

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115189.D
 Acq On : 25 Jun 2019 16:01
 Operator : HP/JU
 Sample : PB120652BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Quant Time: Jun 26 05:45:49 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	6.61	152	275605	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1109988	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	558417	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1079843	20.00	ng	0.00
76) Chrysene-d12	13.74	240	739785	20.00	ng	-0.01
87) Perylene-d12	15.09	264	777546	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1962138	109.86	ng	0.02
7) Phenol-d6	6.26	99	2423286	111.79	ng	0.00
23) Nitrobenzene-d5	7.18	82	1496843	82.95	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	719040	122.10	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2794556	85.01	ng	-0.01
79) Terphenyl-d14	12.69	244	2935388	84.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	300328	35.631	ng	99
3) Pyridine	2.94	79	819082	34.478	ng	98
4) n-Nitrosodimethylamine	2.89	42	342423	36.767	ng	96
6) Aniline	6.27	93	739665	24.827	ng	# 1
8) 2-Chlorophenol	6.40	128	827899	41.225	ng	99
9) Benzaldehyde	6.15	77	114649	8.107	ng	98
10) Phenol	6.27	94	948289	37.346	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	751135	40.130	ng	98
12) 1,3-Dichlorobenzene	6.55	146	872245	39.136	ng	99
13) 1,4-Dichlorobenzene	6.63	146	882007	39.464	ng	99
14) 1,2-Dichlorobenzene	6.78	146	821776	39.705	ng	99
15) Benzyl Alcohol	6.76	79	472638	29.943	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1060879	39.078	ng	96
17) 2-Methylphenol	6.88	107	720051	43.438	ng	98
18) Hexachloroethane	7.12	117	316966	39.339	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	535836	38.610	ng	99
20) 3+4-Methylphenols	7.03	107	815893	42.627	ng	92
22) Acetophenone	7.02	105	1096742	43.160	ng	# 97
24) Nitrobenzene	7.20	77	839657	42.239	ng	99
25) Isophorone	7.44	82	1547940	41.877	ng	99
26) 2-Nitrophenol	7.51	139	471171	47.995	ng	99
27) 2,4-Dimethylphenol	7.56	122	804329	50.041	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	968025	41.434	ng	99
29) 2,4-Dichlorophenol	7.75	162	724481	43.676	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	785510	42.872	ng	99
31) Naphthalene	7.91	128	2335239	42.859	ng	99
32) Benzoic acid	7.70	122	592769	51.665	ng	97
33) 4-Chloroaniline	7.97	127	564503	22.669	ng	98
34) Hexachlorobutadiene	8.04	225	422494	42.078	ng	99
35) Caprolactam	8.34	113	162172	29.079	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	752633	44.803	ng	95
37) 2-Methylnaphthalene	8.61	142	1595481	43.429	ng	99
38) 1-Methylnaphthalene	8.71	142	1523420	43.418	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	676426	42.866	ng	100

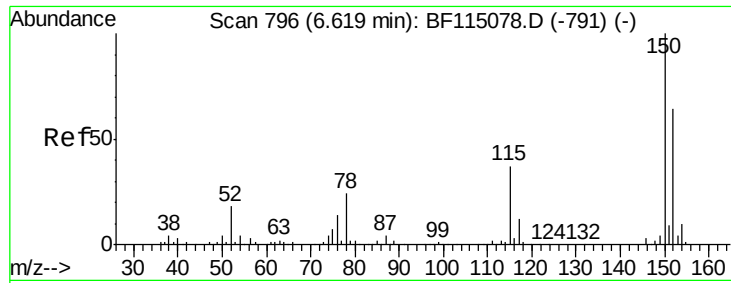
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	699599	74.768	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	512234	42.046	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	584627	46.599	ng	99
46) 1,1'-Biphenyl	9.07	154	1854155	41.497	ng	98
47) 2-Chloronaphthalene	9.09	162	1512179	41.723	ng	97
48) 2-Nitroaniline	9.18	65	456297	43.183	ng	98
49) Acenaphthylene	9.50	152	2329625	41.255	ng	98
50) Dimethylphthalate	9.38	163	1722398	41.924	ng	99
51) 2,6-Dinitrotoluene	9.43	165	416507	43.912	ng	97
52) Acenaphthene	9.68	154	1384068	39.170	ng	99
53) 3-Nitroaniline	9.59	138	314897	27.205	ng	97
54) 2,4-Dinitrophenol	9.70	184	447268	90.572	ng	96
55) Dibenzofuran	9.85	168	2034775	40.121	ng	99
56) 4-Nitrophenol	9.77	139	728070	78.460	ng	94
57) 2,4-Dinitrotoluene	9.83	165	552313	45.097	ng	95
58) Fluorene	10.19	166	1405146	41.034	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	484822	46.086	ng	99
60) Diethylphthalate	10.08	149	1701390	41.198	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	683418	42.162	ng	97
62) 4-Nitroaniline	10.21	138	467680	40.276	ng	98
63) Azobenzene	10.34	77	1568880	40.672	ng	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	270366	47.153	ng	93
66) n-Nitrosodiphenylamine	10.30	169	1446314	42.991	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	491866	42.012	ng	97
68) Hexachlorobenzene	10.73	284	546489	43.004	ng	95
69) Atrazine	10.83	200	464952	42.963	ng	99
70) Pentachlorophenol	10.92	266	683274	84.397	ng	97
71) Phenanthrene	11.14	178	2308447	39.705	ng	99
72) Anthracene	11.19	178	2367926	40.347	ng	98
73) Carbazole	11.34	167	2171906	41.443	ng	98
74) Di-n-butylphthalate	11.69	149	2488336	41.089	ng	98
75) Fluoranthene	12.32	202	2389729	41.196	ng	97
77) Benzidine	12.44	184	809388	24.639	ng	99
78) Pyrene	12.54	202	2428234	42.711	ng	98
80) Butylbenzylphthalate	13.18	149	1143710	45.585	ng	92
81) Benzo(a)anthracene	13.72	228	2243143	42.258	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	702325	36.639	ng	99
83) Chrysene	13.76	228	2116462	43.527	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1447122	44.018	ng	100
85) Di-n-octyl phthalate	14.35	149	2500119	45.262	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2403183	41.768	ng	99
88) Benzo(b)fluoranthene	14.72	252	2403507	49.540	ng	98
89) Benzo(k)fluoranthene	14.75	252	2112171	48.546	ng	98
90) Benzo(a)pyrene	15.05	252	2200773	50.328	ng	98
91) Dibenzo(a,h)anthracene	16.39	278	1958320	47.970	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1987796	48.109	ng	98

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

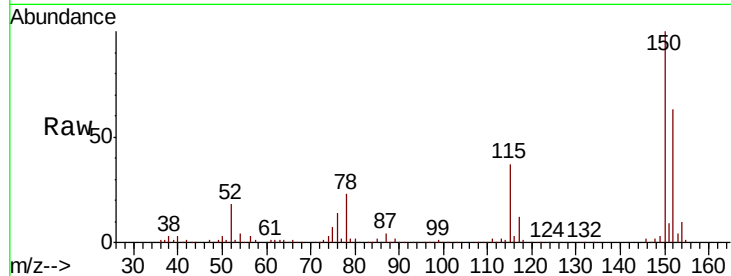


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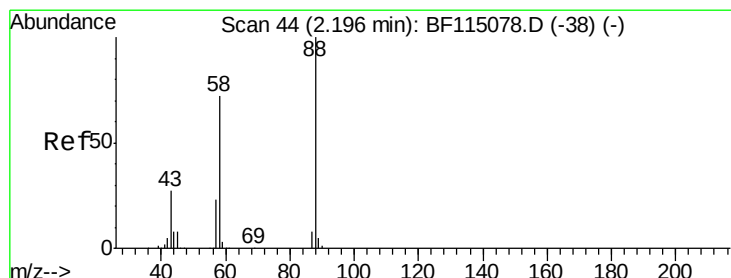
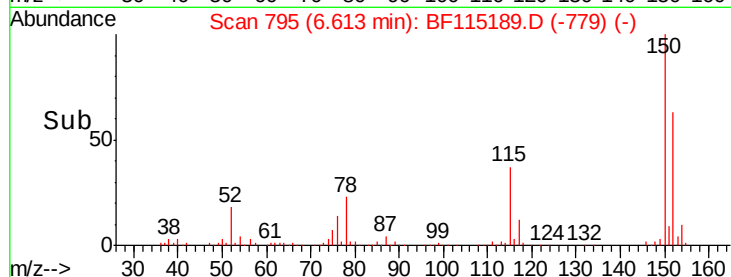
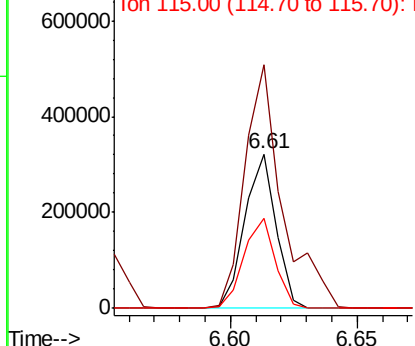
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion: 152 Resp: 275605
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 58.6 46.1 69.1



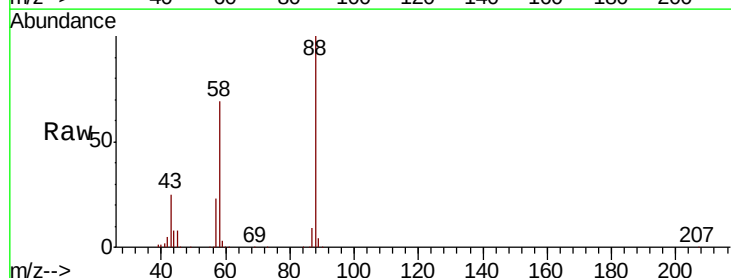
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



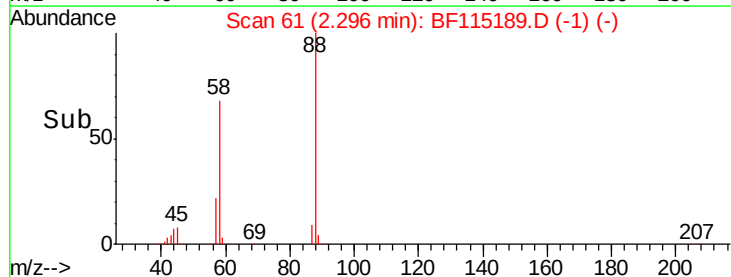
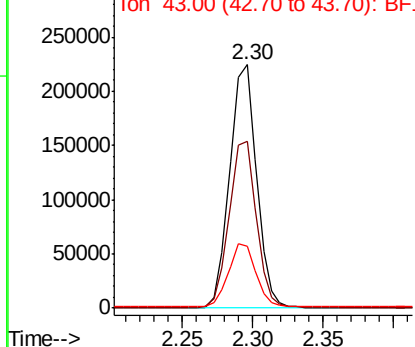
#2

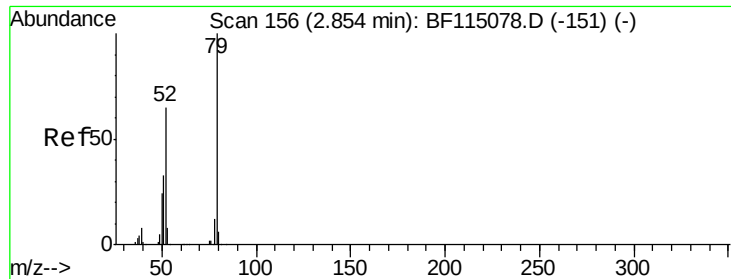
1,4-Dioxane
Concen: 35.631 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion: 88 Resp: 300328
Ion Ratio Lower Upper
88 100
58 69.1 56.1 84.1
43 26.5 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

Pyridine

Concen: 34.478 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

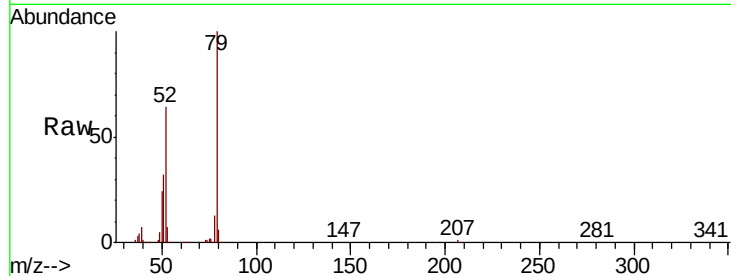
Tgt Ion: 79 Resp: 819082

Ion Ratio Lower Upper

79 100

52 64.3 52.3 78.5

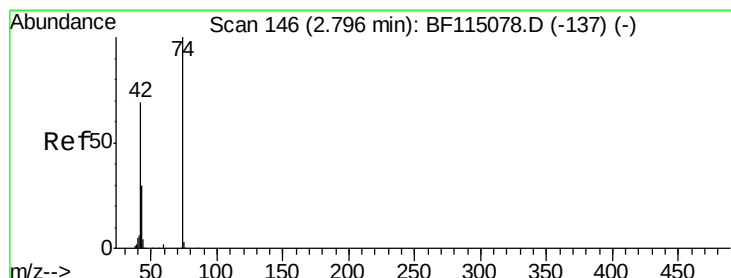
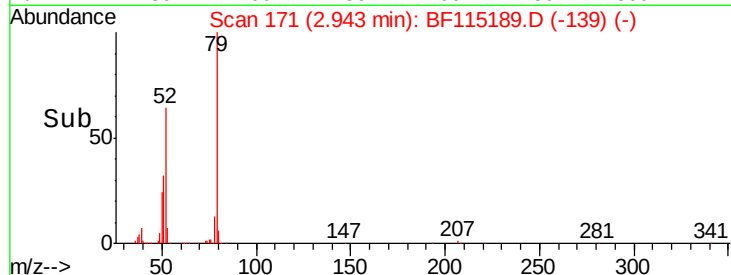
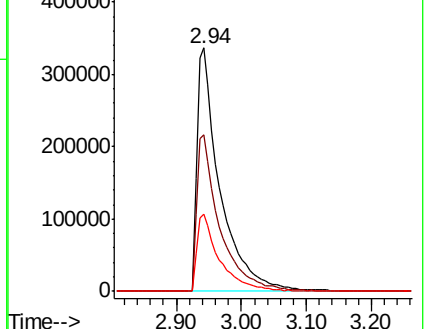
51 31.5 26.1 39.1



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: 36.767 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

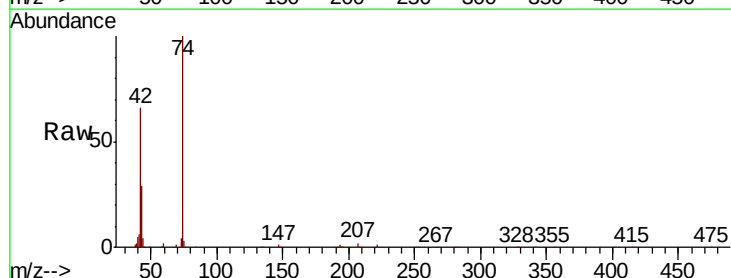
Tgt Ion: 42 Resp: 342423

Ion Ratio Lower Upper

42 100

74 151.6 116.6 175.0

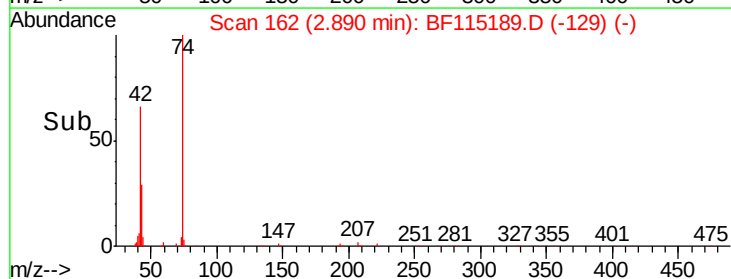
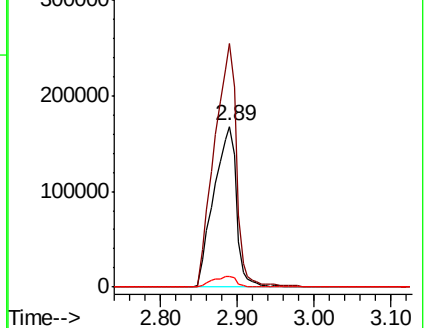
44 6.7 5.3 7.9

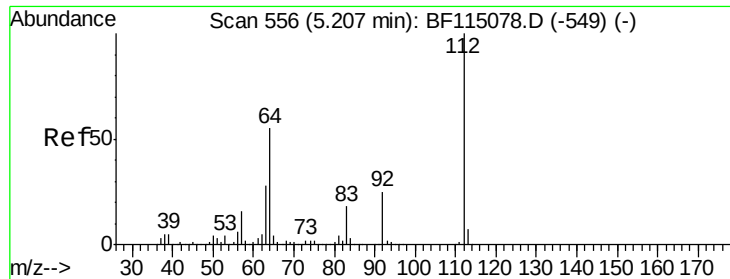


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.864 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

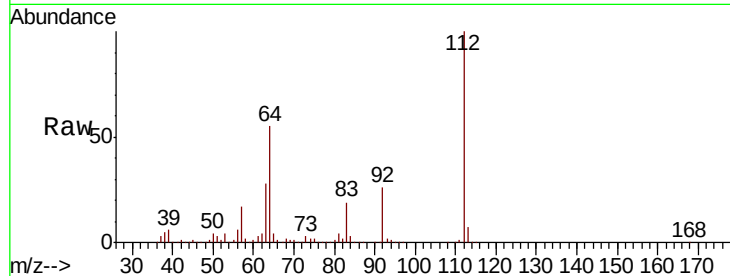
Tgt Ion: 112 Resp: 1962138

Ion Ratio Lower Upper

112 100

64 55.1 43.8 65.6

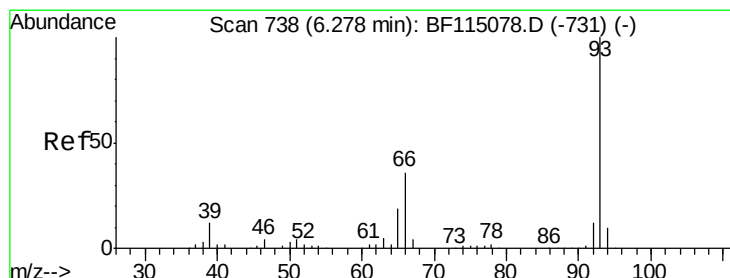
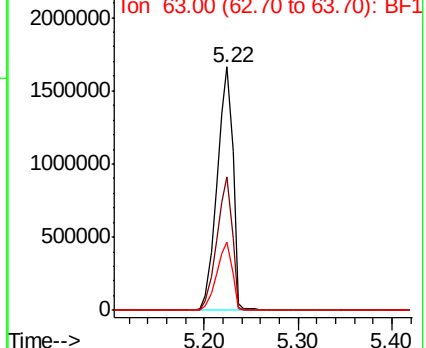
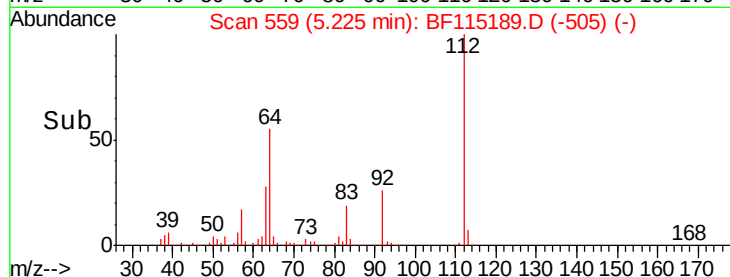
63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.827 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

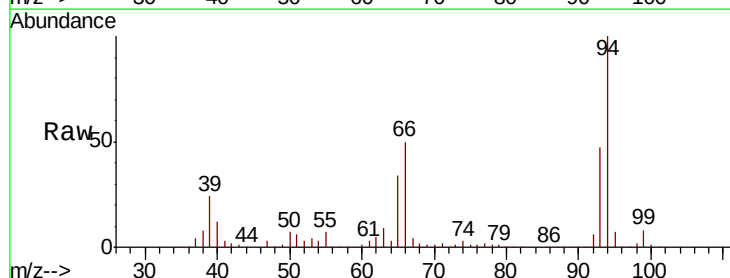
Tgt Ion: 93 Resp: 739665

Ion Ratio Lower Upper

93 100

66 106.5 30.0 45.0#

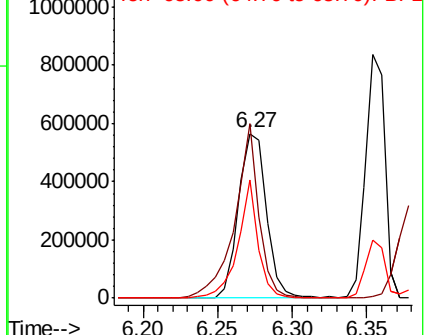
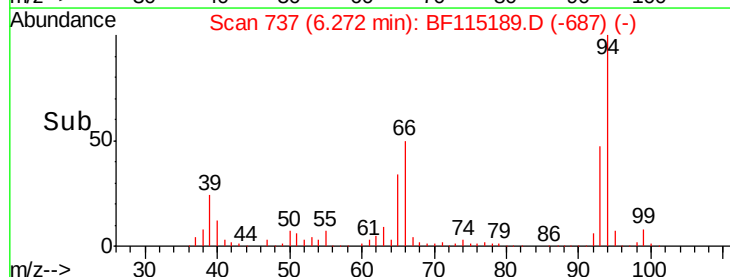
65 71.8 15.6 23.4#

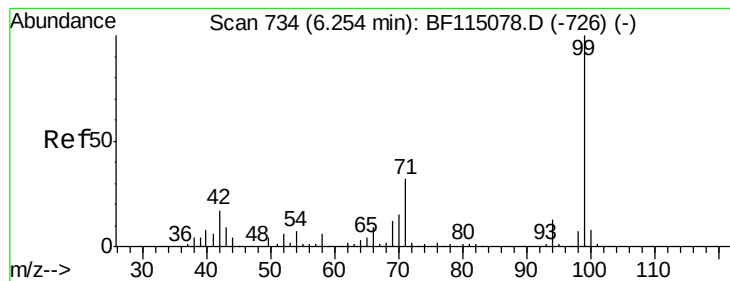


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.789 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

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ClientSampleId :

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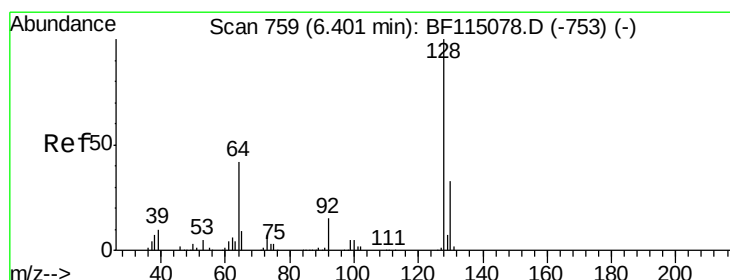
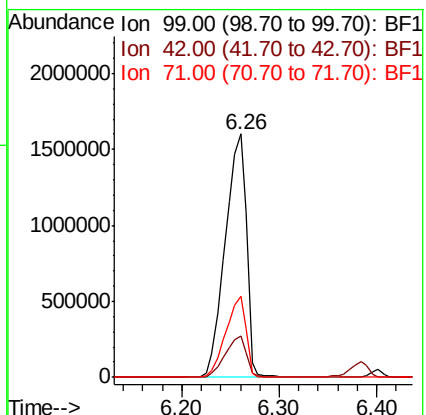
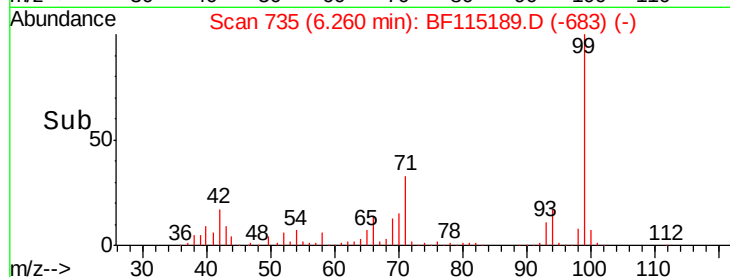
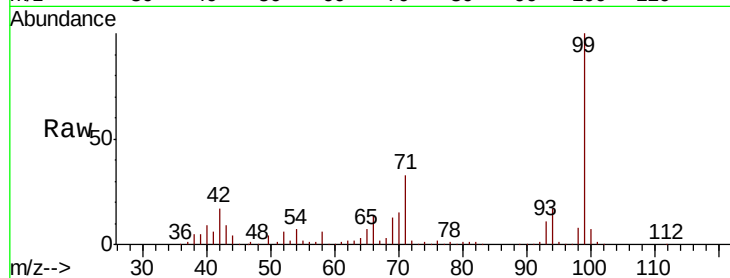
Tgt Ion: 99 Resp: 2423286

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

71 33.2 25.5 38.3



#8

2-Chlorophenol

Concen: 41.225 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

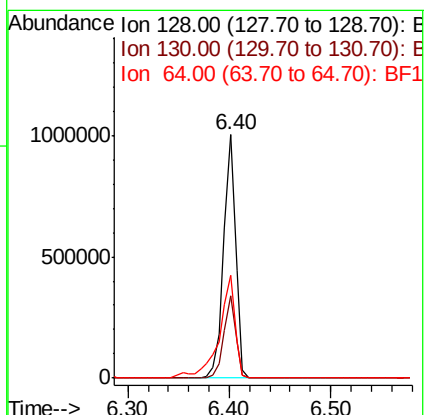
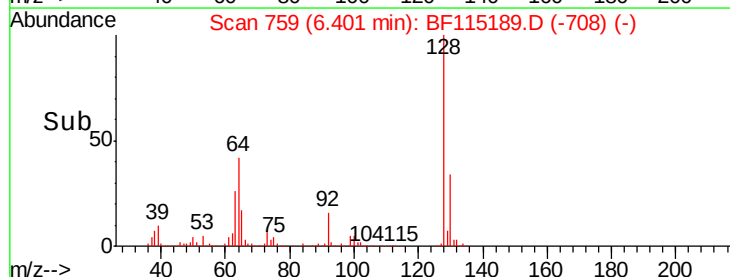
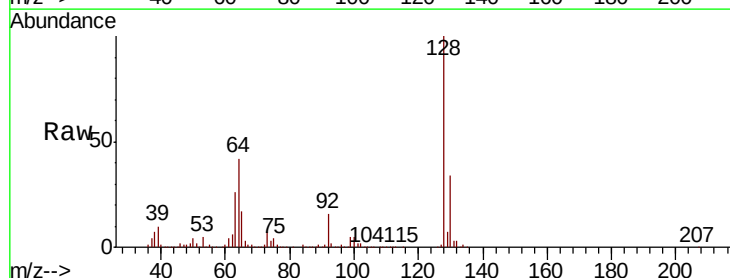
Tgt Ion: 128 Resp: 827899

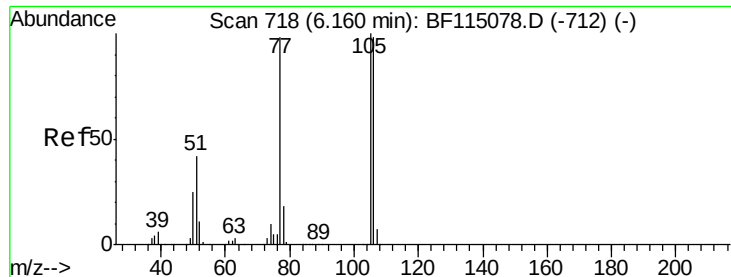
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 42.0 22.9 62.9





#9

Benzaldehyde

Concen: 8.107 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

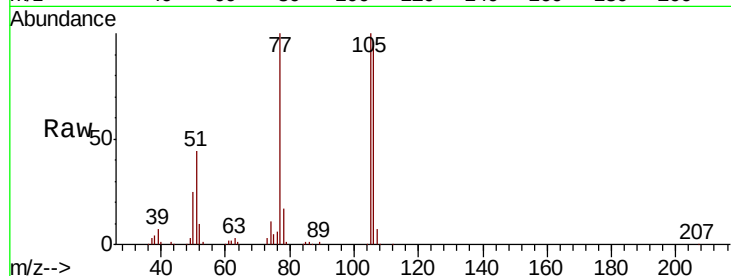
Tgt Ion: 77 Resp: 114649

Ion Ratio Lower Upper

77 100

105 100.3 81.5 121.5

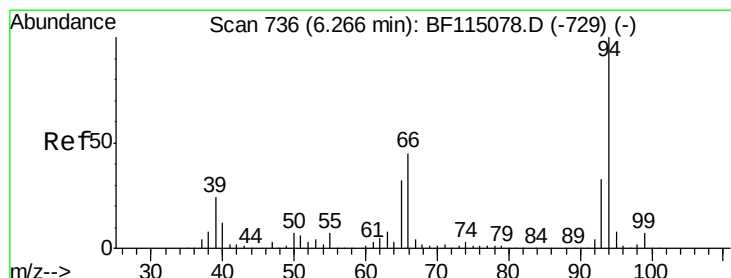
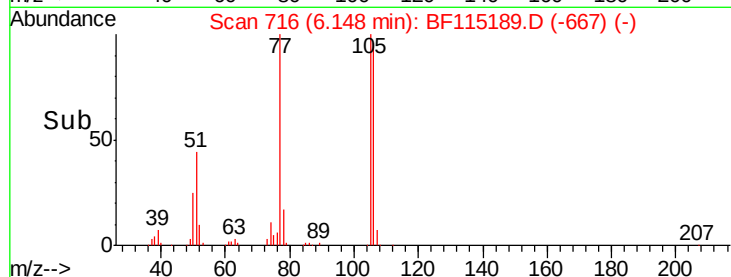
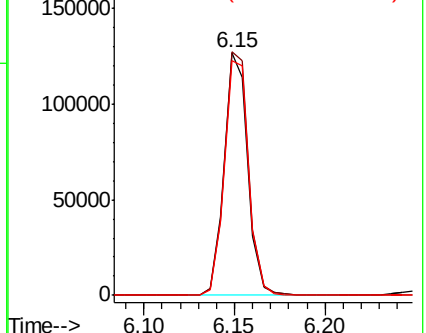
106 96.6 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.346 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

