

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115763.D
 Acq On : 25 Jul 2019 17:47
 Operator : HP/JU
 Sample : K3990-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Quant Time: Jul 26 05:47:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138213	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	541208	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	304358	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557983	20.00	ng	0.00
76) Chrysene-d12	14.03	240	419084	20.00	ng	0.00
87) Perylene-d12	15.50	264	429280	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	797226	94.35	ng	0.00
7) Phenol-d6	6.50	99	1046820	97.64	ng	0.00
23) Nitrobenzene-d5	7.43	82	653738	70.24	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	314010	88.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1206404	69.38	ng	0.00
79) Terphenyl-d14	12.97	244	1475754	64.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	117842	27.959	ng	100
3) Pyridine	3.46	79	78679	6.880	ng	97
4) n-Nitrosodimethylamine	3.36	42	137093	33.046	ng	100
6) Aniline	6.53	93	343223	23.003	ng	98
8) 2-Chlorophenol	6.66	128	321992	33.144	ng	95
9) Benzaldehyde	6.42	77	209671	31.294	ng	99
10) Phenol	6.52	94	420924	33.819	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	305513	32.240	ng	97
12) 1,3-Dichlorobenzene	6.82	146	343465	31.445	ng	98
13) 1,4-Dichlorobenzene	6.89	146	349960	32.112	ng	98
14) 1,2-Dichlorobenzene	7.05	146	328288	32.953	ng	98
15) Benzyl Alcohol	7.01	79	276125	32.465	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	414128	33.195	ng	99
17) 2-Methylphenol	7.12	107	272886	32.595	ng	99
18) Hexachloroethane	7.39	117	125529	31.033	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	225283	32.217	ng	99
20) 3+4-Methylphenols	7.27	107	327506	32.933	ng	96
22) Acetophenone	7.27	105	437664	35.796	ng	99
24) Nitrobenzene	7.45	77	355049	35.367	ng	100
25) Isophorone	7.69	82	646010	34.686	ng	99
26) 2-Nitrophenol	7.77	139	175548	33.973	ng	94
27) 2,4-Dimethylphenol	7.80	122	286578	37.066	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	391883	34.298	ng	99
29) 2,4-Dichlorophenol	8.01	162	286496	35.630	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	299878	32.993	ng	99
31) Naphthalene	8.17	128	933806	35.627	ng	99
32) Benzoic acid	7.88	122	29056	4.579	ng	96
33) 4-Chloroaniline	8.22	127	282352	24.320	ng	98
34) Hexachlorobutadiene	8.29	225	171506	32.905	ng	98
35) Caprolactam	8.61	113	29521	11.881	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	304510	36.509	ng	98
37) 2-Methylnaphthalene	8.86	142	647159	37.248	ng	99
38) 1-Methylnaphthalene	8.96	142	598906	36.291	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290284	31.672	ng	99

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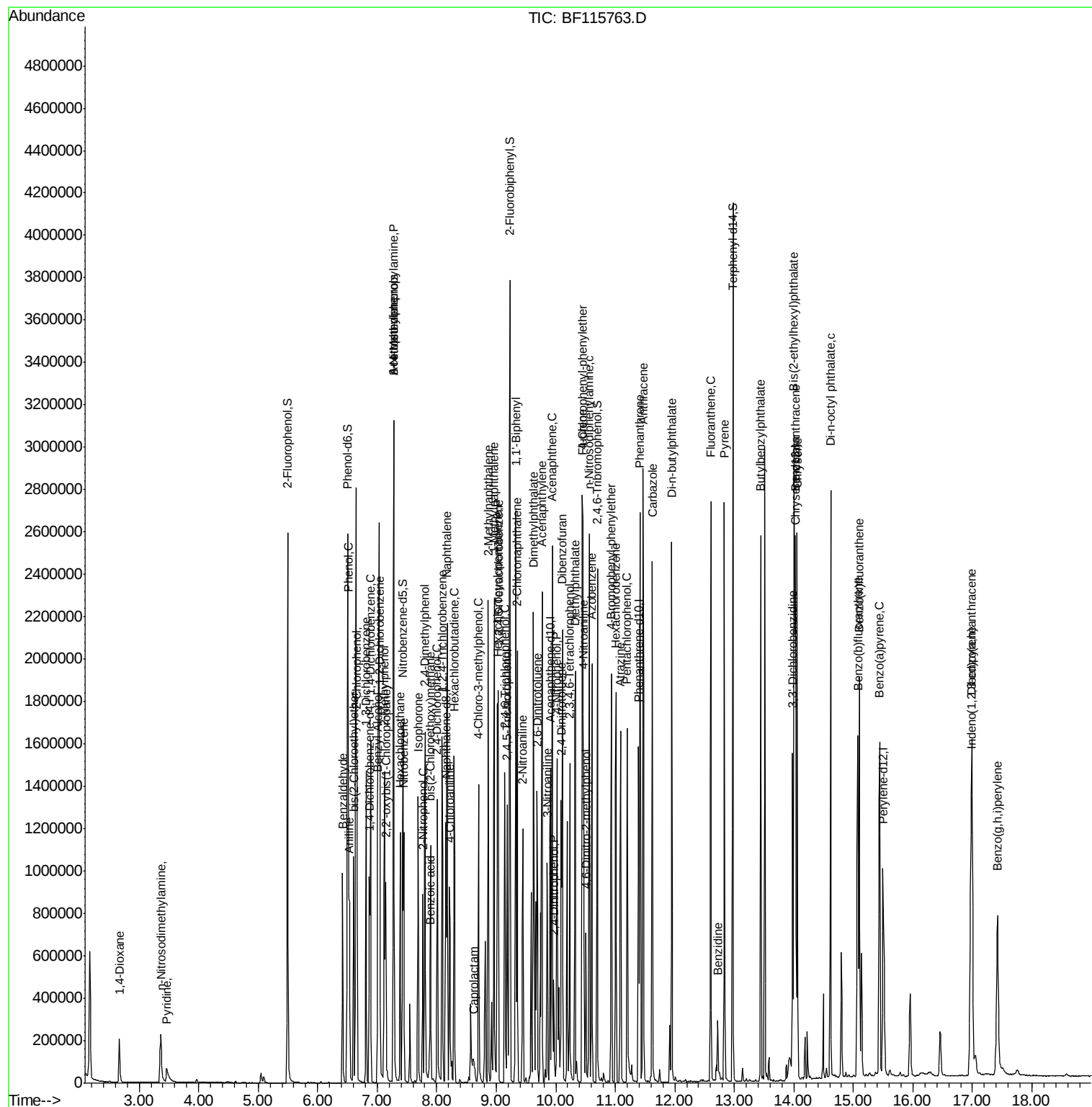
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	210240	40.212	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	197418	29.454	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	219314	31.951	ng	97
46) 1,1'-Biphenyl	9.33	154	792734	33.316	ng	100
47) 2-Chloronaphthalene	9.35	162	623422	31.466	ng	98
48) 2-Nitroaniline	9.45	65	199627	32.554	ng	95
49) Acenaphthylene	9.77	152	961981	32.768	ng	100
50) Dimethylphthalate	9.63	163	984951	43.013	ng	100
51) 2,6-Dinitrotoluene	9.69	165	167362	32.161	ng	98
52) Acenaphthene	9.94	154	591947	31.232	ng	97
53) 3-Nitroaniline	9.86	138	159053	26.746	ng	99
54) 2,4-Dinitrophenol	9.97	184	79220	29.650	ng	95
55) Dibenzofuran	10.12	168	878944	32.655	ng	98
56) 4-Nitrophenol	10.02	139	291778	64.342	ng	100
57) 2,4-Dinitrotoluene	10.09	165	225888	33.505	ng	95
58) Fluorene	10.46	166	674056	35.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	182487	31.803	ng	98
60) Diethylphthalate	10.33	149	739701	34.476	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	343128	32.156	ng	99
62) 4-Nitroaniline	10.47	138	192240	33.701	ng	98
63) Azobenzene	10.60	77	753197	36.192	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	87591	25.693	ng	96
66) n-Nitrosodiphenylamine	10.56	169	620884	35.772	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	211484	33.167	ng	92
68) Hexachlorobenzene	11.01	284	239035	32.826	ng	96
69) Atrazine	11.09	200	208396	36.599	ng	100
70) Pentachlorophenol	11.20	266	238798	53.617	ng	99
71) Phenanthrene	11.42	178	1031510	36.065	ng	99
72) Anthracene	11.47	178	1088649	36.830	ng	99
73) Carbazole	11.62	167	973325	37.550	ng	100
74) Di-n-butylphthalate	11.95	149	1240575	38.855	ng	99
75) Fluoranthene	12.60	202	1093523	36.180	ng	98
77) Benzidine	12.72	184	132419	8.919	ng	98
78) Pyrene	12.83	202	1114580	31.391	ng	99
80) Butylbenzylphthalate	13.44	149	540444	35.705	ng	98
81) Benzo(a)anthracene	14.02	228	930169	33.690	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	331331	33.758	ng	99
83) Chrysene	14.06	228	916028	33.051	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	794611	42.382	ng	99
85) Di-n-octyl phthalate	14.62	149	1297945	43.510	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	959164	40.734	ng	100
88) Benzo(b)fluoranthene	15.07	252	868725	31.428	ng	99
89) Benzo(k)fluoranthene	15.10	252	820133	33.279	ng	99
90) Benzo(a)pyrene	15.44	252	814026	34.263	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	818351	39.236	ng	99
92) Benzo(g,h,i)perylene	17.42	276	759932	36.533	ng	97

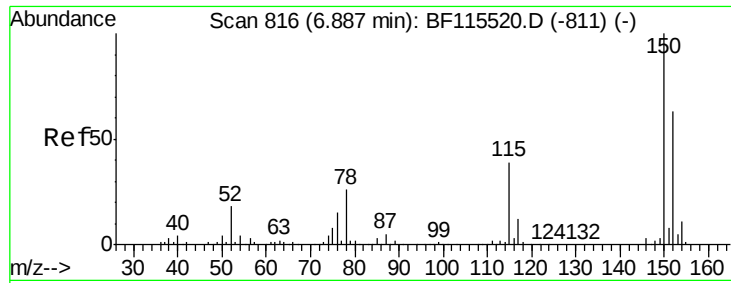
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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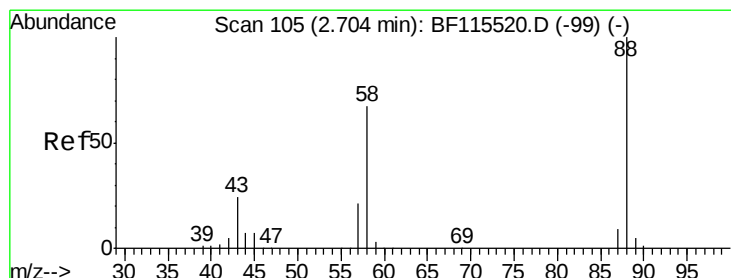
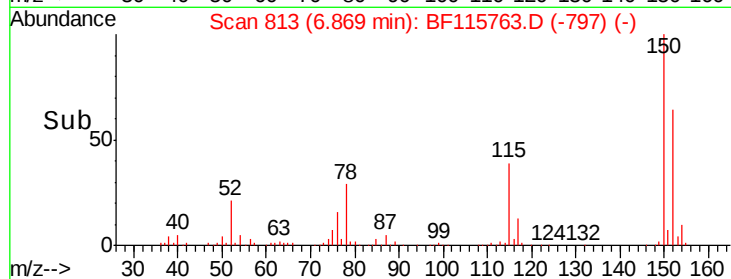
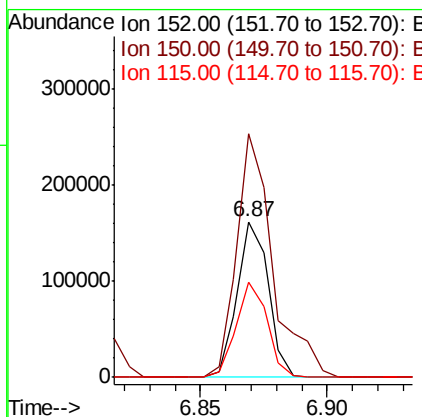
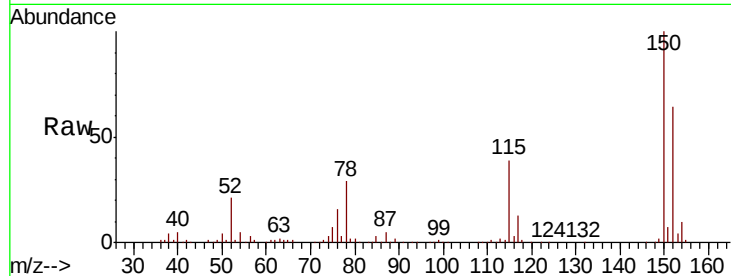


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

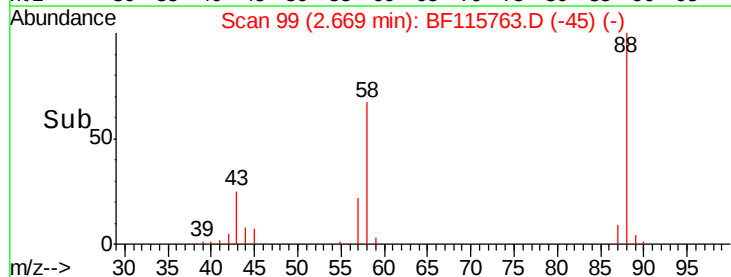
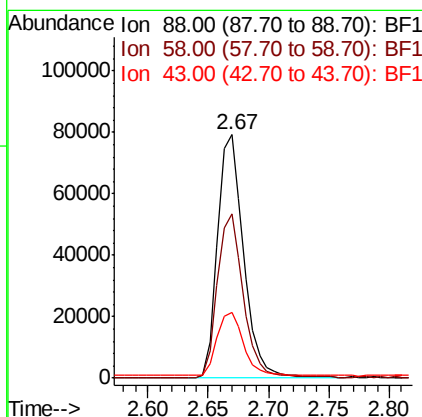
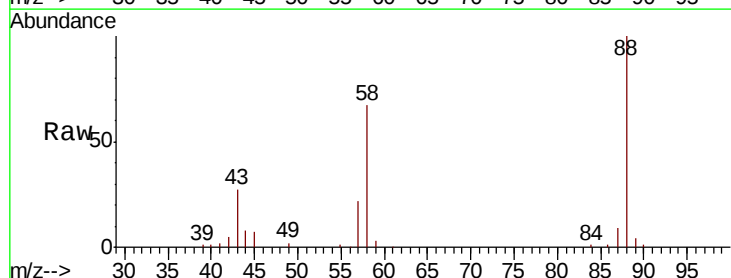
Tot Ion:152 Resp: 138213
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 61.6 47.8 71.6

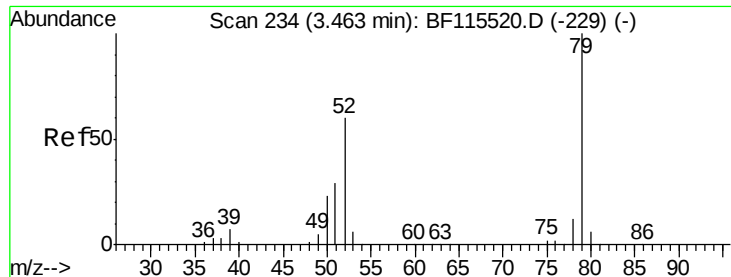


#2

1,4-Dioxane
Concen: 27.959 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion: 88 Resp: 117842
Ion Ratio Lower Upper
88 100
58 68.0 54.2 81.4
43 26.2 20.8 31.2





#3

Pvridine

Concen: 6.880 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

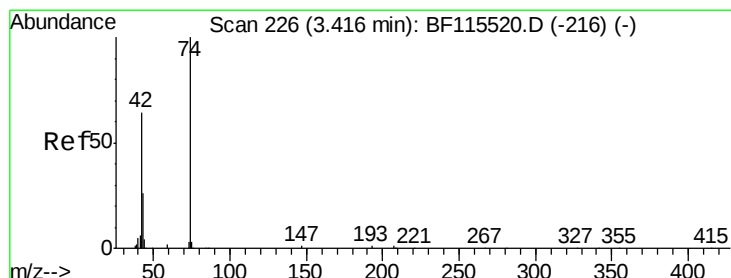
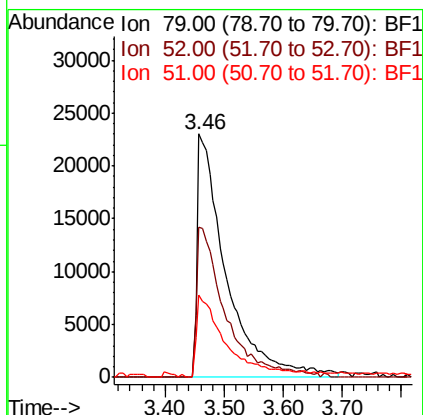
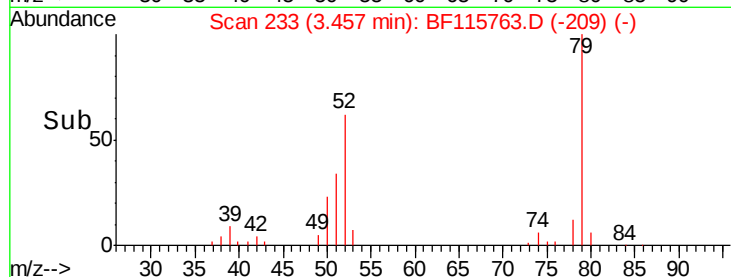
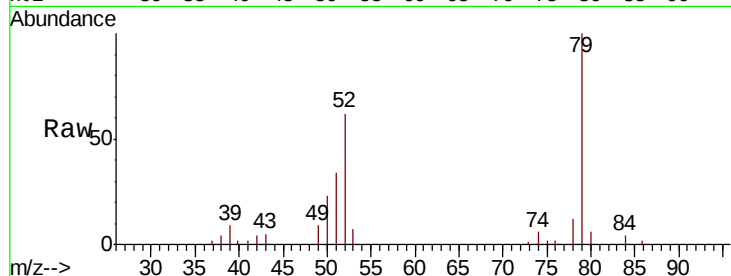
Tot Ion: 79 Resp: 78679

Ion Ratio Lower Upper

79 100

52 61.6 48.4 72.6

51 33.8 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 33.046 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

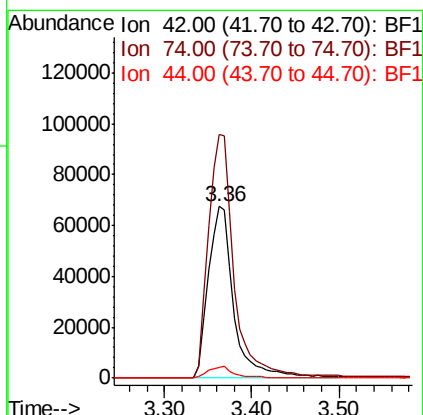
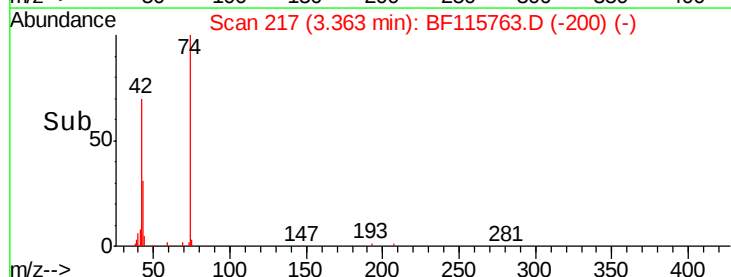
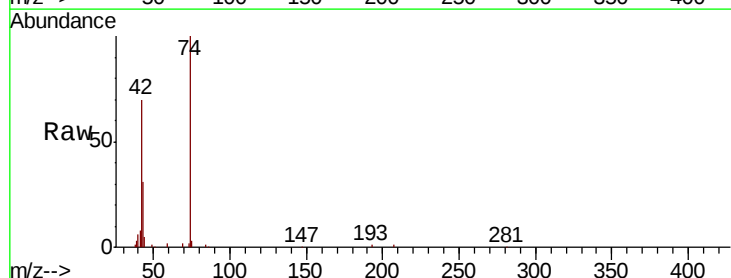
Tgt Ion: 42 Resp: 137093

