

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115358.D
 Acq On : 2 Jul 2019 13:35
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 14:36:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 12:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	244136	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	987344	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	481130	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	924901	20.00	ng	0.00
76) Chrysene-d12	13.73	240	579445	20.00	ng	0.00
87) Perylene-d12	15.10	264	708196	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1133798	71.67	ng	0.00
7) Phenol-d6	6.25	99	1375624	71.64	ng	0.00
23) Nitrobenzene-d5	7.17	82	1243687	77.49	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	409510	80.71	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2211721	78.08	ng	0.00
79) Terphenyl-d14	12.69	244	2375002	87.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	257723	34.518	ng	100
3) Pyridine	2.83	79	721174	34.269	ng	99
4) n-Nitrosodimethylamine	2.78	42	268326	32.525	ng	100
6) Aniline	6.27	93	890549	33.745	ng	95
8) 2-Chlorophenol	6.39	128	670364	37.684	ng	99
9) Benzaldehyde	6.14	77	419181	33.460	ng	97
10) Phenol	6.26	94	775536	34.479	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	608577	36.705	ng	99
12) 1,3-Dichlorobenzene	6.54	146	748692	37.922	ng	97
13) 1,4-Dichlorobenzene	6.62	146	752962	38.033	ng	98
14) 1,2-Dichlorobenzene	6.78	146	696134	37.970	ng	99
15) Benzyl Alcohol	6.75	79	442026	31.613	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	863771	35.919	ng	99
17) 2-Methylphenol	6.87	107	602332	41.021	ng	99
18) Hexachloroethane	7.12	117	271549	38.046	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	422812	34.393	ng	99
20) 3+4-Methylphenols	7.02	107	646577	38.135	ng	92
22) Acetophenone	7.02	105	854670	37.811	ng	98
24) Nitrobenzene	7.19	77	673738	38.102	ng	99
25) Isophorone	7.43	82	1186119	36.074	ng	100
26) 2-Nitrophenol	7.50	139	384074	43.983	ng	94
27) 2,4-Dimethylphenol	7.55	122	549341	38.422	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	774517	37.270	ng	99
29) 2,4-Dichlorophenol	7.75	162	578441	39.204	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	643883	39.507	ng	99
31) Naphthalene	7.91	128	1848792	38.146	ng	99
32) Benzoic acid	7.70	122	364570	35.722	ng	99
33) 4-Chloroaniline	7.96	127	819120	36.980	ng	99
34) Hexachlorobutadiene	8.03	225	362395	40.576	ng	98
35) Caprolactam	8.34	113	184739	37.241	ng	96
36) 4-Chloro-3-methylphenol	8.45	107	579697	38.795	ng	99
37) 2-Methylnaphthalene	8.60	142	1249446	38.234	ng	99
38) 1-Methylnaphthalene	8.70	142	1175345	37.659	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	559470	41.150	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	268622	33.320	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	410305	39.090	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	452887	41.897	ng	97
46) 1,1'-Biphenyl	9.06	154	1434852	37.272	ng	98
47) 2-Chloronaphthalene	9.08	162	1216613	38.960	ng	99
48) 2-Nitroaniline	9.18	65	363504	39.928	ng	97
49) Acenaphthylene	9.50	152	1856452	38.157	ng	100
50) Dimethylphthalate	9.37	163	1410381	39.844	ng	99
51) 2,6-Dinitrotoluene	9.42	165	326623	39.967	ng	96
52) Acenaphthene	9.67	154	1081304	35.517	ng	99
53) 3-Nitroaniline	9.59	138	371460	37.247	ng	97
54) 2,4-Dinitrophenol	9.70	184	169136	43.872	ng	94
55) Dibenzofuran	9.84	168	1595317	36.509	ng	99
56) 4-Nitrophenol	9.75	139	284517	35.586	ng	92
57) 2,4-Dinitrotoluene	9.82	165	421460	39.941	ng	99
58) Fluorene	10.18	166	1140091	38.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	371500	40.987	ng	98
60) Diethylphthalate	10.07	149	1342660	37.734	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	557721	39.511	ng	96
62) 4-Nitroaniline	10.20	138	389436	38.925	ng	98
63) Azobenzene	10.34	77	1224584	36.846	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	216149	44.343	ng	87
66) n-Nitrosodiphenylamine	10.30	169	1104281	38.323	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	397933	39.683	ng	98
68) Hexachlorobenzene	10.72	284	436685	40.120	ng	93
69) Atrazine	10.82	200	356671	38.479	ng	99
70) Pentachlorophenol	10.92	266	275278	39.698	ng	98
71) Phenanthrene	11.13	178	1802682	36.200	ng	99
72) Anthracene	11.18	178	1825589	36.317	ng	100
73) Carbazole	11.34	167	1672624	37.263	ng	100
74) Di-n-butylphthalate	11.68	149	2018530	38.915	ng	100
75) Fluoranthene	12.31	202	1836318	36.959	ng	99
77) Benzidine	12.43	184	802665	31.196	ng	98
78) Pyrene	12.54	202	1877911	42.171	ng	100
80) Butylbenzylphthalate	13.17	149	869835	44.262	ng	100
81) Benzo(a)anthracene	13.72	228	1720669	41.385	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	642018	42.761	ng	99
83) Chrysene	13.76	228	1650762	43.344	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1100220	42.727	ng	99
85) Di-n-octyl phthalate	14.34	149	1952600	45.132	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1703646	37.803	ng	100
88) Benzo(b)fluoranthene	14.73	252	1764359	39.927	ng	99
89) Benzo(k)fluoranthene	14.75	252	1457224	36.772	ng	98
90) Benzo(a)pyrene	15.05	252	1537826	38.611	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	1362376	36.640	ng	100
92) Benzo(g,h,i)perylene	16.76	276	1361599	36.181	ng	98

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

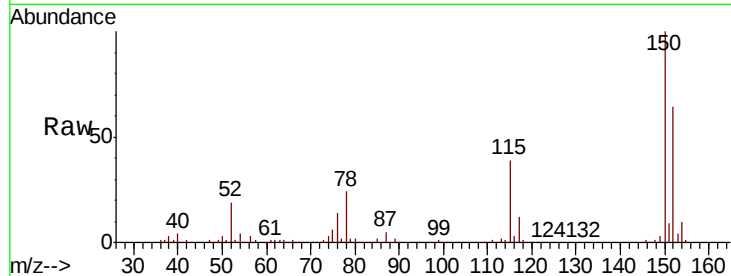


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.2	187.8
115	60.4	48.2	72.2

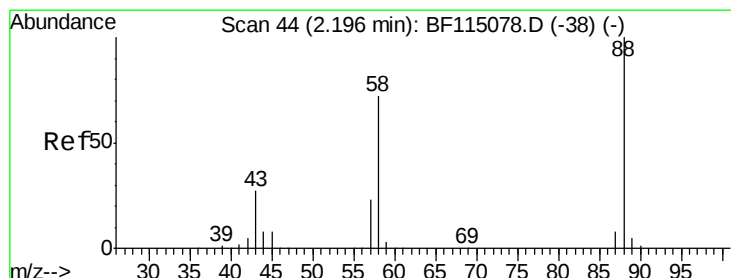
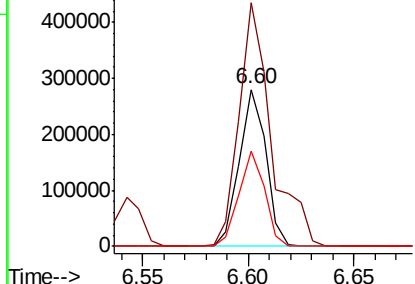
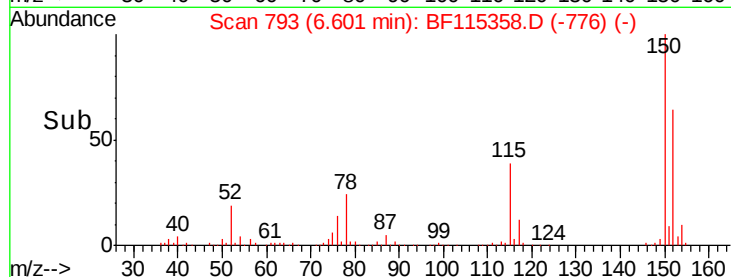


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

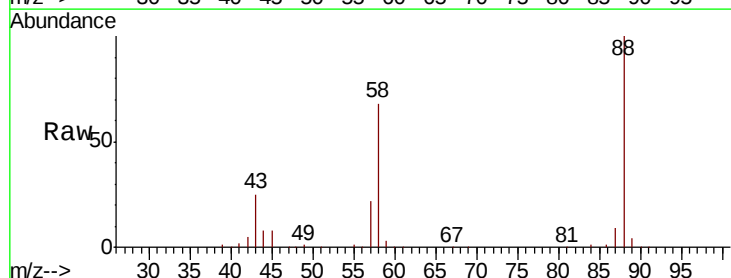
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.518 ng
RT: 2.18 min Scan# 42
Delta R.T. 0.02 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.8	82.2
43	25.5	21.0	31.6

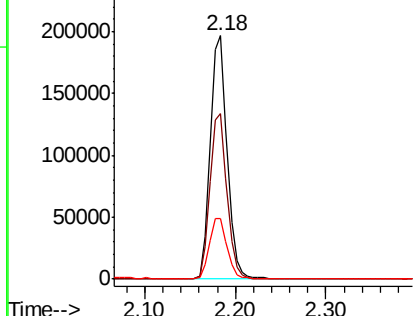
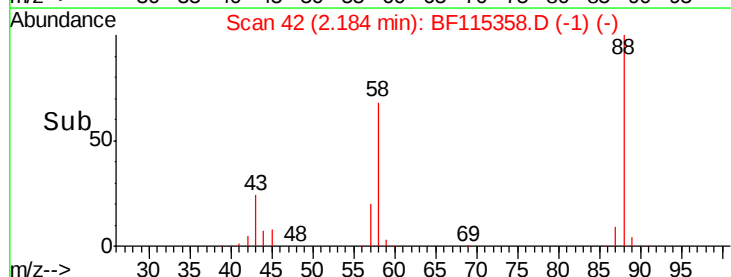


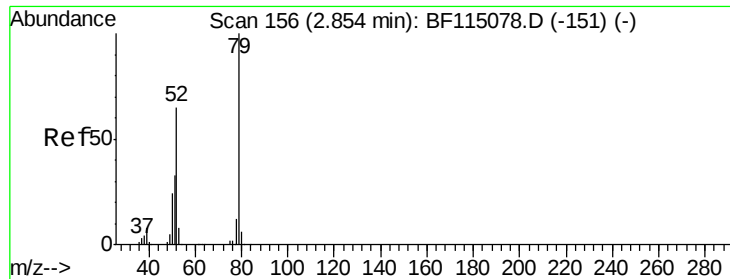
Abundance

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: 34.269 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

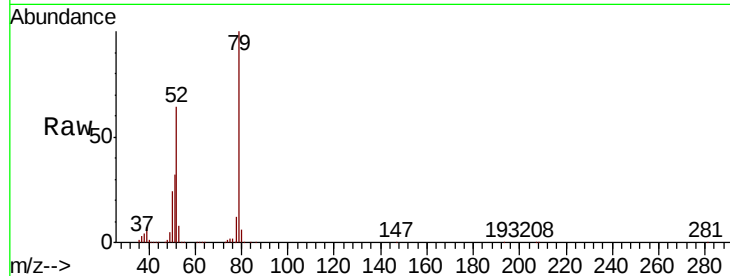
Tot Ion: 79 Resp: 721174

Ion Ratio Lower Upper

79 100

52 63.9 50.9 76.3

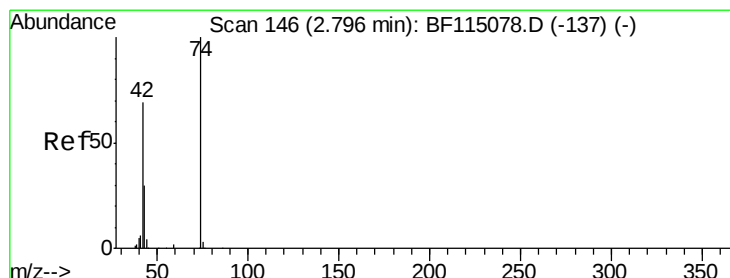
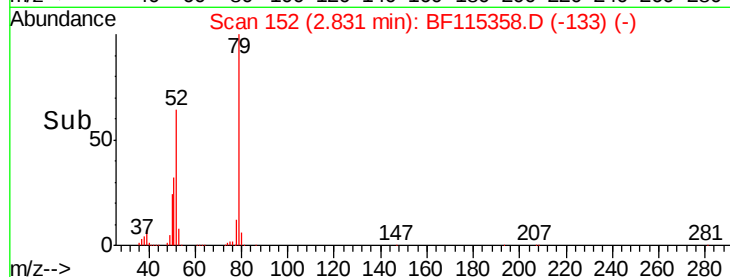
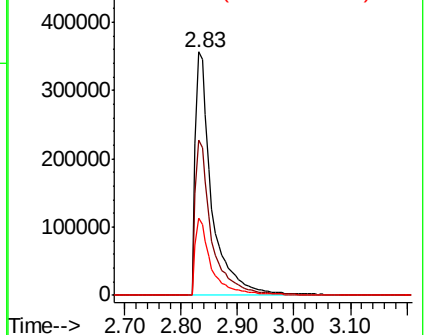
51 31.8 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.525 ng

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

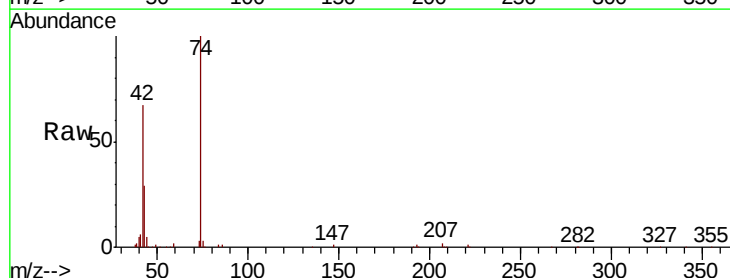
Tgt Ion: 42 Resp: 268326

Ion Ratio Lower Upper

42 100

74 148.4 119.1 178.7

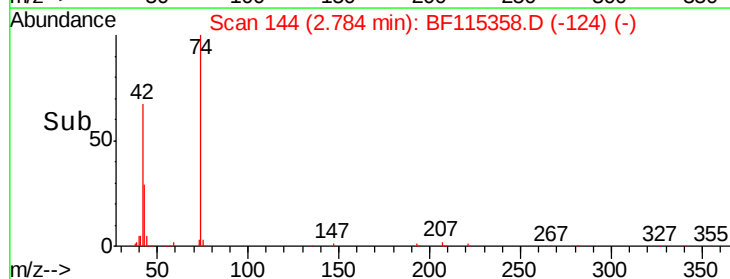
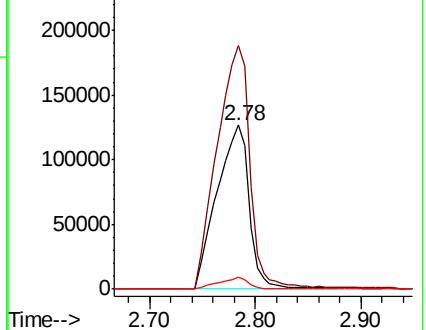
44 7.2 5.4 8.2

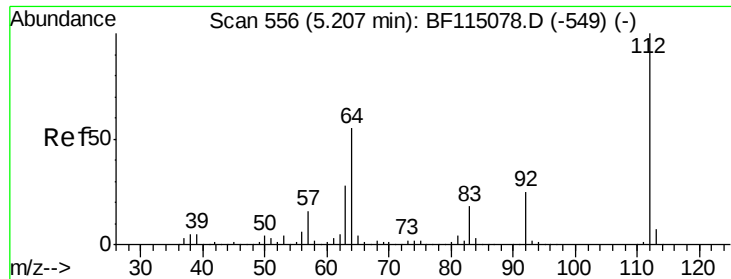


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 71.667 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

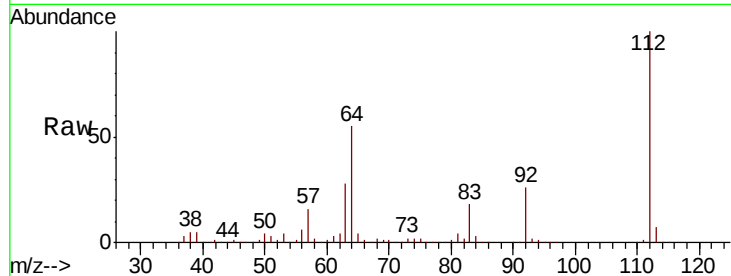
Tot Ion:112 Resp: 1133798

Ion Ratio Lower Upper

112 100

64 55.1 44.2 66.2

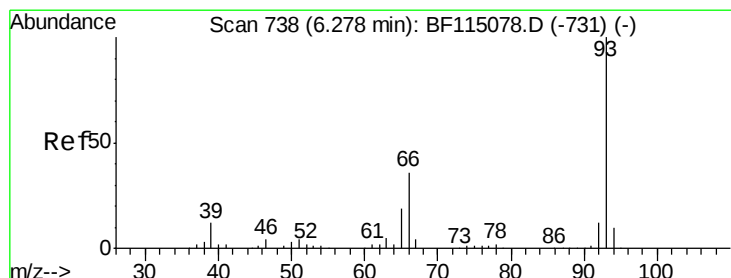
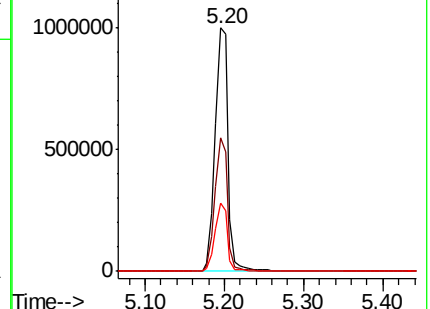
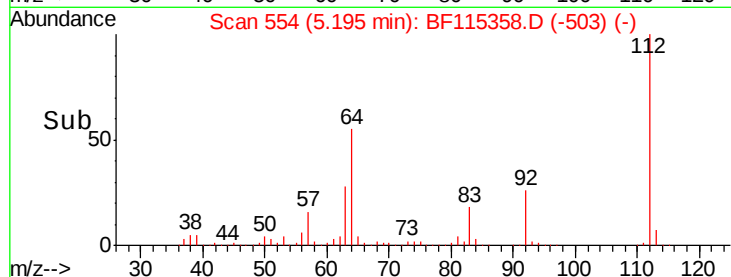
63 28.0 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.745 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

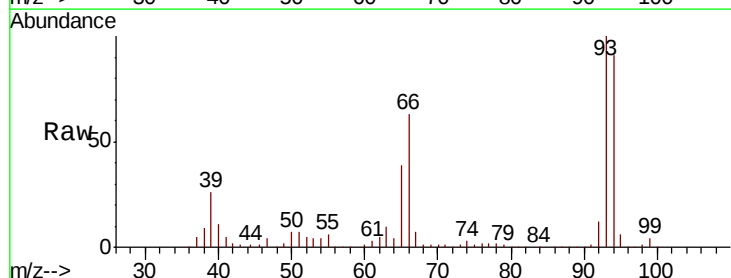
Tgt Ion: 93 Resp: 890549

Ion Ratio Lower Upper

93 100

66 62.9 53.8 80.6

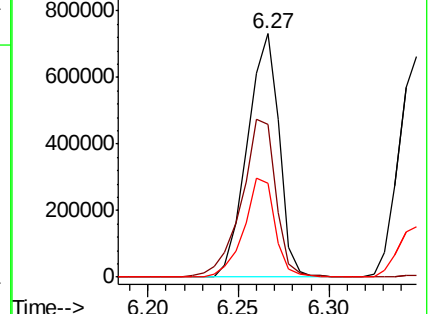
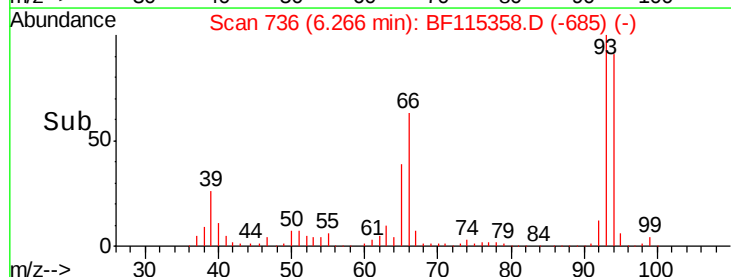
65 38.6 33.5 50.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.639 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

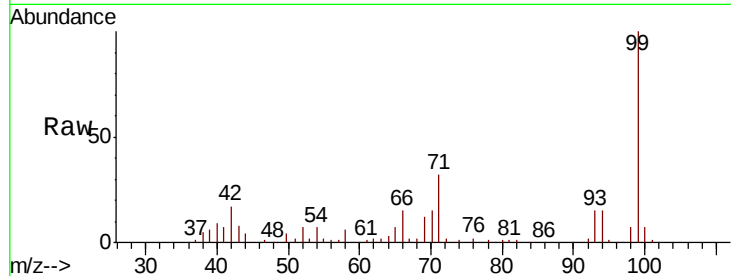
Tot Ion: 99 Resp: 1375624

Ion Ratio Lower Upper

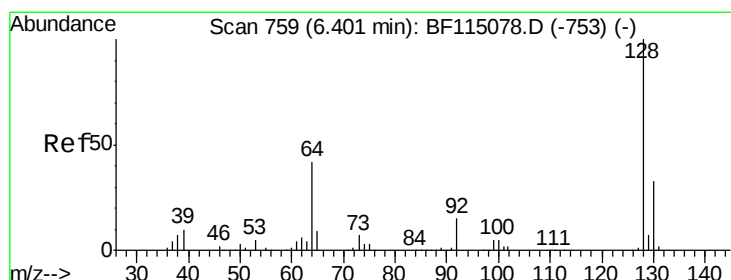
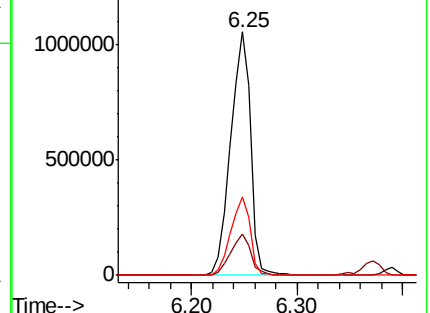
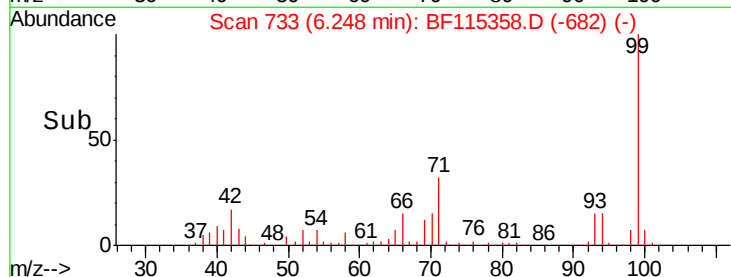
99 100

42 16.9 13.4 20.2

71 32.2 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.684 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

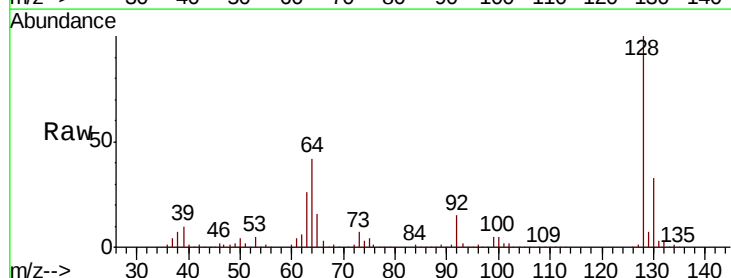
Tgt Ion:128 Resp: 670364

Ion Ratio Lower Upper

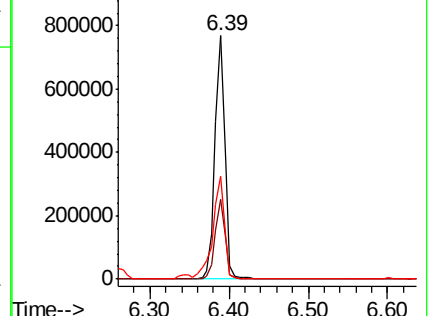
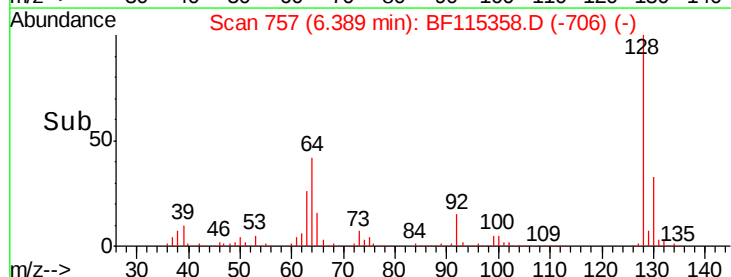
128 100

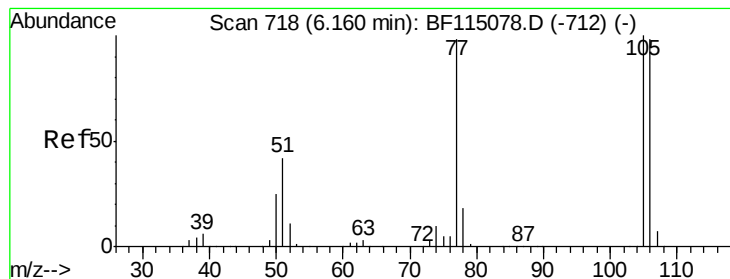
130 32.9 12.8 52.8

64 42.0 22.9 62.9



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: 33.460 ng

RT: 6.14 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

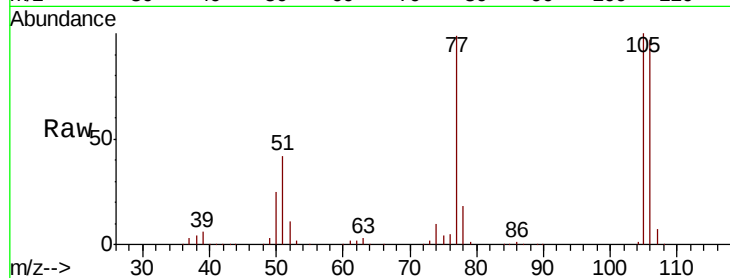
Tot Ion: 77 Resp: 419181

Ion Ratio Lower Upper

77 100

105 101.4 85.2 125.2

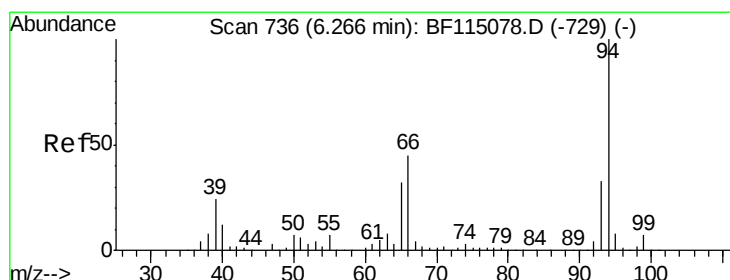
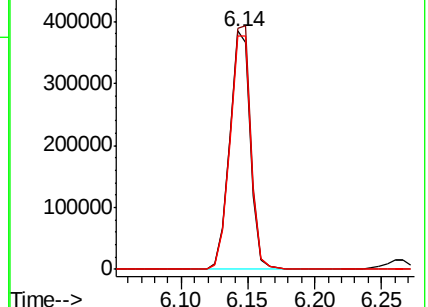
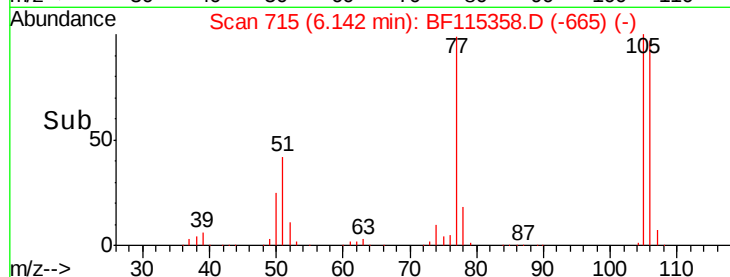
106 98.2 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.479 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

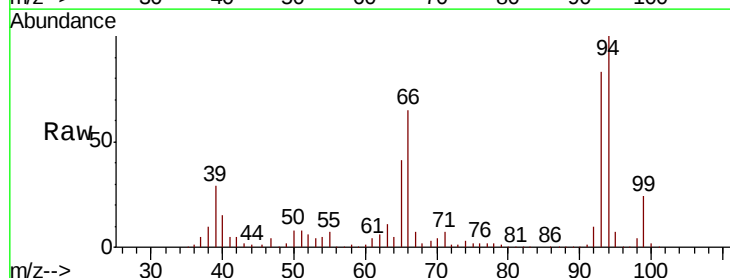
Tgt Ion: 94 Resp: 775536

Ion Ratio Lower Upper

94 100

65 40.7 20.9 60.9

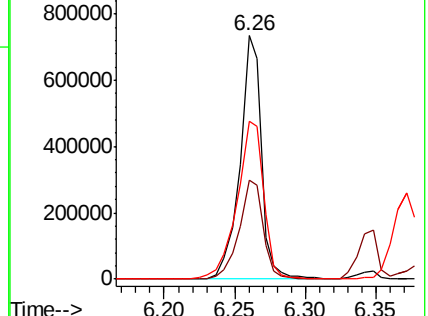
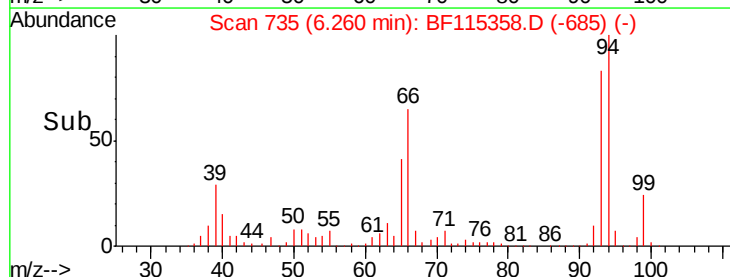
66 64.7 45.4 85.4