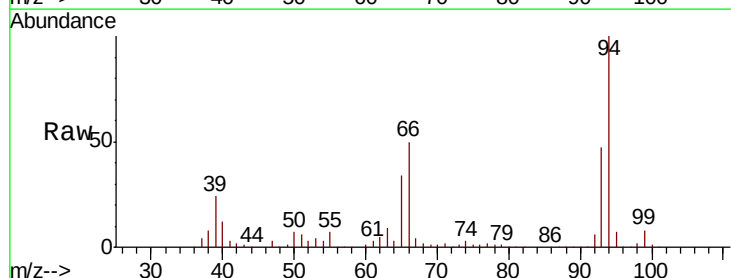
Tgt Ion: 94 Resp: 948289

Ion Ratio Lower Upper

94 100

65 33.8 11.9 51.9

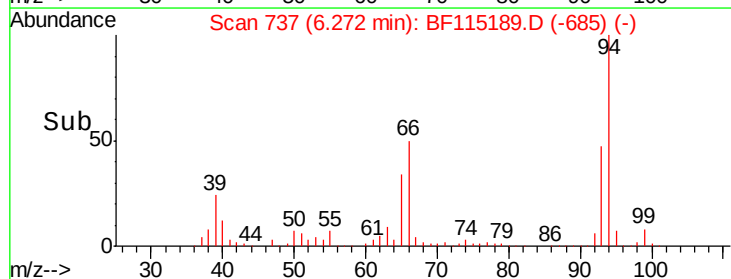
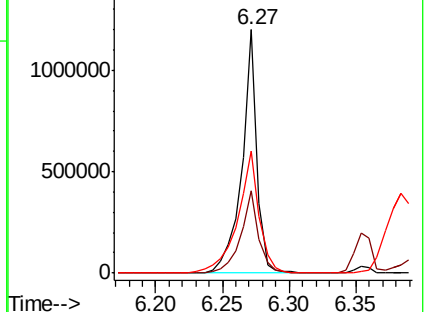
66 50.1 25.2 65.2

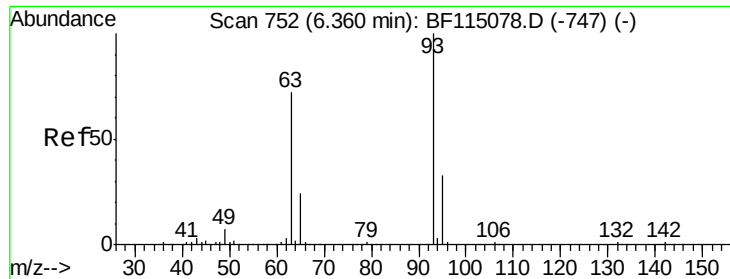


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

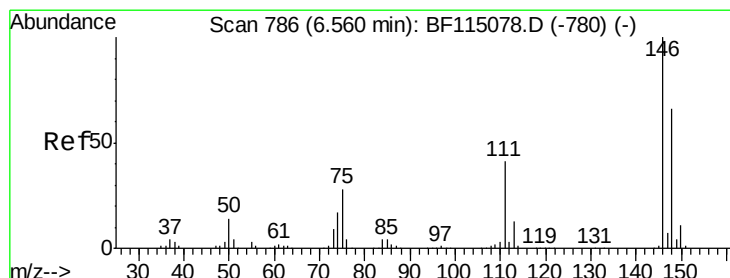
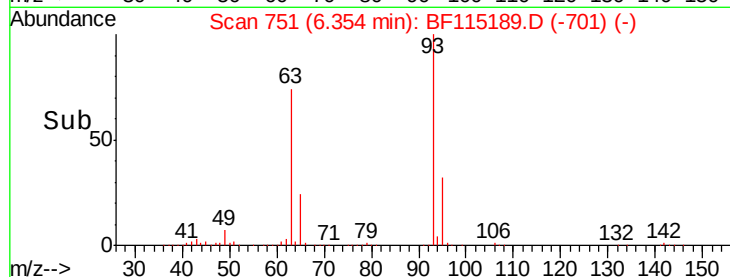
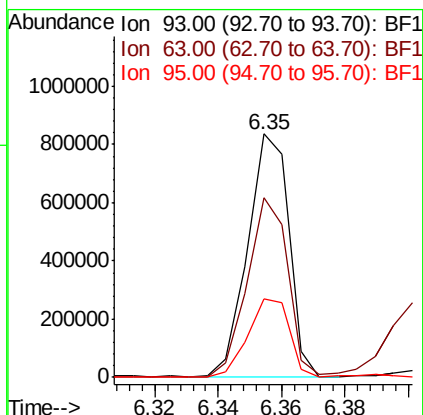
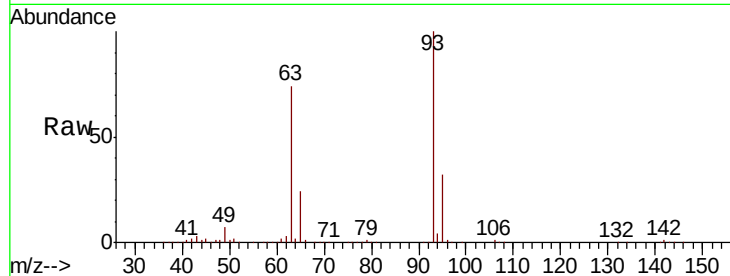




#11
bis(2-Chloroethyl)ether
Concen: 40.130 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

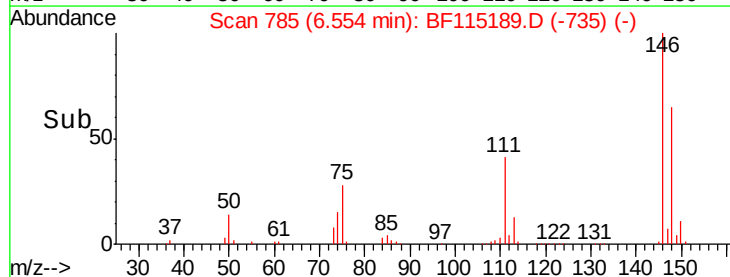
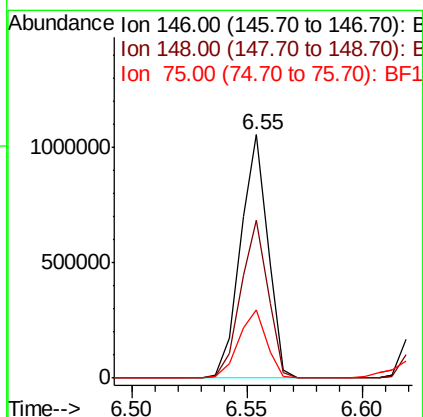
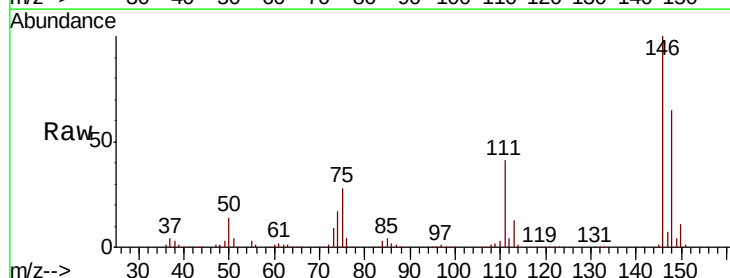
Instrument :
BNA_F
ClientSampleId :
PB120652BS

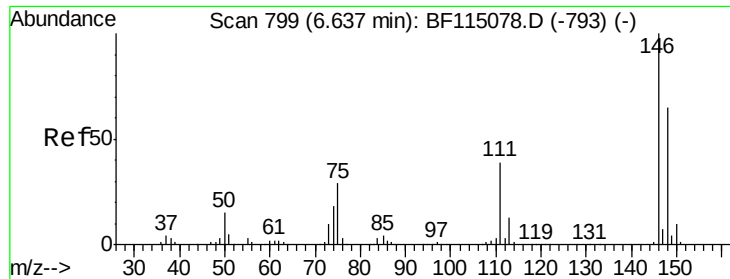
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.6	51.5	91.5
95	32.4	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.136 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	28.2	22.6	34.0

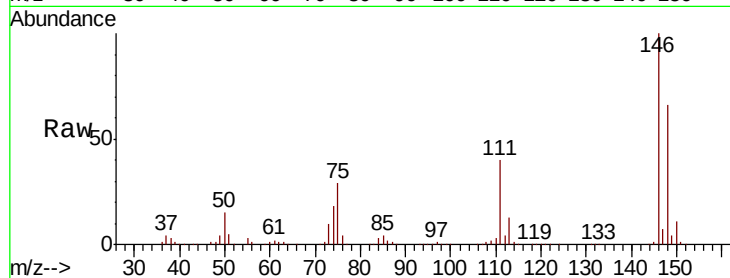




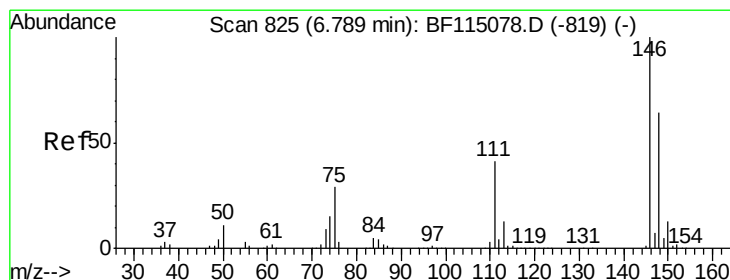
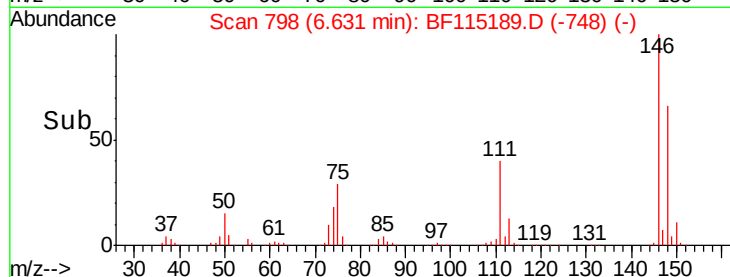
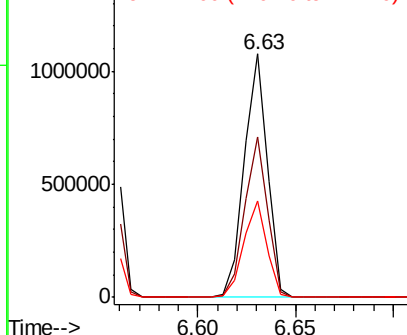
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion:146 Resp: 882007
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 39.8 31.4 47.0

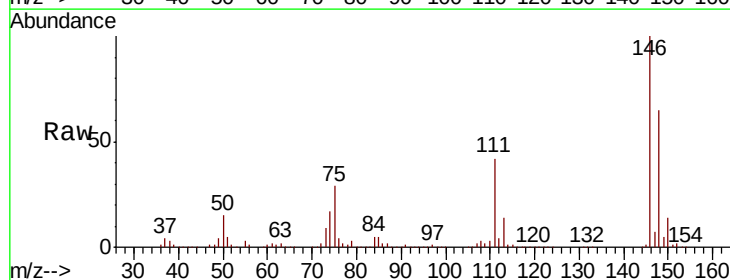


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

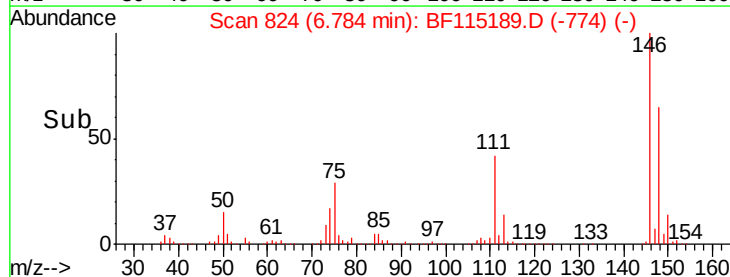
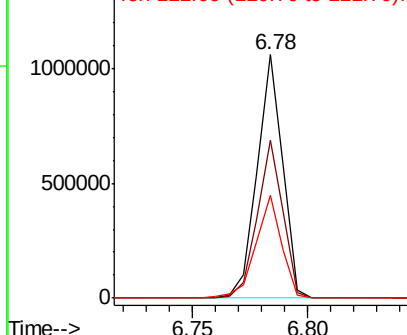


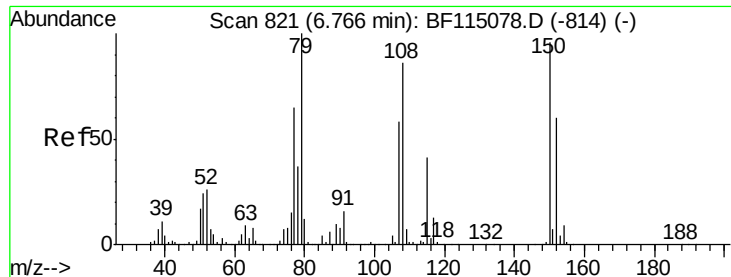
#14
 1,2-Dichlorobenzene
 Concen: 39.705 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:146 Resp: 821776
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 42.1 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

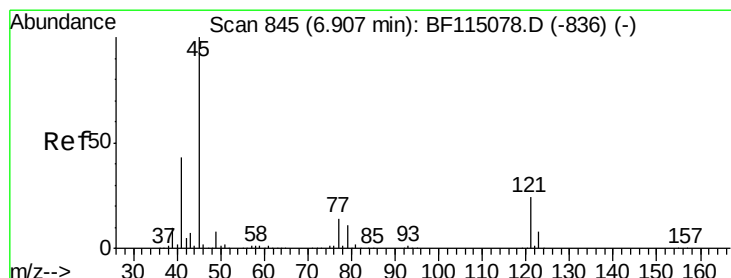
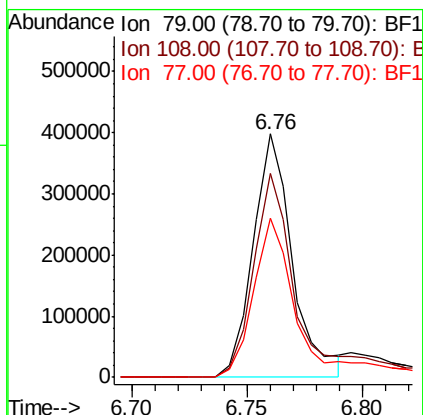
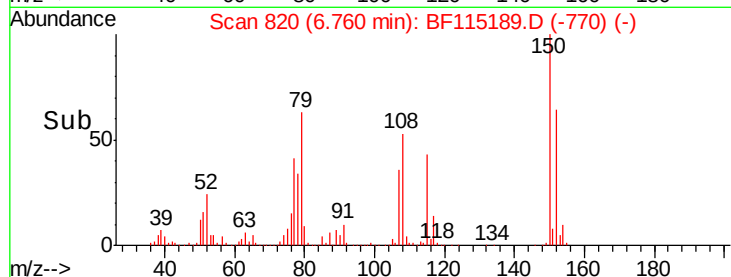
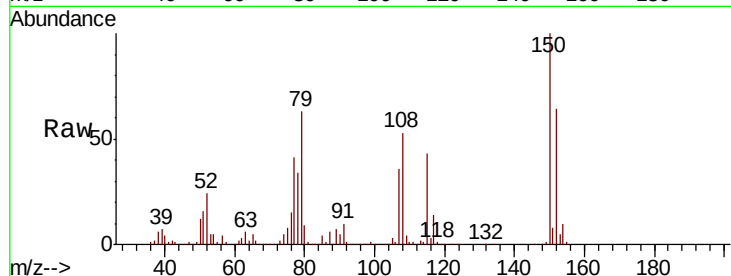




#15
Benzyl Alcohol
Concen: 29.943 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

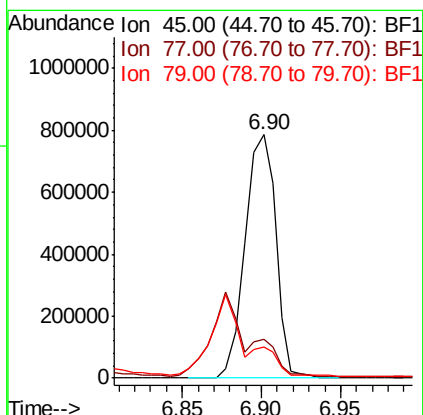
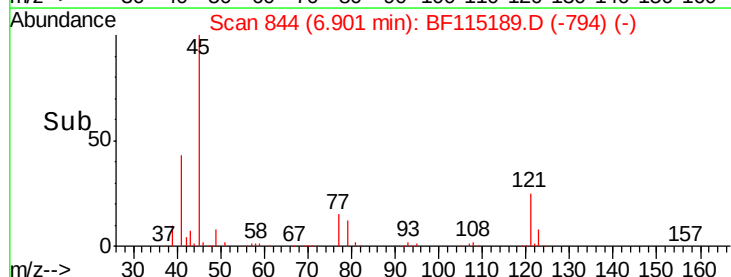
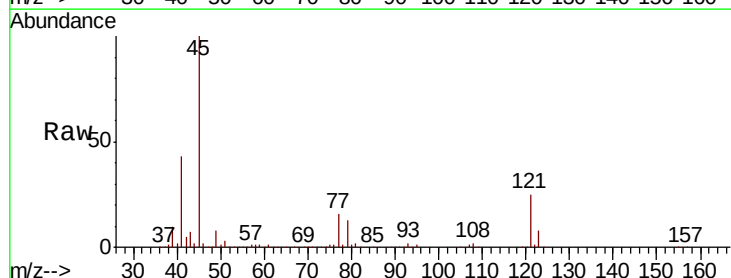
Instrument :
BNA_F
ClientSampleID :
PB120652BS

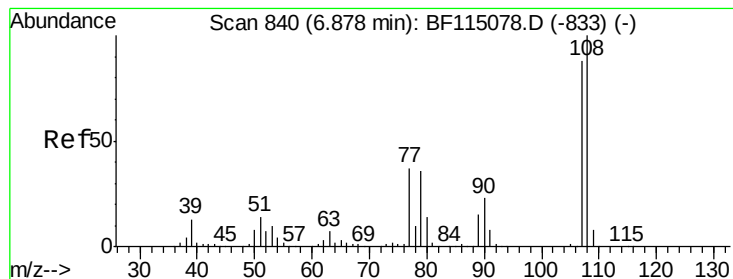
Tgt Ion: 79 Resp: 472638
Ion Ratio Lower Upper
79 100
108 83.6 68.7 103.1
77 65.4 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.078 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion: 45 Resp: 1060879
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.6
79 12.9 0.0 31.2





#17

2-Methylphenol

Concen: 43.438 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tgt Ion:107 Resp: 720051

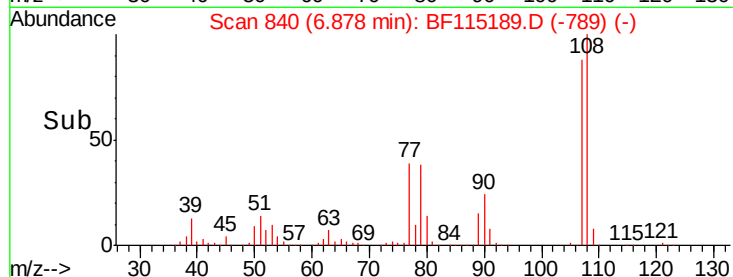
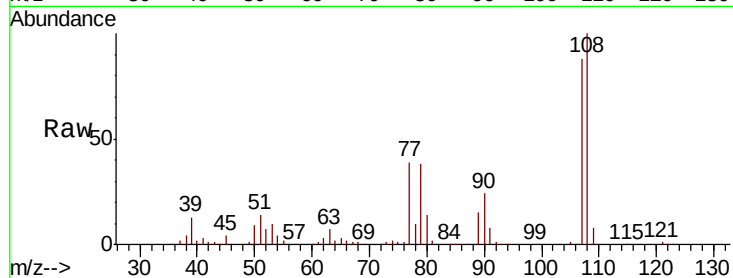
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 43.6 33.4 50.2

79 42.4 32.3 48.5

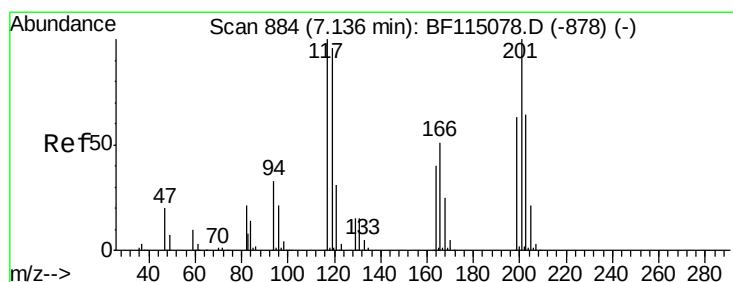
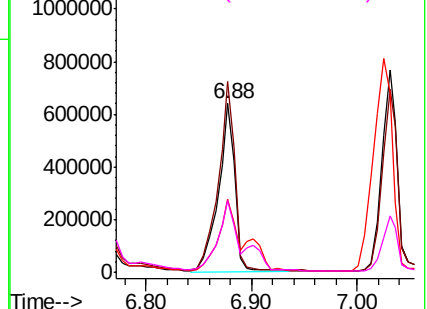


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.339 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

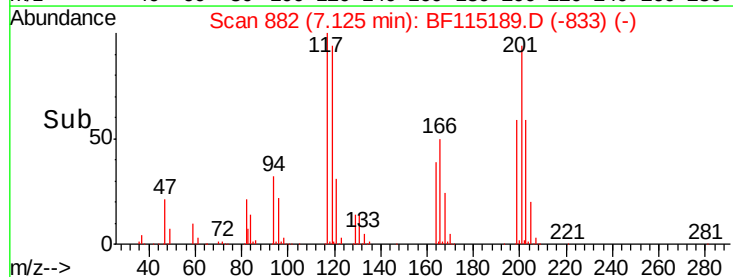
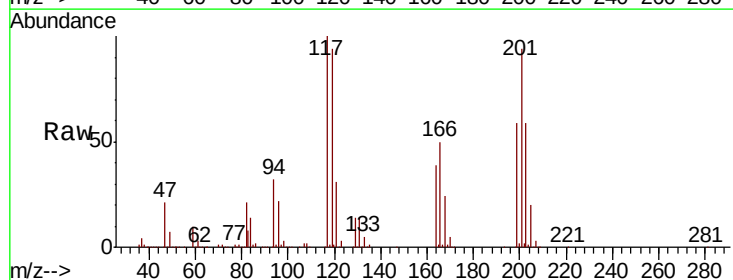
Tgt Ion:117 Resp: 316966

Ion Ratio Lower Upper

117 100

119 93.7 76.6 114.8

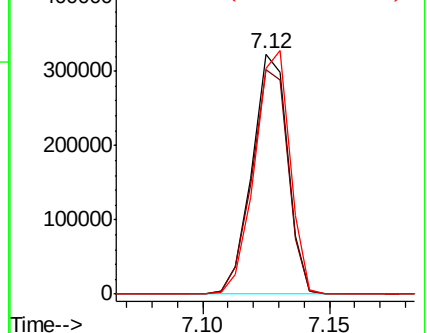
201 94.0 80.2 120.2

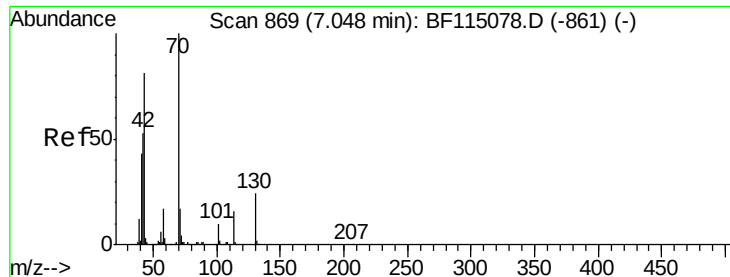


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

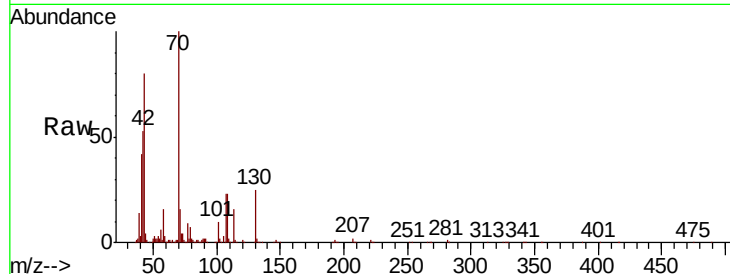




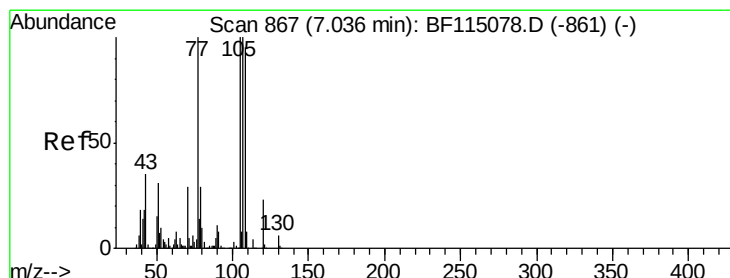
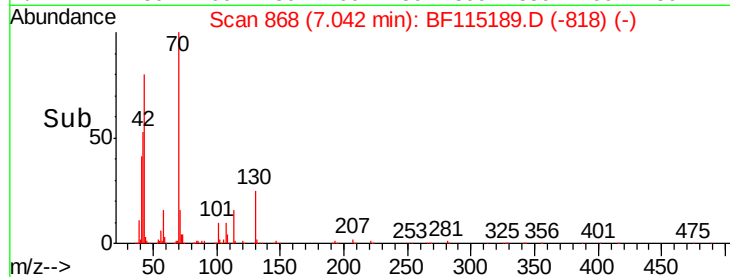
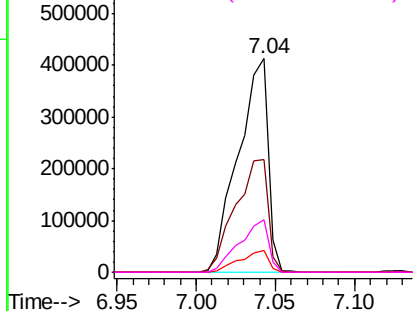
#19
n-Nitroso-di-n-propylamine
Concen: 38.610 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:	70	Resp:	535836
Ion	Ratio	Lower	Upper
70	100		
42	52.8	42.6	63.8
101	10.4	8.0	12.0
130	24.7	19.4	29.0

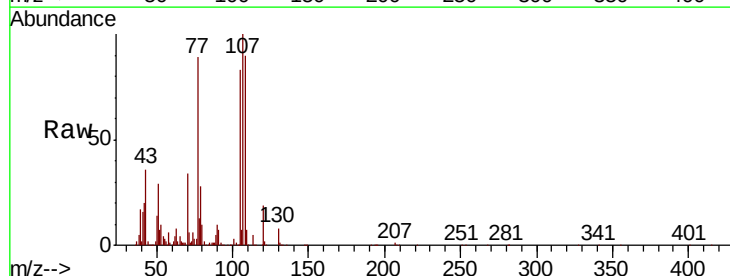


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

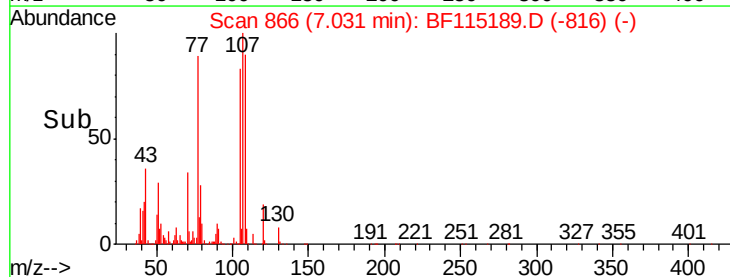
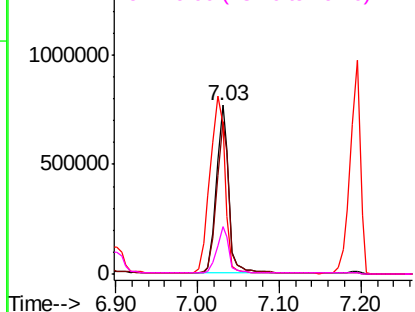


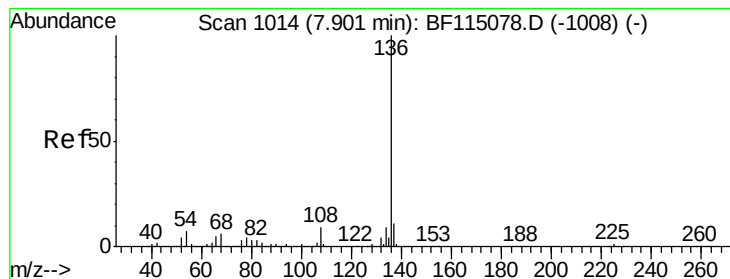
#20
3+4-Methylphenols
Concen: 42.627 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:	107	Resp:	815893
Ion	Ratio	Lower	Upper
107	100		
108	90.4	75.5	115.5
77	88.6	80.2	120.2
79	27.9	9.5	49.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tgt Ion:136 Resp: 1109988

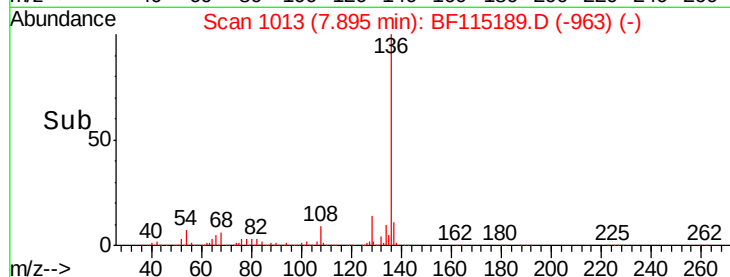
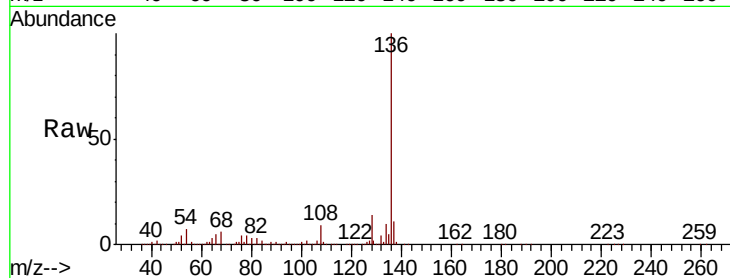
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 5.6 8.4

68 5.6 4.8 7.2

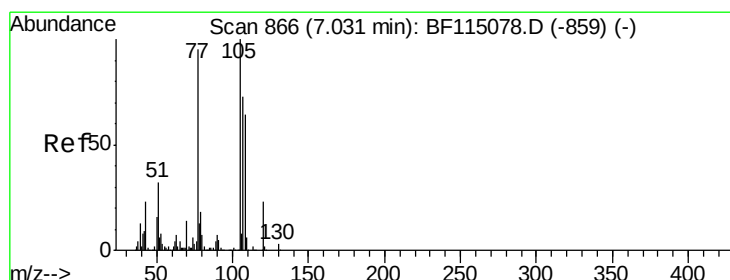
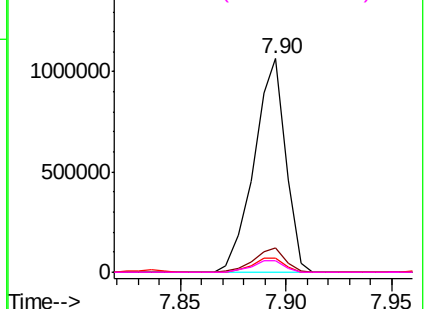