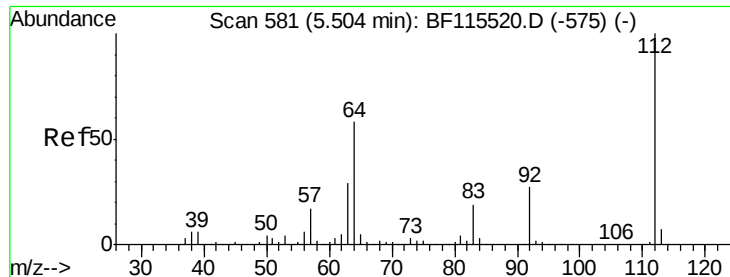
Ion Ratio Lower Upper

42 100

74 141.8 113.4 170.0

44 6.6 5.1 7.7





#5

2-Fluorophenol

Concen: 94.349 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

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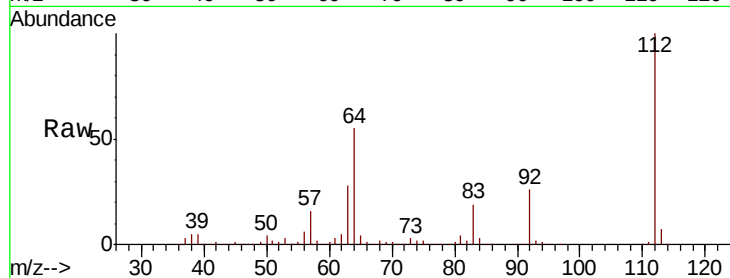
Tot Ion: 112 Resp: 797226

Ion Ratio Lower Upper

112 100

64 54.6 45.8 68.8

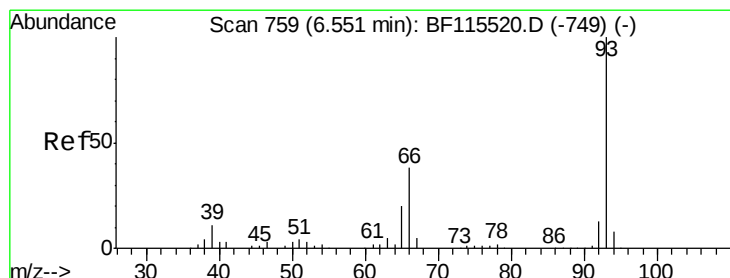
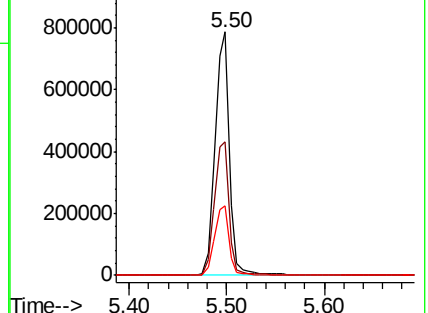
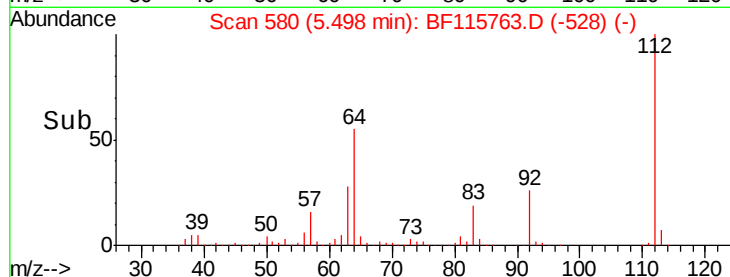
63 28.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.003 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

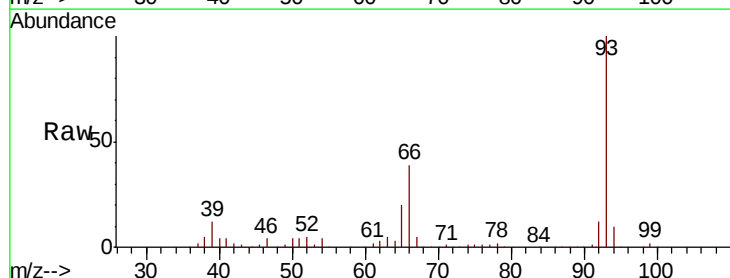
Tgt Ion: 93 Resp: 343223

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

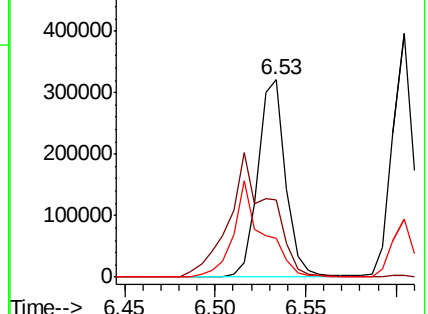
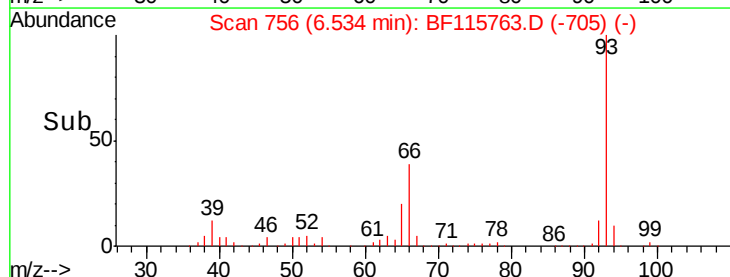
65 19.7 16.5 24.7

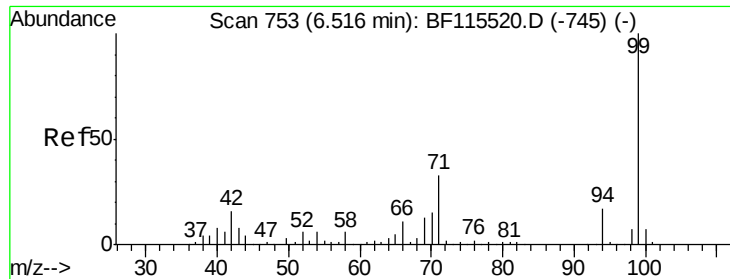


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.635 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115763.D

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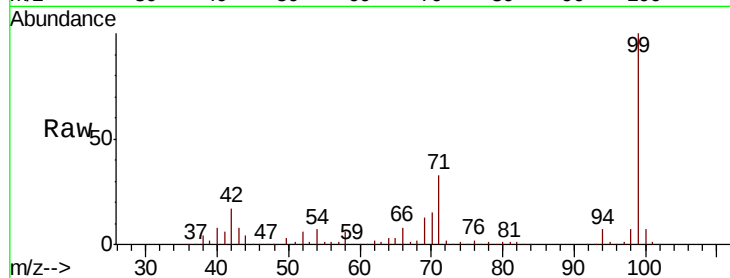
Tot Ion: 99 Resp: 1046820

Ion Ratio Lower Upper

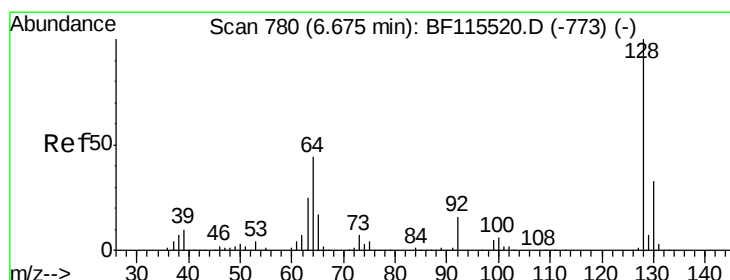
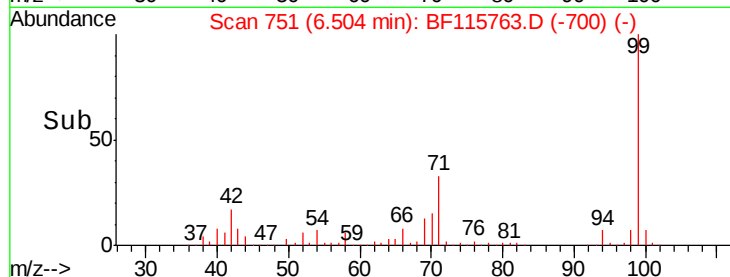
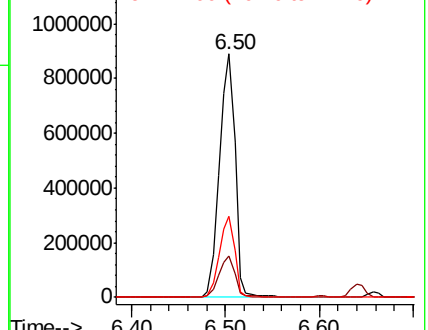
99 100

42 16.9 13.4 20.2

71 33.3 26.7 40.1



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



#8

2-Chlorophenol

Concen: 33.144 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

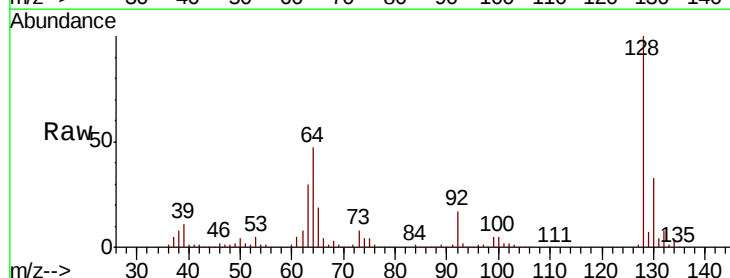
Tgt Ion: 128 Resp: 321992

Ion Ratio Lower Upper

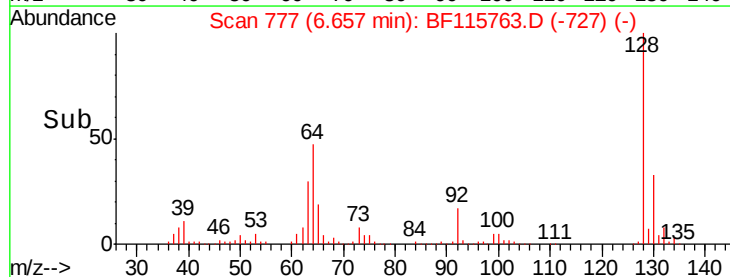
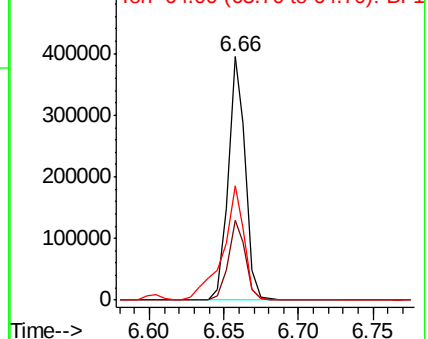
128 100

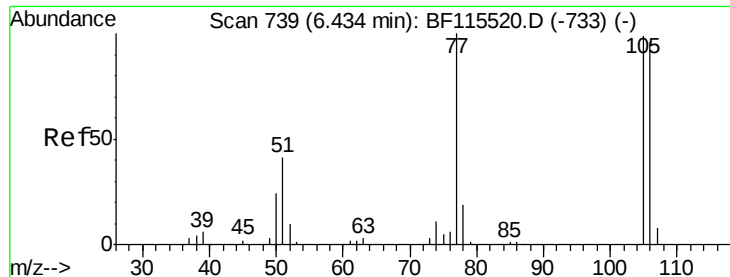
130 32.5 13.8 53.8

64 47.0 22.4 62.4



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





#9

Benzaldehyde

Concen: 31.294 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

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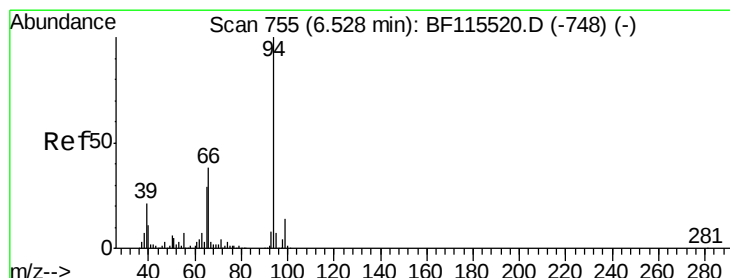
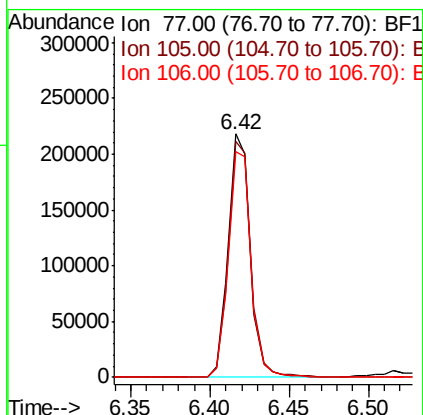
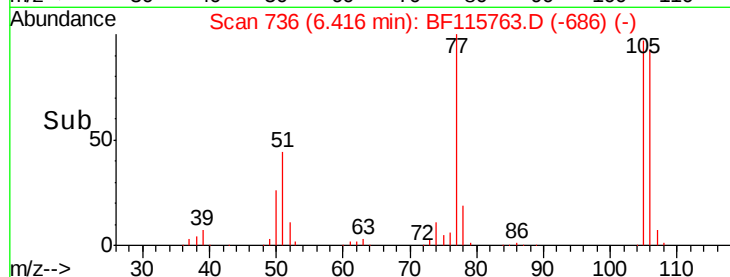
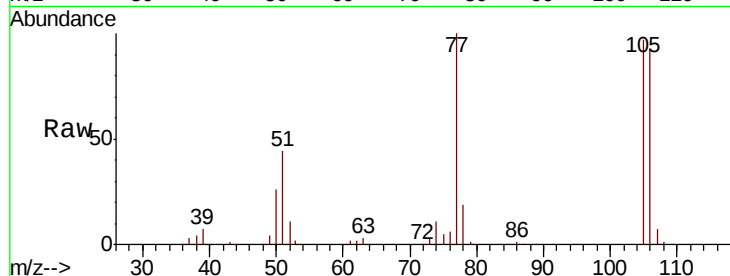
Tot Ion: 77 Resp: 209671

Ion Ratio Lower Upper

77 100

105 96.8 77.5 117.5

106 92.8 74.7 114.7



#10

Phenol

Concen: 33.819 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115763.D

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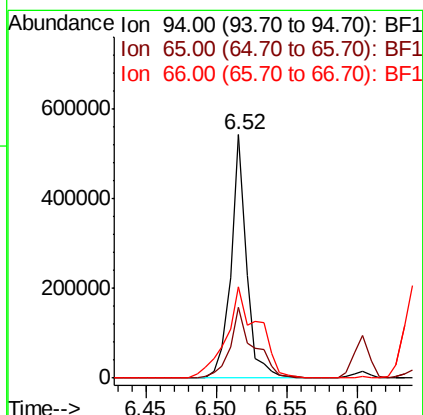
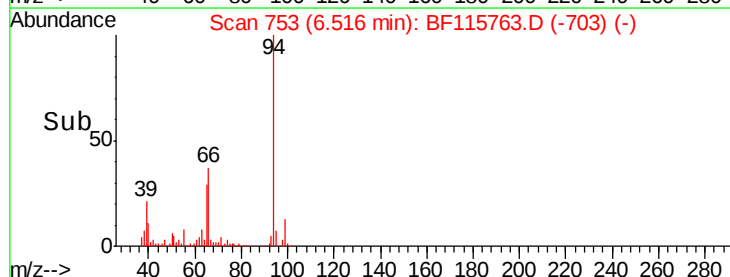
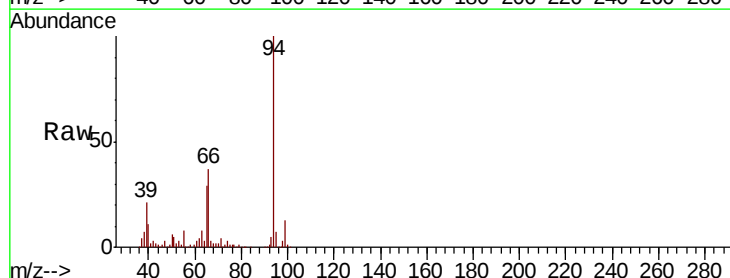
Tgt Ion: 94 Resp: 420924

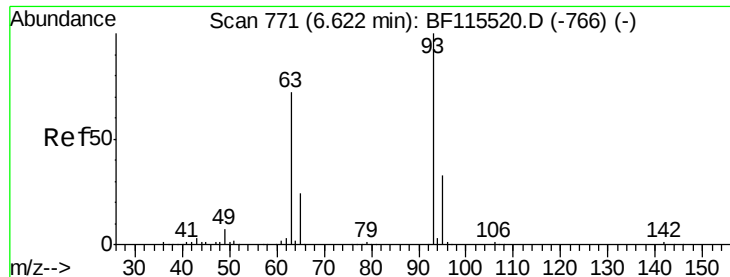
Ion Ratio Lower Upper

94 100

65 28.9 11.2 51.2

66 37.3 24.4 64.4

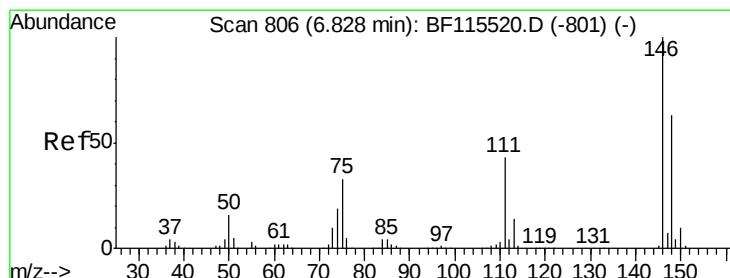
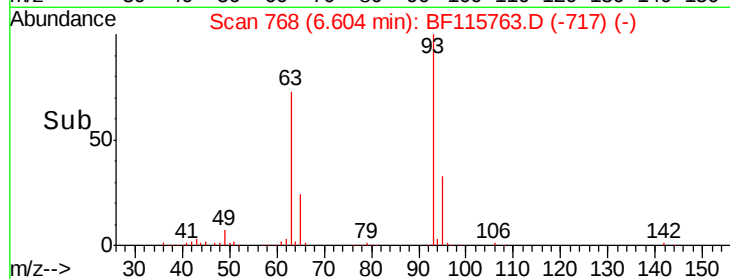
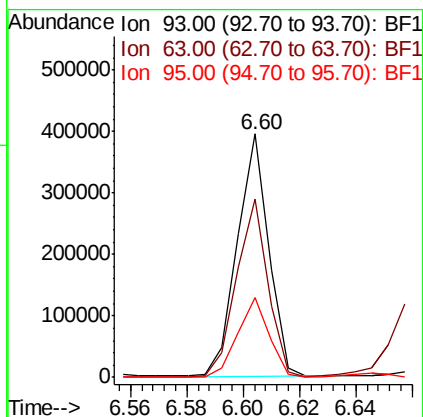
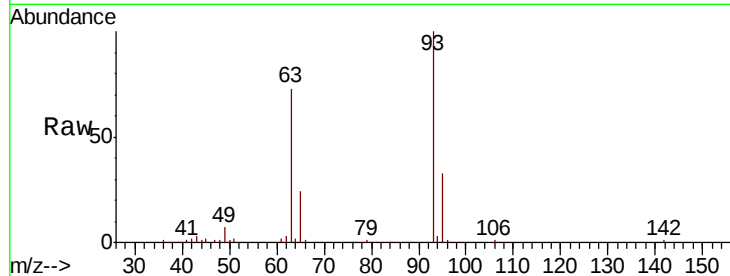