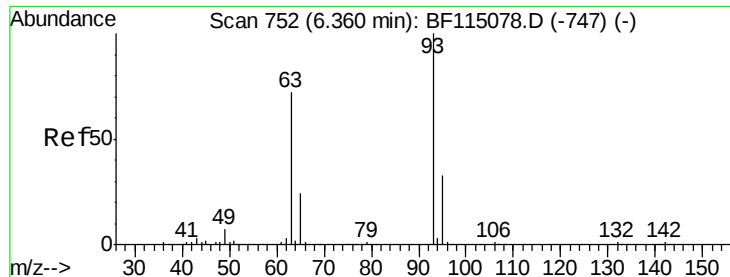


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

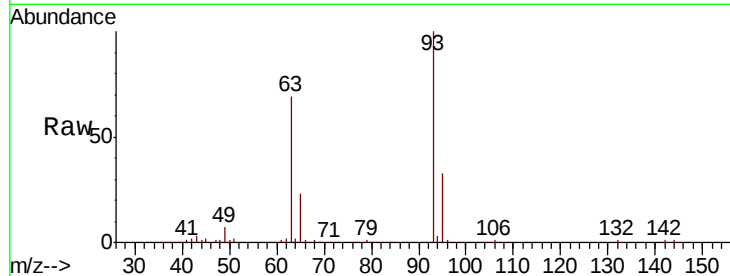




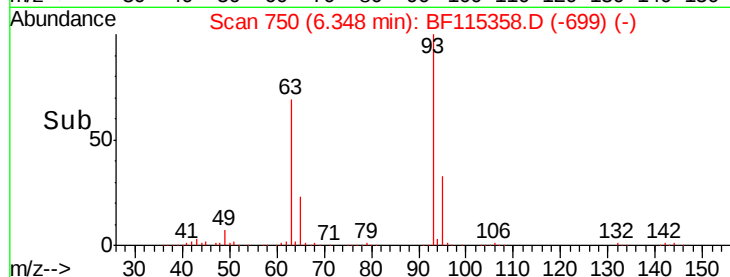
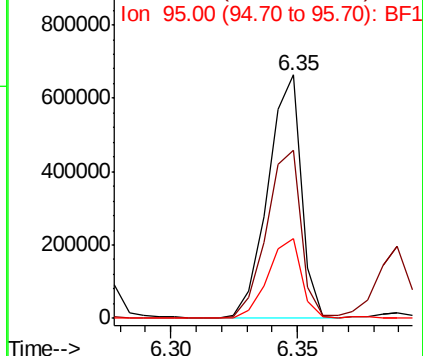
#11
 bis(2-Chloroethyl)ether
 Concen: 36.705 ng
 RT: 6.35 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 608577
 Ion Ratio Lower Upper
 93 100
 63 68.9 49.7 89.7
 95 32.7 13.1 53.1

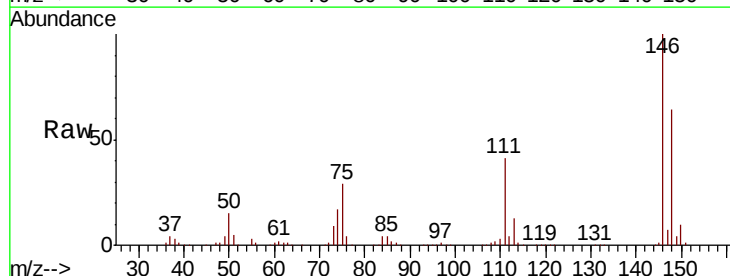


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

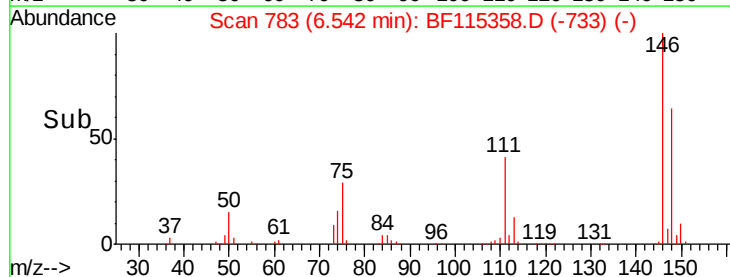
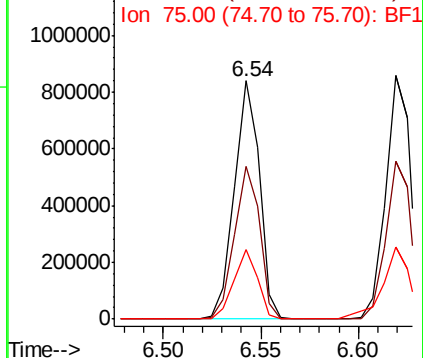


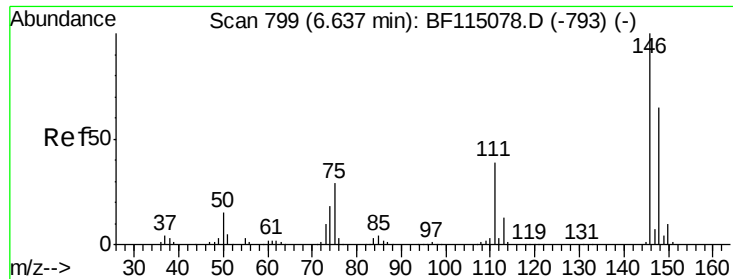
#12
 1,3-Dichlorobenzene
 Concen: 37.922 ng
 RT: 6.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion: 146 Resp: 748692
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.8 79.2
 75 29.0 21.0 31.4



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

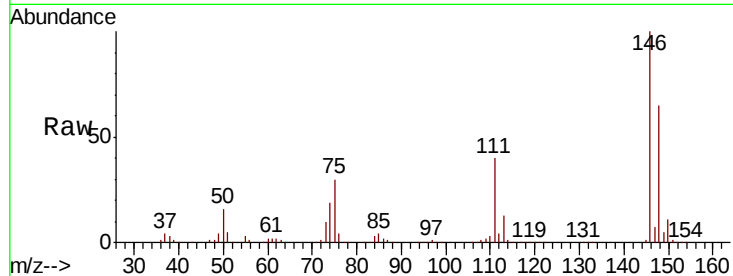




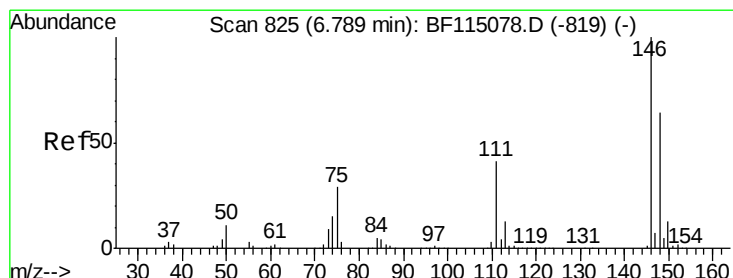
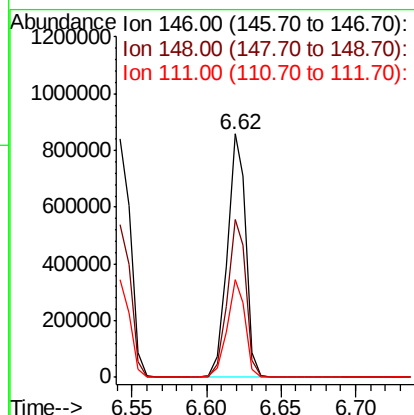
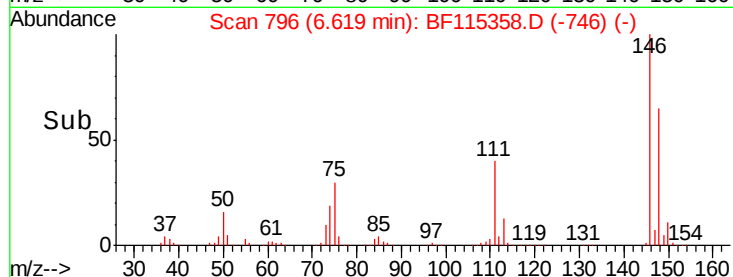
#13
 1,4-Dichlorobenzene
 Concen: 38.033 ng
 RT: 6.62 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 752962
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.6 79.0
 111 40.3 30.6 45.8

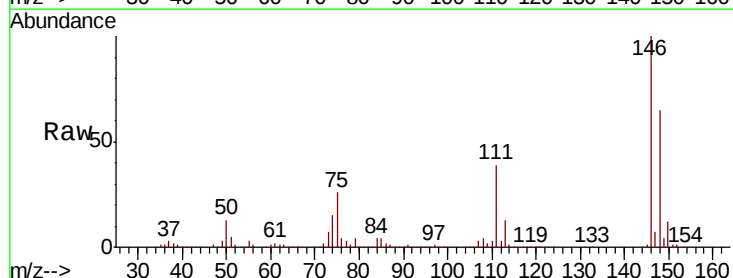


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

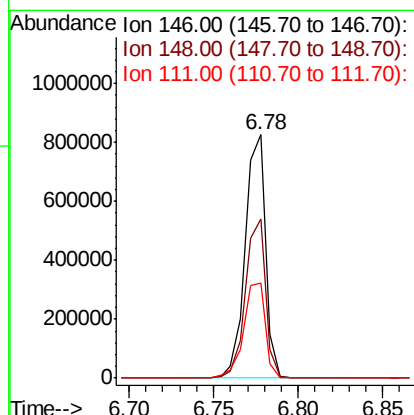
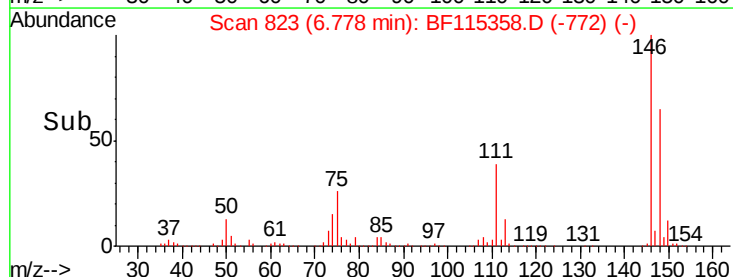


#14
 1,2-Dichlorobenzene
 Concen: 37.970 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:146 Resp: 696134
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.4 78.6
 111 39.1 32.4 48.6



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: 31.613 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

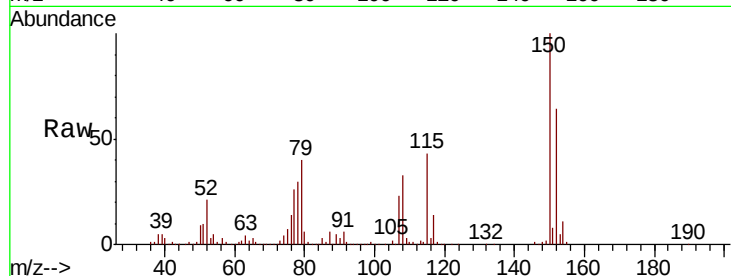
Tot Ion: 79 Resp: 442026

Ion Ratio Lower Upper

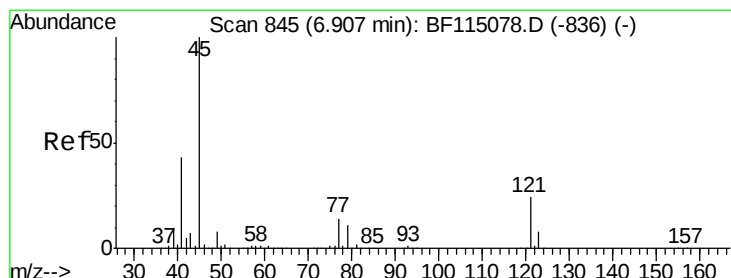
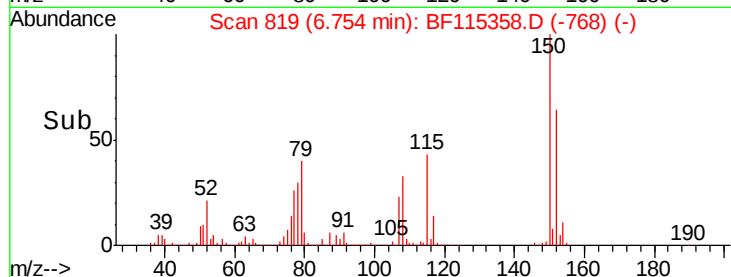
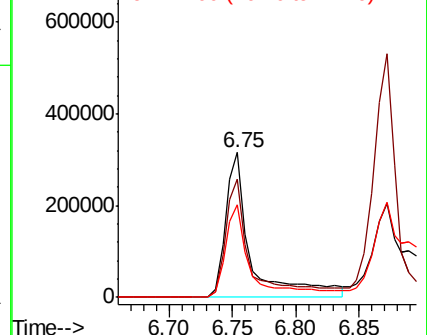
79 100

108 81.7 65.6 98.4

77 63.5 51.0 76.6



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: 35.919 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

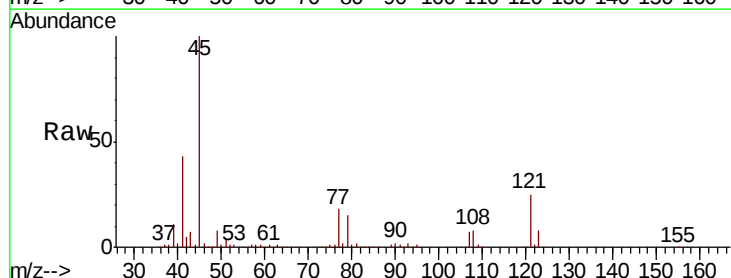
Tgt Ion: 45 Resp: 863771

Ion Ratio Lower Upper

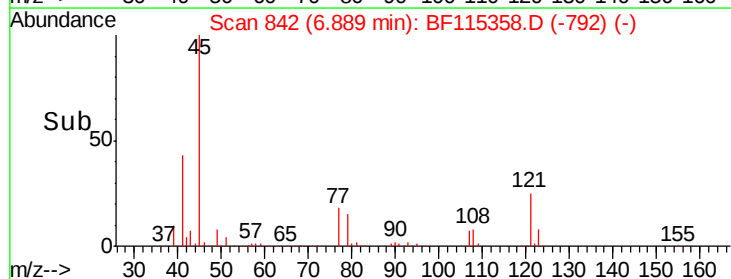
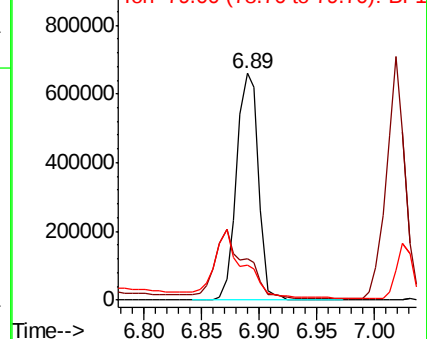
45 100

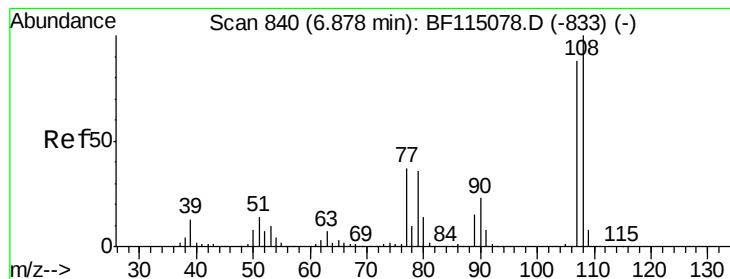
77 18.4 0.0 37.7

79 15.3 0.0 34.9



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: 41.021 ng

RT: 6.87 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 602332

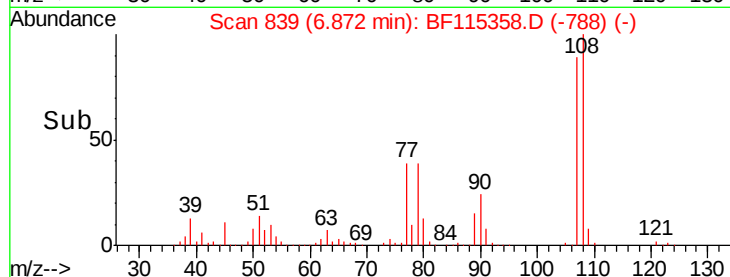
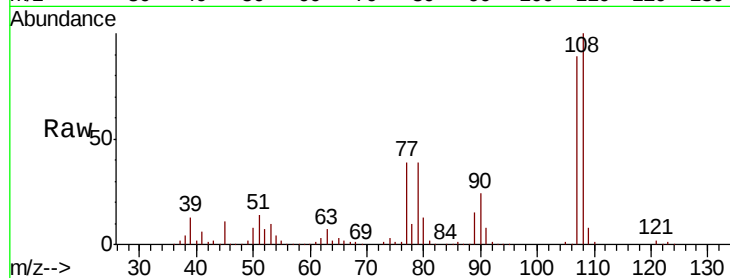
Ion Ratio Lower Upper

107 100

108 112.7 91.0 136.4

77 44.1 35.8 53.8

79 43.6 35.3 52.9

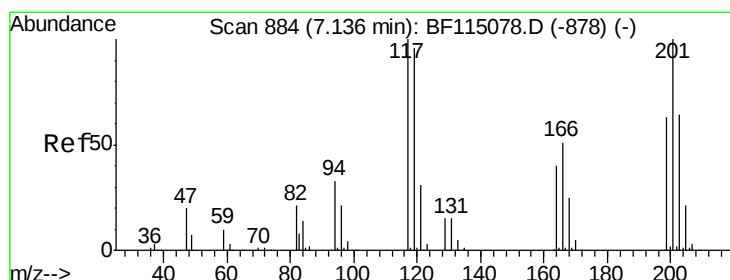
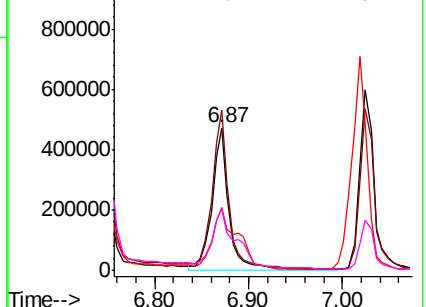


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.046 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

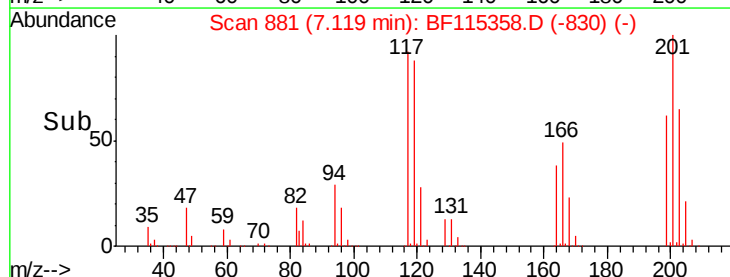
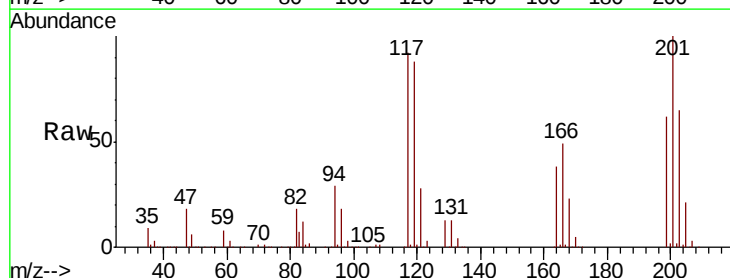
Tgt Ion:117 Resp: 271549

Ion Ratio Lower Upper

117 100

119 95.0 76.9 115.3

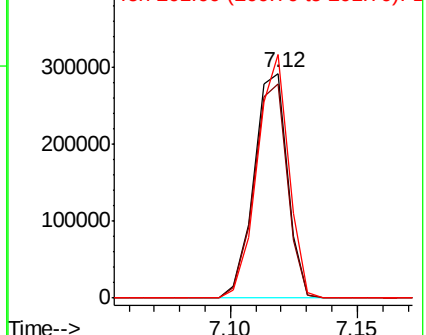
201 108.3 81.8 122.8

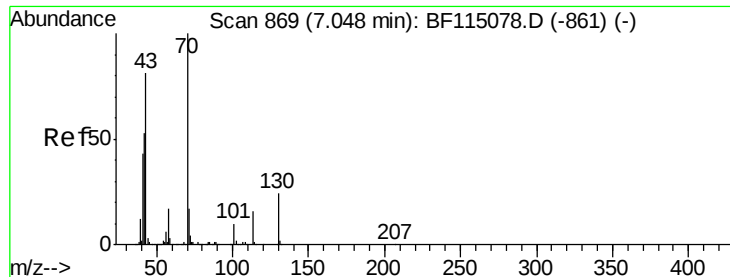


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

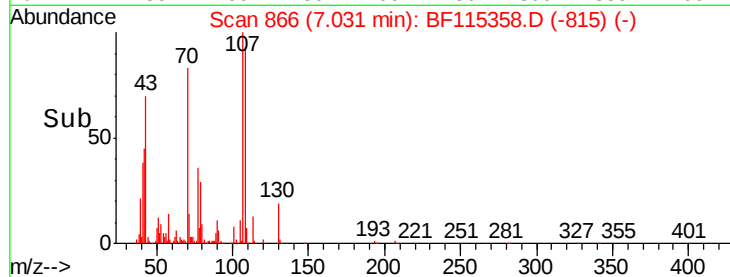
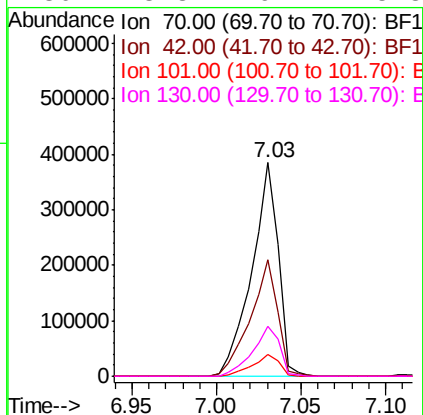
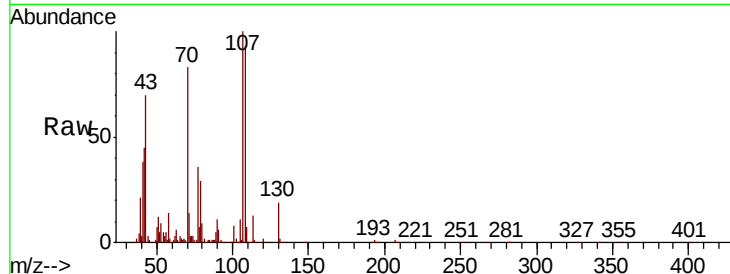




#19
n-Nitroso-di-n-propylamine
Concen: 34.393 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

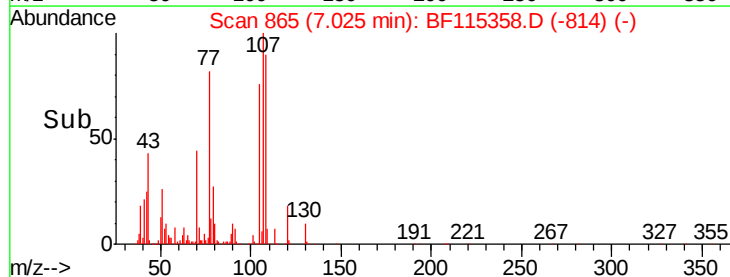
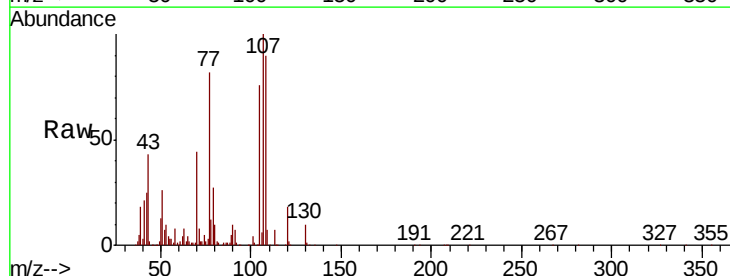
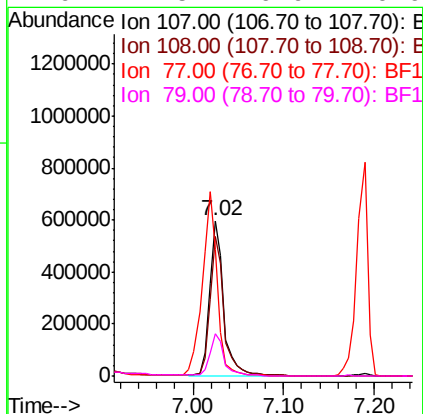
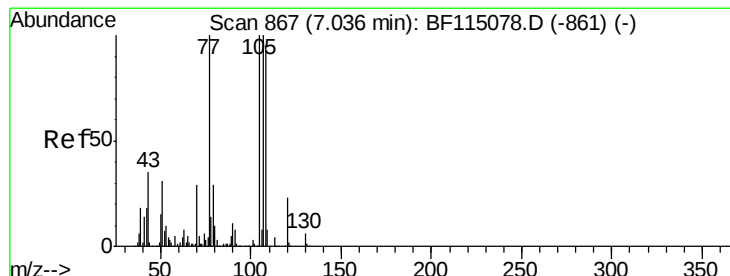
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	422812
Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.3	66.5
101	10.0	7.8	11.8
130	23.3	19.2	28.8



#20
3+4-Methylphenols
Concen: 38.135 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:	107	Resp:	646577
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.9	107.9
77	81.7	76.7	116.7
79	27.5	6.9	46.9

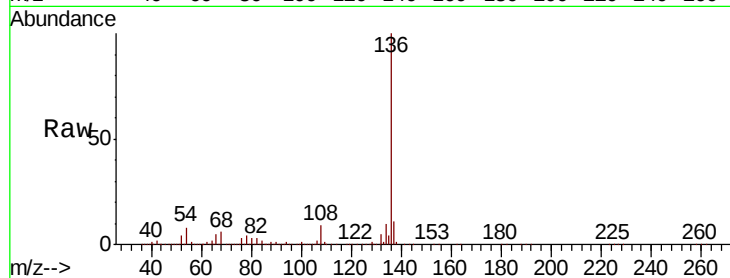




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	987344
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 7.5	5.1	7.7
68 6.2	4.3	6.5



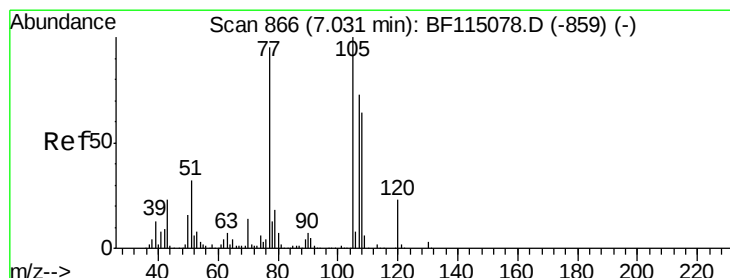
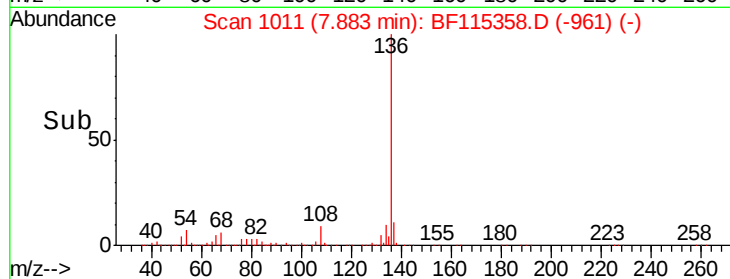
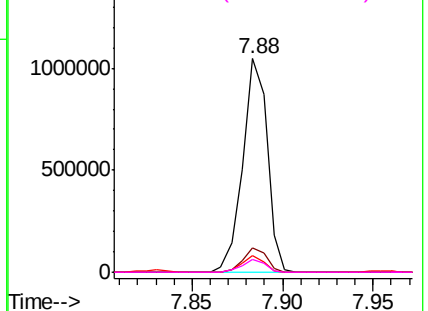
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

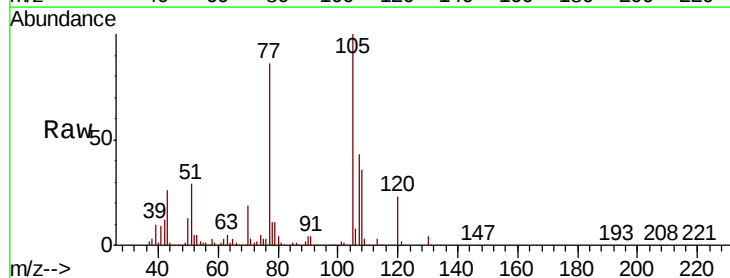
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.811 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt	Ion:105	Resp:	854670
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.2	3.4
51	28.7	21.1	31.7
120	23.4	18.6	27.8



