

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115163.D
 Acq On : 24 Jun 2019 22:35
 Operator : HP/JU
 Sample : K3482-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Jun 25 07:43:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	213873	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	586182	20.00	ng	0.01
39) Acenaphthene-d10	9.64	164	514428	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1040229	20.00	ng	0.00
76) Chrysene-d12	13.73	240	677520	20.00	ng	-0.02
87) Perylene-d12	15.09	264	632202	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1066342	76.94	ng	0.01
7) Phenol-d6	6.26	99	1305026	77.58	ng	0.00
23) Nitrobenzene-d5	7.19	82	461988	48.48	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	426267	78.58	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	1677650	55.40	ng	0.00
79) Terphenyl-d14	12.70	244	1971171	61.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	272196	41.615	ng	99
3) Pyridine	2.91	79	717620	38.926	ng	97
4) n-Nitrosodimethylamine	2.85	42	310255	42.929	ng	95
6) Aniline	6.28	93	263626	11.403	ng	# 31
8) 2-Chlorophenol	6.42	128	418890	26.879	ng	97
9) Benzaldehyde	6.17	77	325468	29.656	ng	# 80
10) Phenol	6.27	94	739902	37.550	ng	95
11) bis(2-Chloroethyl)ether	6.37	93	568509	39.140	ng	# 83
12) 1,3-Dichlorobenzene	6.57	146	626587	36.228	ng	99
13) 1,4-Dichlorobenzene	6.65	146	524281	30.229	ng	# 86
14) 1,2-Dichlorobenzene	6.80	146	361741	22.523	ng	# 55
15) Benzyl Alcohol	6.77	79	536606	43.808	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.92	45	458545	21.766	ng	# 36
17) 2-Methylphenol	6.88	107	442394	34.392	ng	# 82
18) Hexachloroethane	7.15	117	228115	36.483	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	198602	18.441	ng	# 92
20) 3+4-Methylphenols	7.04	107	399227	26.878	ng	# 70
22) Acetophenone	7.04	105	543742	40.518	ng	# 89
24) Nitrobenzene	7.21	77	640003	60.965	ng	# 92
25) Isophorone	7.46	82	926566	47.466	ng	# 33
26) 2-Nitrophenol	7.53	139	251828	48.575	ng	# 6
27) 2,4-Dimethylphenol	7.57	122	344929	40.636	ng	# 86
28) bis(2-Chloroethoxy)methane	7.67	93	457023	37.042	ng	# 58
29) 2,4-Dichlorophenol	7.77	162	472497	53.939	ng	89
30) 1,2,4-Trichlorobenzene	7.86	180	494932	51.151	ng	99
31) Naphthalene	7.94	128	1613305	56.068	ng	# 96
32) Benzoic acid	7.72	122	81450	13.443	ng	# 33
33) 4-Chloroaniline	7.98	127	216876	16.492	ng	# 32
34) Hexachlorobutadiene	8.07	225	291963	55.062	ng	99
35) Caprolactam	8.36	113	368799	125.223	ng	# 42
36) 4-Chloro-3-methylphenol	8.46	107	540600	60.938	ng	95
37) 2-Methylnaphthalene	8.62	142	1170020	60.307	ng	96
38) 1-Methylnaphthalene	8.72	142	1763932	95.197	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	536014	36.873	ng	97

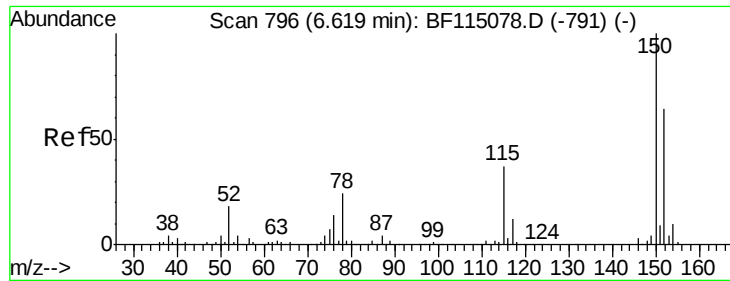
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	604359	70.113	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	417229	37.176	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	450885	39.012	nq	# 93
46) 1,1'-Biphenyl	9.08	154	1584220	38.488	nq	98
47) 2-Chloronaphthalene	9.10	162	1240568	37.156	nq	96
48) 2-Nitroaniline	9.18	65	367097	37.712	nq	99
49) Acenaphthylene	9.51	152	1986774	38.192	nq	99
50) Dimethylphthalate	9.38	163	1848147	48.831	nq	100
51) 2,6-Dinitrotoluene	9.43	165	355513	40.687	nq	97
52) Acenaphthene	9.68	154	1296317	39.824	nq	99
53) 3-Nitroaniline	9.59	138	176377	16.541	nq	96
54) 2,4-Dinitrophenol	9.70	184	186006	44.916	nq	94
55) Dibenzofuran	9.85	168	1808103	38.701	nq	99
56) 4-Nitrophenol	9.76	139	651377	76.197	nq	95
57) 2,4-Dinitrotoluene	9.83	165	477986	42.366	nq	99
58) Fluorene	10.19	166	1277102	40.380	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	390754	40.320	nq	98
60) Diethylphthalate	10.08	149	1492951	39.242	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	611921	40.754	nq	97
62) 4-Nitroaniline	10.20	138	372967	34.866	nq	99
63) Azobenzene	10.34	77	1371305	38.590	nq	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	158739	30.676	nq	84
66) n-Nitrosodiphenylamine	10.30	169	1269773	39.181	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	441399	39.137	nq	98
68) Hexachlorobenzene	10.73	284	471987	38.555	nq	94
69) Atrazine	10.83	200	409615	39.291	nq	99
70) Pentachlorophenol	10.92	266	500032	64.116	nq	98
71) Phenanthrene	11.14	178	2149490	38.379	nq	100
72) Anthracene	11.19	178	2157750	38.166	nq	99
73) Carbazole	11.34	167	1962290	38.869	nq	99
74) Di-n-butylphthalate	11.69	149	2309577	39.590	nq	99
75) Fluoranthene	12.31	202	2280764	40.815	nq	100
77) Benzidine	12.44	184	450387	14.971	nq	99
78) Pyrene	12.54	202	2340419	44.949	nq	98
80) Butylbenzylphthalate	13.18	149	1021729	44.465	nq	94
81) Benzo(a)anthracene	13.72	228	1955080	40.216	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	316627	18.036	nq	99
83) Chrysene	13.76	228	1791794	40.236	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1323225	43.949	nq	99
85) Di-n-octyl phthalate	14.35	149	2144713	42.396	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1780826	33.795	nq	99
88) Benzo(b)fluoranthene	14.72	252	1810650	45.900	nq	98
89) Benzo(k)fluoranthene	14.75	252	1392531	39.364	nq	98
90) Benzo(a)pyrene	15.04	252	1521610	42.796	nq	98
91) Dibenzo(a,h)anthracene	16.38	278	1438160	43.328	nq	99
92) Benzo(g,h,i)perylene	16.75	276	1529912	45.540	nq	99

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

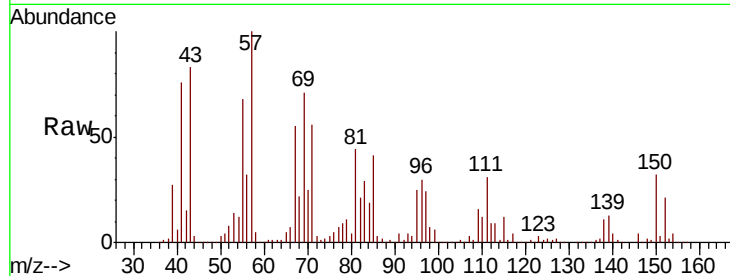


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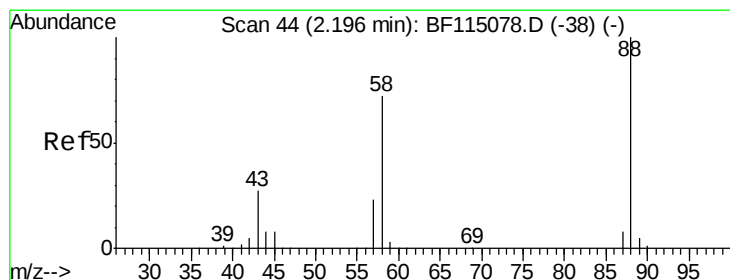
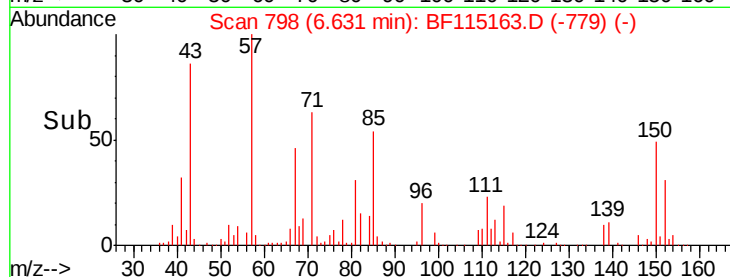
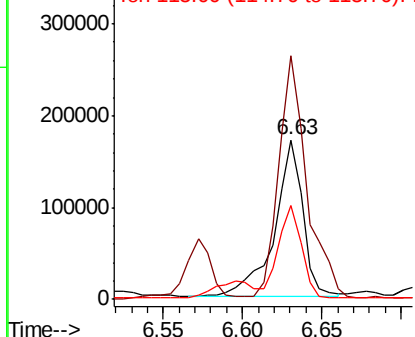
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:152 Resp: 213873
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.2 186.2
 115 58.9 46.1 69.1



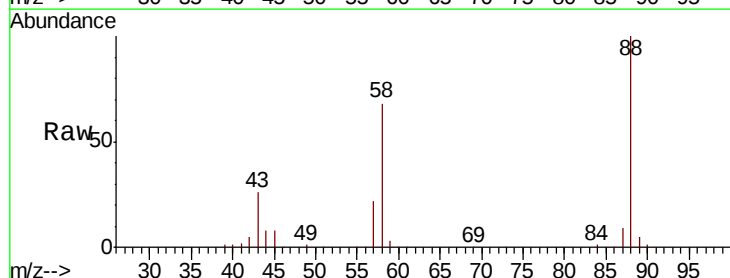
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



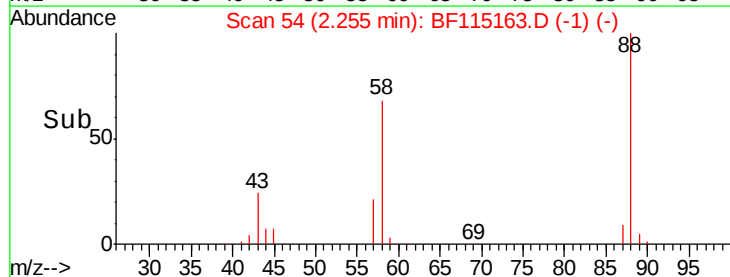
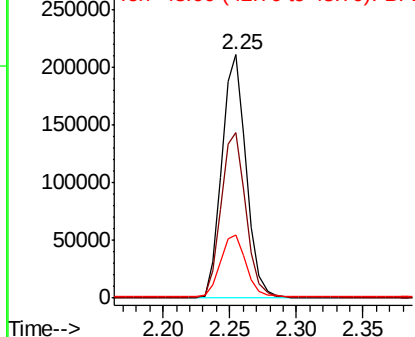
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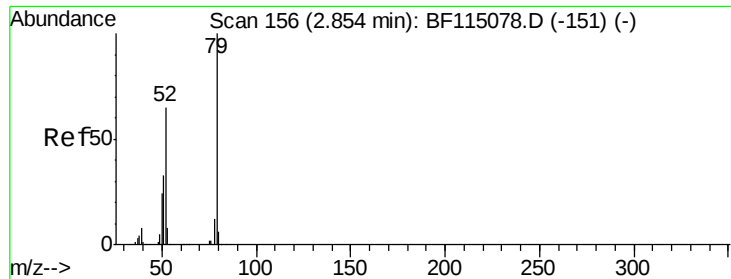
1,4-Dioxane
 Concen: 41.615 ng
 RT: 2.25 min Scan# 54
 Delta R.T. 0.06 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion: 88 Resp: 272196
 Ion Ratio Lower Upper
 88 100
 58 69.7 56.1 84.1
 43 26.2 21.3 31.9



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: 38.926 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.05 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

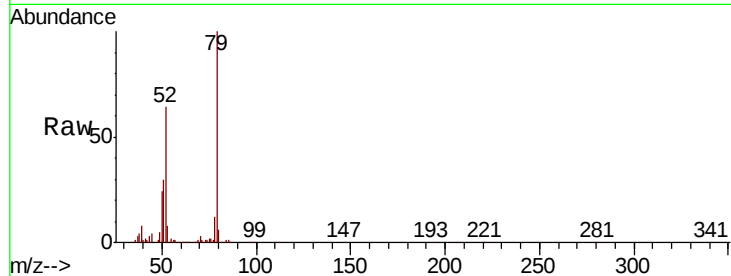
Tot Ion: 79 Resp: 717620

Ion Ratio Lower Upper

79 100

52 63.5 52.3 78.5

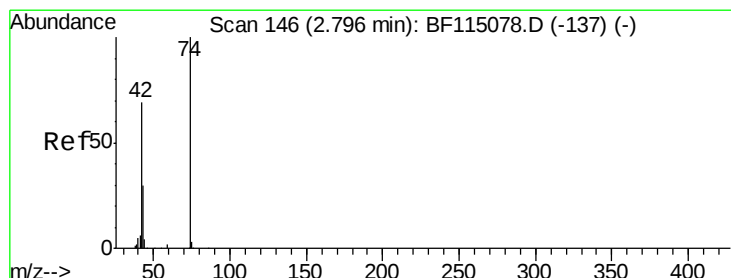
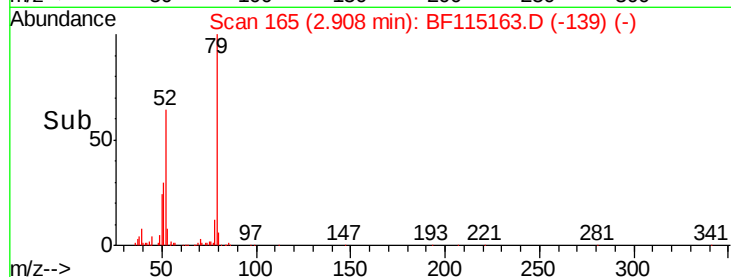
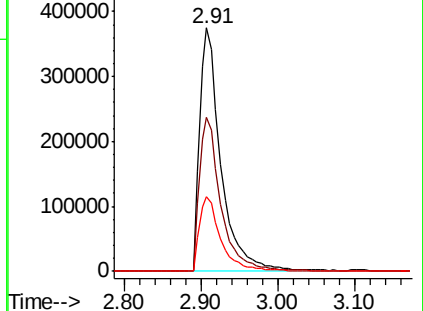
51 30.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.929 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

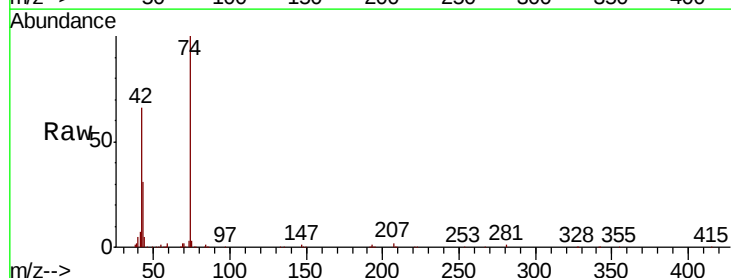
Tgt Ion: 42 Resp: 310255

Ion Ratio Lower Upper

42 100

74 152.5 116.6 175.0

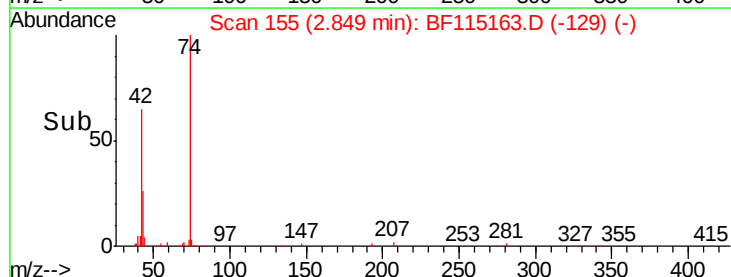
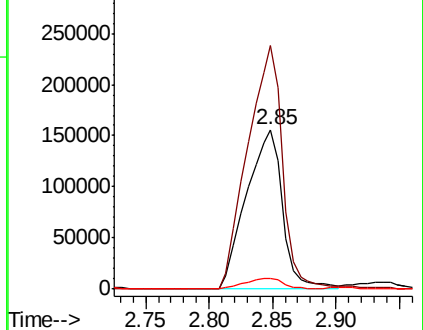
44 7.0 5.3 7.9

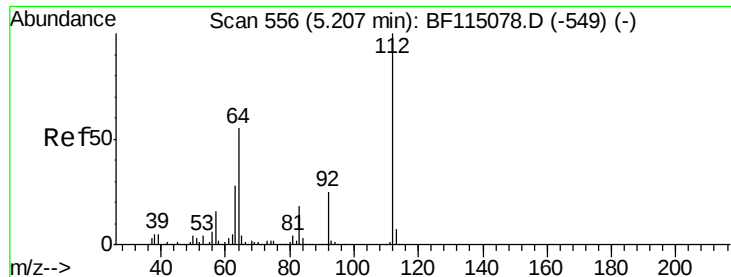


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.940 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampled :

TP-3MS

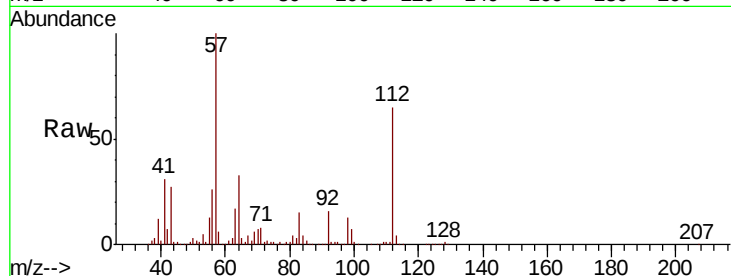
Tot Ion:112 Resp: 1066342

Ion Ratio Lower Upper

112 100

64 50.6 43.8 65.6

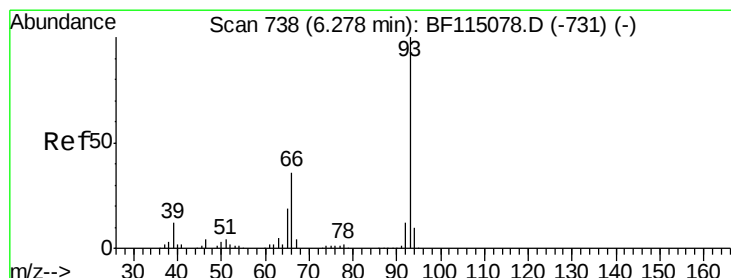
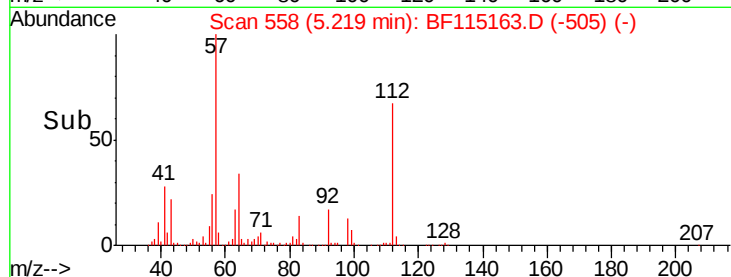
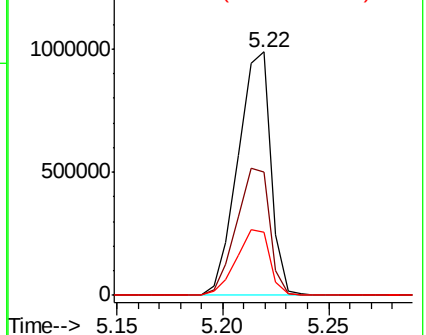
63 26.1 22.2 33.4



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: 11.403 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

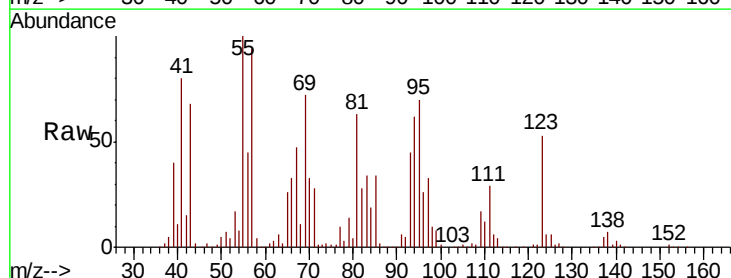
Tgt Ion: 93 Resp: 263626

Ion Ratio Lower Upper

93 100

66 74.1 30.0 45.0#

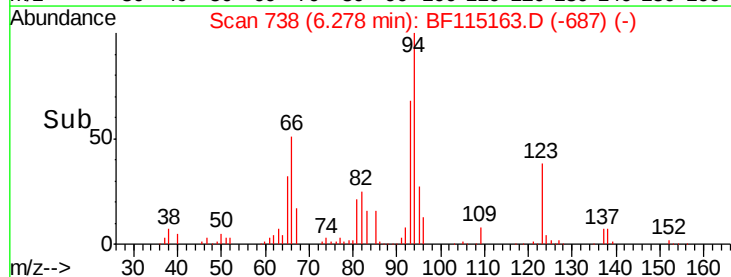
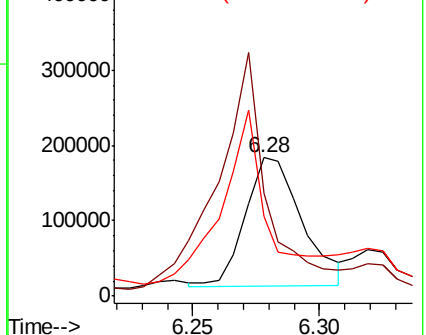
65 57.3 15.6 23.4#

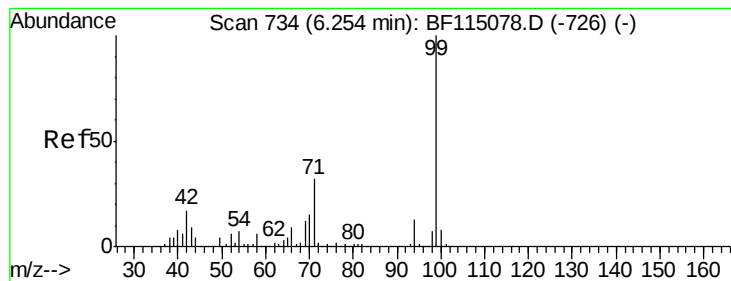


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.579 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

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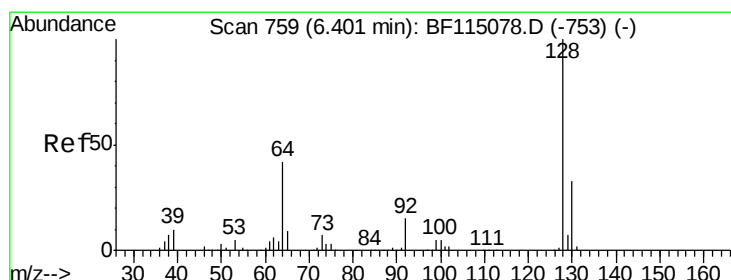
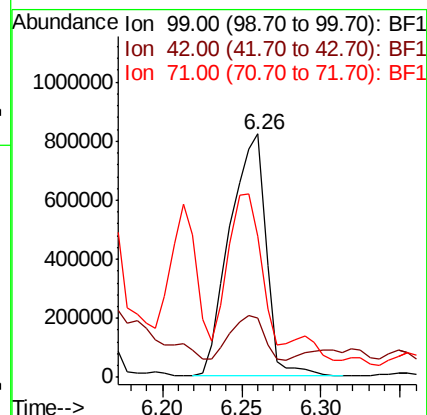
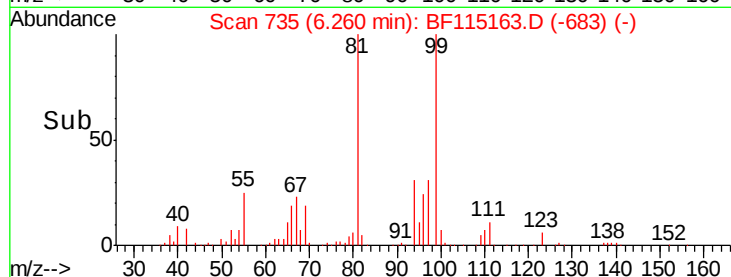
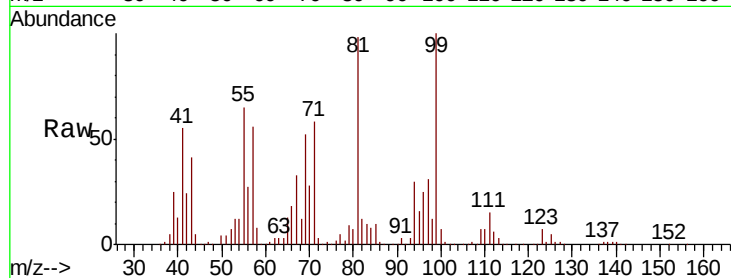
Tot Ion: 99 Resp: 1305026

Ion Ratio Lower Upper

99 100

42 24.2 13.6 20.4#

71 58.1 25.5 38.3#



#8

2-Chlorophenol

Concen: 26.879 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

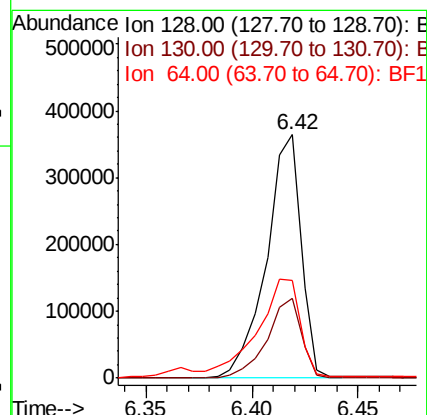
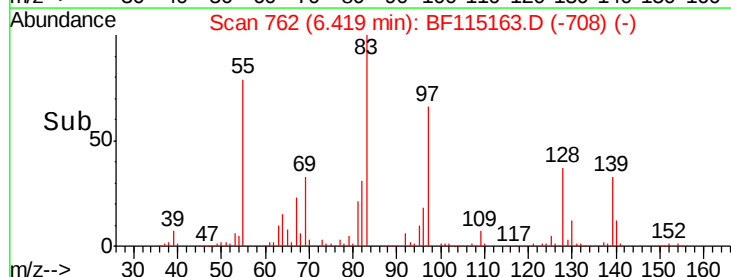
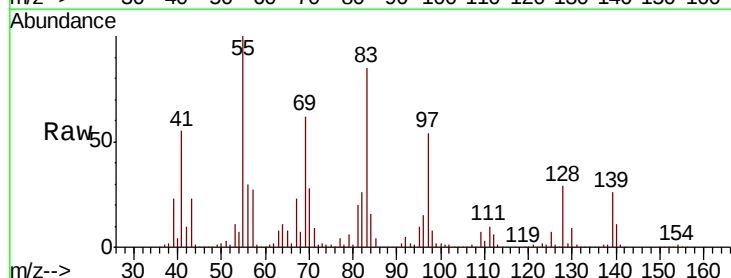
Tgt Ion: 128 Resp: 418890

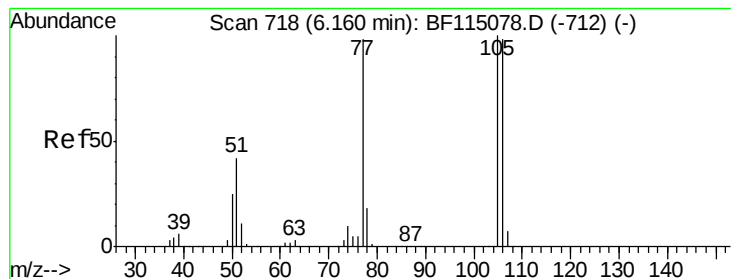
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 40.1 22.9 62.9





#9

Benzaldehyde

Concen: 29.656 ng

RT: 6.17 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

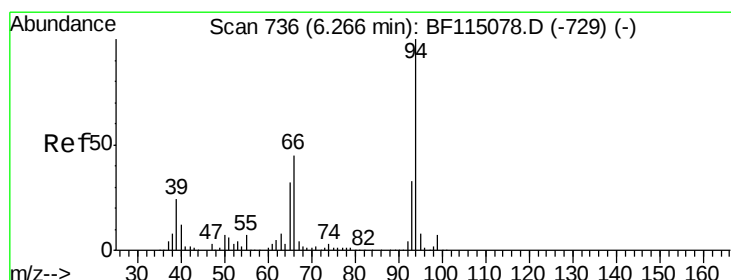
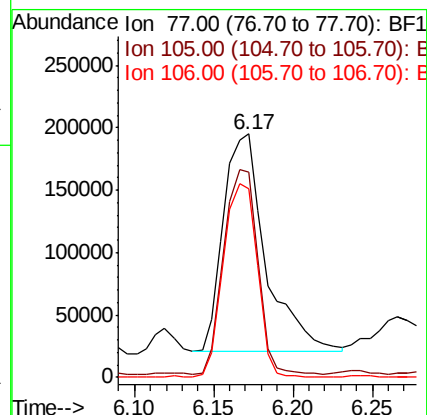
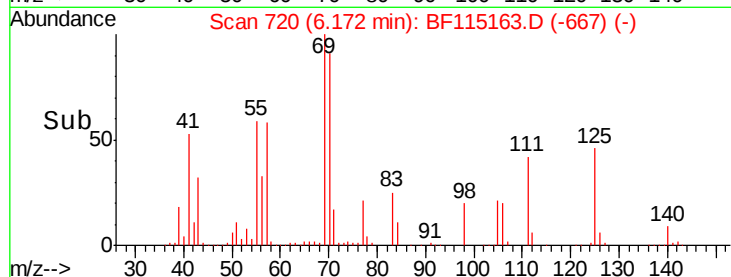
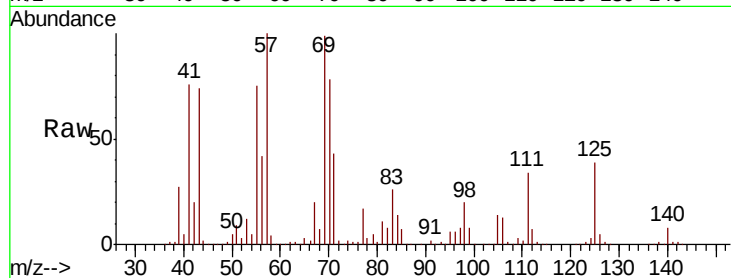
Tot Ion: 77 Resp: 325468