#11
bis(2-Chloroethyl)ether
Concen: 32.240 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

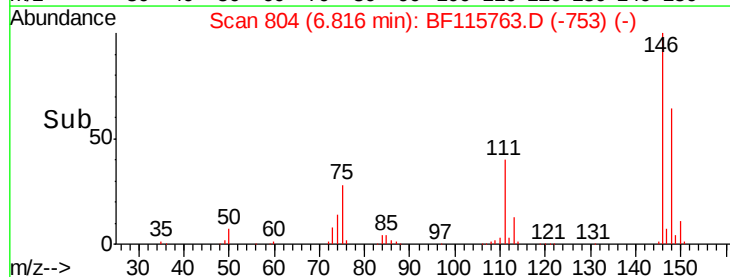
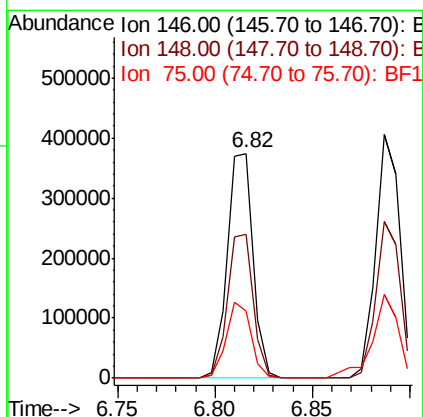
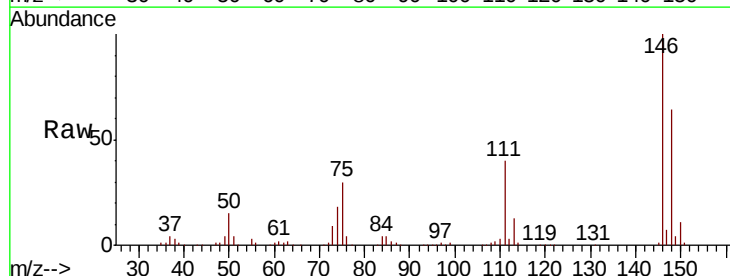
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

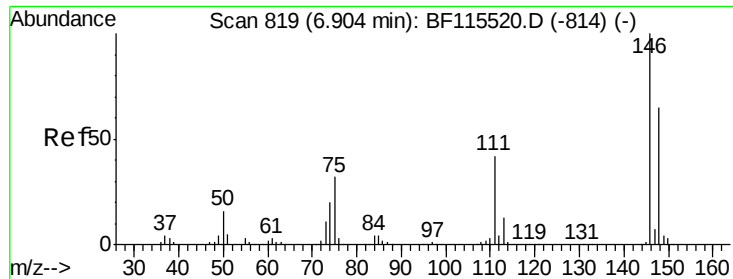
Tot Ion: 93 Resp: 305513
Ion Ratio Lower Upper
93 100
63 73.1 56.2 96.2
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 31.445 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion: 146 Resp: 343465
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 30.0 25.3 37.9

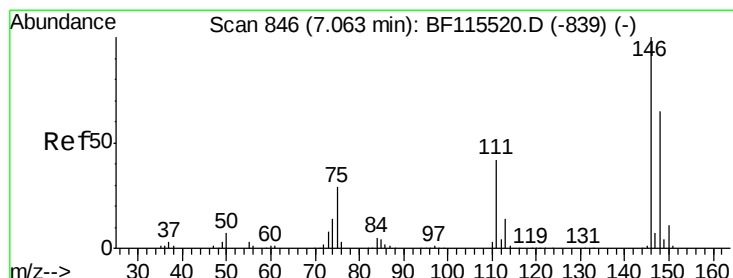
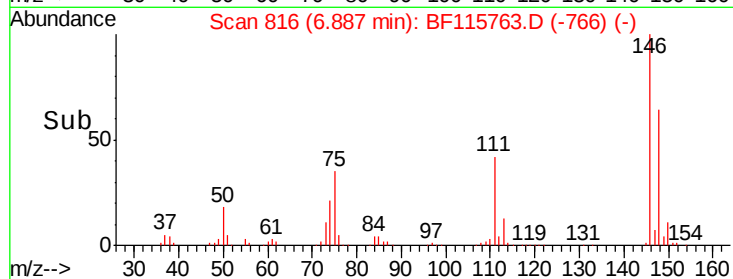
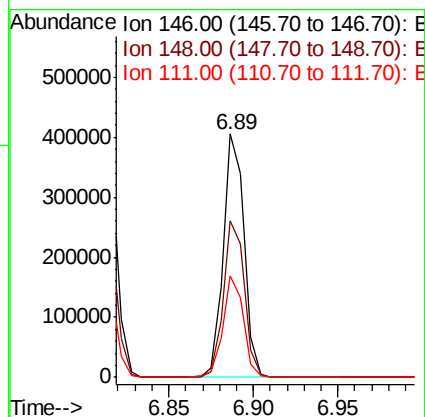
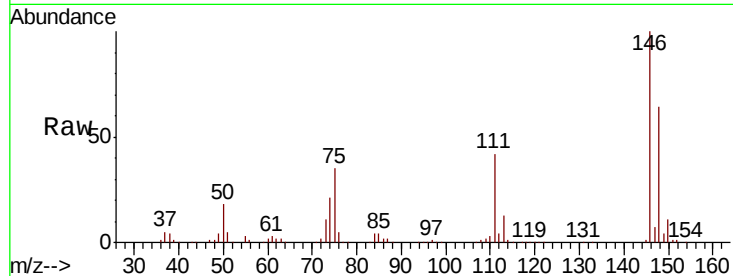




#13
 1,4-Dichlorobenzene
 Concen: 32.112 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

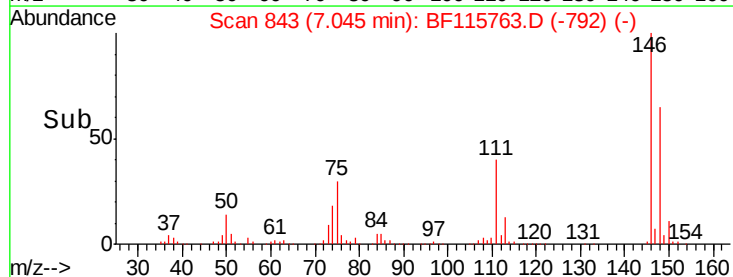
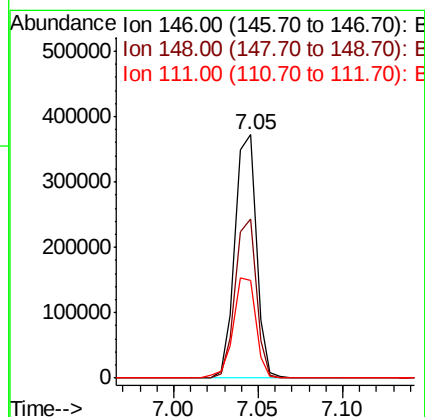
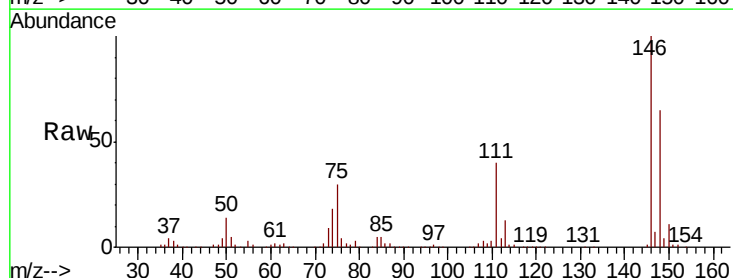
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion:146 Resp: 349960
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 42.0 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 32.953 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion:146 Resp: 328288
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 111 40.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 32.465 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

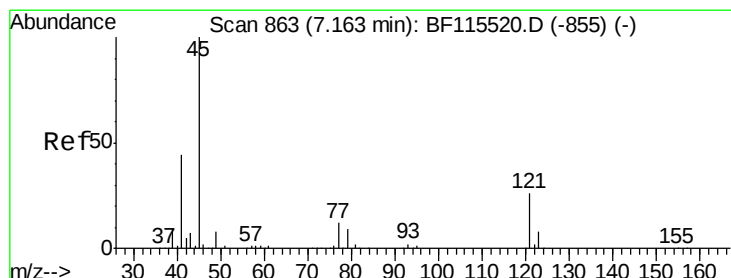
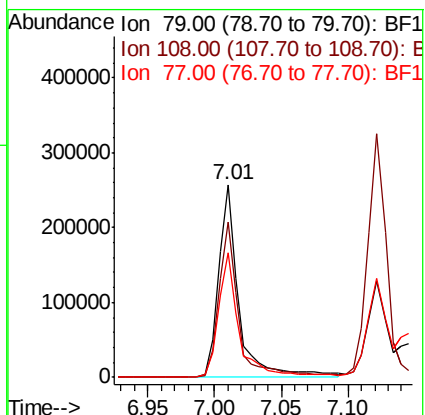
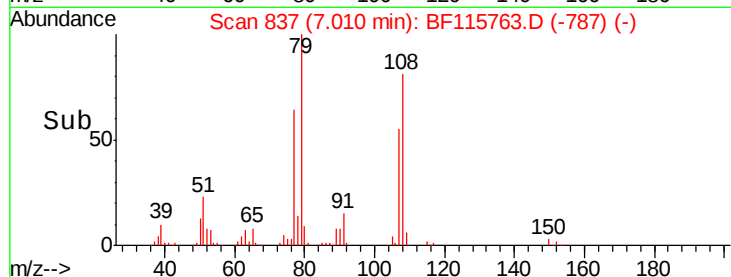
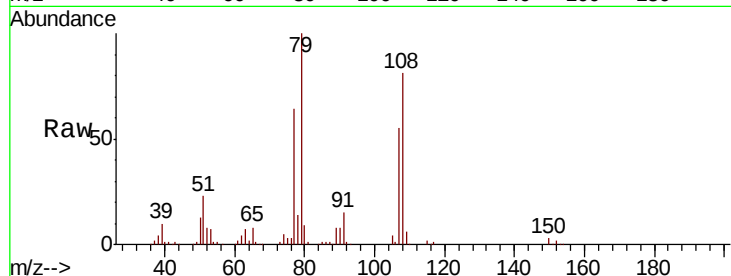
Tot Ion: 79 Resp: 276125

Ion Ratio Lower Upper

79 100

108 80.5 65.4 98.2

77 64.4 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.195 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

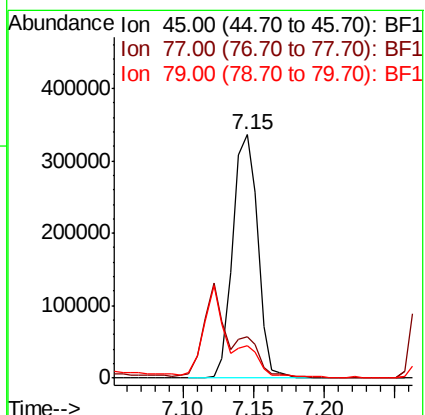
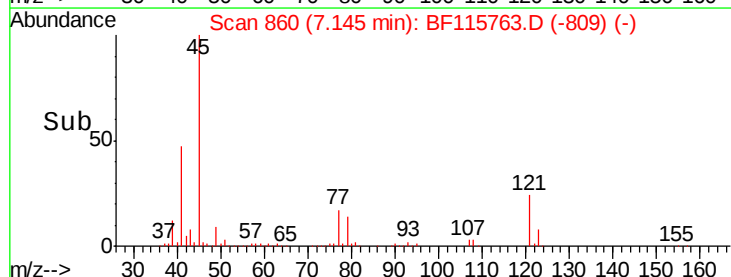
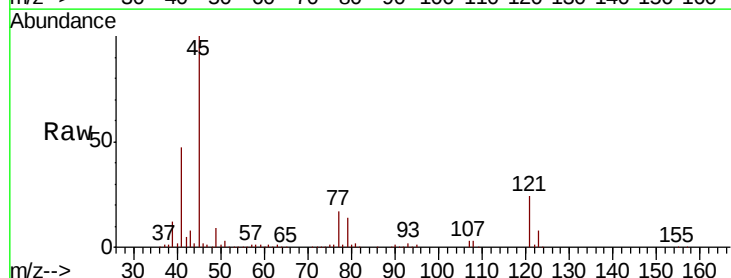
Tgt Ion: 45 Resp: 414128

Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.8

79 13.5 0.0 33.1

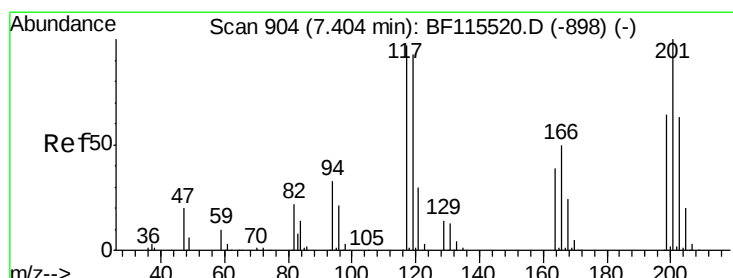
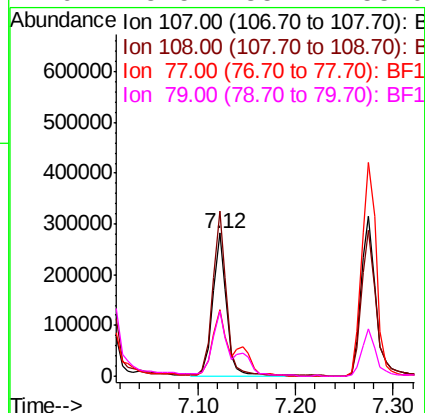
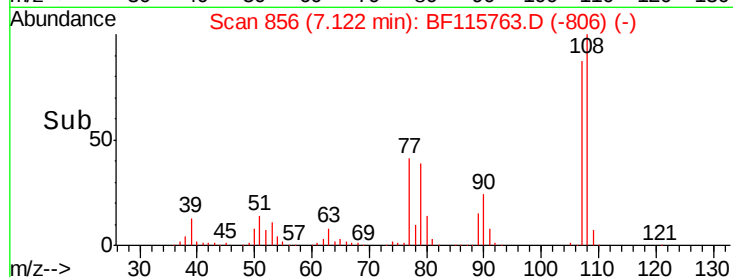
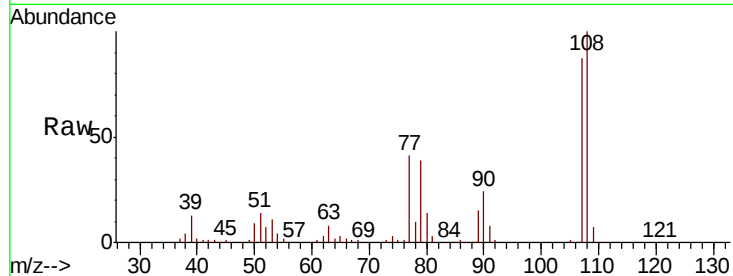




#17
2-Methylphenol
Concen: 32.595 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

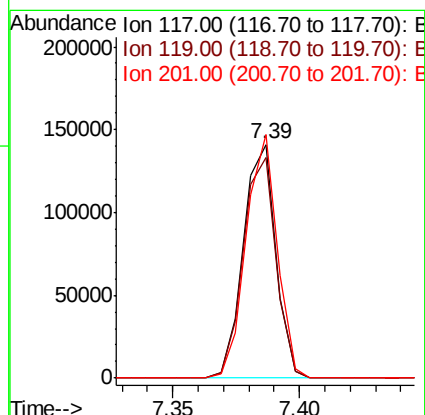
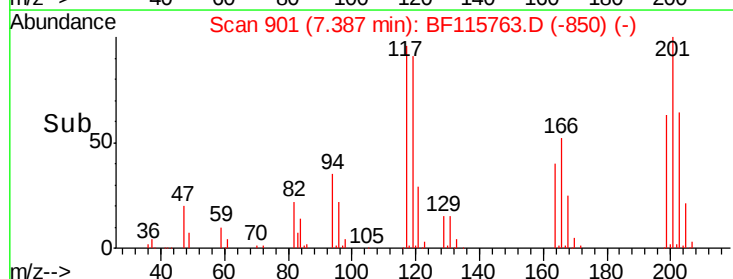
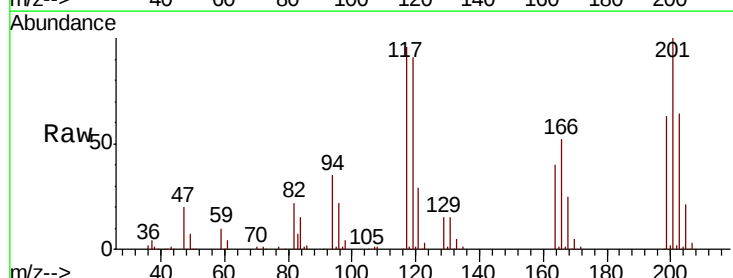
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

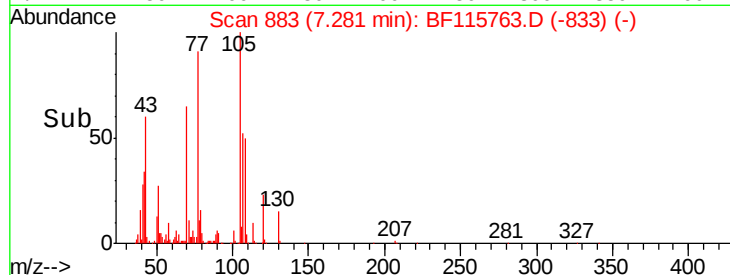
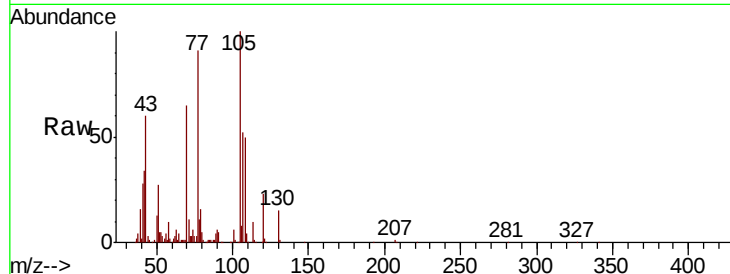
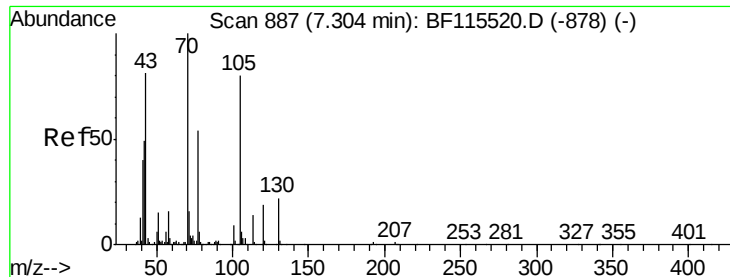
Tot Ion:107 Resp: 272886
Ion Ratio Lower Upper
107 100
108 115.5 91.3 136.9
77 46.9 36.9 55.3
79 45.5 35.4 53.0



#18
Hexachloroethane
Concen: 31.033 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:117 Resp: 125529
Ion Ratio Lower Upper
117 100
119 94.5 74.8 112.2
201 104.1 77.6 116.4