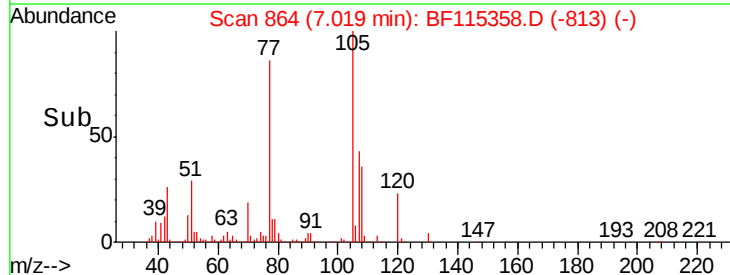
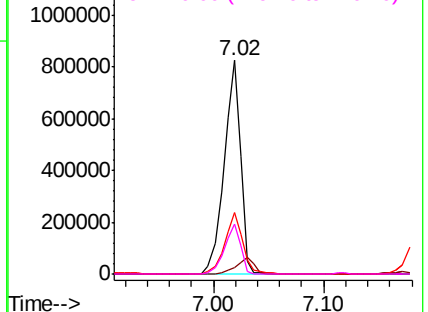
Abundance

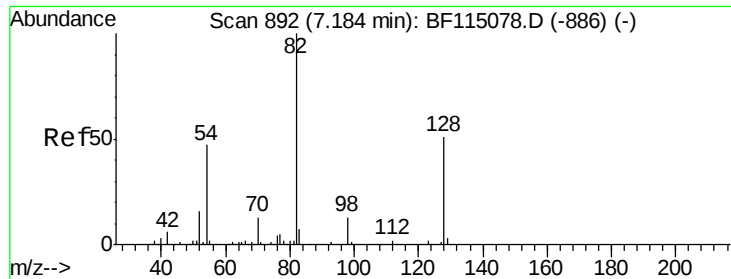
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



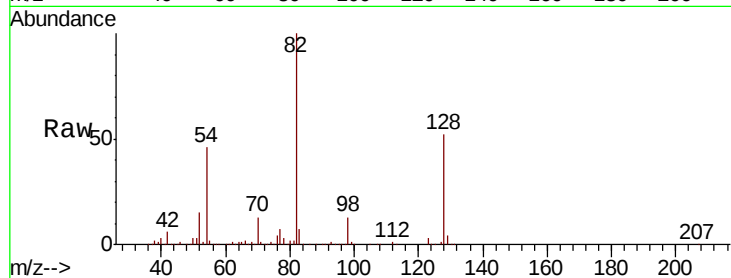


#23
 Nitrobenzene-d5
 Concen: 77.487 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

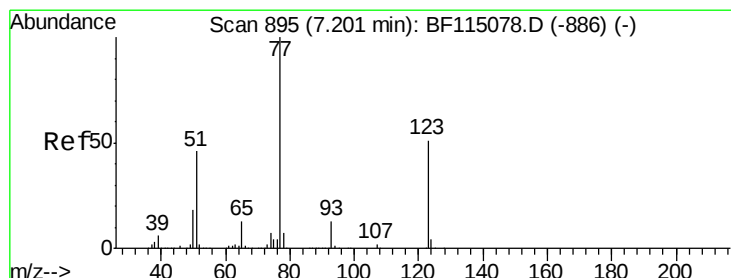
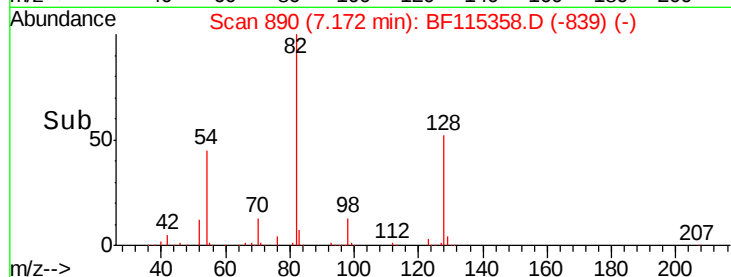
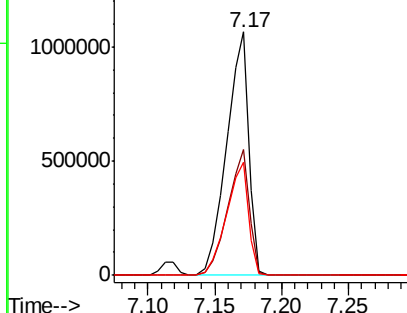
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1243687

Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.8	61.2
54	46.3	37.0	55.4



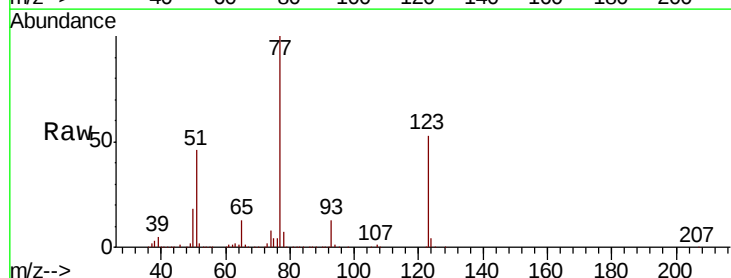
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



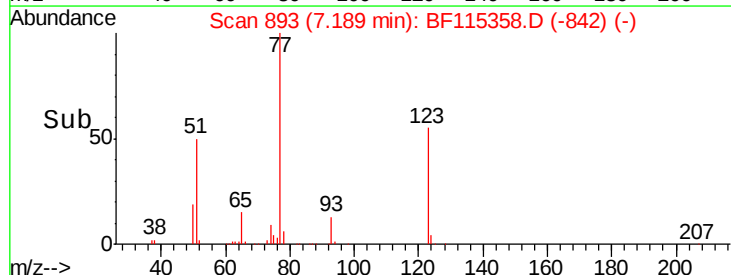
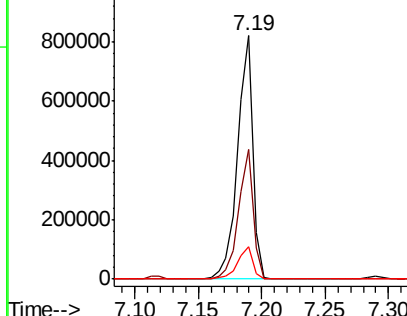
#24
 Nitrobenzene
 Concen: 38.102 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

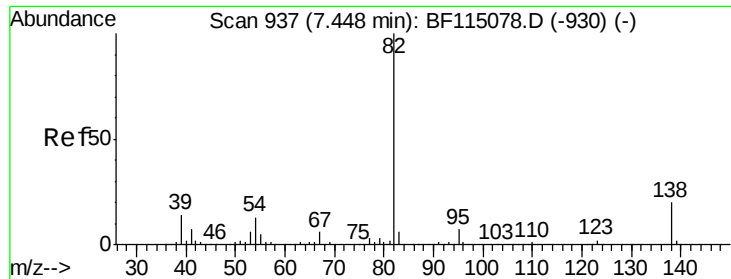
Tgt Ion: 77 Resp: 673738

Ion	Ratio	Lower	Upper
77	100		
123	53.0	41.8	62.8
65	13.1	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

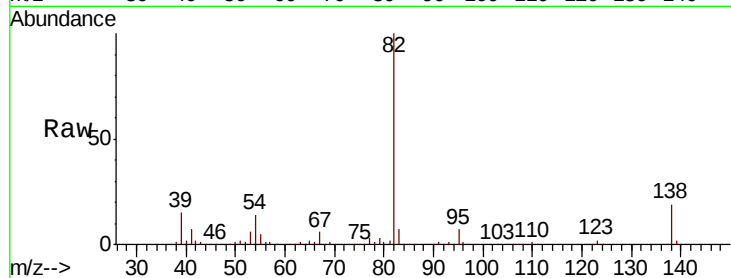




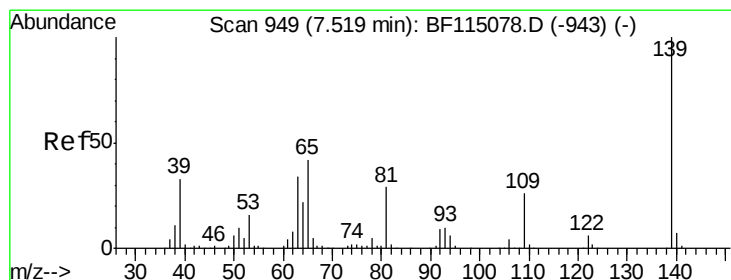
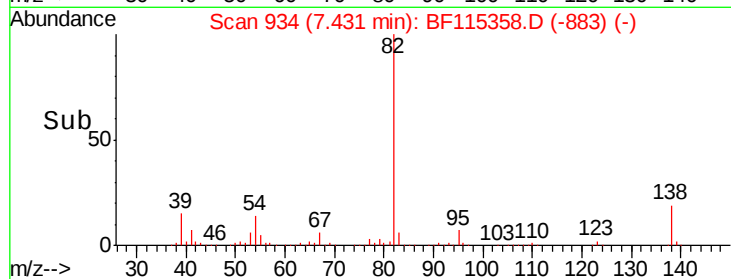
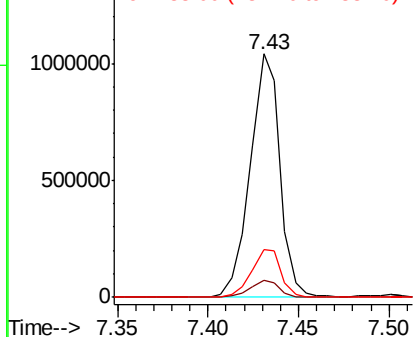
#25
Isophorone
Concen: 36.074 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1186119
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.4 15.4 23.2

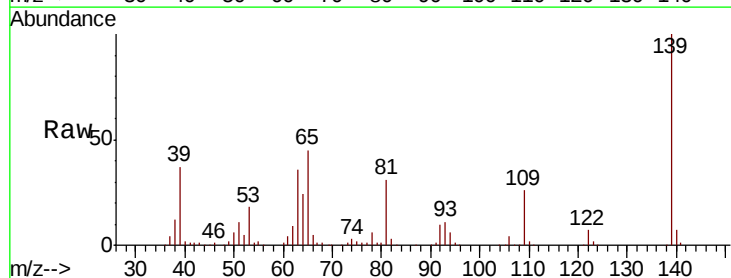


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

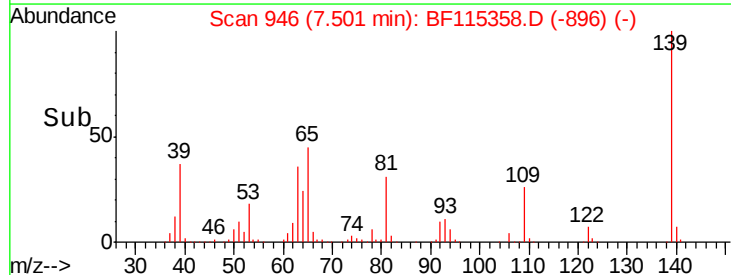
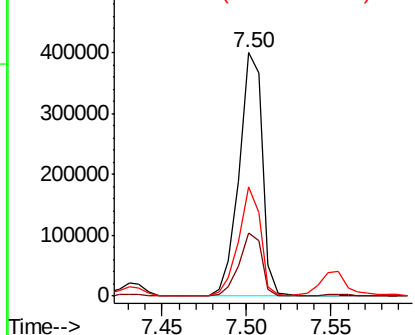


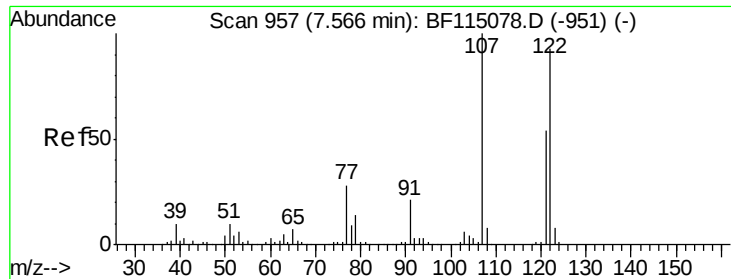
#26
2-Nitrophenol
Concen: 43.983 ng
RT: 7.50 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion: 139 Resp: 384074
Ion Ratio Lower Upper
139 100
109 25.9 20.1 30.1
65 45.1 31.4 47.0



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

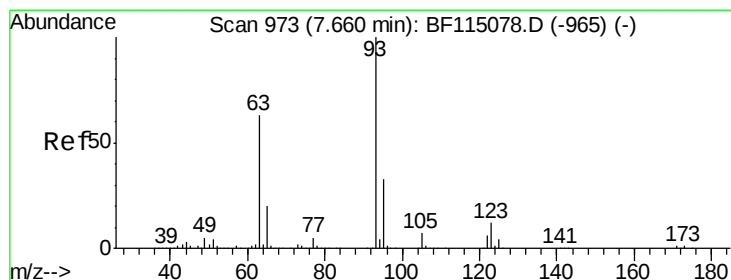
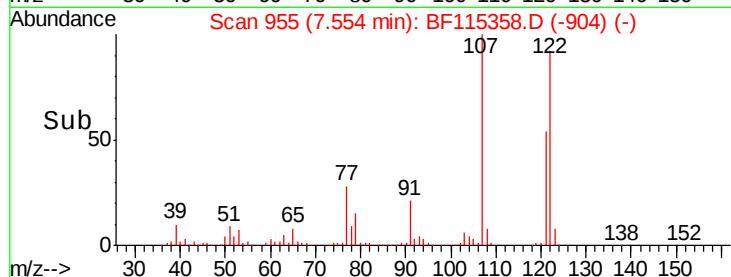
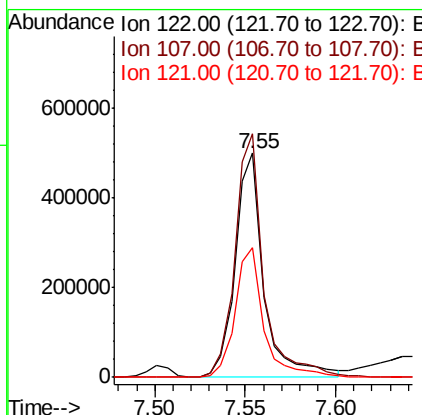
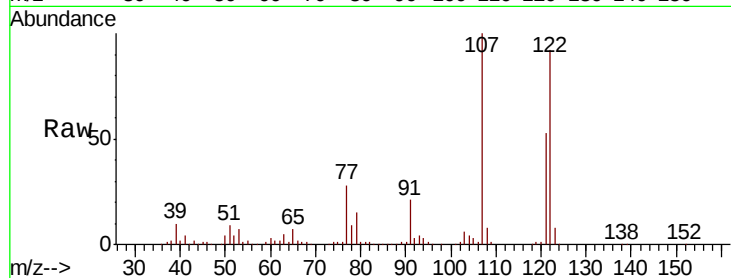




#27
 2,4-Dimethylphenol
 Concen: 38.422 ng
 RT: 7.55 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

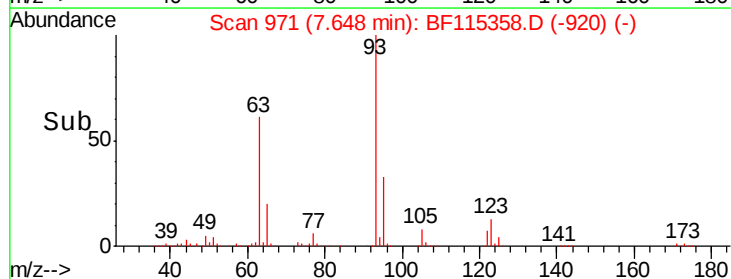
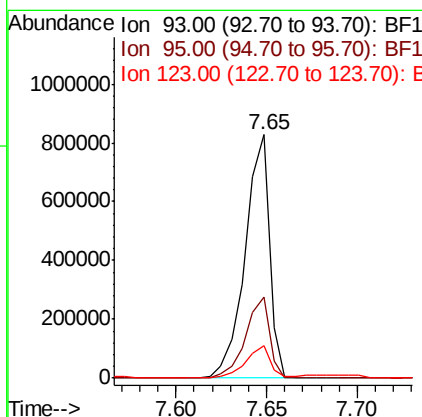
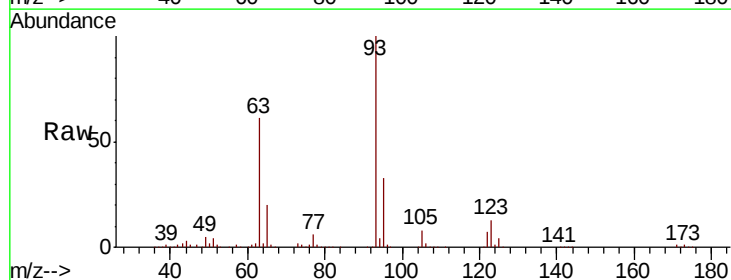
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 549341
 Ion Ratio Lower Upper
 122 100
 107 108.8 86.7 130.1
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.270 ng
 RT: 7.65 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion: 93 Resp: 774517
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.2 39.4
 123 13.1 9.9 14.9

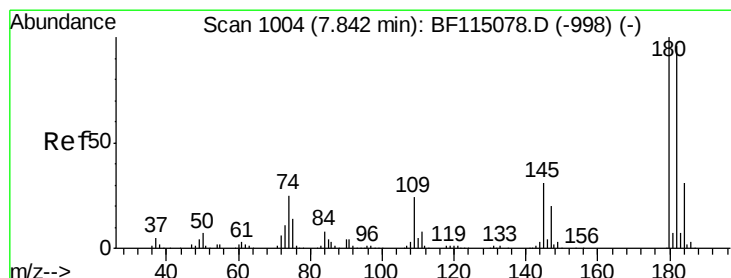
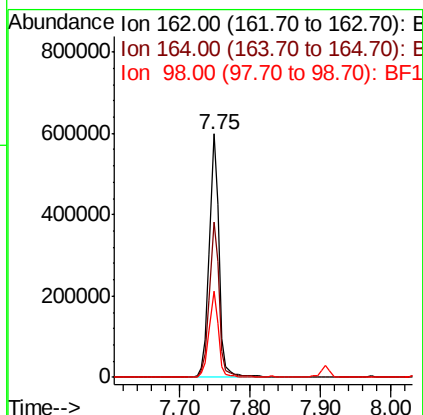
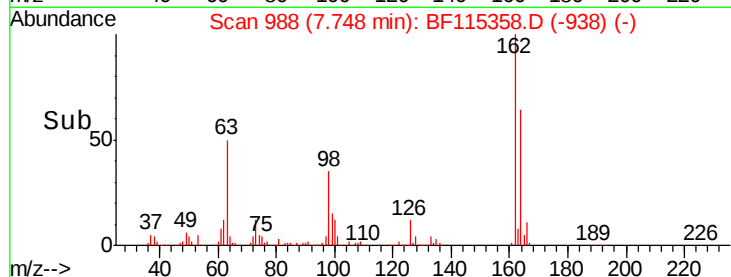
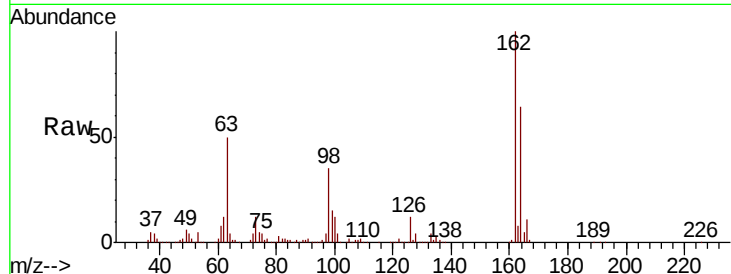




#29
2,4-Dichlorophenol
Concen: 39.204 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

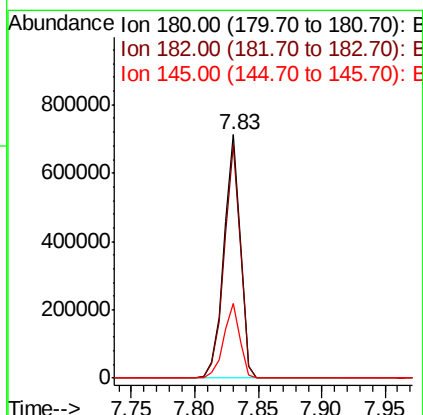
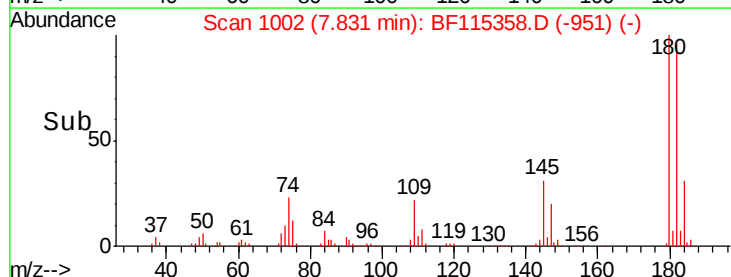
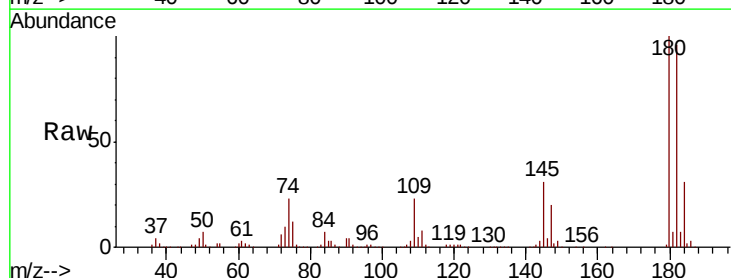
Instrument :
BNA_F
ClientSampleId :

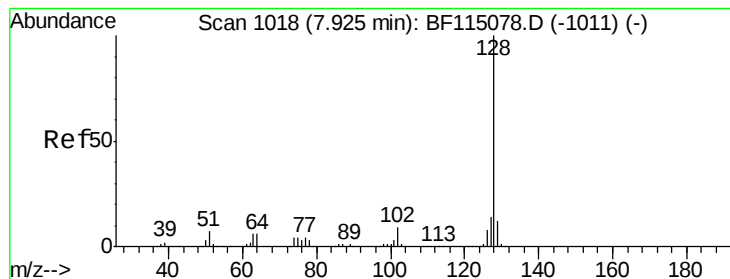
Tot Ion:162 Resp: 578441
Ion Ratio Lower Upper
162 100
164 63.9 45.4 85.4
98 35.4 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 39.507 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:180 Resp: 643883
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 30.7 24.8 37.2





#31

Naphthalene

Concen: 38.146 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

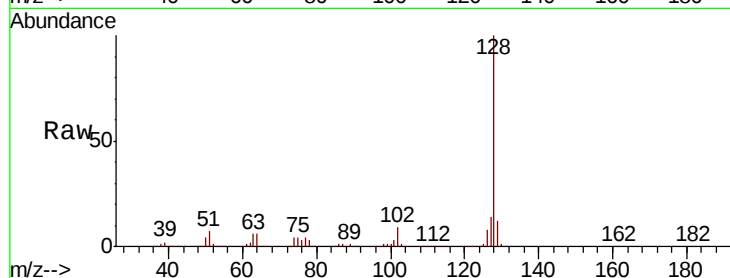
Tot Ion:128 Resp: 1848792

Ion Ratio Lower Upper

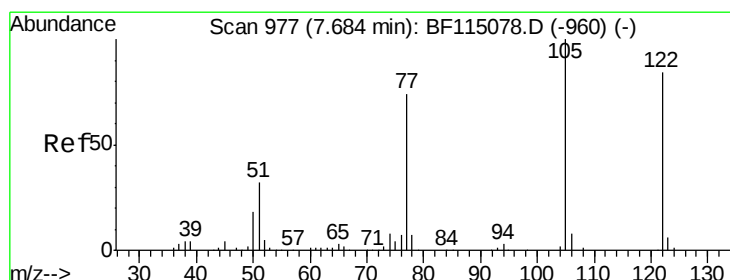
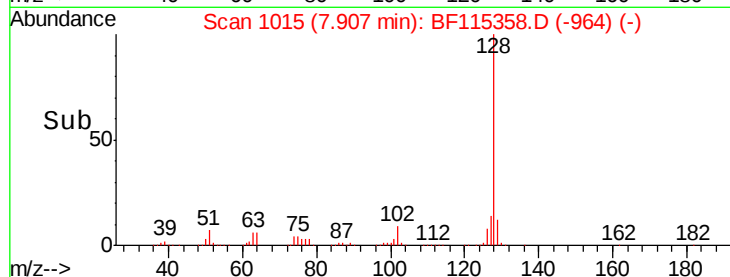
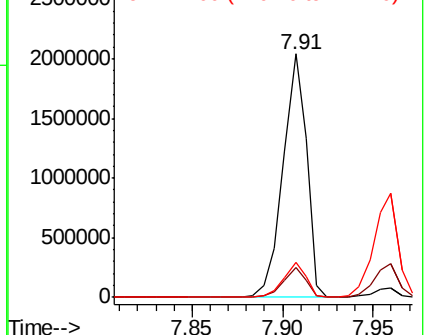
128 100

129 12.0 9.7 14.5

127 14.3 11.1 16.7



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



#32

Benzoic acid

Concen: 35.722 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

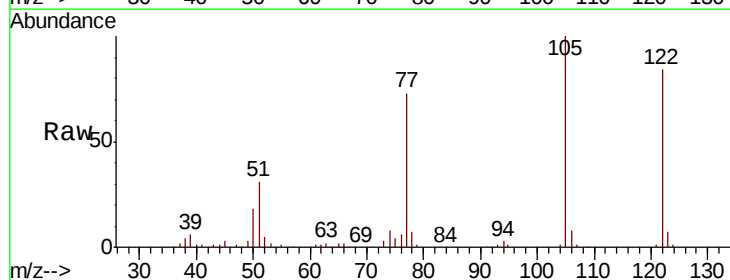
Tgt Ion:122 Resp: 364570

Ion Ratio Lower Upper

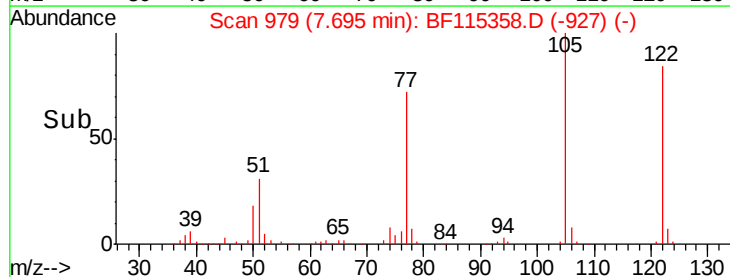
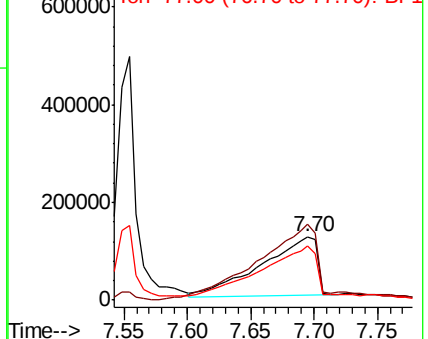
122 100

105 118.9 98.1 138.1

77 86.4 67.0 107.0



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

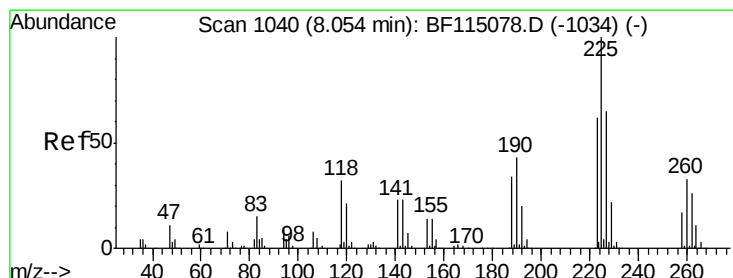
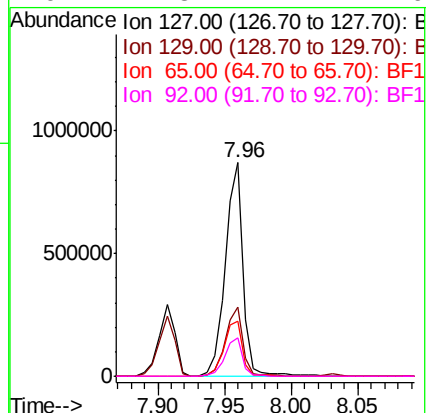
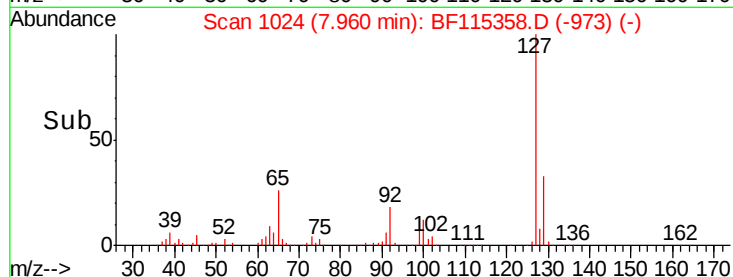
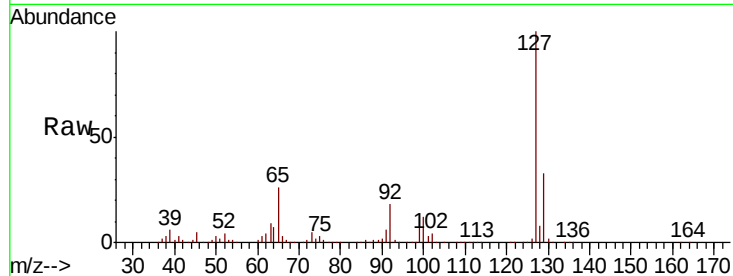