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.160 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Tgt Ion:105 Resp: 1096742

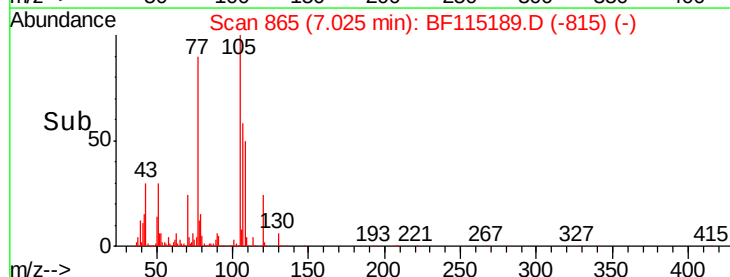
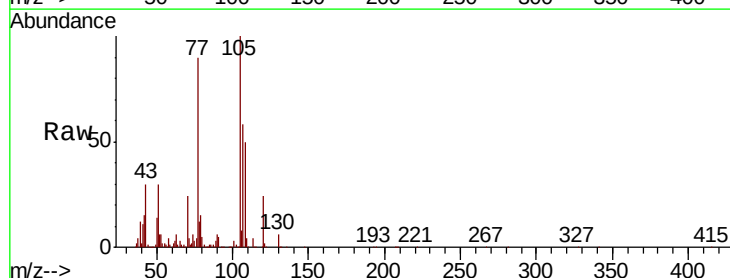
Ion Ratio Lower Upper

105 100

71 4.0 1.9 2.9#

51 30.4 25.8 38.8

120 23.7 18.5 27.7

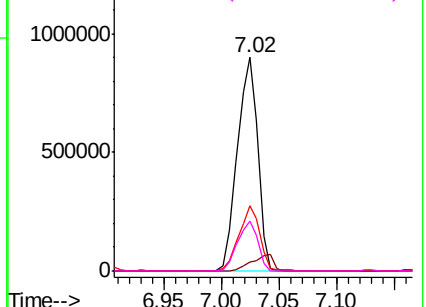


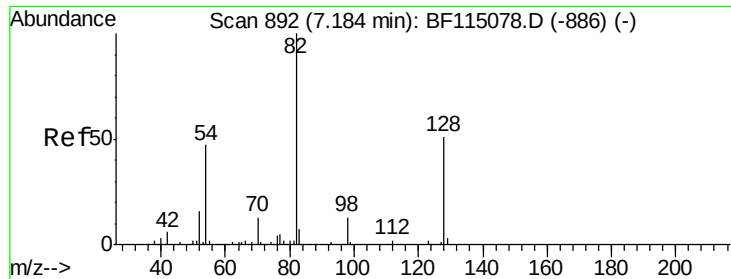
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

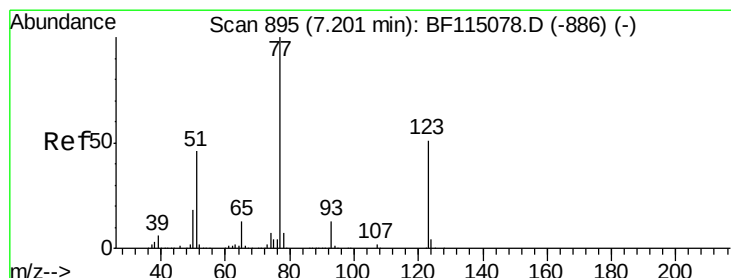
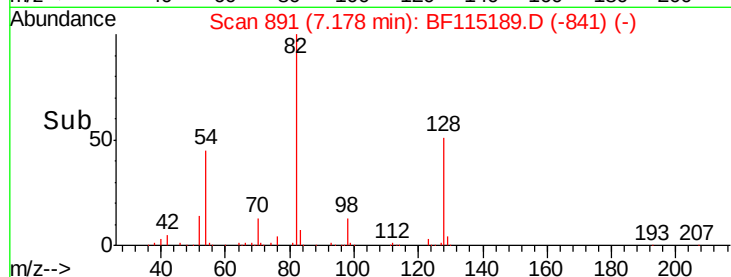
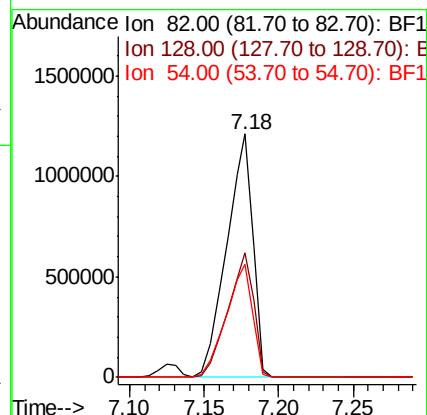
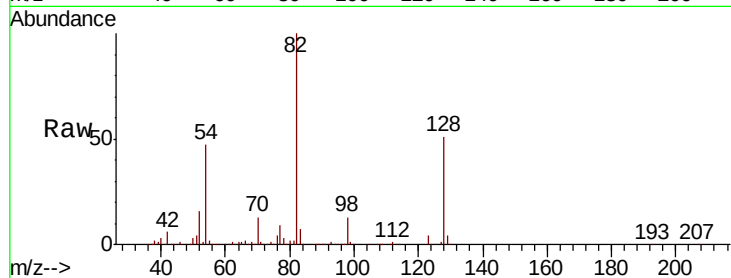




#23
 Nitrobenzene-d5
 Concen: 82.955 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

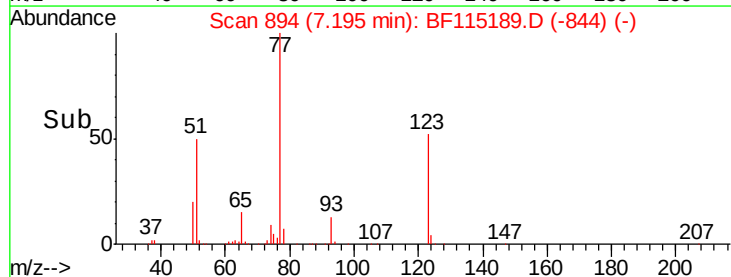
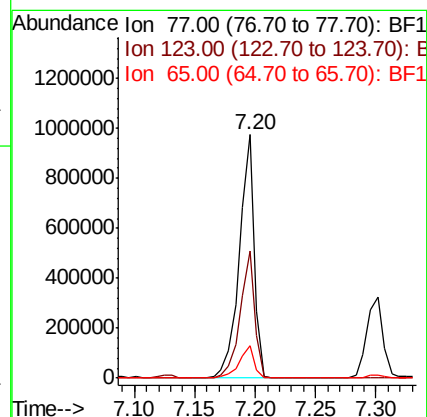
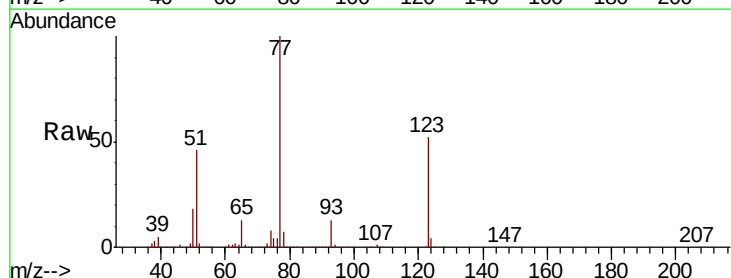
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

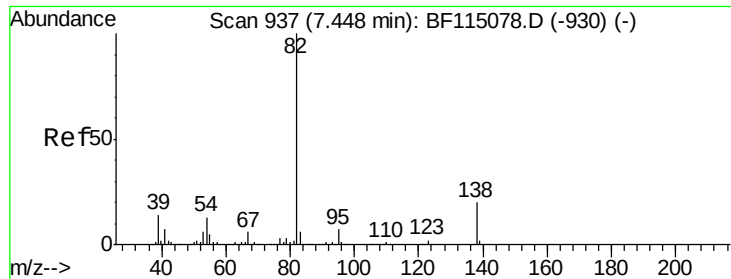
Tgt Ion: 82 Resp: 1496843
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 46.6 37.5 56.3



#24
 Nitrobenzene
 Concen: 42.239 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion: 77 Resp: 839657
 Ion Ratio Lower Upper
 77 100
 123 52.4 41.0 61.6
 65 13.1 10.5 15.7





#25

Isophorone

Concen: 41.877 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

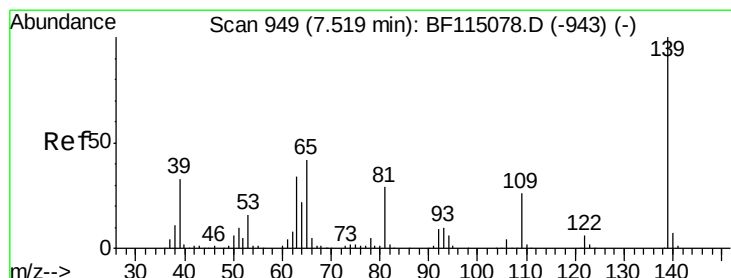
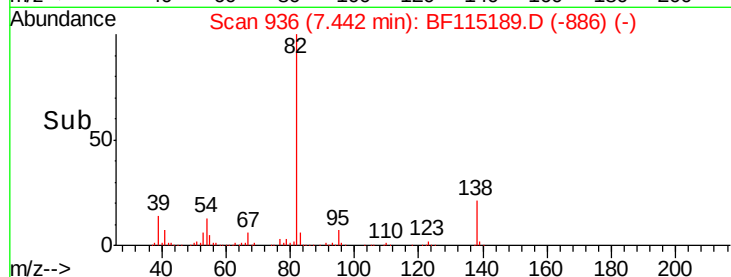
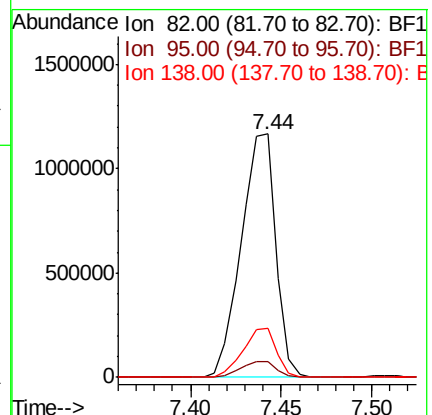
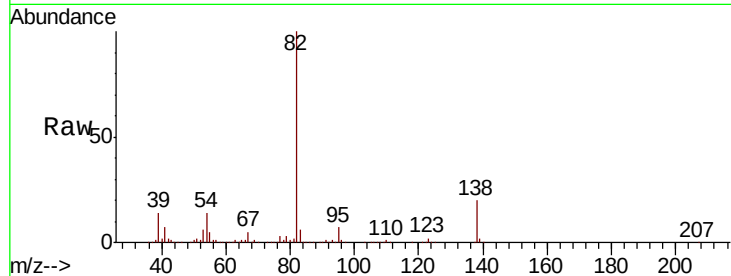
Tgt Ion: 82 Resp: 1547940

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 20.3 15.9 23.9



#26

2-Nitrophenol

Concen: 47.995 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

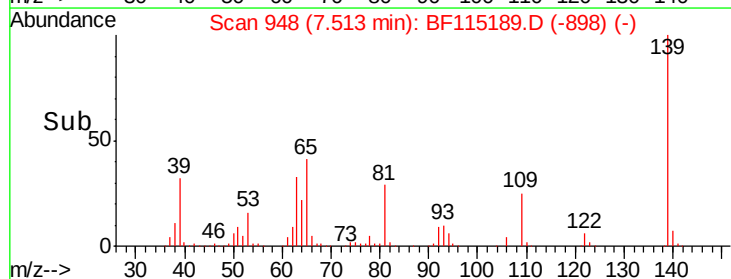
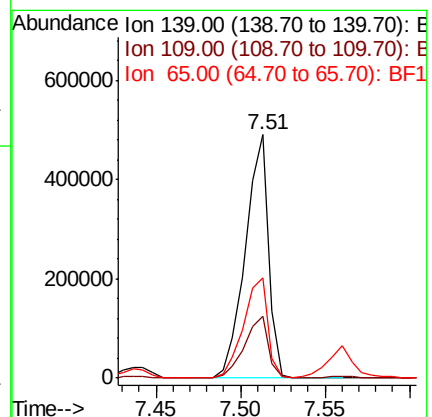
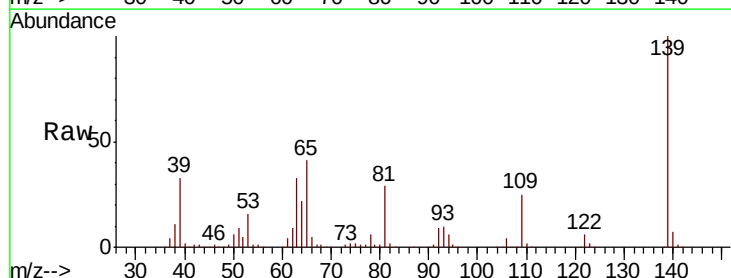
Tgt Ion: 139 Resp: 471171

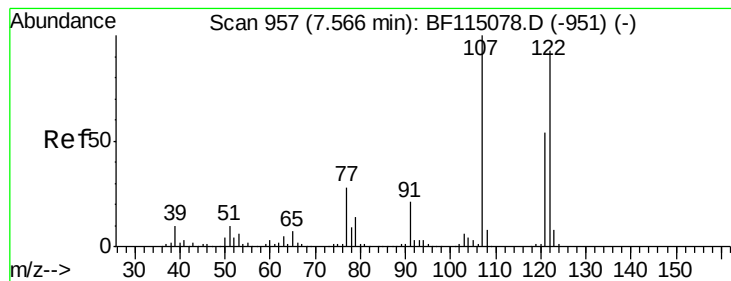
Ion Ratio Lower Upper

139 100

109 25.4 20.4 30.6

65 41.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 50.041 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

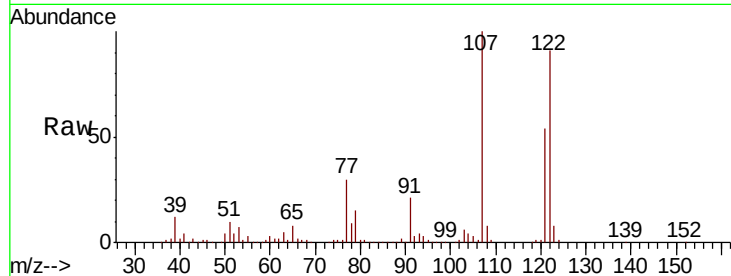
Tgt Ion:122 Resp: 804329

Ion Ratio Lower Upper

122 100

107 110.2 85.8 128.6

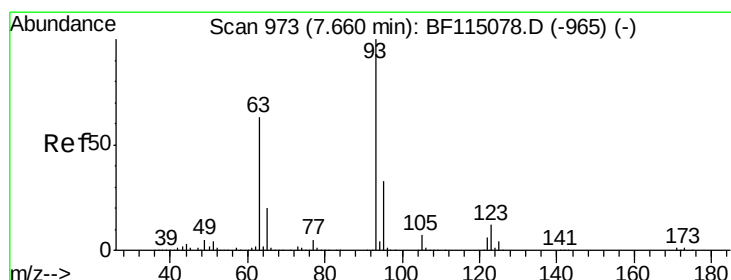
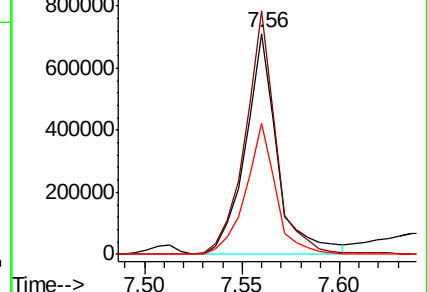
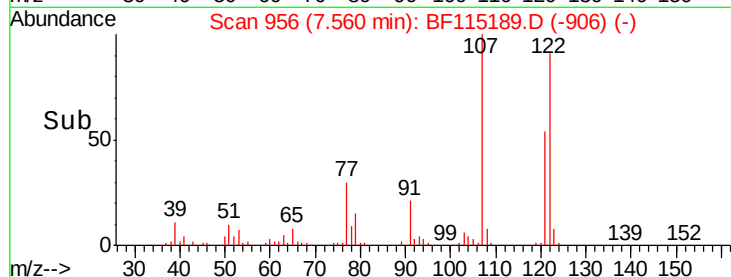
121 59.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.434 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

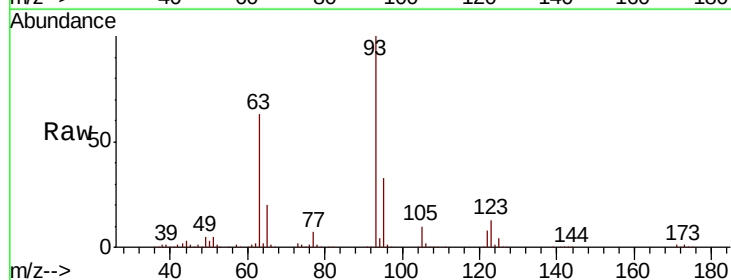
Tgt Ion: 93 Resp: 968025

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

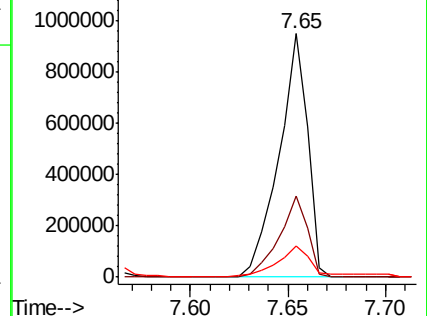
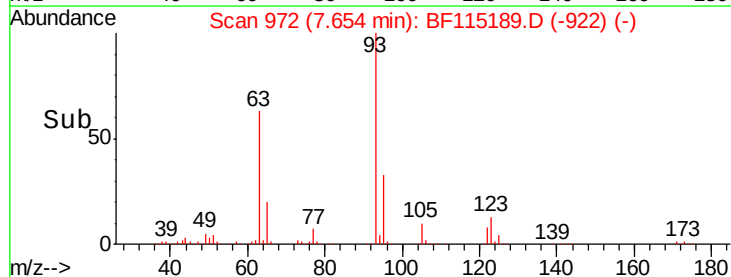
123 12.8 9.7 14.5

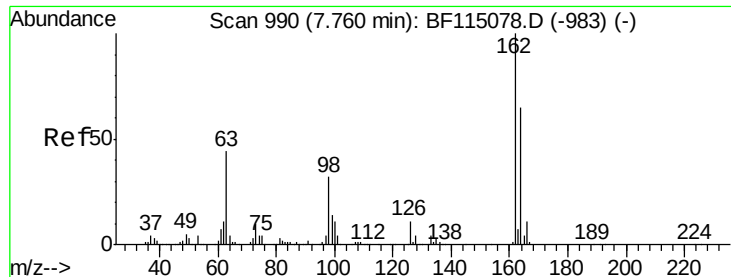


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

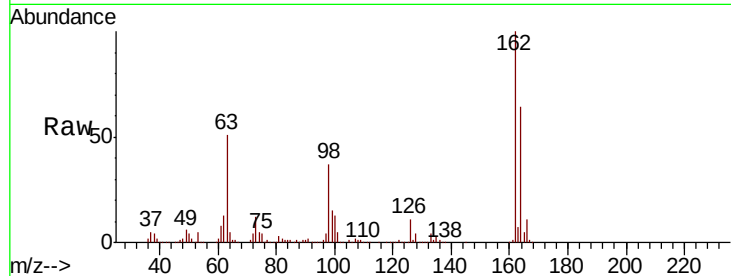




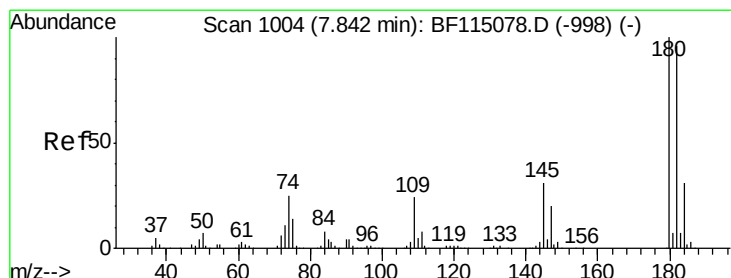
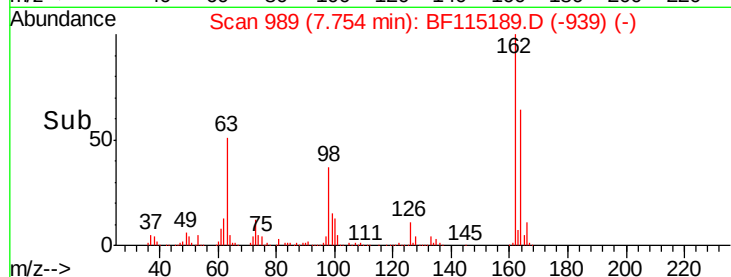
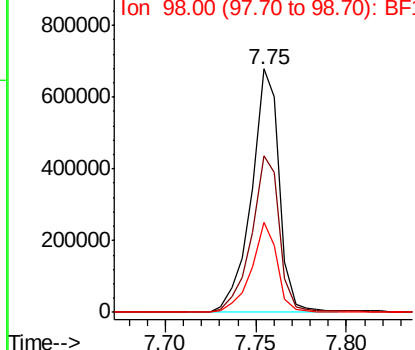
#29
2,4-Dichlorophenol
Concen: 43.676 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:162 Resp: 724481
Ion Ratio Lower Upper
162 100
164 64.5 45.3 85.3
98 36.8 12.5 52.5

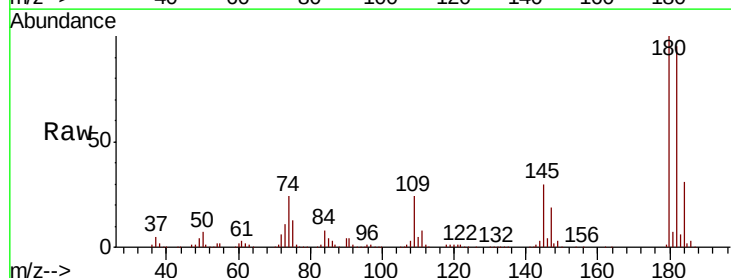


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

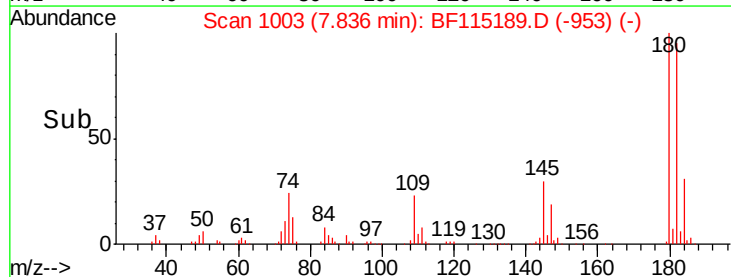
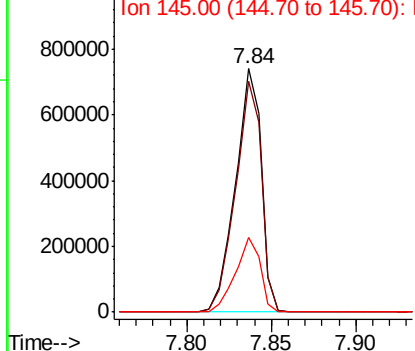


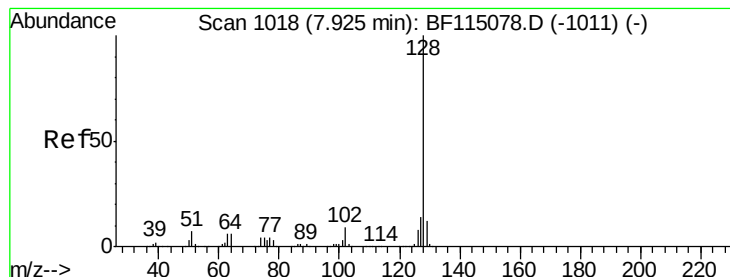
#30
1,2,4-Trichlorobenzene
Concen: 42.872 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:180 Resp: 785510
Ion Ratio Lower Upper
180 100
182 94.6 76.4 114.6
145 30.4 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: 42.859 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

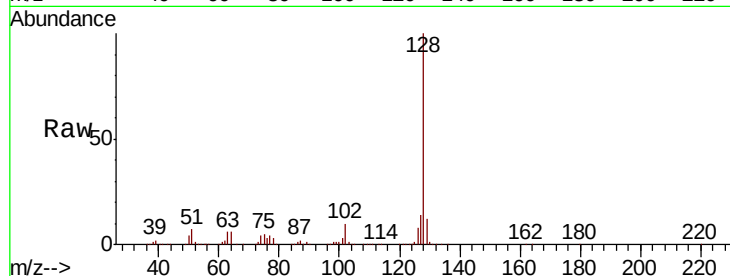
Tgt Ion:128 Resp: 2335239

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

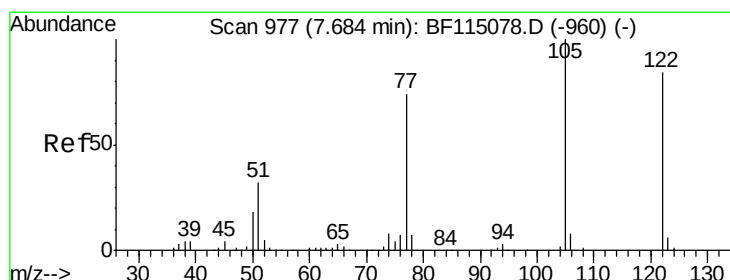
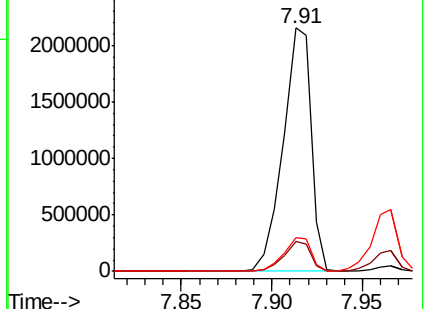
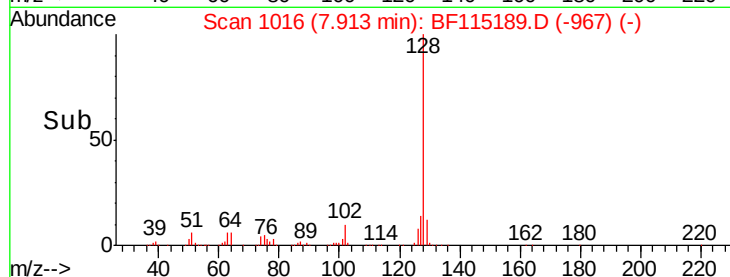
127 14.1 11.4 17.0



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: 51.665 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

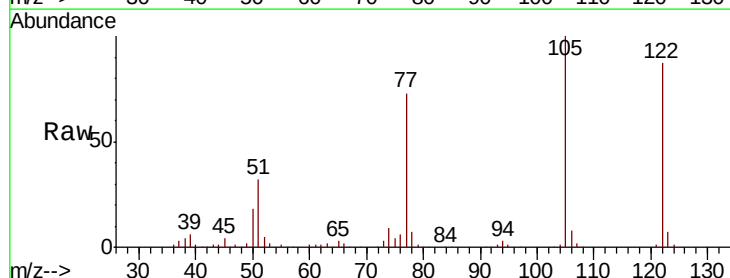
Tgt Ion:122 Resp: 592769

Ion Ratio Lower Upper

122 100

105 114.6 98.2 138.2

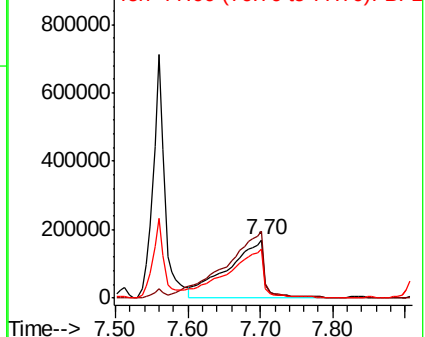
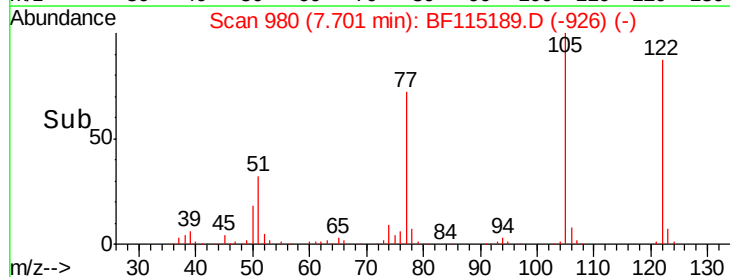
77 83.8 67.0 107.0

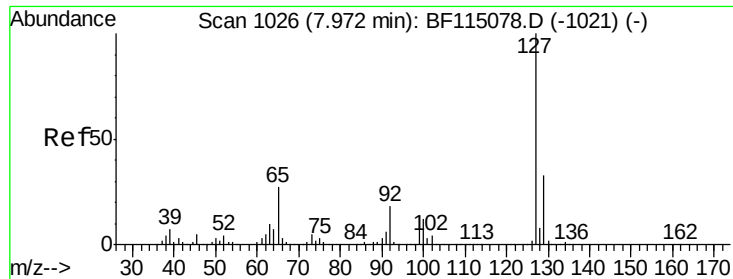


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

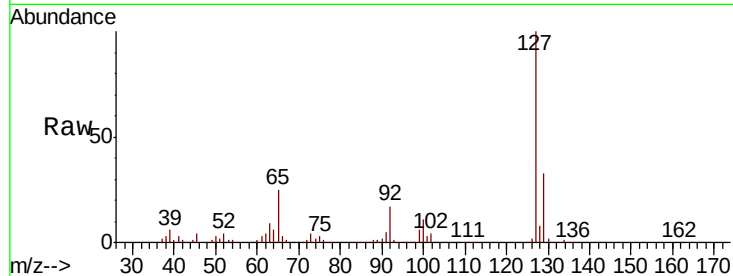




#33
4-Chloroaniline
Concen: 22.669 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:	127	Resp:	564503
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	25.1	21.4	32.2
92	16.8	14.1	21.1