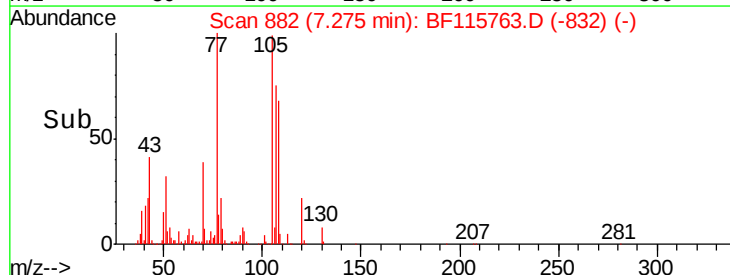
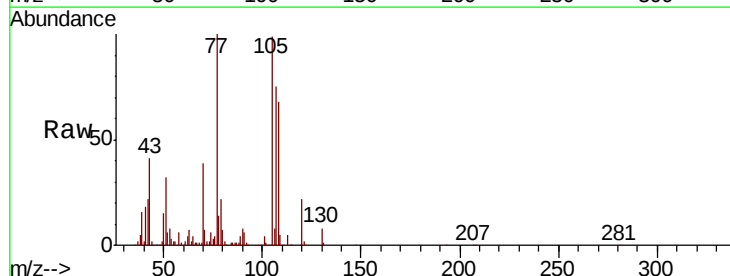
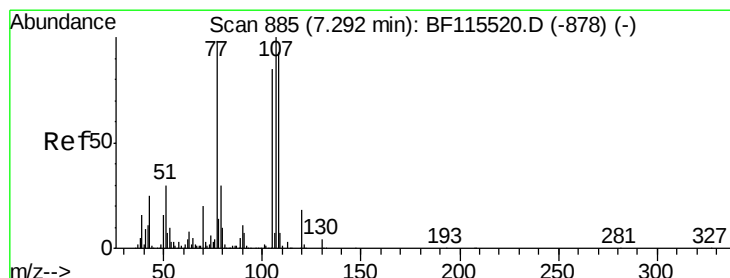
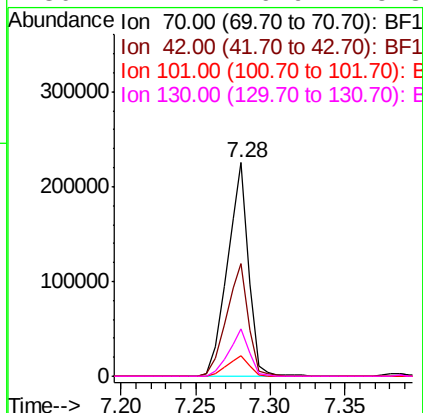




#19
n-Nitroso-di-n-propylamine
Concen: 32.217 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

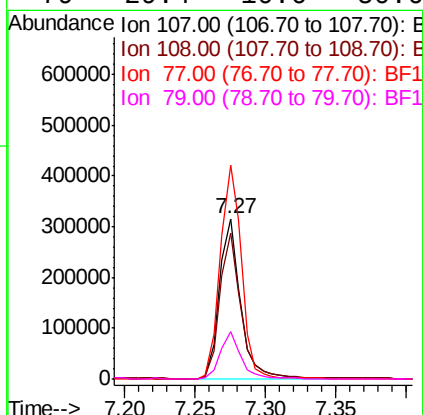
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

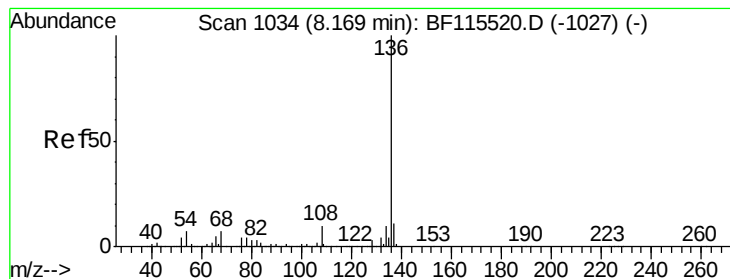
Tot Ion:	70	Resp:	225283
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	9.5	7.6	11.4
130	22.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 32.933 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:	107	Resp:	327506
Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.0	113.0
77	133.5	107.5	147.5
79	29.4	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

Tot Ion:136 Resp: 541208

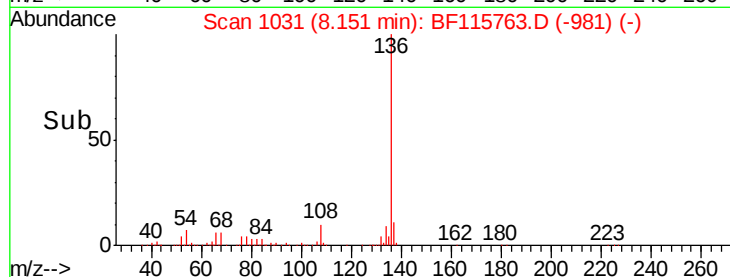
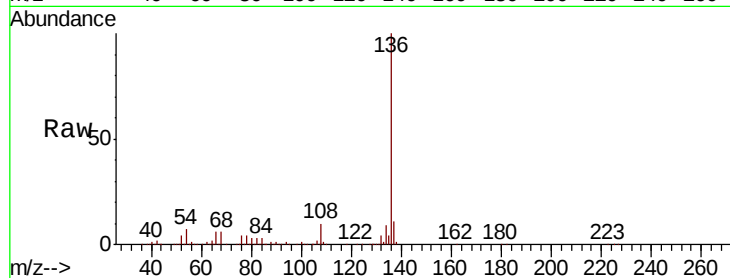
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.0 5.0 7.6

68 6.0 4.7 7.1

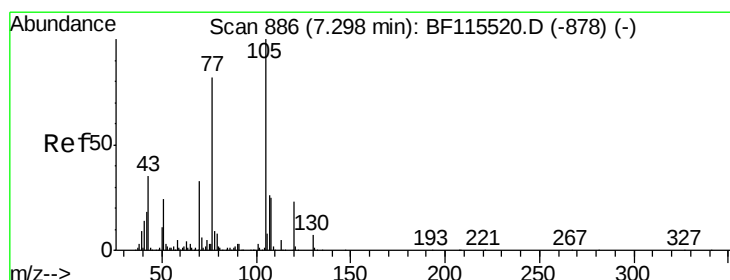
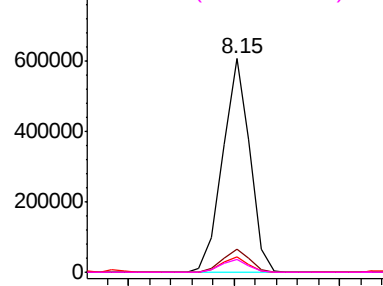


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.796 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Tgt Ion:105 Resp: 437664

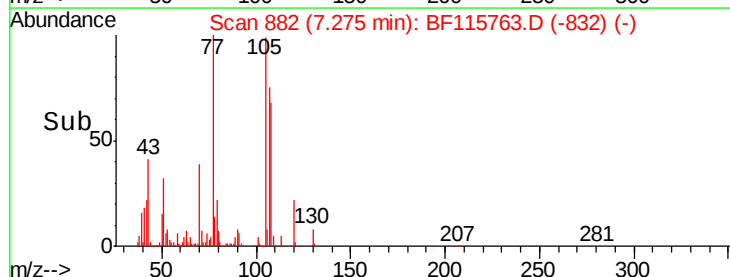
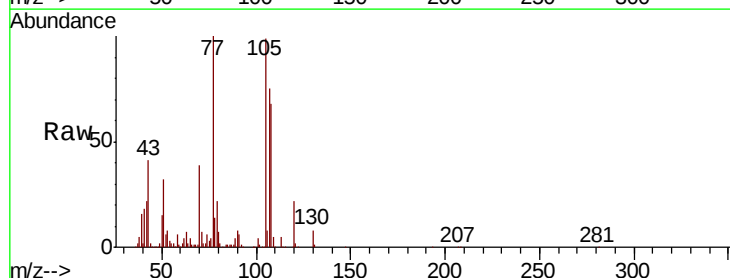
Ion Ratio Lower Upper

105 100

71 6.7 4.7 7.1

51 32.5 25.6 38.4

120 22.2 17.7 26.5

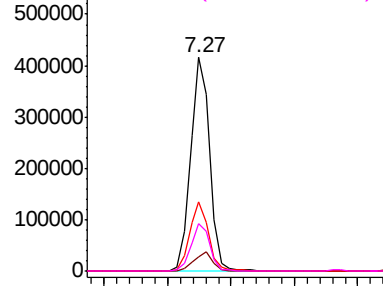


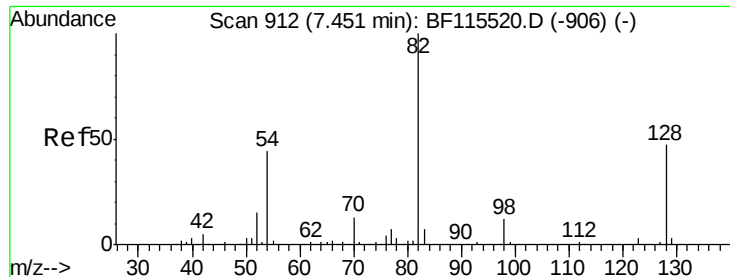
Abundance Ion 105.00 (104.70 to 105.70): E

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

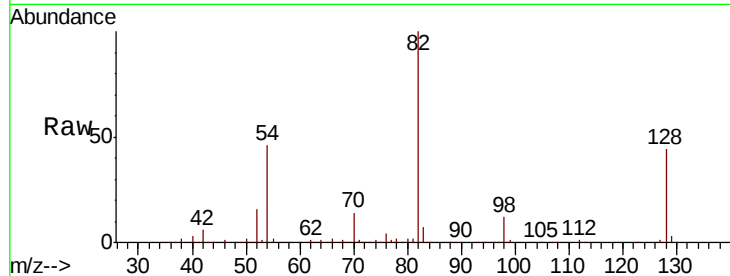




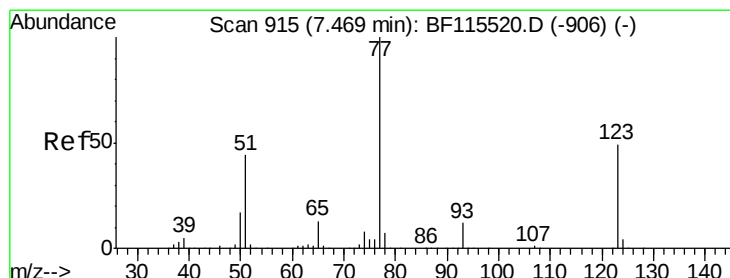
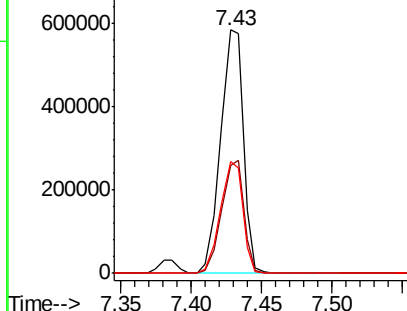
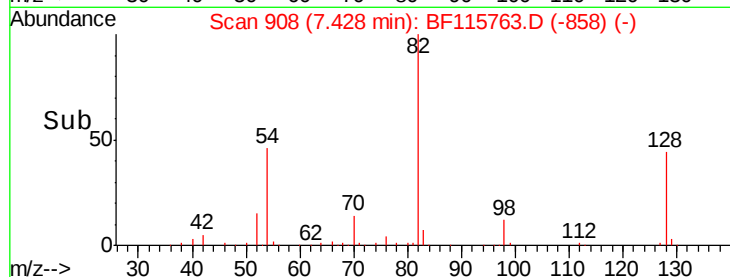
#23
 Nitrobenzene-d5
 Concen: 70.237 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion: 82 Resp: 653738
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.6 55.0
 54 45.9 36.6 54.8

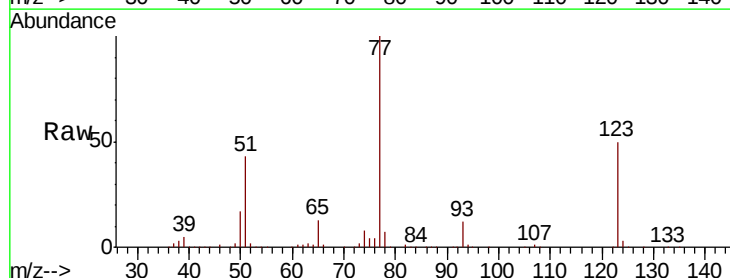


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

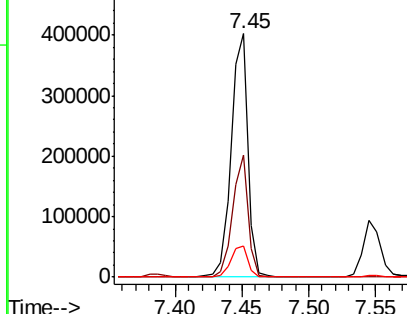
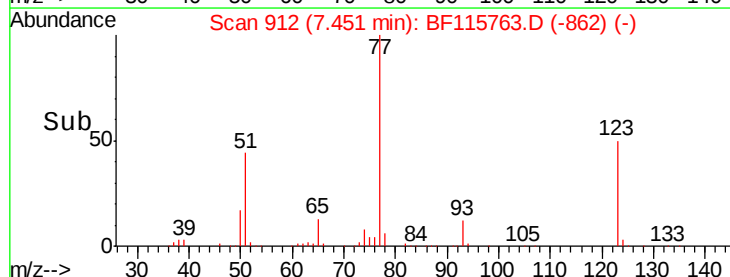


#24
 Nitrobenzene
 Concen: 35.367 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion: 77 Resp: 355049
 Ion Ratio Lower Upper
 77 100
 123 49.9 39.9 59.9
 65 13.0 10.5 15.7



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





#25

Isophorone

Concen: 34.686 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

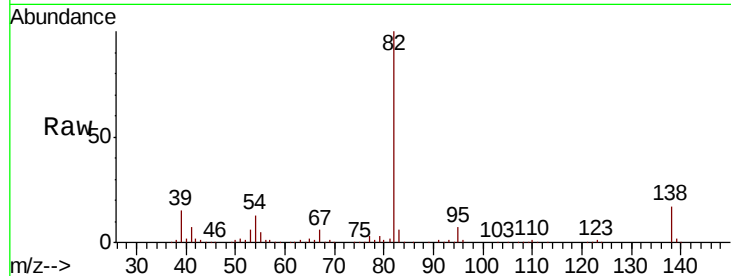
Tot Ion: 82 Resp: 646010

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

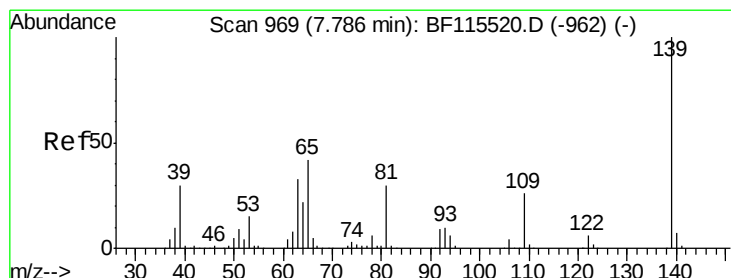
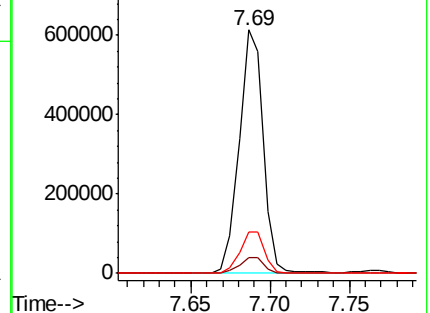
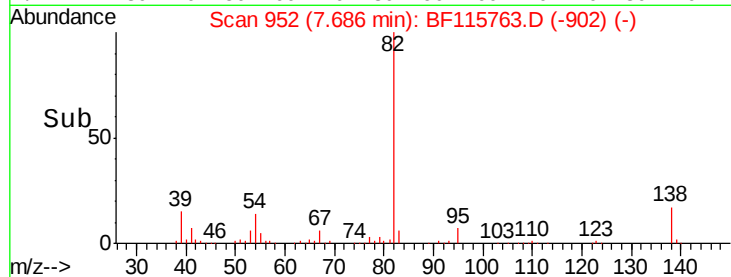
138 17.2 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.973 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

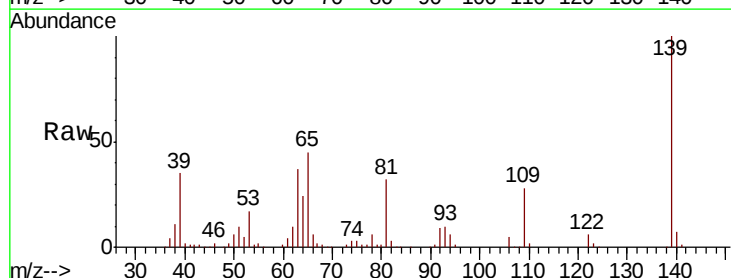
Tgt Ion: 139 Resp: 175548

Ion Ratio Lower Upper

139 100

109 27.9 23.2 34.8

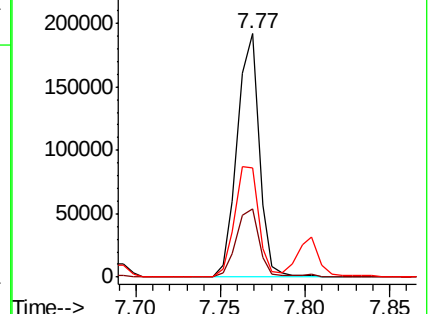
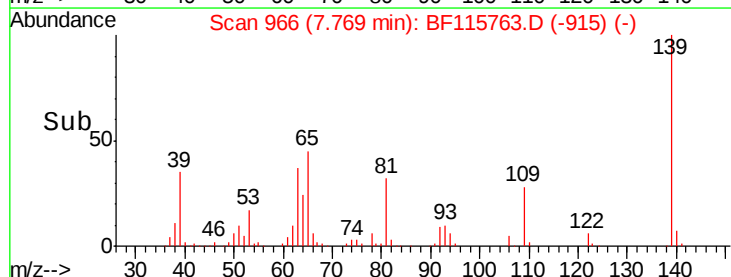
65 45.0 40.5 60.7

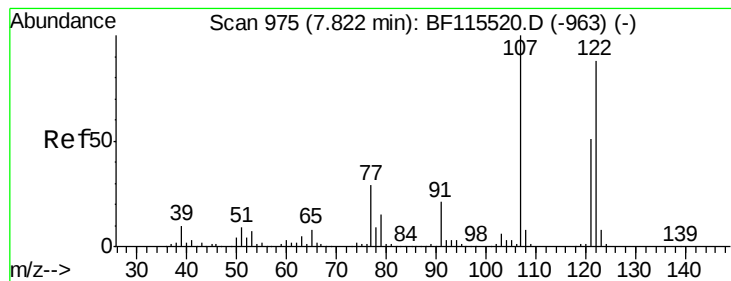


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.066 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