#33
4-Chloroaniline
Concen: 36.980 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

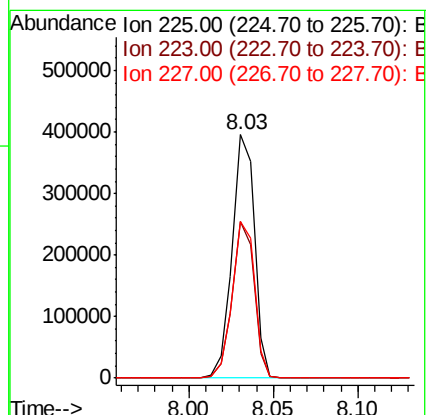
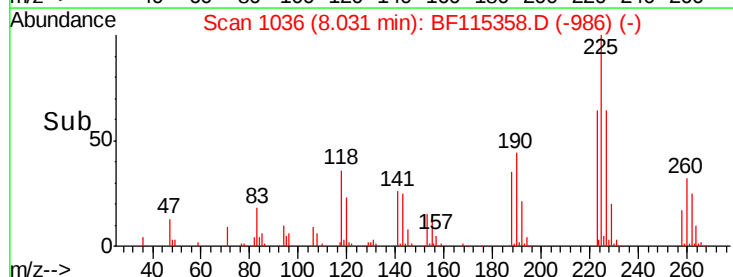
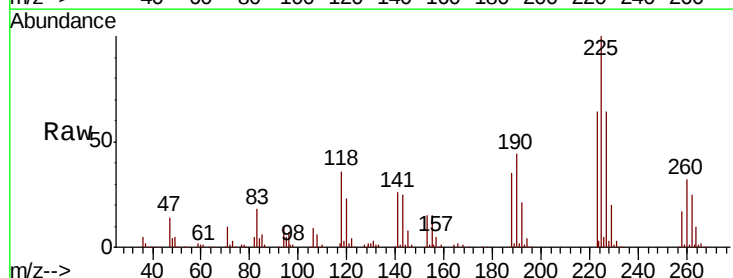
Instrument :
BNA_F
ClientSampleId :

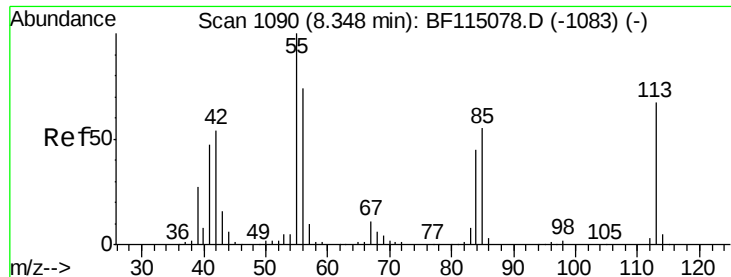
Tot Ion:	127	Resp:	819120
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	26.0	21.3	31.9
92	17.8	14.4	21.6



#34
Hexachlorobutadiene
Concen: 40.576 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:	225	Resp:	362395
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	64.2	52.3	78.5

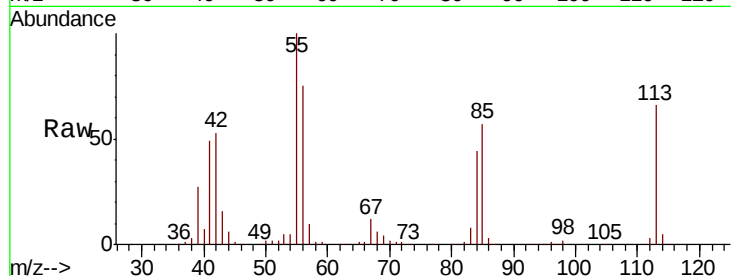




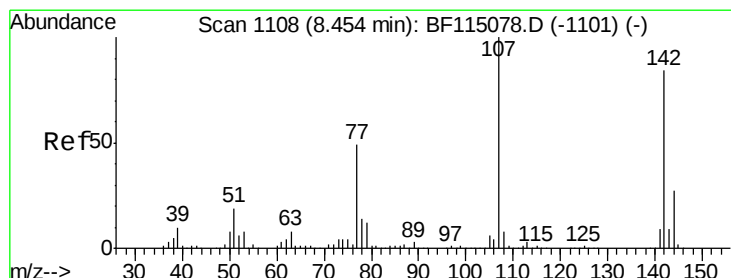
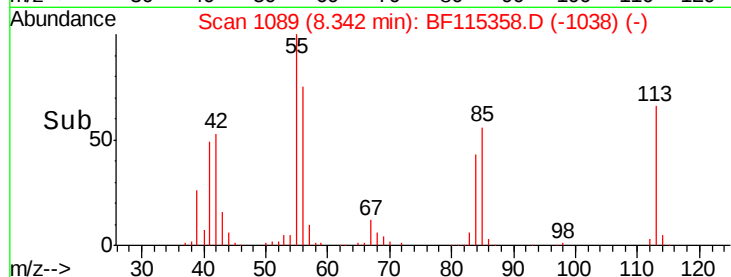
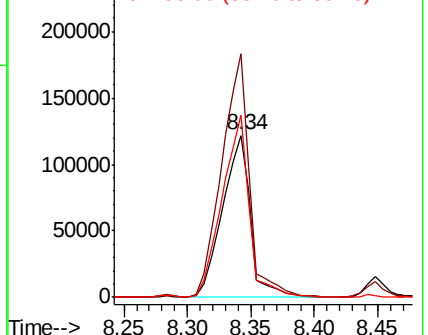
#35
 Caprolactam
 Concen: 37.241 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 184739
 Ion Ratio Lower Upper
 113 100
 55 150.5 125.9 165.9
 56 112.2 88.3 128.3

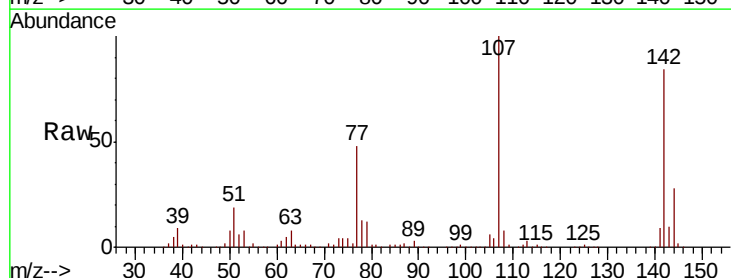


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

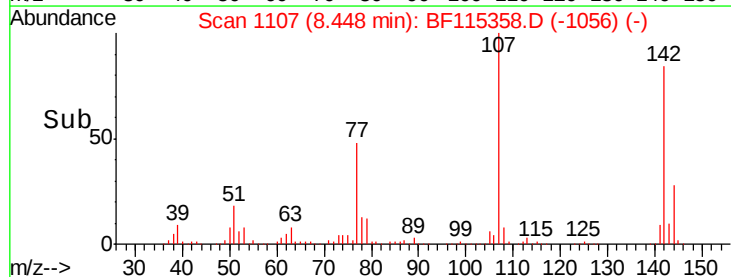
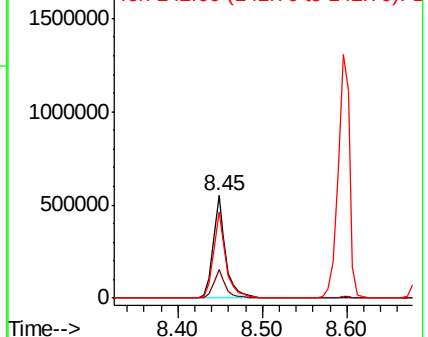


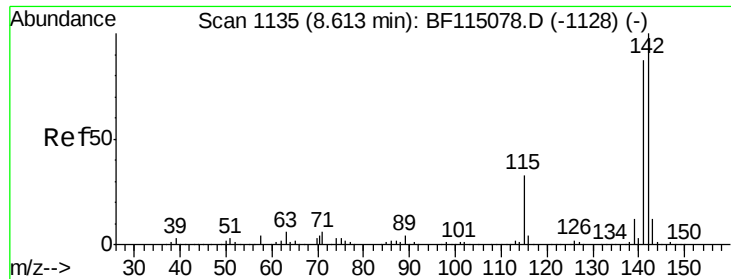
#36
 4-Chloro-3-methylphenol
 Concen: 38.795 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:107 Resp: 579697
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.4 32.0
 142 84.5 66.6 99.8



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

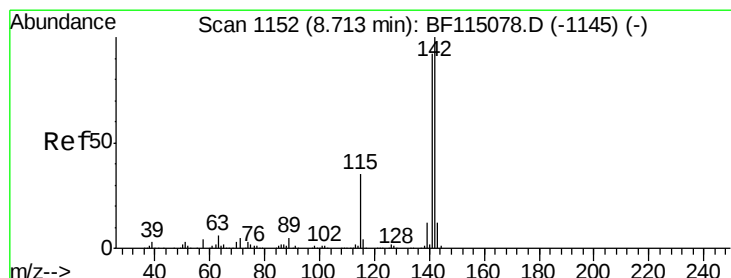
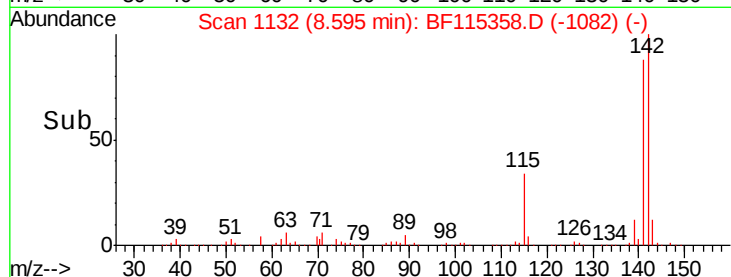
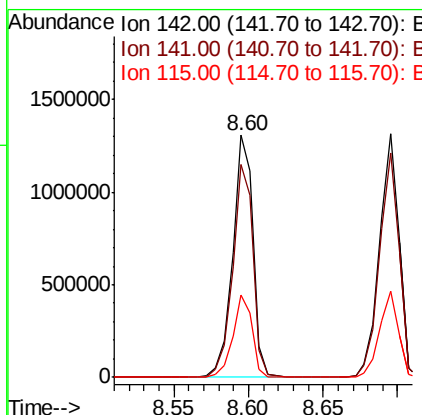
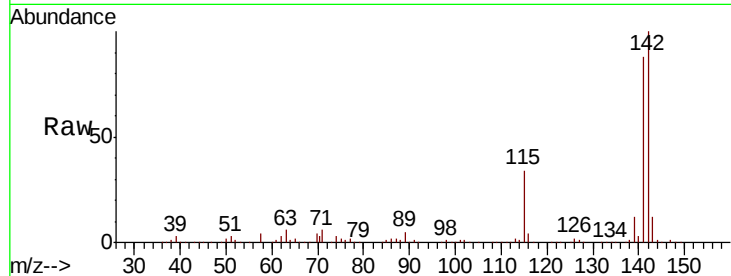




#37
2-Methylnaphthalene
Concen: 38.234 ng
RT: 8.60 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

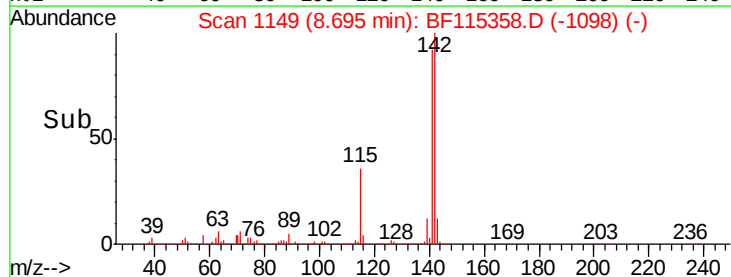
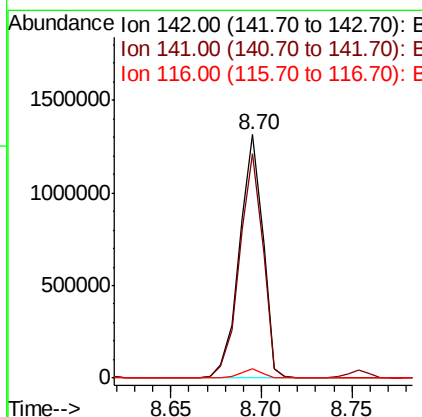
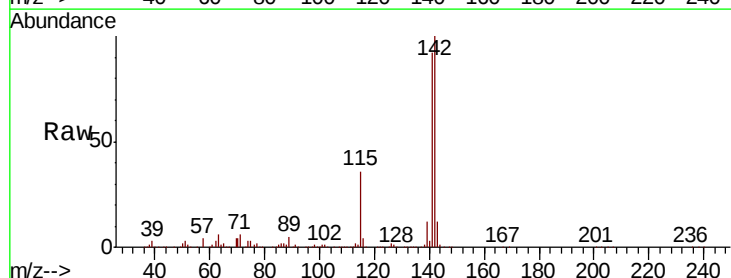
Instrument :
BNA_F
ClientSampleId :

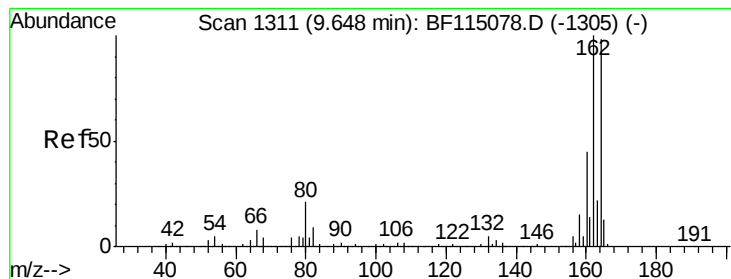
Tot Ion:142 Resp: 1249446
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6
115 34.0 25.9 38.9



#38
1-Methylnaphthalene
Concen: 37.659 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:142 Resp: 1175345
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

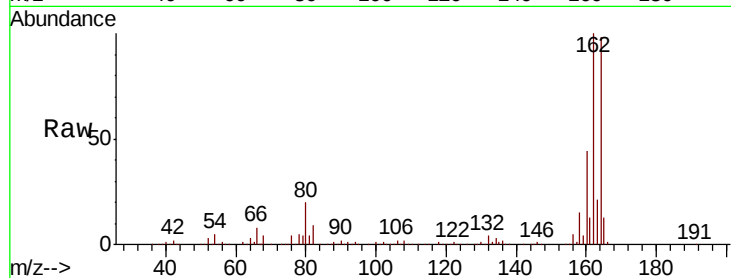
Tot Ion:164 Resp: 481130

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

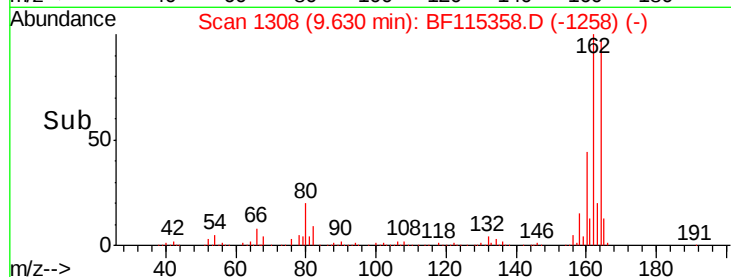
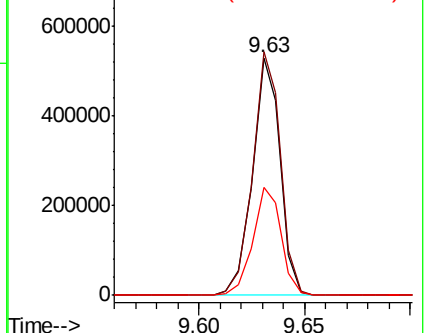
160 45.6 37.0 55.6



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: 41.150 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Tgt Ion:216 Resp: 559470

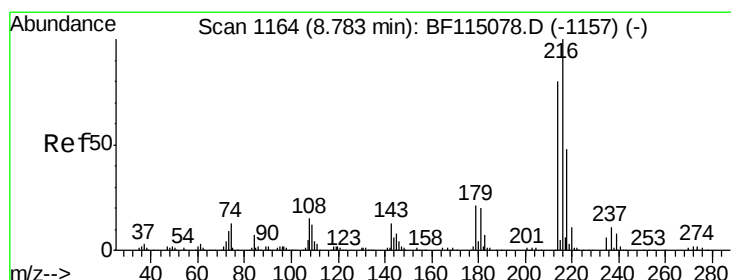
Ion Ratio Lower Upper

216 100

214 79.1 63.9 95.9

179 22.2 17.8 26.8

108 18.4 14.8 22.2

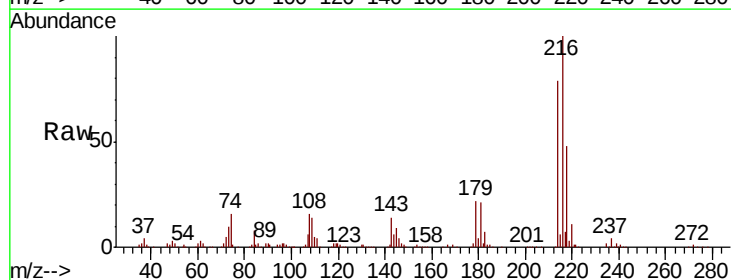
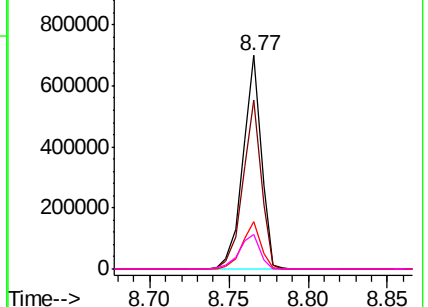


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.320 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

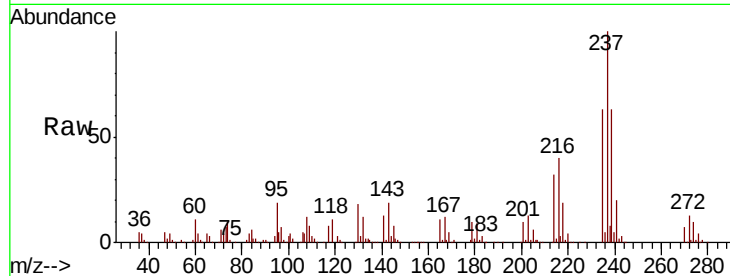
Tot Ion:237 Resp: 268622

Ion Ratio Lower Upper

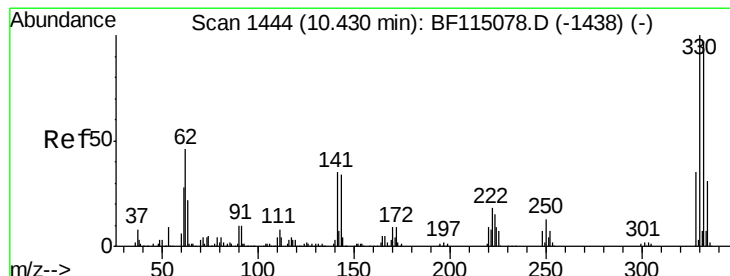
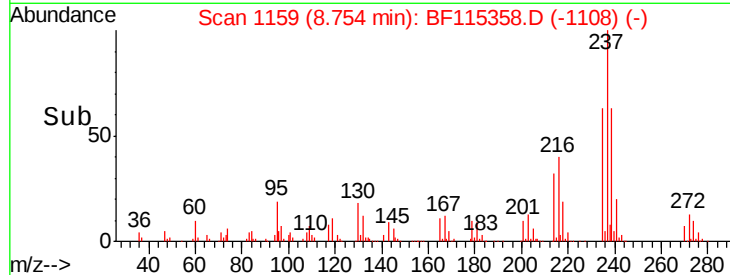
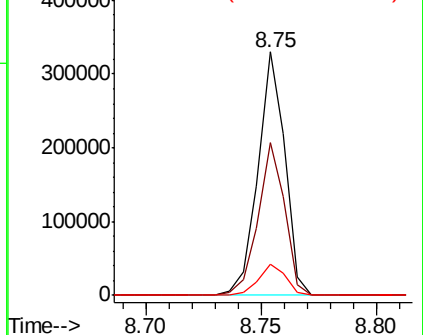
237 100

235 62.9 42.6 82.6

272 12.8 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 80.712 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

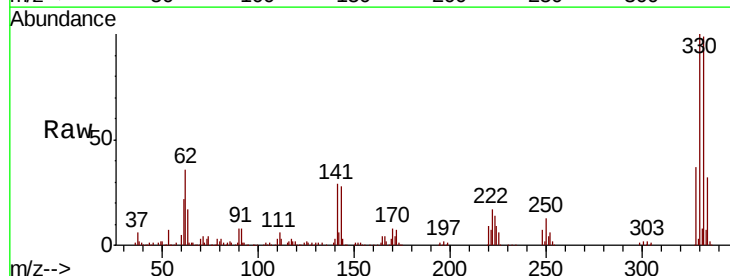
Tgt Ion:330 Resp: 409510

Ion Ratio Lower Upper

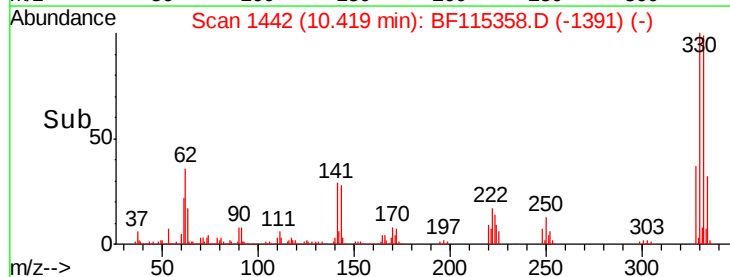
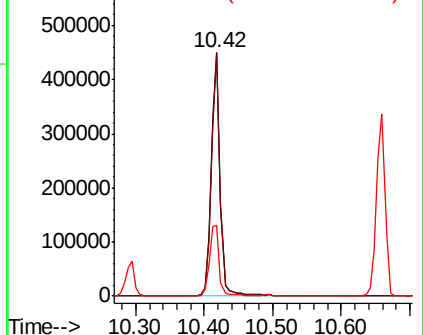
330 100

332 97.3 77.0 115.6

141 32.7 25.4 38.2



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

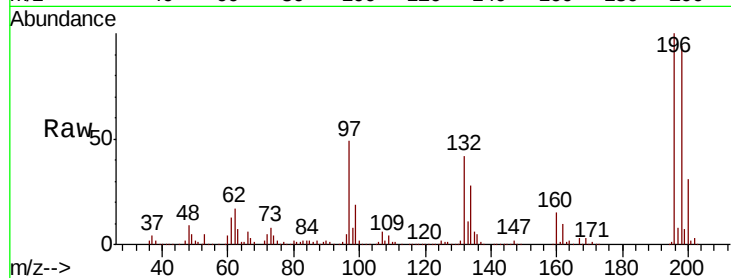




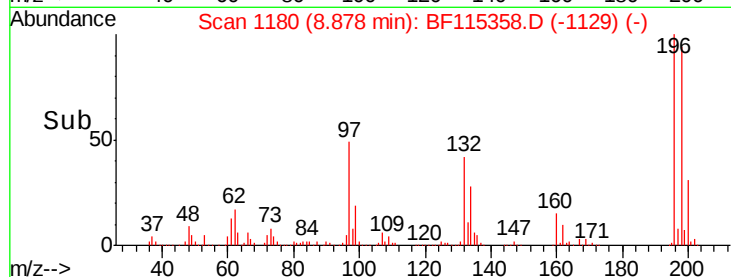
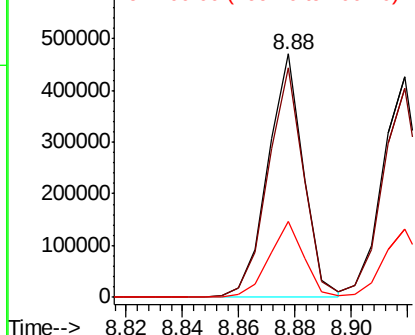
#43
 2,4,6-Trichlorophenol
 Concen: 39.090 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 410305
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.6 113.4
 200 31.1 24.2 36.2

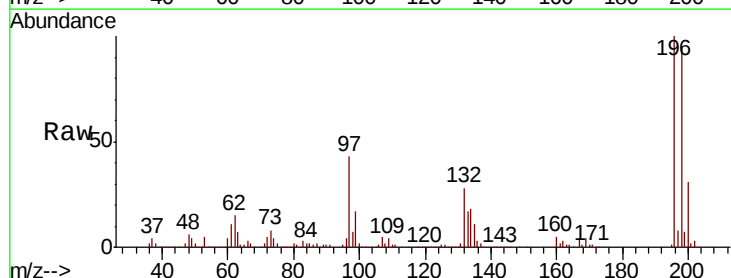


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

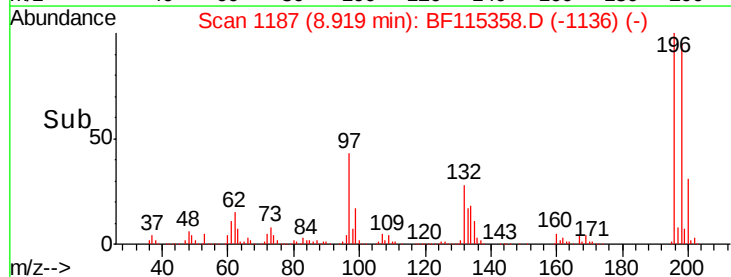
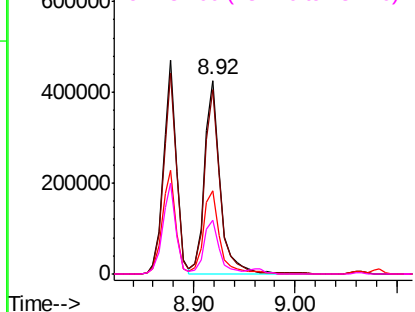


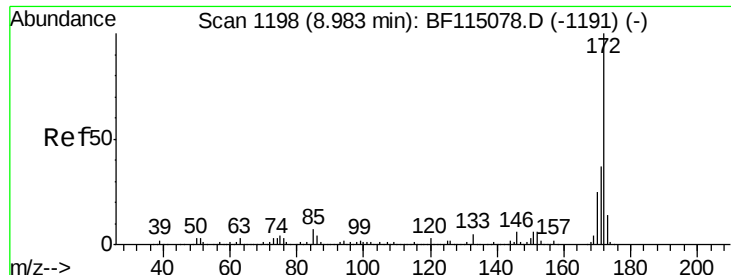
#44
 2,4,5-Trichlorophenol
 Concen: 41.897 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:196 Resp: 452887
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.0
 97 42.9 37.5 56.3
 132 27.6 23.4 35.0



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

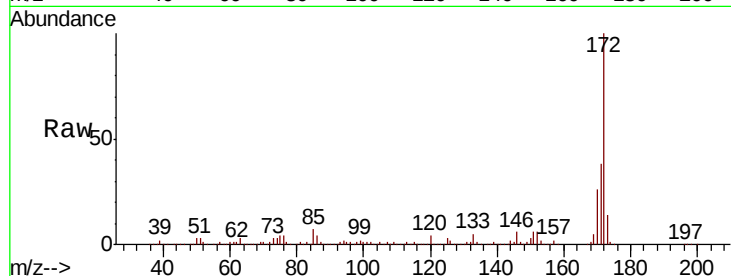




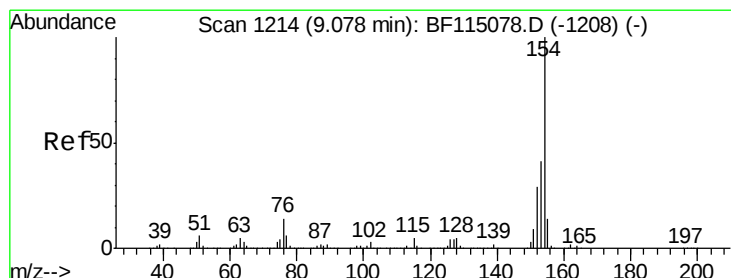
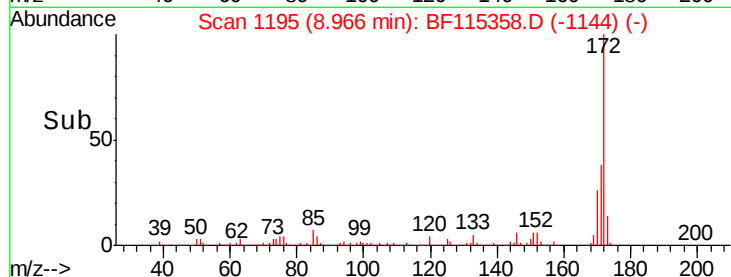
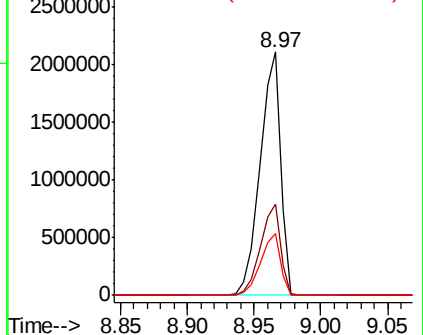
#45
2-Fluorobiphenyl
Concen: 78.084 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2211721
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.8
170 25.6 20.2 30.4