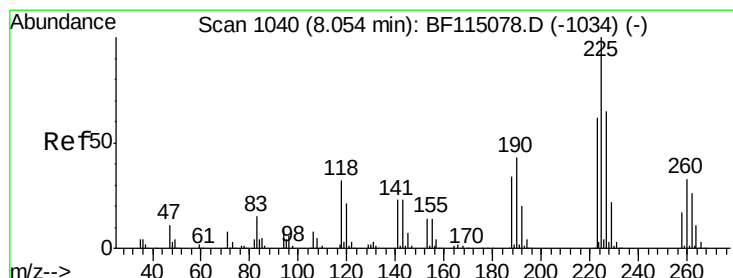
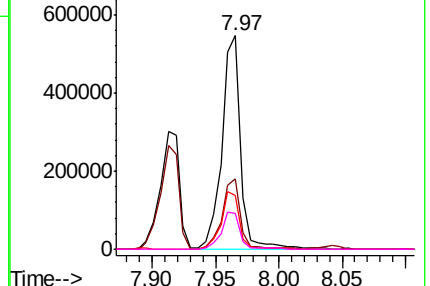
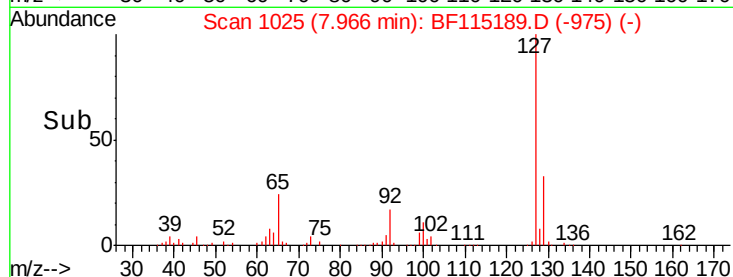
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

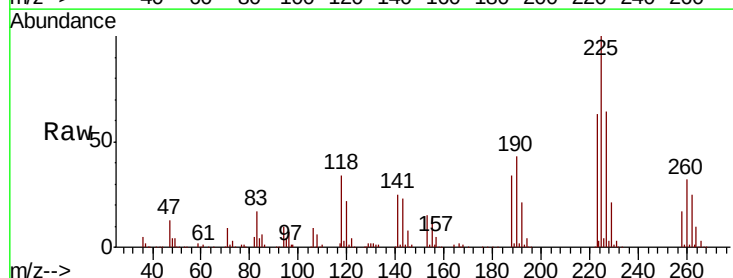
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.078 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:	225	Resp:	422494
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.6	51.8	77.8

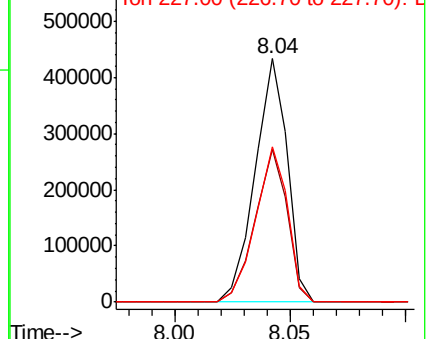
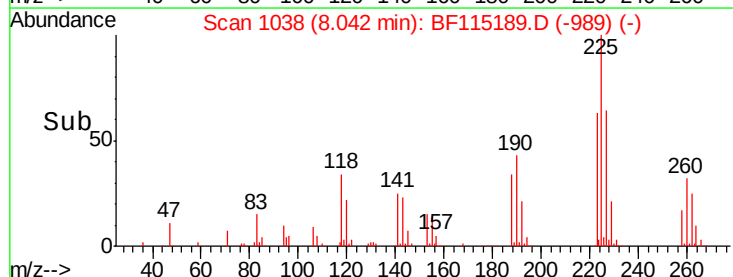


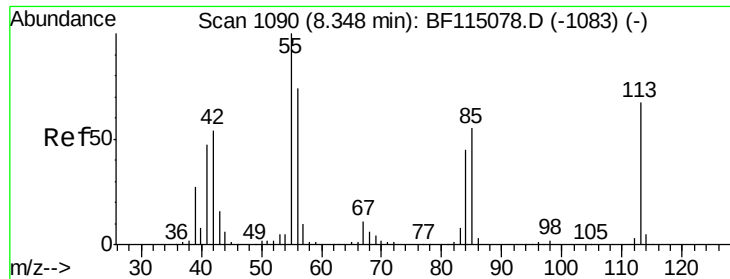
Abundance

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

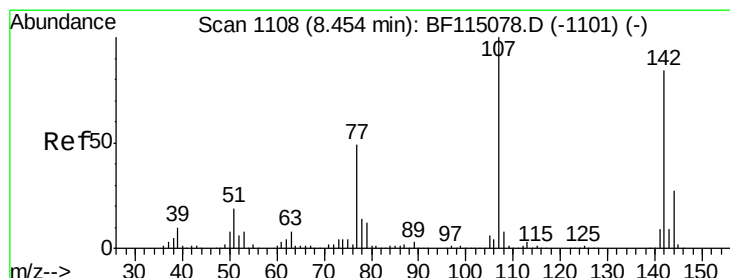
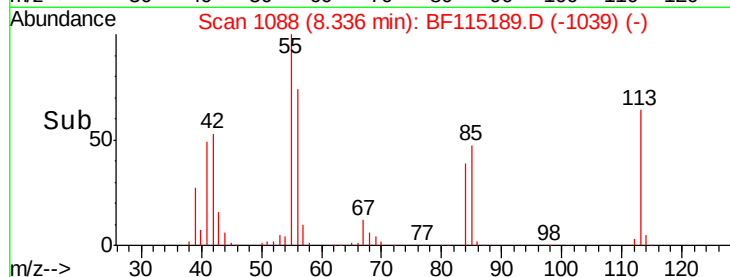
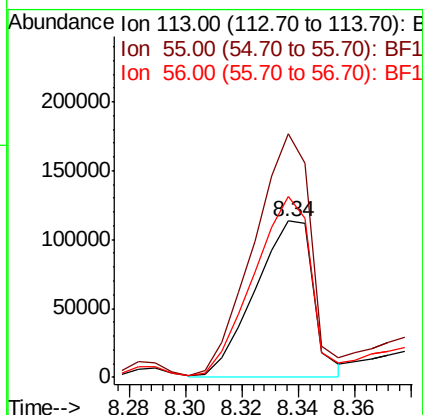
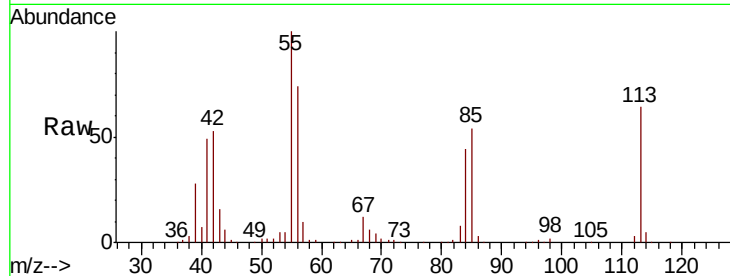




#35
 Caprolactam
 Concen: 29.079 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

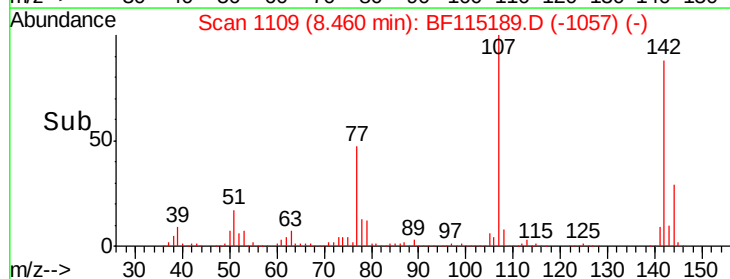
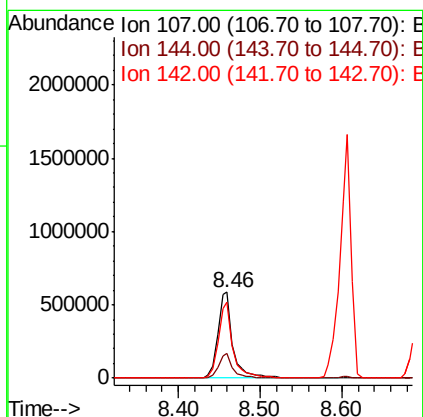
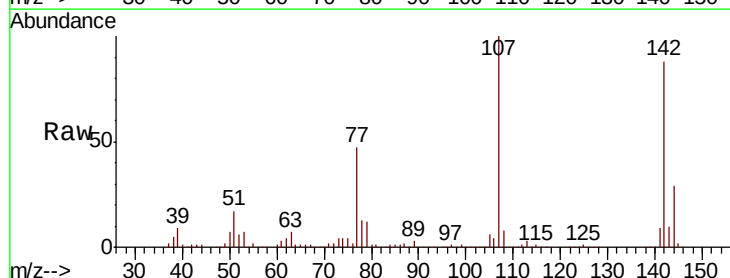
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

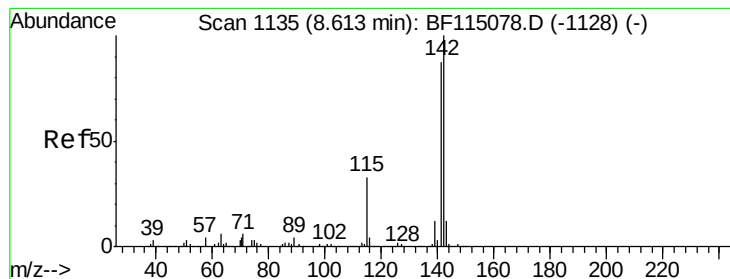
Tgt Ion:113 Resp: 162172
 Ion Ratio Lower Upper
 113 100
 55 155.9 130.2 170.2
 56 115.6 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.803 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:107 Resp: 752633
 Ion Ratio Lower Upper
 107 100
 144 29.0 21.7 32.5
 142 88.2 67.0 100.4





#37

2-Methylnaphthalene

Concen: 43.429 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

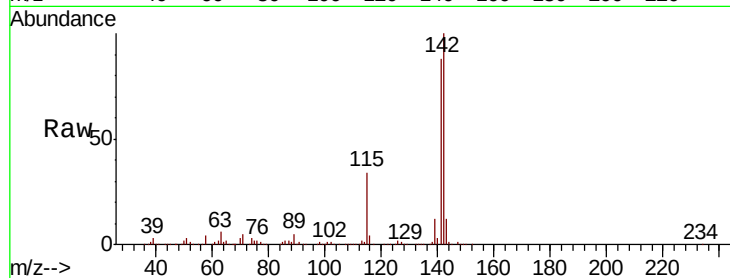
Tgt Ion:142 Resp: 1595481

Ion Ratio Lower Upper

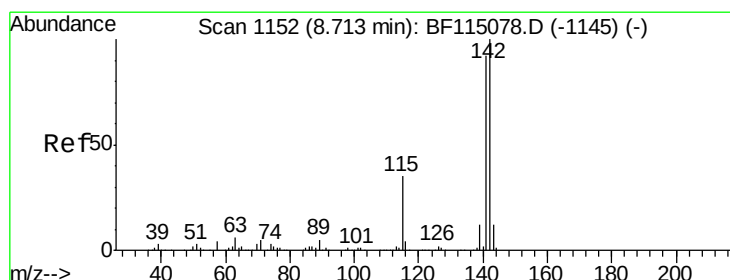
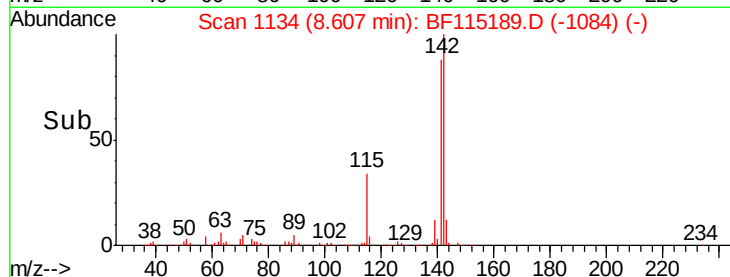
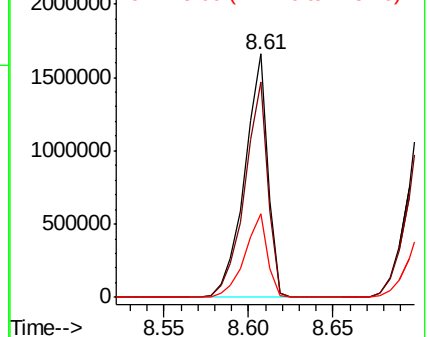
142 100

141 88.4 69.8 104.6

115 34.2 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: 43.418 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

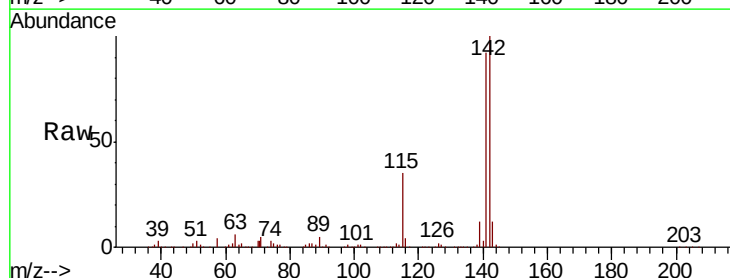
Tgt Ion:142 Resp: 1523420

Ion Ratio Lower Upper

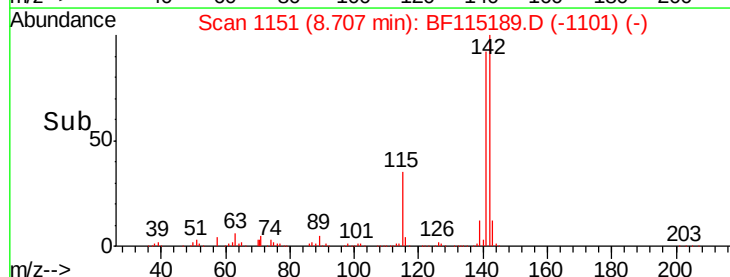
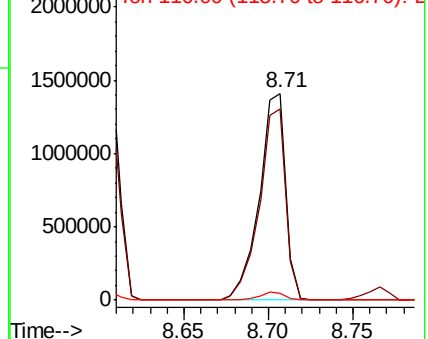
142 100

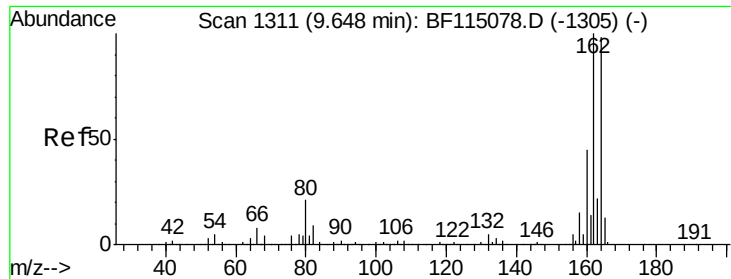
141 92.1 73.8 110.8

116 3.6 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

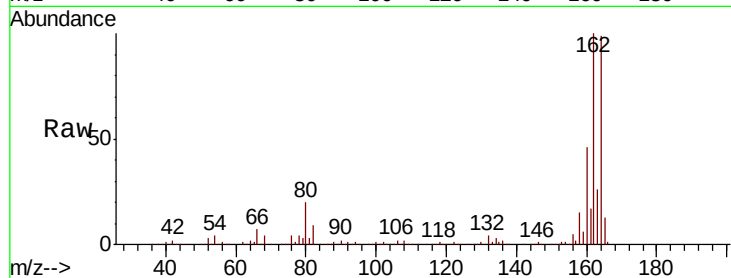




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.7	122.5
160	46.0	37.0	55.4

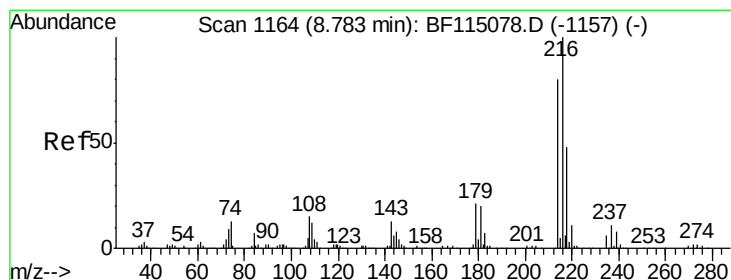
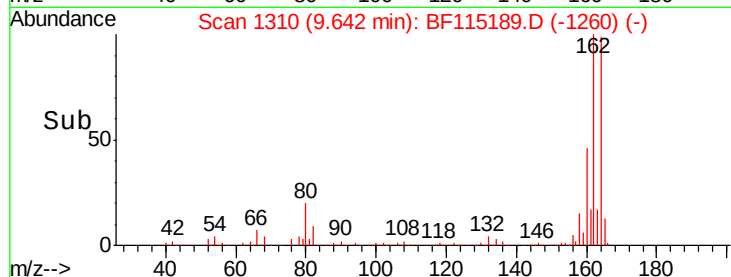
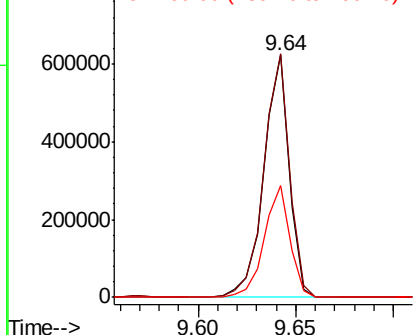


Abundance

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: 42.866 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	22.1	17.6	26.4
108	20.5	15.7	23.5

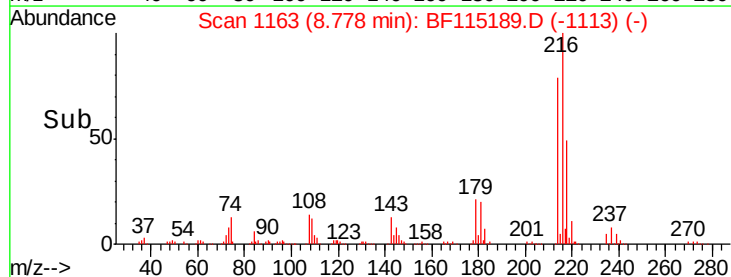
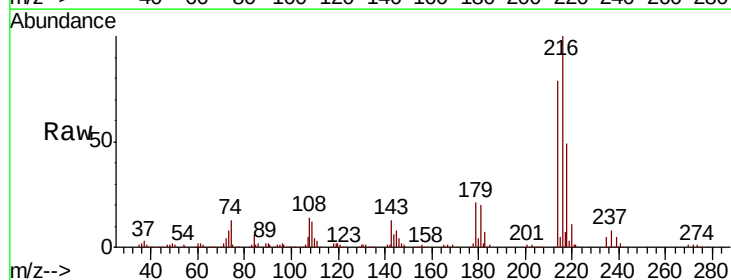
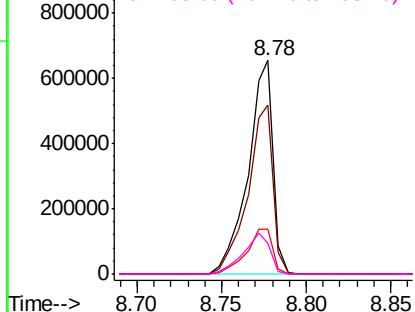
Abundance

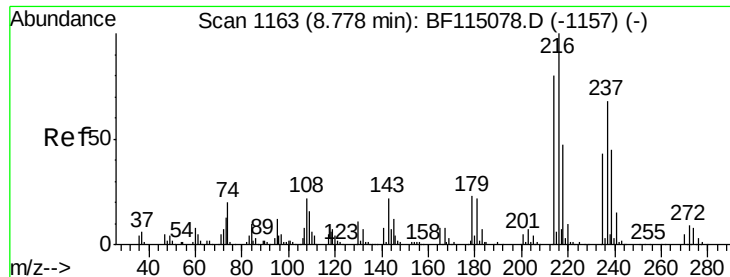
Ion 216.00 (215.70 to 216.70): E

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: 74.768 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

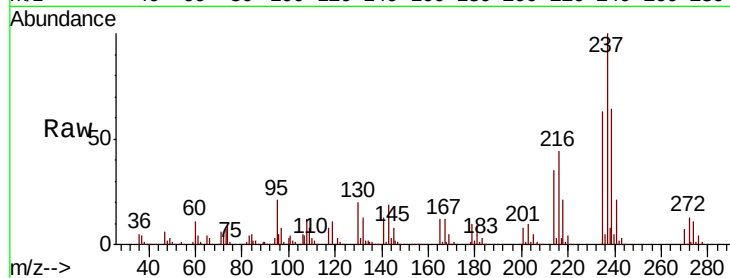
Tgt Ion: 237 Resp: 699599

Ion Ratio Lower Upper

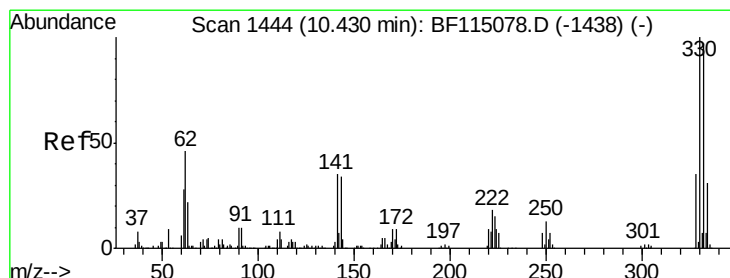
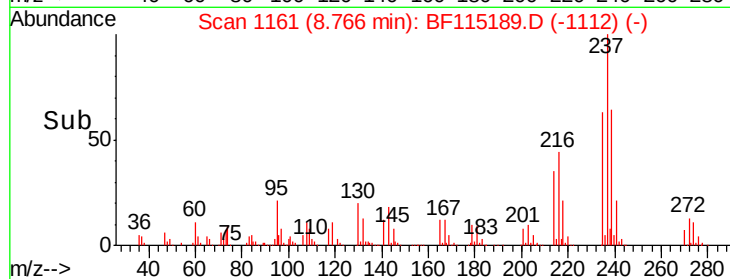
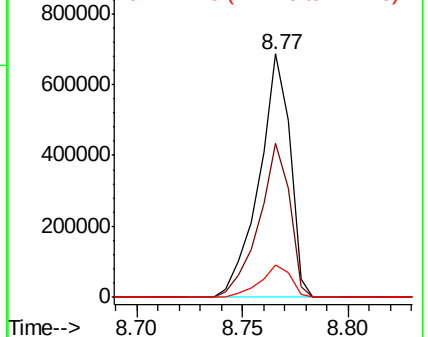
237 100

235 63.4 43.9 83.9

272 13.2 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: 122.105 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

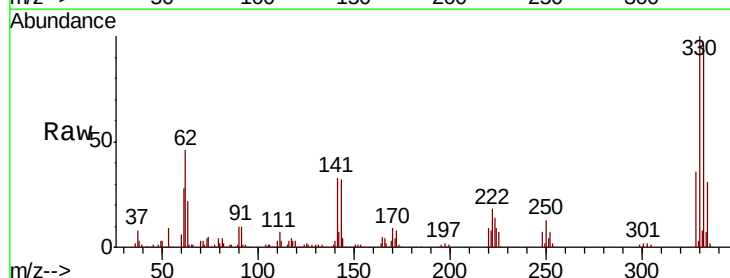
Tgt Ion: 330 Resp: 719040

Ion Ratio Lower Upper

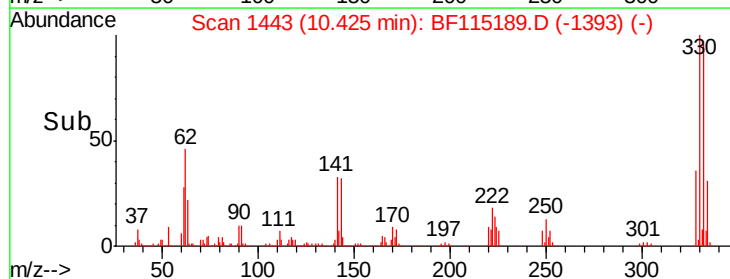
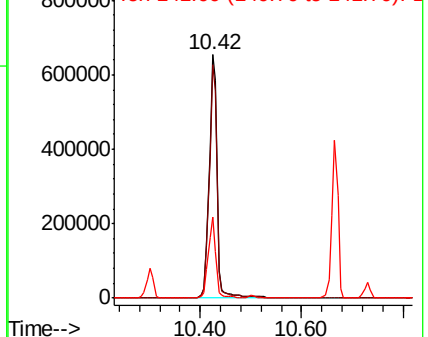
330 100

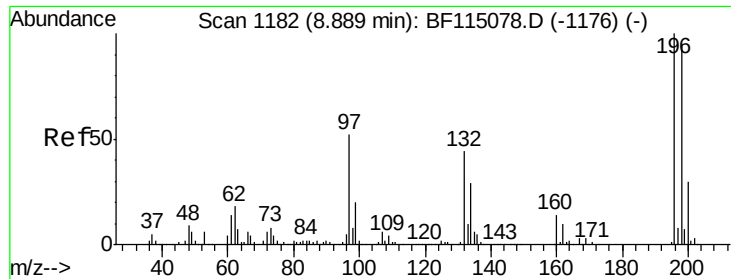
332 95.2 77.3 115.9

141 31.7 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

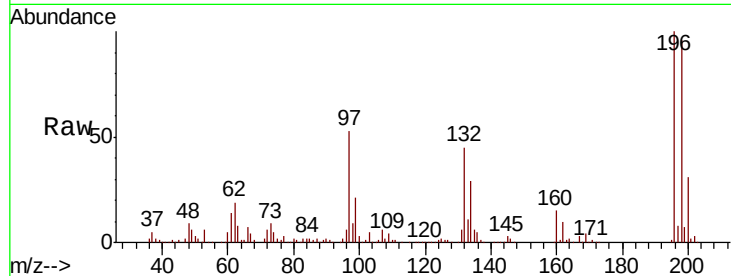




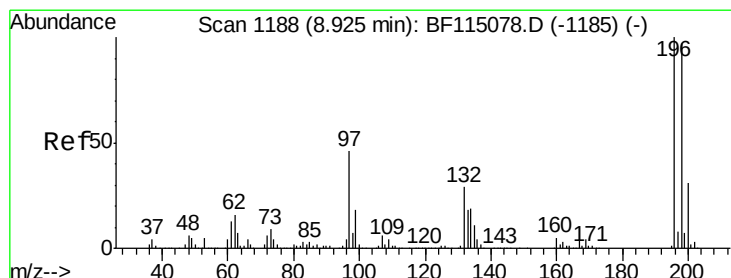
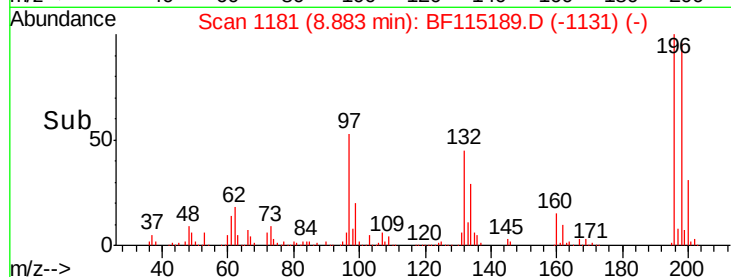
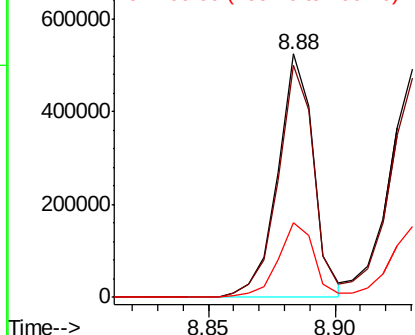
#43
 2,4,6-Trichlorophenol
 Concen: 42.046 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion:196 Resp: 512234
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 30.7 24.2 36.4



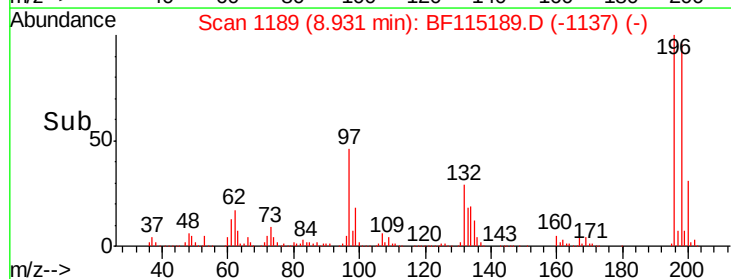
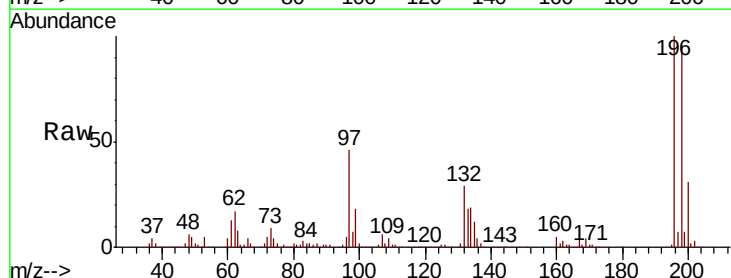
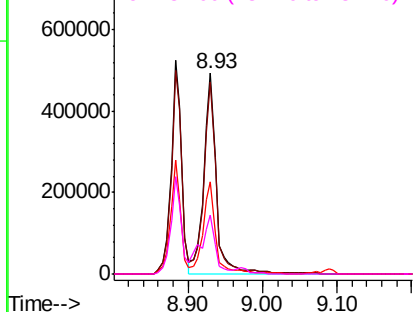
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

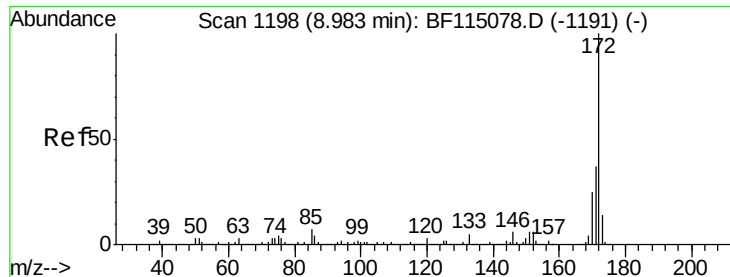


#44
 2,4,5-Trichlorophenol
 Concen: 46.599 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:196 Resp: 584627
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 97 45.9 37.7 56.5
 132 29.1 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