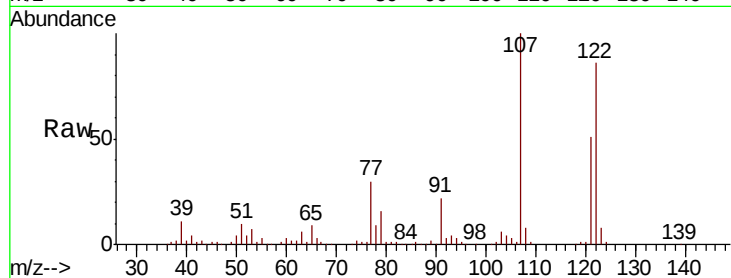
Tot Ion:122 Resp: 286578

Ion Ratio Lower Upper

122 100

107 116.0 92.6 138.8

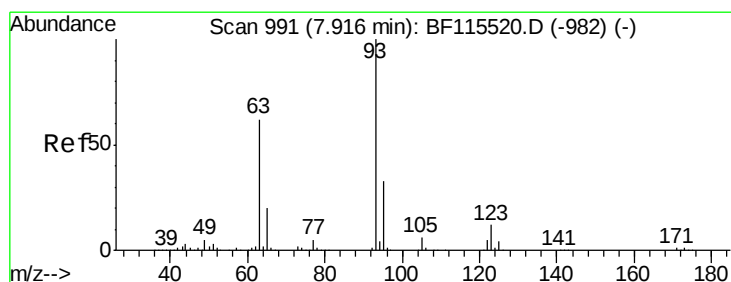
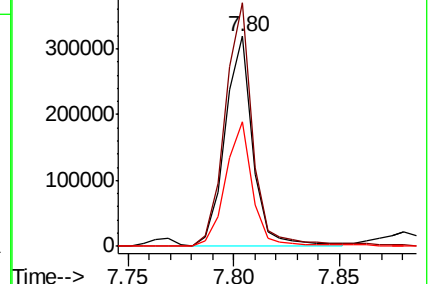
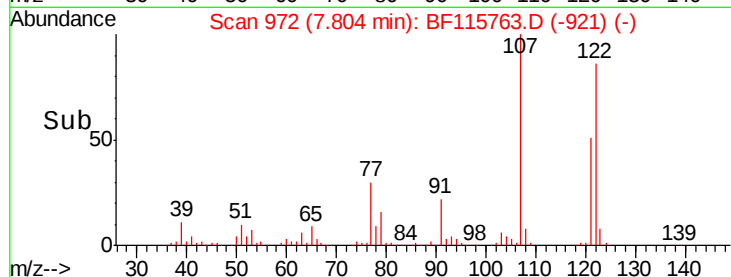
121 59.4 46.2 69.4



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: 34.298 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

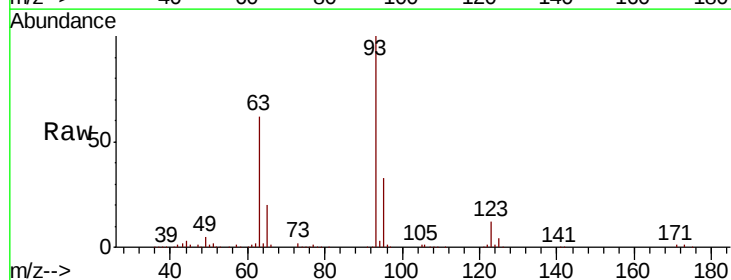
Tgt Ion: 93 Resp: 391883

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

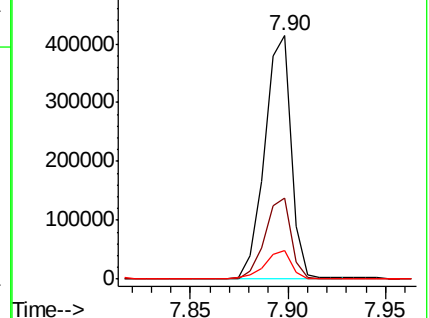
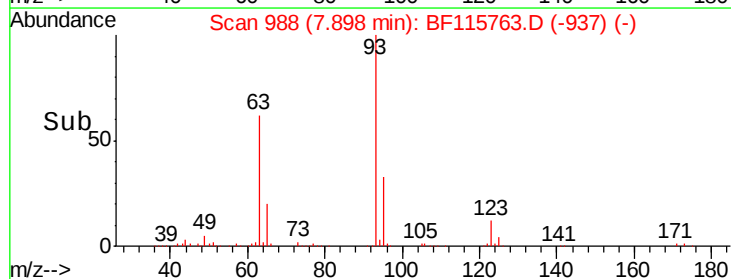
123 11.8 9.3 13.9



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: 35.630 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

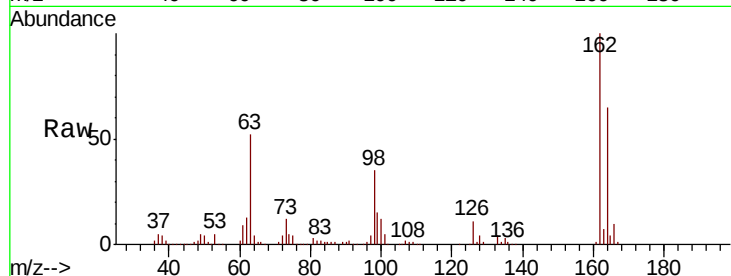
Tot Ion:162 Resp: 286496

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

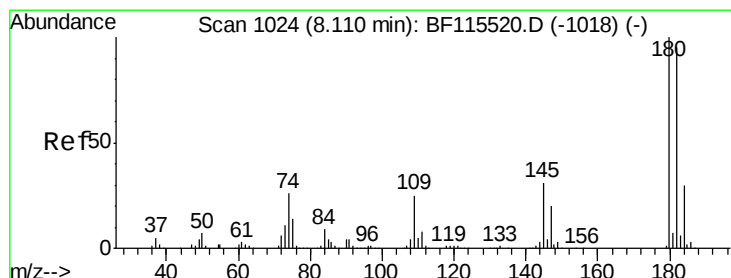
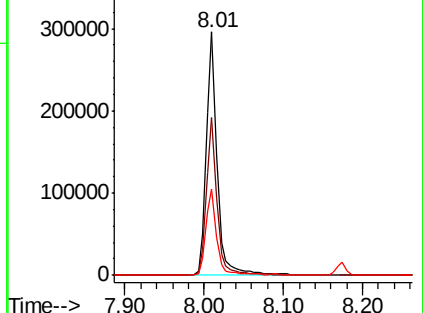
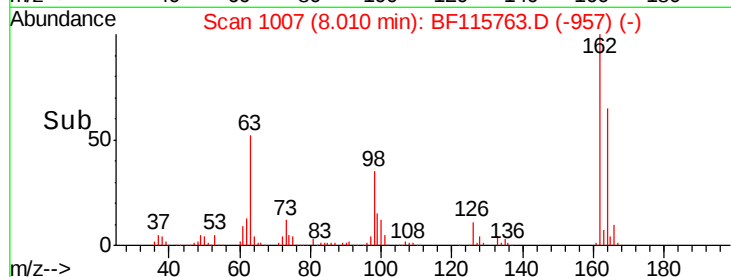
98 35.3 12.9 52.9



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: 32.993 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

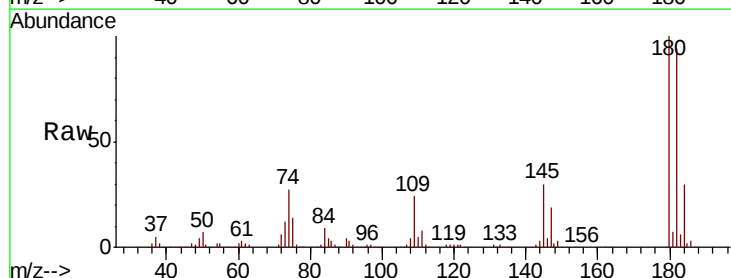
Tgt Ion:180 Resp: 299878

Ion Ratio Lower Upper

180 100

182 94.3 76.7 115.1

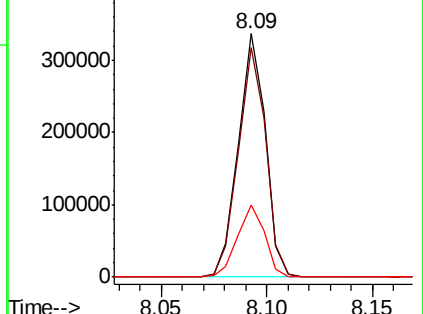
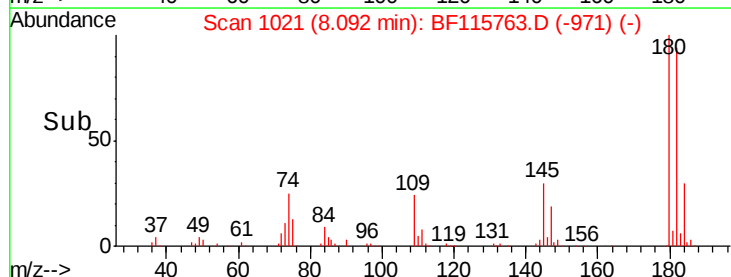
145 29.8 23.6 35.4

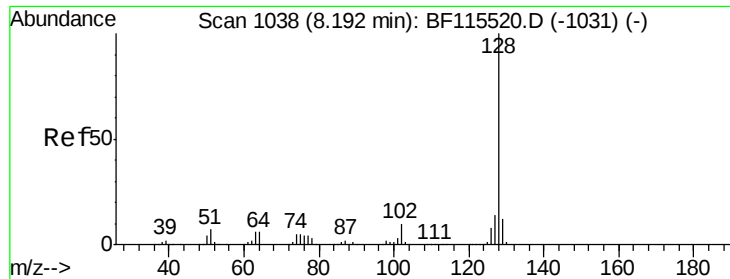


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

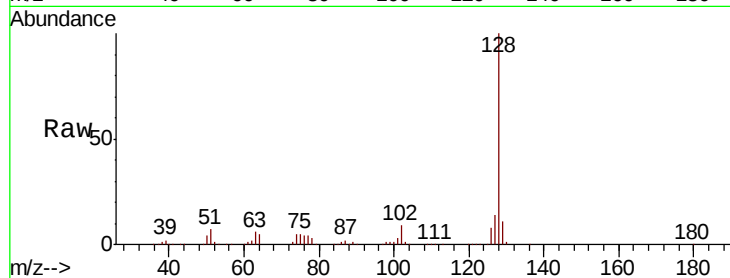




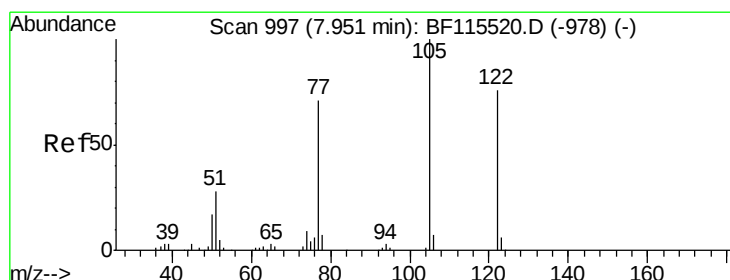
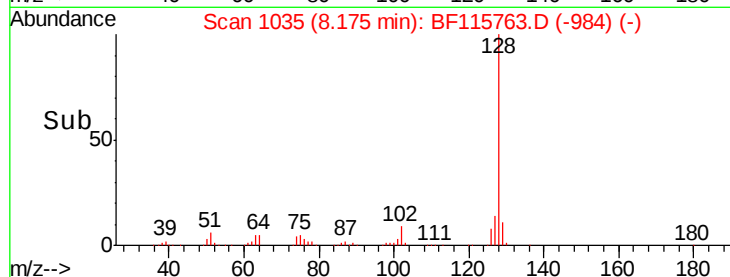
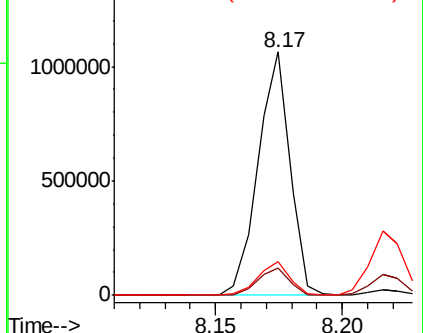
#31
Naphthalene
Concen: 35.627 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:128 Resp: 933806
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.8 10.9 16.3

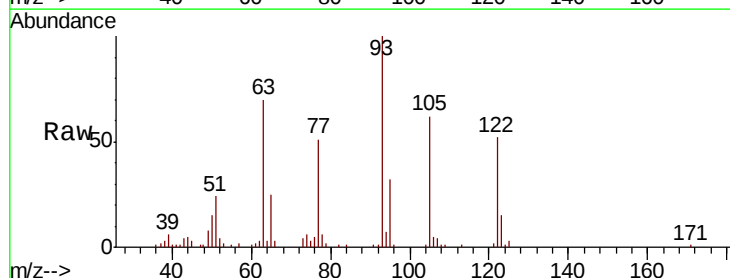


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

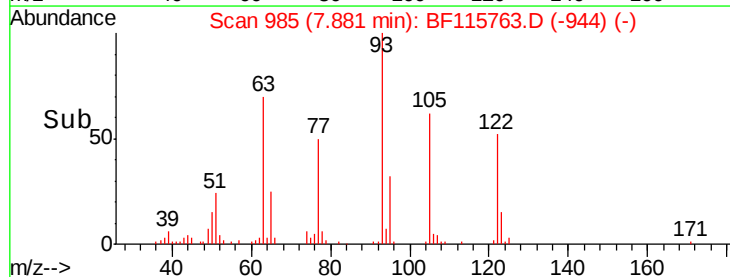
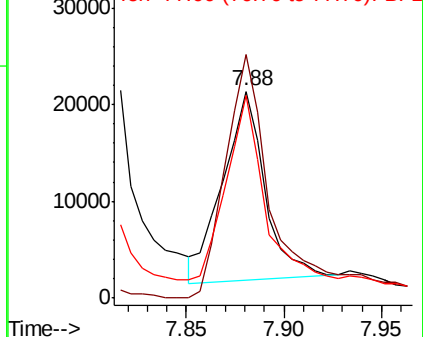


#32
Benzoic acid
Concen: 4.579 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:122 Resp: 29056
Ion Ratio Lower Upper
122 100
105 117.9 102.0 142.0
77 98.0 73.6 113.6



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

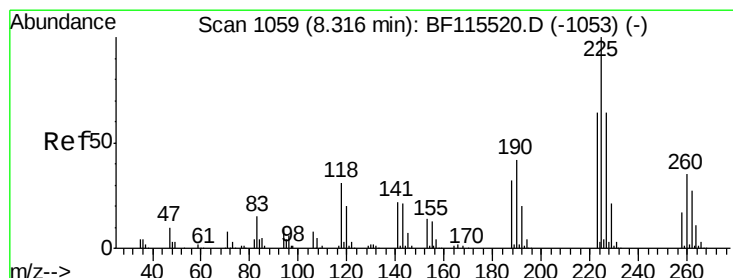
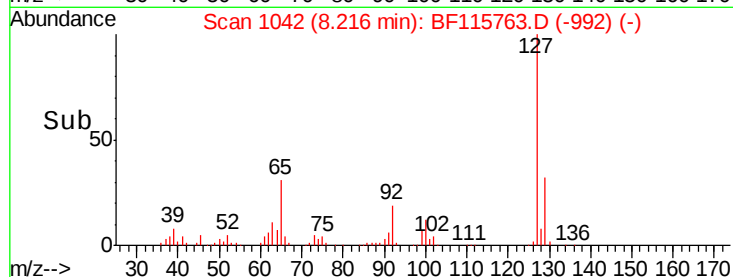
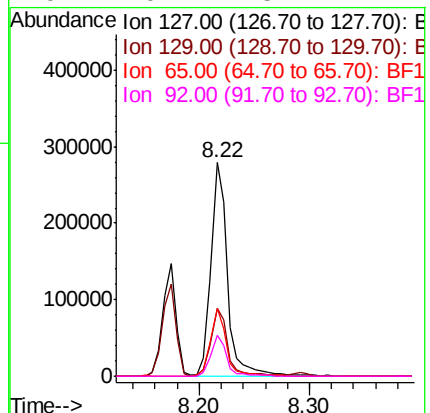
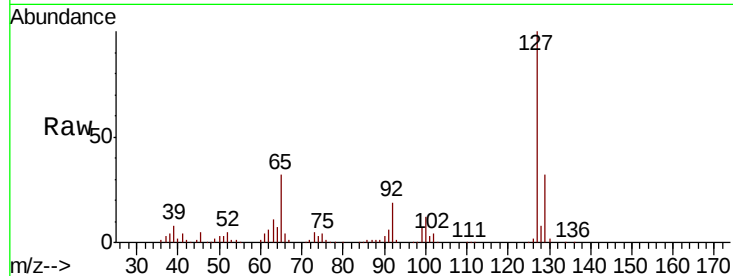




#33
4-Chloroaniline
Concen: 24.320 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

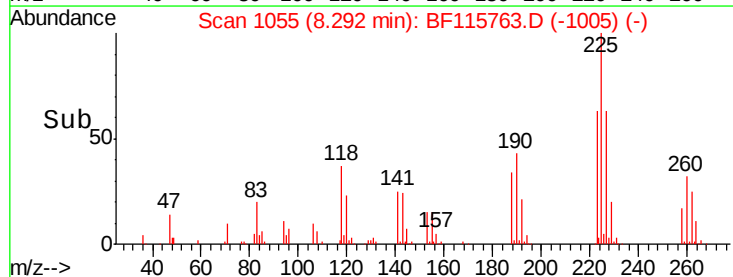
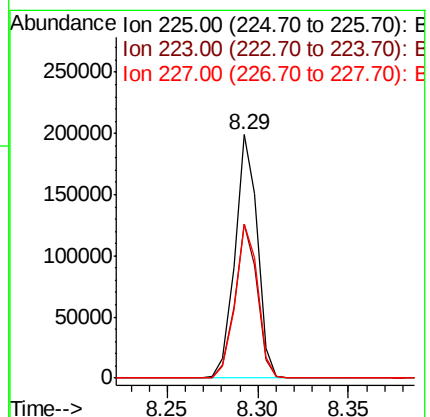
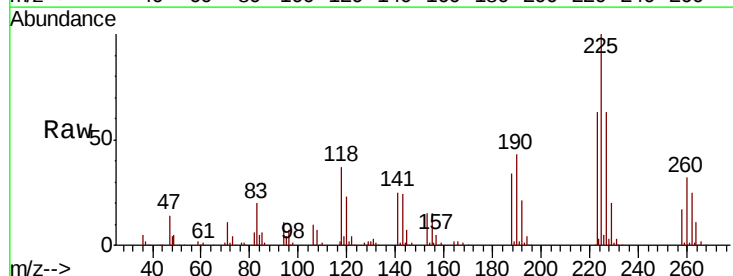
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

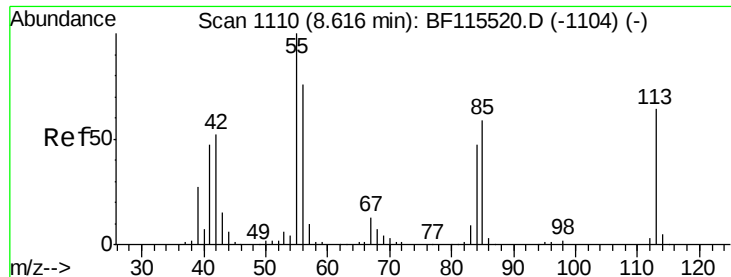
Tot Ion:	127	Resp:	282352
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	31.8	23.8	35.8
92	19.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 32.905 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:	225	Resp:	171506
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.3	52.8	79.2