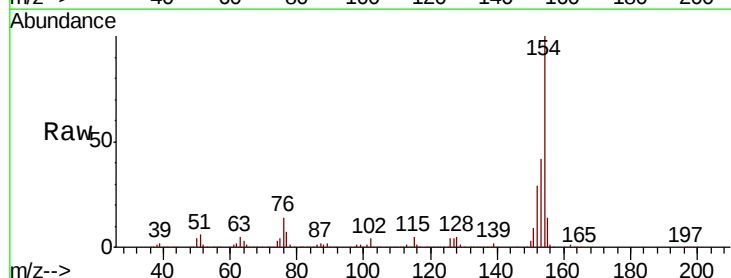


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

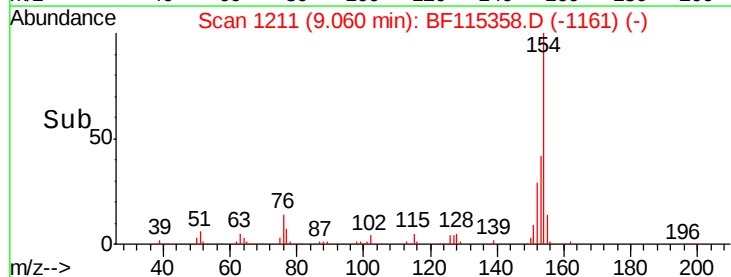
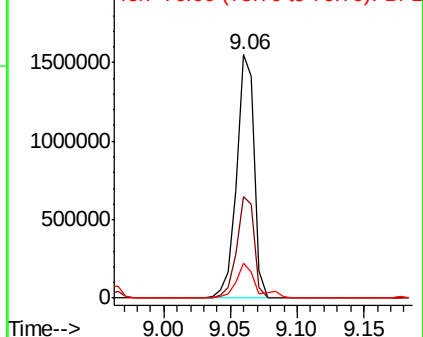


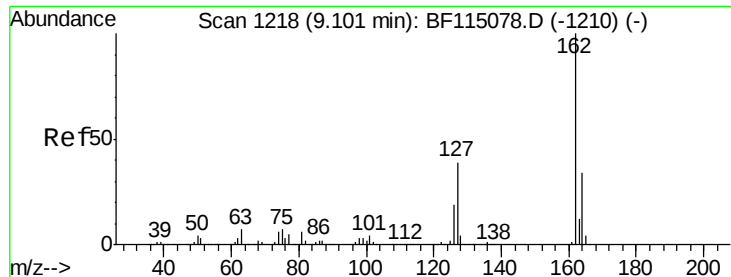
#46
1,1'-Biphenyl
Concen: 37.272 ng
RT: 9.06 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:154 Resp: 1434852
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 14.3 0.0 32.1



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

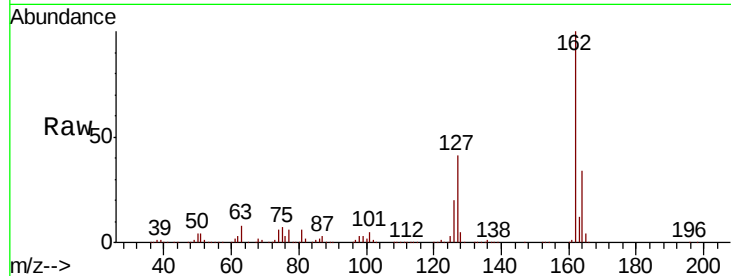




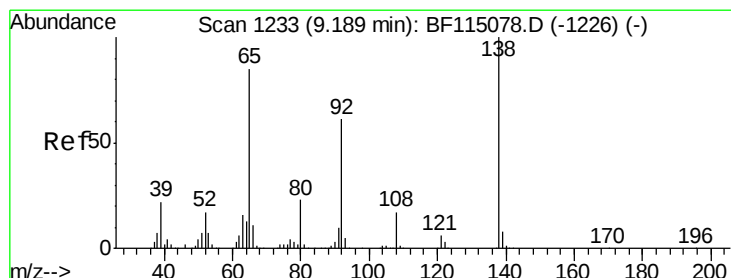
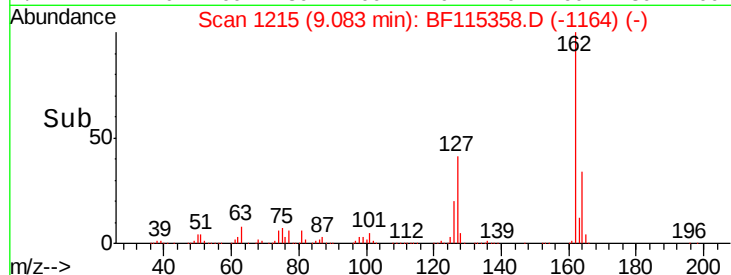
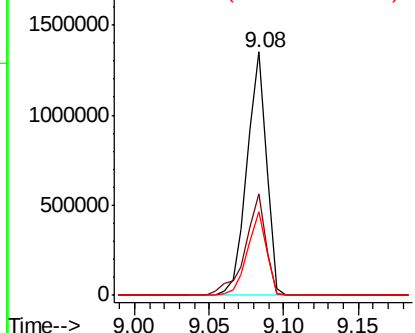
#47
 2-Chloronaphthalene
 Concen: 38.960 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1216613
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.5 48.7
 164 34.1 26.7 40.1

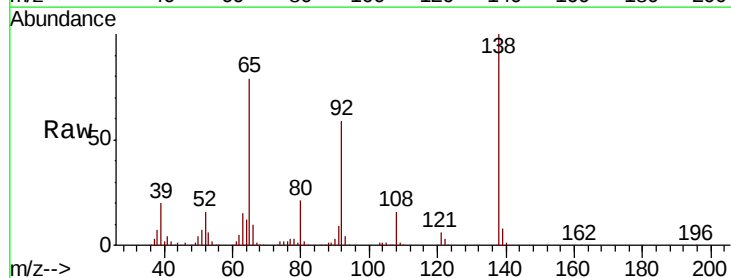


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

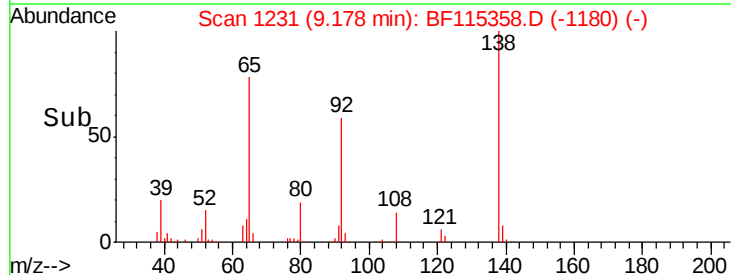
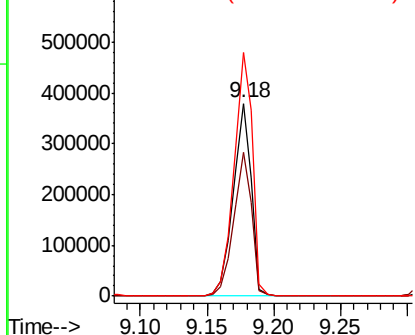


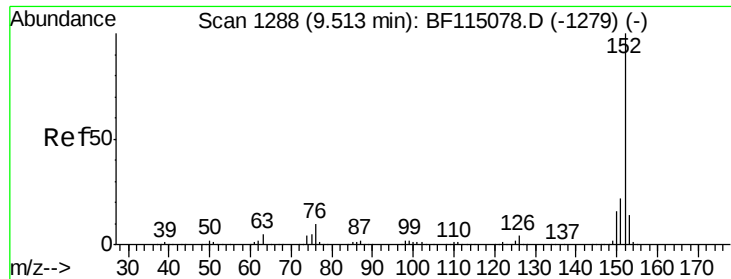
#48
 2-Nitroaniline
 Concen: 39.928 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion: 65 Resp: 363504
 Ion Ratio Lower Upper
 65 100
 92 74.5 58.7 88.1
 138 126.5 97.0 145.6



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: 38.157 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

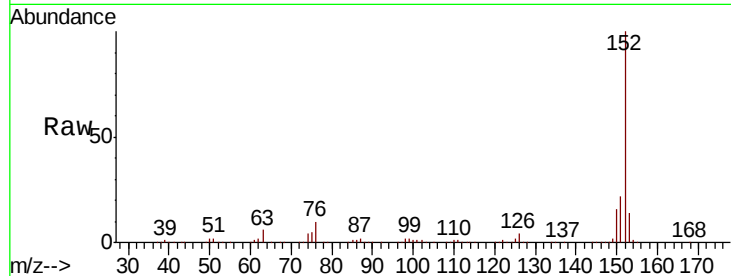
Tot Ion:152 Resp: 1856452

Ion Ratio Lower Upper

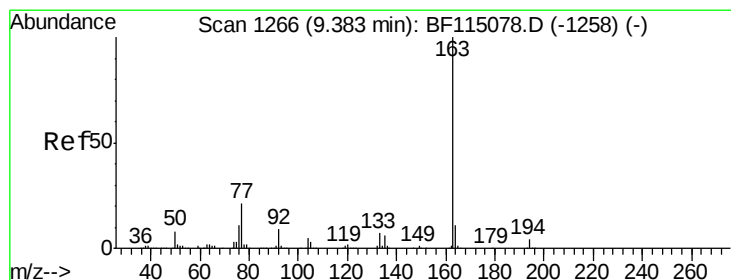
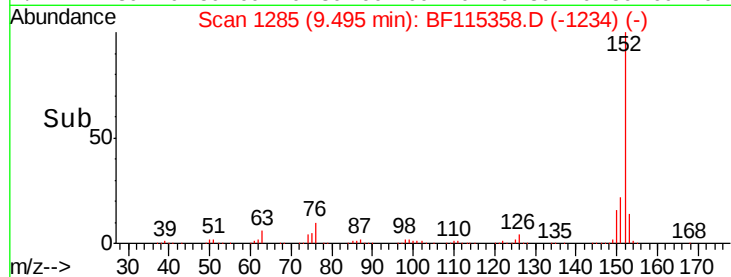
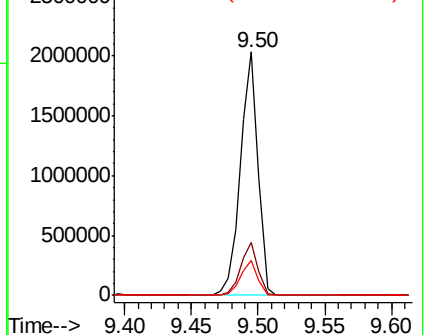
152 100

151 21.6 17.3 25.9

153 14.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.844 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

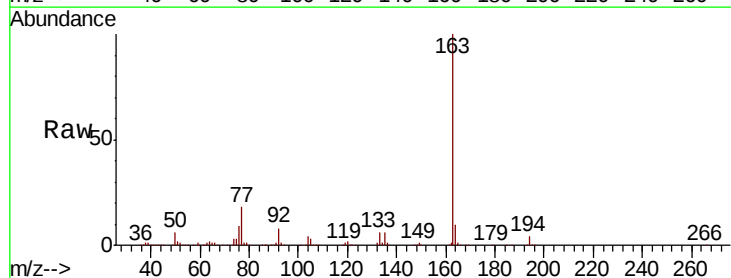
Tgt Ion:163 Resp: 1410381

Ion Ratio Lower Upper

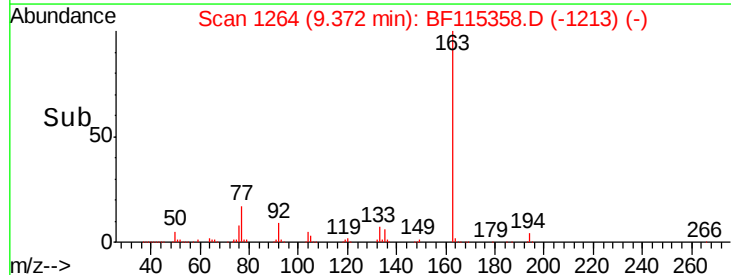
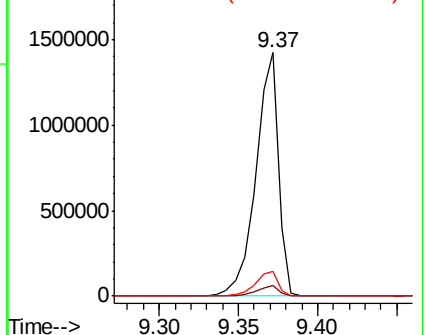
163 100

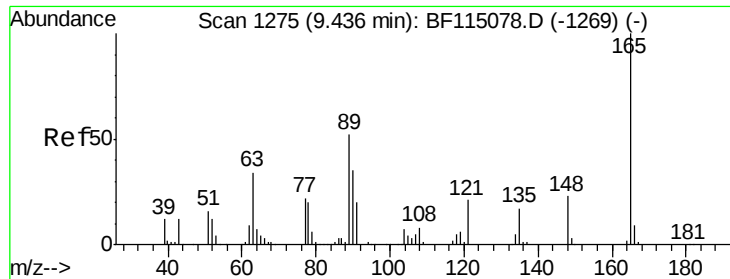
194 4.2 3.4 5.0

164 10.3 8.0 12.0



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

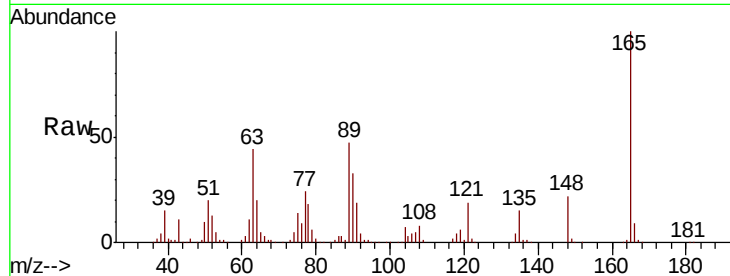




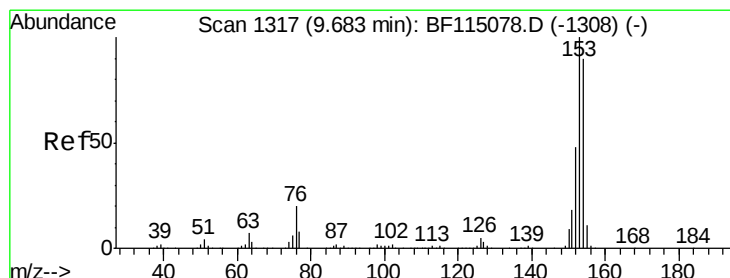
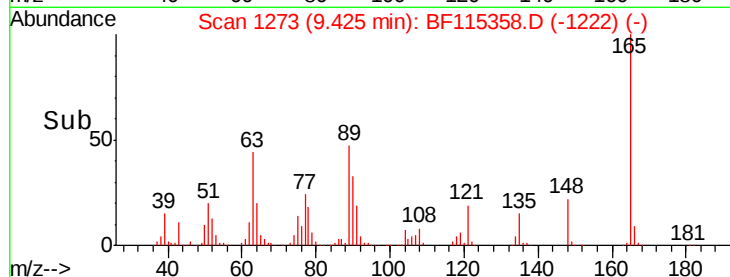
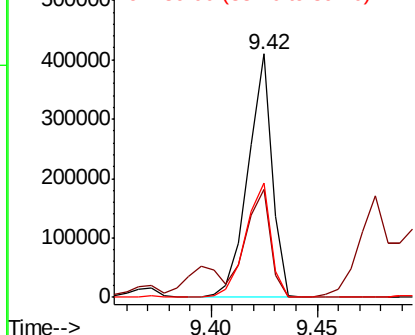
#51
2,6-Dinitrotoluene
Concen: 39.967 ng
RT: 9.42 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 326623
Ion Ratio Lower Upper
165 100
63 44.1 37.0 55.4
89 47.0 40.4 60.6

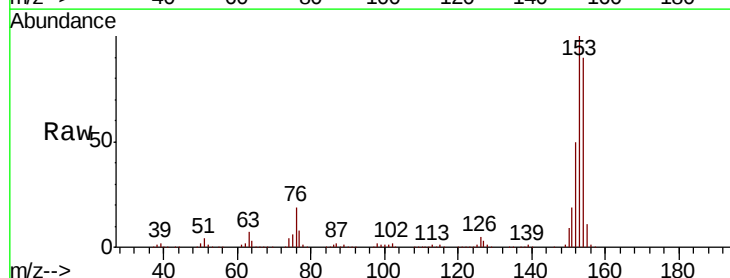


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

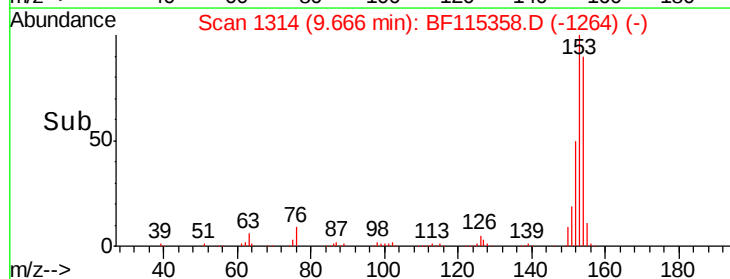
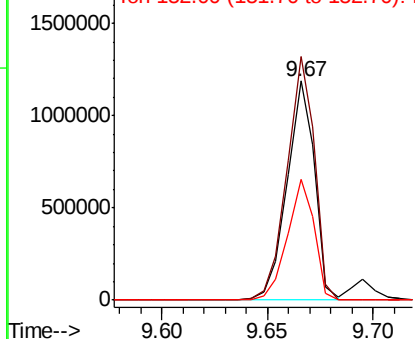


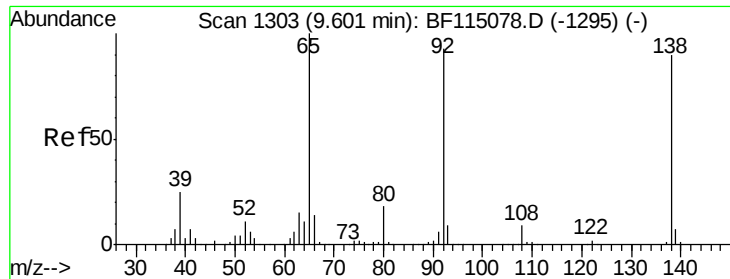
#52
Acenaphthene
Concen: 35.517 ng
RT: 9.67 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:154 Resp: 1081304
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.6
152 55.1 43.4 65.0



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

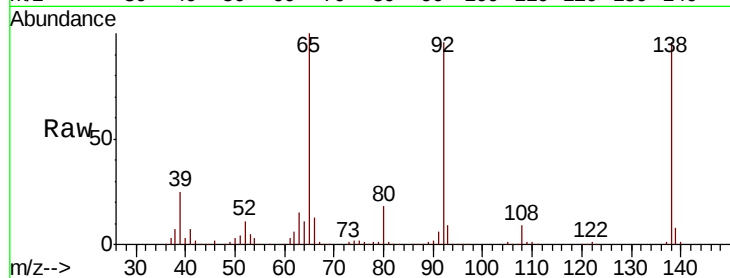




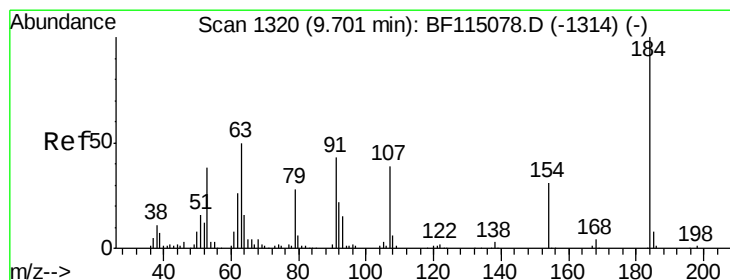
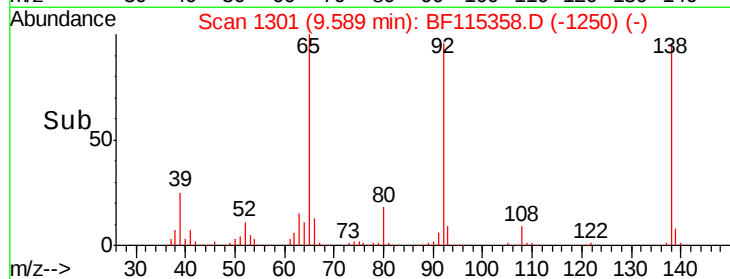
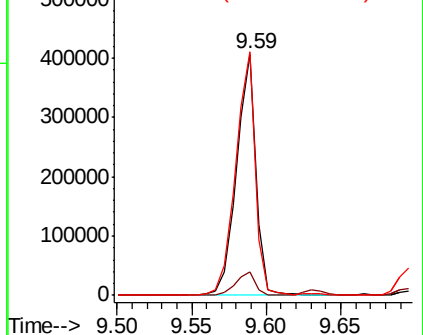
#53
3-Nitroaniline
Concen: 37.247 ng
RT: 9.59 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 371460
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 100.8 82.9 124.3

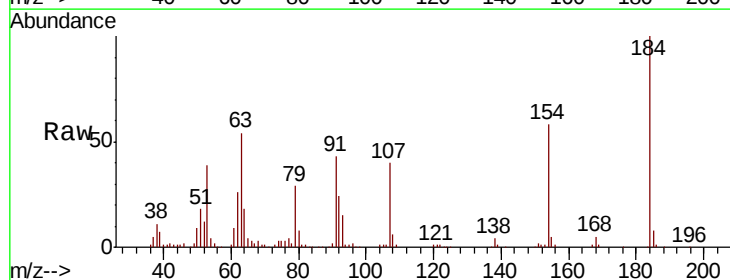


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

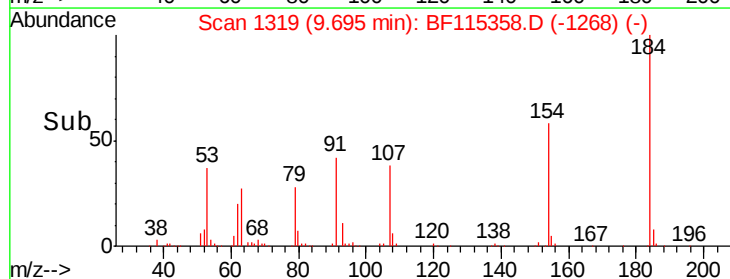
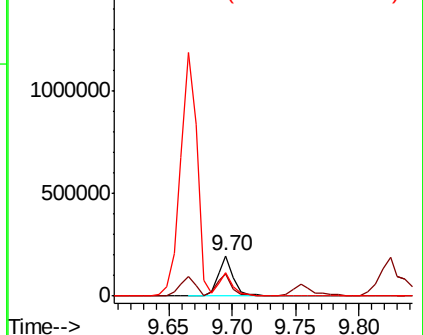


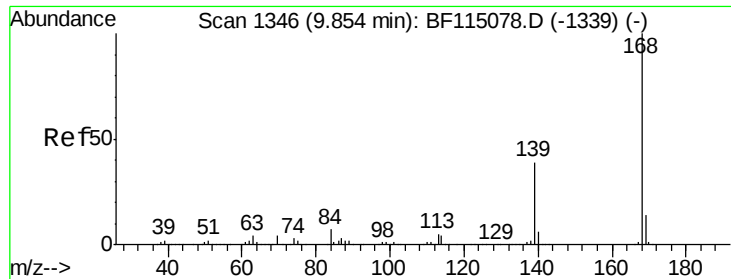
#54
2,4-Dinitrophenol
Concen: 43.872 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:184 Resp: 169136
Ion Ratio Lower Upper
184 100
63 54.1 49.4 74.0
154 58.4 47.5 71.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

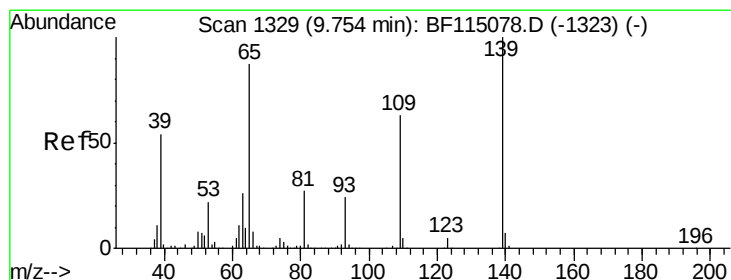
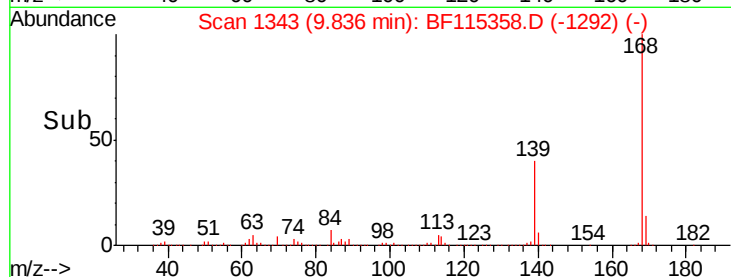
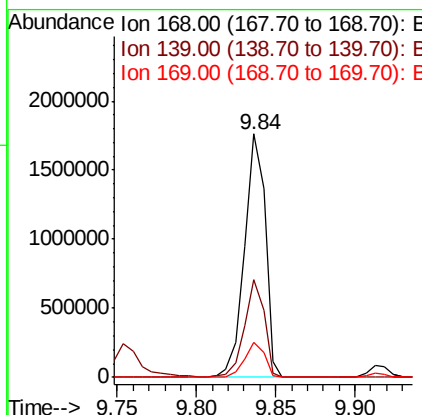
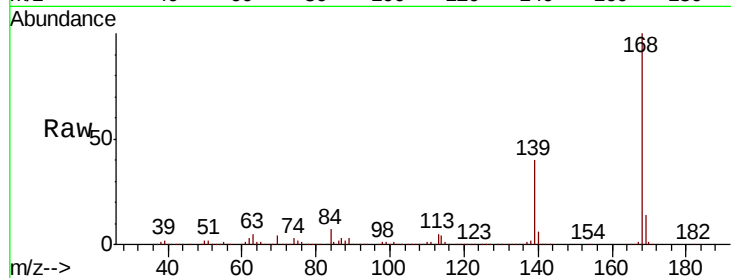




#55
Dibenzofuran
Concen: 36.509 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

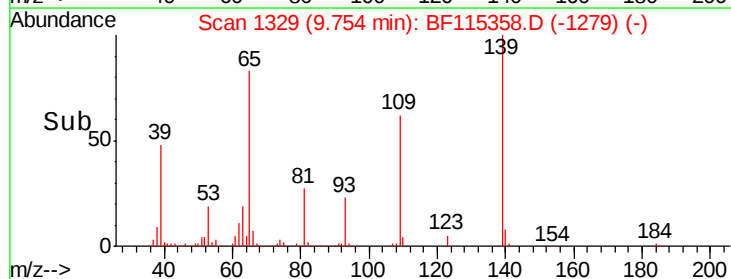
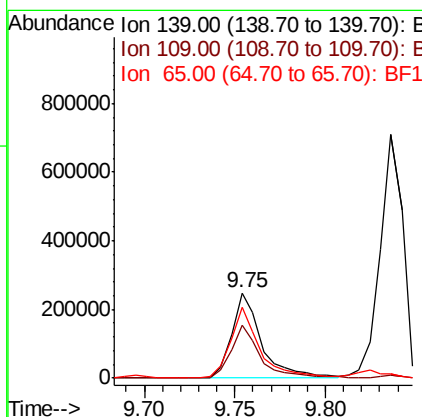
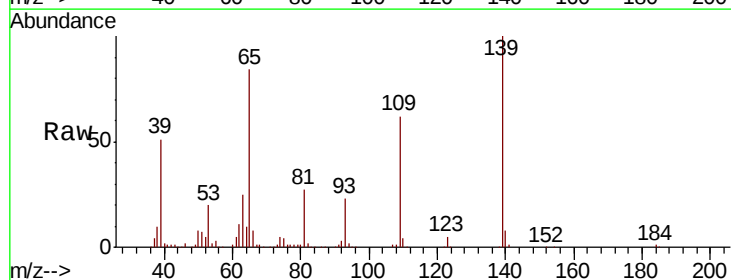
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1595317
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.2
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 35.586 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:139 Resp: 284517
Ion Ratio Lower Upper
139 100
109 61.9 38.6 78.6
65 83.5 54.7 94.7