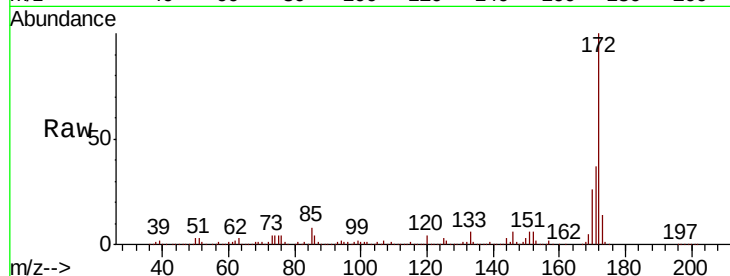




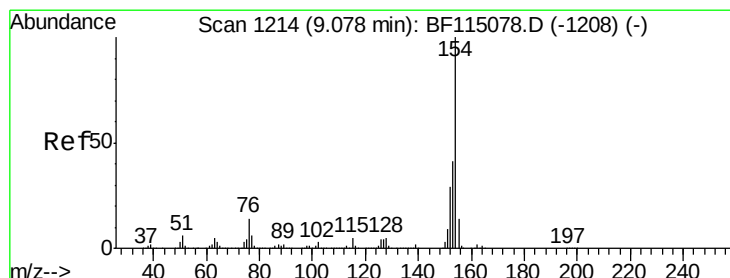
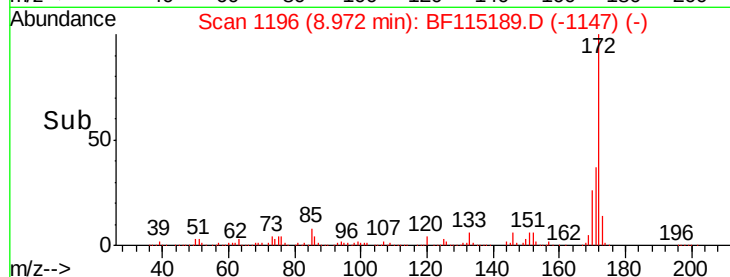
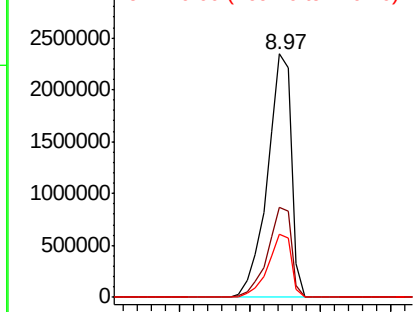
#45
2-Fluorobiphenyl
Concen: 85.006 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:172 Resp: 2794556
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.8 20.3 30.5

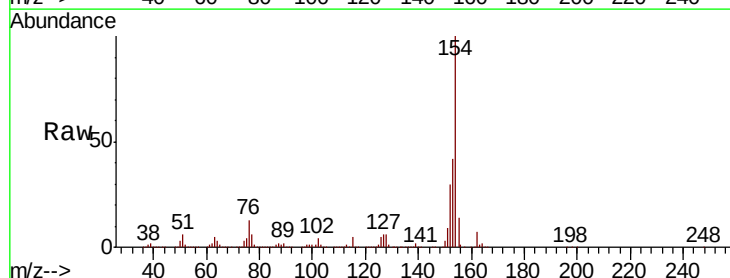


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

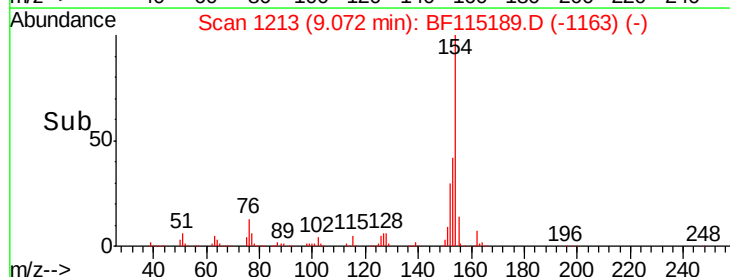
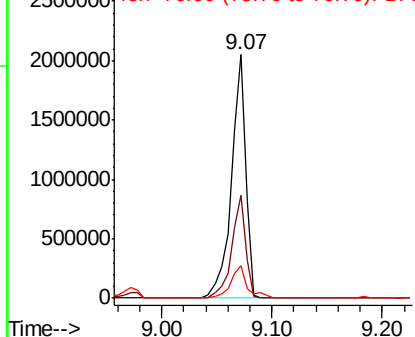


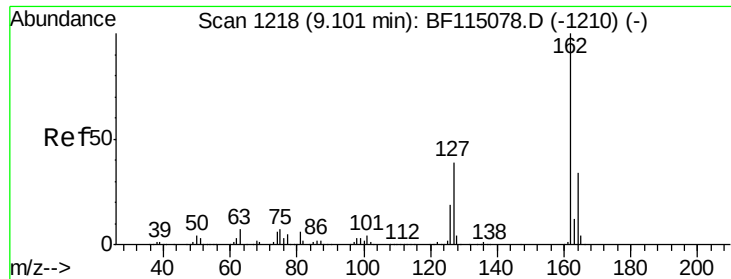
#46
1,1'-Biphenyl
Concen: 41.497 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:154 Resp: 1854155
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 13.4 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

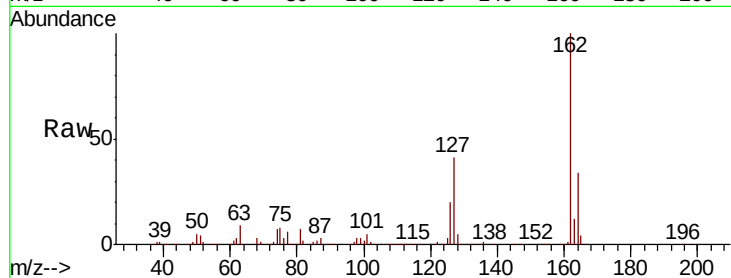




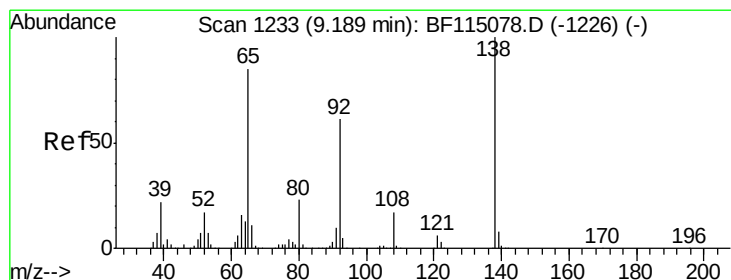
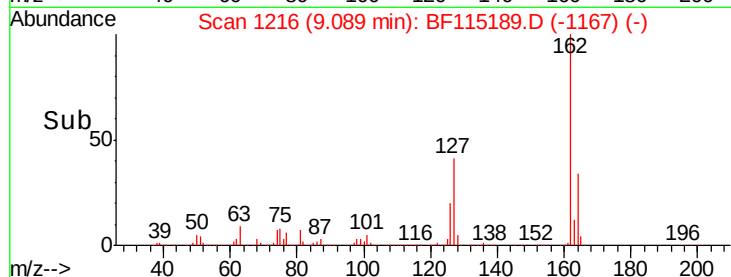
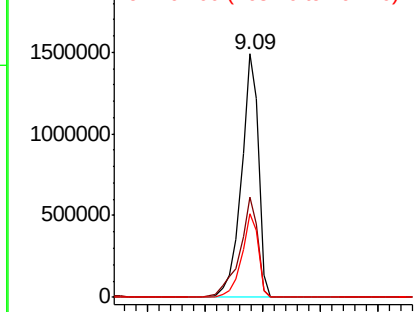
#47
 2-Chloronaphthalene
 Concen: 41.723 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion: 162 Resp: 1512179
 Ion Ratio Lower Upper
 162 100
 127 41.3 30.8 46.2
 164 34.2 27.0 40.4

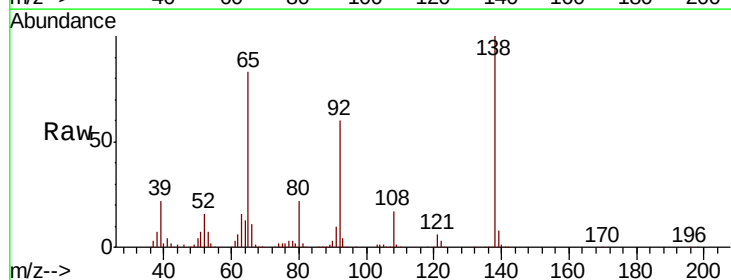


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

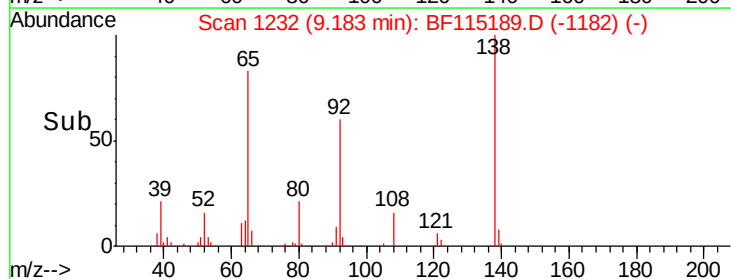
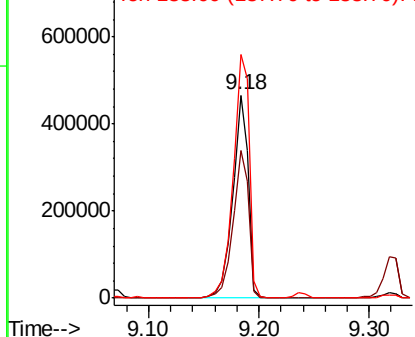


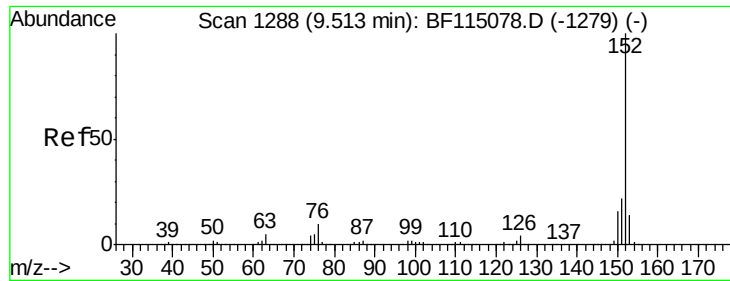
#48
 2-Nitroaniline
 Concen: 43.183 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion: 65 Resp: 456297
 Ion Ratio Lower Upper
 65 100
 92 72.5 57.4 86.2
 138 119.9 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: 41.255 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

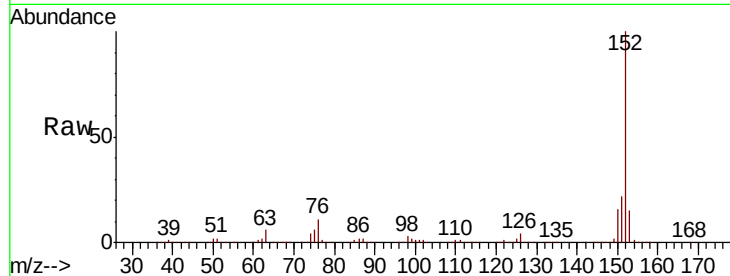
Tgt Ion:152 Resp: 2329625

Ion Ratio Lower Upper

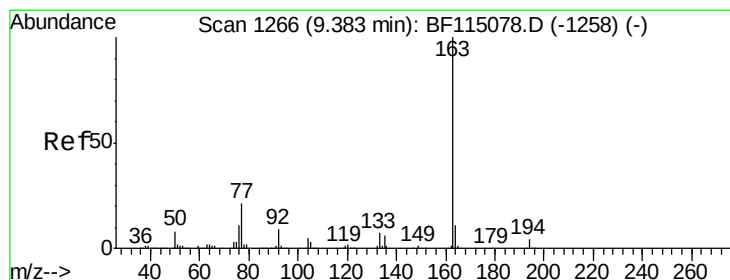
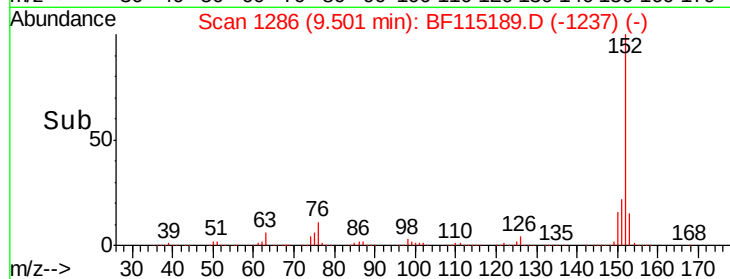
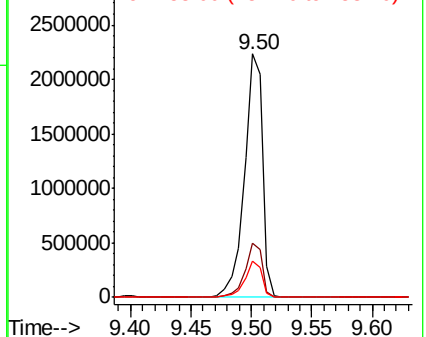
152 100

151 22.1 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: 41.924 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

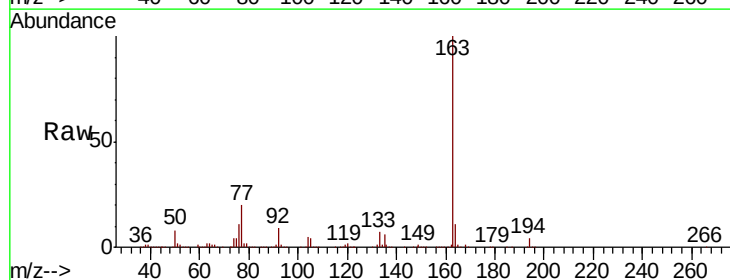
Tgt Ion:163 Resp: 1722398

Ion Ratio Lower Upper

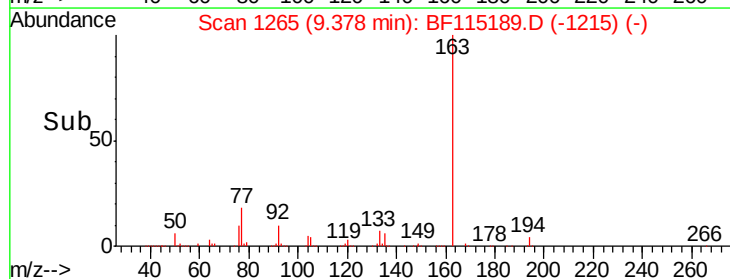
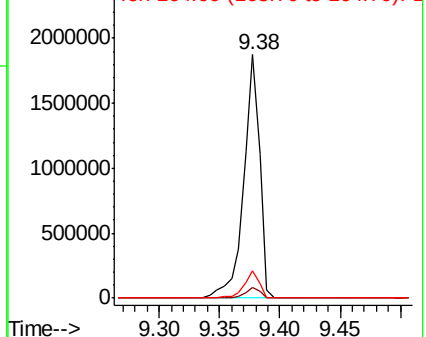
163 100

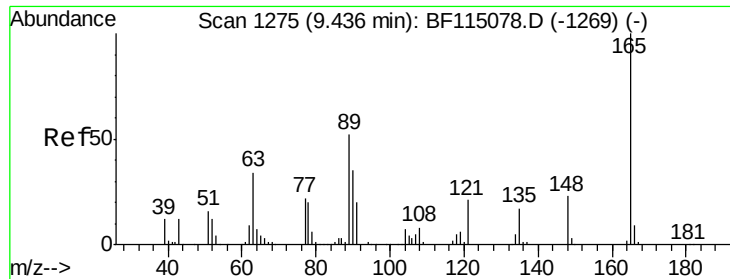
194 4.1 3.2 4.8

164 11.1 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

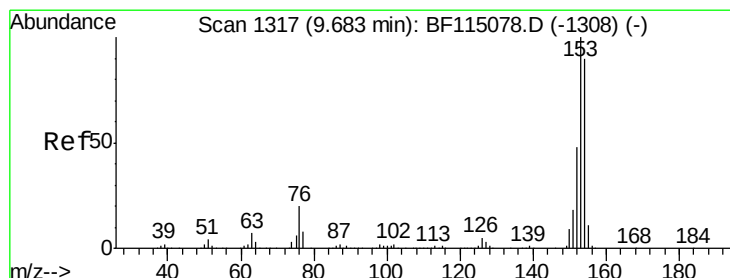
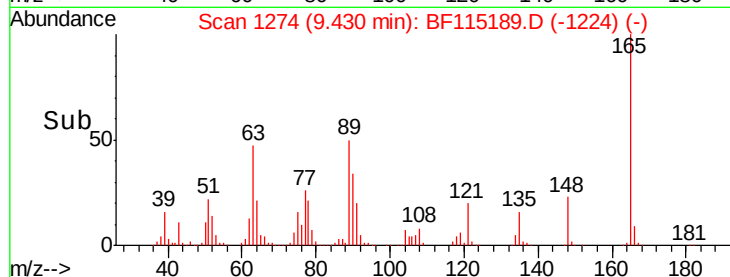
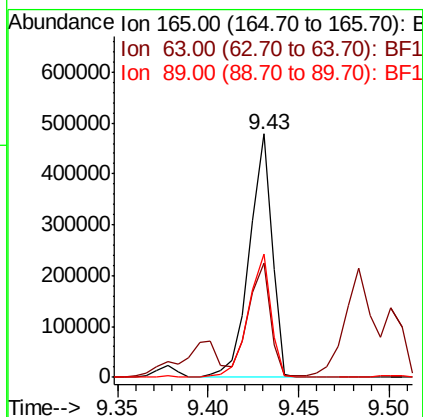
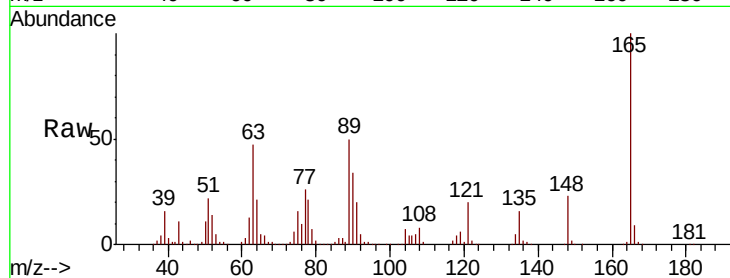




#51
 2,6-Dinitrotoluene
 Concen: 43.912 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

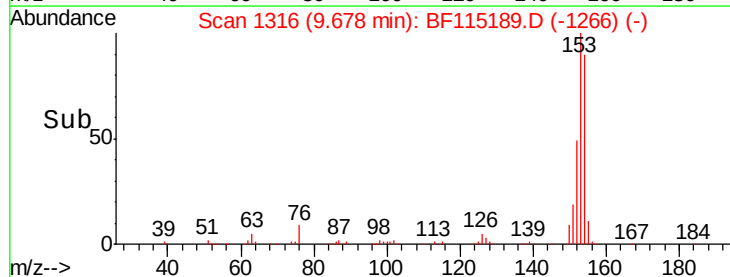
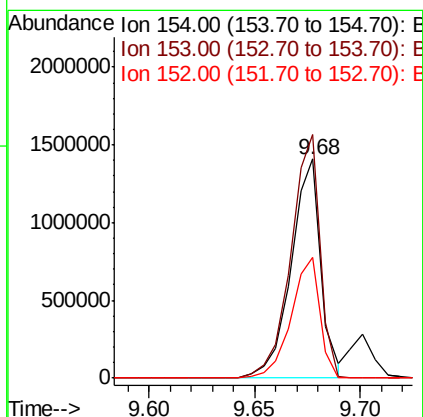
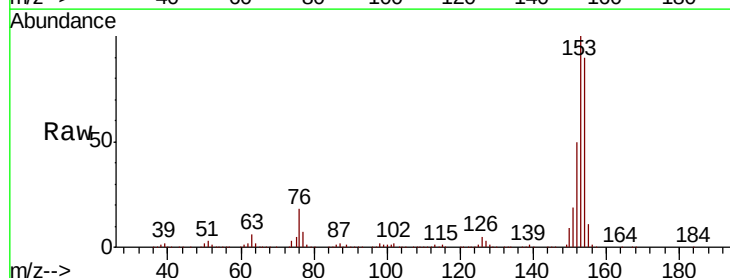
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

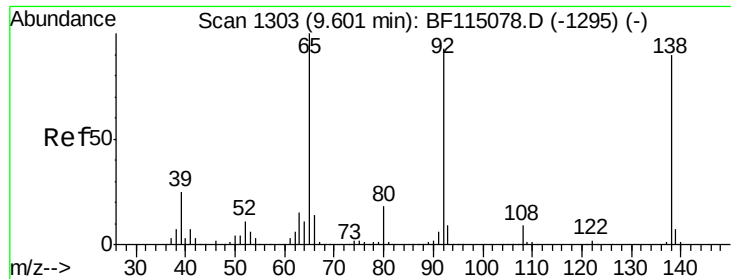
Tgt Ion:165 Resp: 416507
 Ion Ratio Lower Upper
 165 100
 63 47.2 39.4 59.2
 89 50.4 42.0 63.0



#52
 Acenaphthene
 Concen: 39.170 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:154 Resp: 1384068
 Ion Ratio Lower Upper
 154 100
 153 111.3 88.7 133.1
 152 55.3 42.6 64.0

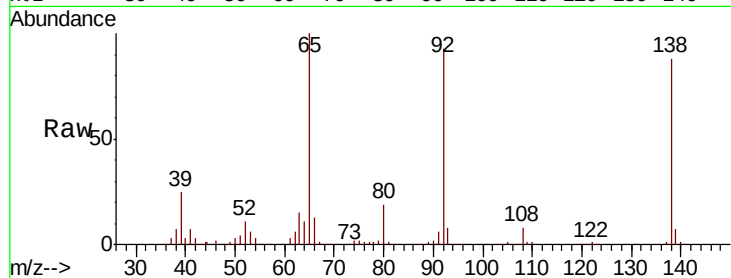




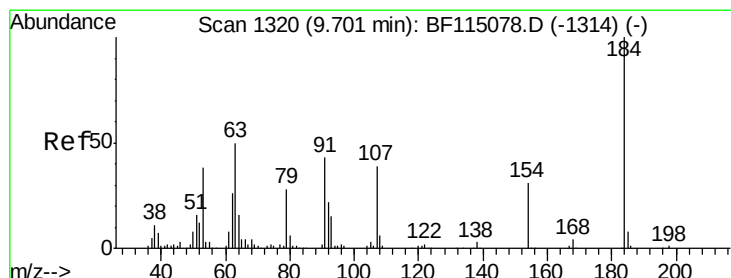
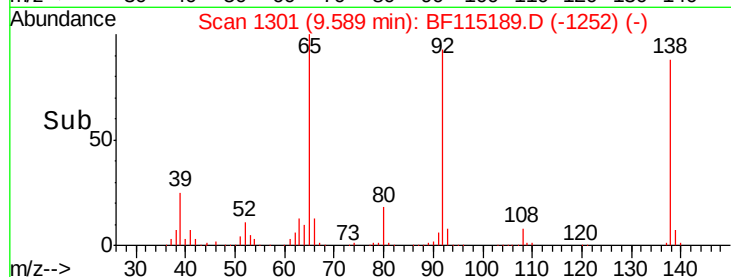
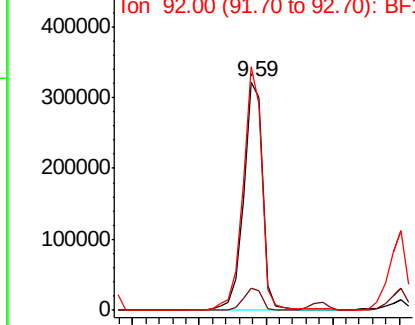
#53
 3-Nitroaniline
 Concen: 27.205 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion:138 Resp: 314897
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 106.6 82.9 124.3

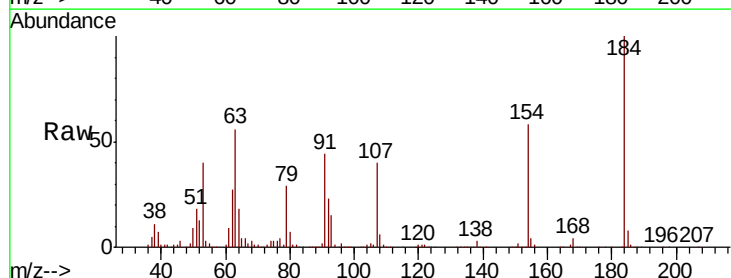


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

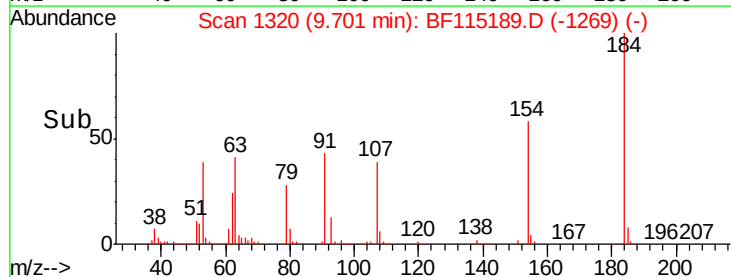
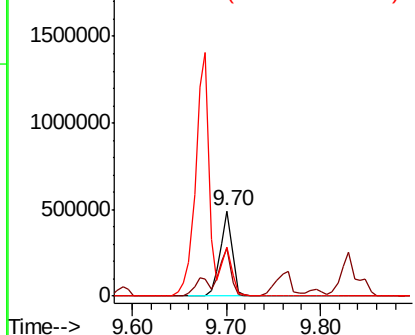


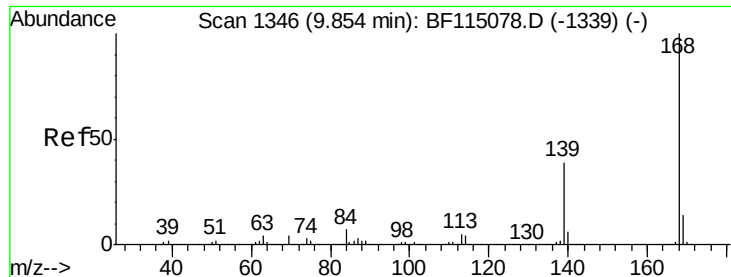
#54
 2,4-Dinitrophenol
 Concen: 90.572 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:184 Resp: 447268
 Ion Ratio Lower Upper
 184 100
 63 56.0 41.9 62.9
 154 58.1 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

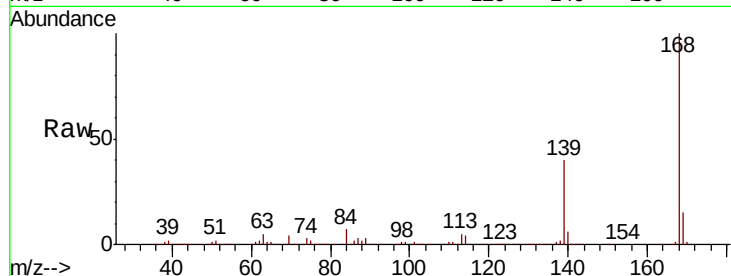




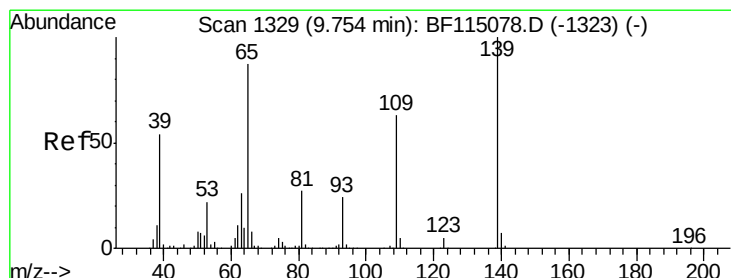
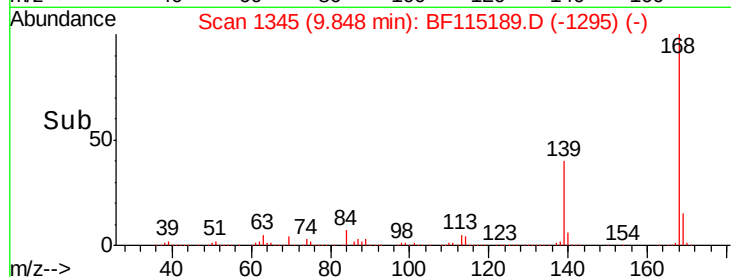
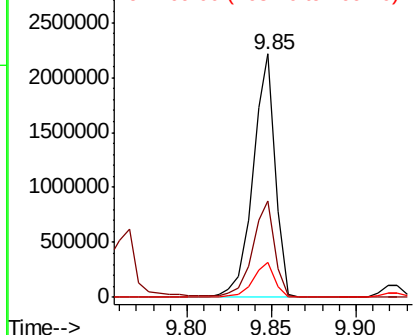
#55
Dibenzofuran
Concen: 40.121 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:168 Resp: 2034775
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 14.5 11.3 16.9

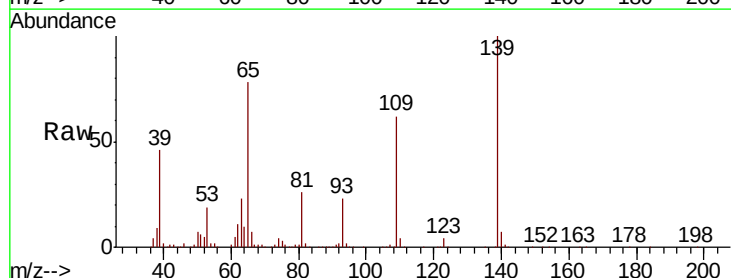


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

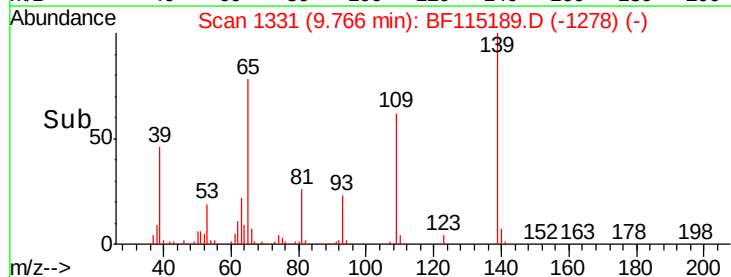
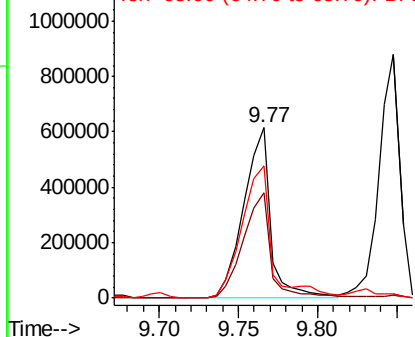


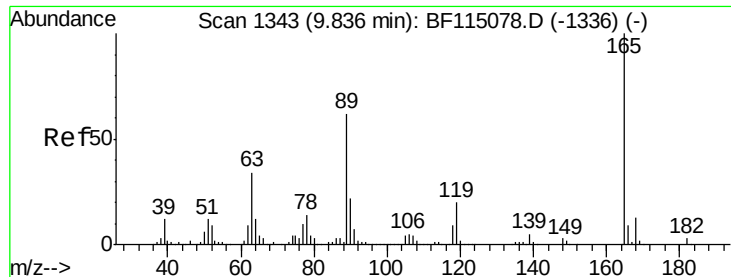
#56
4-Nitrophenol
Concen: 78.460 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:139 Resp: 728070
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 77.8 67.0 107.0