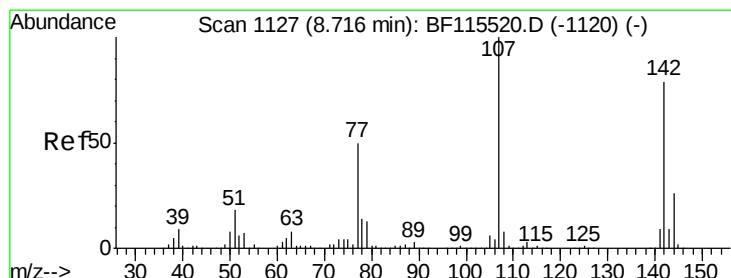
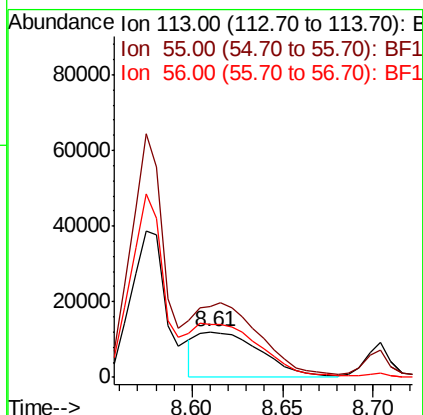
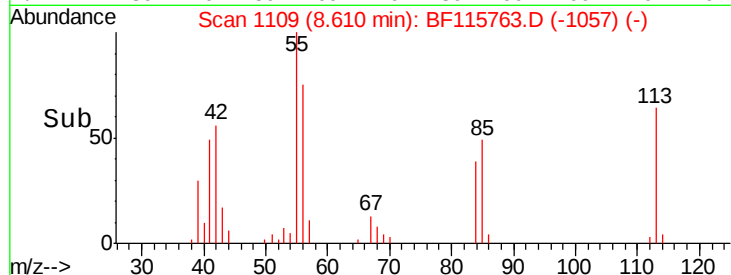
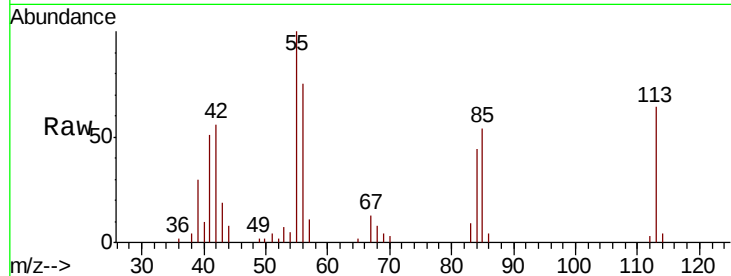




#35
Caprolactam
Concen: 11.881 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

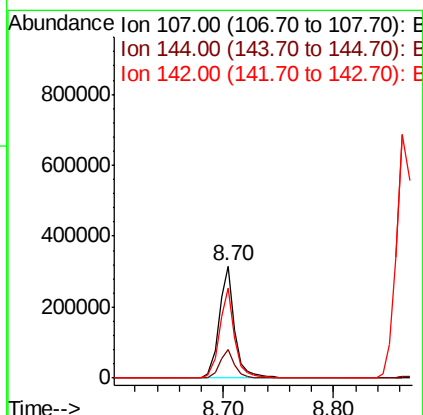
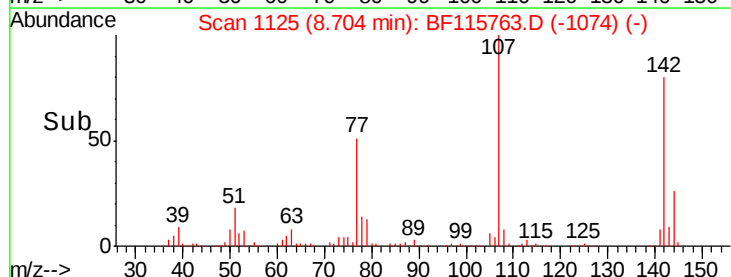
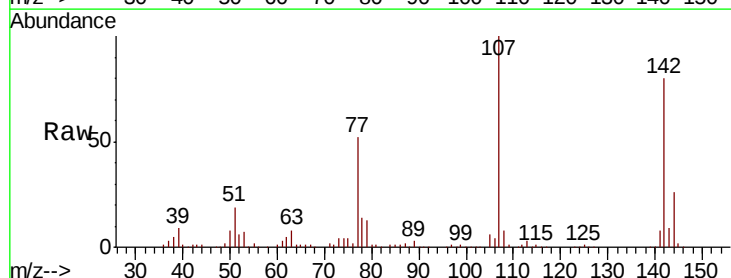
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

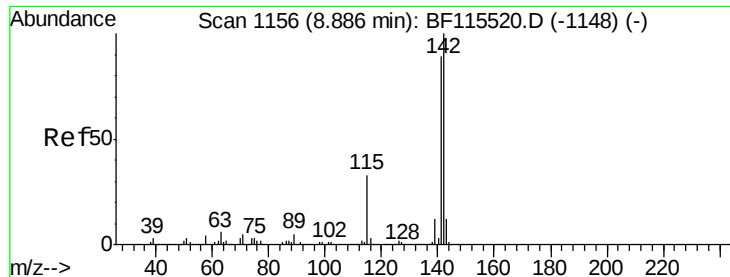
Tot Ion:113 Resp: 29521
Ion Ratio Lower Upper
113 100
55 156.8 130.5 170.5
56 117.8 93.1 133.1



#36
4-Chloro-3-methylphenol
Concen: 36.509 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:107 Resp: 304510
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 80.0 62.3 93.5

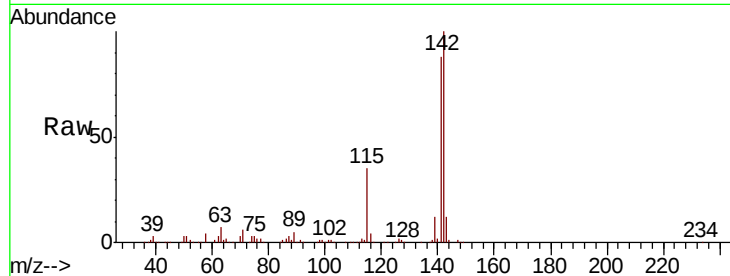




#37
2-Methylnaphthalene
Concen: 37.248 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	35.4	27.7	41.5

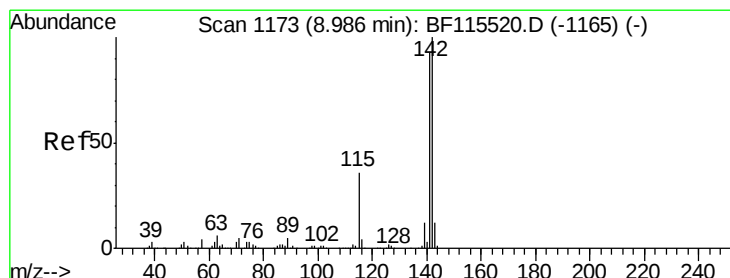
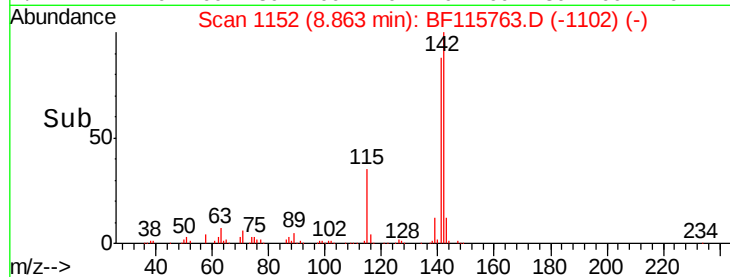
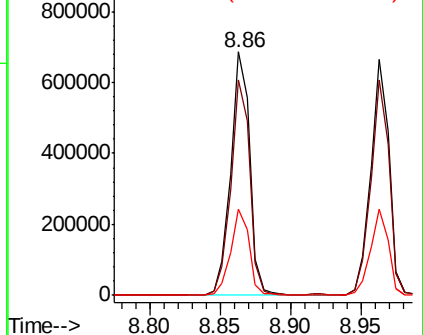


Abundance

Ion 142.00 (141.70 to 142.70): E

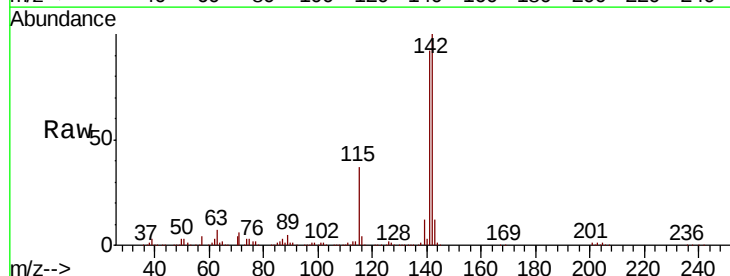
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.291 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.9	110.9
116	3.7	3.0	4.6

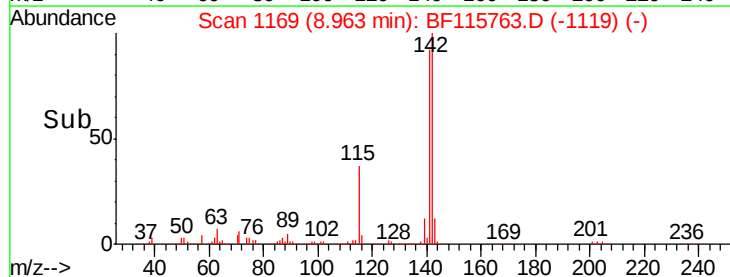
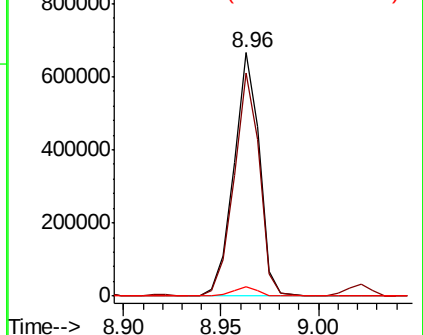


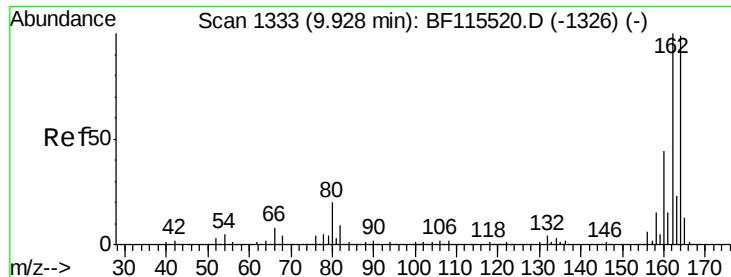
Abundance

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

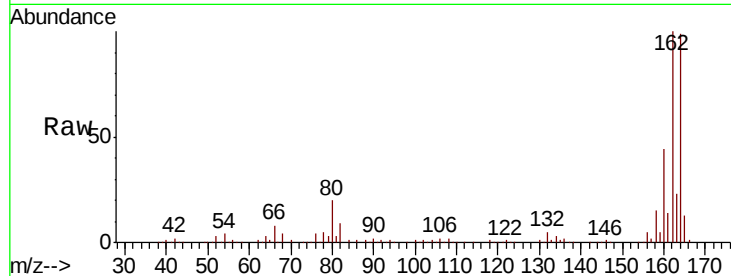




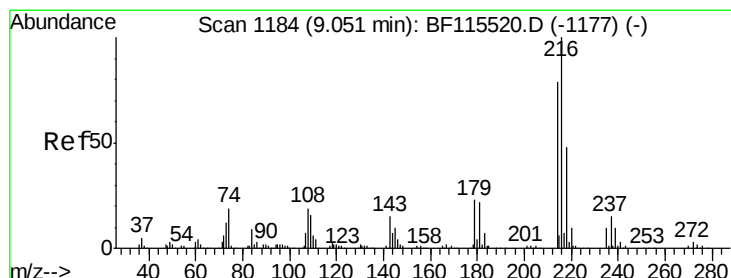
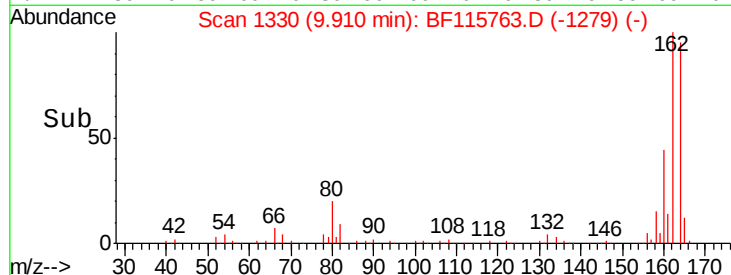
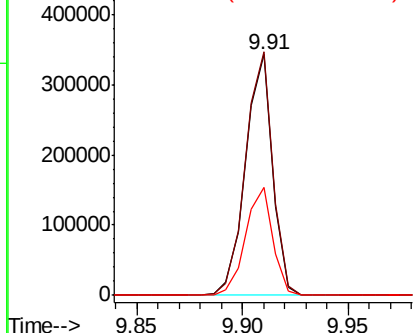
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:164 Resp: 304358
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.8 37.5 56.3

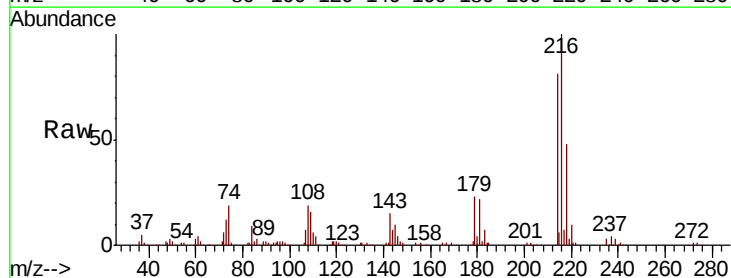


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

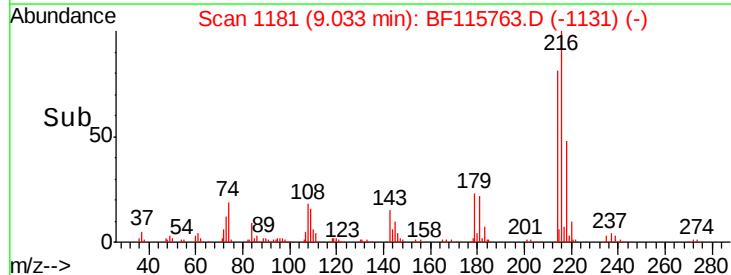
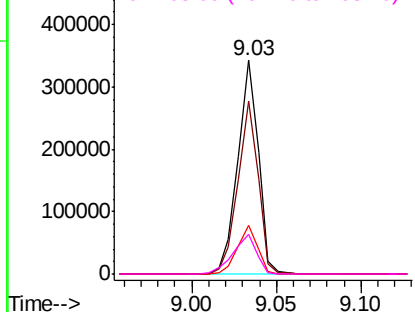


#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.672 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:216 Resp: 290284
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 22.0 17.4 26.2
108 21.1 16.6 25.0



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: 40.212 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

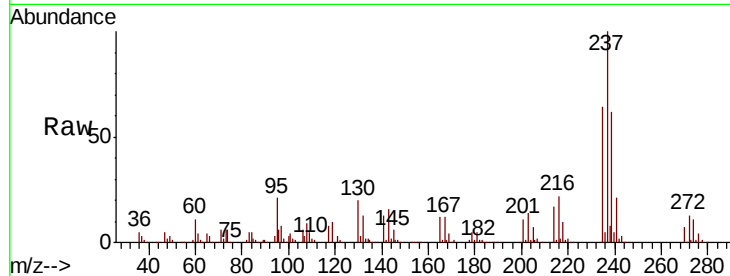
Tot Ion:237 Resp: 210240

Ion Ratio Lower Upper

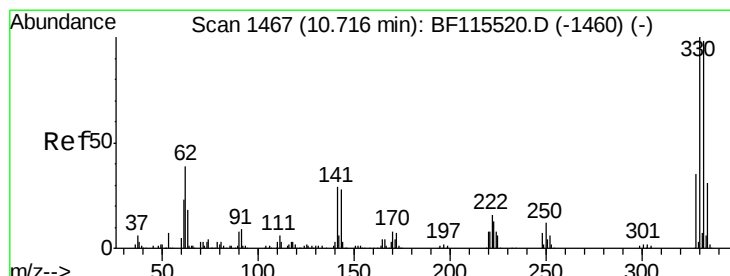
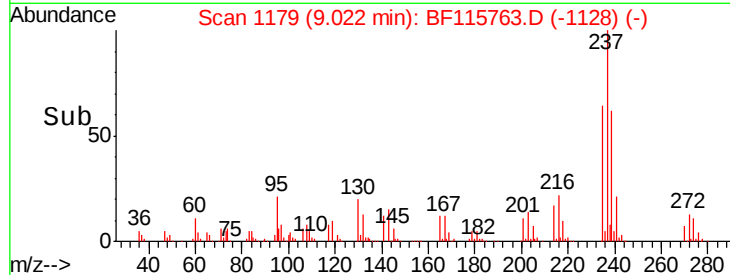
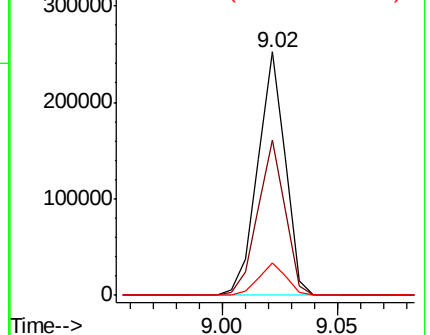
237 100

235 63.9 44.3 84.3

272 13.5 0.0 33.0



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: 88.389 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

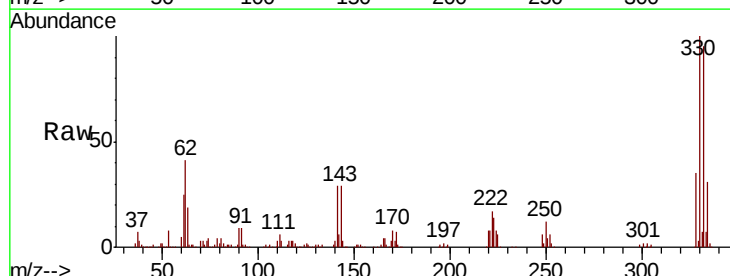
Tgt Ion:330 Resp: 314010

Ion Ratio Lower Upper

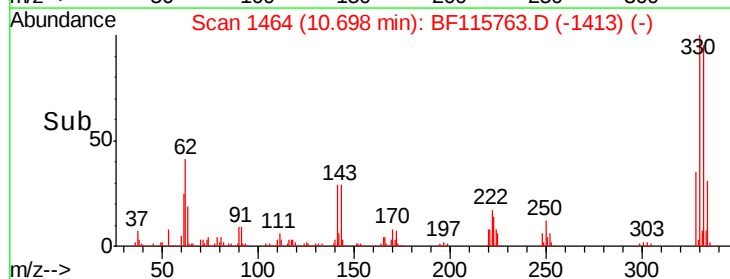
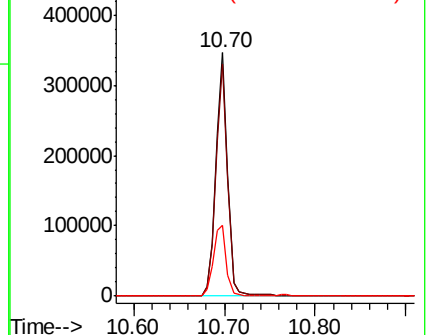
330 100