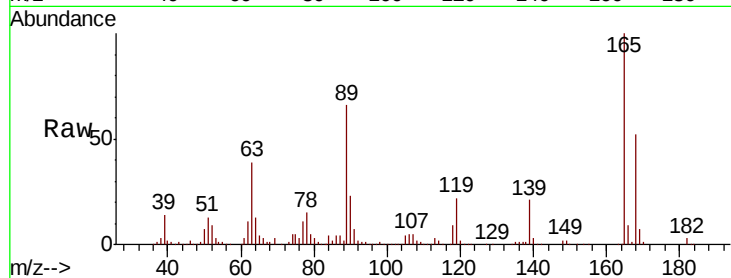




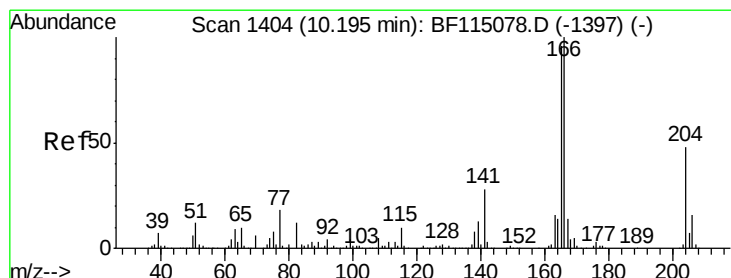
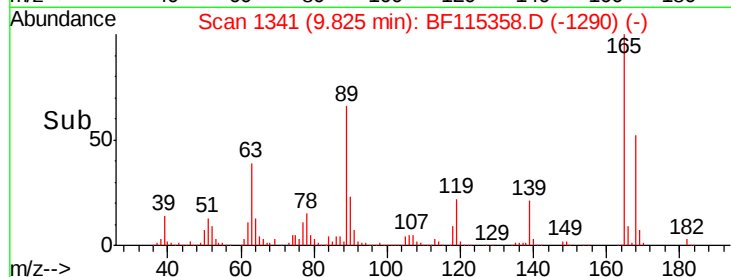
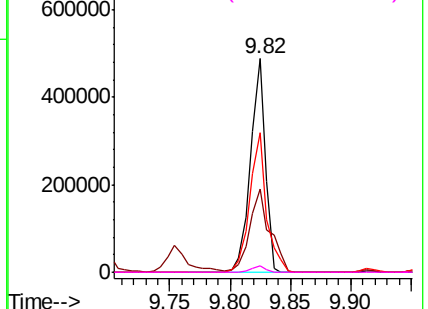
#57
 2,4-Dinitrotoluene
 Concen: 39.941 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	421460
Ion Ratio	Lower	Upper
165	100	
63	38.7	31.2 46.8
89	65.5	52.8 79.2
182	2.9	2.2 3.2

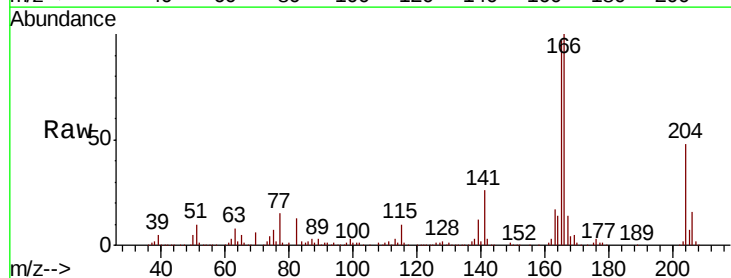


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

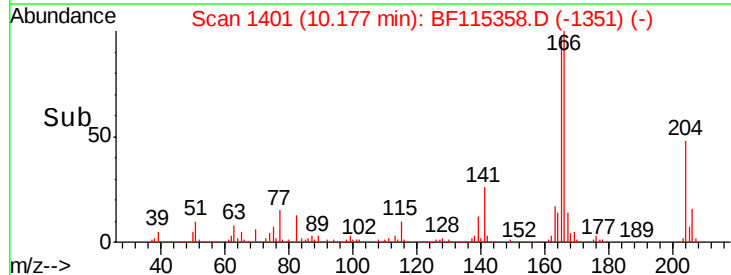
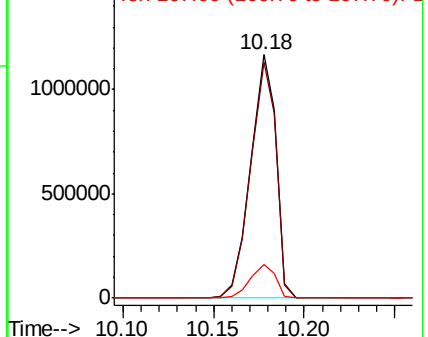


#58
 Fluorene
 Concen: 38.192 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:166	Resp:	1140091
Ion Ratio	Lower	Upper
166	100	
165	96.7	78.5 117.7
167	13.6	10.5 15.7



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

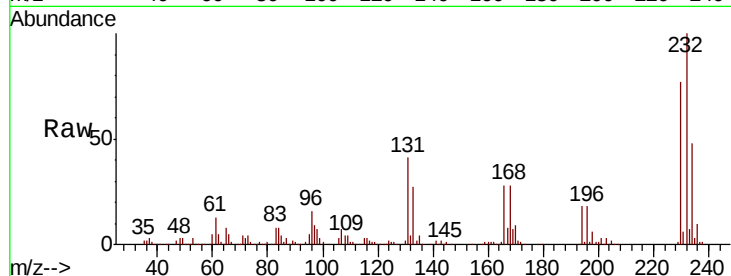




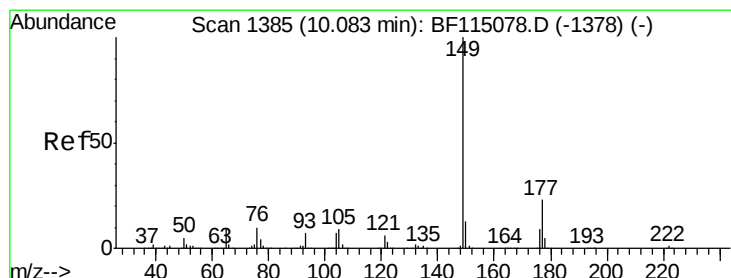
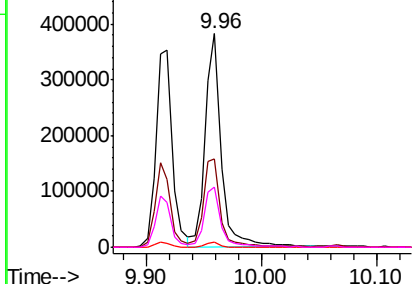
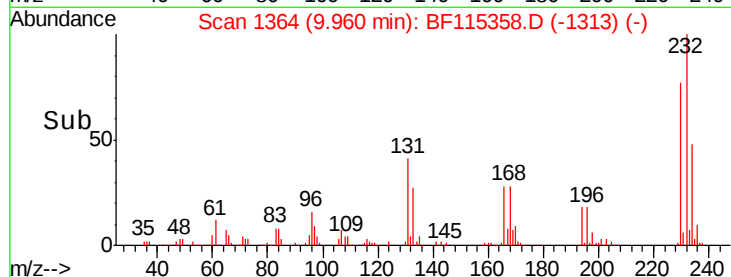
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.987 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232	Resp:	371500
Ion Ratio	Lower	Upper
232	100	
131	45.2	35.0 52.6
130	2.1	1.7 2.5
166	29.1	22.7 34.1

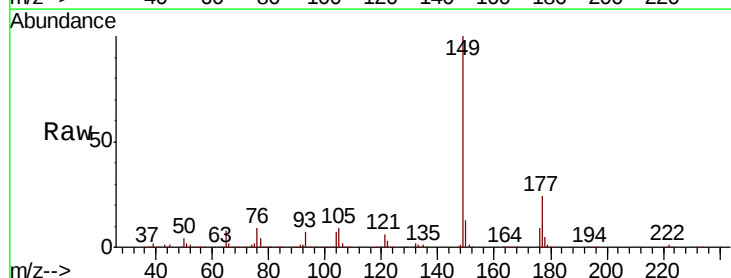


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

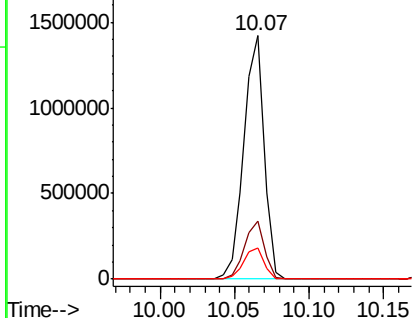
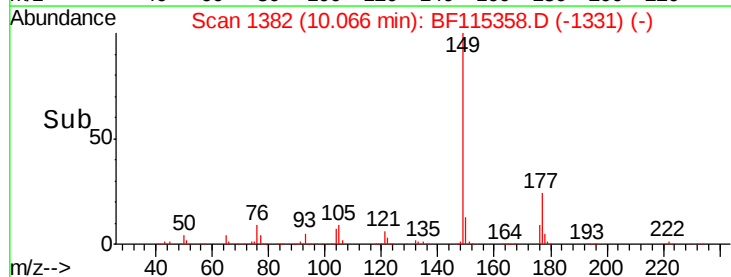


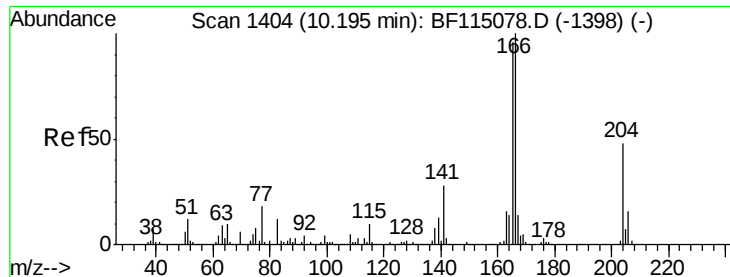
#60
 Diethylphthalate
 Concen: 37.734 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:149	Resp:	1342660
Ion Ratio	Lower	Upper
149	100	
177	23.9	19.1 28.7
150	13.0	10.2 15.2



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

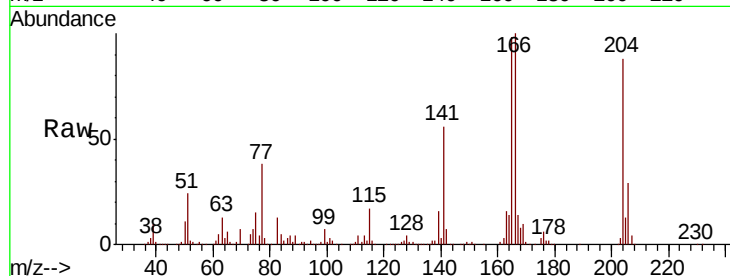




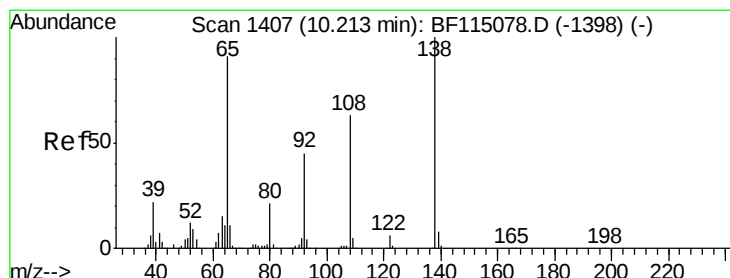
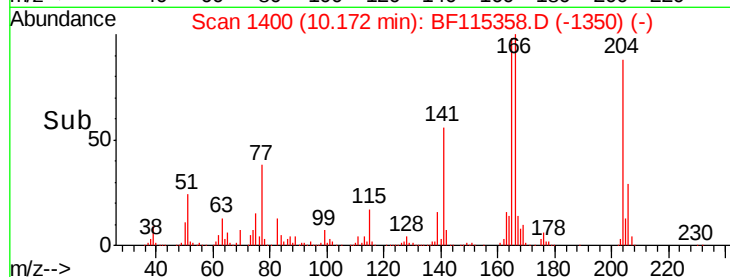
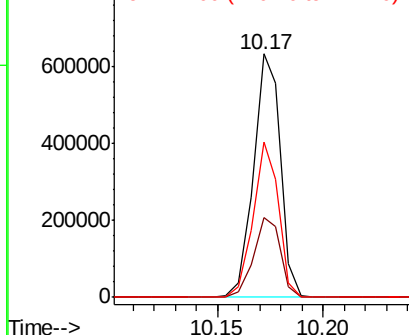
#61
4-Chlorophenyl-phenylether
Concen: 39.511 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 557721
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.6 47.0 70.4

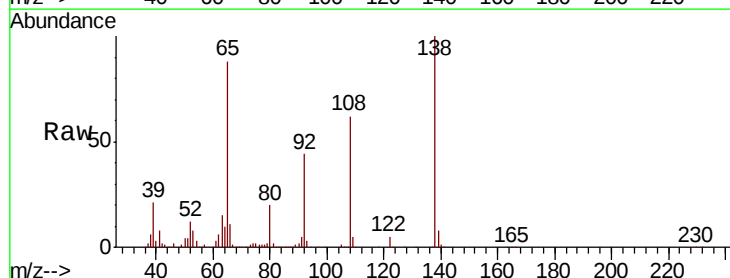


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

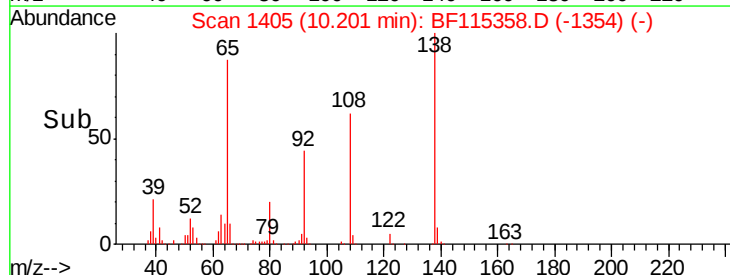
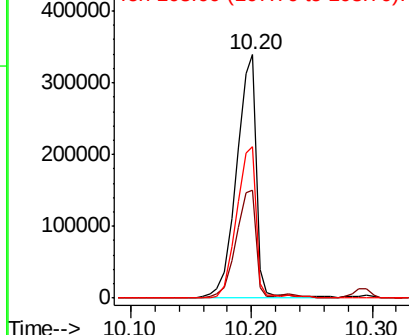


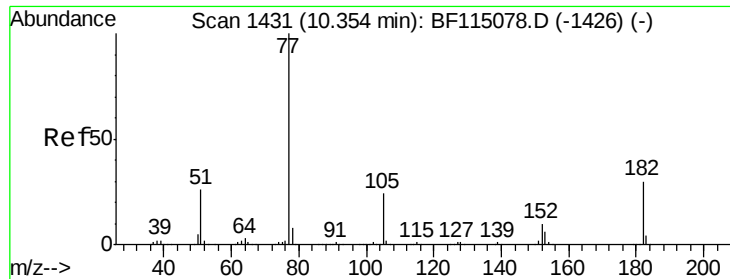
#62
4-Nitroaniline
Concen: 38.925 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:138 Resp: 389436
Ion Ratio Lower Upper
138 100
92 44.2 22.1 62.1
108 62.4 41.9 81.9



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: 36.846 ng

RT: 10.34 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1224584

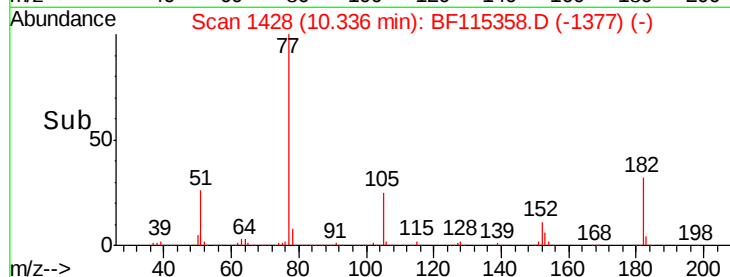
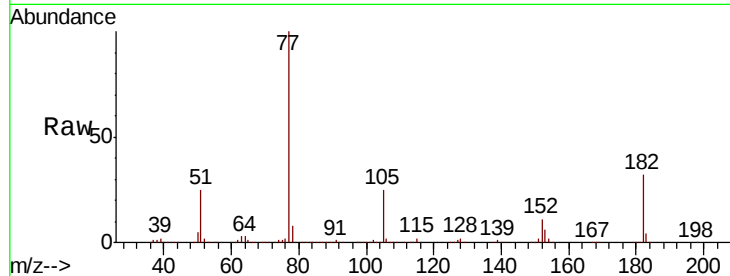
Ion	Ratio	Lower	Upper
77	100		
182	32.2	10.2	50.2
105	24.7	4.5	44.5
51	25.5	6.2	46.2

77 100

182 32.2 10.2 50.2

105 24.7 4.5 44.5

51 25.5 6.2 46.2



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

2000000

1500000

1000000

500000

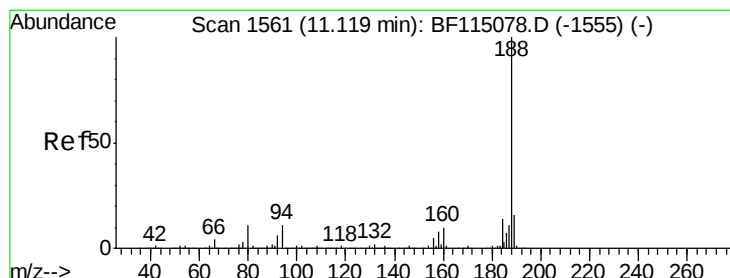
0

10.30

10.34

10.40

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

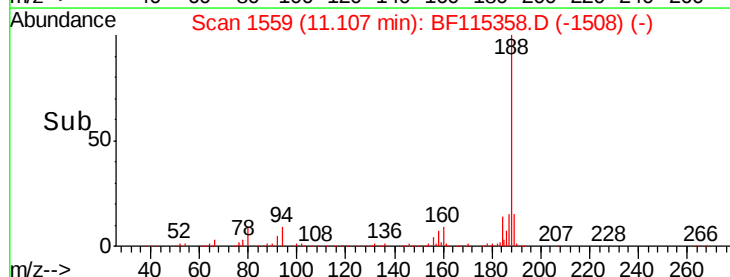
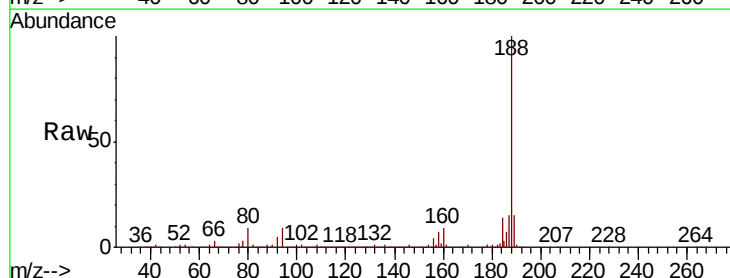
Tgt Ion: 188 Resp: 924901

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.3	7.9	11.9

188 100

94 9.1 7.6 11.4

80 9.3 7.9 11.9



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

1200000

1000000

800000

600000

400000

200000

0

11.05

11.11

11.15

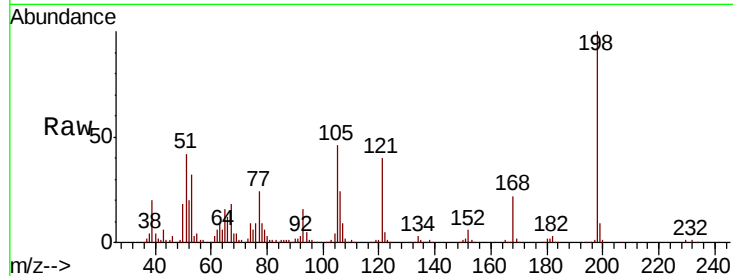
Time-->



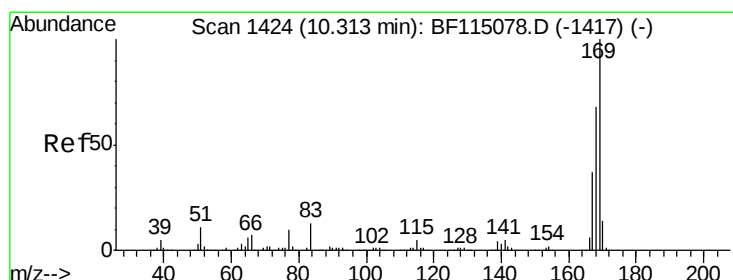
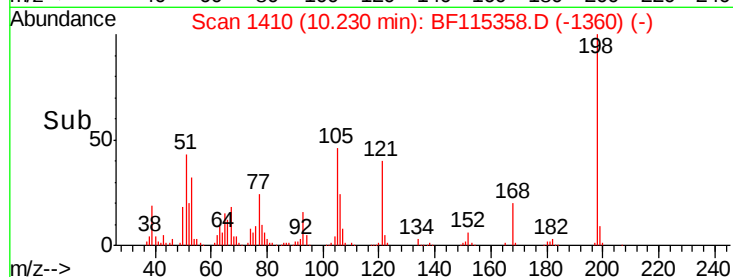
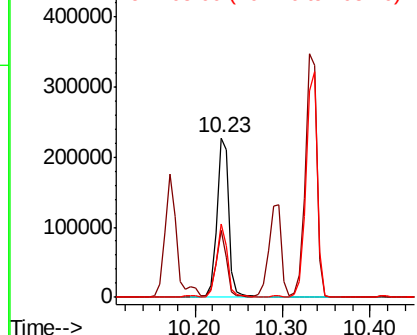
#65
4,6-Dinitro-2-methylphenol
Concen: 44.343 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 216149
Ion Ratio Lower Upper
198 100
51 42.4 13.4 53.4
105 46.3 19.8 59.8

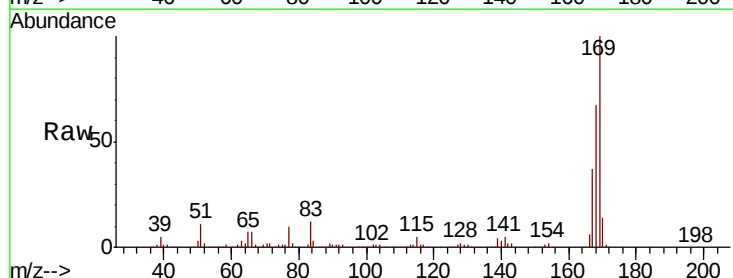


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

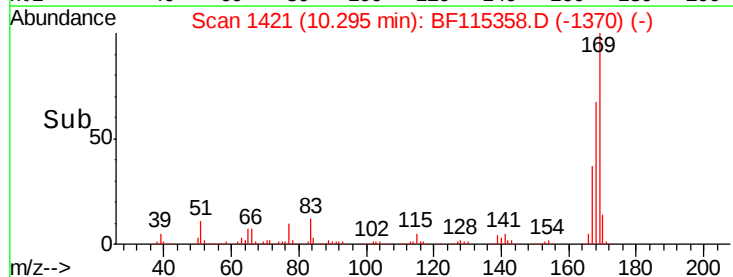
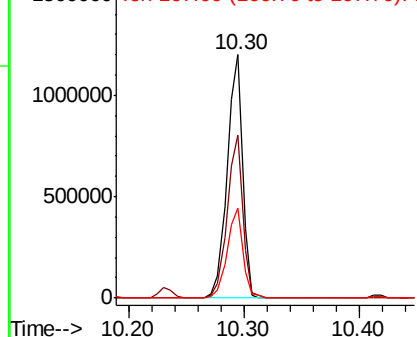


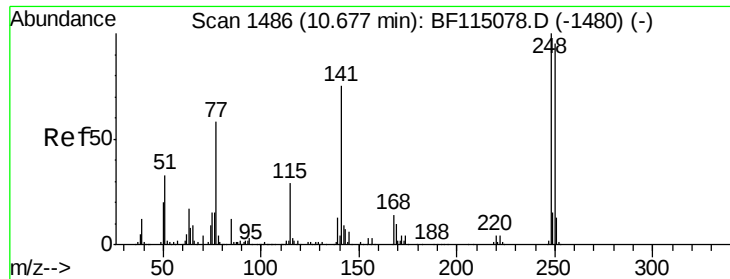
#66
n-Nitrosodiphenylamine
Concen: 38.323 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:169 Resp: 1104281
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 37.0 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

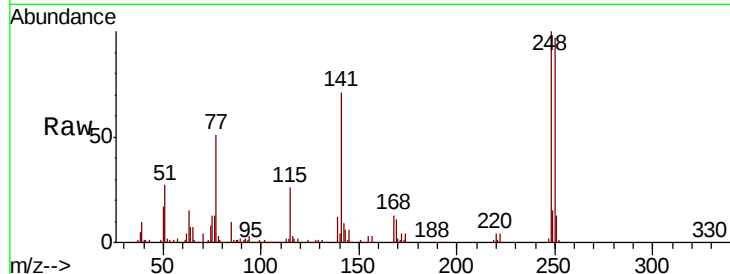




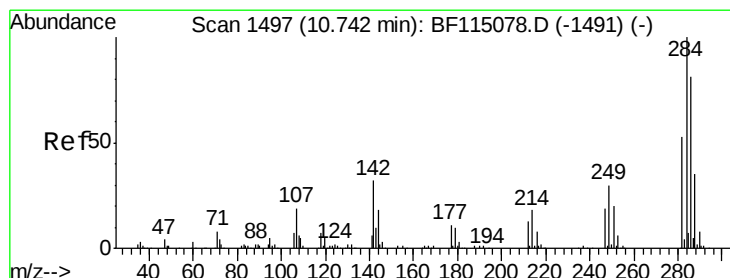
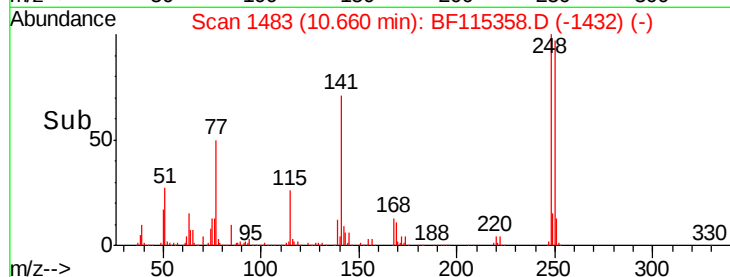
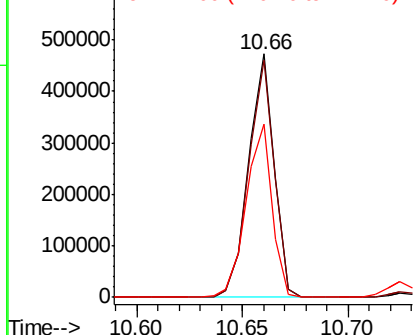
#67
4-Bromophenyl-phenylether
Concen: 39.683 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 397933
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 71.2 59.1 88.7

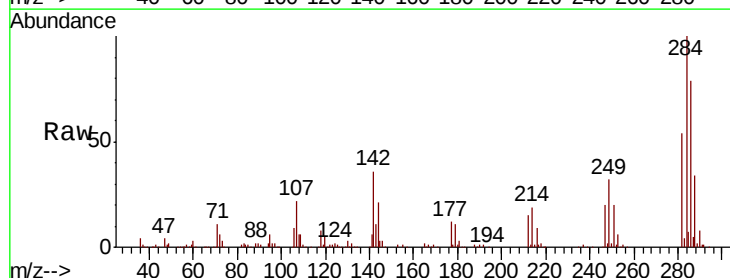


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

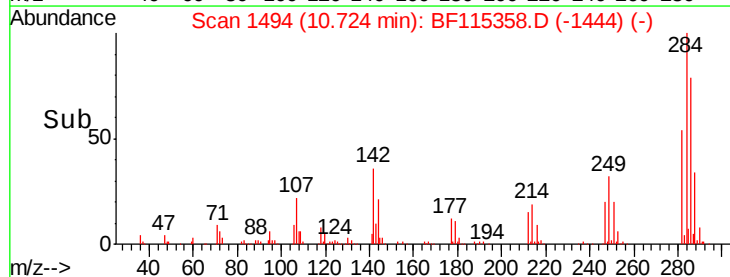
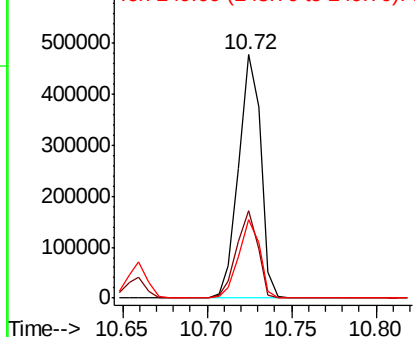


#68
Hexachlorobenzene
Concen: 40.120 ng
RT: 10.72 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:284 Resp: 436685
Ion Ratio Lower Upper
284 100
142 35.8 24.2 36.2
249 32.2 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

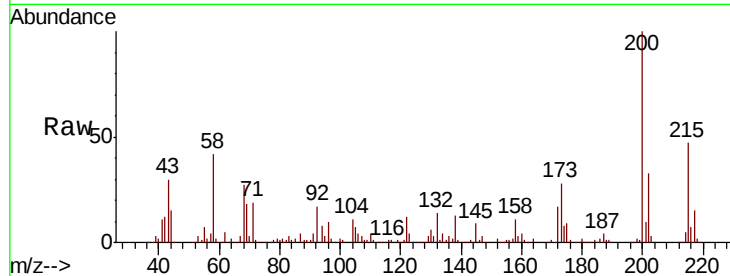




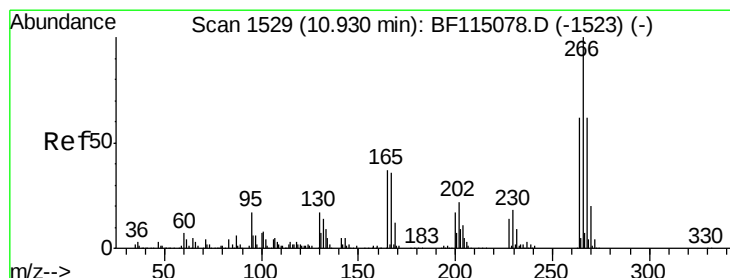
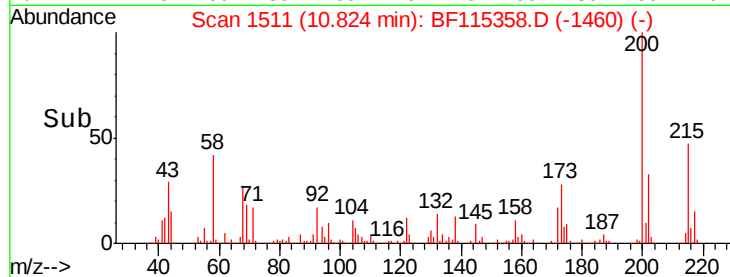
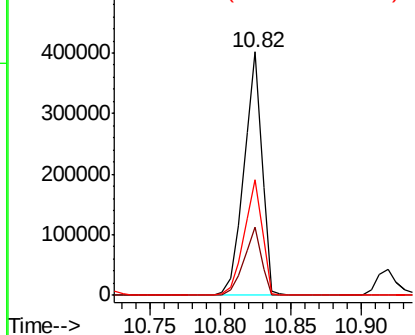
#69
Atrazine
Concen: 38.479 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 356671
Ion Ratio Lower Upper
200 100
173 28.2 8.0 48.0
215 47.4 28.7 68.7