Ion Ratio Lower Upper

77 100

105 84.4 81.5 121.5

106 77.6 79.7 119.7#



#10

Phenol

Concen: 37.550 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

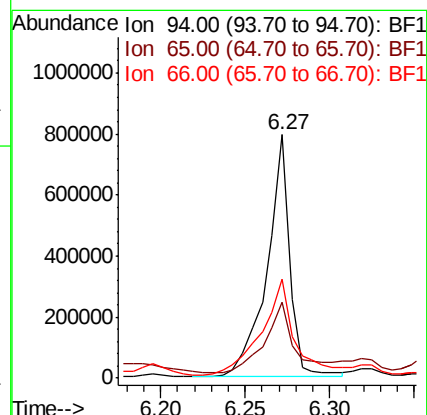
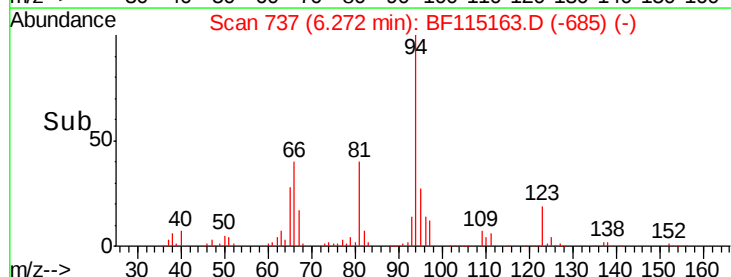
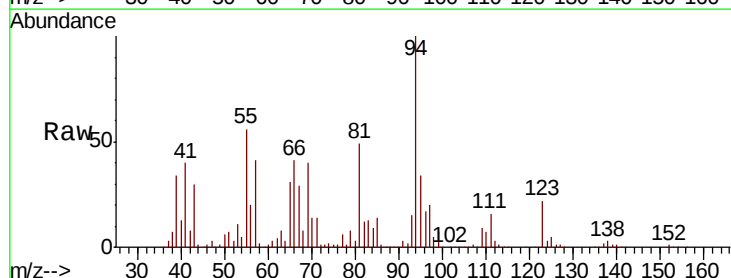
Tgt Ion: 94 Resp: 739902

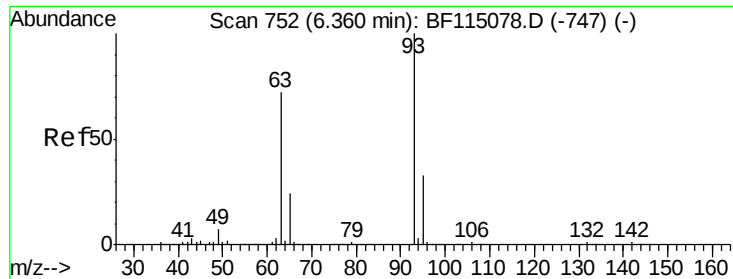
Ion Ratio Lower Upper

94 100

65 31.0 11.9 51.9

66 40.5 25.2 65.2

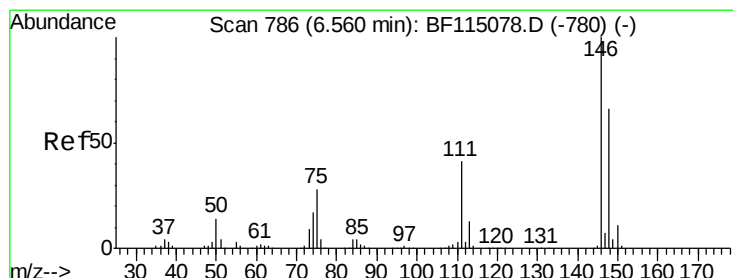
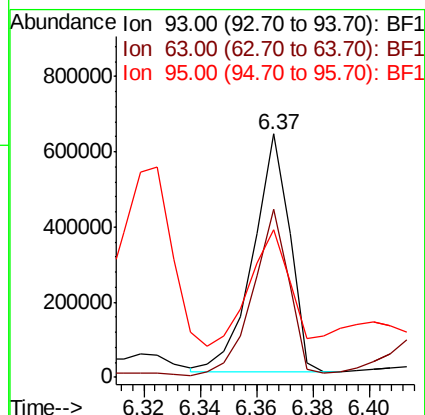
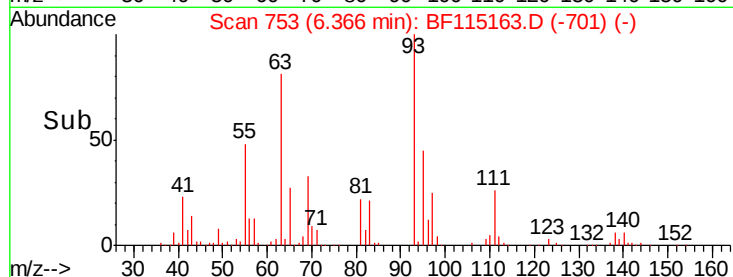
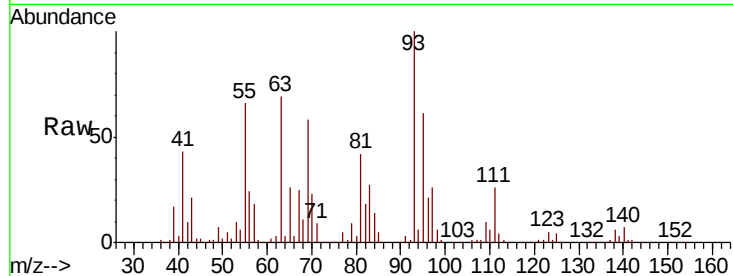




#11
bis(2-Chloroethyl)ether
Concen: 39.140 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

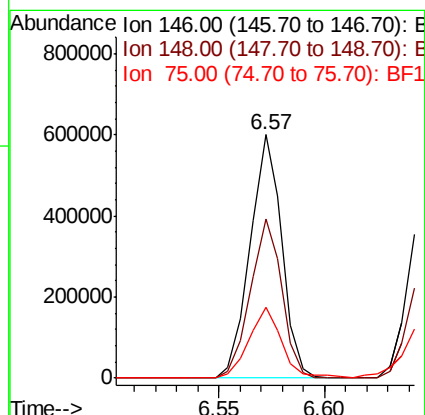
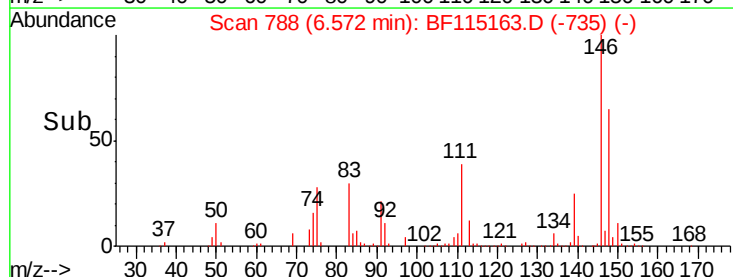
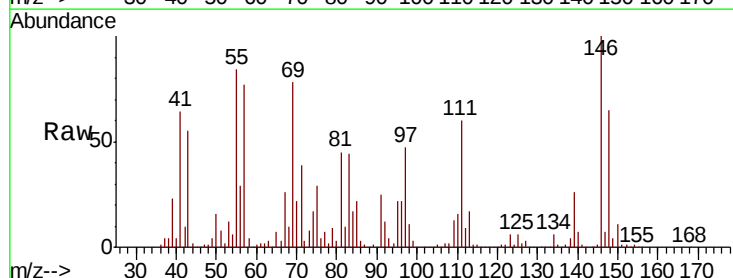
Instrument :
BNA_F
ClientSampleId :
TP-3MS

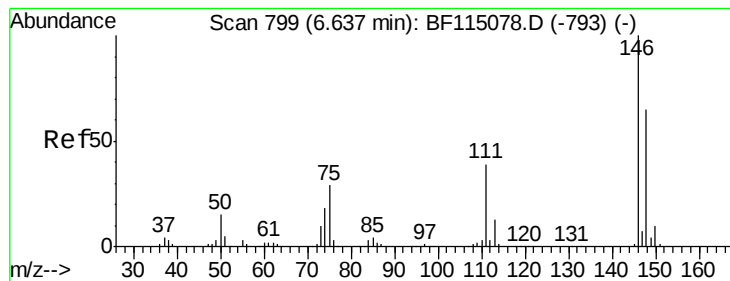
Tot Ion: 93 Resp: 568509
Ion Ratio Lower Upper
93 100
63 68.9 51.5 91.5
95 60.6 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 36.228 ng
RT: 6.57 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion: 146 Resp: 626587
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 29.1 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 30.229 ng

RT: 6.65 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

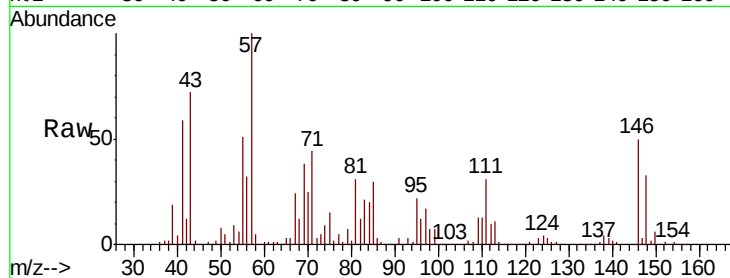
Tot Ion:146 Resp: 524281

Ion Ratio Lower Upper

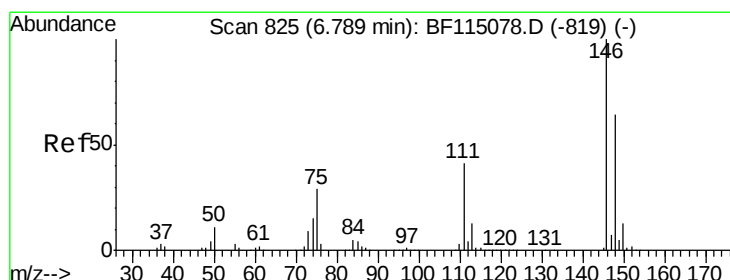
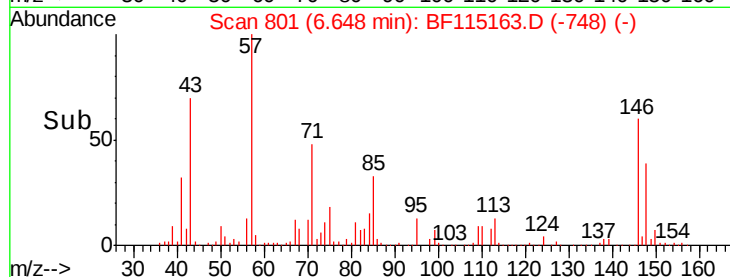
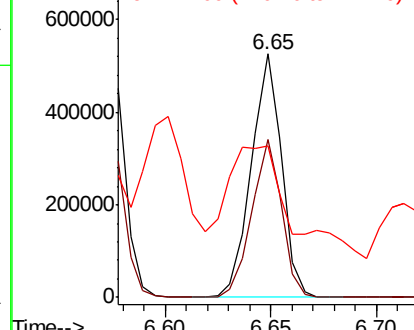
146 100

148 64.7 51.9 77.9

111 62.1 31.4 47.0#



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: 22.523 ng

RT: 6.80 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

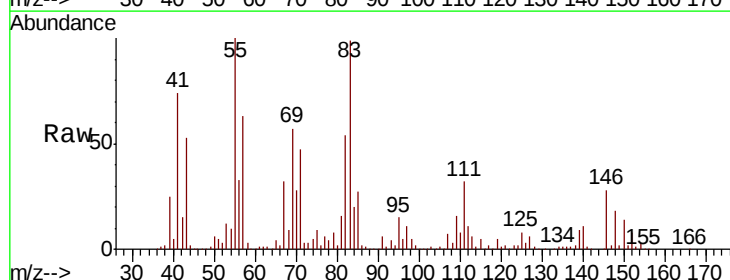
Tgt Ion:146 Resp: 361741

Ion Ratio Lower Upper

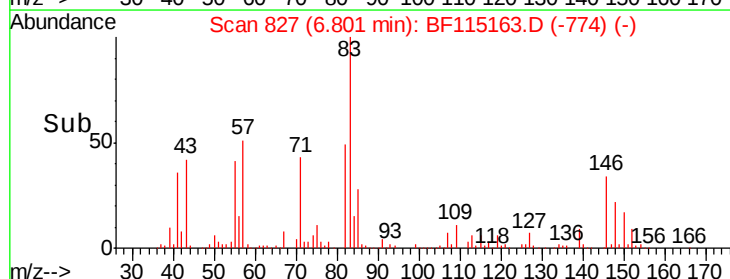
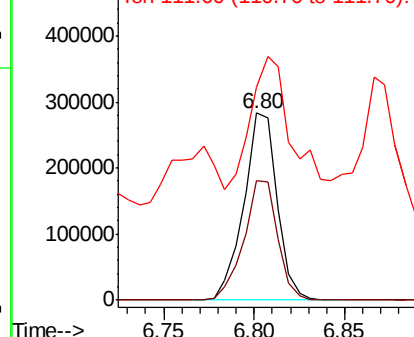
146 100

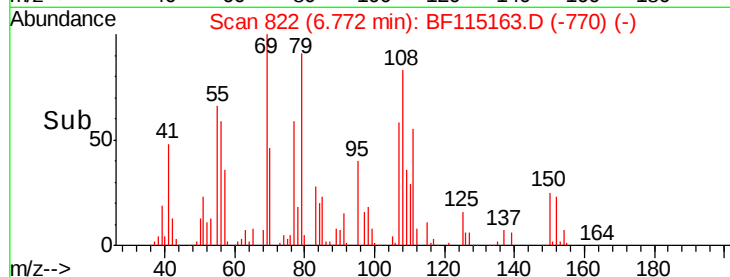
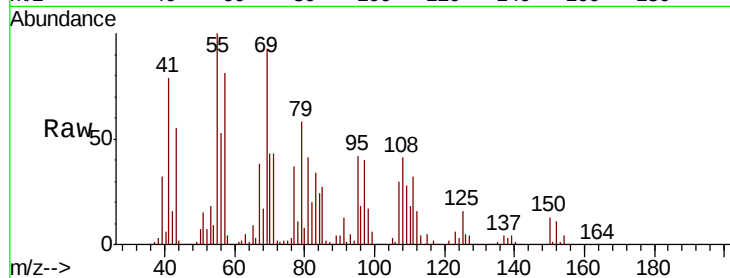
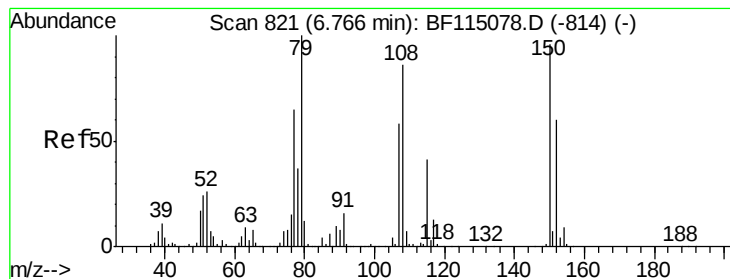
148 64.0 51.1 76.7

111 113.9 33.2 49.8#



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





#15

Benzyl Alcohol

Concen: 43.808 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampled :

TP-3MS

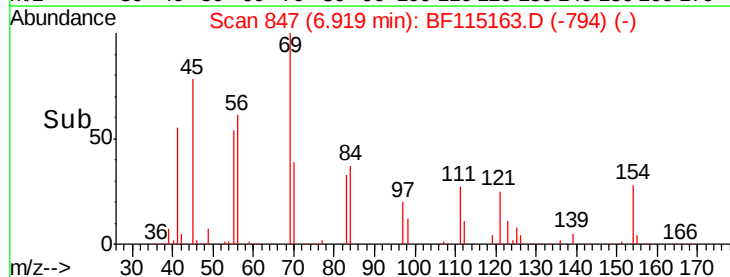
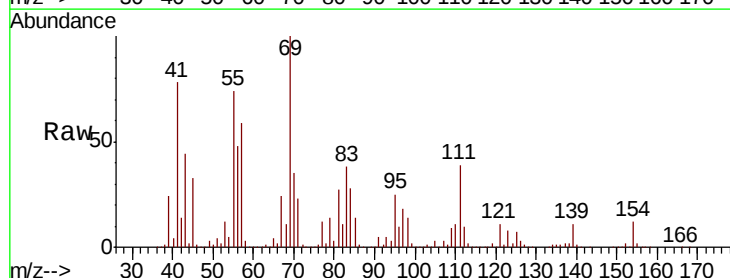
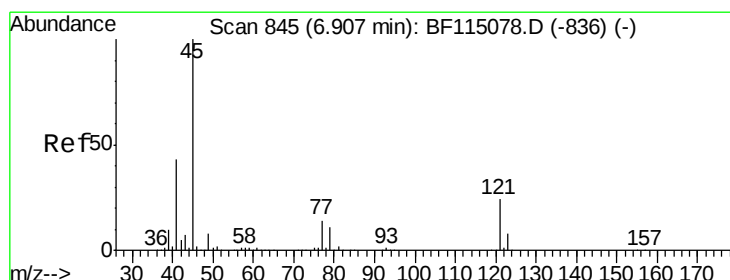
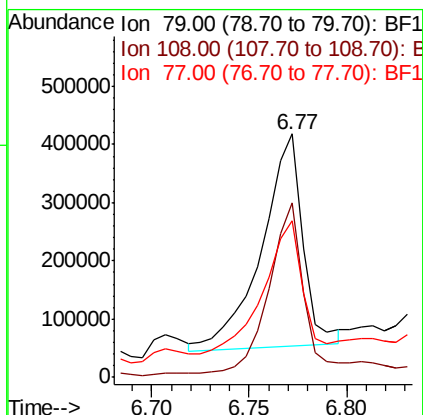
Tot Ion: 79 Resp: 536606

Ion Ratio Lower Upper

79 100

108 71.7 68.7 103.1

77 64.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.766 ng

RT: 6.92 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

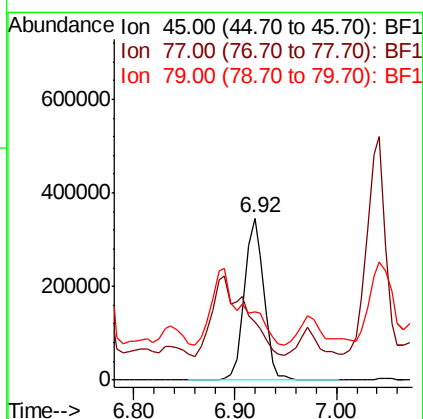
Tgt Ion: 45 Resp: 458545

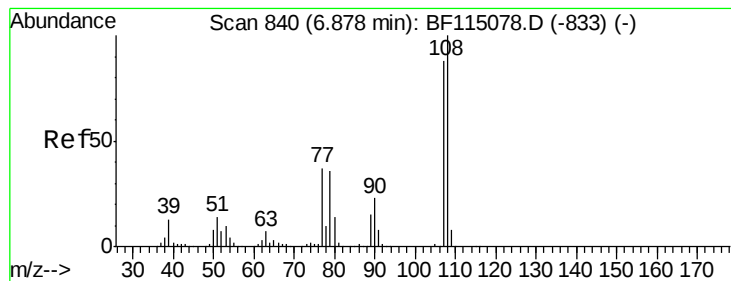
Ion Ratio Lower Upper

45 100

77 35.6 0.0 34.6#

79 41.9 0.0 31.2#

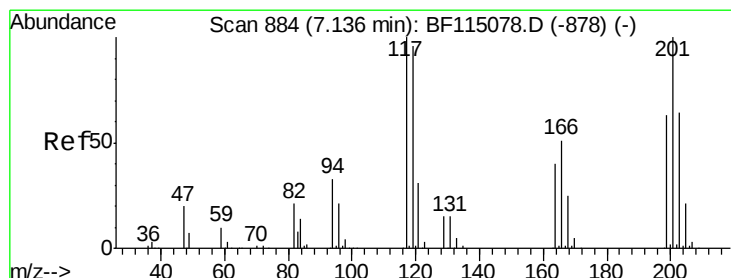
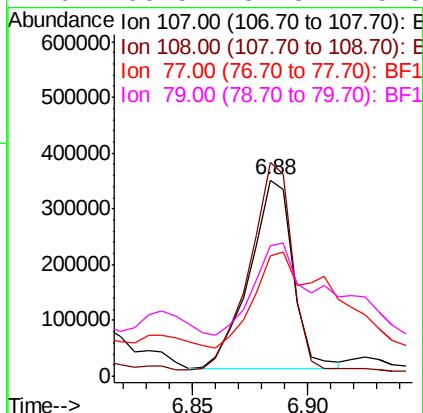
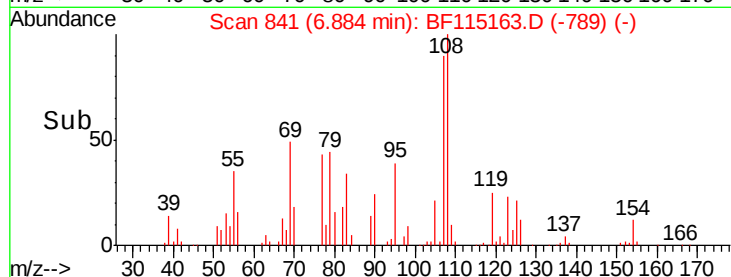
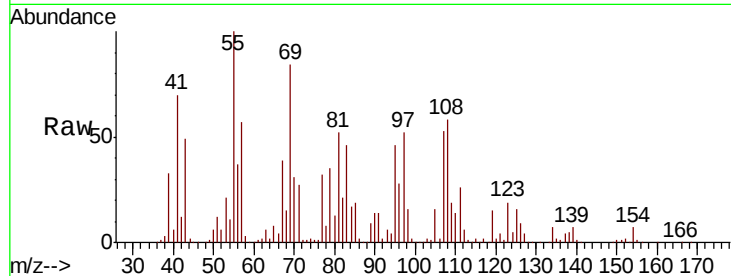




#17
2-Methylphenol
Concen: 34.392 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

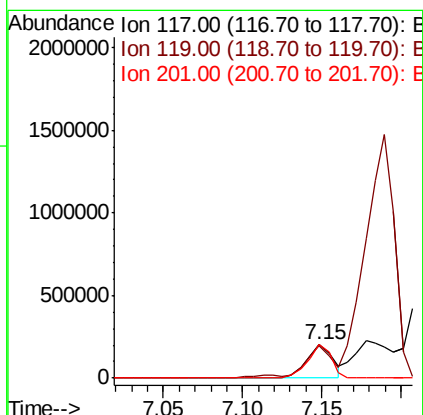
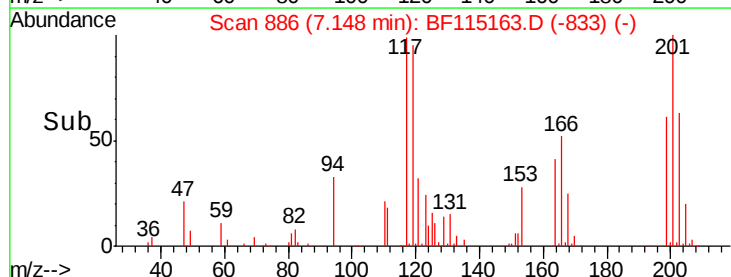
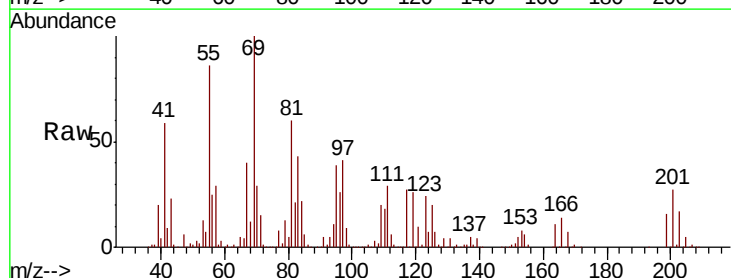
Instrument :
BNA_F
ClientSampleID :
TP-3MS

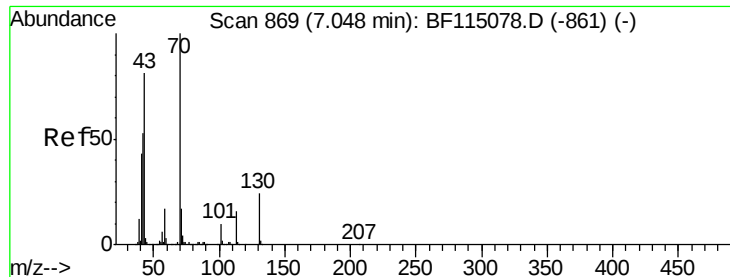
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	90.9	136.3
77	61.0	33.4	50.2
79	66.5	32.3	48.5



#18
Hexachloroethane
Concen: 36.483 ng
RT: 7.15 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	114.8
201	99.6	80.2	120.2

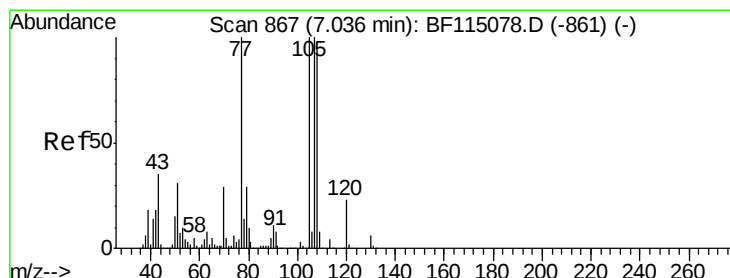
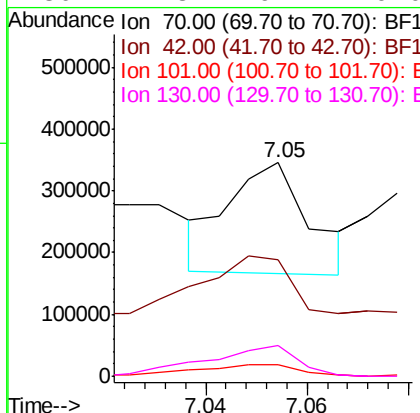
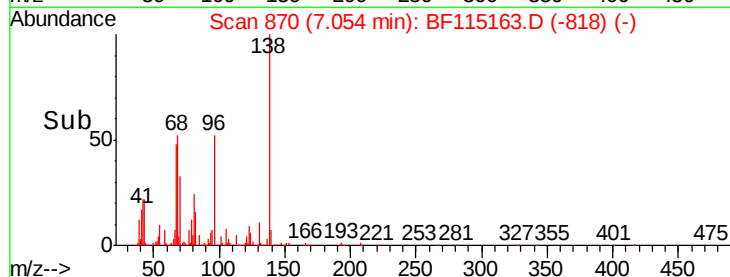
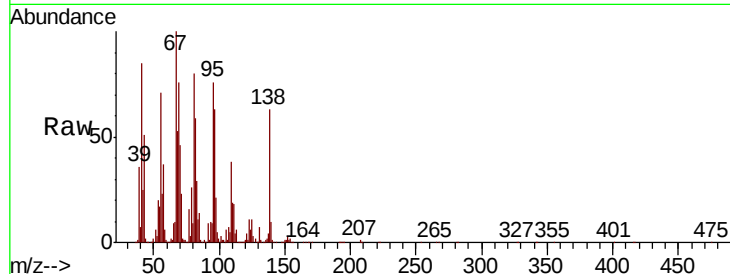




#19
n-Nitroso-di-n-propylamine
Concen: 18.441 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

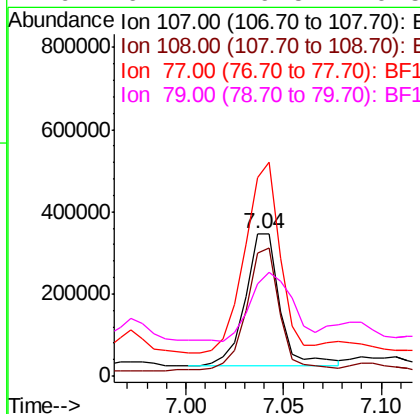
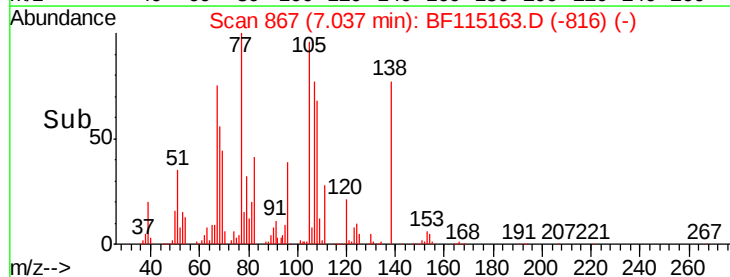
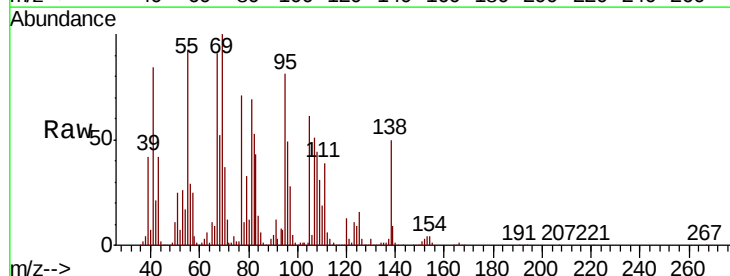
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion: 70 Resp: 198602
Ion Ratio Lower Upper
70 100
42 54.2 42.6 63.8
101 5.7 8.0 12.0#
130 14.3 19.4 29.0#



#20
3+4-Methylphenols
Concen: 26.878 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion: 107 Resp: 399227
Ion Ratio Lower Upper
107 100
108 86.4 75.5 115.5
77 138.7 80.2 120.2#
79 64.2 9.5 49.5#