332 96.6 76.1 114.1

141 32.3 25.9 38.9



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

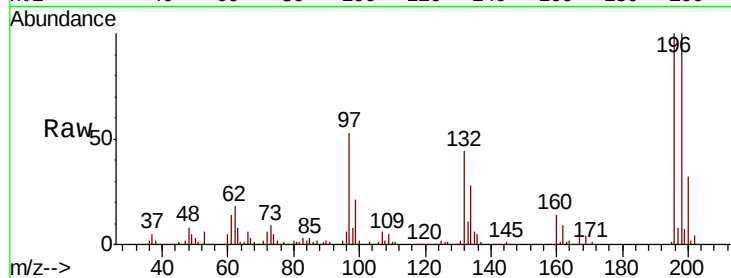




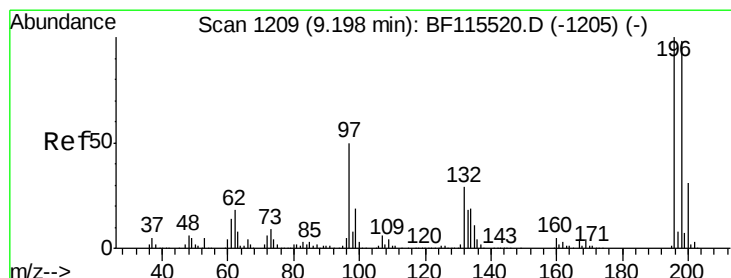
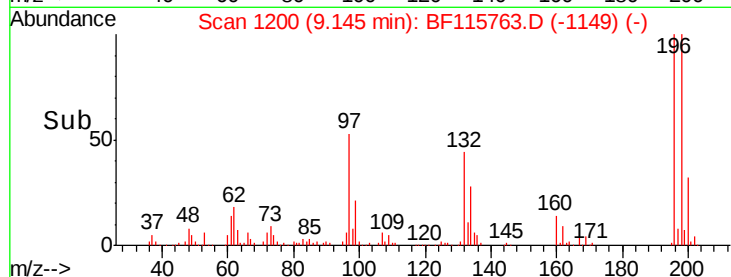
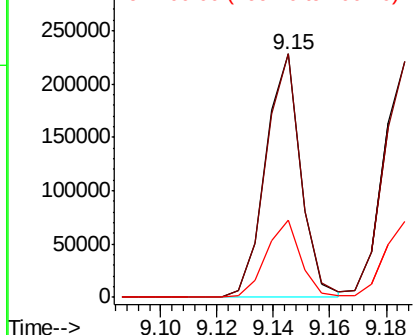
#43
 2,4,6-Trichlorophenol
 Concen: 29.454 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion:196 Resp: 197418
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.8 119.6
 200 31.6 25.4 38.0

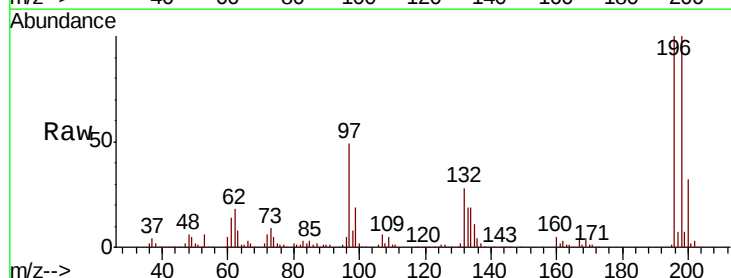


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

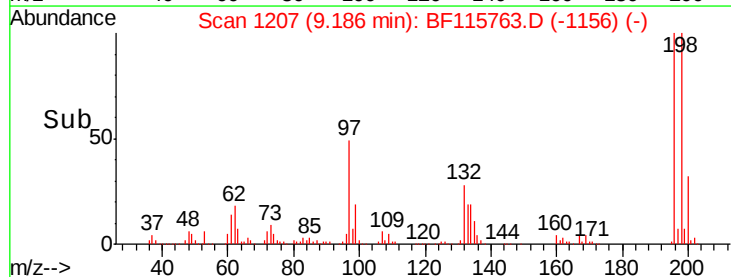
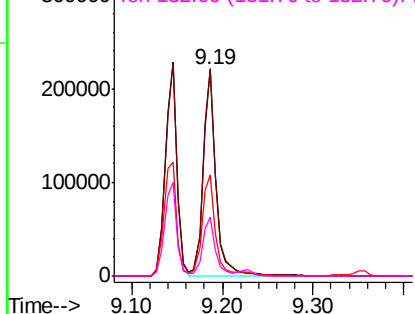


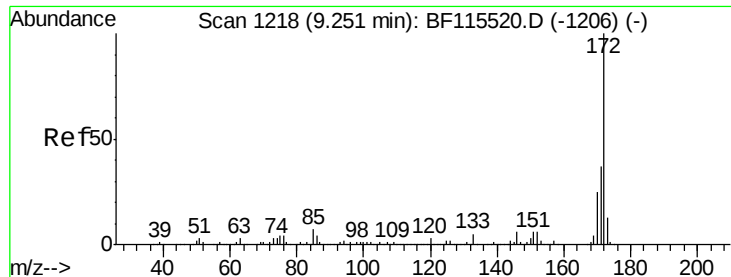
#44
 2,4,5-Trichlorophenol
 Concen: 31.951 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion:196 Resp: 219314
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.2 117.2
 97 48.8 41.9 62.9
 132 28.2 24.1 36.1



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

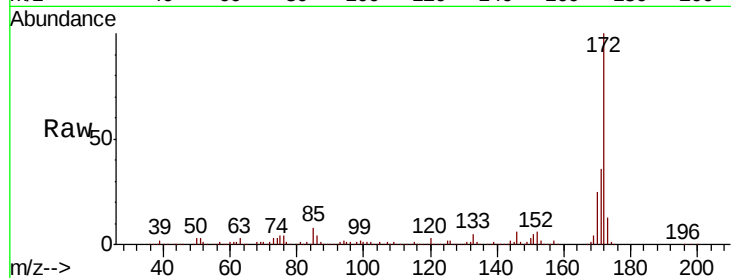




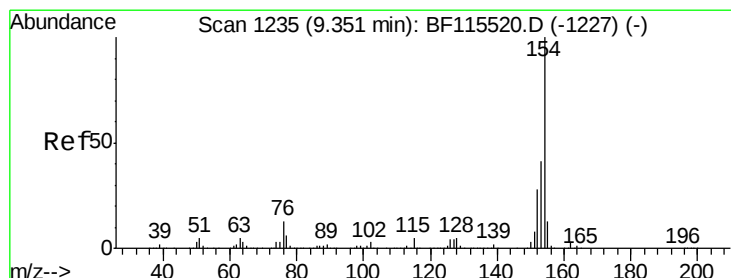
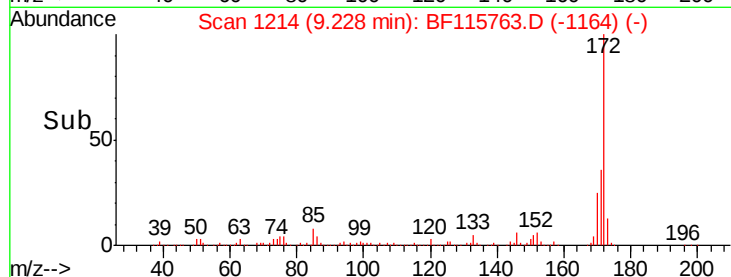
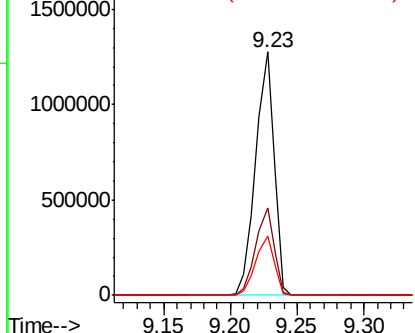
#45
2-Fluorobiphenyl
Concen: 69.377 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:172 Resp: 1206404
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.6 20.1 30.1

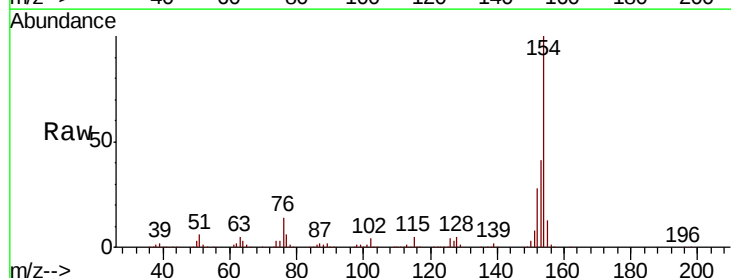


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

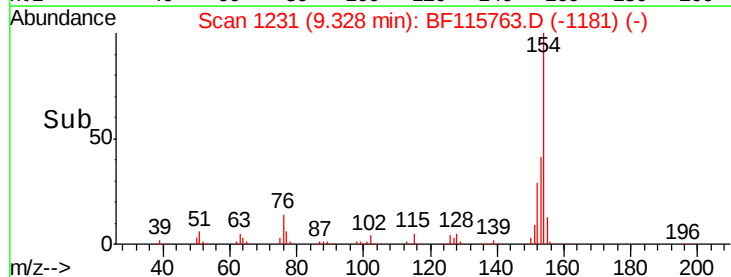
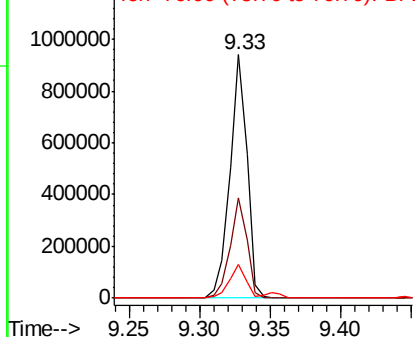


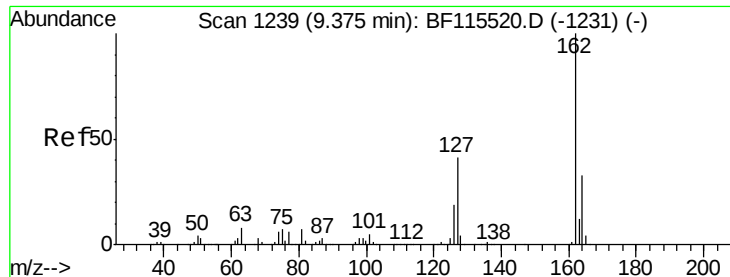
#46
1,1'-Biphenyl
Concen: 33.316 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:154 Resp: 792734
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 13.6 0.0 33.2



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

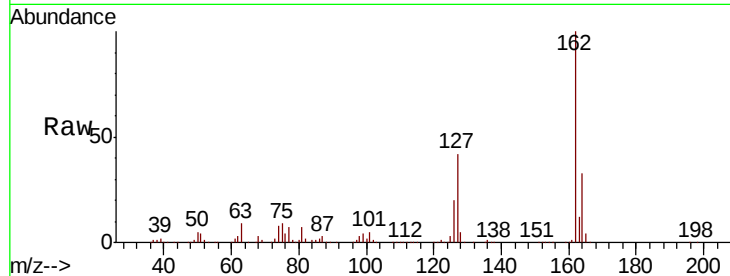




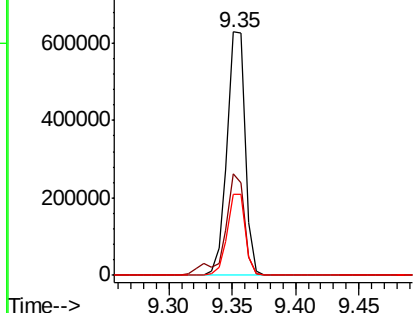
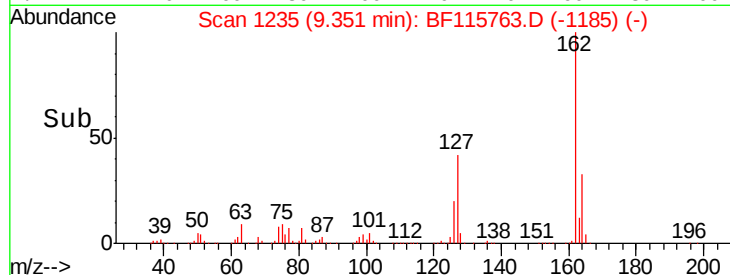
#47
 2-Chloronaphthalene
 Concen: 31.466 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion:162 Resp: 623422
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.1 48.1
 164 33.1 26.2 39.4

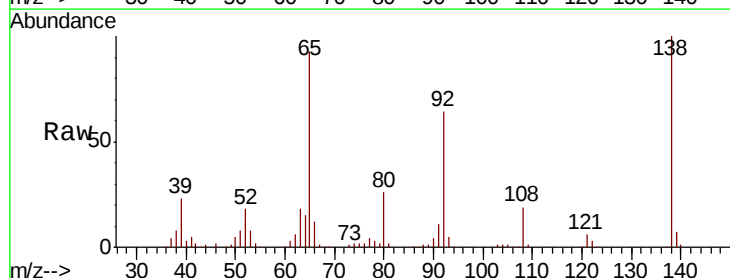


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

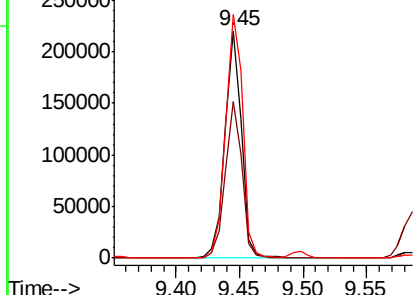
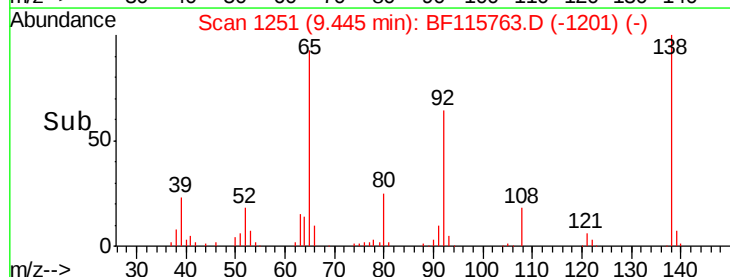


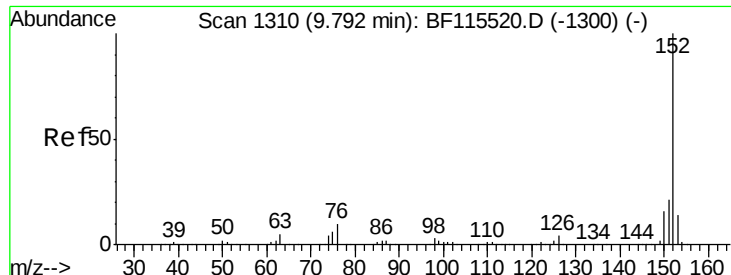
#48
 2-Nitroaniline
 Concen: 32.554 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion: 65 Resp: 199627
 Ion Ratio Lower Upper
 65 100
 92 69.1 56.9 85.3
 138 107.2 91.4 137.2



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: 32.768 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

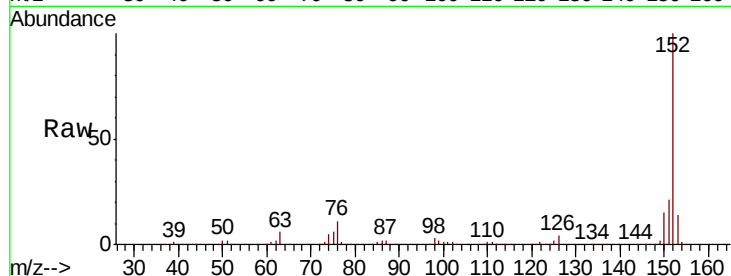
Tot Ion:152 Resp: 961981

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

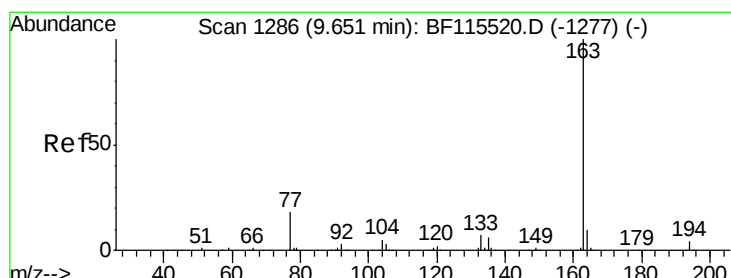
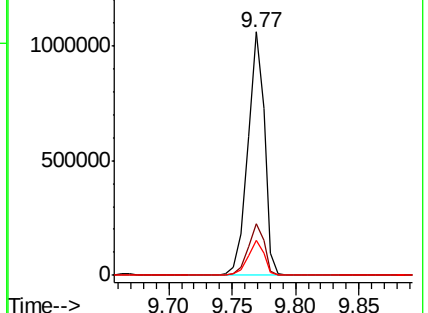
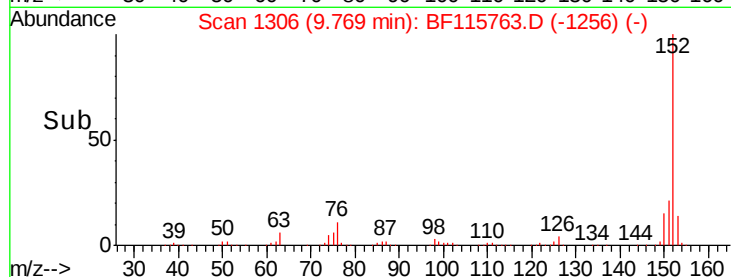
153 14.4 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.013 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

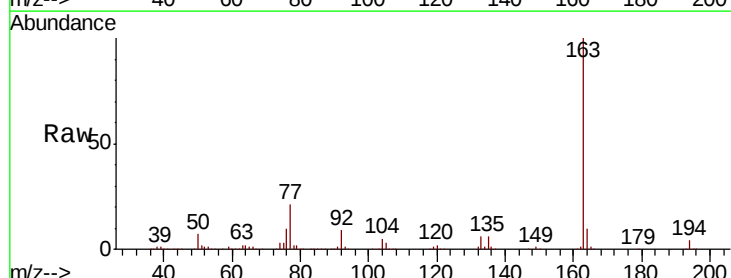
Tgt Ion:163 Resp: 984951

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

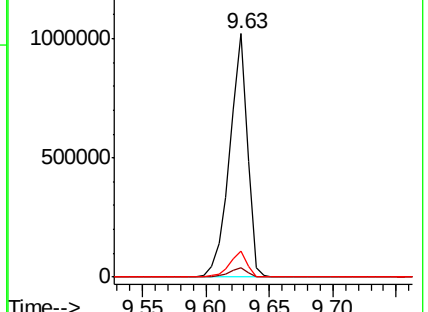
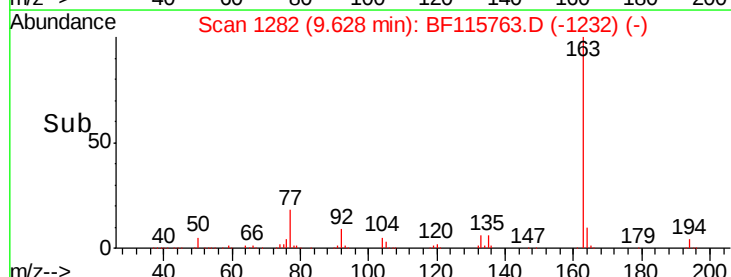
164 10.4 8.3 12.5

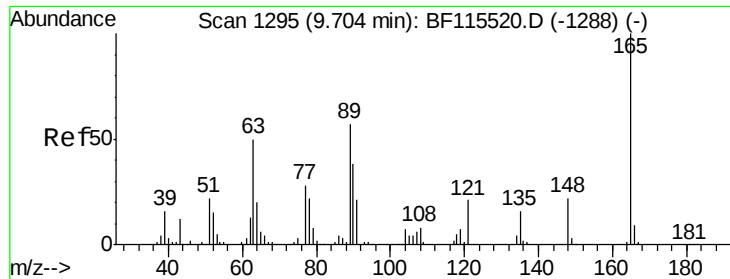


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.161 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