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

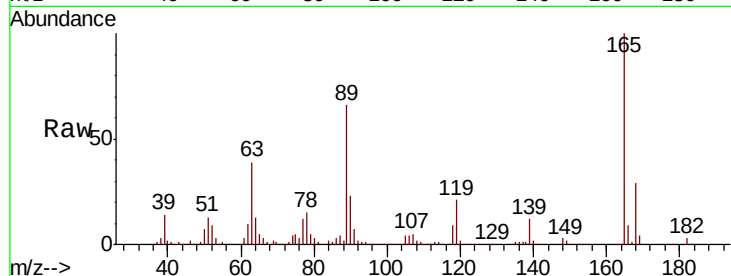




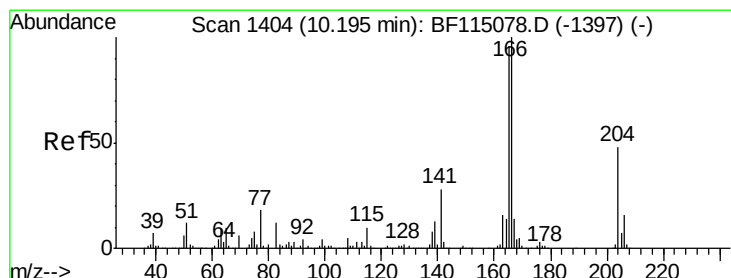
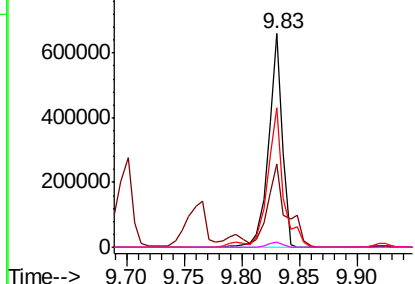
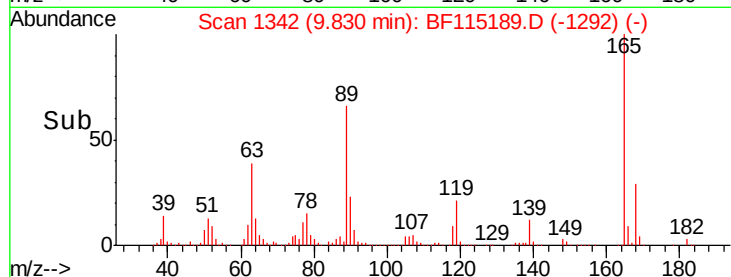
#57
2,4-Dinitrotoluene
Concen: 45.097 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:	165	Resp:	552313
Ion	Ratio	Lower	Upper
165	100		
63	38.9	27.5	41.3
89	65.5	49.9	74.9
182	2.6	2.1	3.1

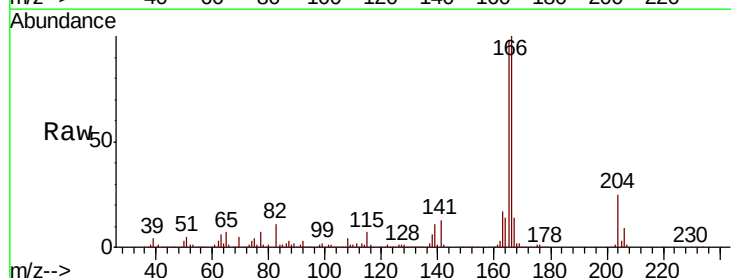


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

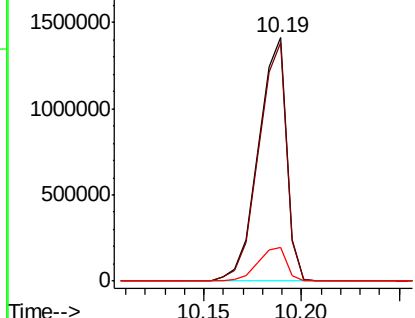
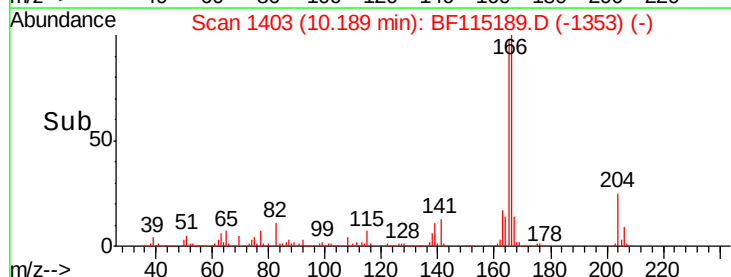


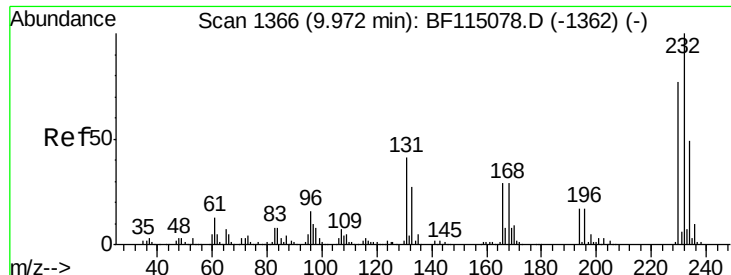
#58
Fluorene
Concen: 41.034 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:	166	Resp:	1405146
Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.5	114.7
167	13.8	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

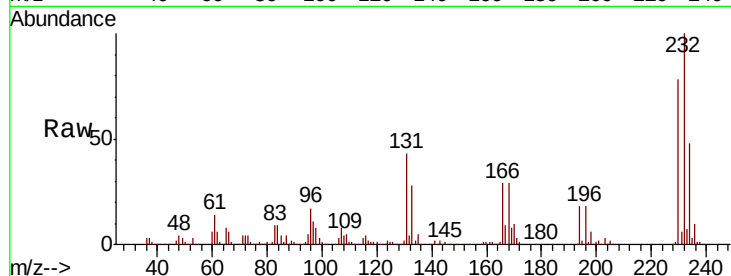




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.086 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.4	56.0
130	2.0	1.8	2.6
166	29.5	24.6	36.8



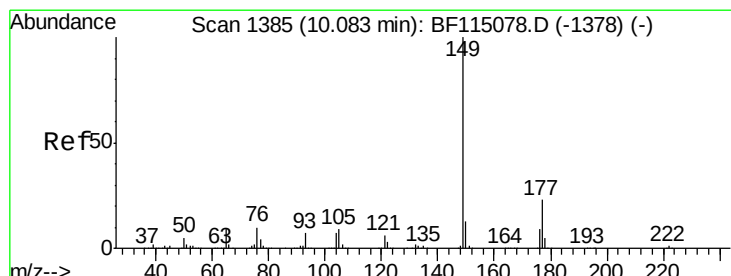
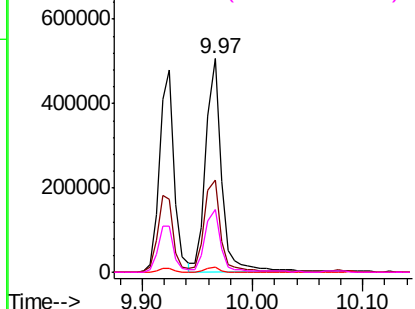
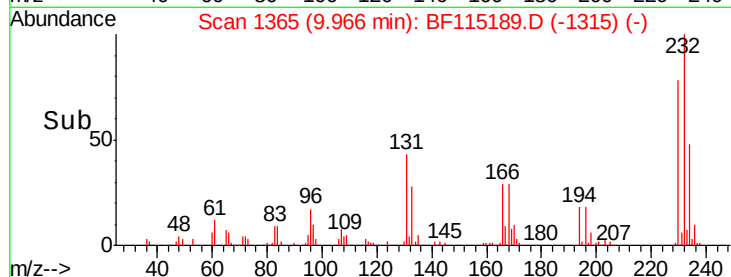
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

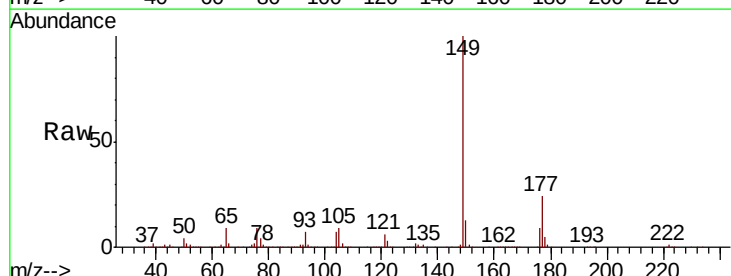
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.198 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.1	10.4	15.6

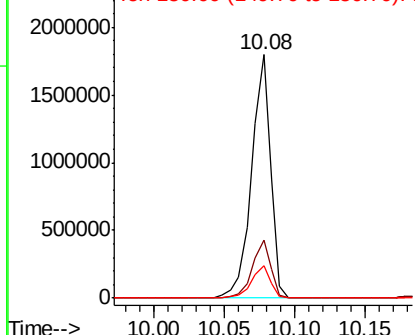
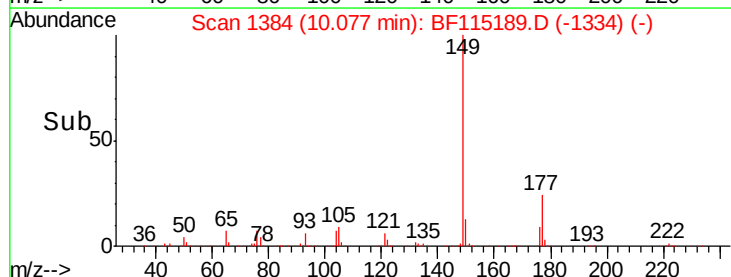


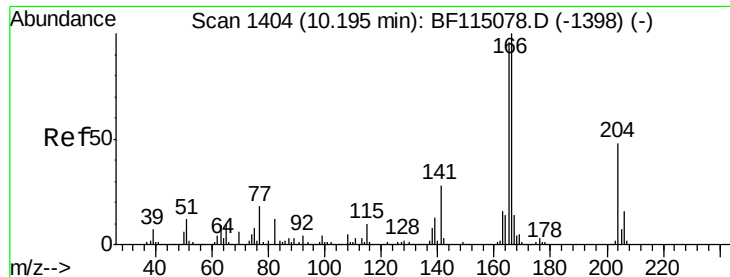
Abundance

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

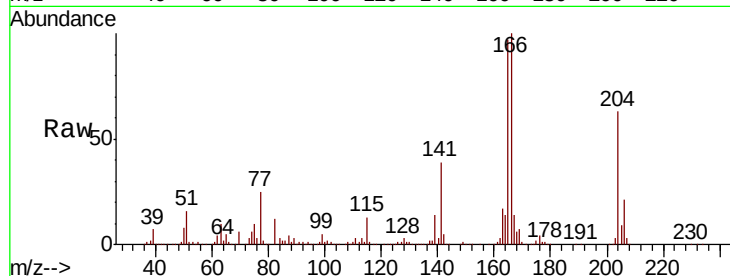




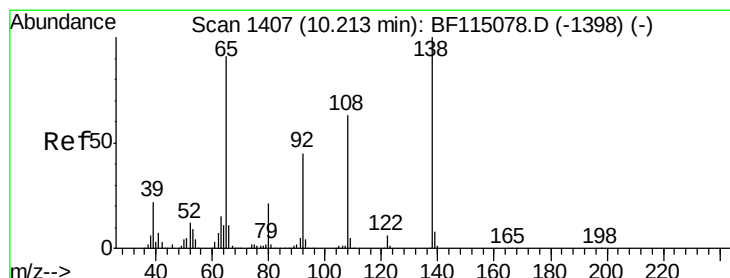
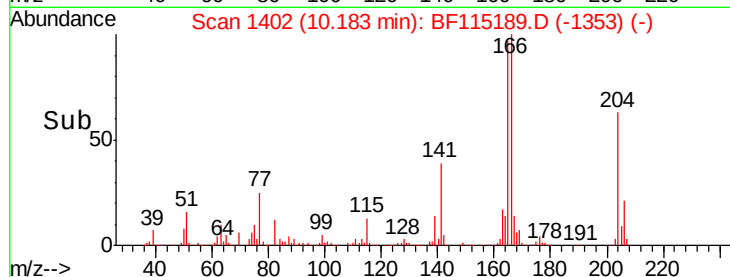
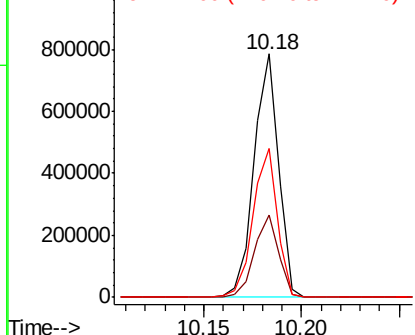
#61
4-Chlorophenyl-phenylether
Concen: 42.162 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:204 Resp: 683418
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 61.3 46.7 70.1

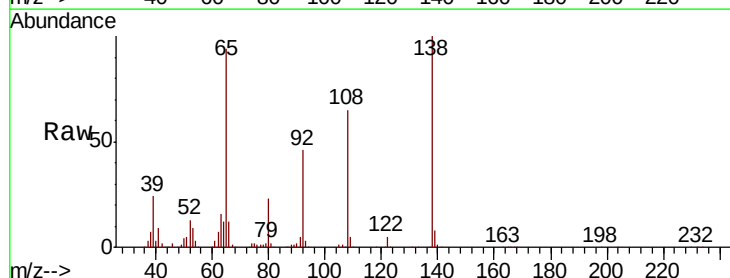


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

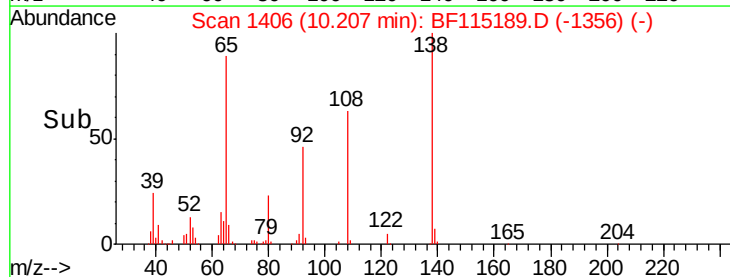
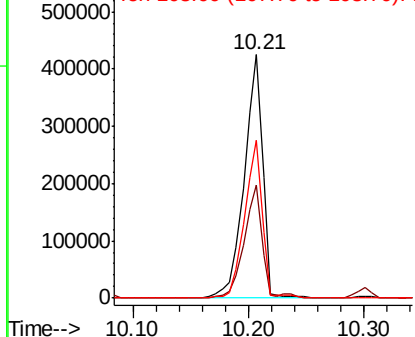


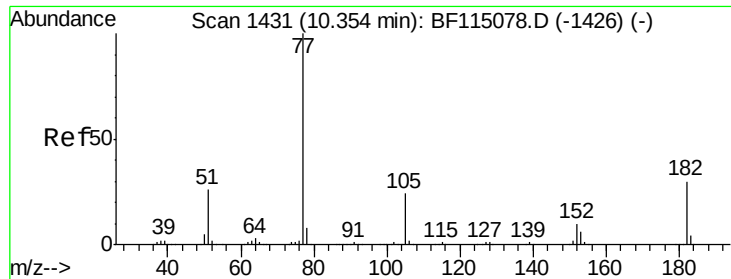
#62
4-Nitroaniline
Concen: 40.276 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:138 Resp: 467680
Ion Ratio Lower Upper
138 100
92 46.4 24.8 64.8
108 65.1 43.3 83.3



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





#63

Azobenzene

Concen: 40.672 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

Tgt Ion: 77 Resp: 1568880

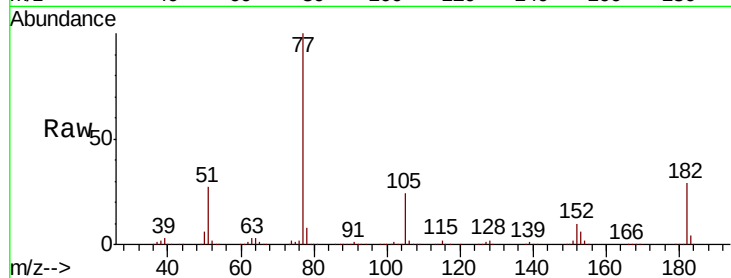
Ion Ratio Lower Upper

77 100

182 29.5 10.1 50.1

105 24.5 4.5 44.5

51 27.4 6.4 46.4

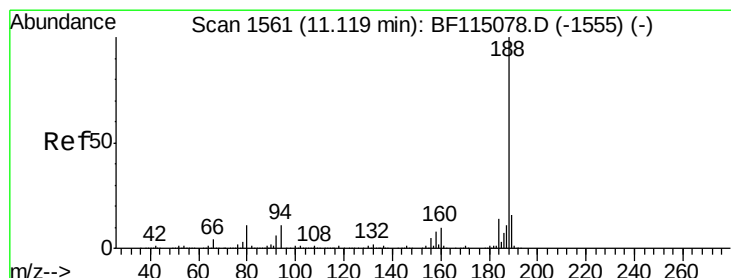
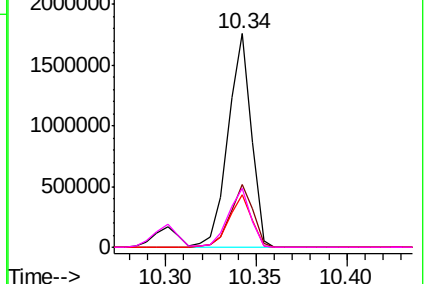
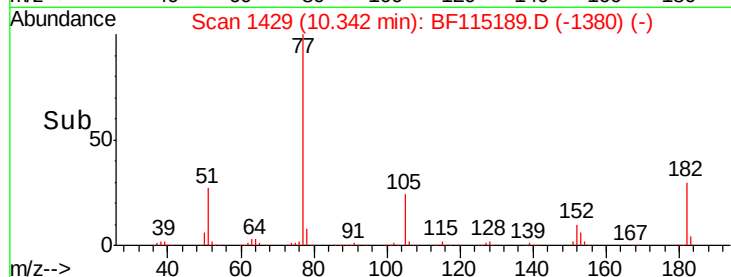


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

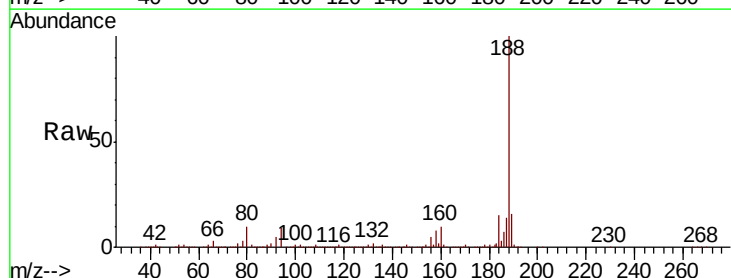
Tgt Ion: 188 Resp: 1079843

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

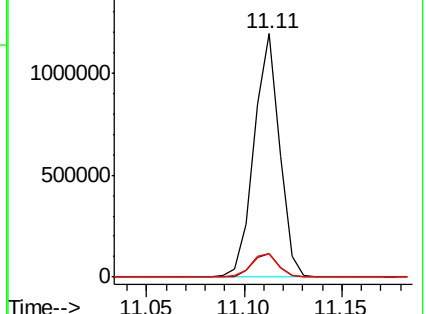
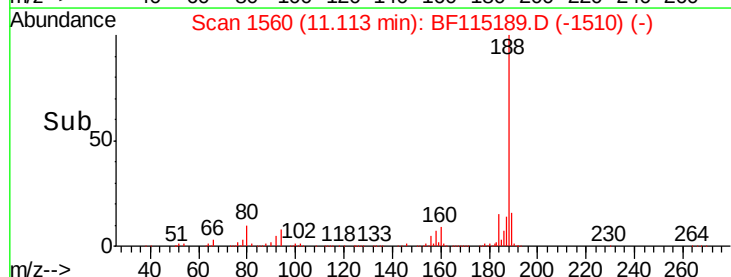
80 9.9 8.8 13.2

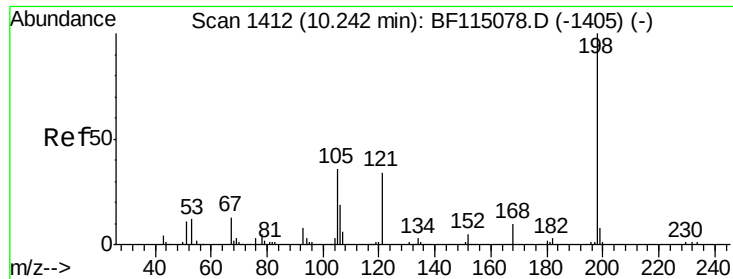


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

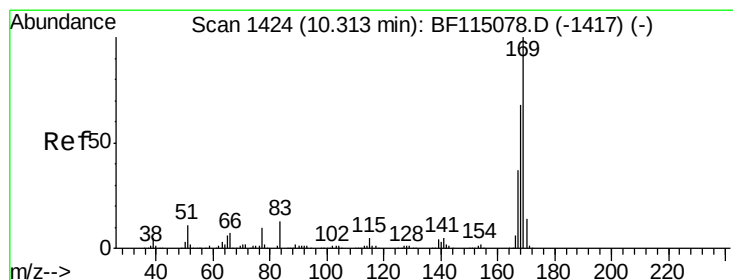
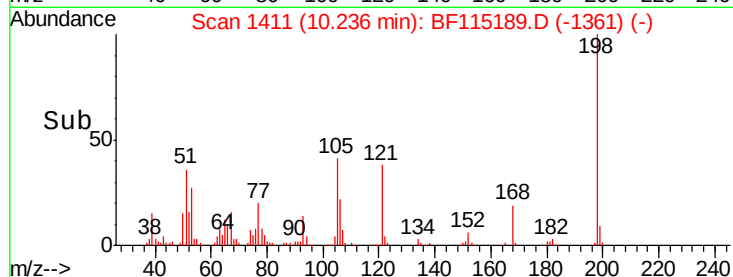
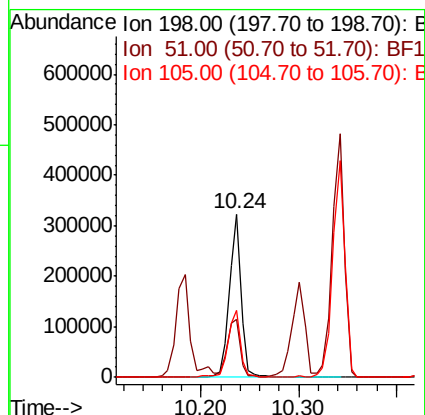
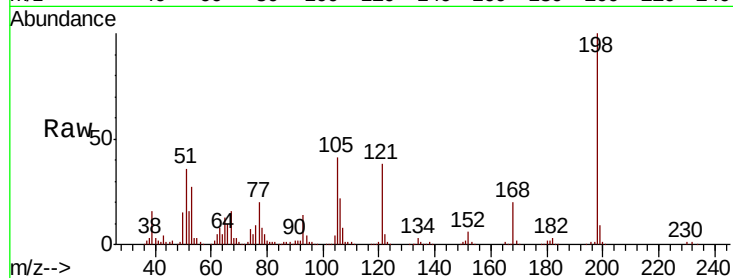




#65
4,6-Dinitro-2-methylphenol
Concen: 47.153 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

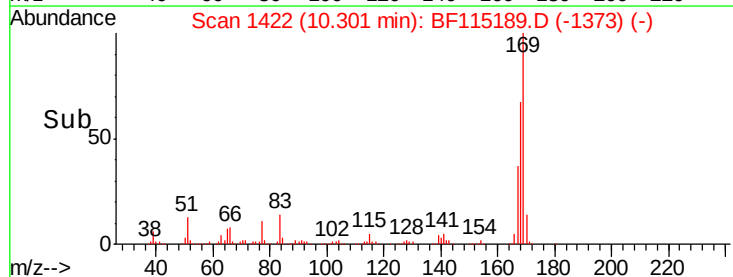
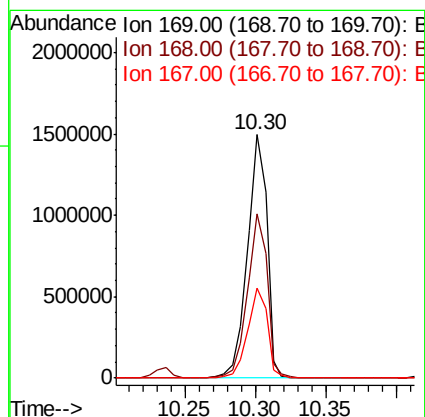
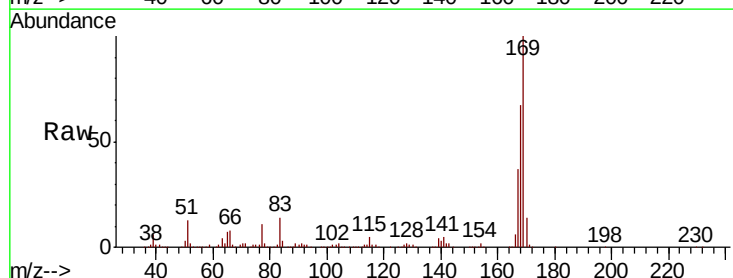
Instrument :
BNA_F
ClientSampleId :
PB120652BS

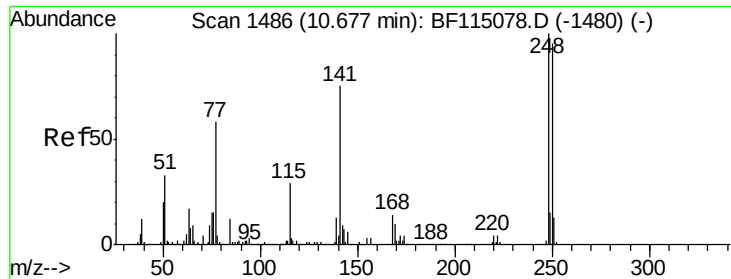
Tgt Ion:198 Resp: 270366
Ion Ratio Lower Upper
198 100
51 35.8 11.0 51.0
105 40.9 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 42.991 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:169 Resp: 1446314
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 37.1 29.4 44.0

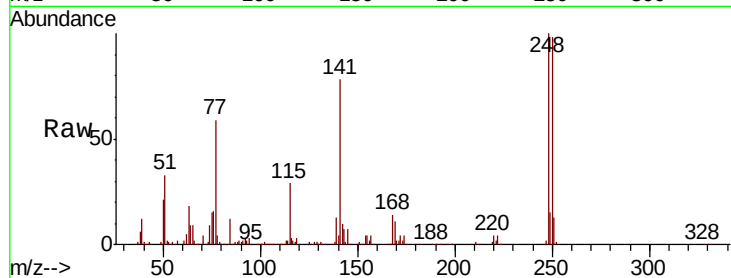




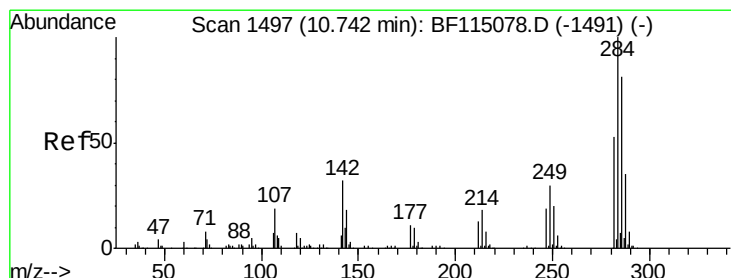
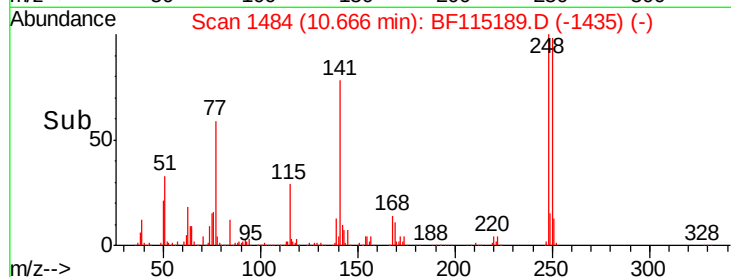
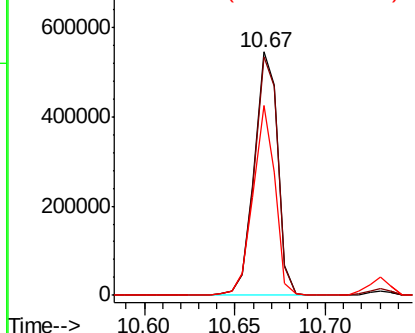
#67
4-Bromophenyl-phenylether
Concen: 42.012 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.2
141	78.0	59.6	89.4

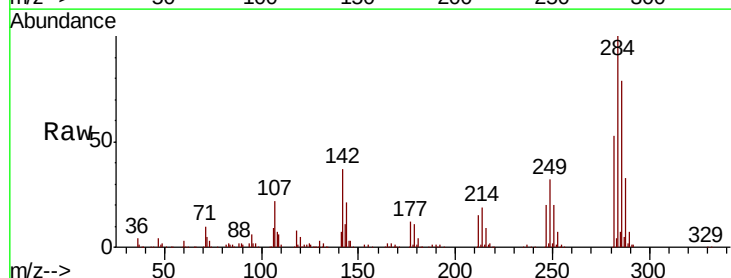


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

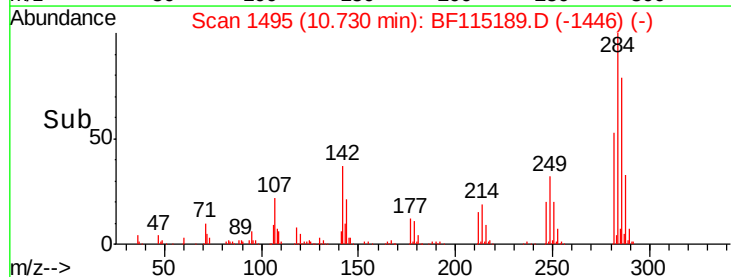
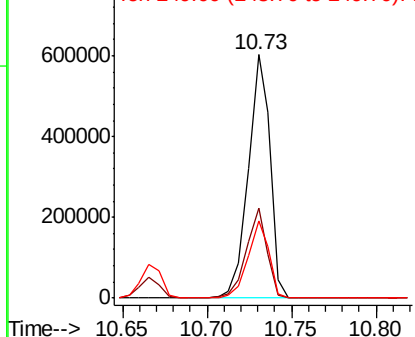


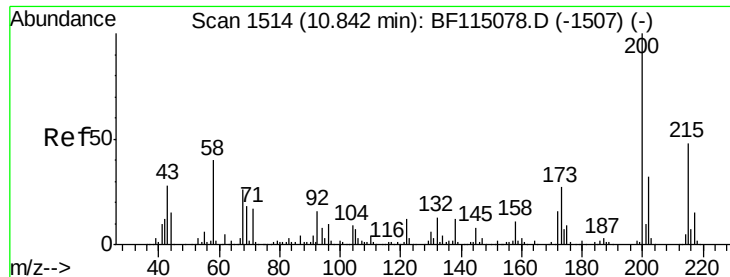
#68
Hexachlorobenzene
Concen: 43.004 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	25.8	38.8
249	31.7	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