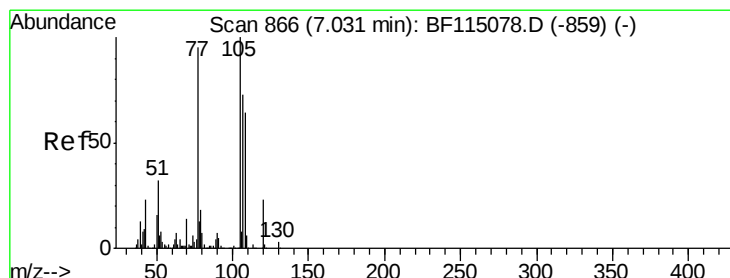
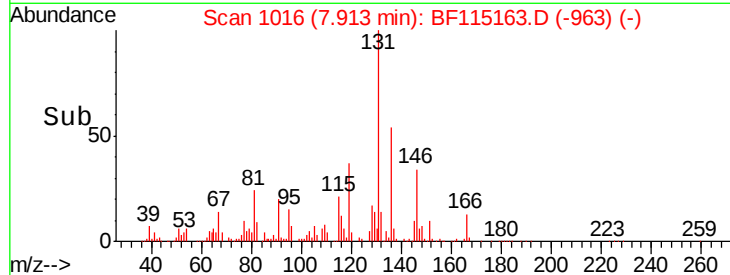
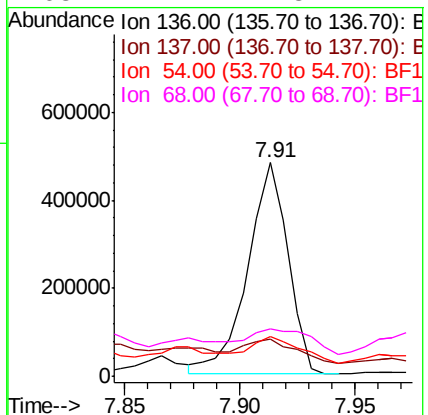
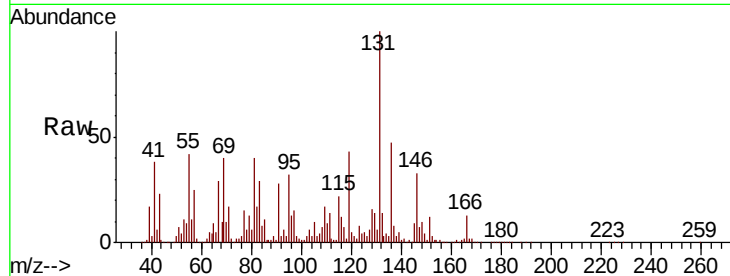




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

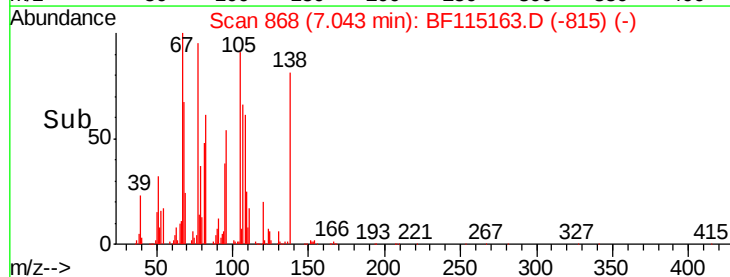
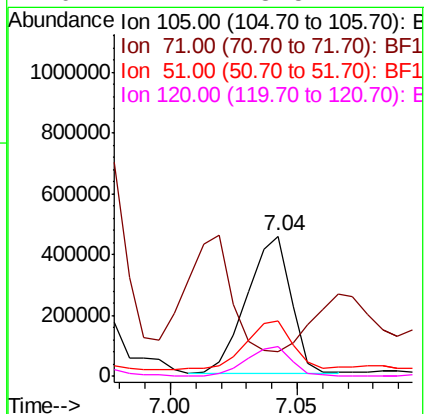
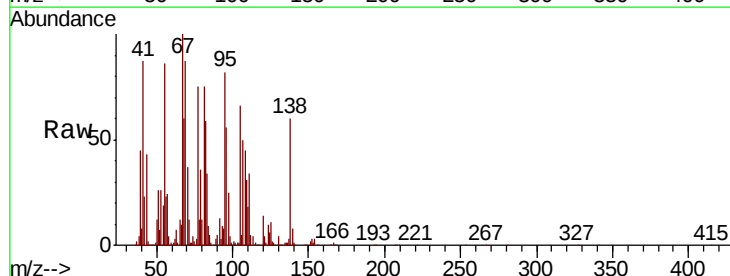
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:136	Resp: 586182
Ion Ratio	Lower Upper
136 100	
137 17.3	8.9 13.3#
54 18.3	5.6 8.4#
68 22.4	4.8 7.2#



#22
Acetophenone
Concen: 40.518 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt	Ion:105	Resp:	543742
Ion	Ratio	Lower	Upper
105	100		
71	17.4	1.9	2.9#
51	39.8	25.8	38.8#
120	21.2	18.5	27.7

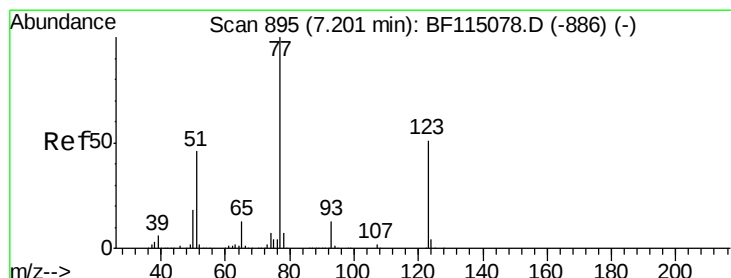
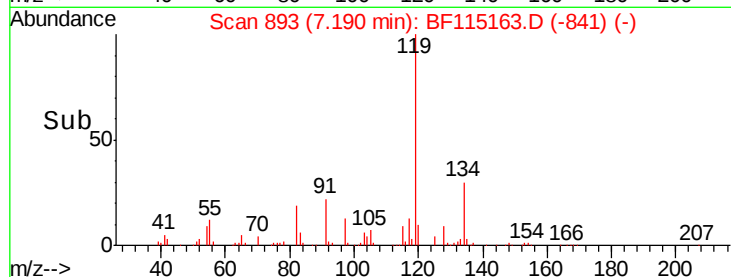
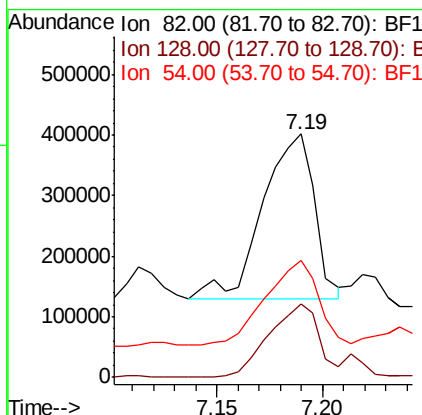
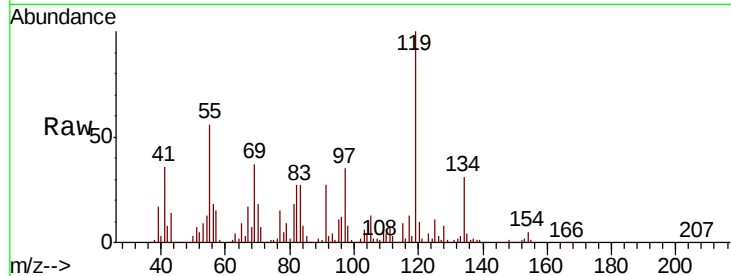




#23
 Nitrobenzene-d5
 Concen: 48.482 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

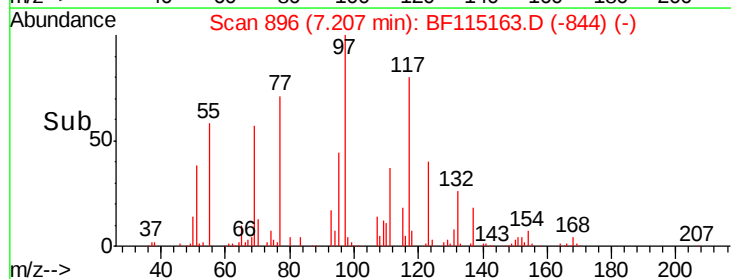
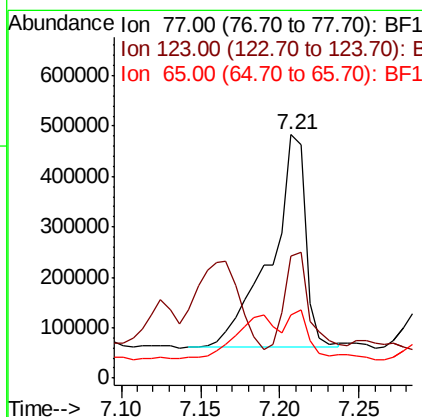
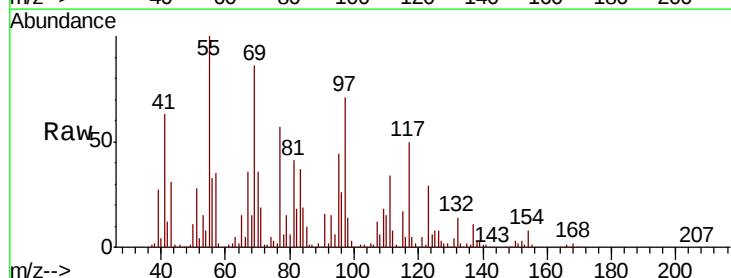
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

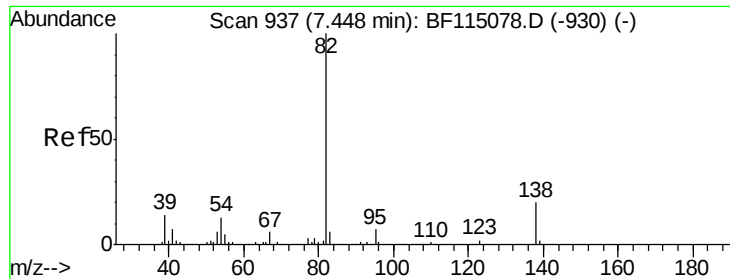
Tot Ion: 82 Resp: 461988
 Ion Ratio Lower Upper
 82 100
 128 30.3 40.4 60.6#
 54 48.1 37.5 56.3



#24
 Nitrobenzene
 Concen: 60.965 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion: 77 Resp: 640003
 Ion Ratio Lower Upper
 77 100
 123 50.1 41.0 61.6
 65 25.8 10.5 15.7#

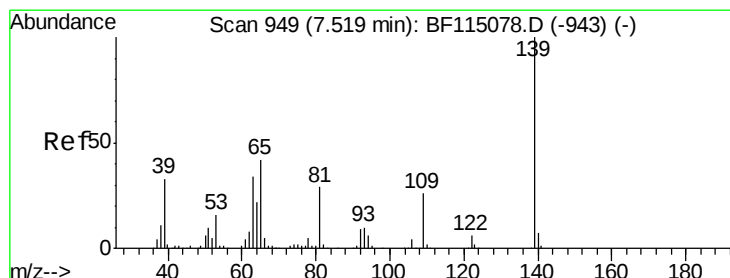
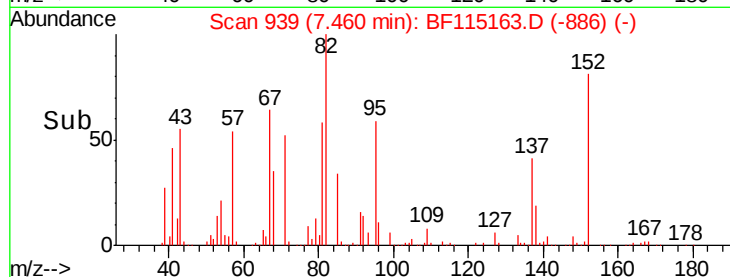
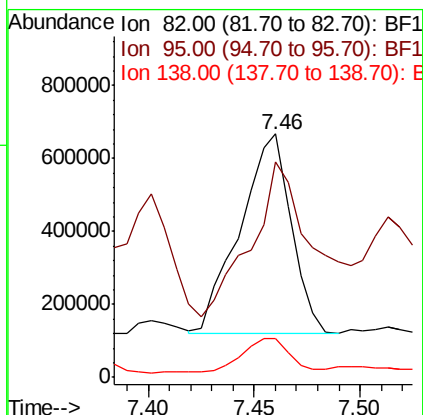
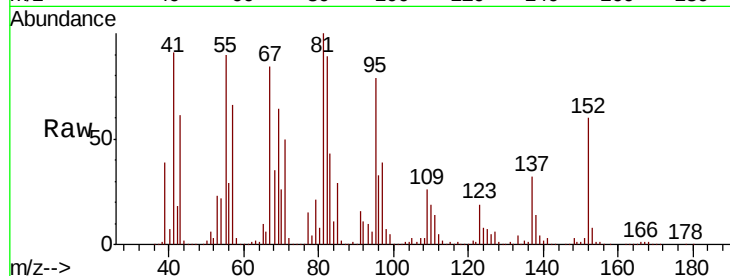




#25
Isophorone
Concen: 47.466 ng
RT: 7.46 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

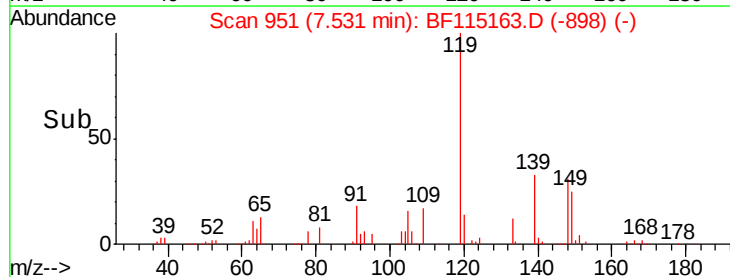
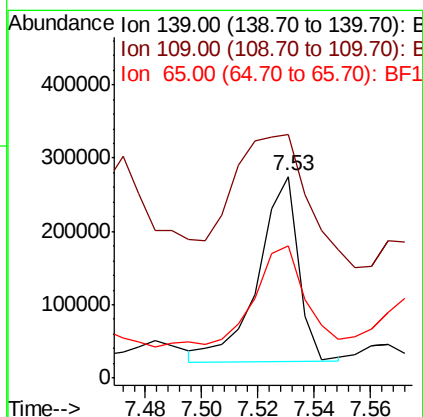
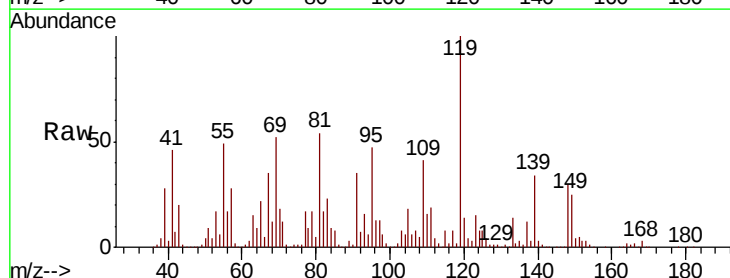
Instrument :
BNA_F
ClientSampled :
TP-3MS

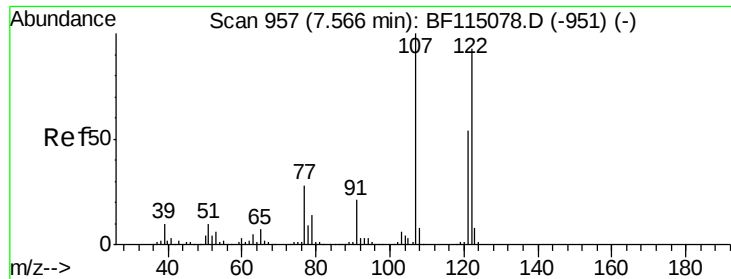
Tot Ion: 82 Resp: 926566
Ion Ratio Lower Upper
82 100
95 88.8 5.4 8.2#
138 16.0 15.9 23.9



#26
2-Nitrophenol
Concen: 48.575 ng
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion: 139 Resp: 251828
Ion Ratio Lower Upper
139 100
109 120.8 20.4 30.6#
65 65.4 33.6 50.4#

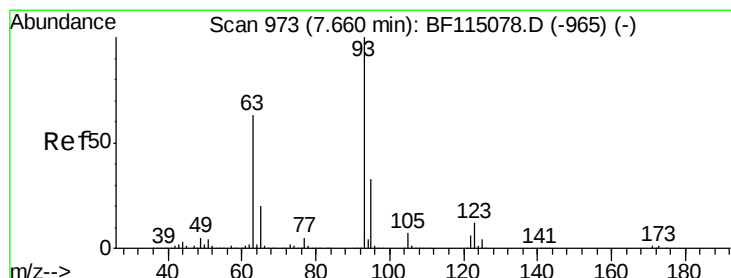
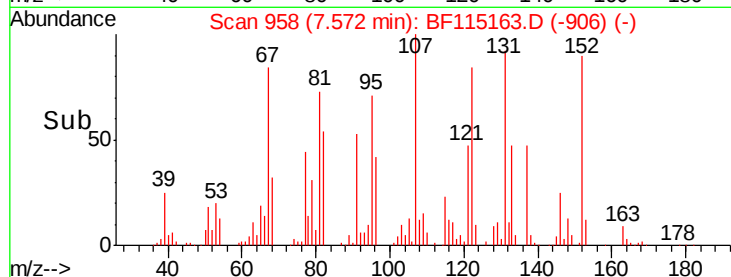
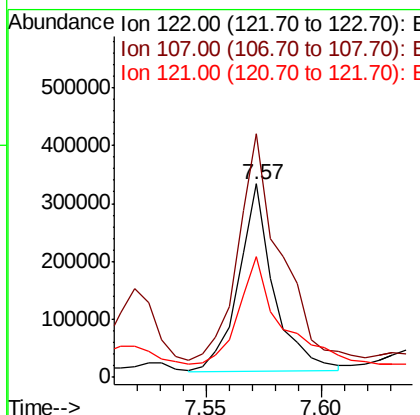
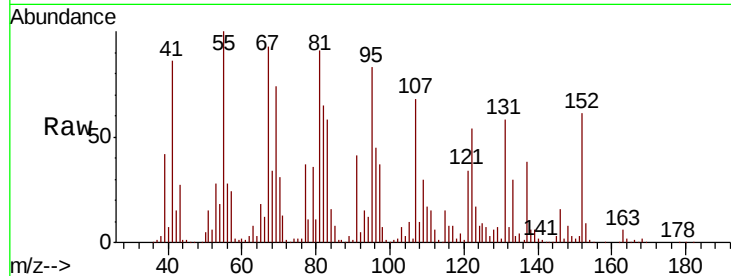




#27
 2,4-Dimethylphenol
 Concen: 40.636 ng
 RT: 7.57 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

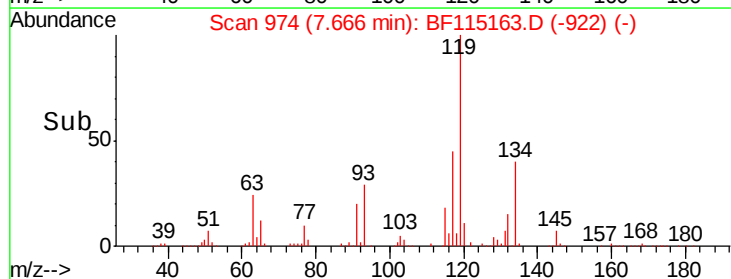
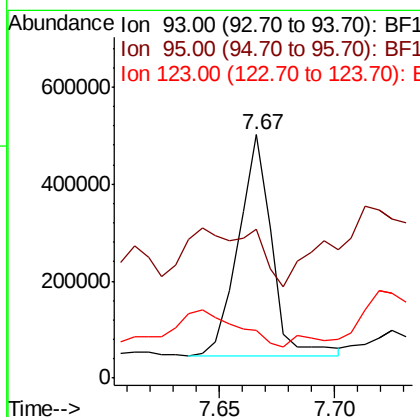
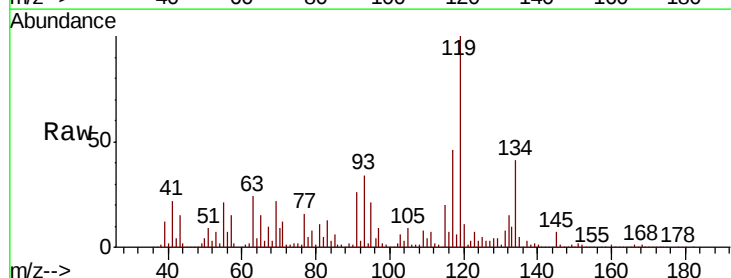
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:122 Resp: 344929
 Ion Ratio Lower Upper
 122 100
 107 126.1 85.8 128.6
 121 62.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.042 ng
 RT: 7.67 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion: 93 Resp: 457023
 Ion Ratio Lower Upper
 93 100
 95 61.1 26.2 39.4#
 123 19.7 9.7 14.5#

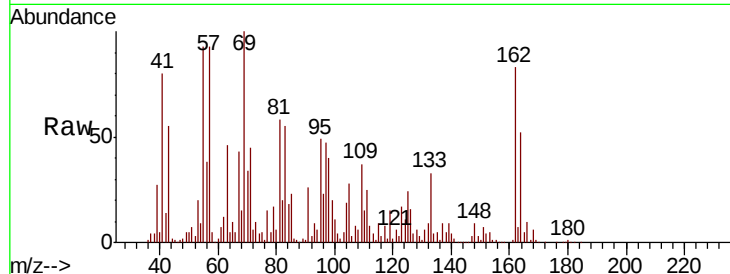




#29
2,4-Dichlorophenol
Concen: 53.939 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.3	85.3
98	48.5	12.5	52.5

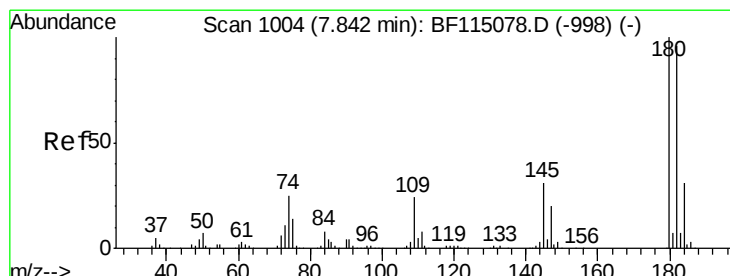
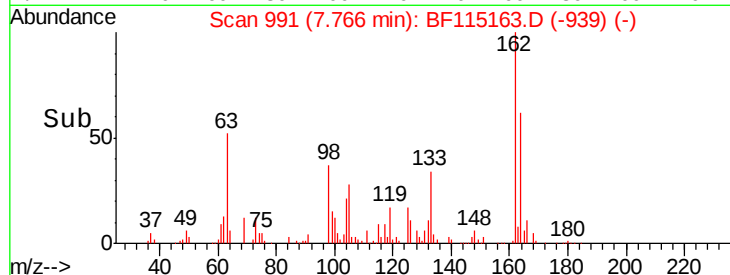
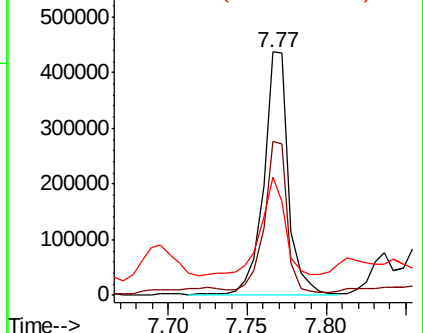


Abundance

Ion 162.00 (161.70 to 162.70): E

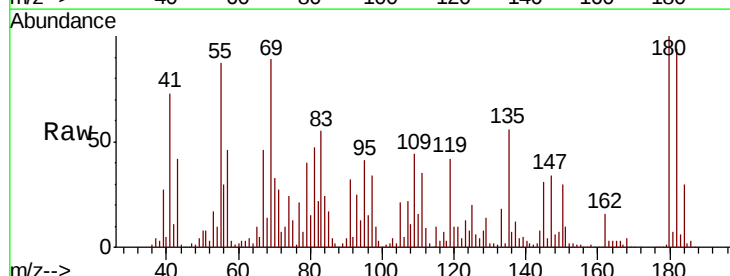
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 51.151 ng
RT: 7.86 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
145	30.7	24.8	37.2

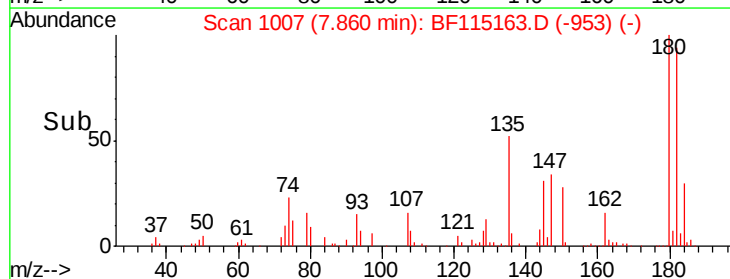
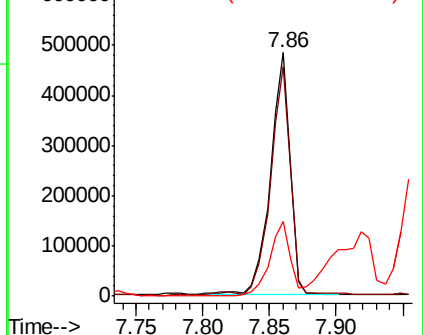


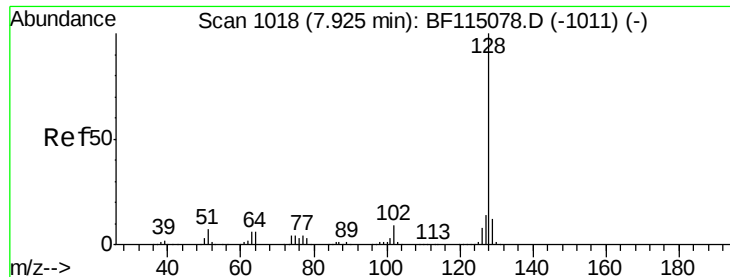
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

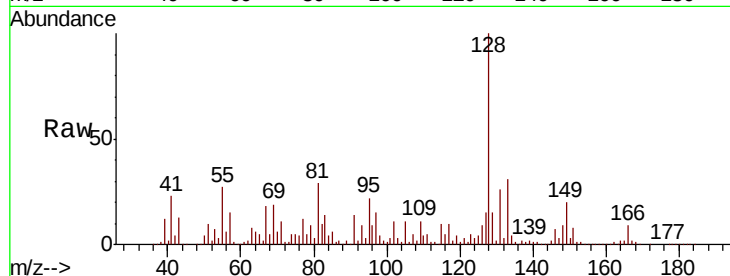




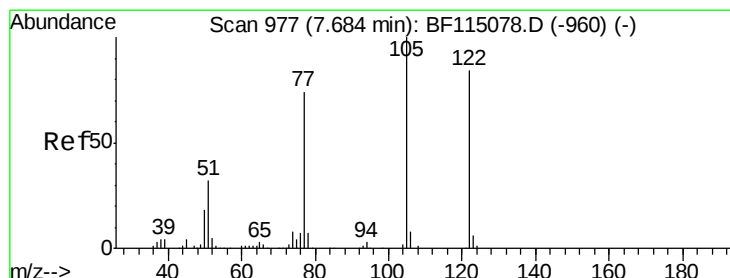
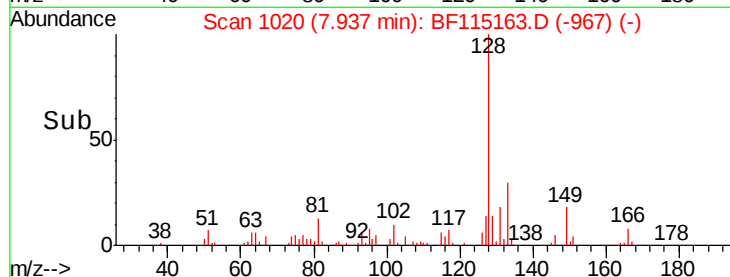
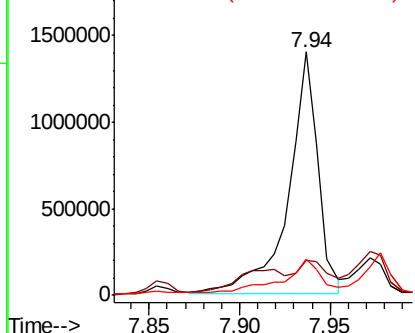
#31
Naphthalene
Concen: 56.068 ng
RT: 7.94 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:128 Resp: 1613305
Ion Ratio Lower Upper
128 100
129 14.6 9.6 14.4#
127 15.0 11.4 17.0

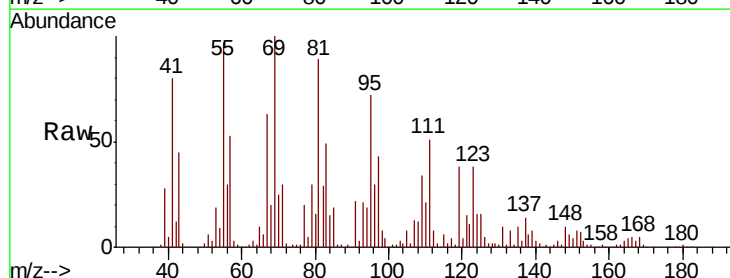


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

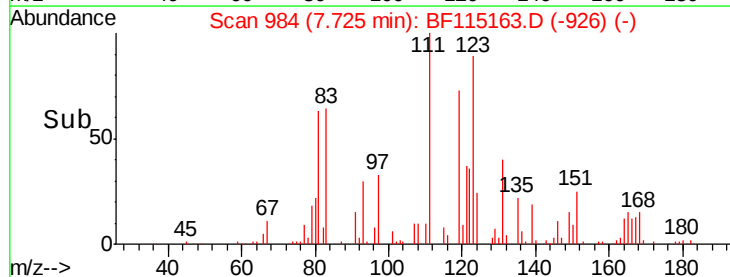
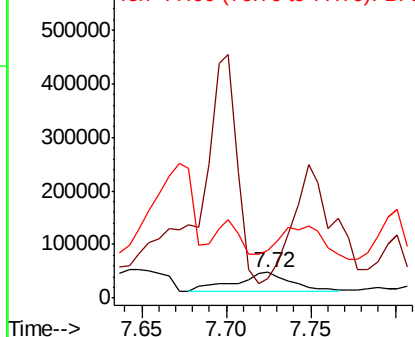


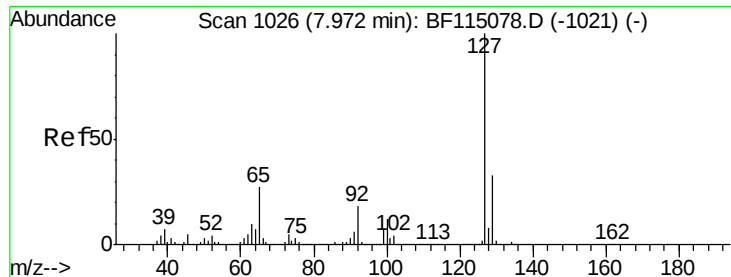
#32
Benzoic acid
Concen: 13.443 ng
RT: 7.72 min Scan# 984
Delta R.T. 0.04 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:122 Resp: 81450
Ion Ratio Lower Upper
122 100
105 78.5 98.2 138.2#
77 187.1 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