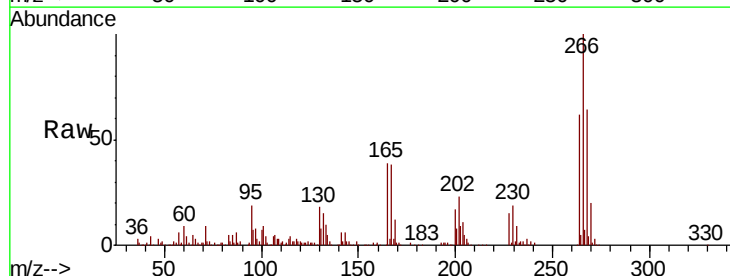


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

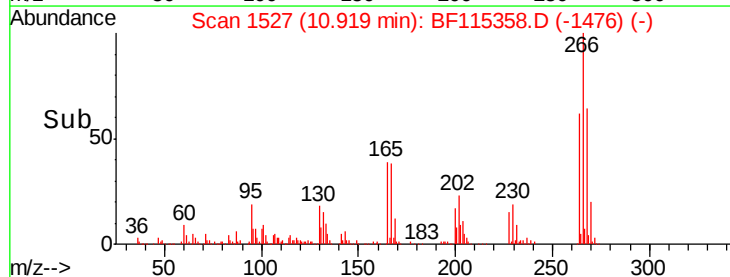
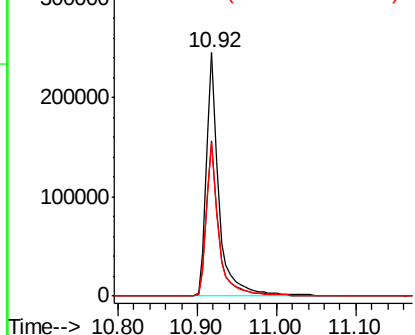


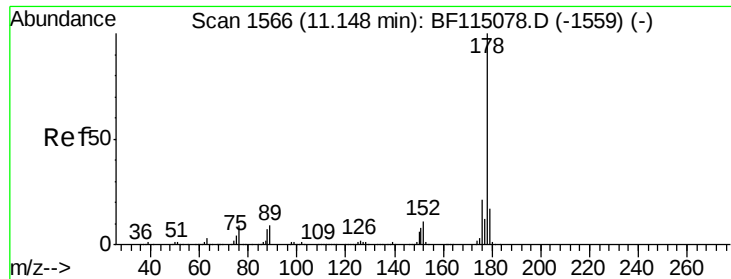
#70
Pentachlorophenol
Concen: 39.698 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:266 Resp: 275278
Ion Ratio Lower Upper
266 100
268 63.7 53.4 80.2
264 62.5 50.2 75.2



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

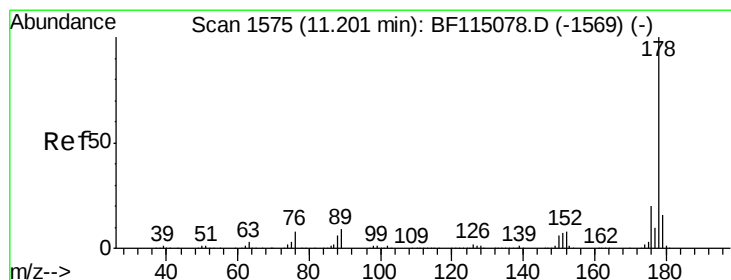
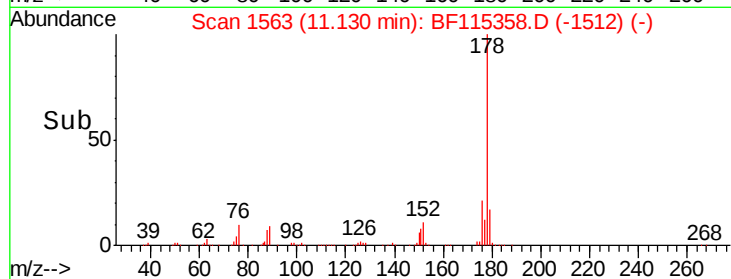
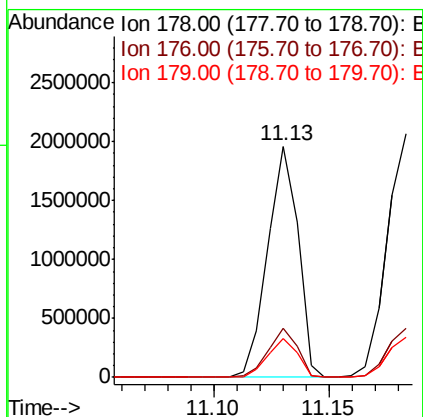
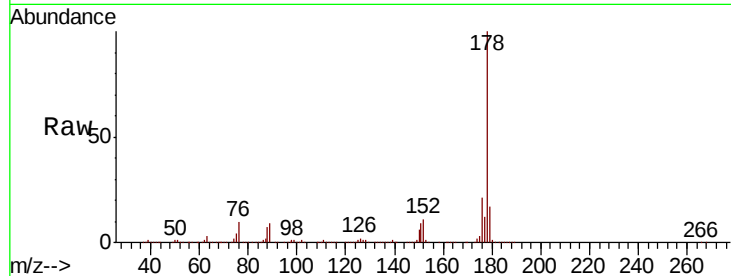




#71
Phenanthrene
Concen: 36.200 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

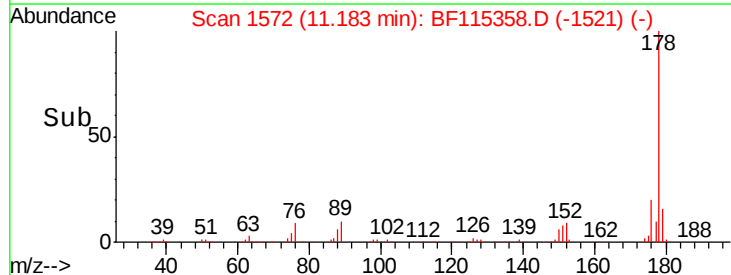
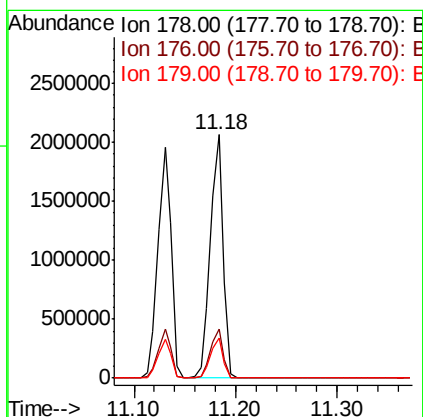
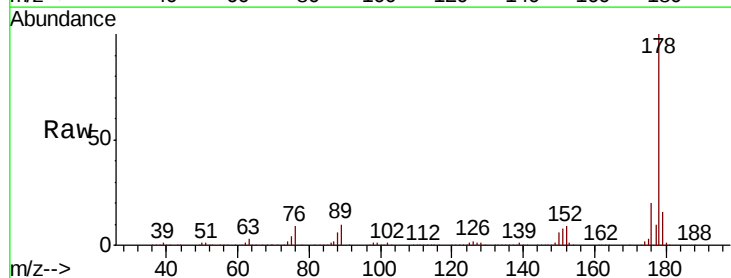
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1802682
Ion Ratio Lower Upper
178 100
176 21.0 16.4 24.6
179 16.6 13.1 19.7



#72
Anthracene
Concen: 36.317 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:178 Resp: 1825589
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.4 13.2 19.8

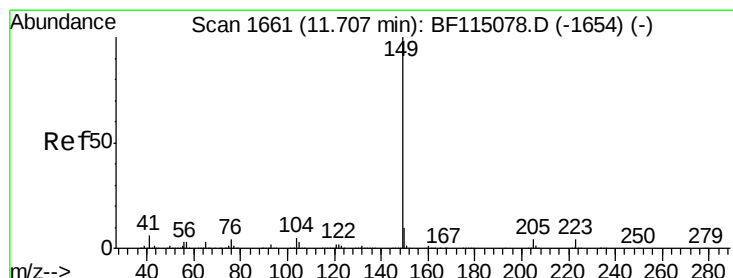
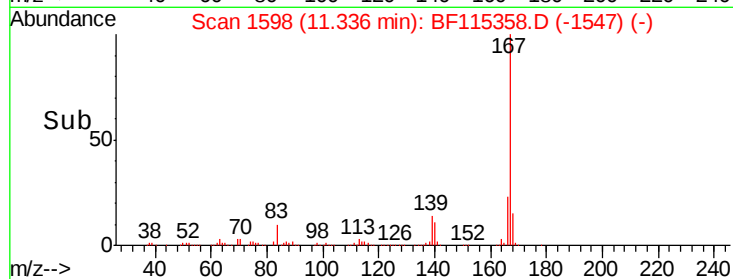
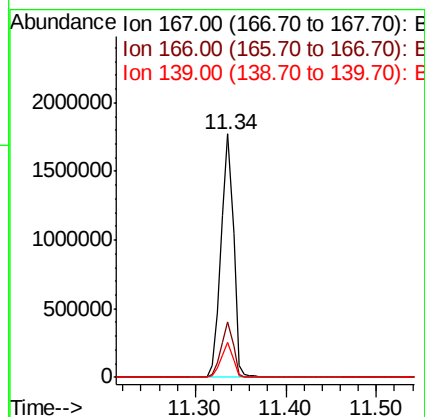
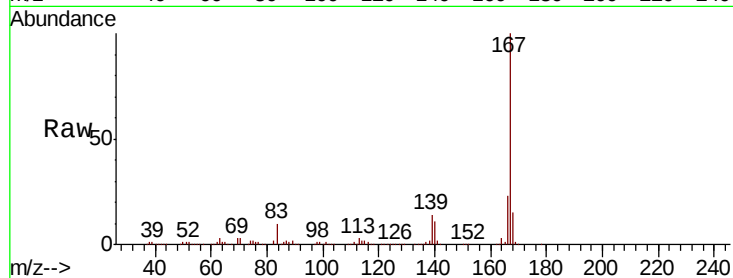




#73
 Carbazole
 Concen: 37.263 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

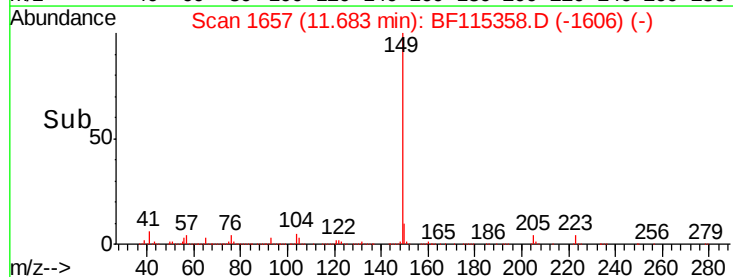
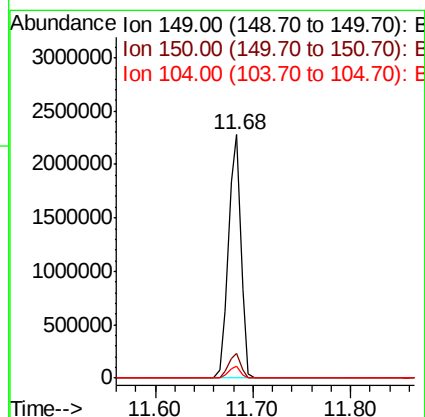
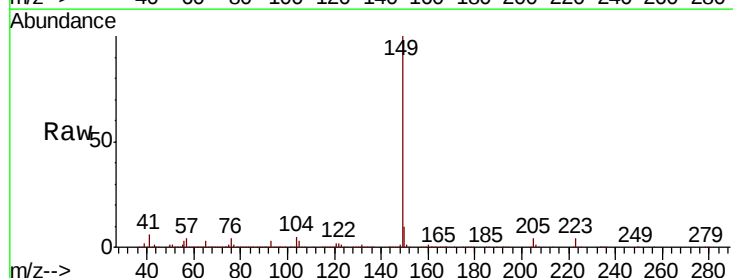
Instrument :
 BNA_F
 ClientSampleId :

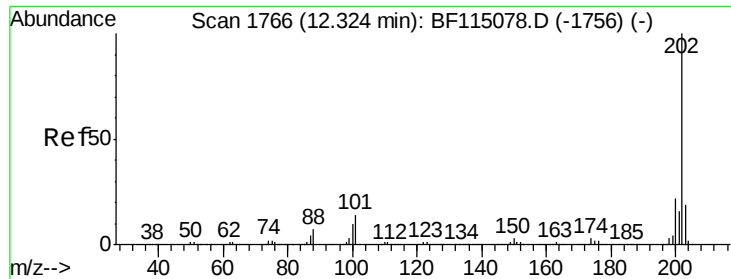
Tot Ion:167 Resp: 1672624
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.3 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 38.915 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:149 Resp: 2018530
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 4.8 3.9 5.9

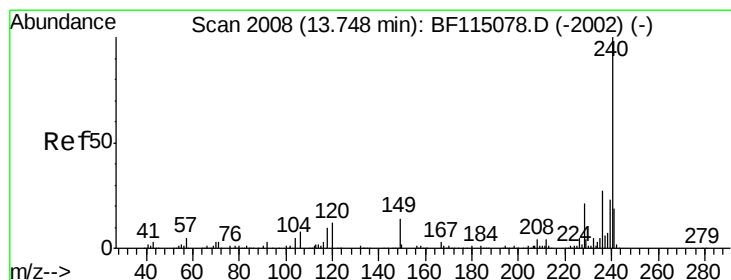
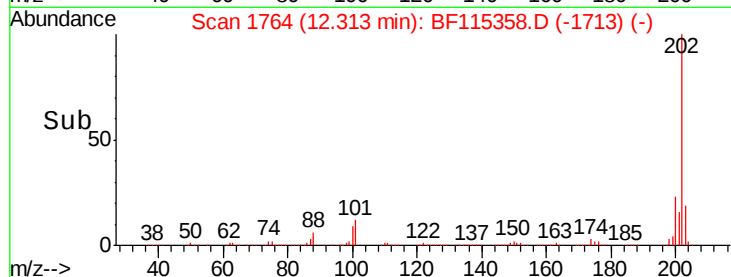
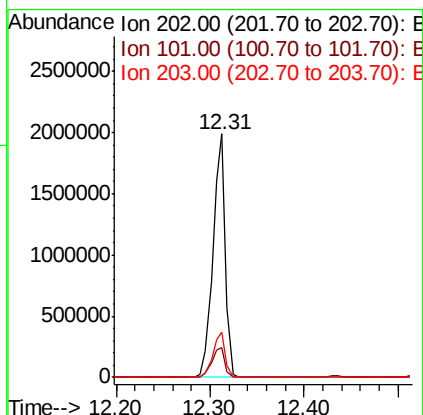
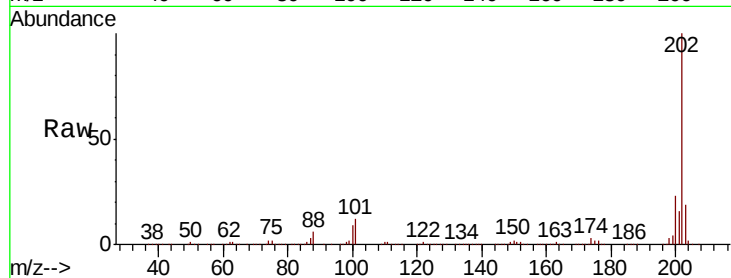




#75
 Fluoranthene
 Concen: 36.959 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

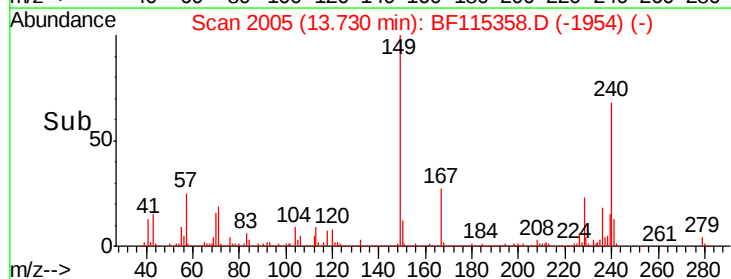
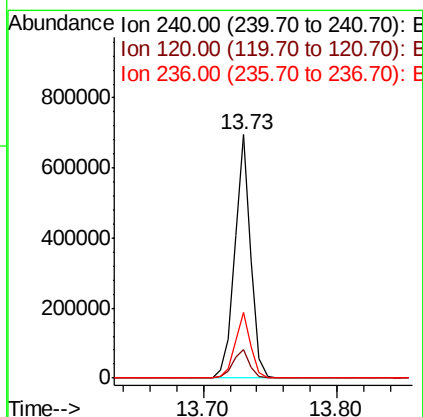
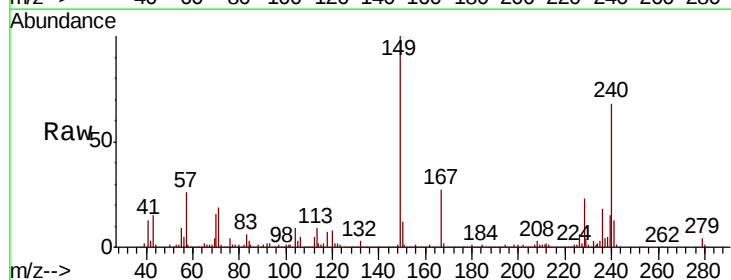
Instrument :
 BNA_F
 ClientSampled :

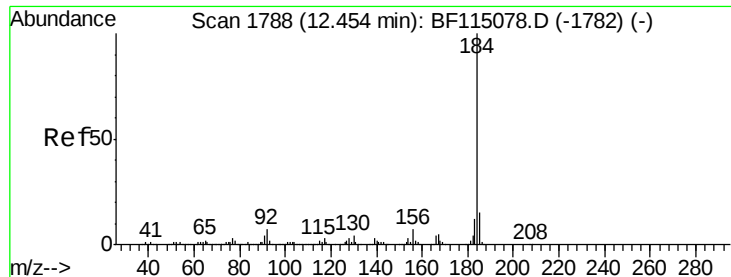
Tot Ion:202 Resp: 1836318
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.6
 203 18.7 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:240 Resp: 579445
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.8 16.2
 236 26.8 21.8 32.8





#77

Benzidine

Concen: 31.196 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

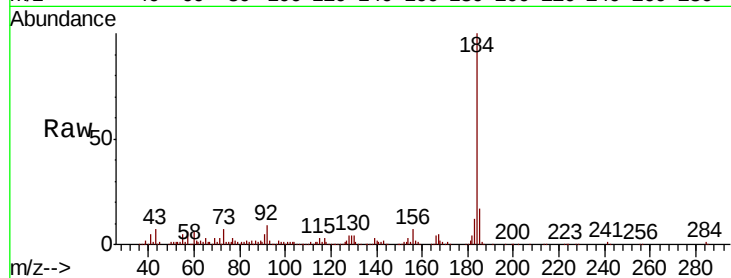
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 802665

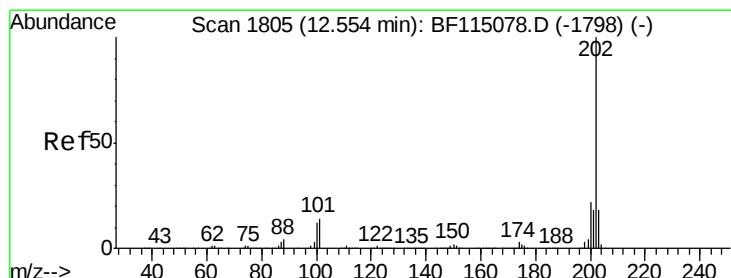
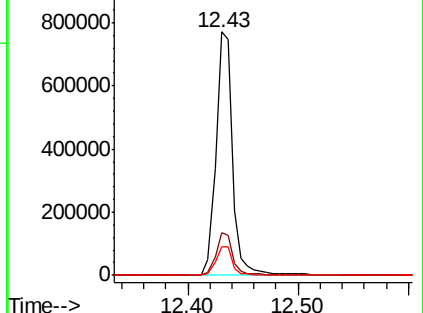
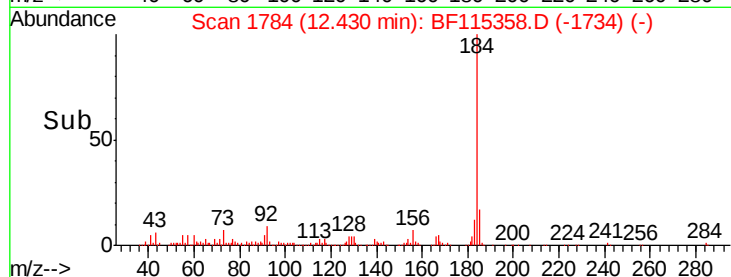
Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.5	18.7
183	11.8	9.4	14.2



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: 42.171 ng

RT: 12.54 min Scan# 1802

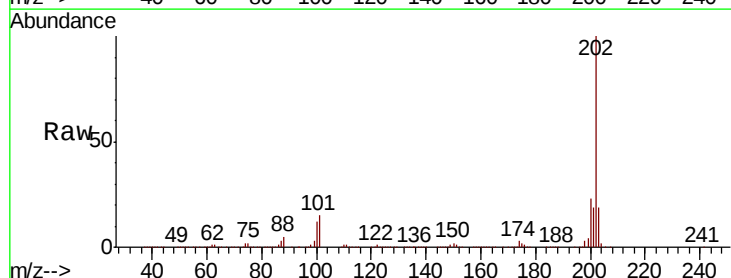
Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Tgt Ion:202 Resp: 1877911

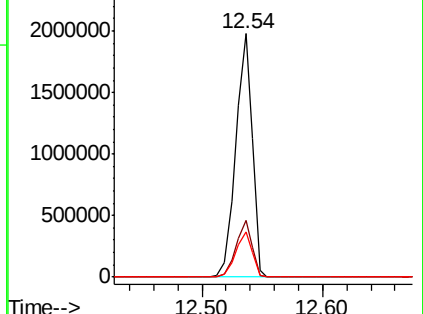
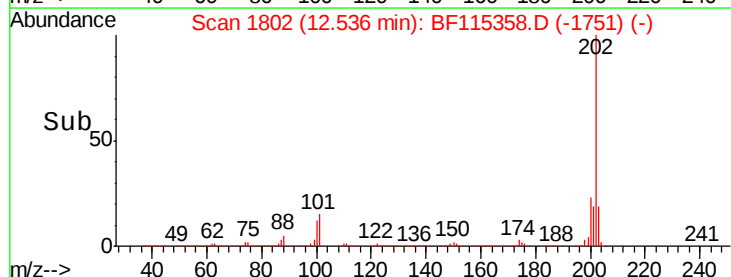
Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.8	15.0	22.4



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: 87.146 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

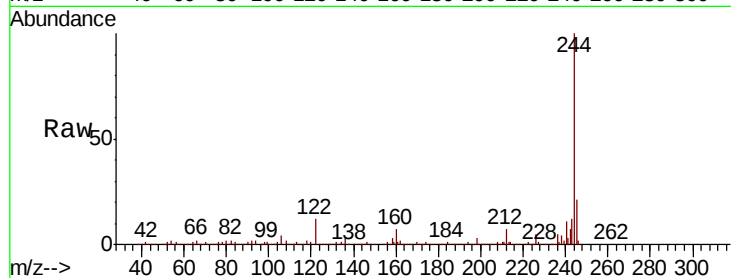
Tot Ion:244 Resp: 2375002

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

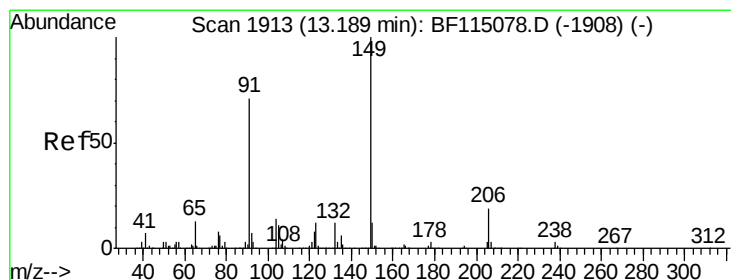
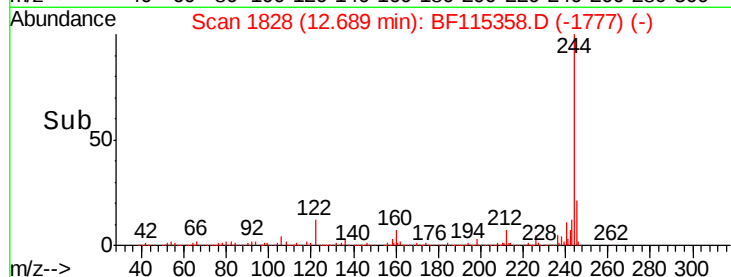
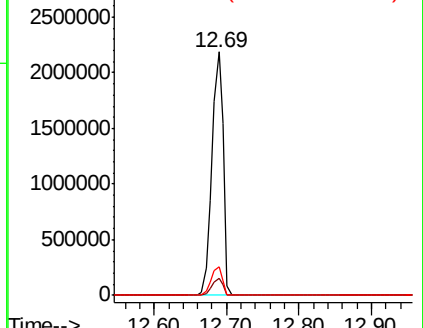
122 11.9 9.9 14.9



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: 44.262 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

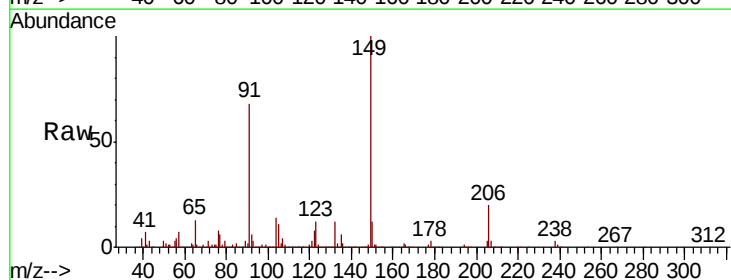
Tgt Ion:149 Resp: 869835

Ion Ratio Lower Upper

149 100

91 68.4 54.6 81.8

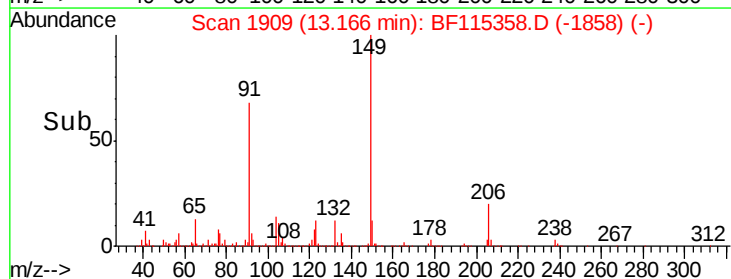
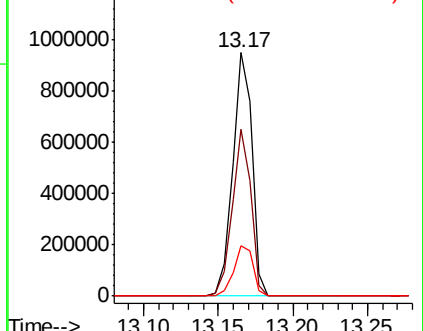
206 20.4 16.1 24.1