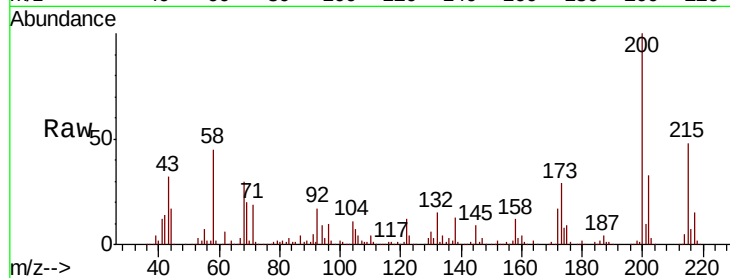




#69
 Atrazine
 Concen: 42.963 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.4	47.4
215	48.1	27.8	67.8

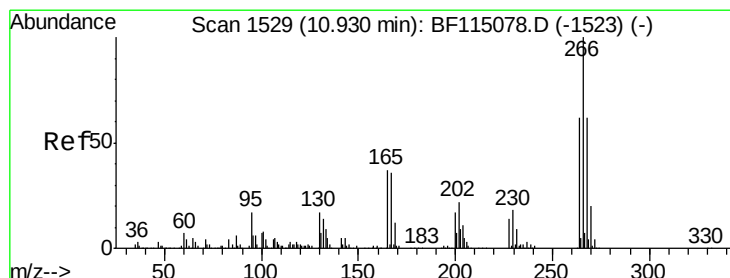
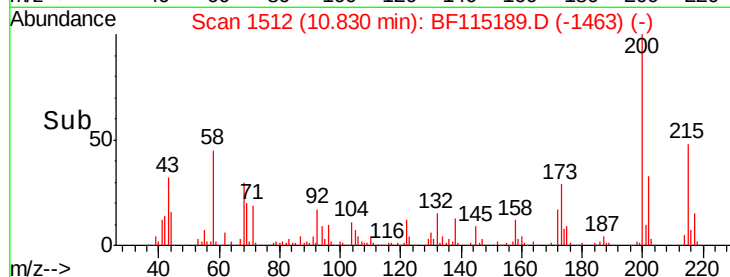
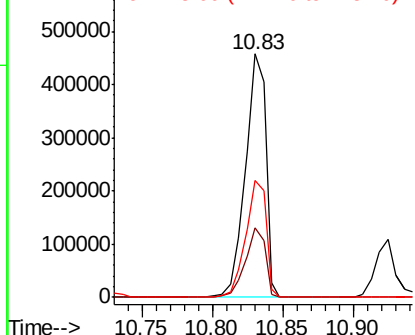


Abundance

Ion 200.00 (199.70 to 200.70): E

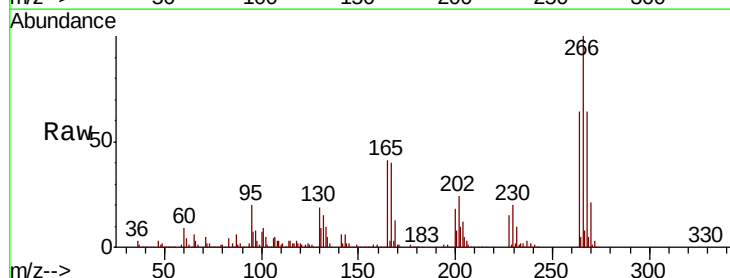
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 84.397 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.5	74.3
264	63.8	49.3	73.9

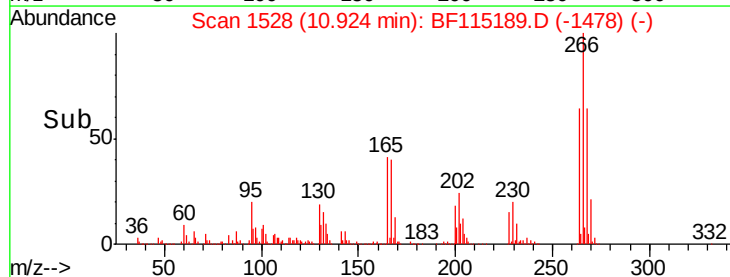
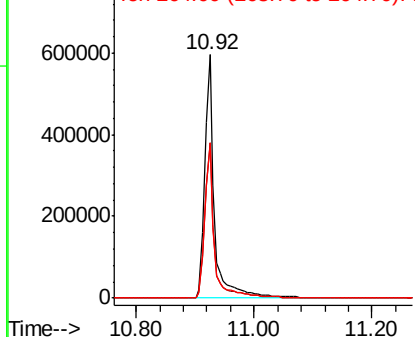


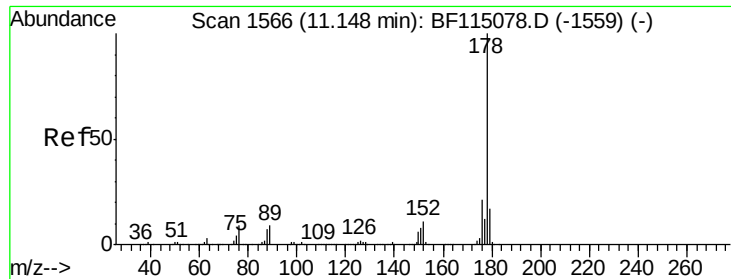
Abundance

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

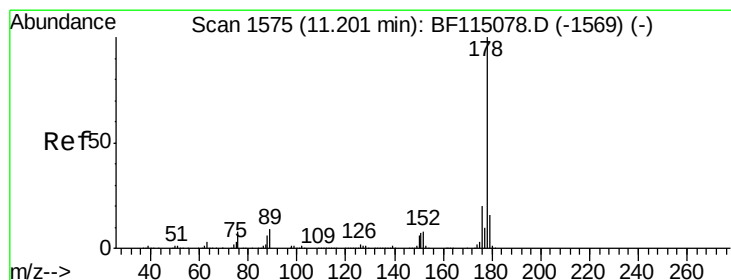
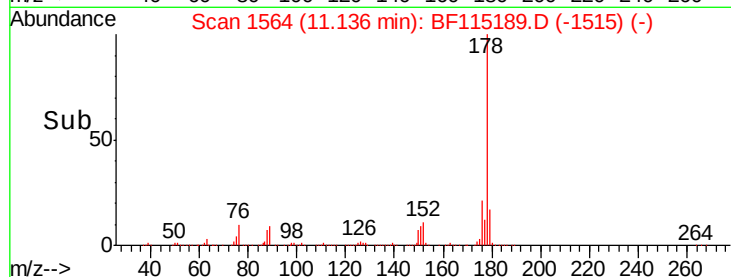
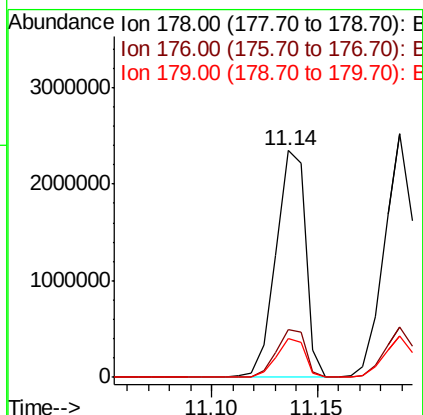
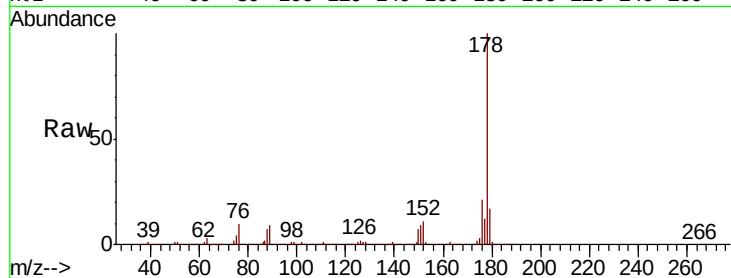




#71
Phenanthrene
Concen: 39.705 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

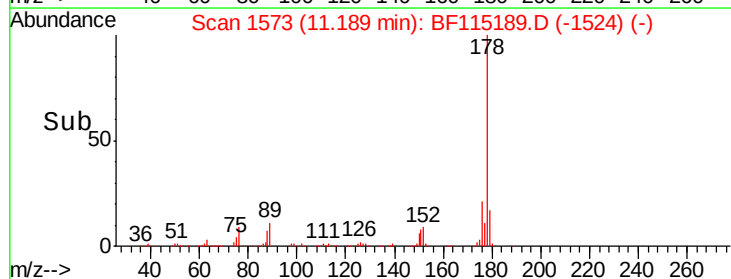
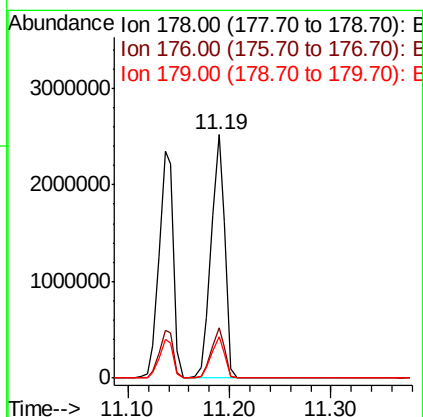
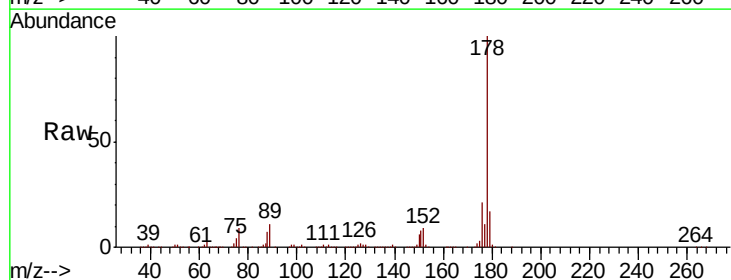
Instrument :
BNA_F
ClientSampleId :
PB120652BS

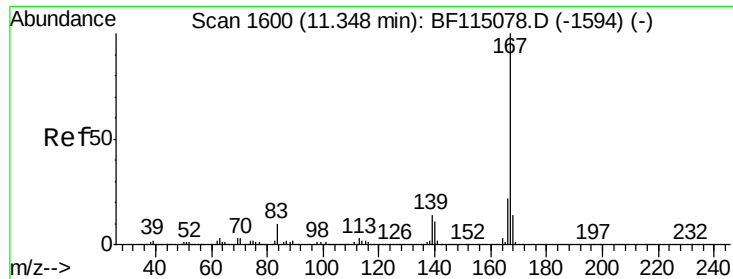
Tgt Ion:178 Resp: 2308447
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.9 13.2 19.8



#72
Anthracene
Concen: 40.347 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:178 Resp: 2367926
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.2 12.9 19.3

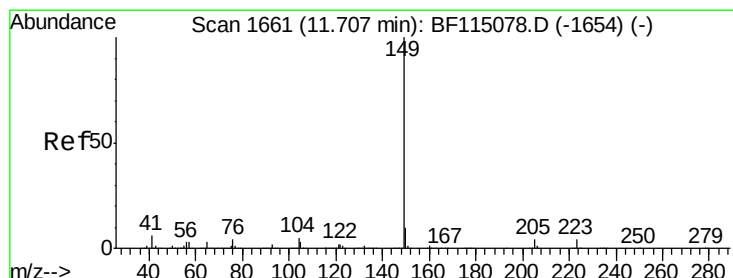
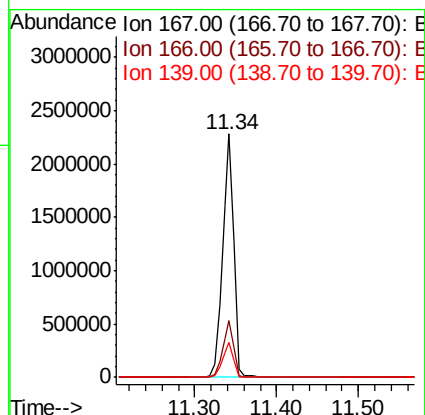
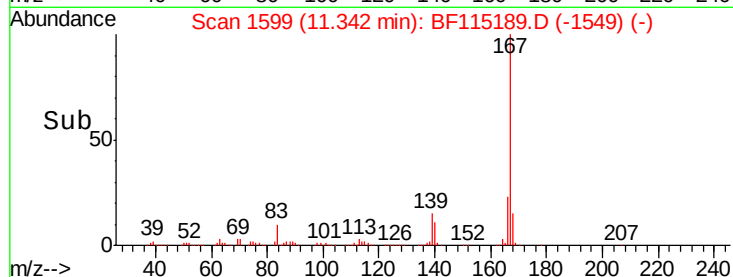
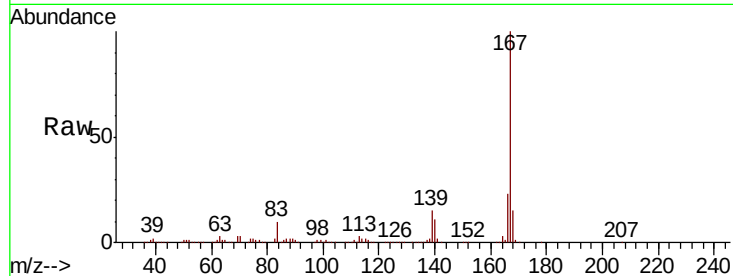




#73
 Carbazole
 Concen: 41.443 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

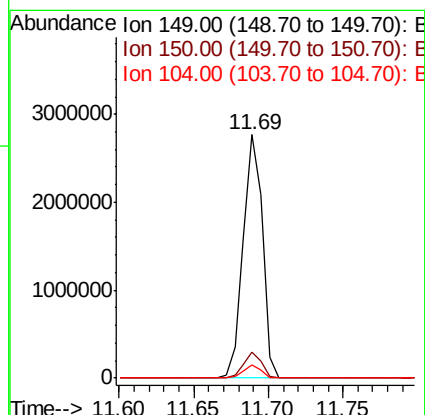
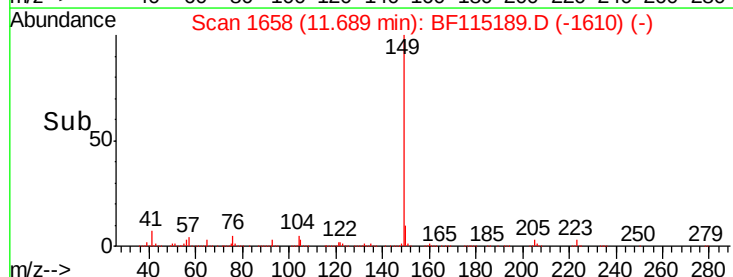
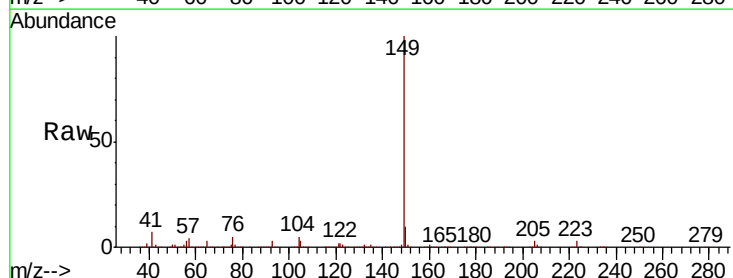
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

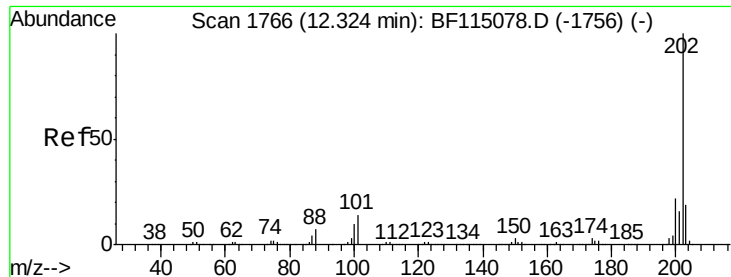
Tgt Ion:167 Resp: 2171906
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 14.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.089 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:149 Resp: 2488336
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.8 11.8
 104 5.2 3.7 5.5

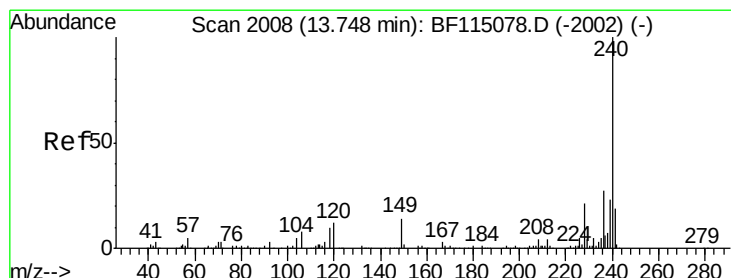
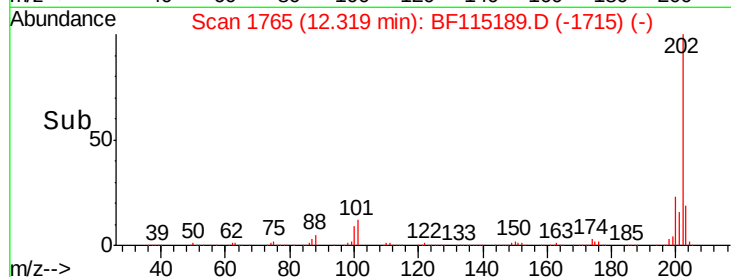
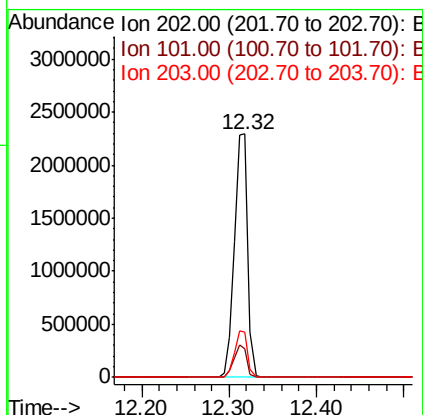
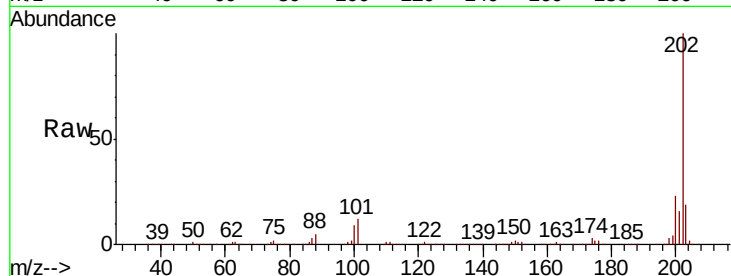




#75
 Fluoranthene
 Concen: 41.196 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

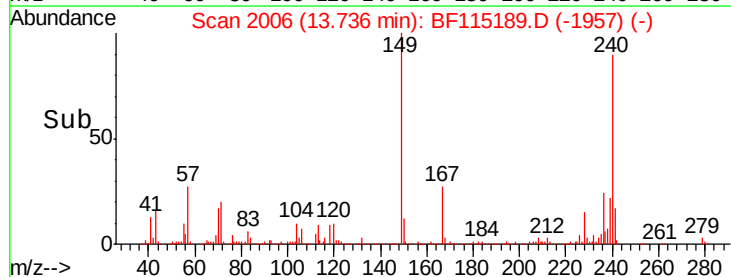
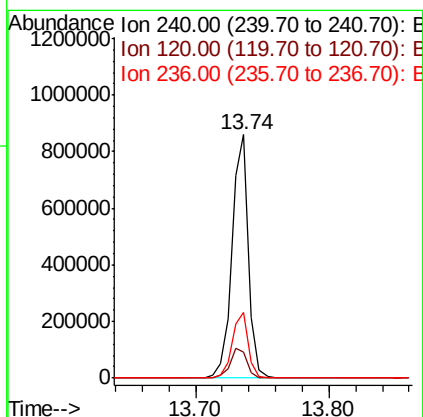
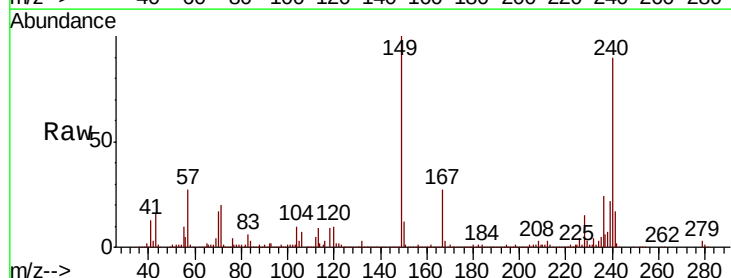
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

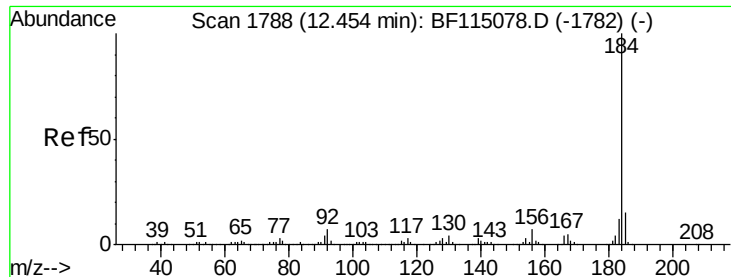
Tgt Ion: 202 Resp: 2389729
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 34.0
 203 18.8 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion: 240 Resp: 739785
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.4 14.2
 236 27.2 21.7 32.5





#77

Benzidine

Concen: 24.639 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

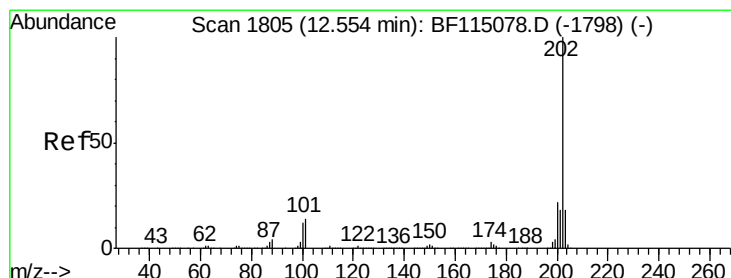
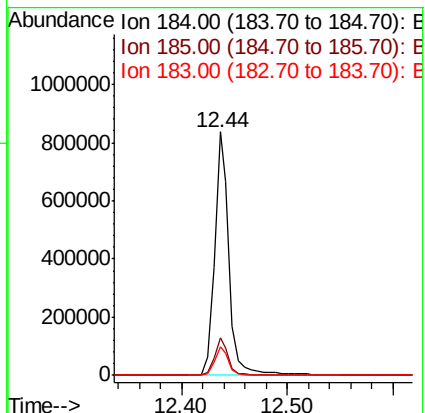
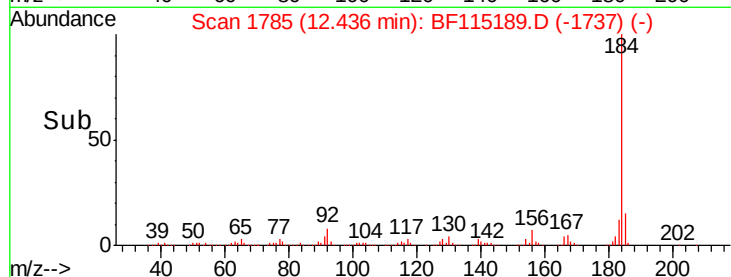
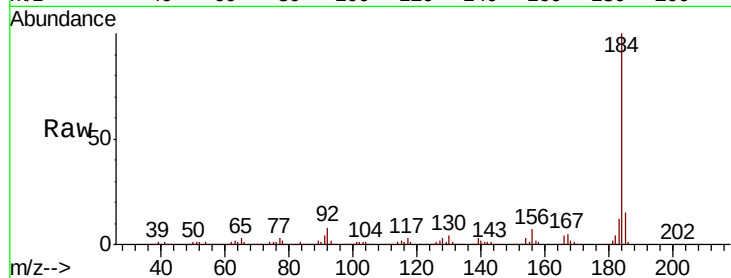
Tgt Ion:184 Resp: 809388

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

183 11.8 9.6 14.4



#78

Pyrene

Concen: 42.711 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

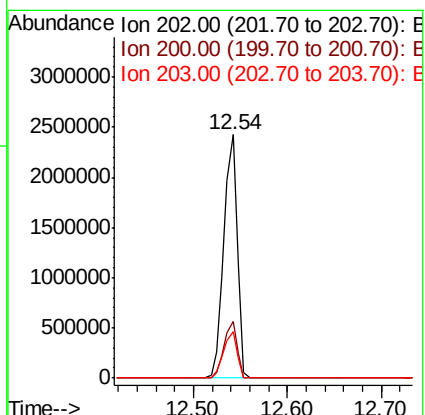
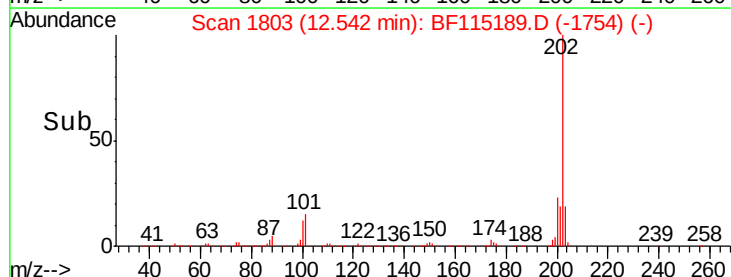
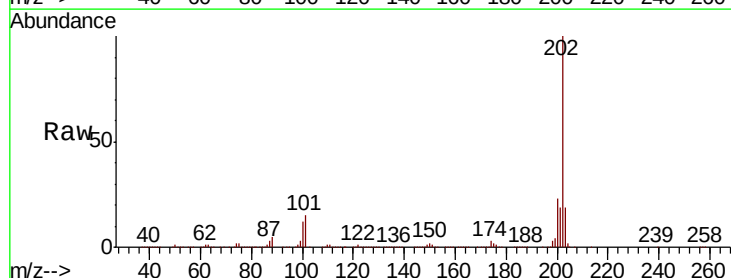
Tgt Ion:202 Resp: 2428234

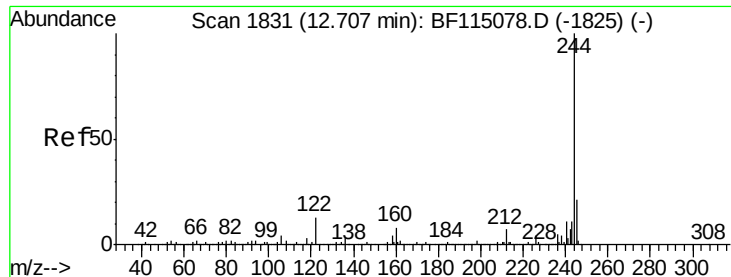
Ion Ratio Lower Upper

202 100

200 23.2 17.9 26.9

203 19.0 14.6 21.8

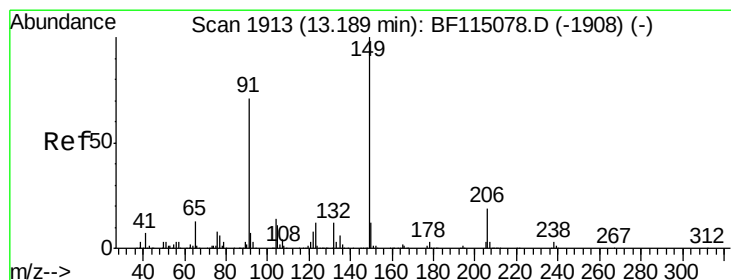
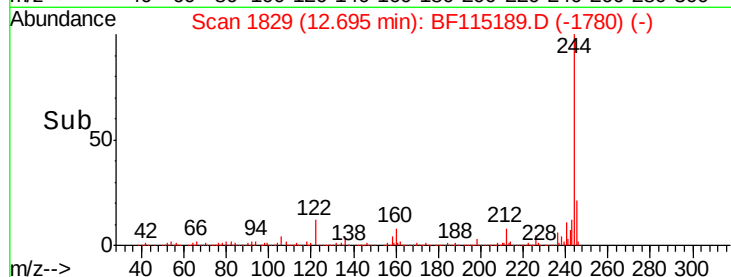
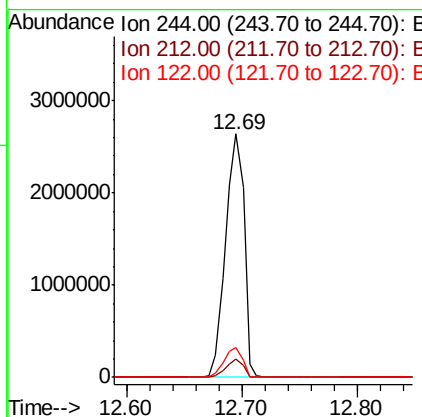
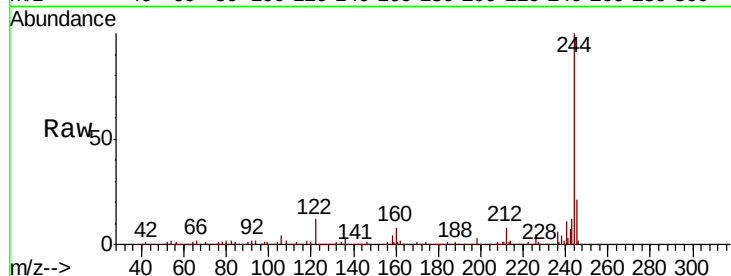




#79
 Terphenyl-d14
 Concen: 84.364 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

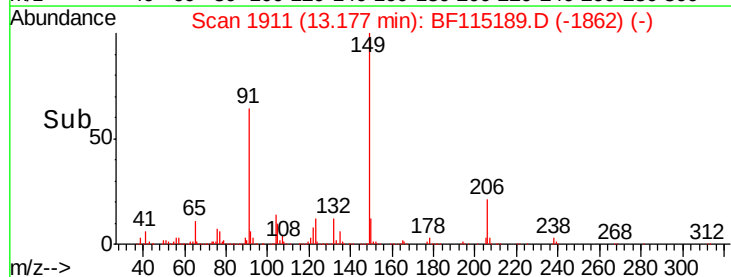
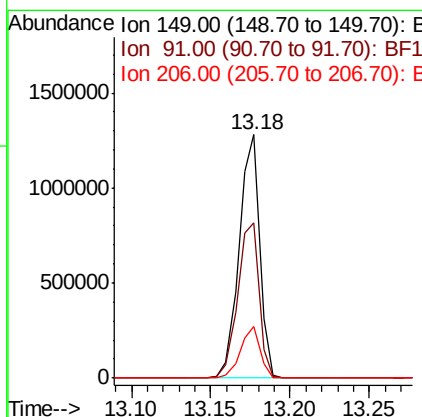
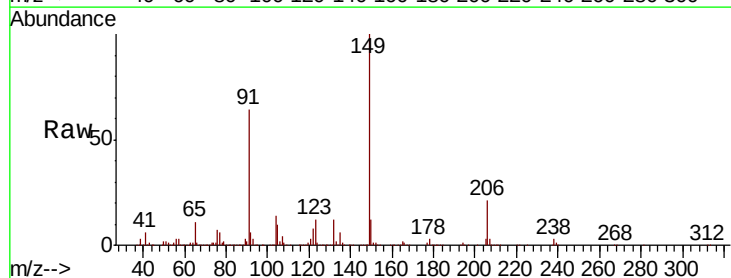
Instrument :
 BNA_F
 ClientSampleId :
 PB120652BS