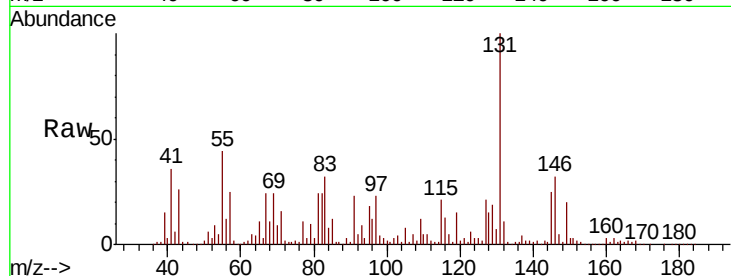




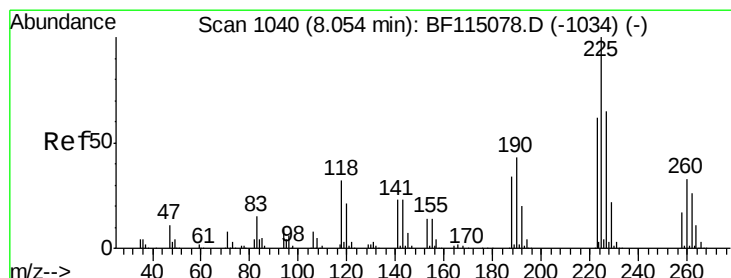
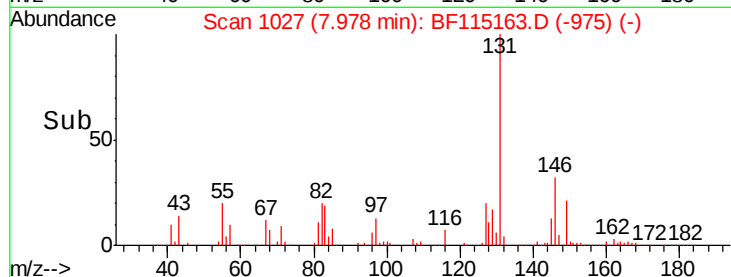
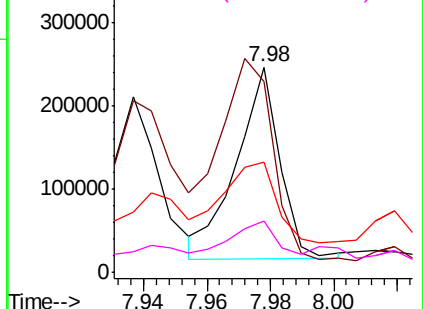
#33
4-Chloroaniline
Concen: 16.492 ng
RT: 7.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:	127	Resp:	216876
Ion	Ratio	Lower	Upper
127	100		
129	93.1	26.1	39.1#
65	54.0	21.4	32.2#
92	25.1	14.1	21.1#

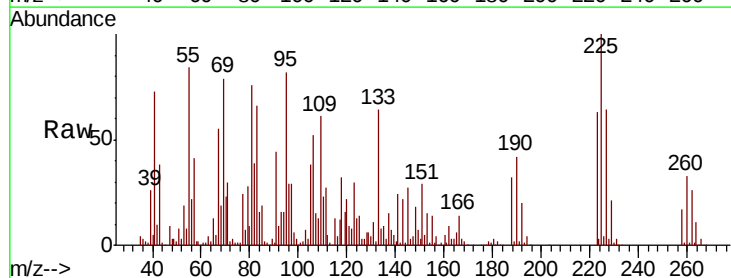


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

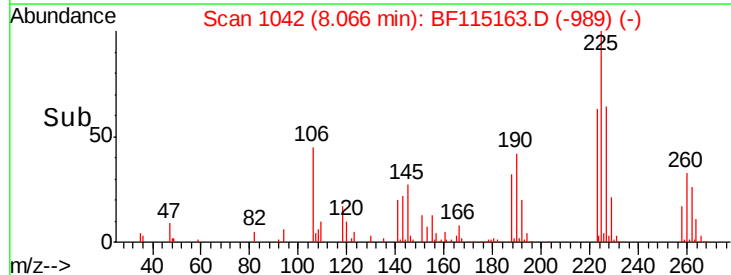
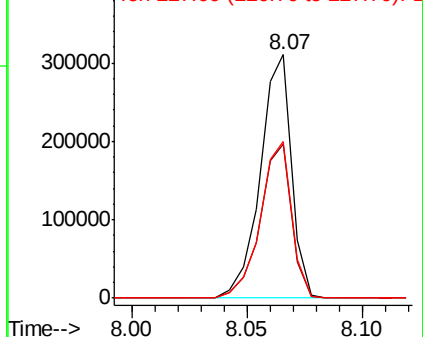


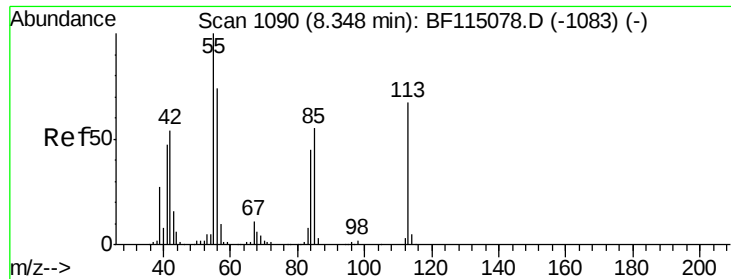
#34
Hexachlorobutadiene
Concen: 55.062 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:	225	Resp:	291963
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	64.3	51.8	77.8



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

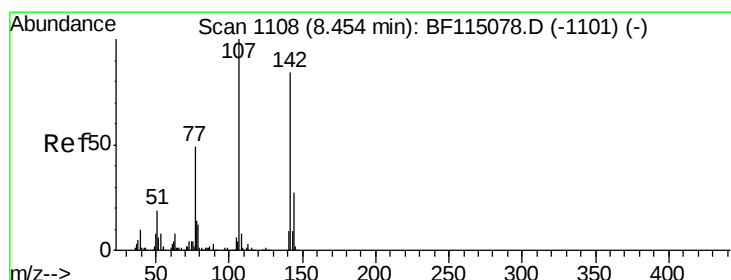
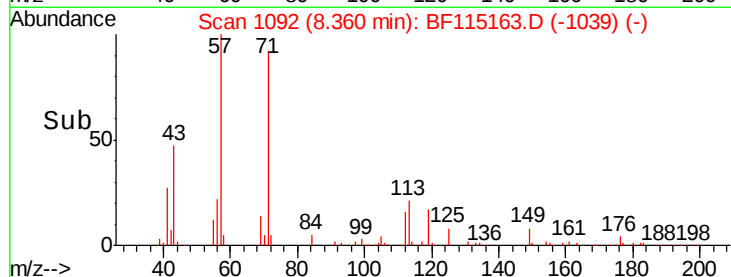
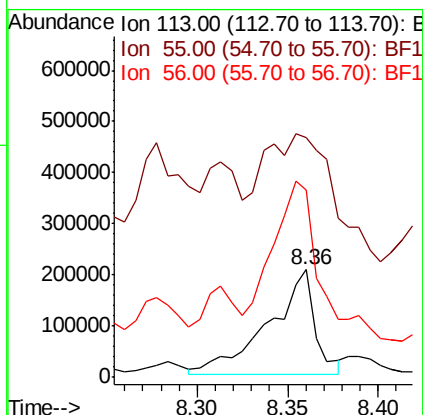
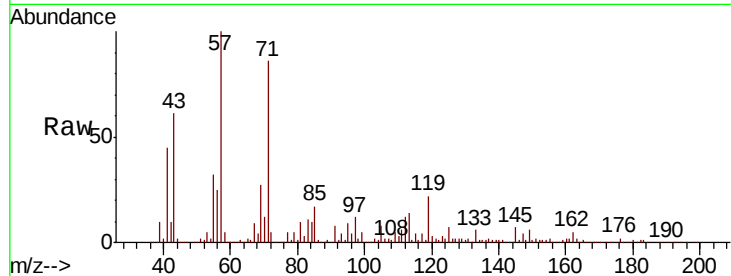




#35
 Caprolactam
 Concen: 125.223 ng
 RT: 8.36 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

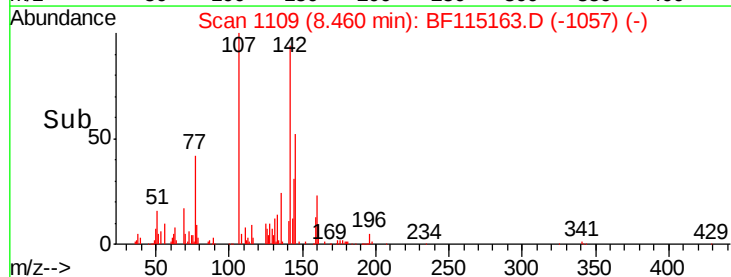
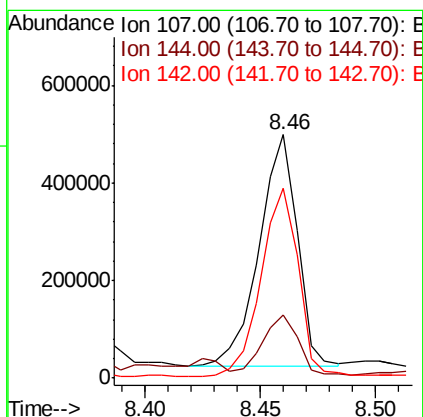
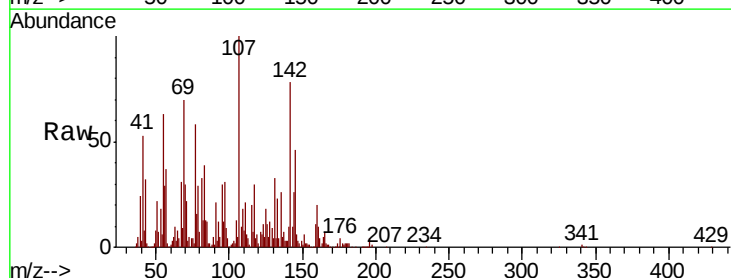
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

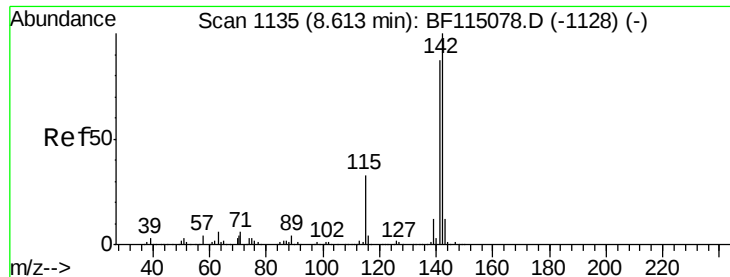
Tot Ion:113 Resp: 368799
 Ion Ratio Lower Upper
 113 100
 55 223.0 130.2 170.2#
 56 173.7 91.6 131.6#



#36
 4-Chloro-3-methylphenol
 Concen: 60.938 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion:107 Resp: 540600
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.7 32.5
 142 78.0 67.0 100.4

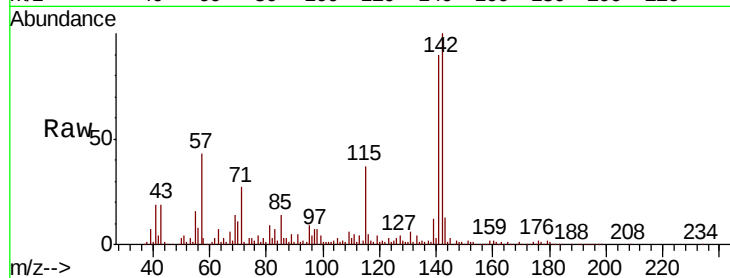




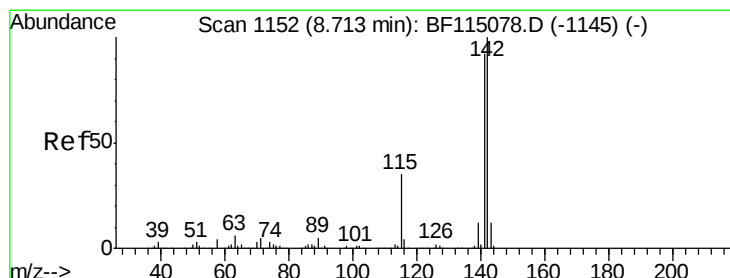
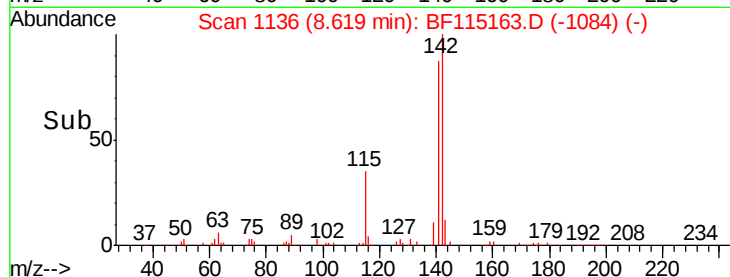
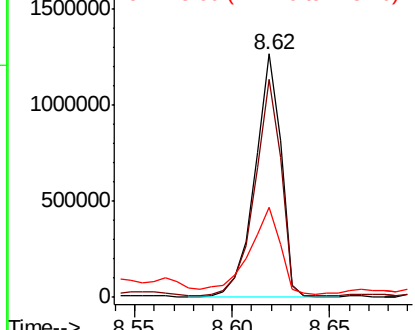
#37
2-Methylnaphthalene
Concen: 60.307 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:142 Resp: 1170020
Ion Ratio Lower Upper
142 100
141 89.8 69.8 104.6
115 36.9 26.7 40.1

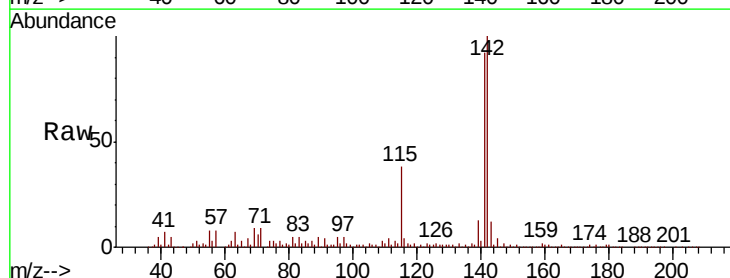


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

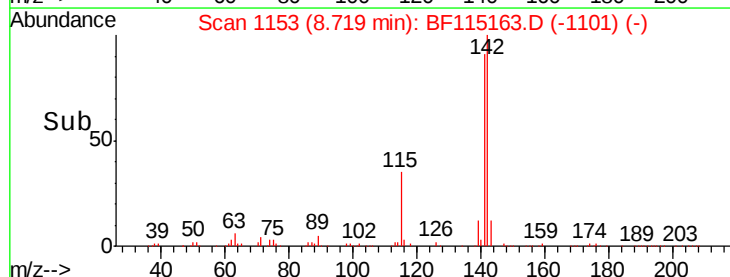
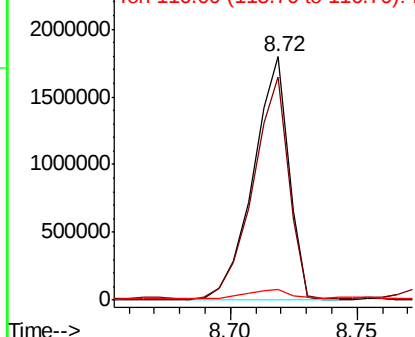


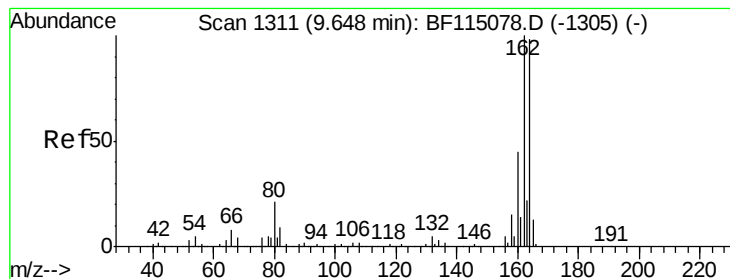
#38
1-Methylnaphthalene
Concen: 95.197 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:142 Resp: 1763932
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8
116 4.4 2.8 4.2#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

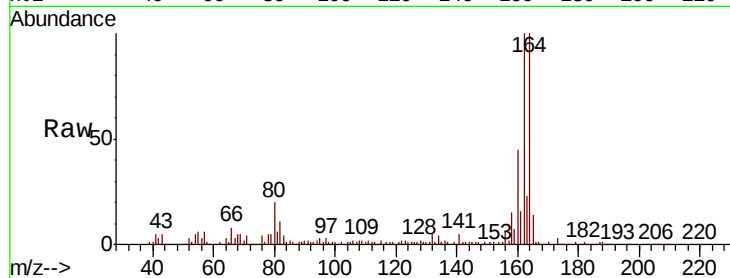
Tot Ion:164 Resp: 514428

Ion Ratio Lower Upper

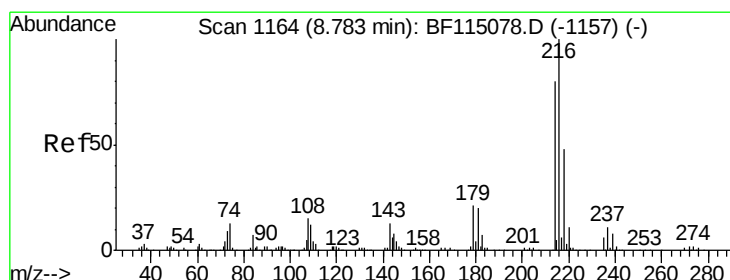
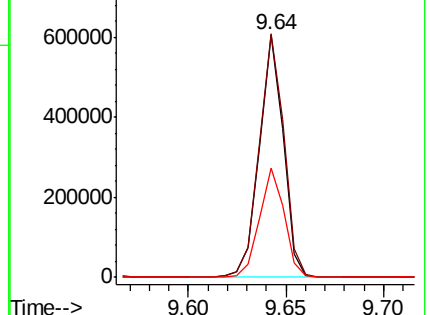
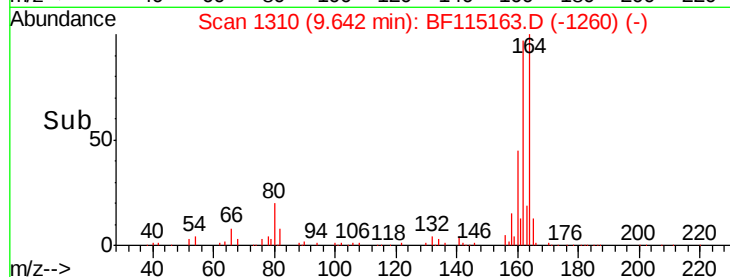
164 100

162 100.3 81.7 122.5

160 45.0 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.873 ng

RT: 8.78 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Tgt Ion:216 Resp: 536014

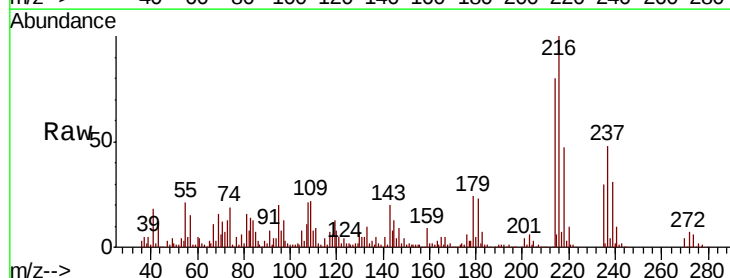
Ion Ratio Lower Upper

216 100

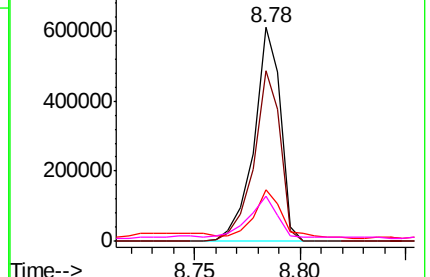
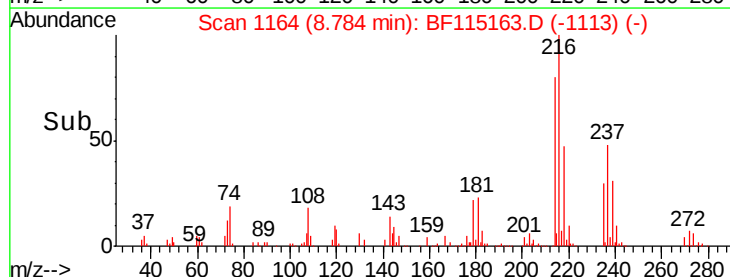
214 79.0 63.8 95.6

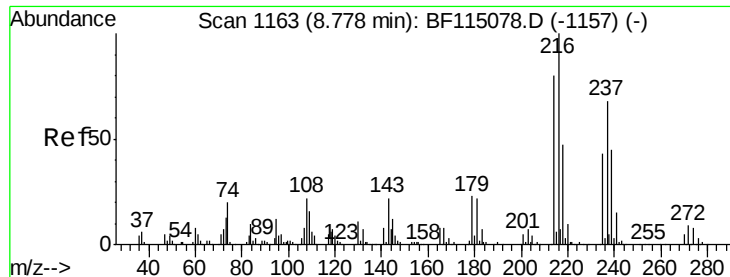
179 24.4 17.6 26.4

108 22.8 15.7 23.5



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: 70.113 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

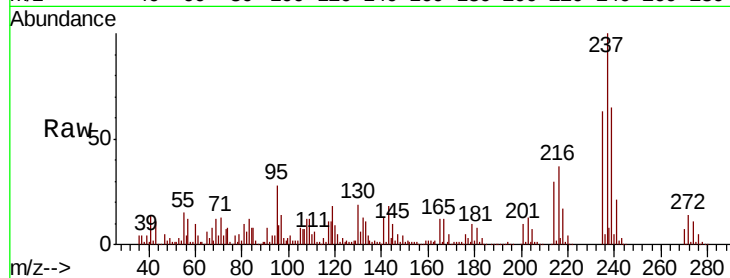
Tot Ion:237 Resp: 604359

Ion Ratio Lower Upper

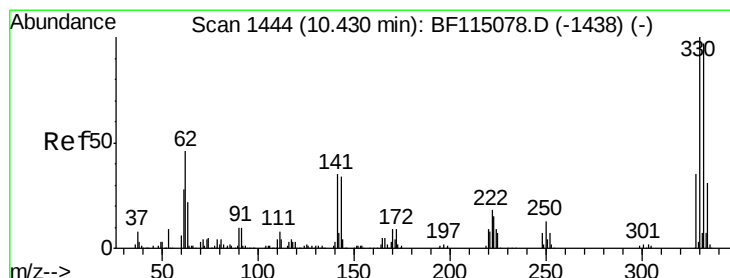
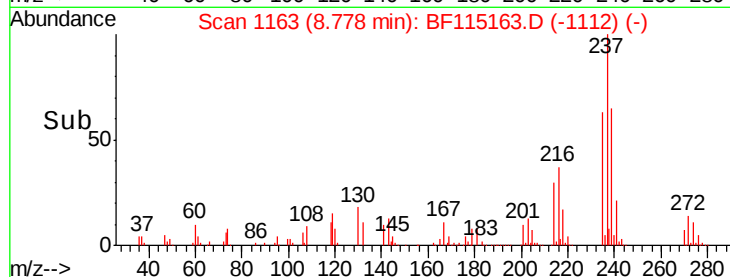
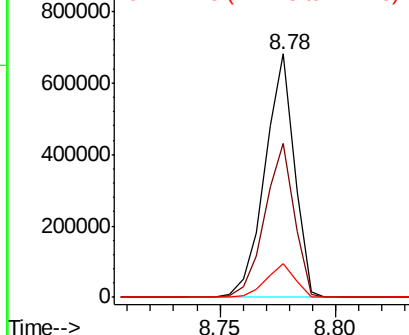
237 100

235 63.3 43.9 83.9

272 13.6 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 78.577 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

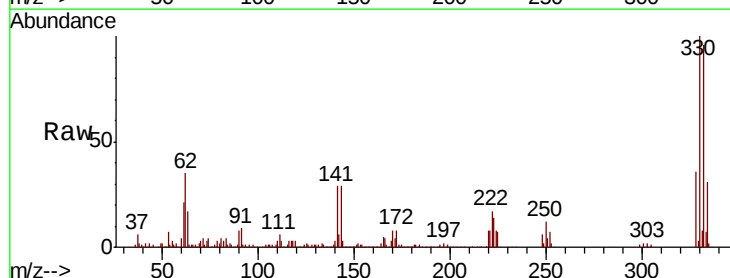
Tgt Ion:330 Resp: 426267

Ion Ratio Lower Upper

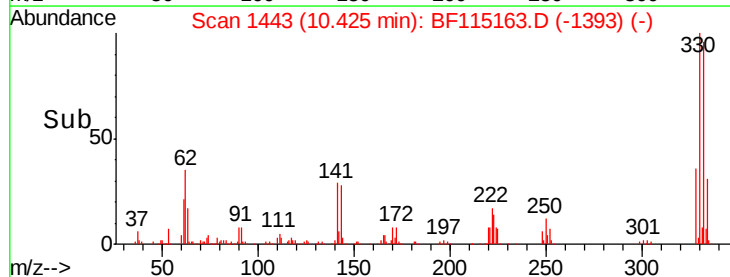
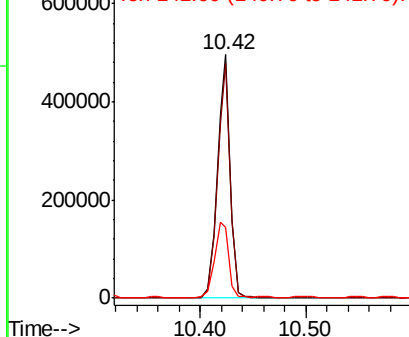
330 100

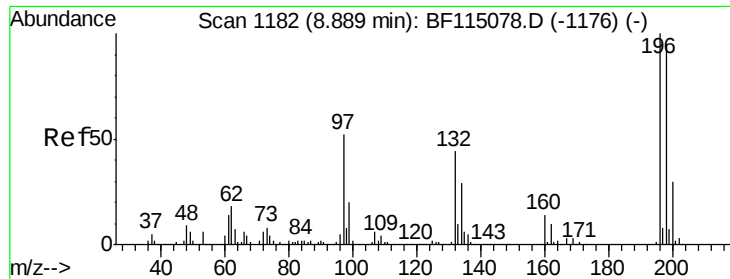
332 96.7 77.3 115.9

141 34.3 28.2 42.2



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: 37.176 ng

RT: 8.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

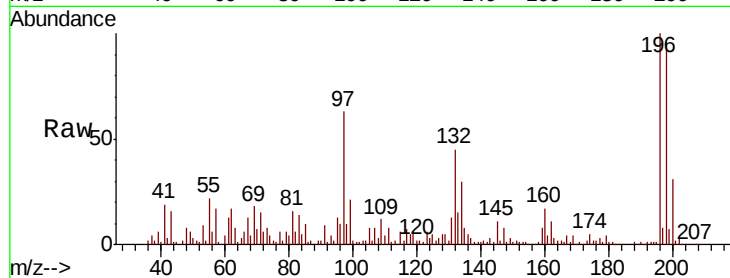
Tot Ion:196 Resp: 417229

Ion Ratio Lower Upper

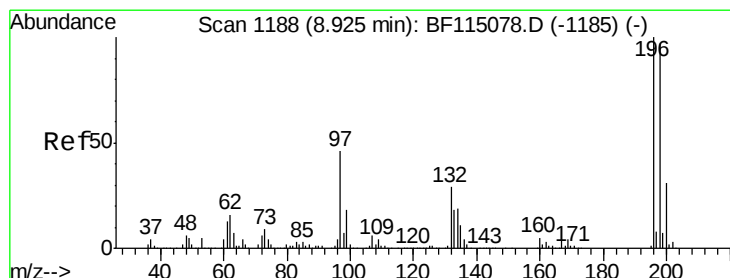
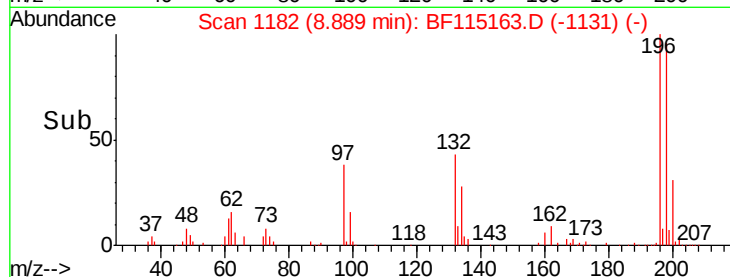
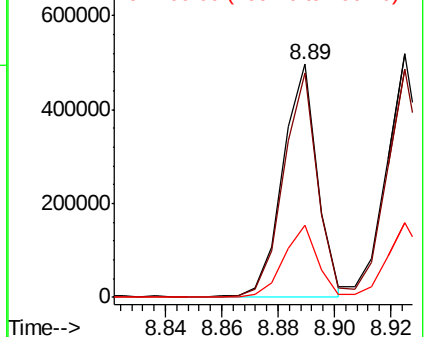
196 100

198 96.0 76.3 114.5

200 30.9 24.2 36.4



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



#44

2,4,5-Trichlorophenol

Concen: 39.012 ng

RT: 8.92 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Tgt Ion:196 Resp: 450885

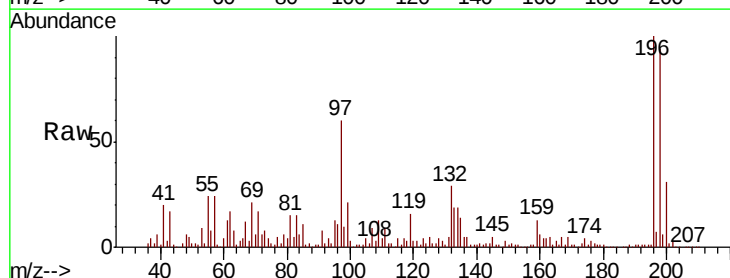
Ion Ratio Lower Upper

196 100

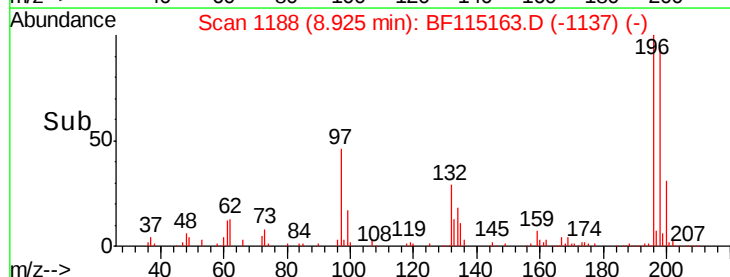
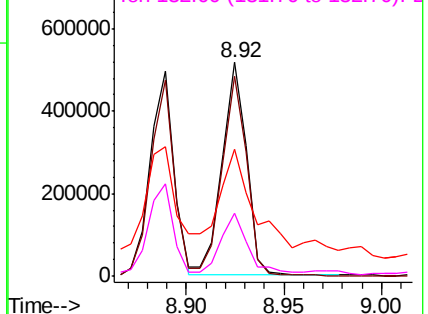
198 93.7 77.1 115.7

