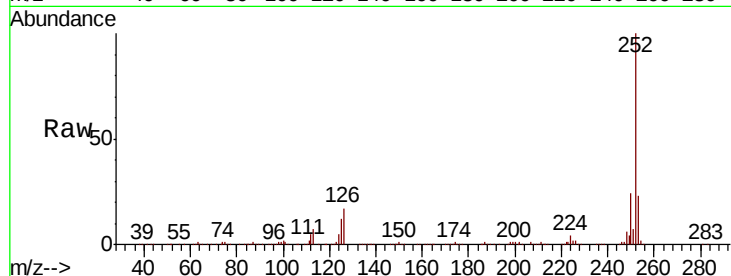




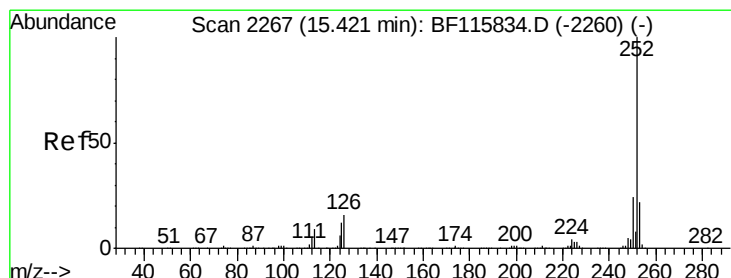
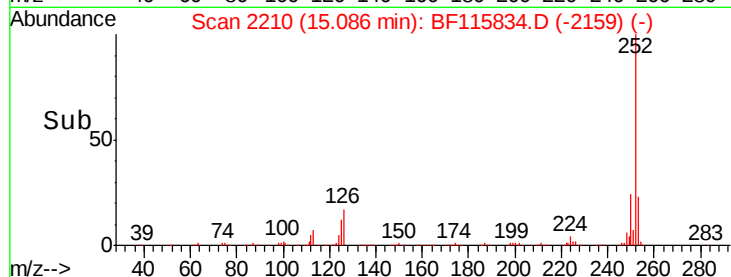
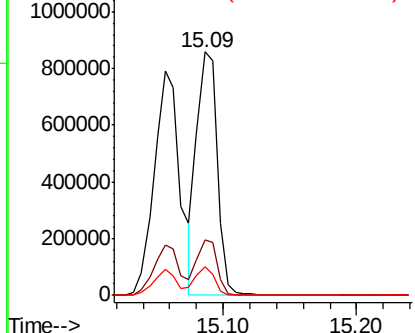
#89
Benzo(k)fluoranthene
Concen: 37.088 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 909734
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.9 9.5 14.3

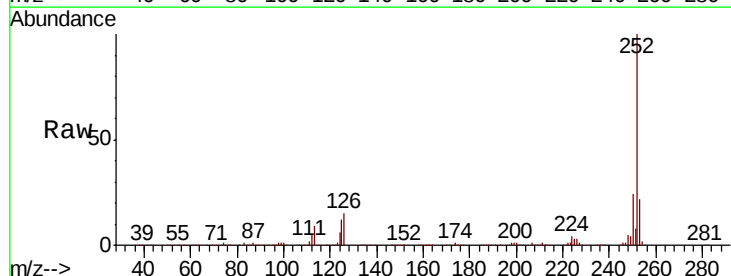


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

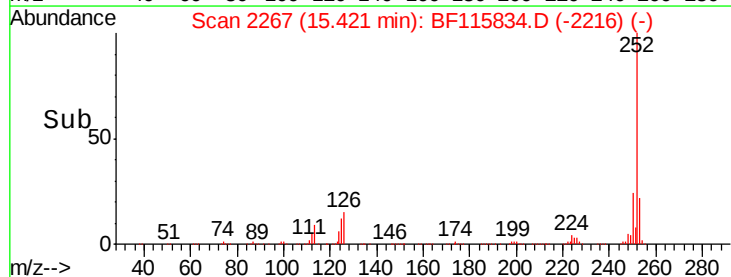
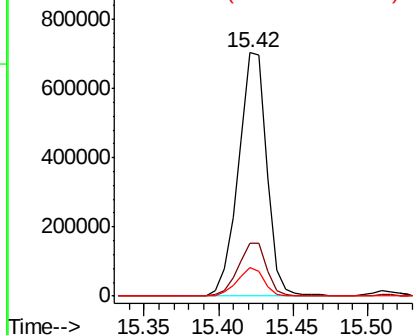