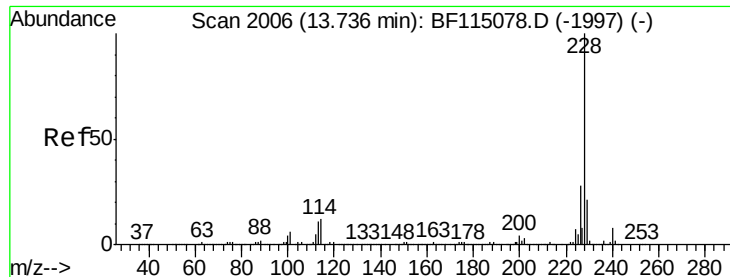
Tgt Ion:244 Resp: 2935388
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 12.2 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 45.585 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115189.D
 Acq: 25 Jun 2019 16:01

Tgt Ion:149 Resp: 1143710
 Ion Ratio Lower Upper
 149 100
 91 63.6 56.5 84.7
 206 21.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.258 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

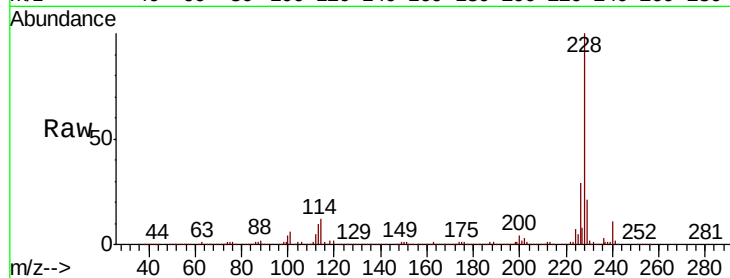
Tgt Ion:228 Resp: 2243143

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

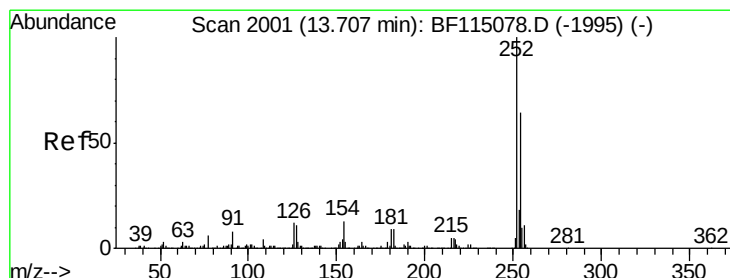
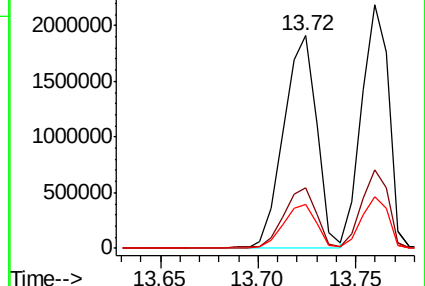
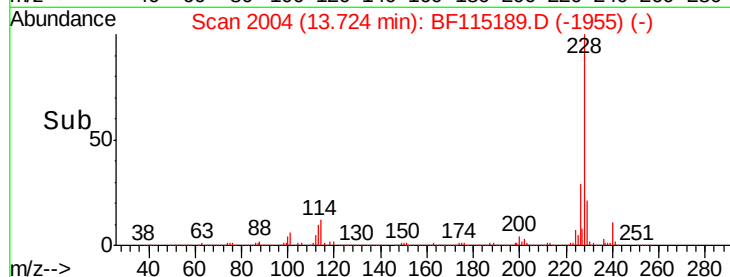
229 21.0 16.6 24.8



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: 36.639 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

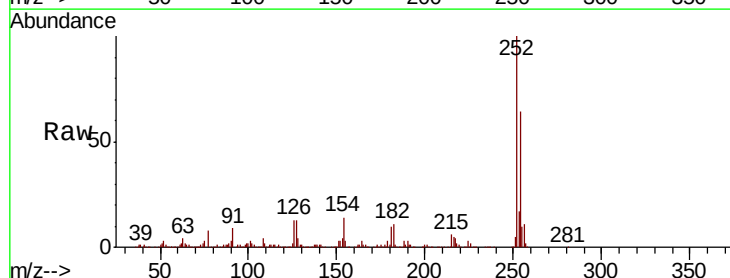
Tgt Ion:252 Resp: 702325

Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

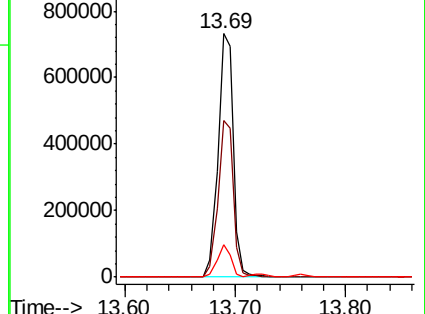
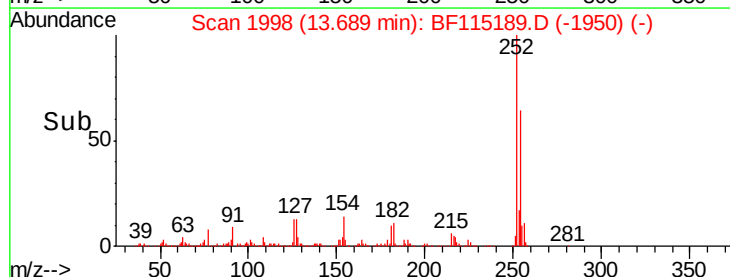
126 13.3 9.4 14.0

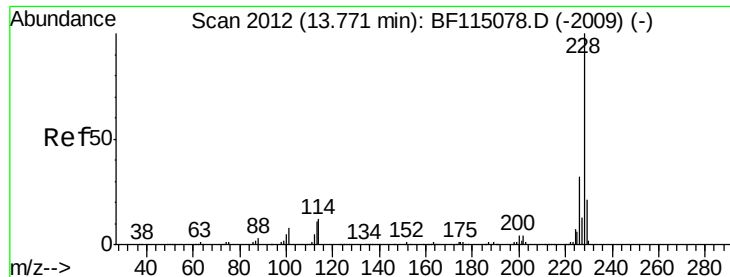


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.527 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

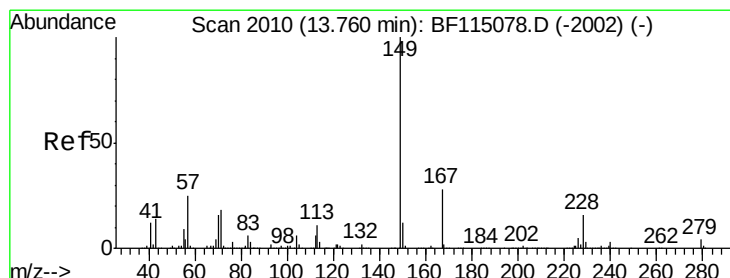
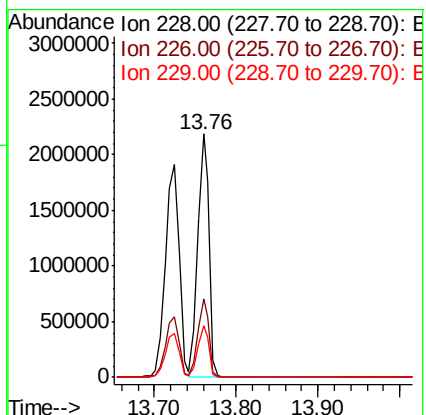
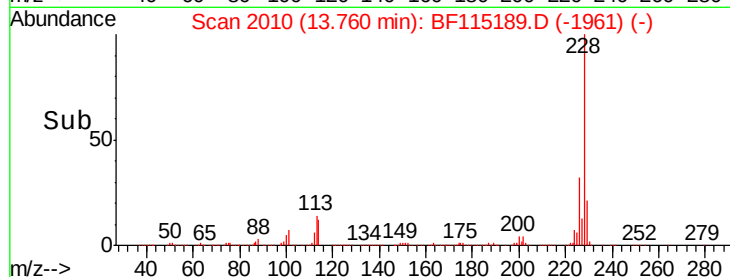
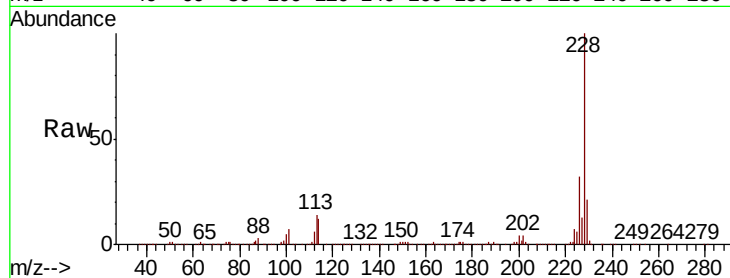
Tgt Ion:228 Resp: 2116462

Ion Ratio Lower Upper

228 100

226 32.2 25.4 38.0

229 21.2 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.018 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

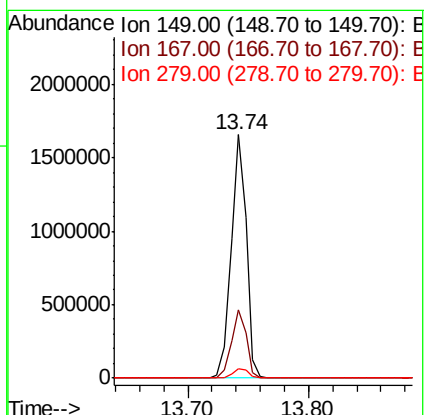
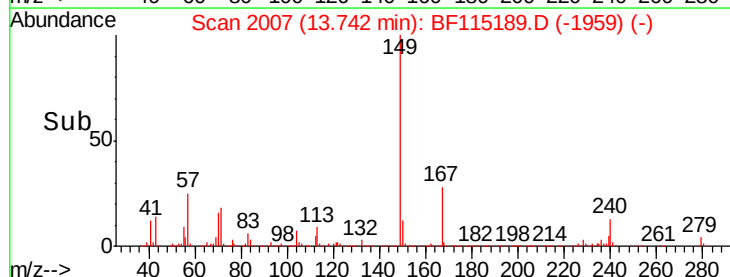
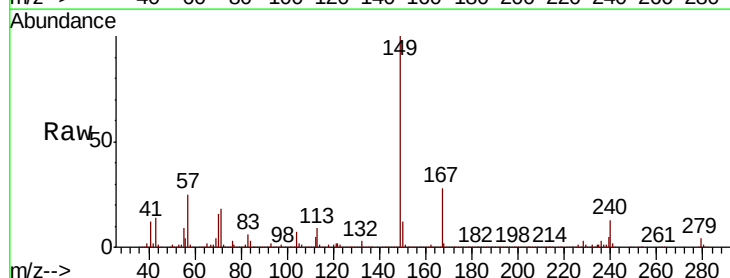
Tgt Ion:149 Resp: 1447122

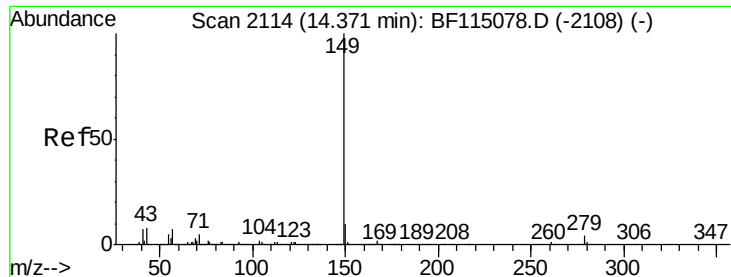
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.262 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

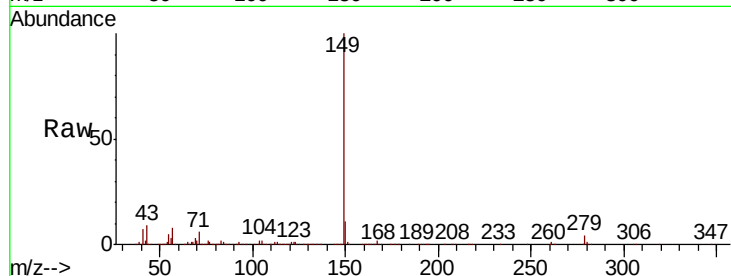
Tgt Ion:149 Resp: 2500119

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

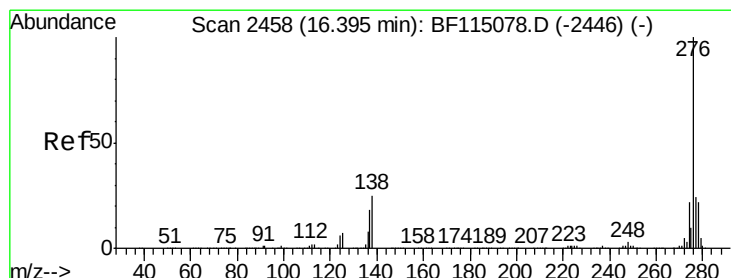
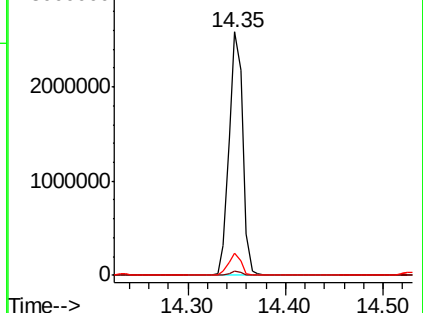
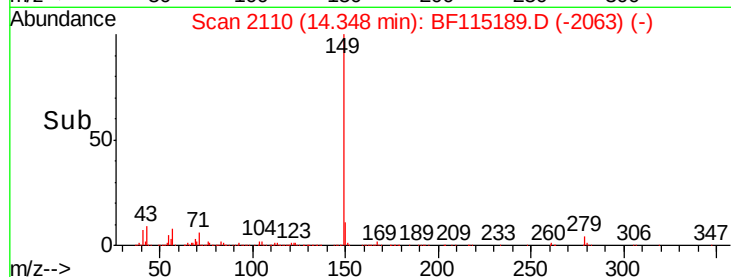
43 8.6 7.0 10.6



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: 41.768 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.02 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

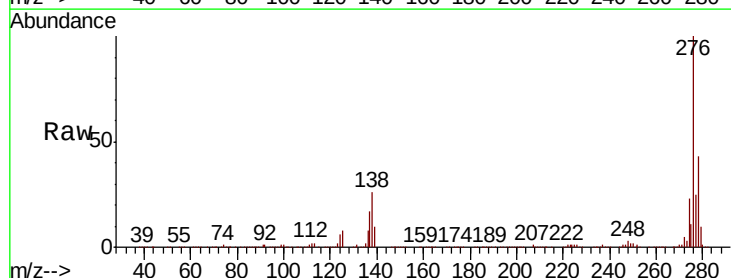
Tgt Ion:276 Resp: 2403183

Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

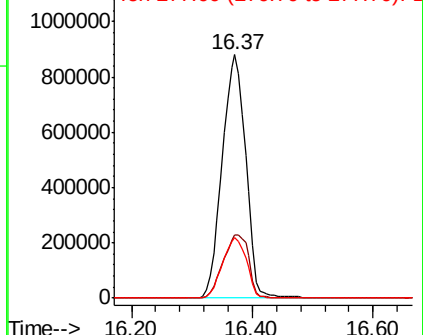
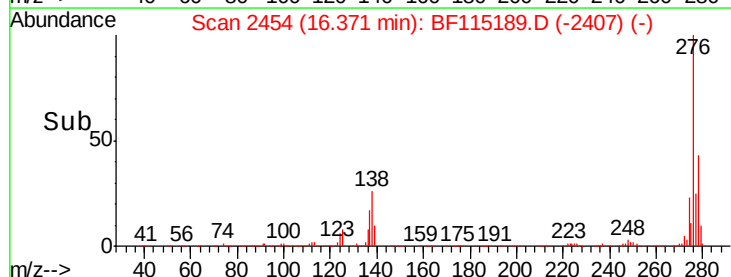
277 25.6 20.1 30.1

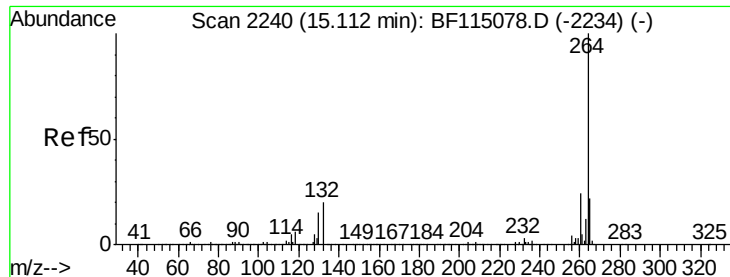


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

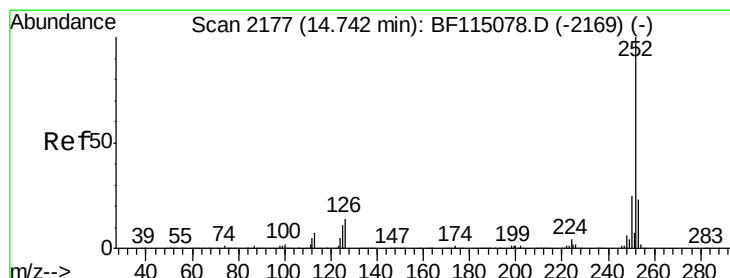
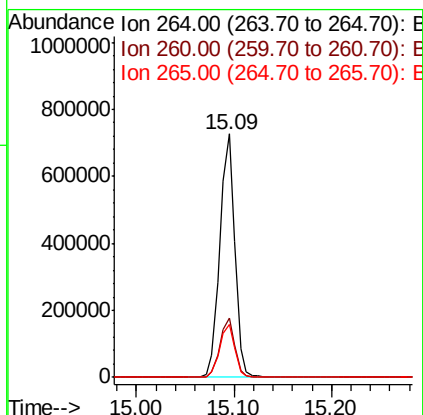
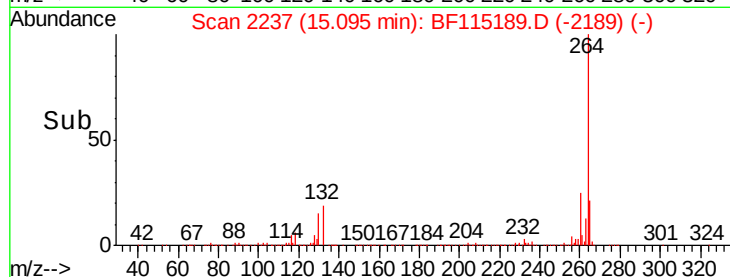
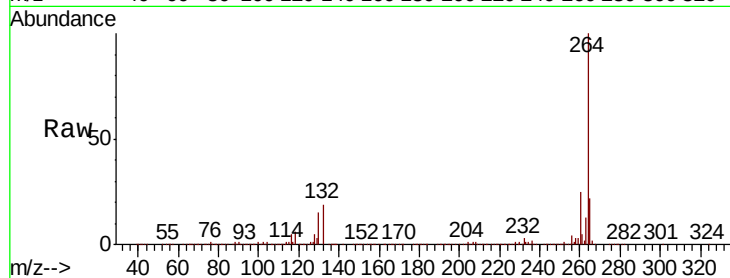




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

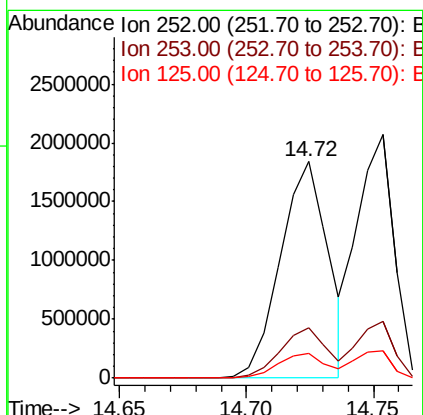
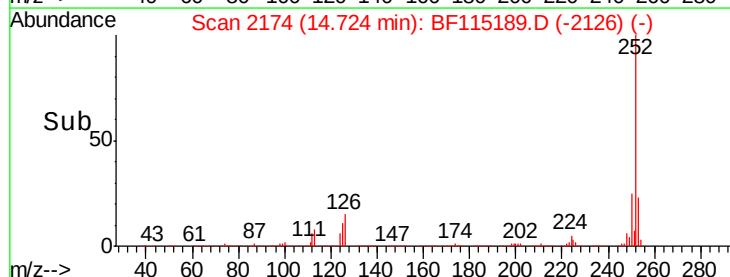
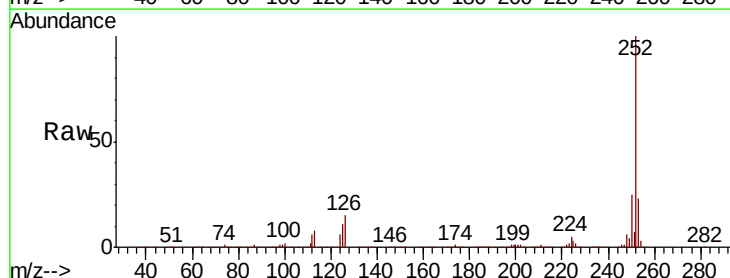
Instrument :
BNA_F
ClientSampleId :
PB120652BS

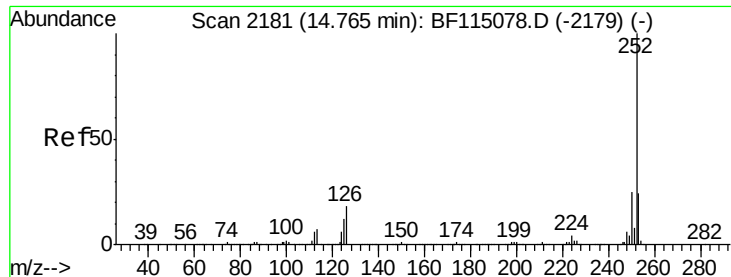
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.6	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 49.540 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.4	8.7	13.1

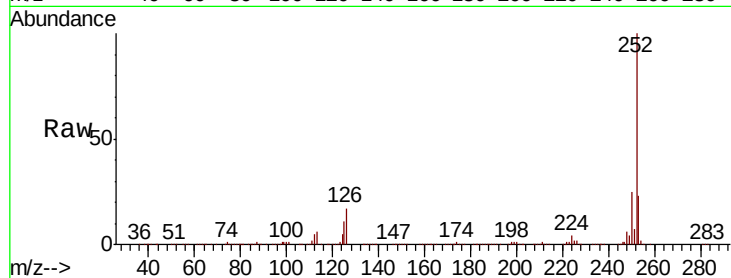




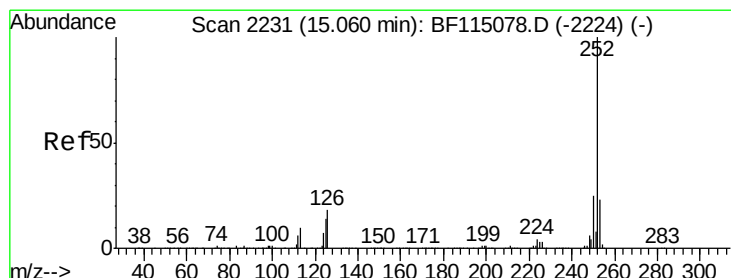
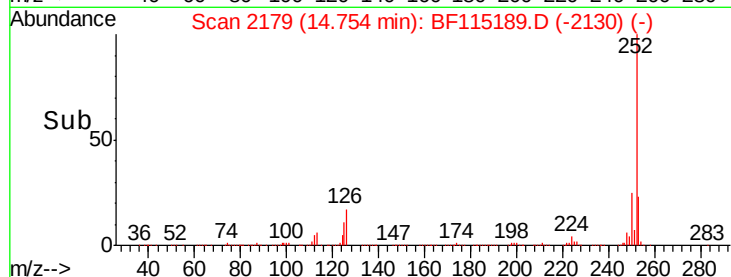
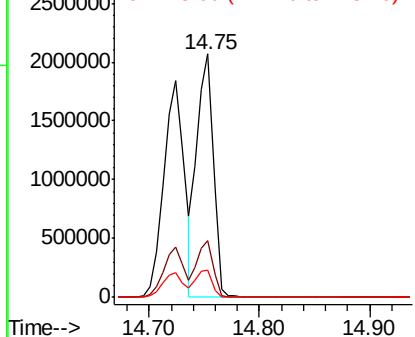
#89
Benzo(k)fluoranthene
Concen: 48.546 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB120652BS

Tgt Ion:252 Resp: 2112171
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.4 10.2 15.2

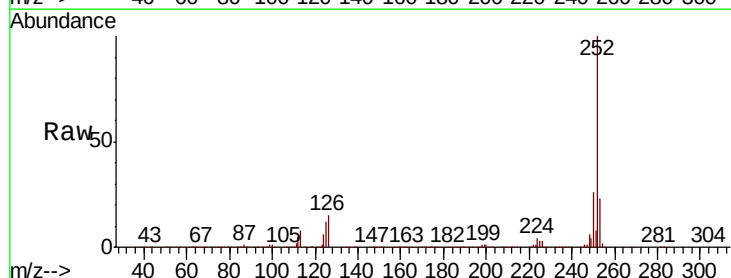


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

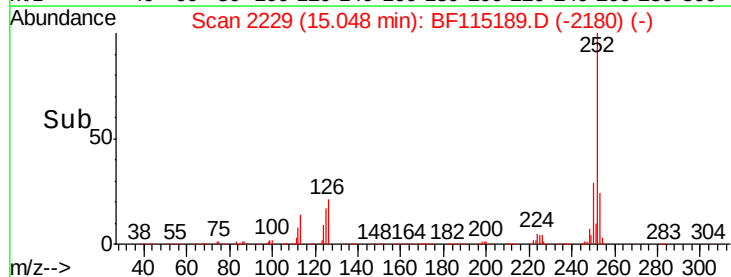
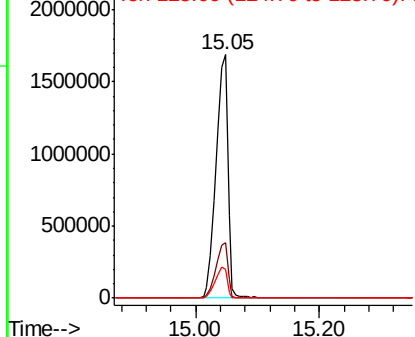


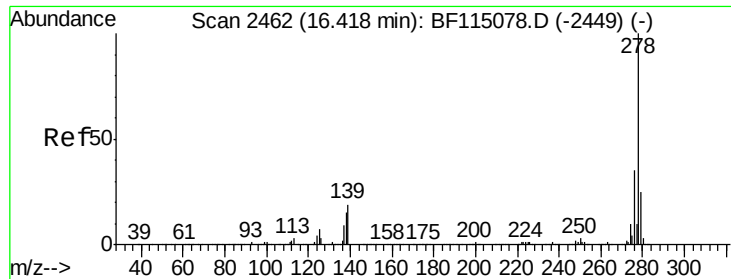
#90
Benzo(a)pyrene
Concen: 50.328 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115189.D
Acq: 25 Jun 2019 16:01

Tgt Ion:252 Resp: 2200773
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 11.6 10.9 16.3



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





#91

Dibenzo(a,h)anthracene

Concen: 47.970 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.03 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB120652BS

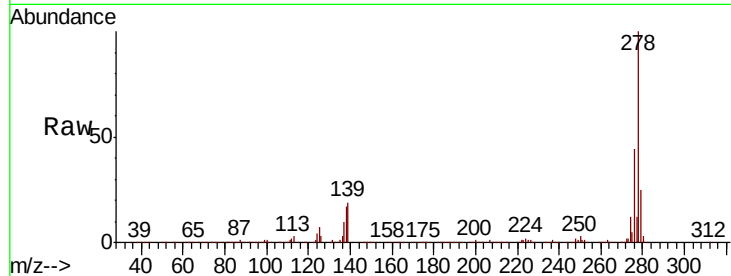
Tgt Ion:278 Resp: 1958320

Ion Ratio Lower Upper

278 100

139 18.8 15.4 23.2

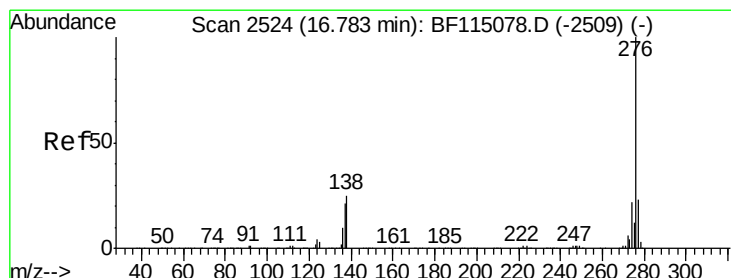
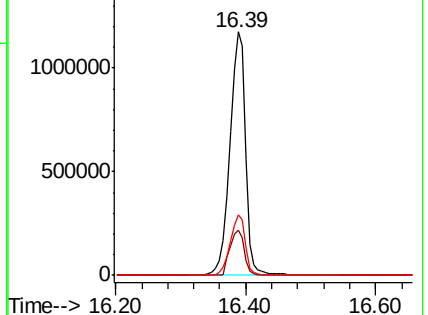
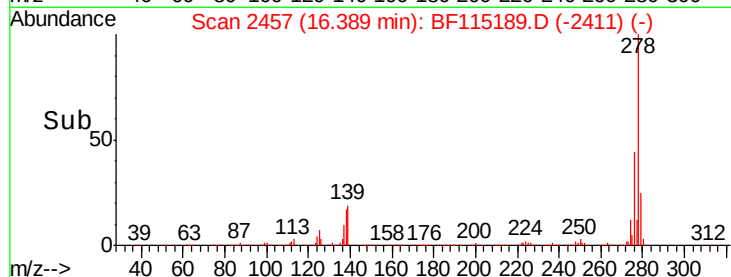
279 25.1 19.9 29.9



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: 48.109 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF115189.D

Acq: 25 Jun 2019 16:01

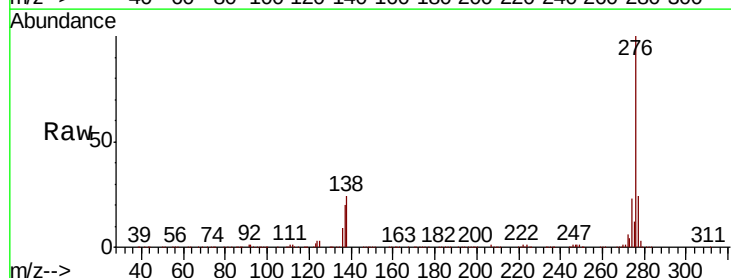
Tgt Ion:276 Resp: 1987796

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 23.6 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