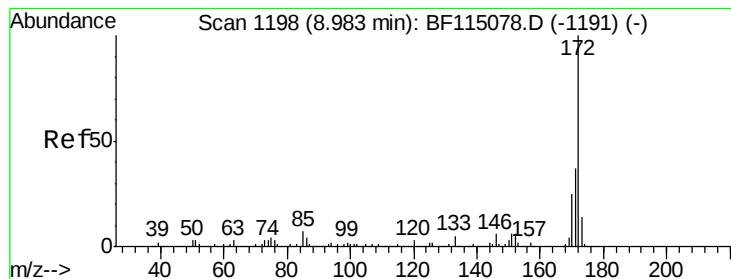
97 59.5 37.7 56.5#

132 29.5 23.1 34.7



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: 55.395 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

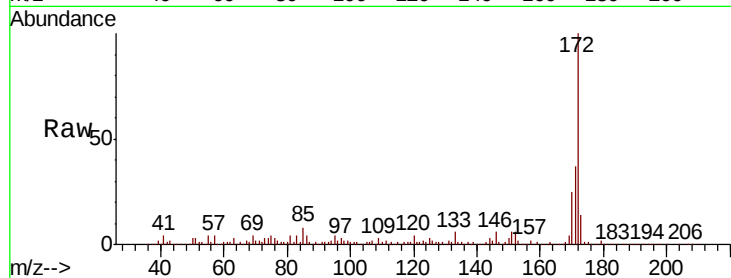
Tot Ion:172 Resp: 1677650

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

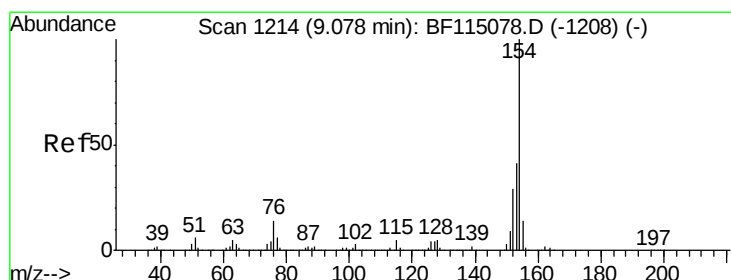
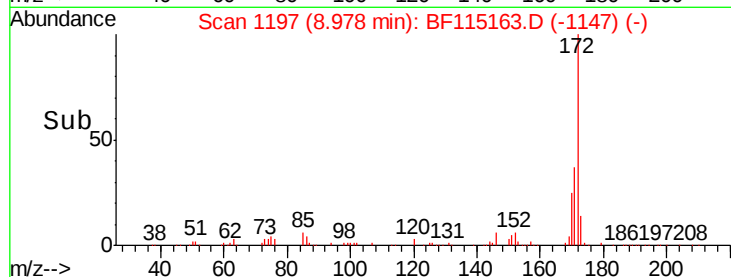
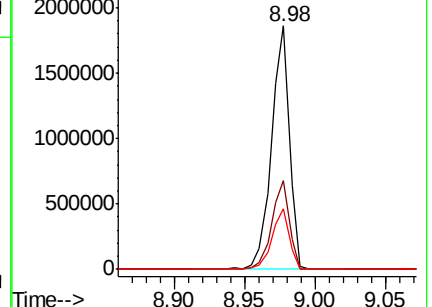
170 25.0 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.488 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

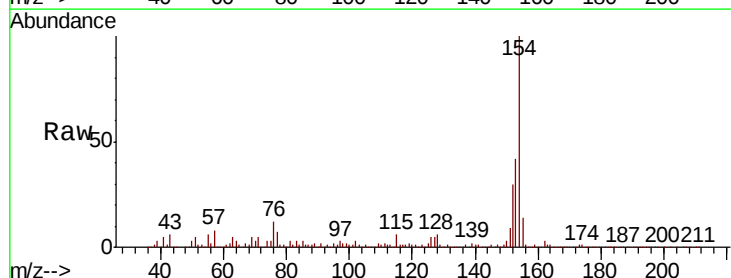
Tgt Ion:154 Resp: 1584220

Ion Ratio Lower Upper

154 100

153 41.7 20.9 60.9

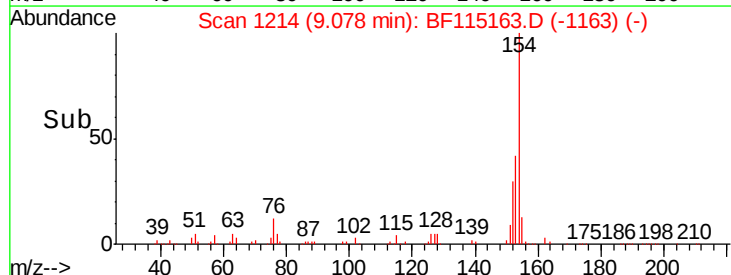
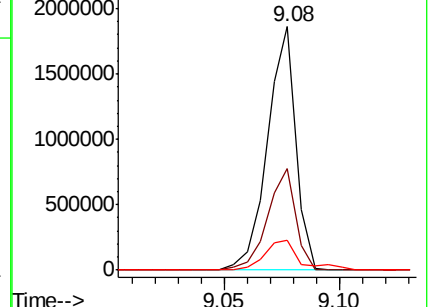
76 12.3 0.0 34.1

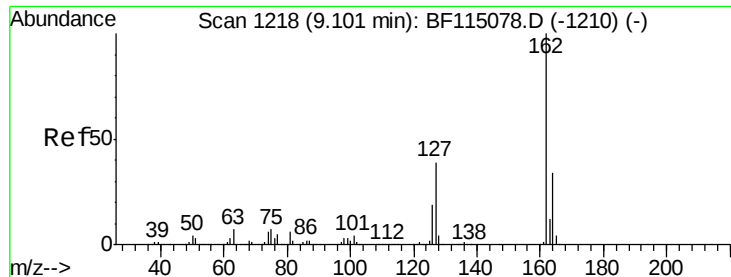


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

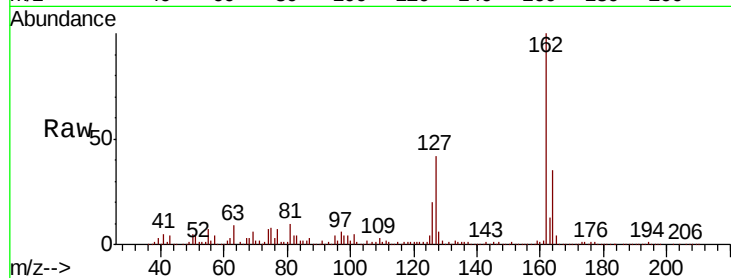




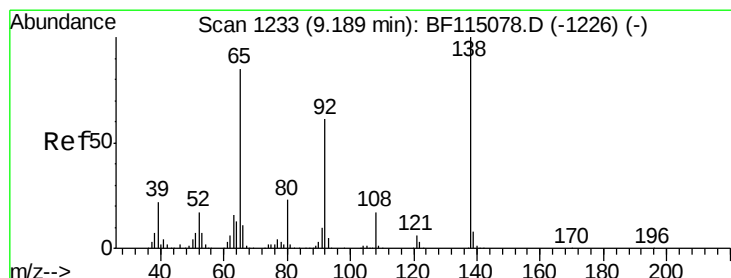
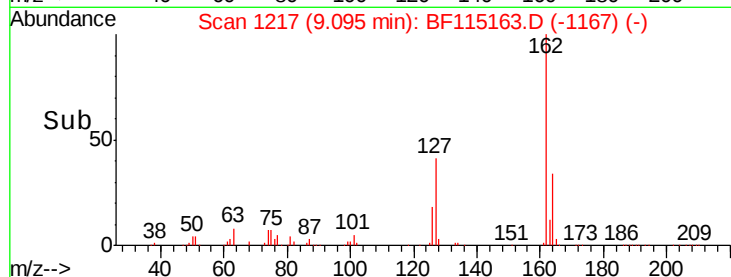
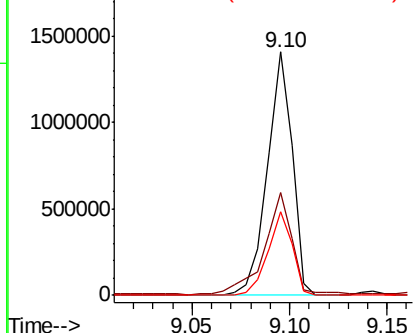
#47
2-Chloronaphthalene
Concen: 37.156 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:162 Resp: 1240568
Ion Ratio Lower Upper
162 100
127 42.4 30.8 46.2
164 34.5 27.0 40.4

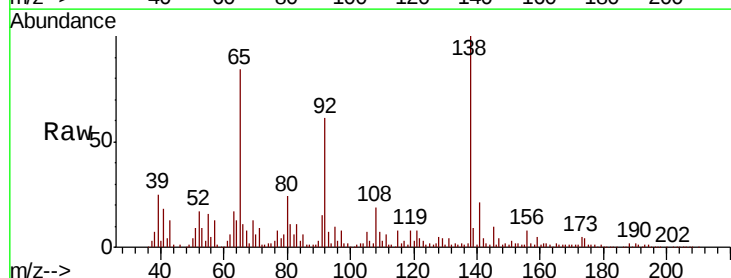


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

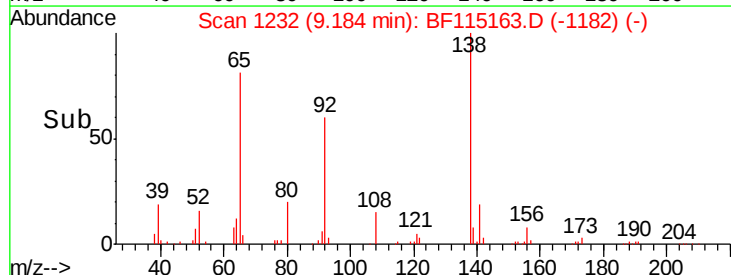
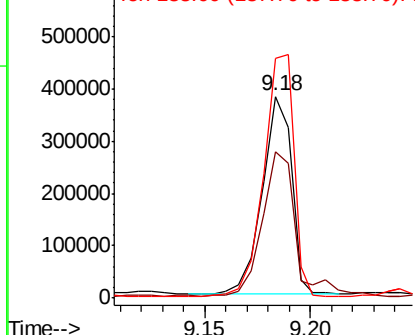


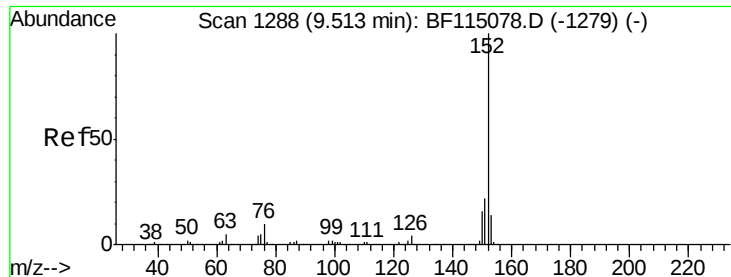
#48
2-Nitroaniline
Concen: 37.712 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion: 65 Resp: 367097
Ion Ratio Lower Upper
65 100
92 72.6 57.4 86.2
138 119.1 94.1 141.1



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: 38.192 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

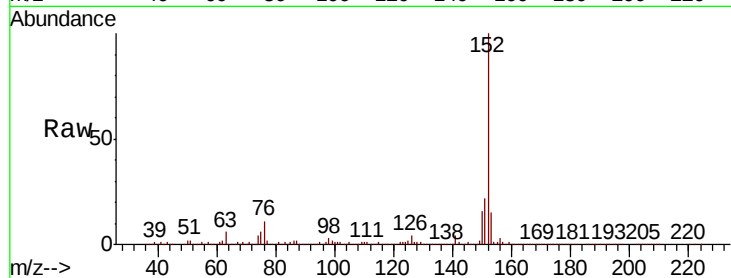
Tot Ion:152 Resp: 1986774

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

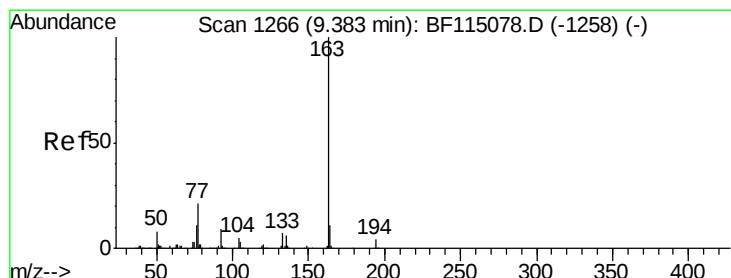
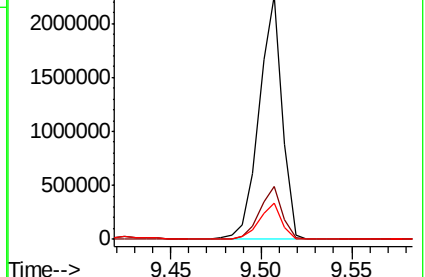
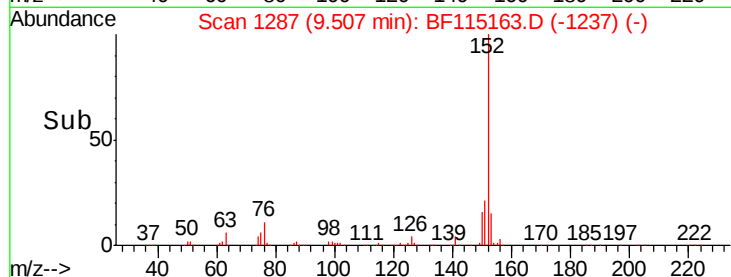
153 14.7 11.0 16.6



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: 48.831 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

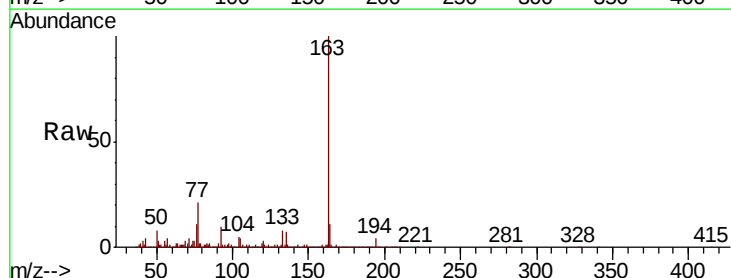
Tgt Ion:163 Resp: 1848147

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

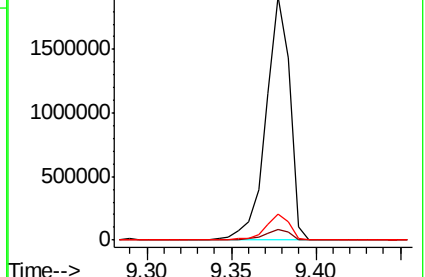
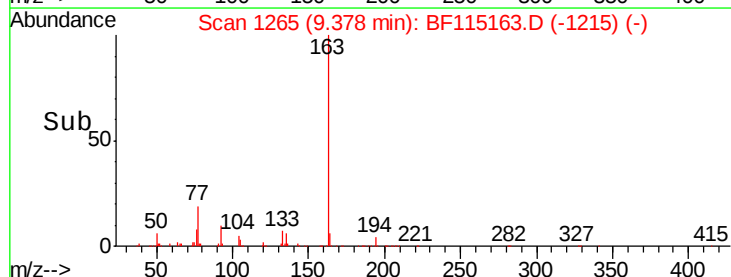
164 10.8 8.6 13.0

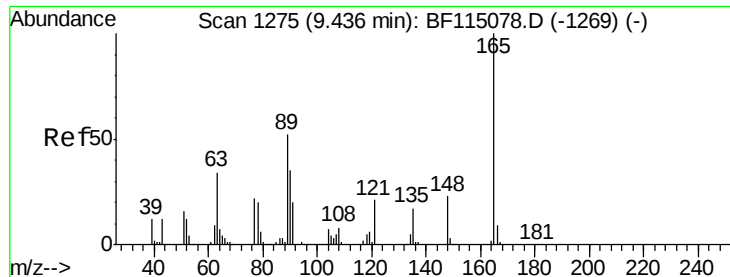


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.687 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

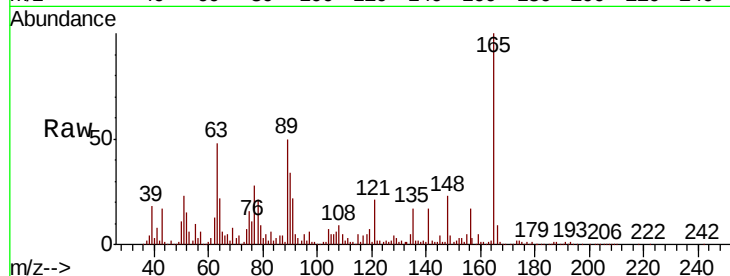
Tot Ion:165 Resp: 35513

Ion Ratio Lower Upper

165 100

63 47.8 39.4 59.2

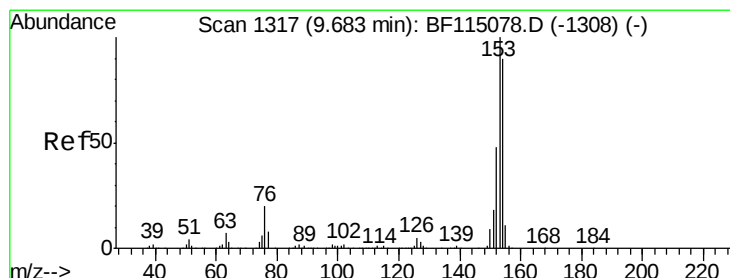
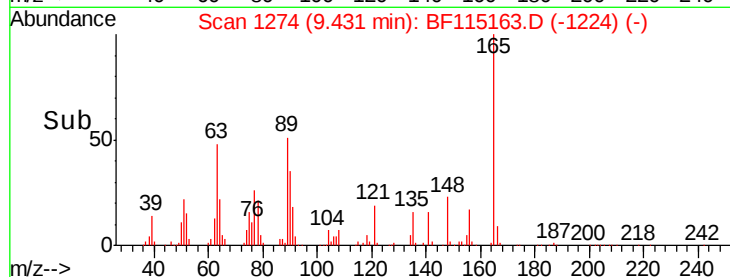
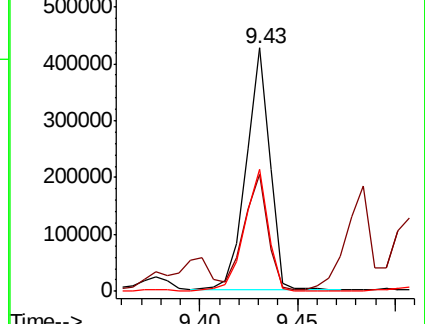
89 50.1 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.824 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

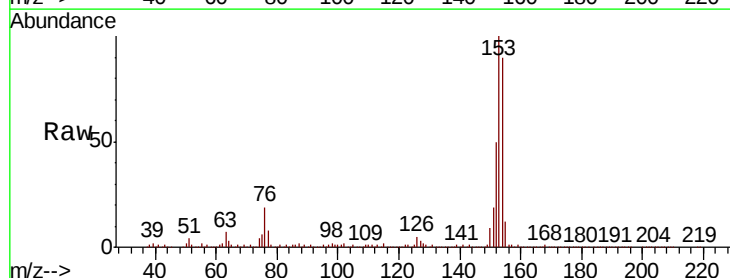
Tgt Ion:154 Resp: 1296317

Ion Ratio Lower Upper

154 100

153 110.6 88.7 133.1

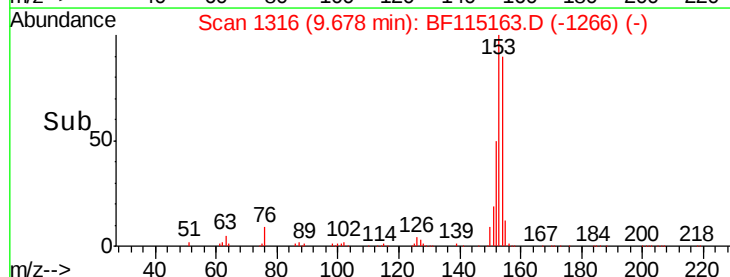
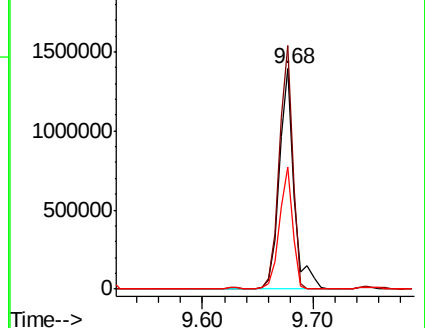
152 55.6 42.6 64.0

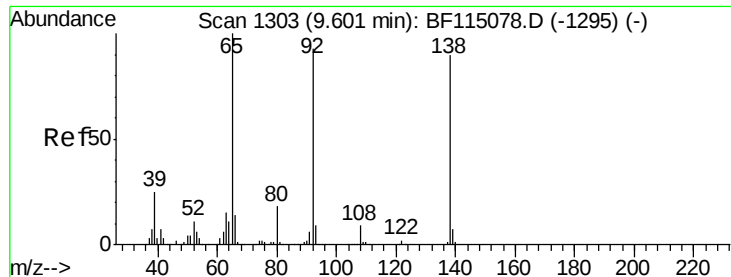


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

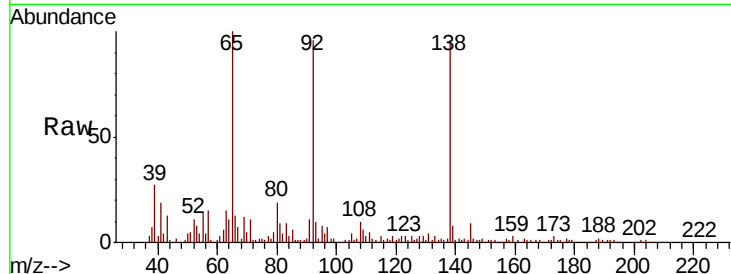




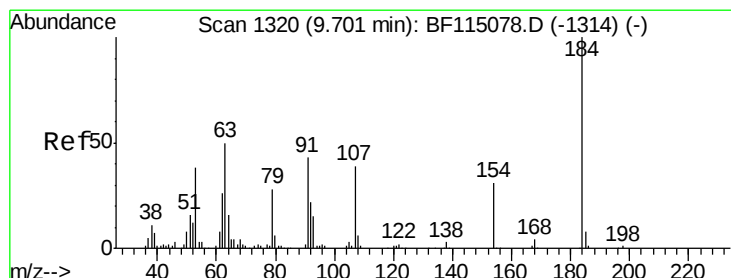
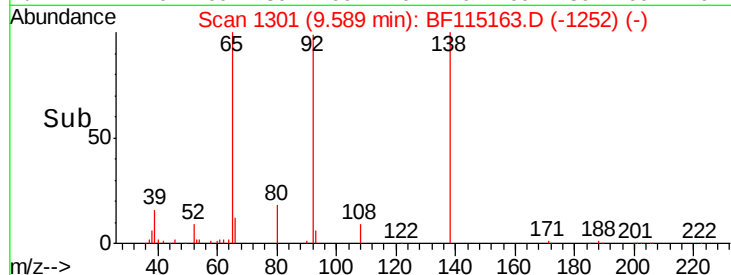
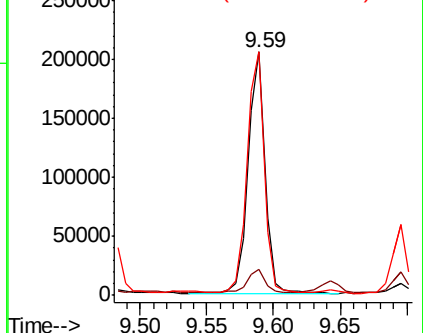
#53
3-Nitroaniline
Concen: 16.541 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:138 Resp: 176377
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.6
92 99.8 82.9 124.3

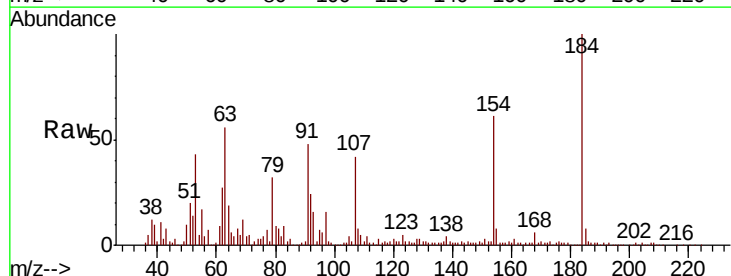


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

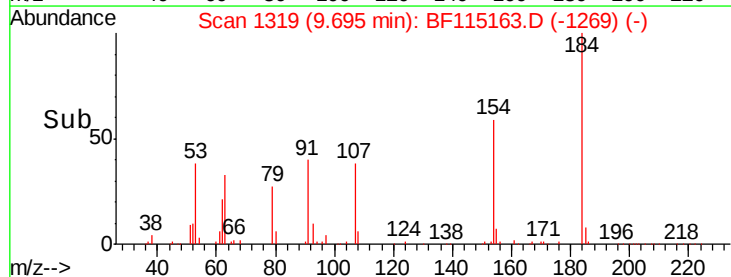
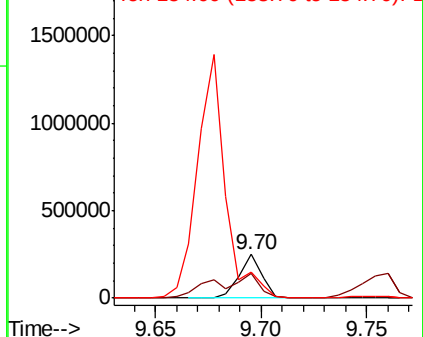


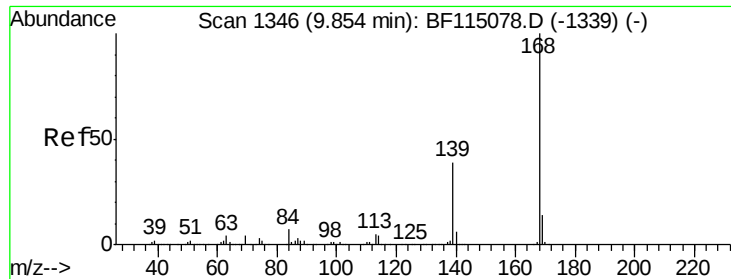
#54
2,4-Dinitrophenol
Concen: 44.916 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:184 Resp: 186006
Ion Ratio Lower Upper
184 100
63 56.4 41.9 62.9
154 60.6 44.7 67.1



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

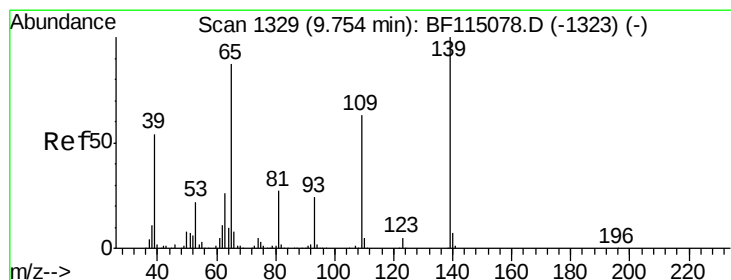
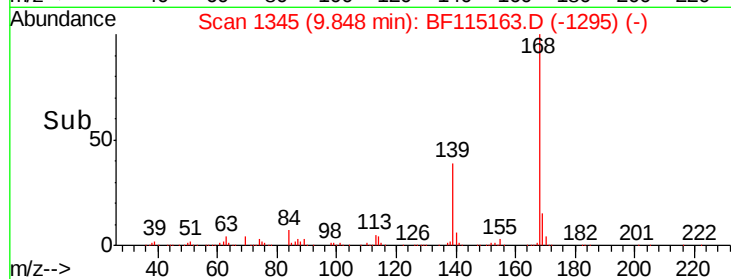
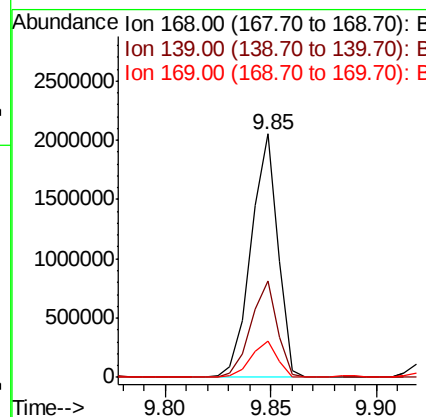
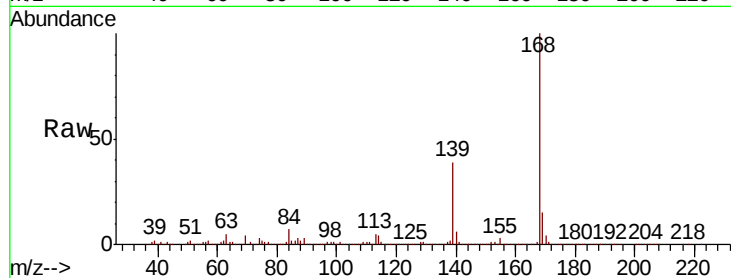




#55
Dibenzofuran
Concen: 38.701 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

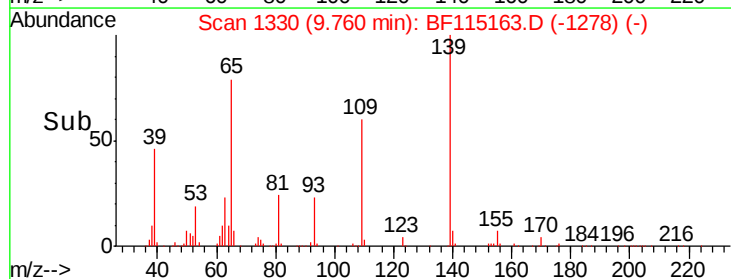
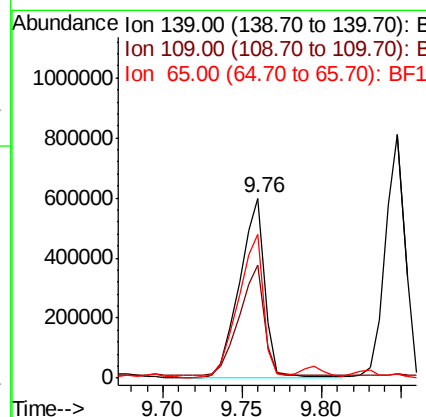
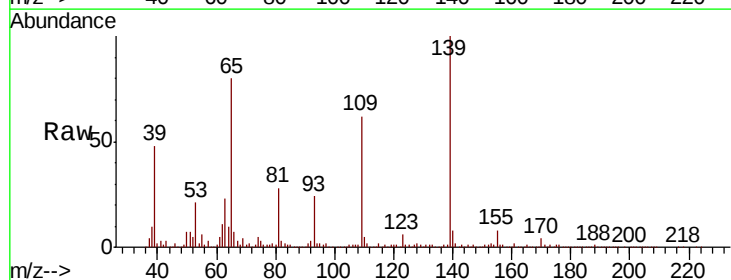
Instrument :
BNA_F
ClientSampled :
TP-3MS