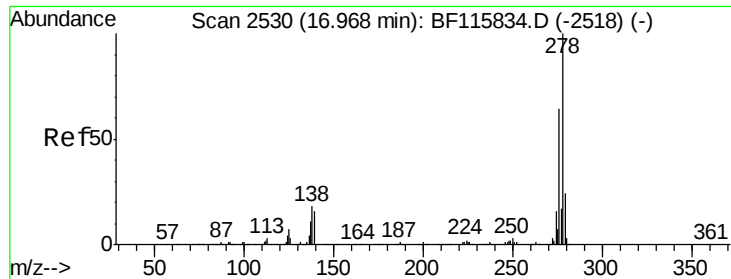
#90
Benzo(a)pyrene
Concen: 39.286 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 11:31

Tgt Ion:252 Resp: 928988
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.0 9.6 14.4



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





#91

Dibenzo(a,h)anthracene

Concen: 36.767 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

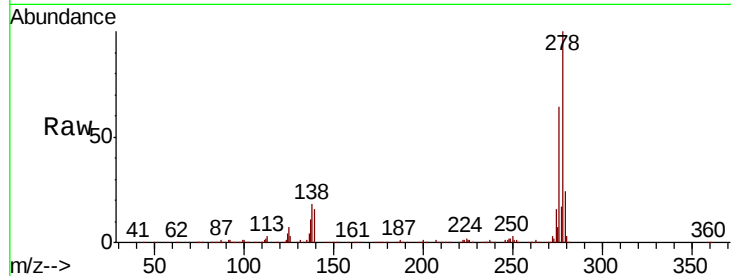
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 763255

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.9	19.3
279	23.9	19.1	28.7

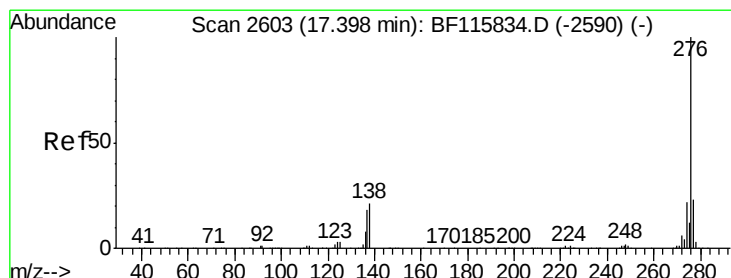
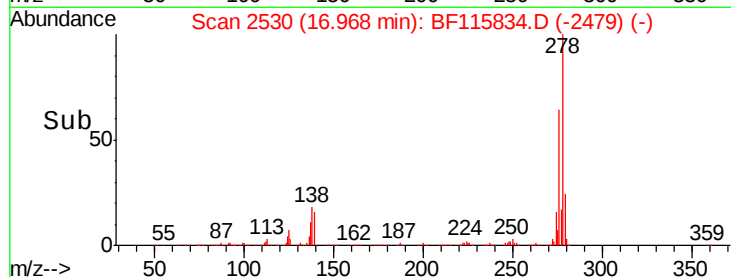
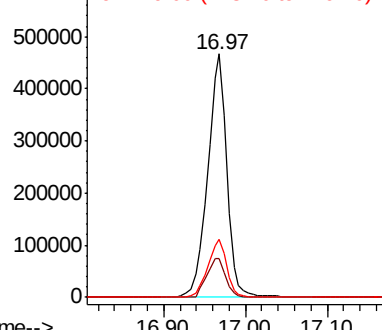


Abundance

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: 36.009 ng

RT: 17.40 min Scan# 2603

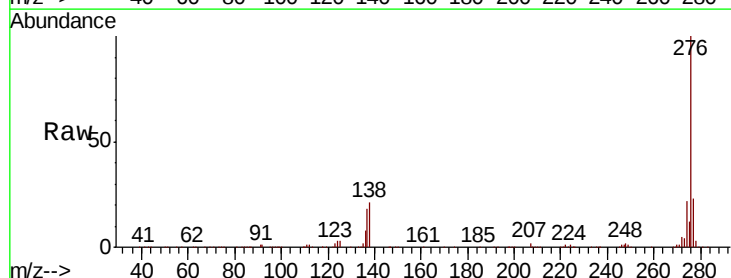
Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 11:31

Tgt Ion:276 Resp: 745532

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	21.1	16.9	25.3



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