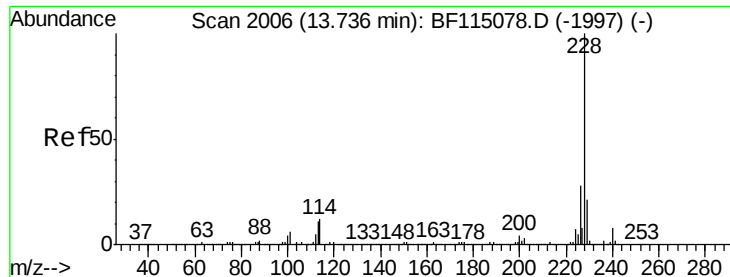


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

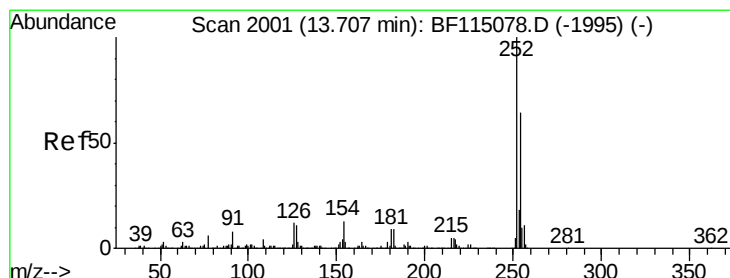
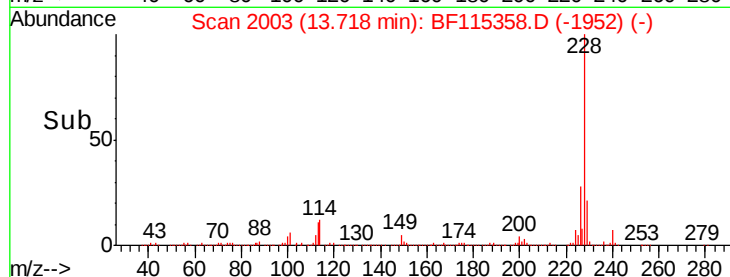
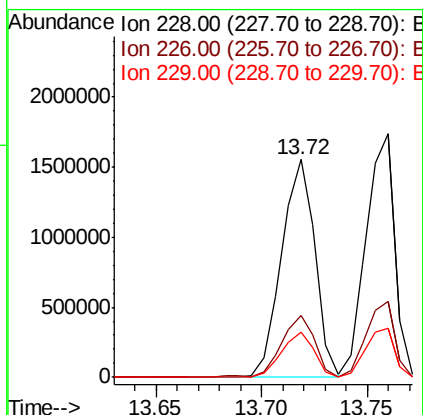
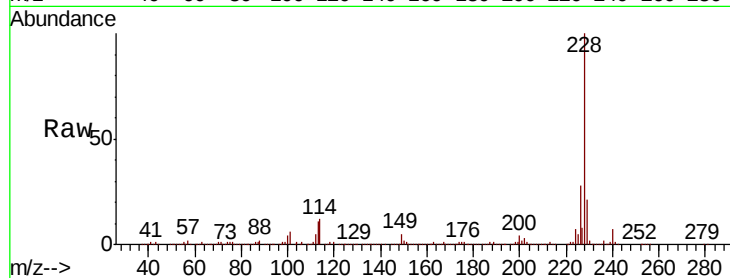




#81
Benzo(a)anthracene
Concen: 41.385 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

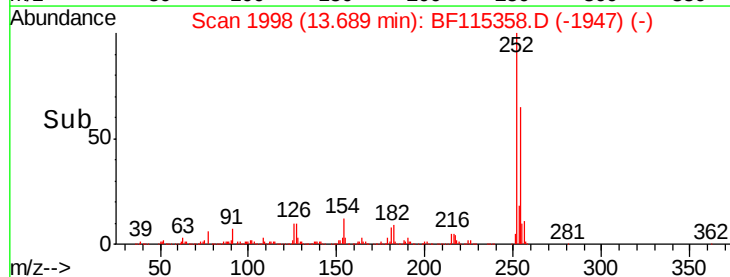
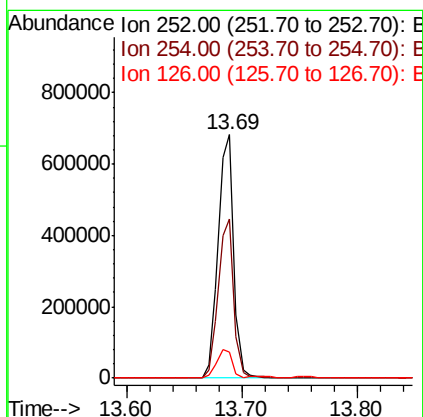
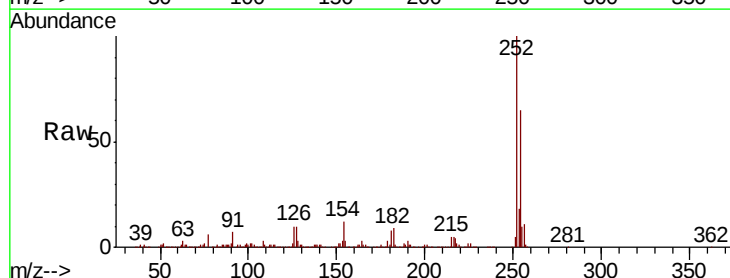
Instrument :
BNA_F
ClientSampleId :

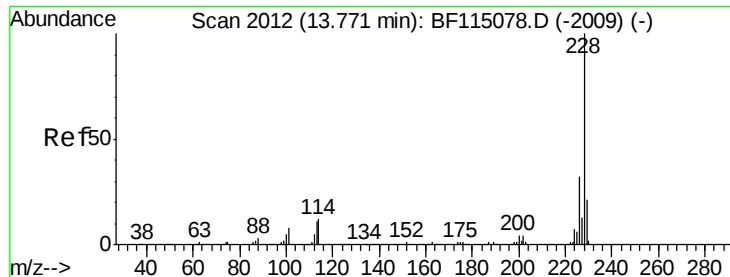
Tot Ion:228 Resp: 1720669
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 20.6 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 42.761 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 642018
Ion Ratio Lower Upper
252 100
254 65.2 52.6 78.8
126 10.5 9.8 14.6

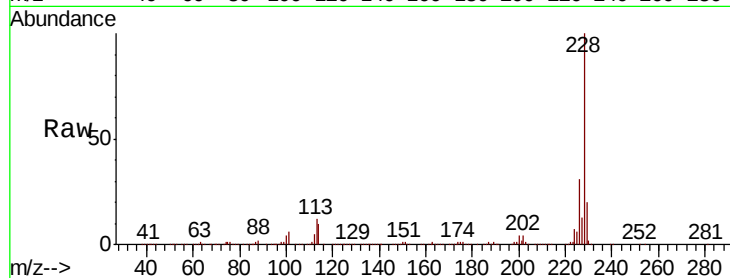




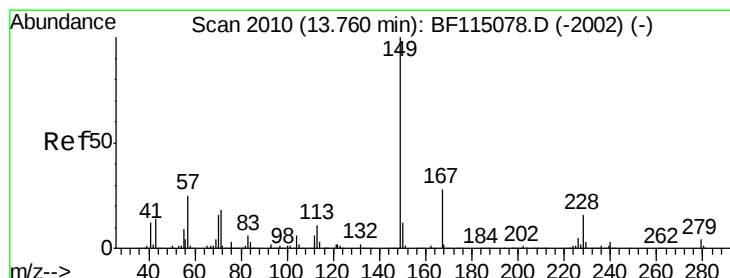
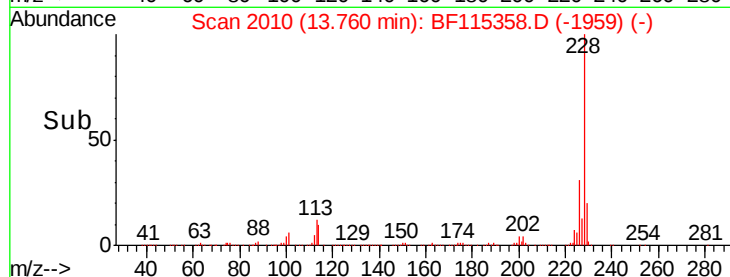
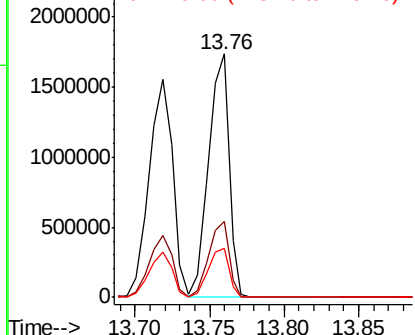
#83
 Chrysene
 Concen: 43.344 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1650762
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.4 16.5 24.7

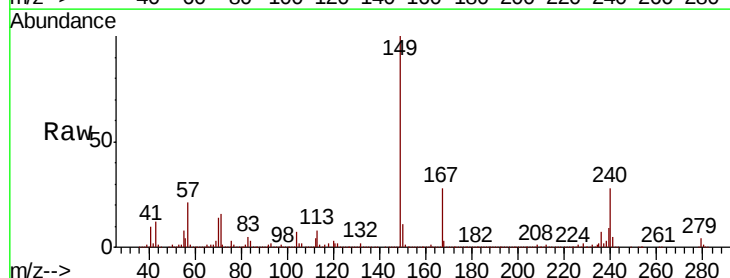


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

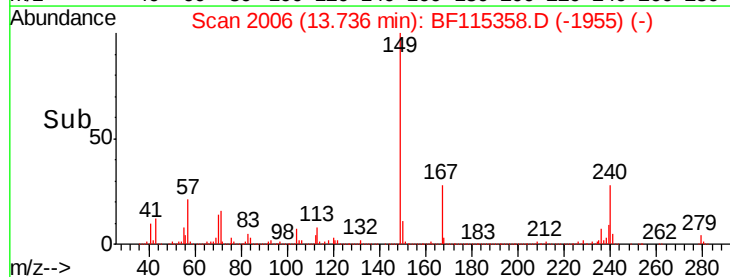
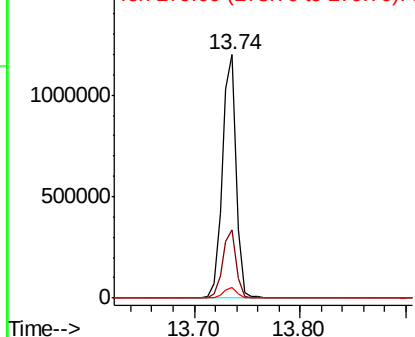


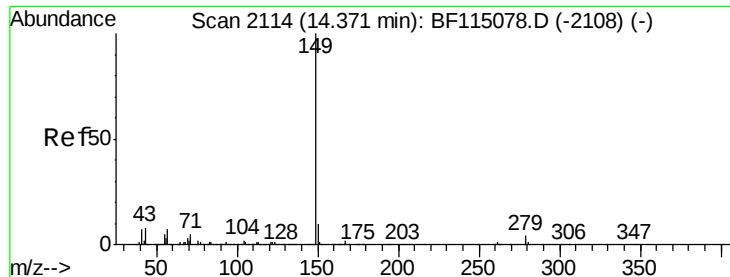
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.727 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF115358.D
 Acq: 2 Jul 2019 13:35

Tgt Ion:149 Resp: 1100220
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.2
 279 4.4 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.132 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

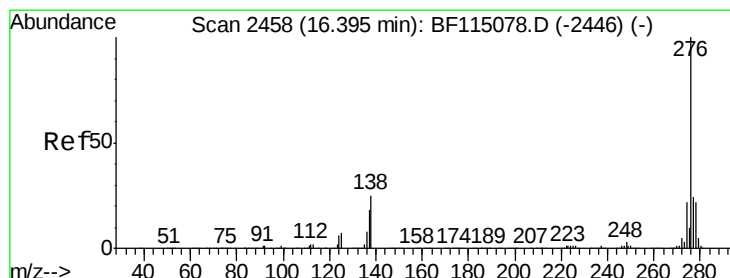
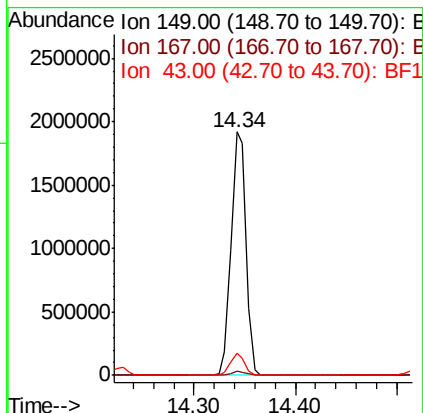
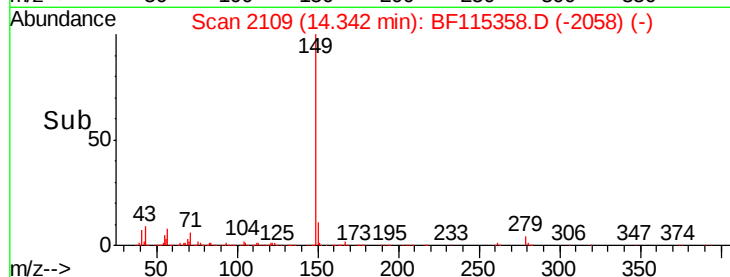
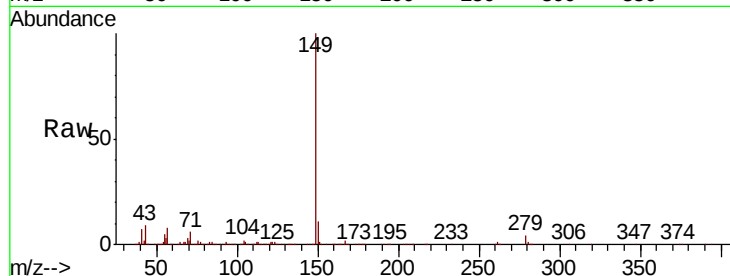
Tot Ion:149 Resp: 1952600

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.7 10.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.803 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

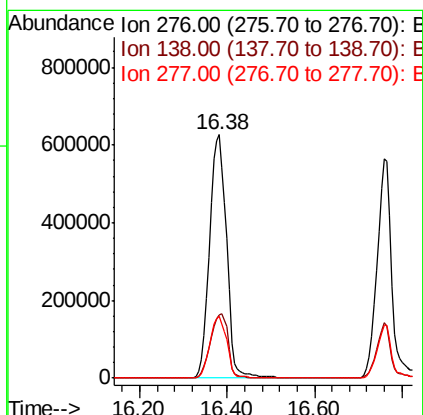
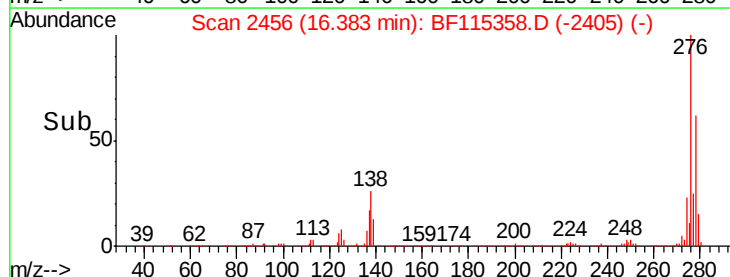
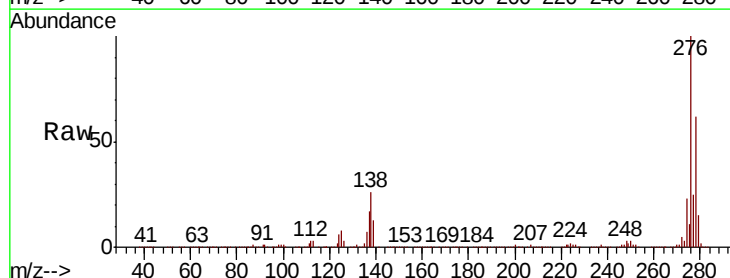
Tgt Ion:276 Resp: 1703646

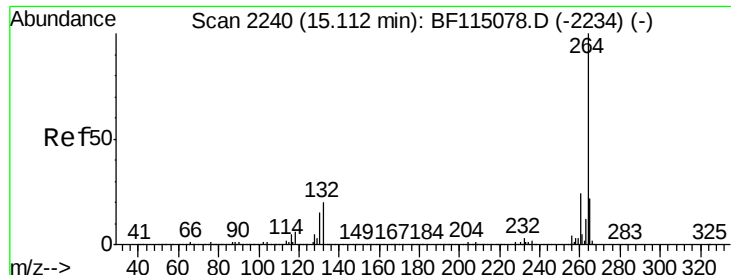
Ion Ratio Lower Upper

276 100

138 27.6 21.9 32.9

277 25.4 20.5 30.7

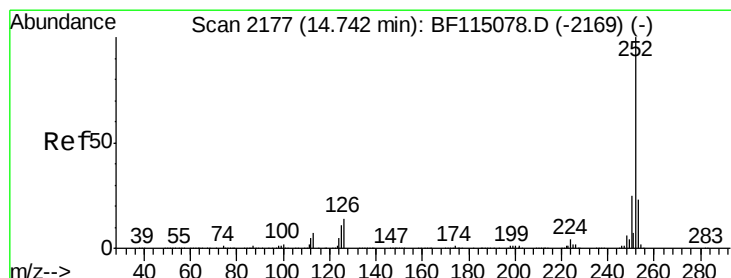
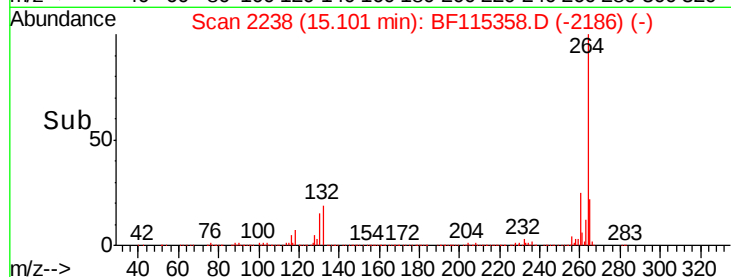
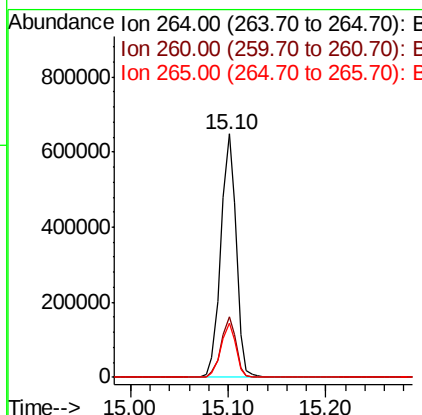
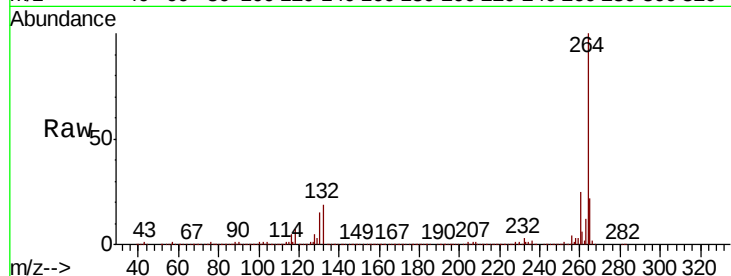




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

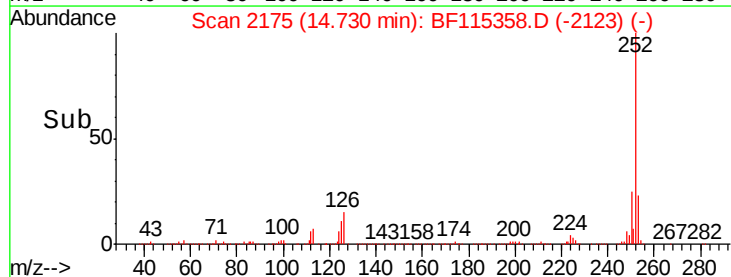
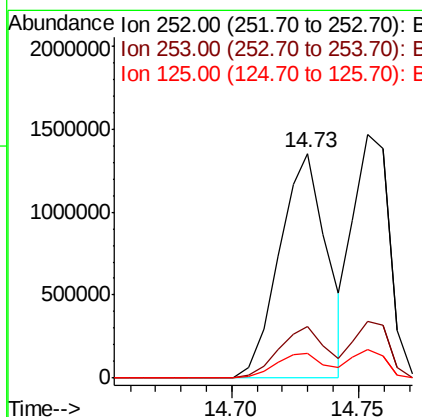
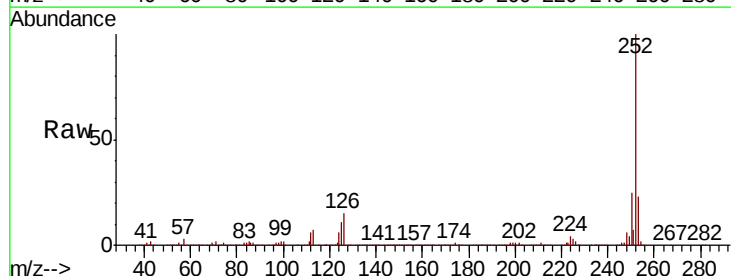
Instrument :
BNA_F
ClientSampleId :

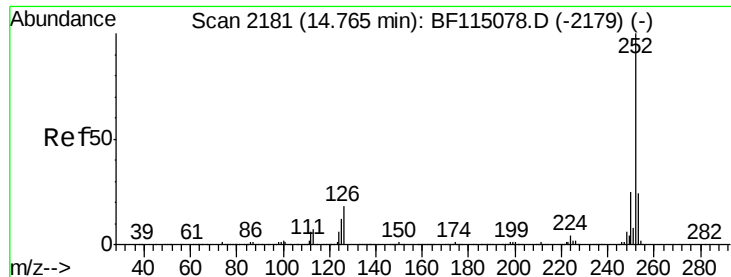
Tot Ion:264 Resp: 708196
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 22.0 18.2 27.2



#88
Benzo(b)fluoranthene
Concen: 39.927 ng
RT: 14.73 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 1764359
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.3 9.3 13.9

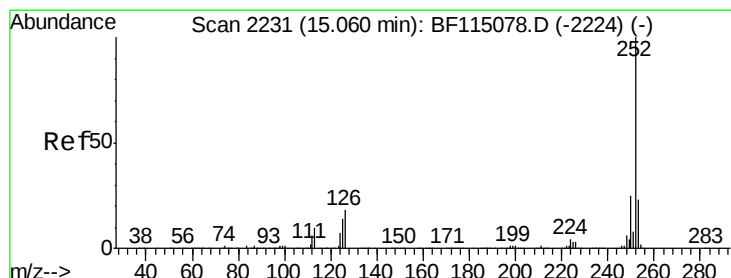
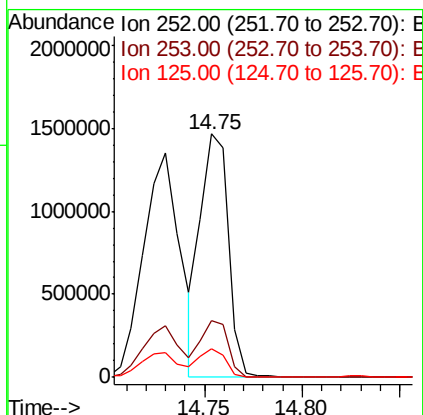
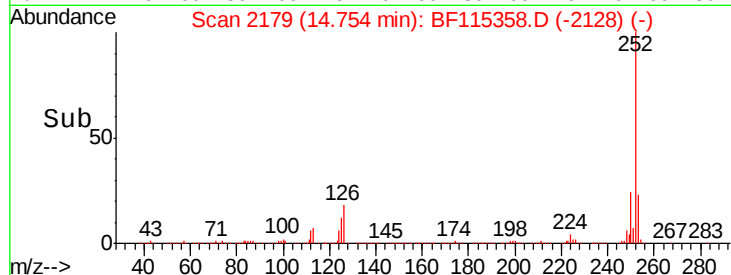
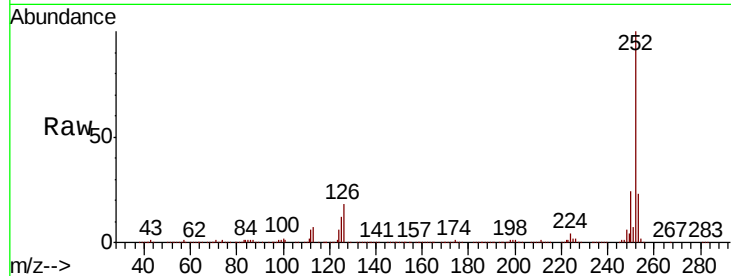




#89
Benzo(k)fluoranthene
Concen: 36.772 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

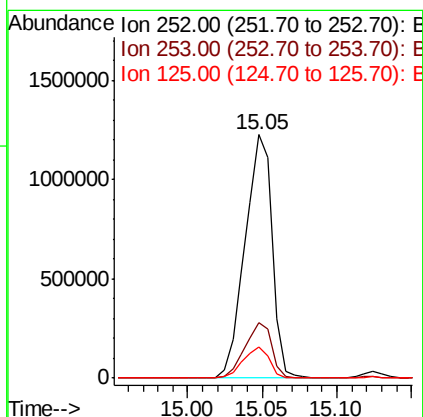
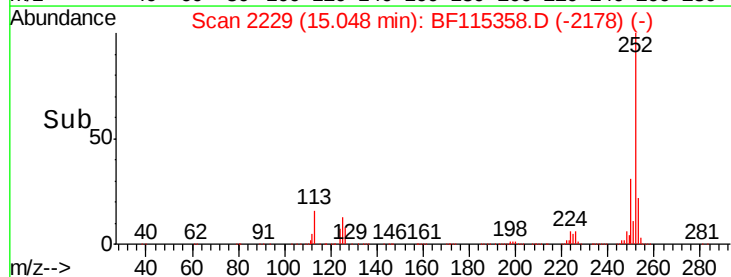
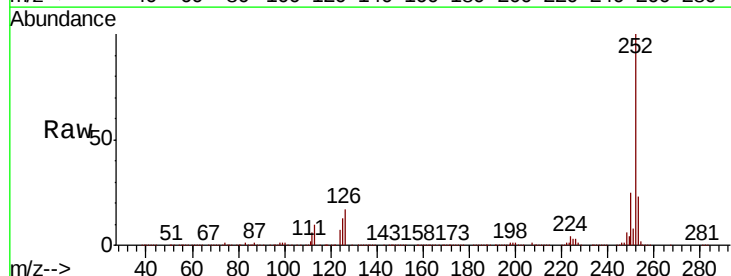
Instrument :
BNA_F
ClientSampleId :

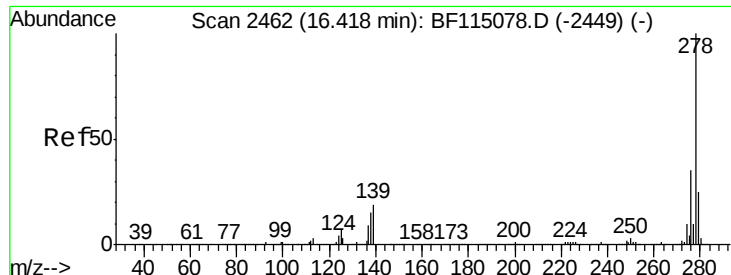
Tot Ion:252 Resp: 1457224
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 12.0 8.7 13.1



#90
Benzo(a)pyrene
Concen: 38.611 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 1537826
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 13.0 9.9 14.9



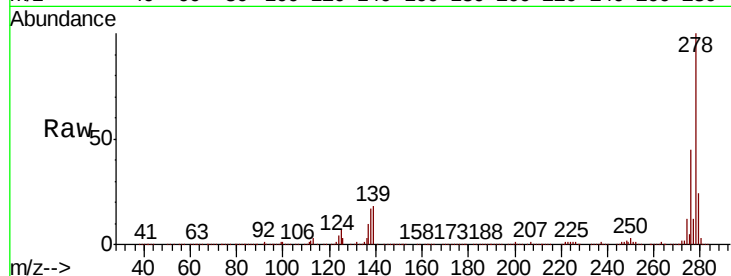


#91
Dibenzo(a,h)anthracene
Concen: 36.640 ng
RT: 16.40 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

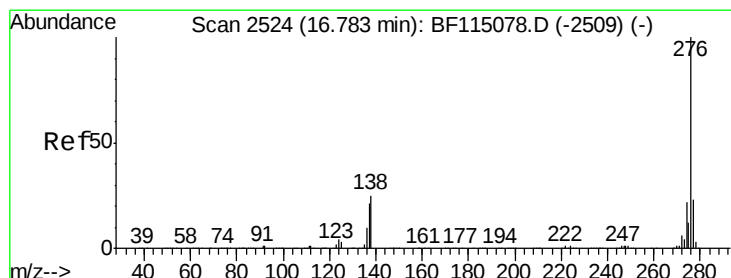
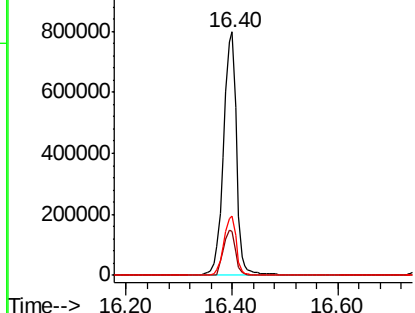
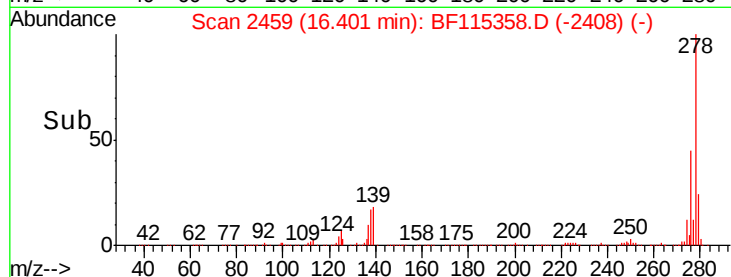
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1362376

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.2	21.2
279	24.3	19.5	29.3



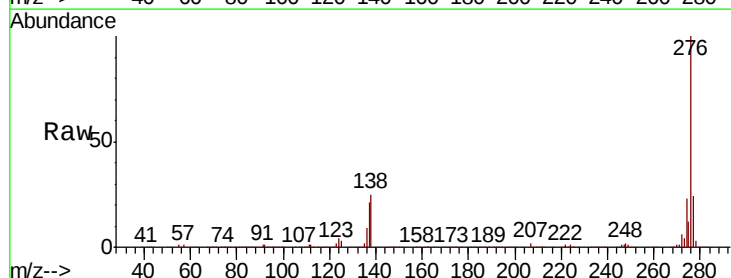
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.181 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF115358.D
Acq: 2 Jul 2019 13:35

Tgt Ion:276 Resp: 1361599

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	25.0	19.0	28.6



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