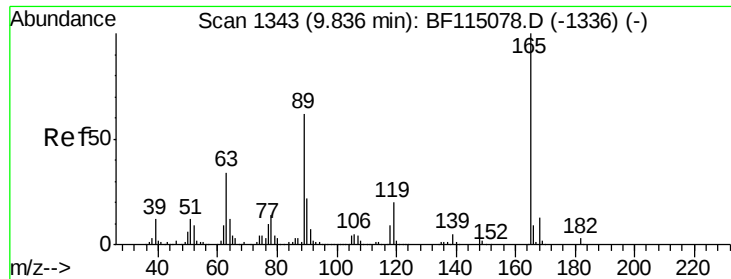
Tot Ion:168 Resp: 1808103
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.9 11.3 16.9



#56
4-Nitrophenol
Concen: 76.197 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:139 Resp: 651377
Ion Ratio Lower Upper
139 100
109 62.4 43.0 83.0
65 80.0 67.0 107.0

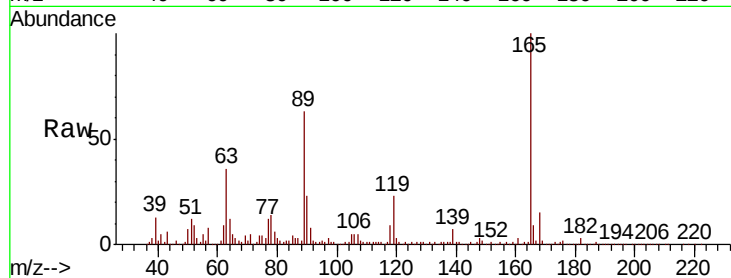




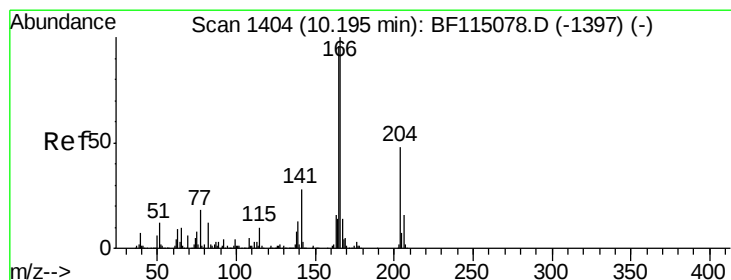
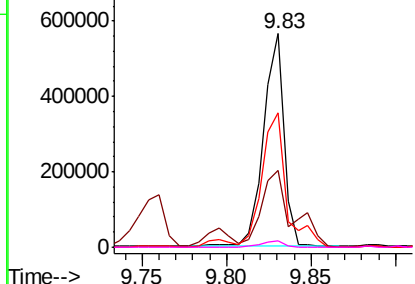
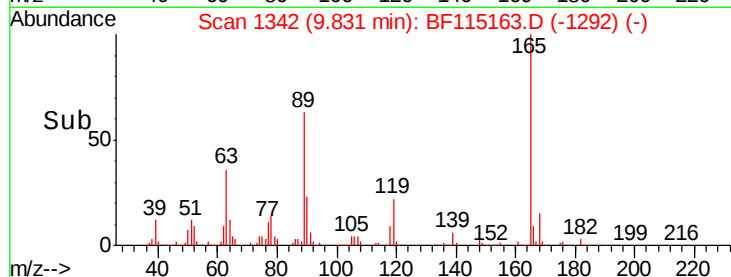
#57
2,4-Dinitrotoluene
Concen: 42.366 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion:165 Resp: 477986
Ion Ratio Lower Upper
165 100
63 35.7 27.5 41.3
89 63.1 49.9 74.9
182 3.1 2.1 3.1

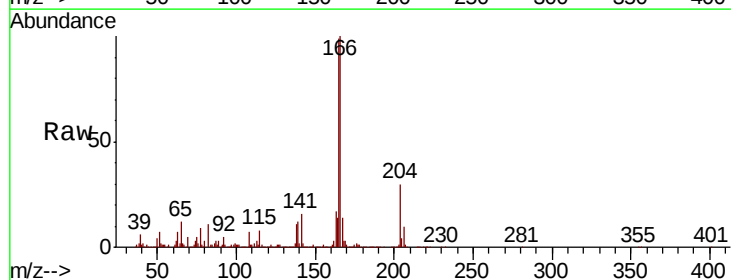


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

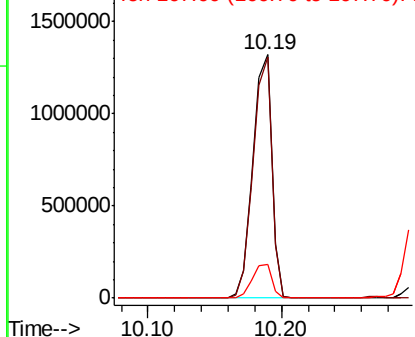
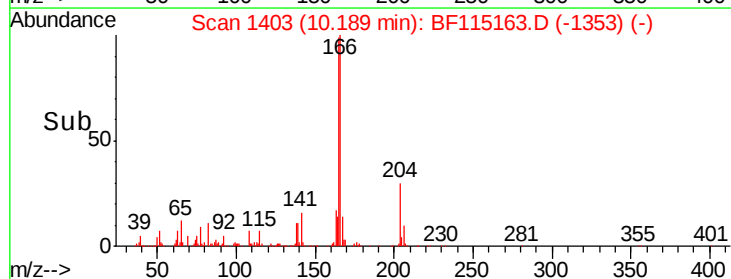


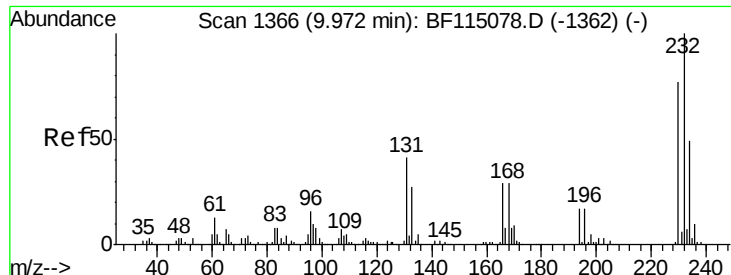
#58
Fluorene
Concen: 40.380 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:166 Resp: 1277102
Ion Ratio Lower Upper
166 100
165 99.0 76.5 114.7
167 13.9 11.0 16.4



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

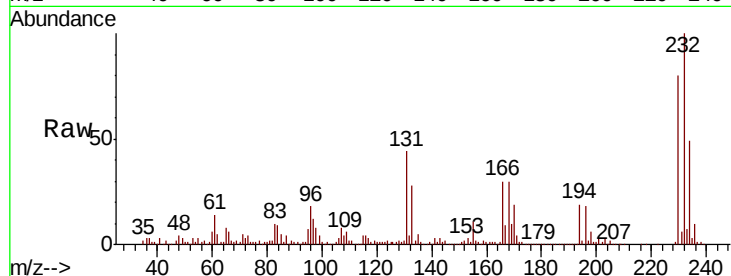




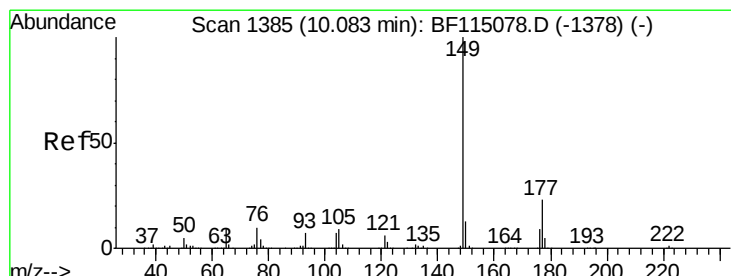
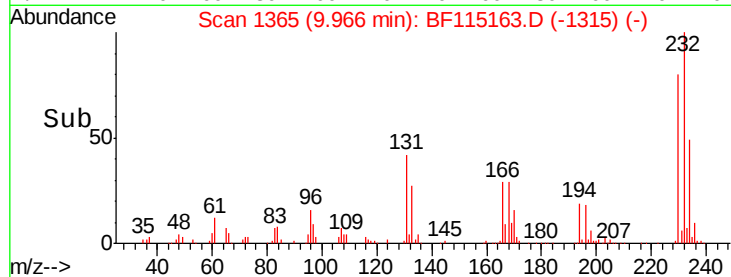
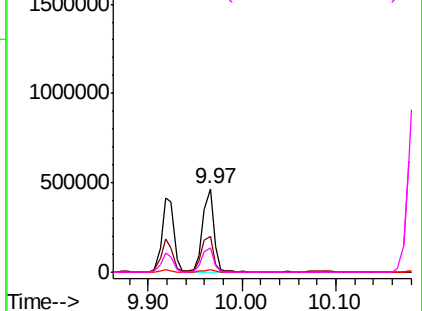
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.320 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:	232	Resp:	390754
Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.3	1.8	2.6
166	30.0	24.6	36.8

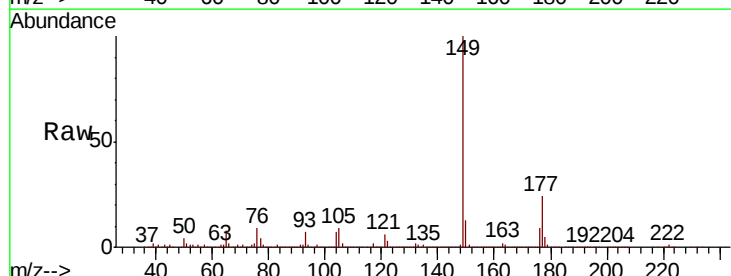


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

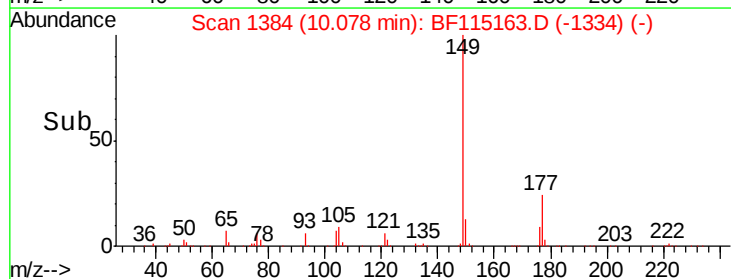
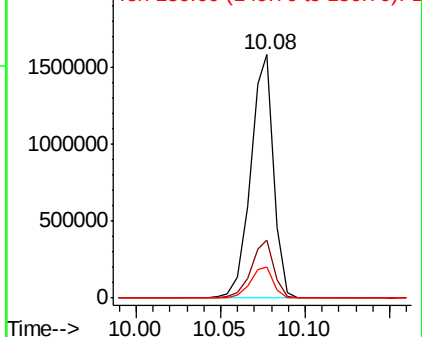


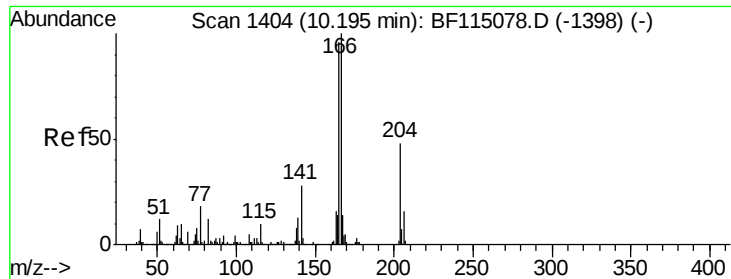
#60
 Diethylphthalate
 Concen: 39.242 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion:	149	Resp:	1492951
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.7	28.1
150	12.9	10.4	15.6



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

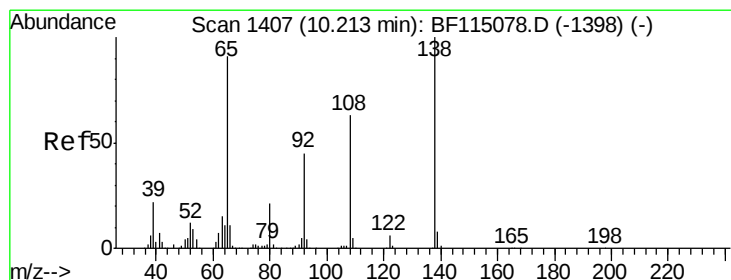
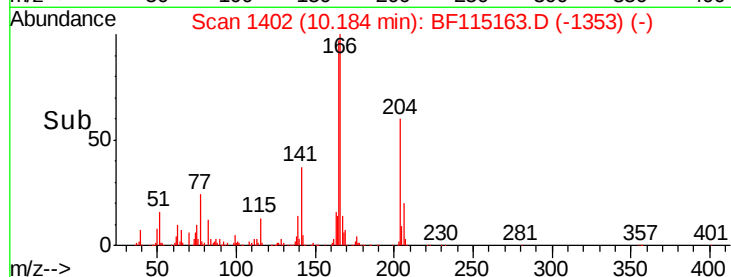
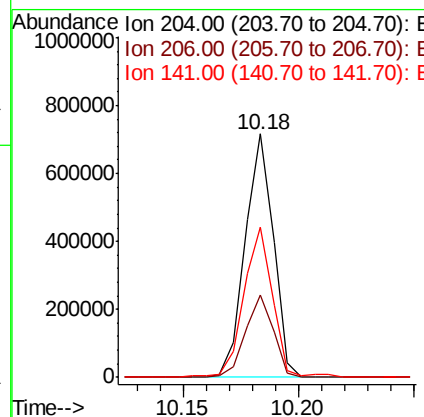
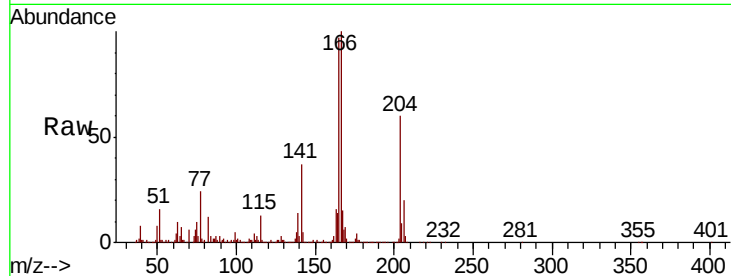




#61
4-Chlorophenyl-phenylether
Concen: 40.754 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

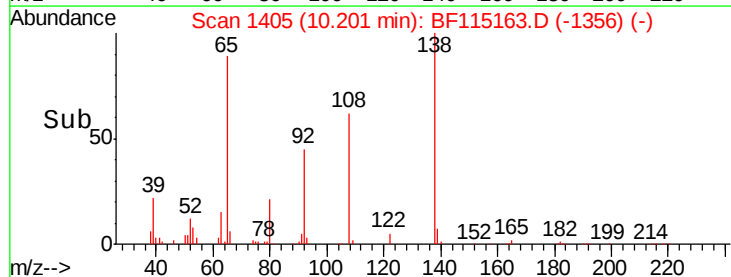
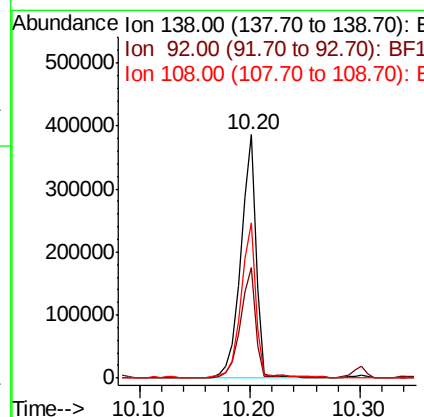
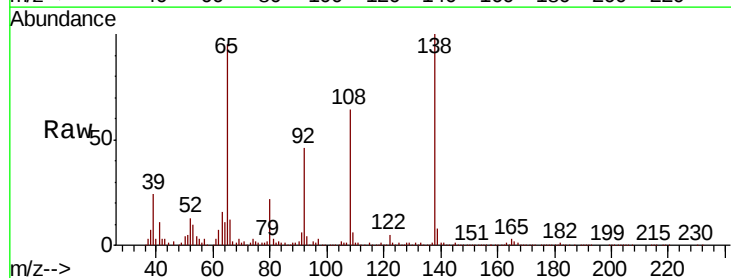
Instrument :
BNA_F
ClientSampleId :
TP-3MS

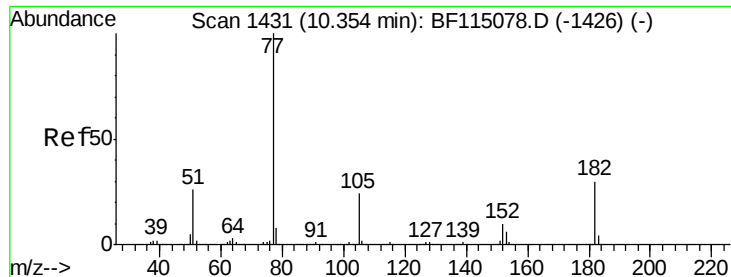
Tot Ion:204 Resp: 611921
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 61.9 46.7 70.1



#62
4-Nitroaniline
Concen: 34.866 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion:138 Resp: 372967
Ion Ratio Lower Upper
138 100
92 45.6 24.8 64.8
108 63.6 43.3 83.3

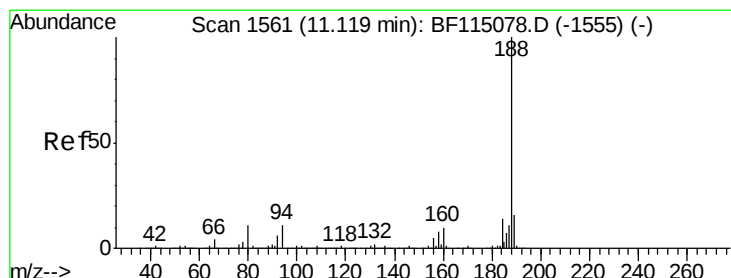
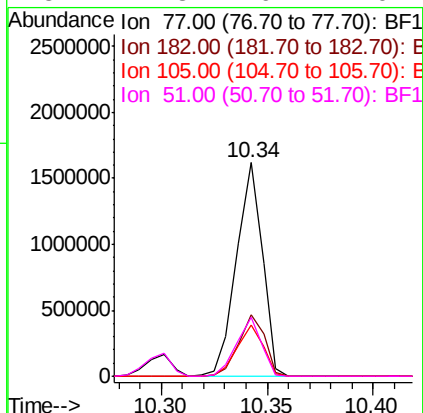
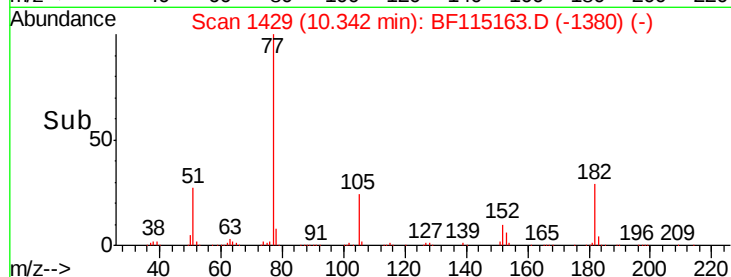
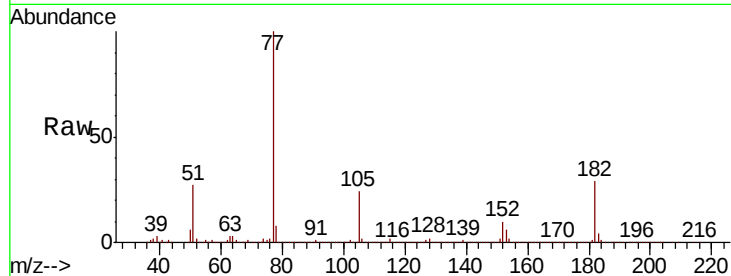




#63
Azobenzene
Concen: 38.590 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

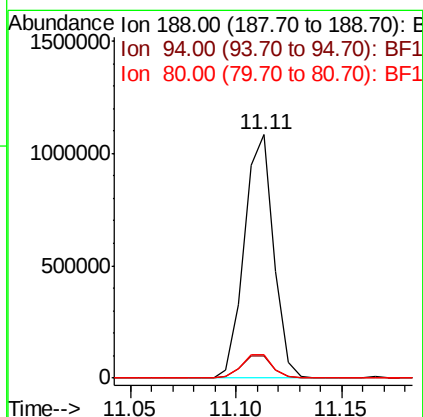
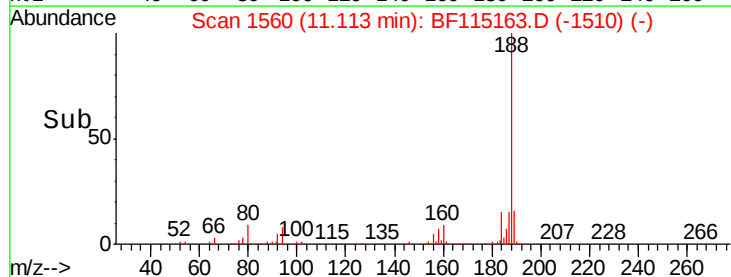
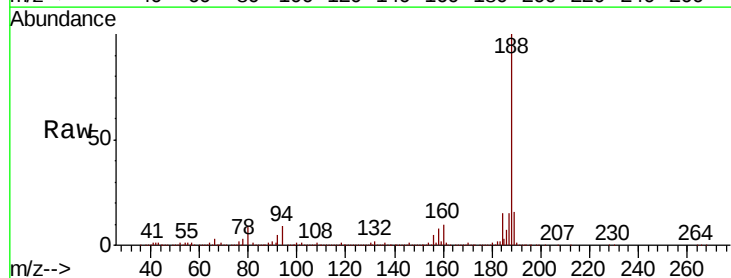
Instrument :
BNA_F
ClientSampleId :
TP-3MS

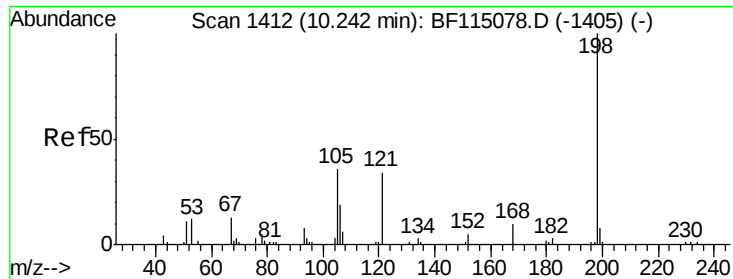
Tot Ion: 77 Resp: 1371305
Ion Ratio Lower Upper
77 100
182 28.8 10.1 50.1
105 24.1 4.5 44.5
51 27.3 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115163.D
Acq: 24 Jun 2019 22:35

Tgt Ion: 188 Resp: 1040229
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.4 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 30.676 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

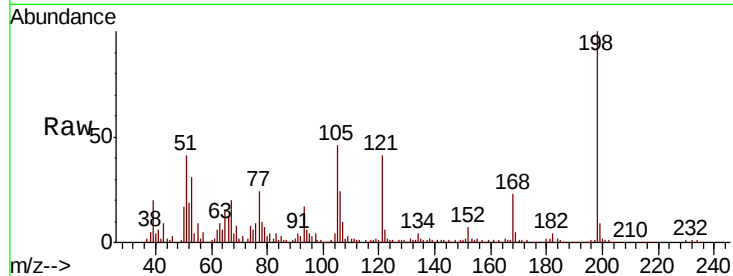
Tot Ion:198 Resp: 158739

Ion Ratio Lower Upper

198 100

51 40.8 11.0 51.0

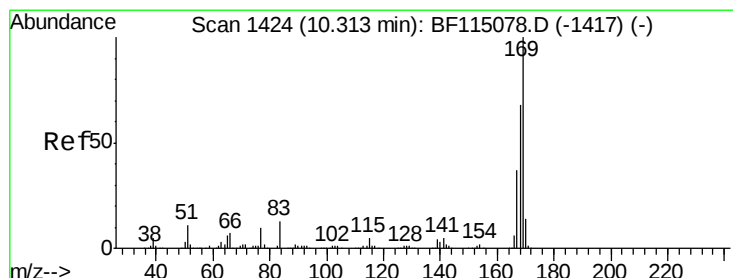
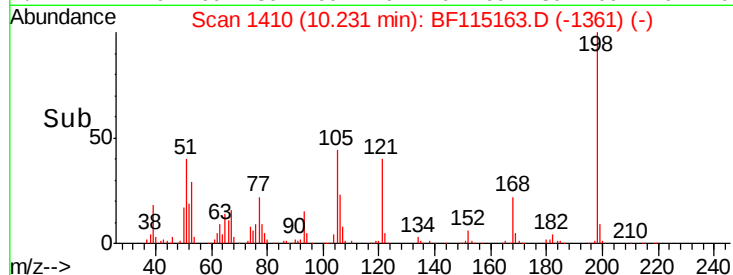
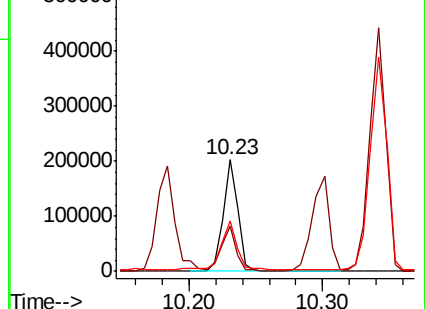
105 45.6 17.3 57.3



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: 39.181 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

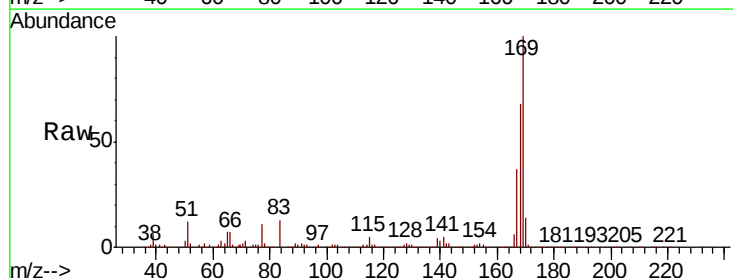
Tgt Ion:169 Resp: 1269773

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

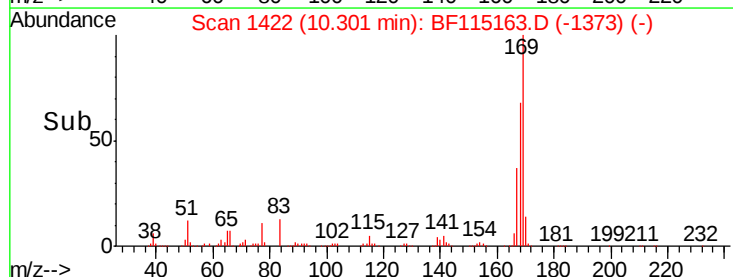
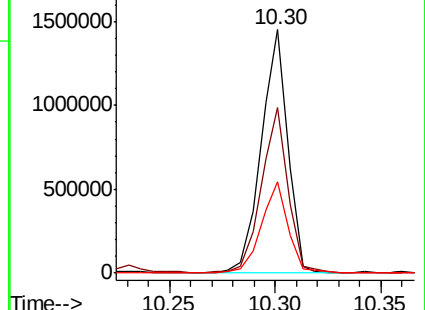
167 37.3 29.4 44.0



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

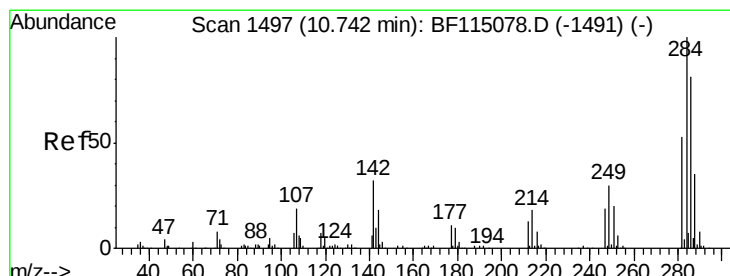
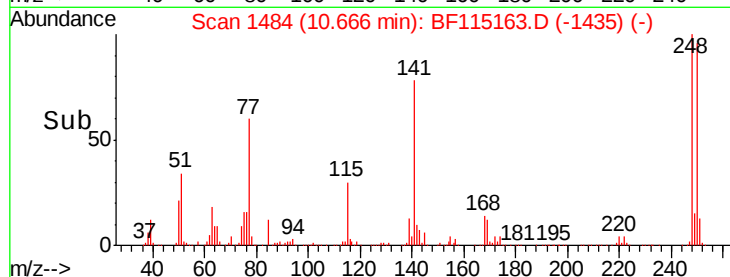
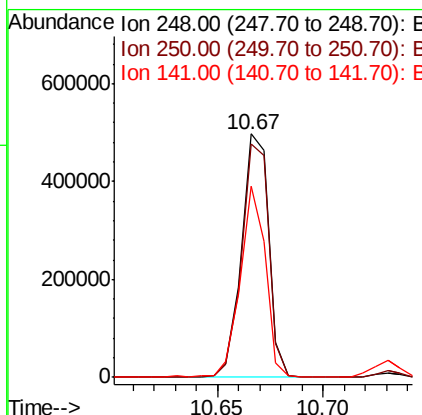
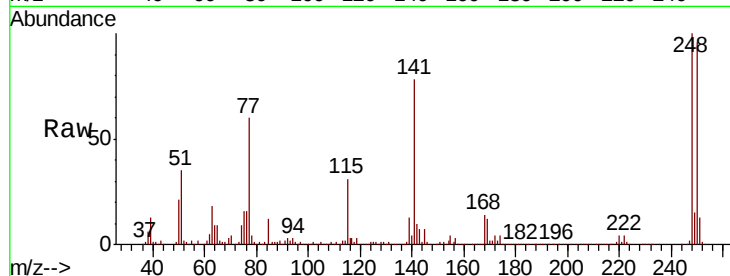




#67
 4-Bromophenyl-phenylether
 Concen: 39.137 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

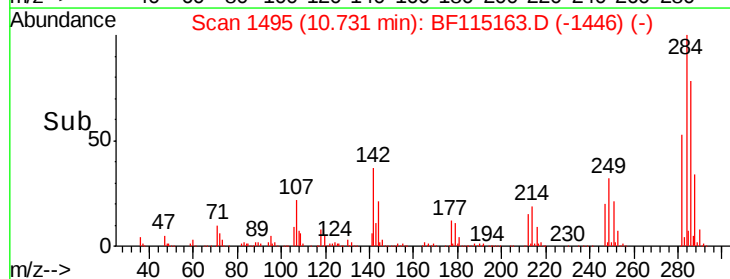
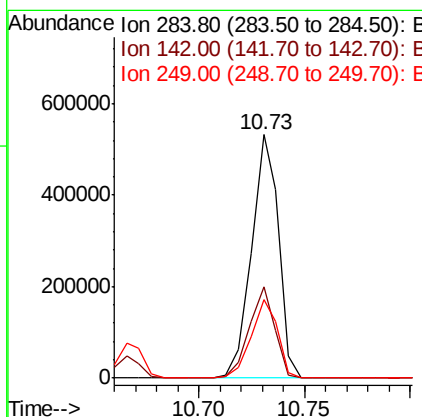
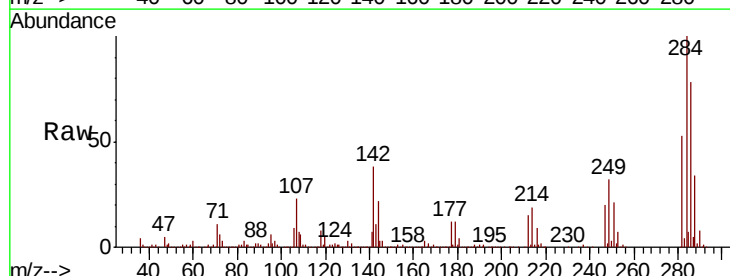
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

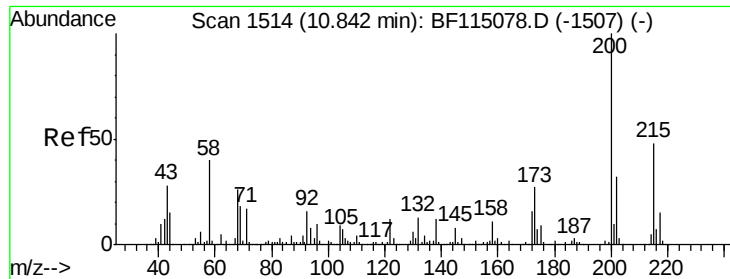
Tot Ion:248 Resp: 441399
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.2 114.2
 141 78.4 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 38.555 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion:284 Resp: 471987
 Ion Ratio Lower Upper
 284 100
 142 37.6 25.8 38.8
 249 32.0 24.2 36.4





#69

Atrazine

Concen: 39.291 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

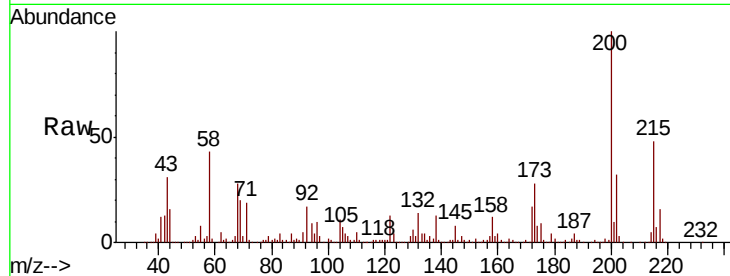
Tot Ion:200 Resp: 409615

Ion Ratio Lower Upper

200 100

173 28.1 7.4 47.4

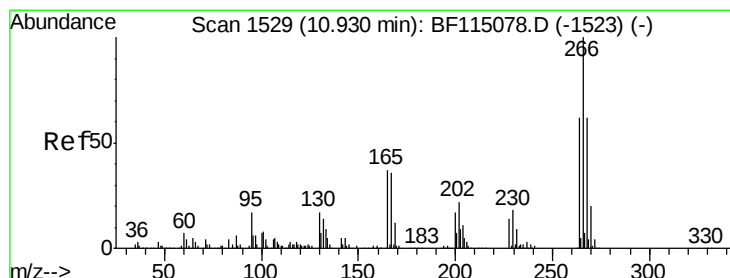
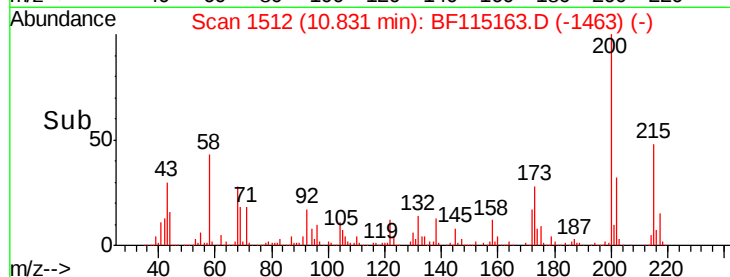
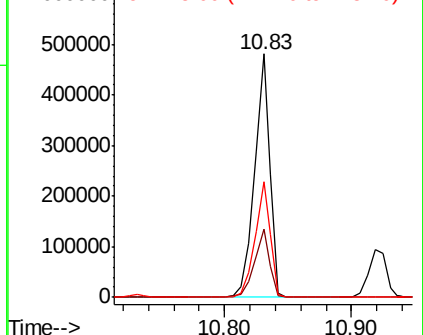
215 47.7 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 64.116 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

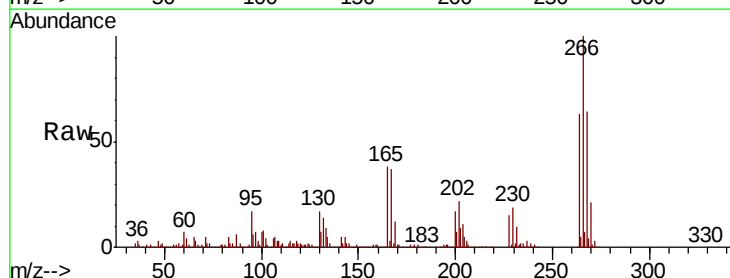
Tgt Ion:266 Resp: 500032

Ion Ratio Lower Upper

266 100

268 63.9 49.5 74.3

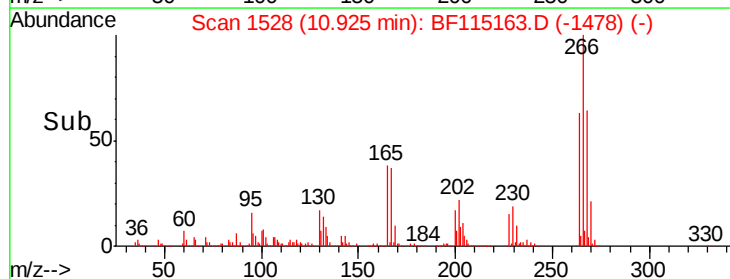
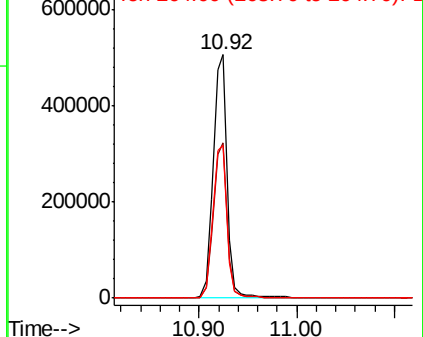
264 62.7 49.3 73.9

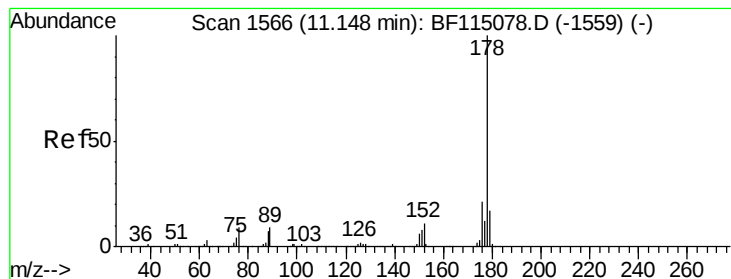


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.379 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

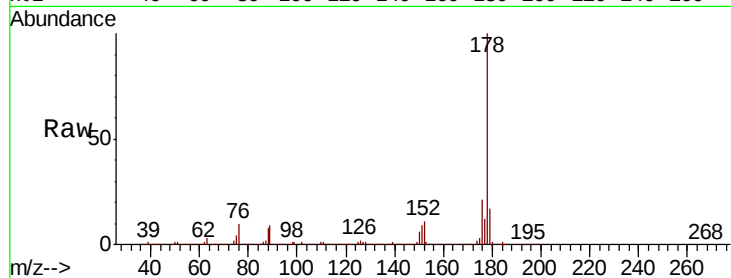
Tot Ion:178 Resp: 2149490

Ion Ratio Lower Upper

178 100

176 21.2 16.9 25.3

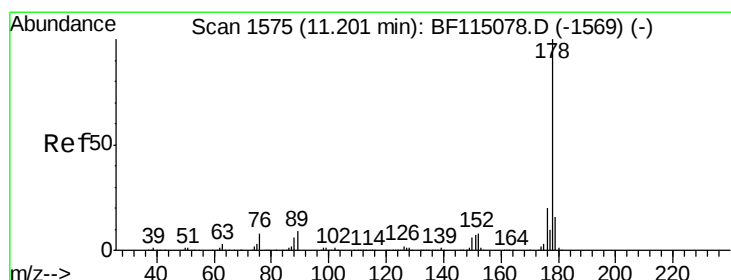
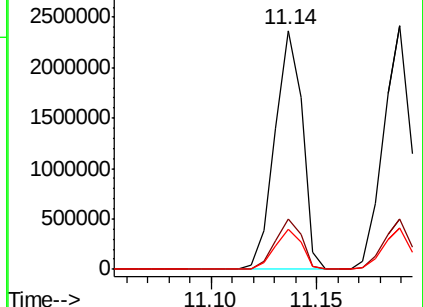
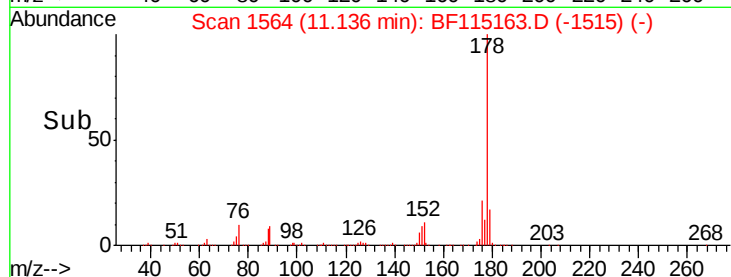
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.166 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

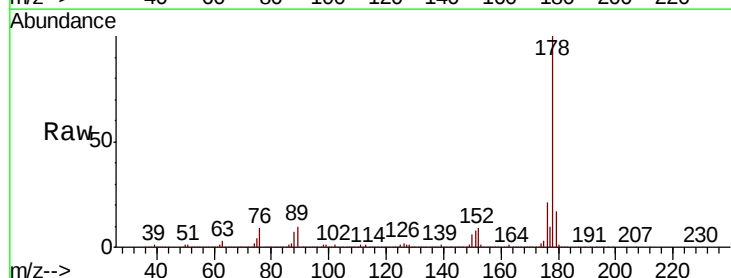
Tgt Ion:178 Resp: 2157750

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

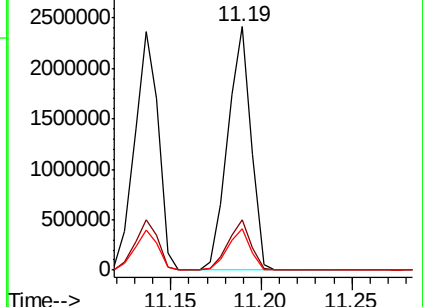
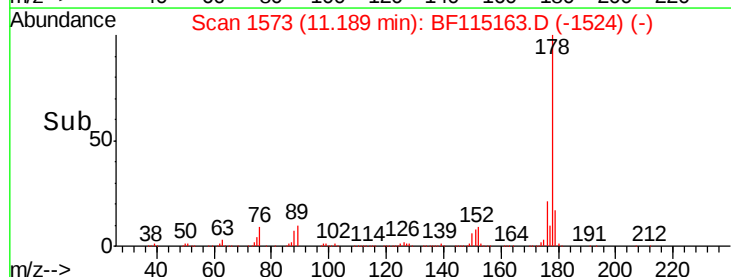
179 16.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



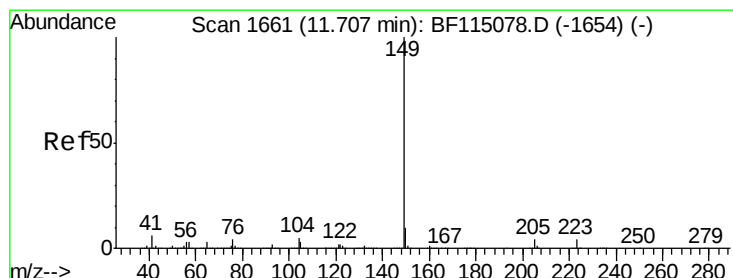
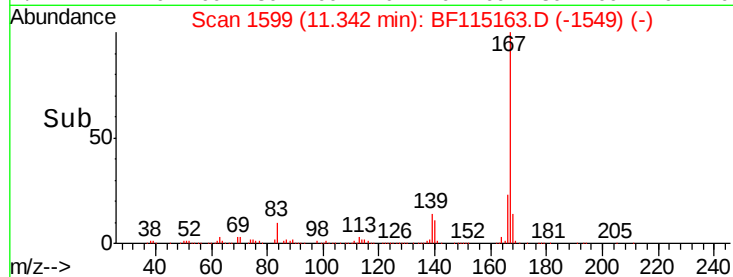
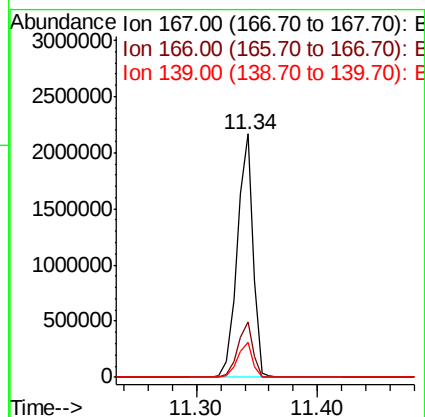
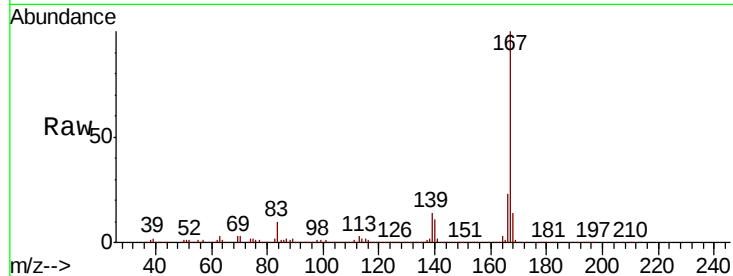


#73
 Carbazole
 Concen: 38.869 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion:167 Resp: 1962290

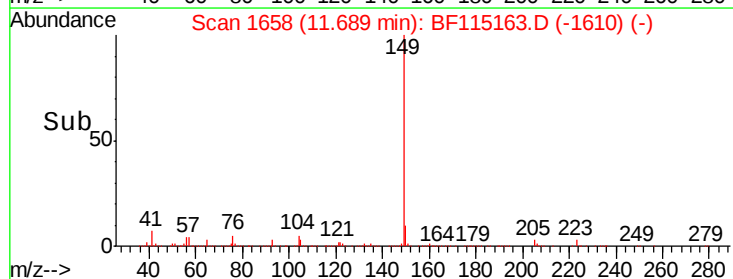
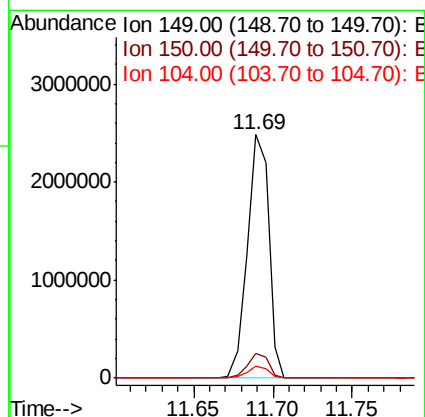
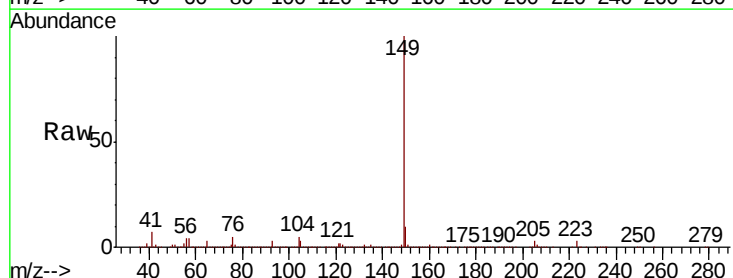
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.4	11.1	16.7

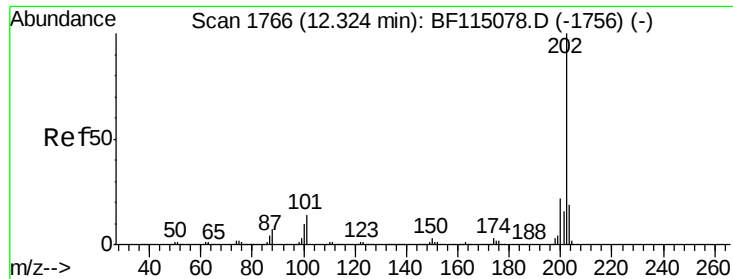


#74
 Di-n-butylphthalate
 Concen: 39.590 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115163.D
 Acq: 24 Jun 2019 22:35

Tgt Ion:149 Resp: 2309577

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	3.7	5.5





#75

Fluoranthene

Concen: 40.815 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

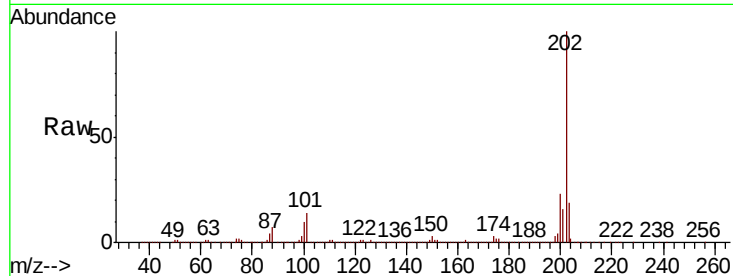
Tot Ion:202 Resp: 2280764

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.0

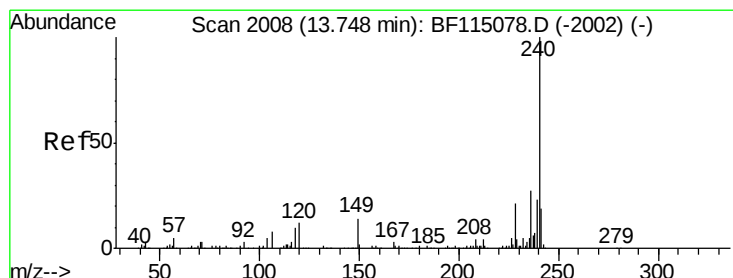
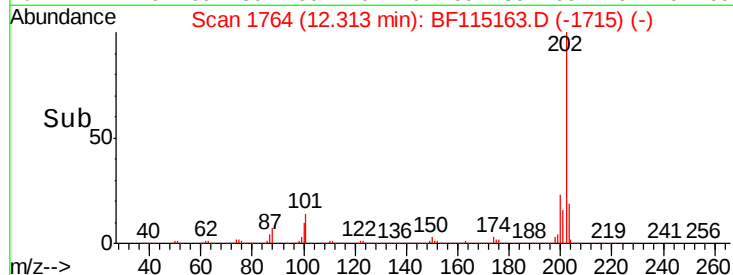
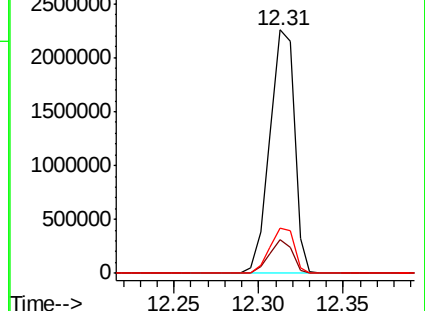
203 18.8 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

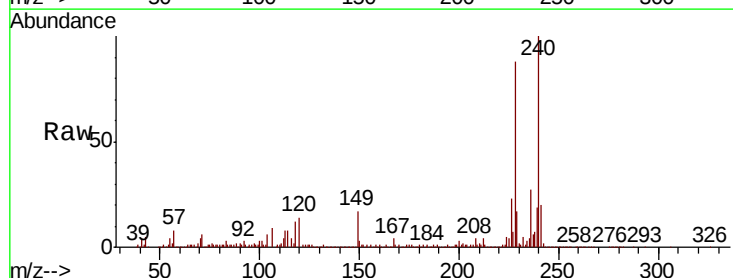
Tgt Ion:240 Resp: 677520

Ion Ratio Lower Upper

240 100

120 14.0 9.4 14.2

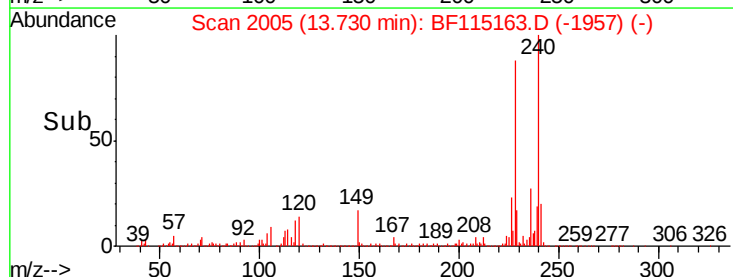
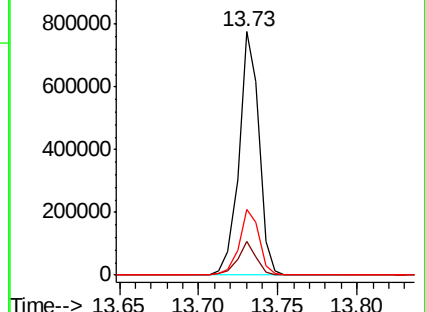
236 27.1 21.7 32.5

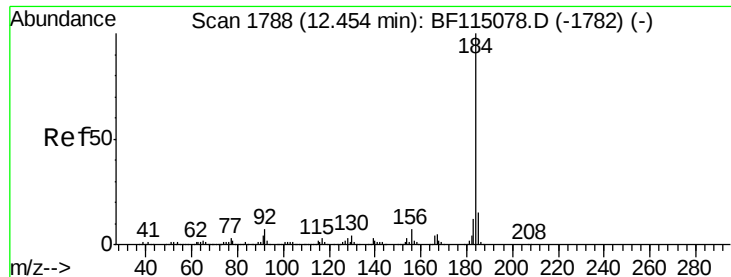


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.971 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

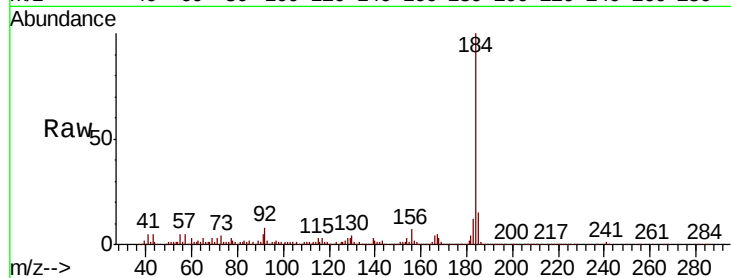
Tot Ion:184 Resp: 450387

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

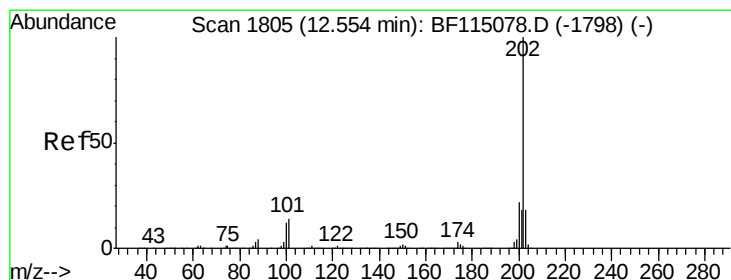
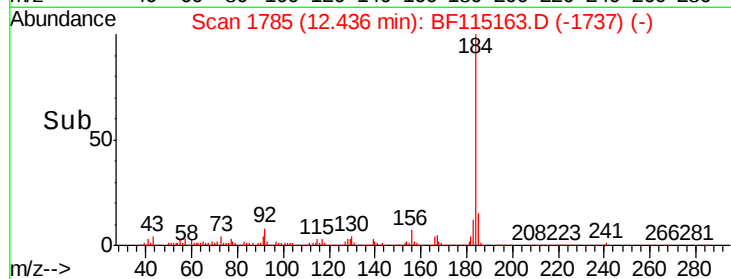
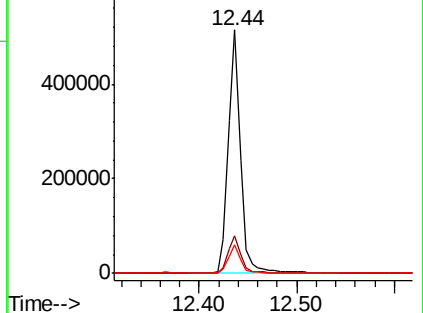
183 11.7 9.6 14.4



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: 44.949 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

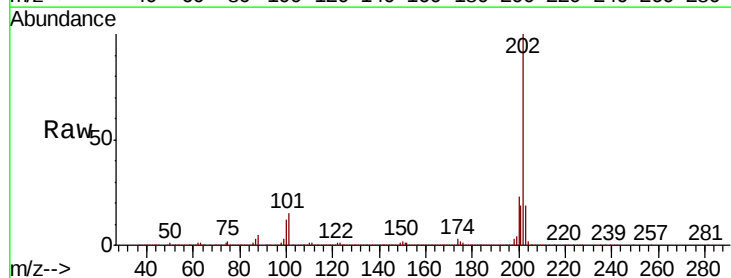
Tgt Ion:202 Resp: 2340419

Ion Ratio Lower Upper

202 100

200 23.4 17.9 26.9

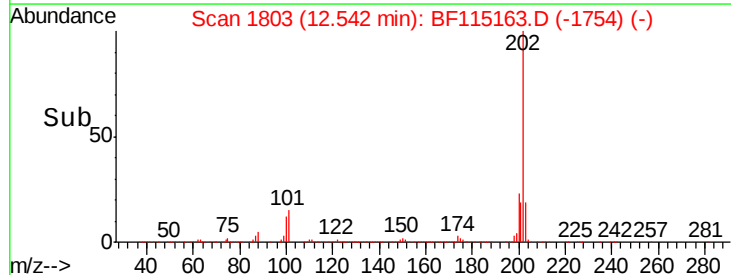
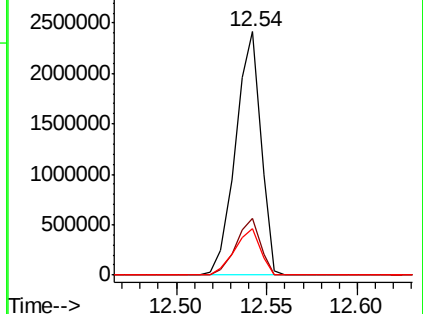
203 19.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.858 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampled :

TP-3MS

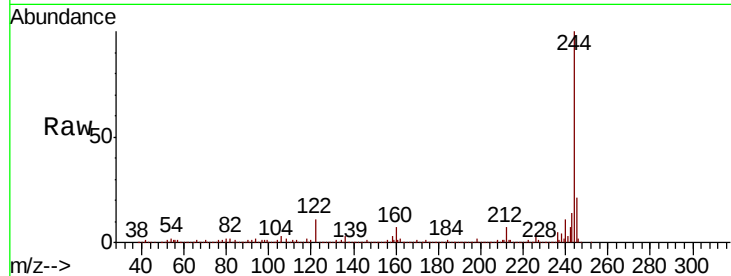
Tot Ion:244 Resp: 1971171

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

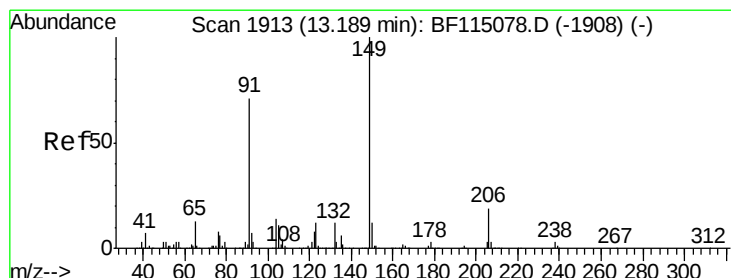
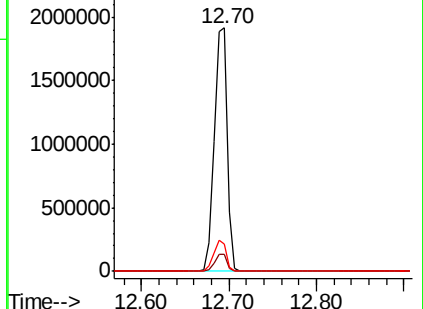
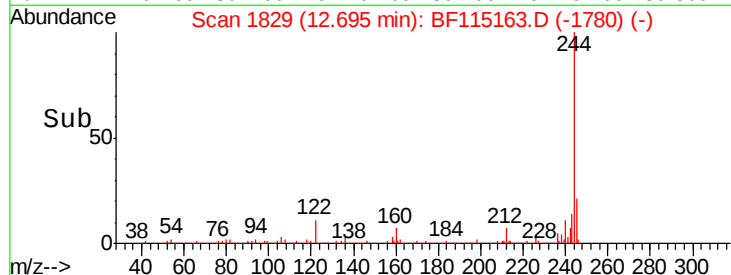
122 11.0 10.4 15.6



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: 44.465 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

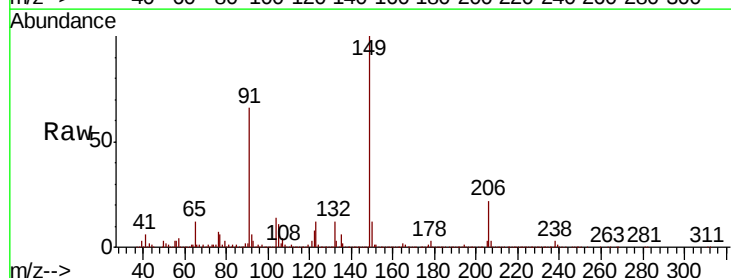
Tgt Ion:149 Resp: 1021729

Ion Ratio Lower Upper

149 100

91 65.5 56.5 84.7

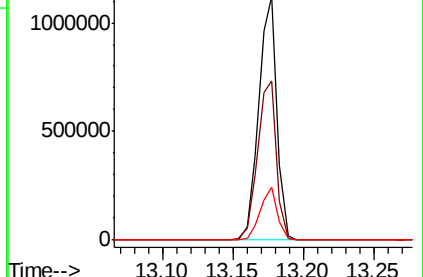
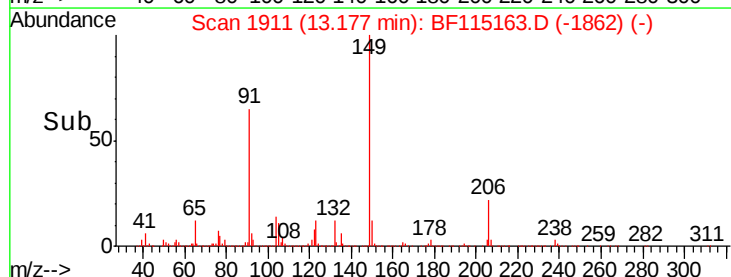
206 21.7 15.3 22.9

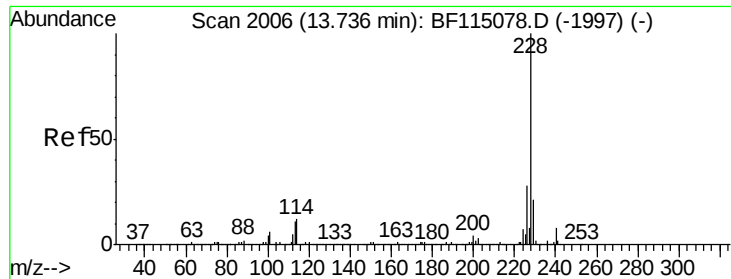


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.216 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

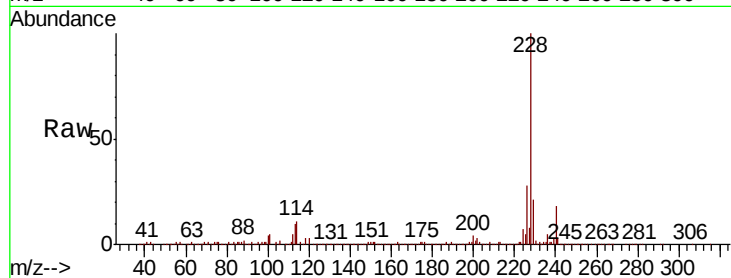
Tot Ion:228 Resp: 1955080

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

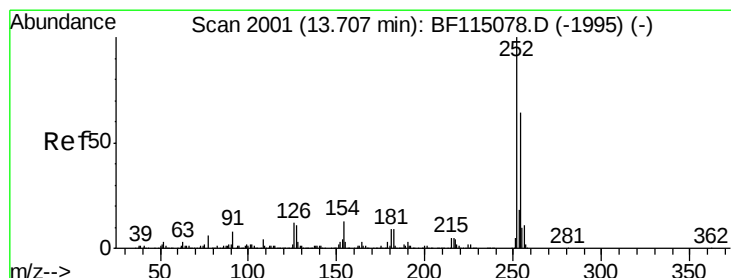
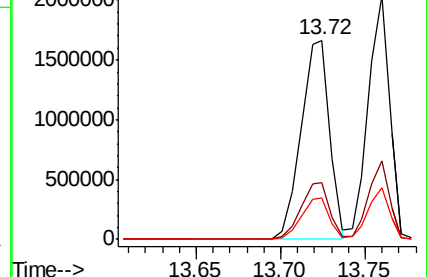
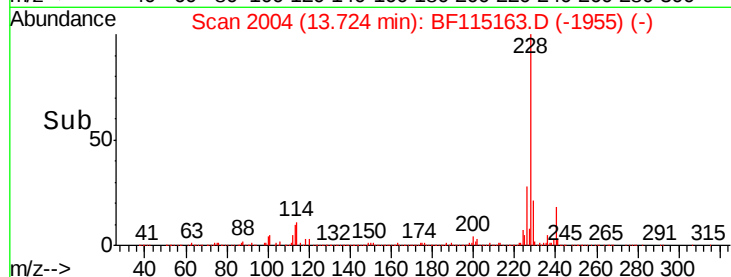
229 20.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.036 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

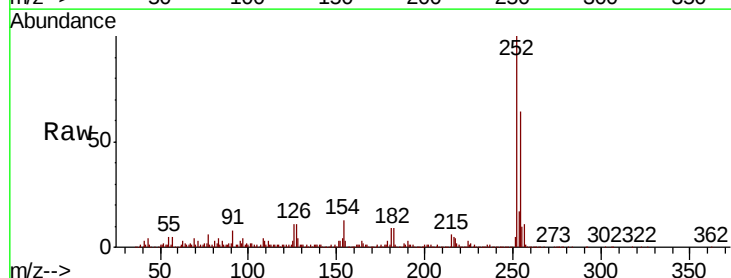
Tgt Ion:252 Resp: 316627

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

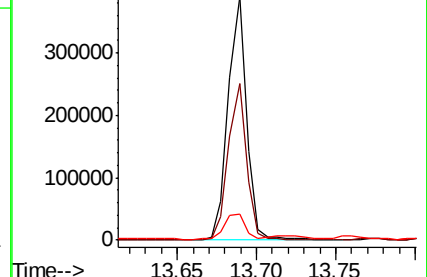
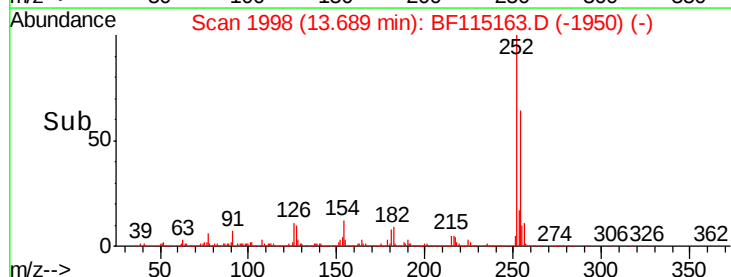
126 10.9 9.4 14.0

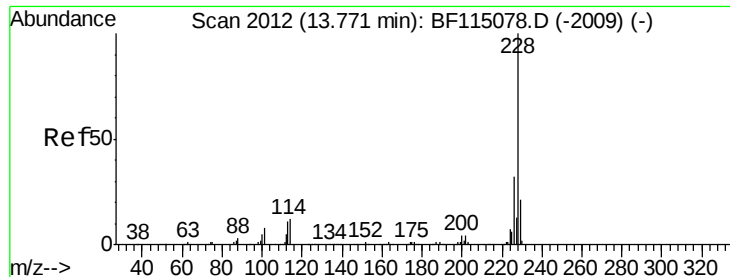


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.236 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampled :

TP-3MS

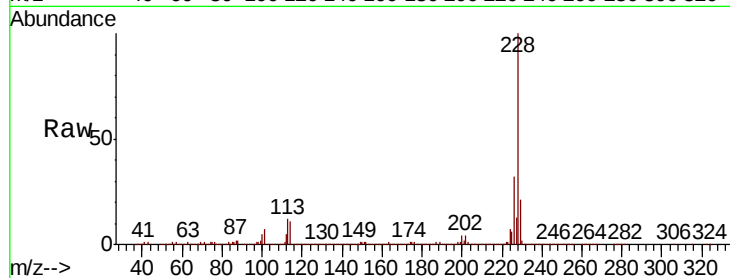
Tot Ion:228 Resp: 1791794

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

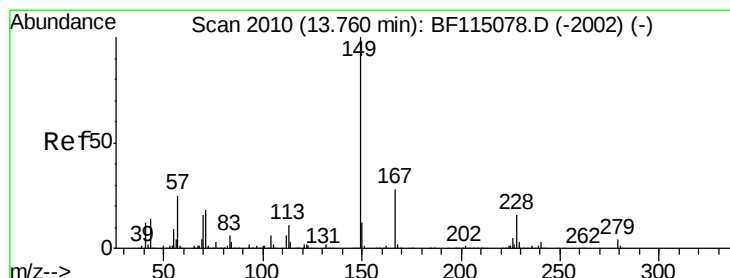
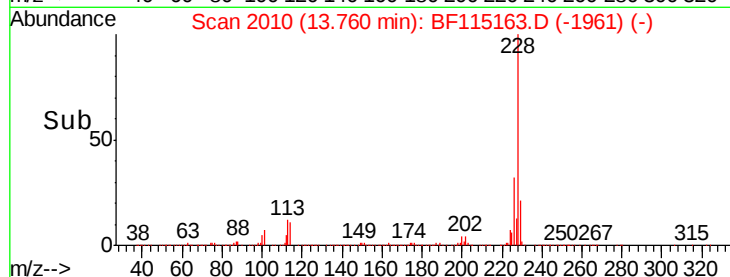
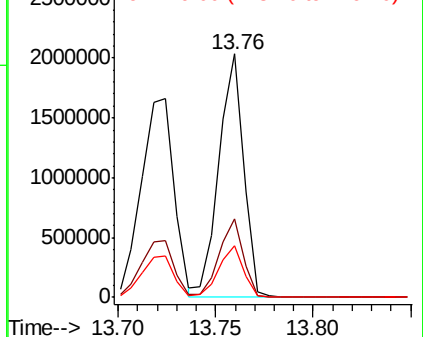
229 21.1 16.5 24.7



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: 43.949 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

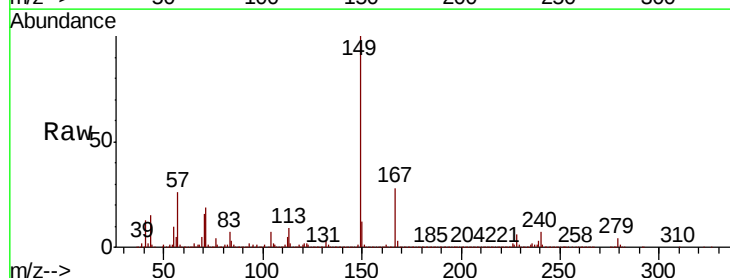
Tgt Ion:149 Resp: 1323225

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

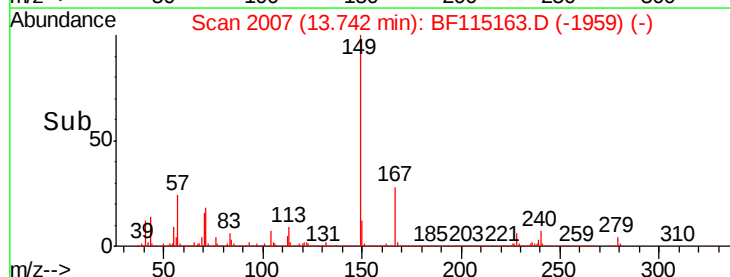
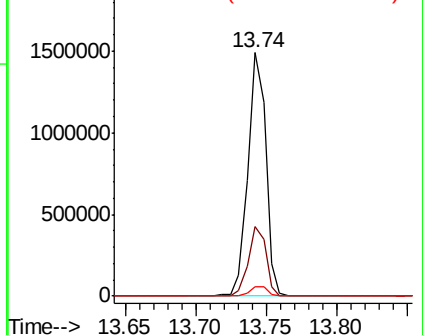
279 3.8 2.9 4.3

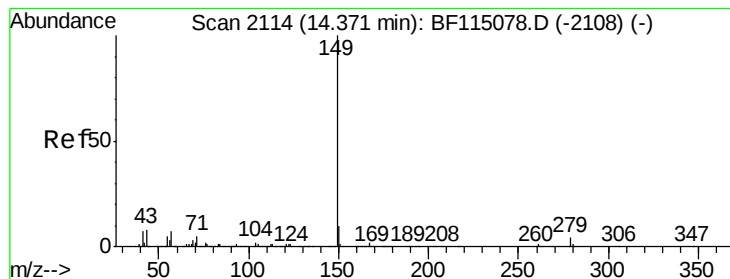


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.396 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

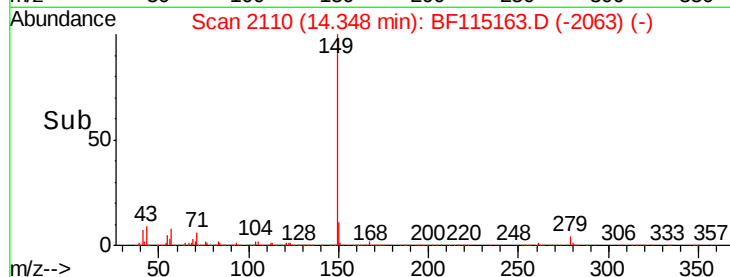
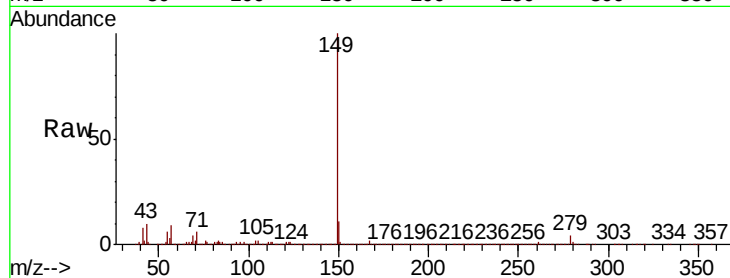
Tot Ion:149 Resp: 2144713

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

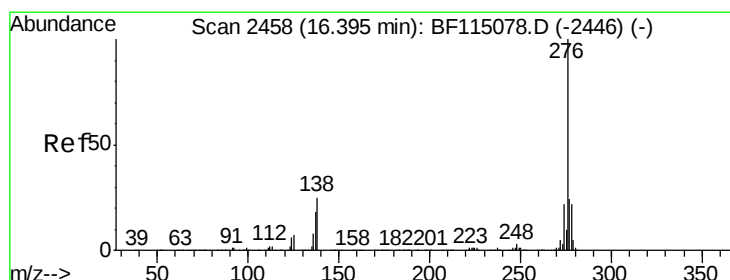
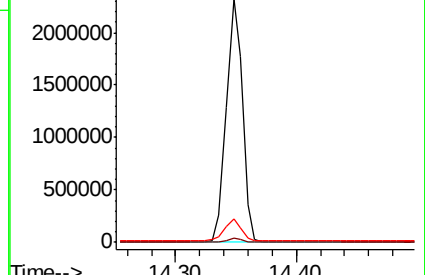
43 9.2 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.795 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

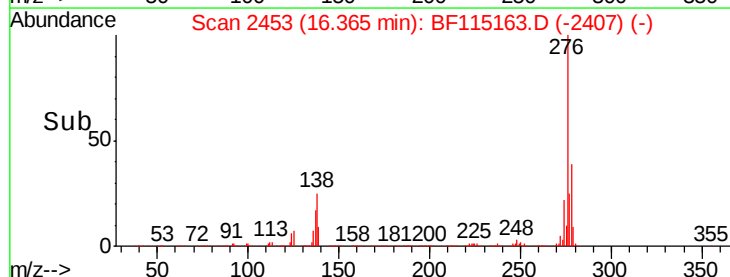
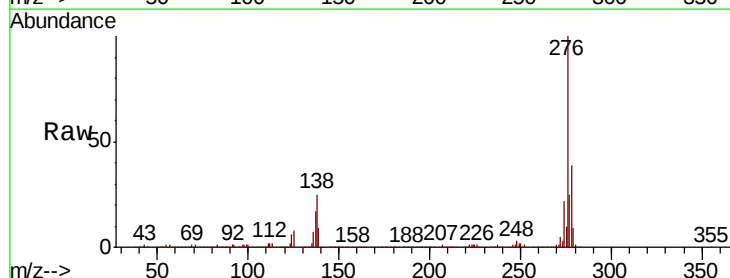
Tgt Ion:276 Resp: 1780826

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

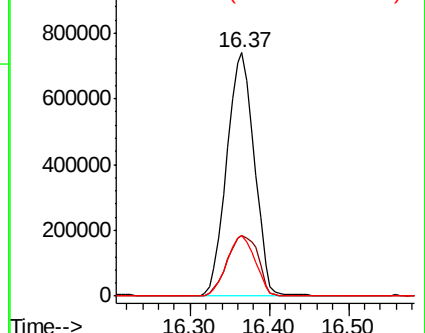
277 25.6 20.1 30.1

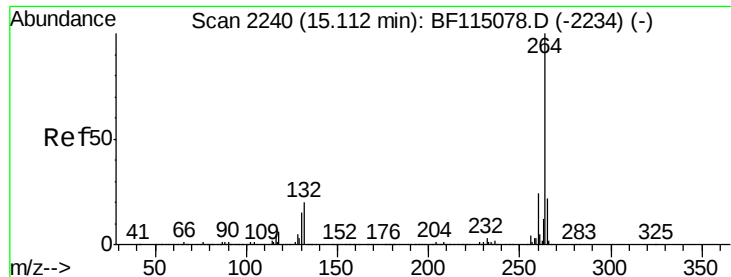


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

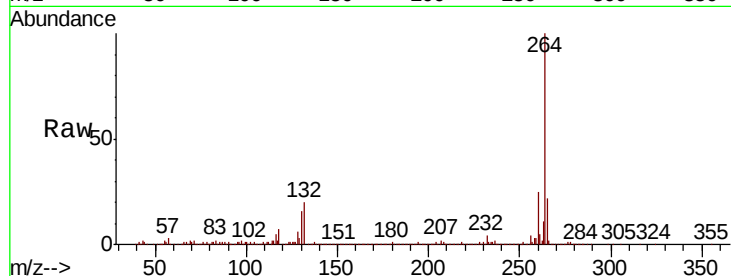
Tot Ion:264 Resp: 632202

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.8 17.3 25.9

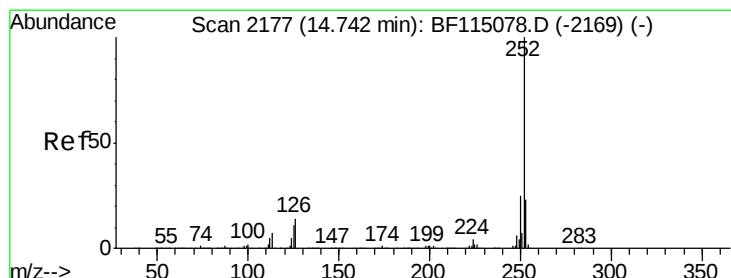
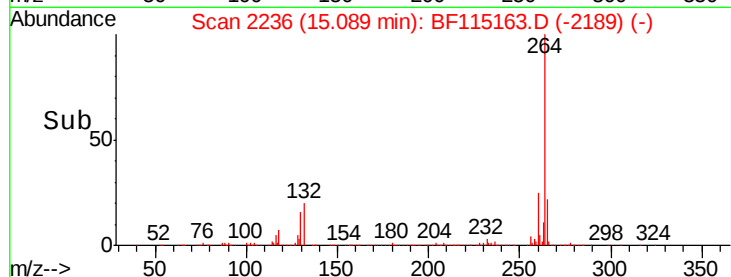
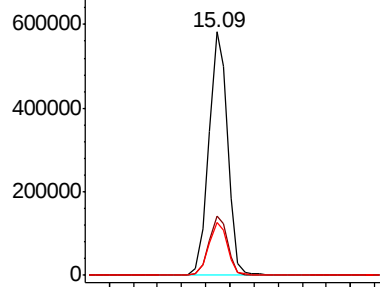


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.900 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

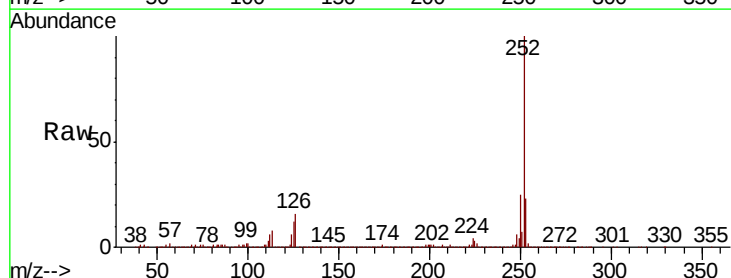
Tgt Ion:252 Resp: 1810650

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 12.4 8.7 13.1

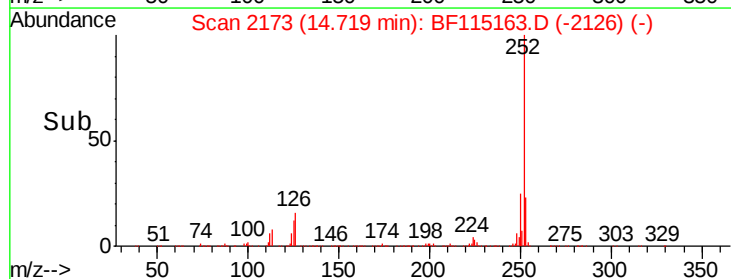
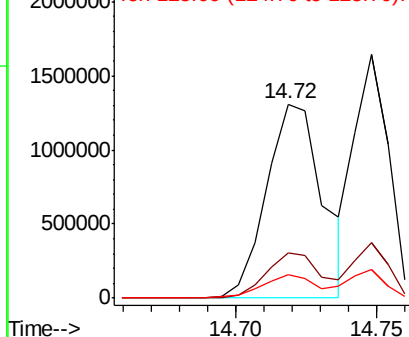


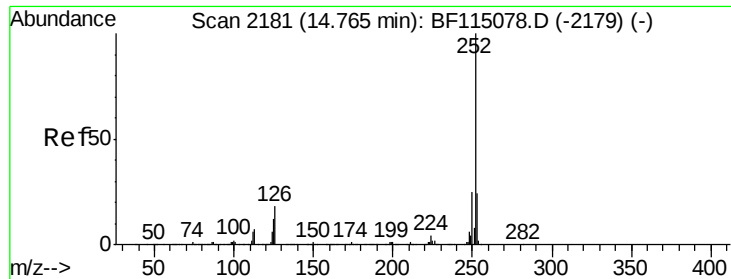
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.364 ng

RT: 14.75 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TP-3MS

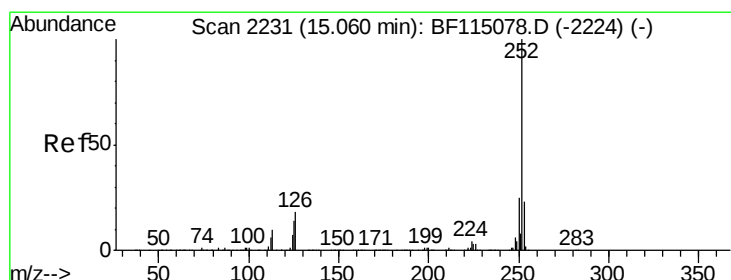
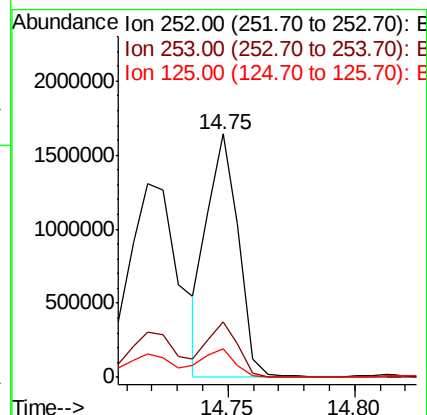
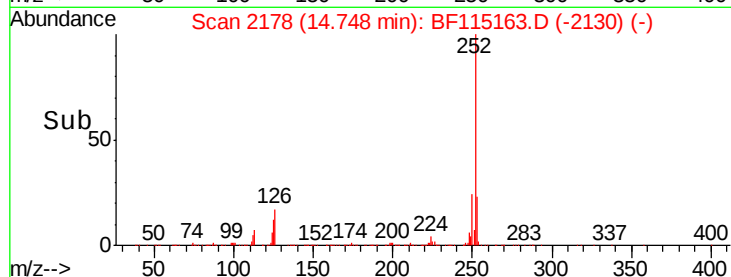
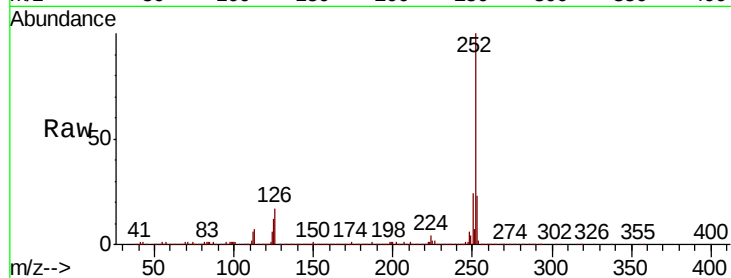
Tot Ion:252 Resp: 1392531

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

125 11.9 10.2 15.2



#90

Benzo(a)pyrene

Concen: 42.796 ng

RT: 15.04 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

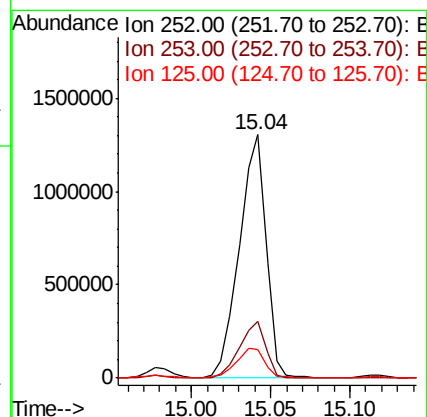
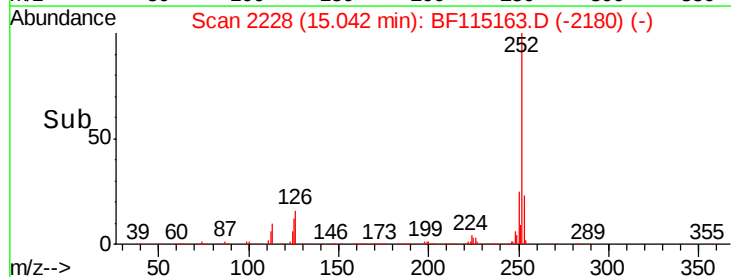
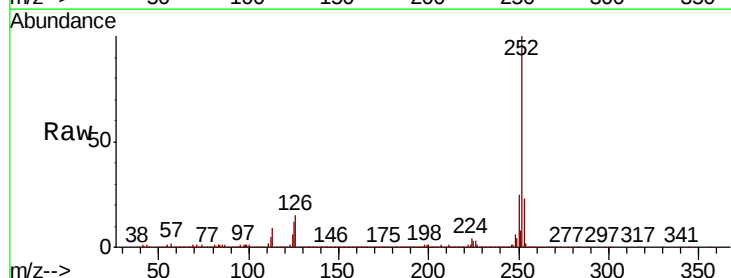
Tgt Ion:252 Resp: 1521610

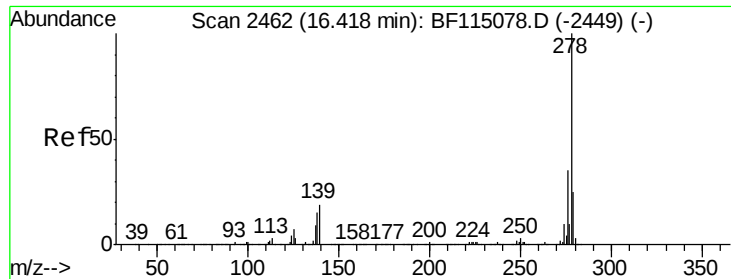
Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

125 11.9 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.328 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Instrument :

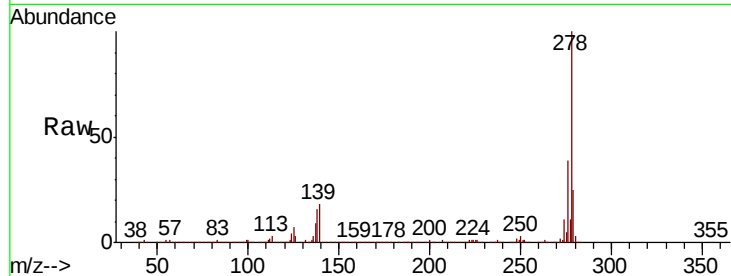
BNA_F

ClientSampleId :

TP-3MS

Tot Ion:278 Resp: 1438160

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.4	23.2
279	24.5	19.9	29.9

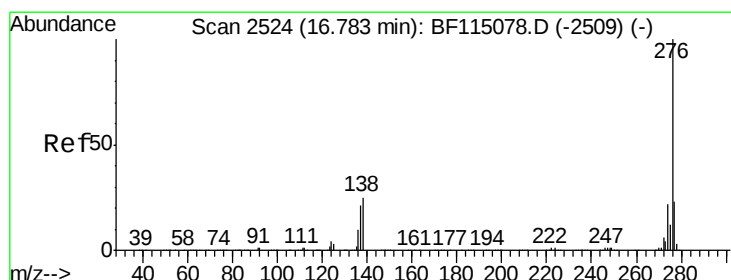
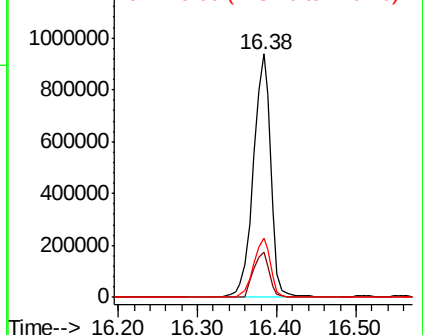
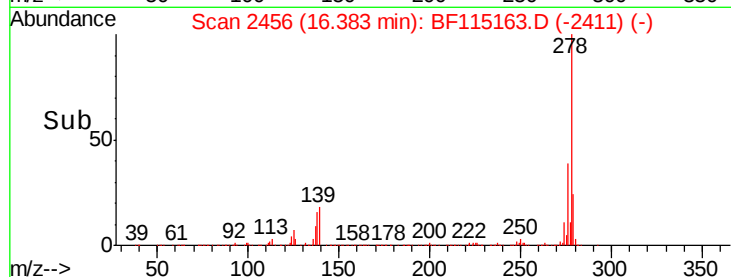


Abundance

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: 45.540 ng

RT: 16.75 min Scan# 2518

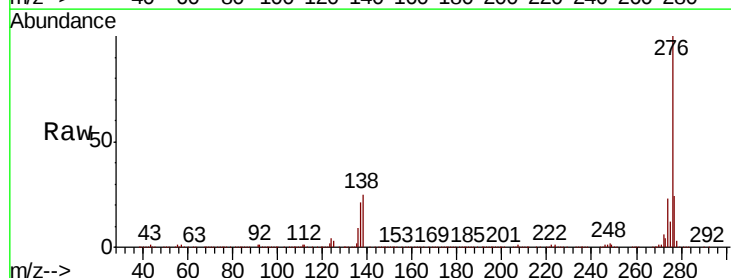
Delta R.T. -0.04 min

Lab File: BF115163.D

Acq: 24 Jun 2019 22:35

Tgt Ion:276 Resp: 1529912

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.9	19.8	29.6



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