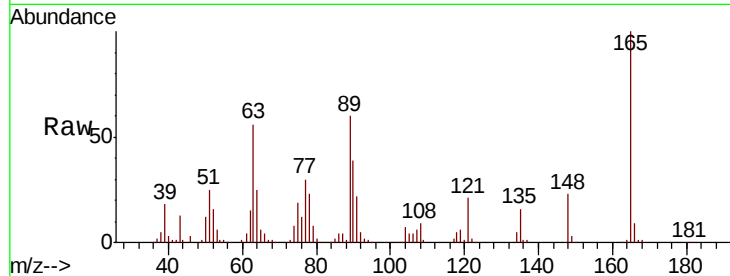
Tot Ion:165 Resp: 167362

Ion Ratio Lower Upper

165 100

63 55.7 43.5 65.3

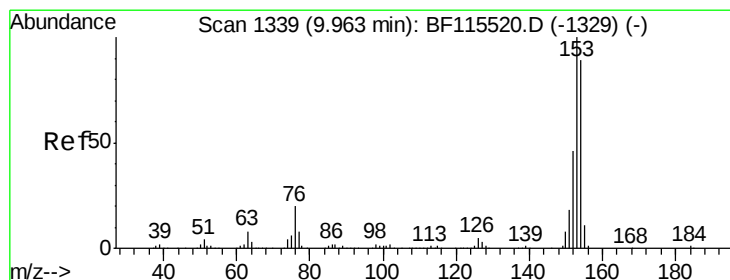
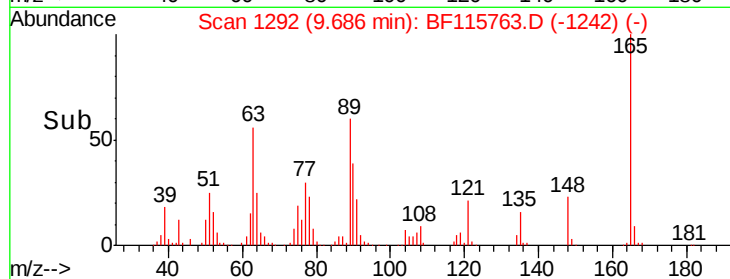
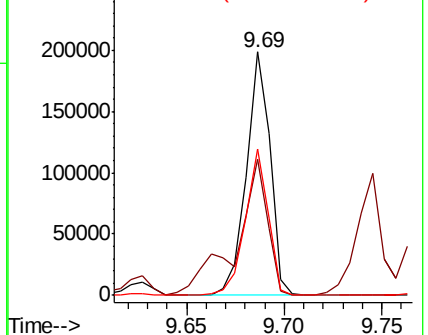
89 60.0 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 31.232 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

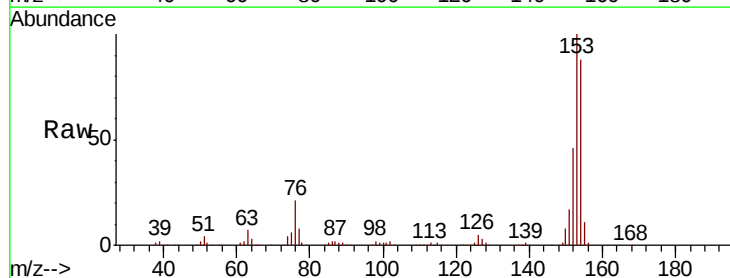
Tgt Ion:154 Resp: 591947

Ion Ratio Lower Upper

154 100

153 114.1 88.1 132.1

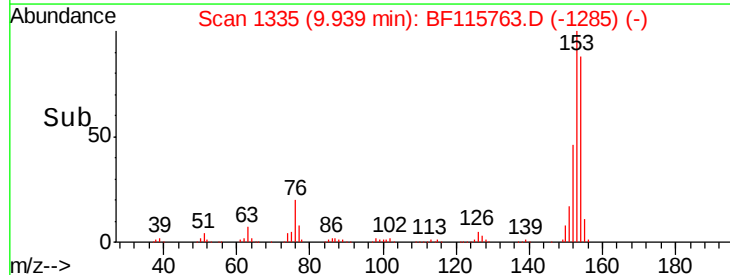
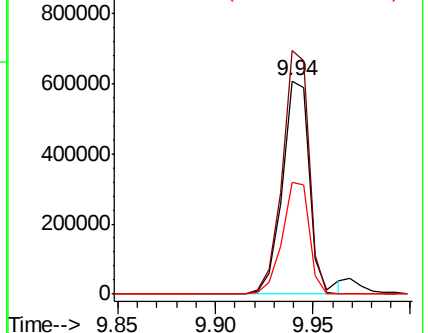
152 52.5 42.0 63.0

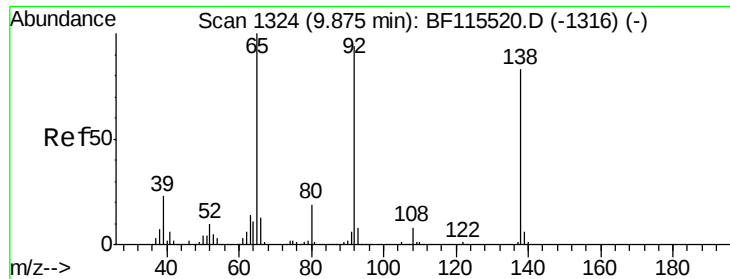


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

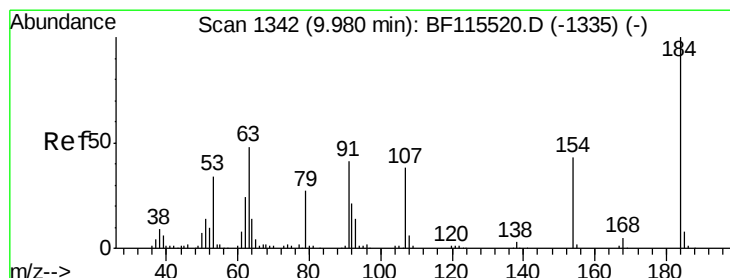
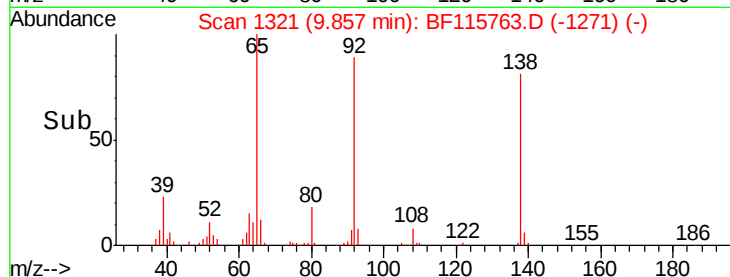
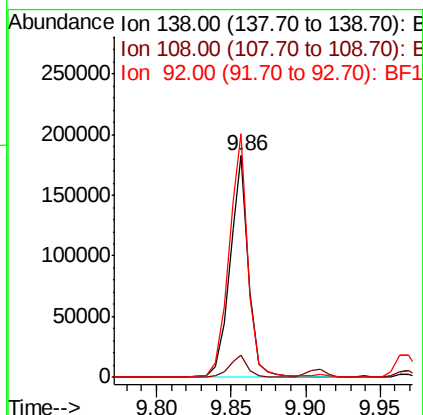
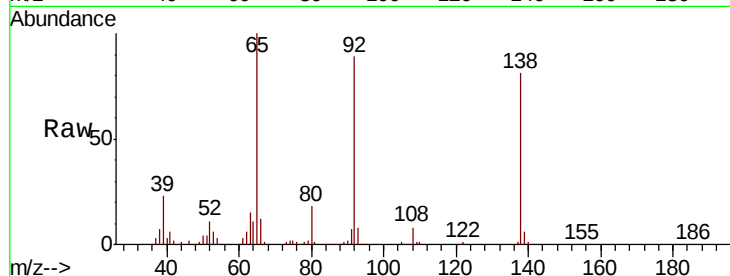




#53
 3-Nitroaniline
 Concen: 26.746 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

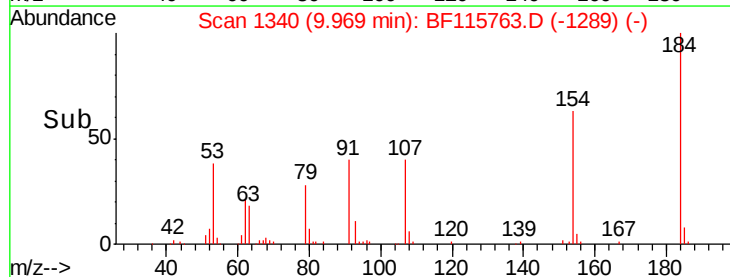
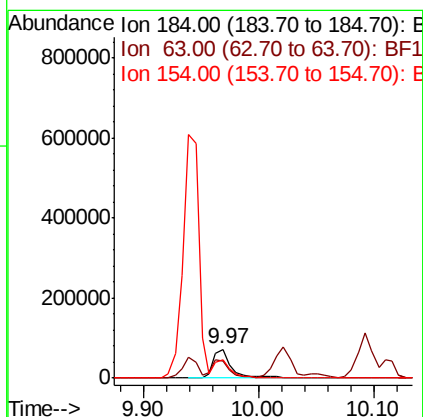
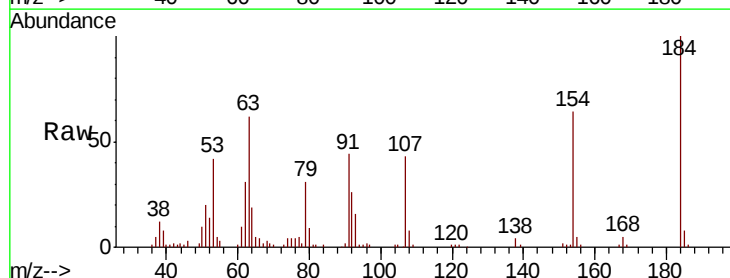
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

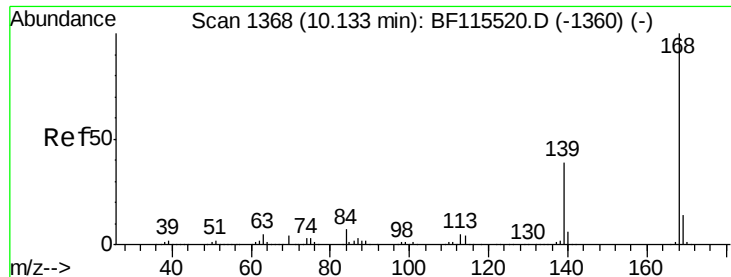
Tot Ion:138 Resp: 159053
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.9 11.9
 92 109.9 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 29.650 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion:184 Resp: 79220
 Ion Ratio Lower Upper
 184 100
 63 61.5 55.2 82.8
 154 63.8 51.4 77.0





#55

Dibenzenofuran

Concen: 32.655 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

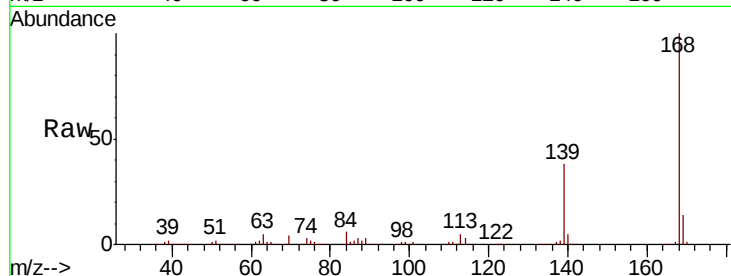
Tot Ion:168 Resp: 878944

Ion Ratio Lower Upper

168 100

139 37.8 31.4 47.2

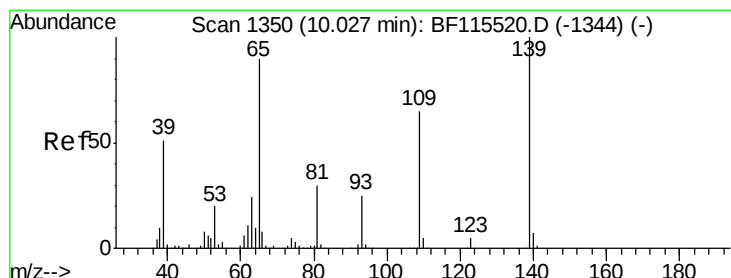
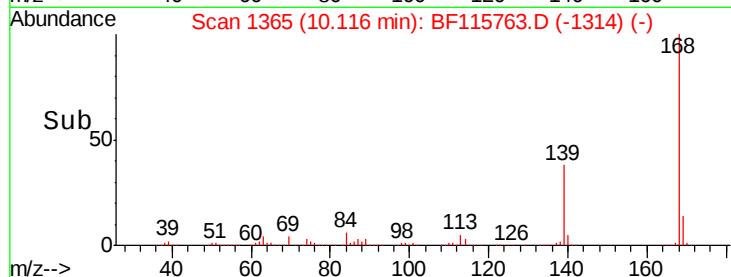
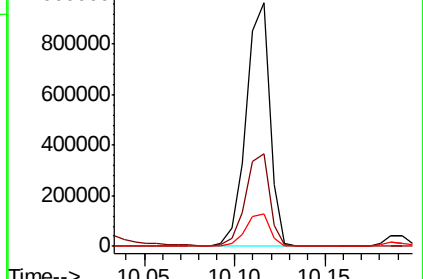
169 13.6 11.3 16.9



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: 64.342 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

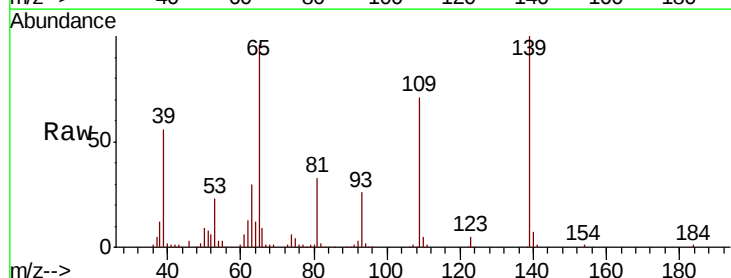
Tgt Ion:139 Resp: 291778

Ion Ratio Lower Upper

139 100

109 71.2 51.2 91.2

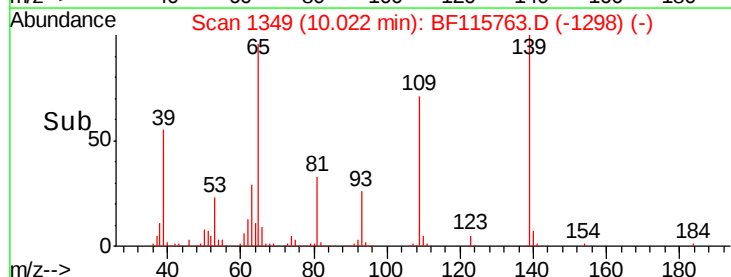
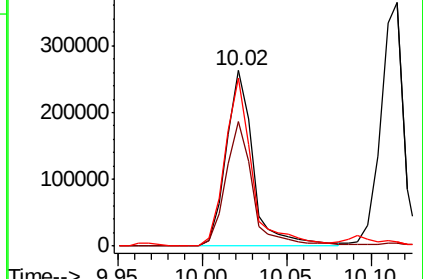
65 96.0 76.0 116.0



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

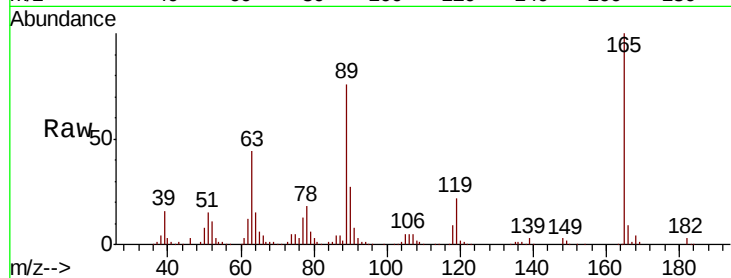




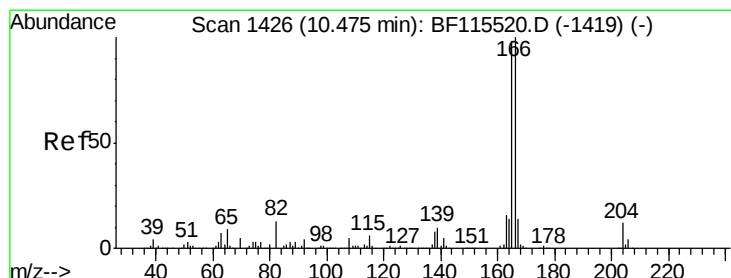
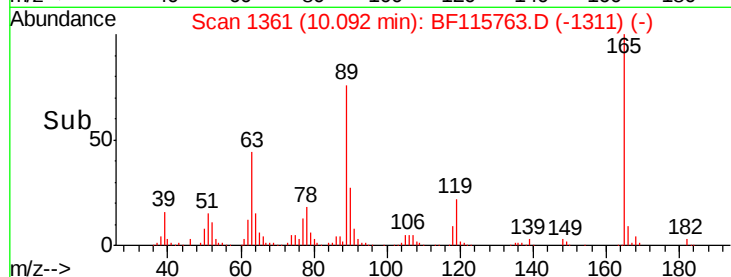
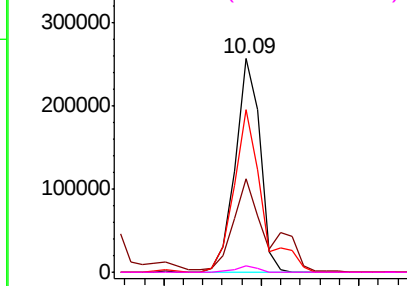
#57
2,4-Dinitrotoluene
Concen: 33.505 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:165 Resp: 225888
Ion Ratio Lower Upper
165 100
63 43.8 33.4 50.2
89 76.4 57.3 85.9
182 2.8 2.1 3.1

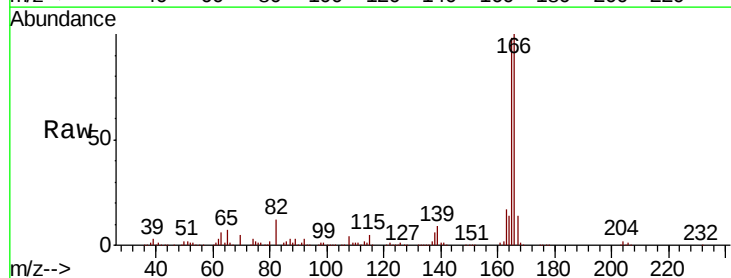


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

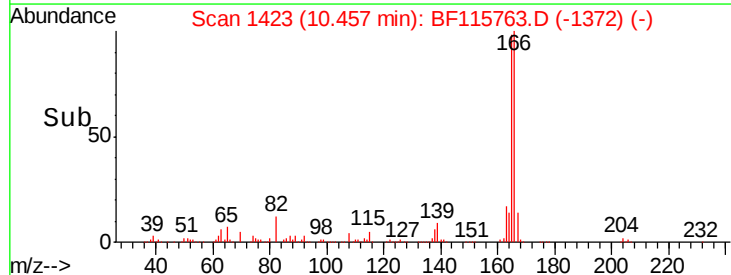
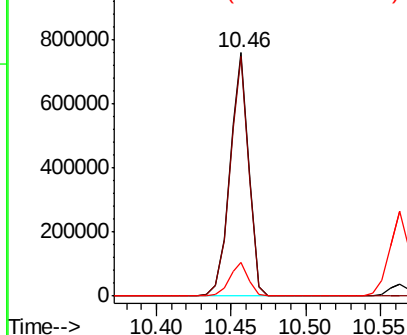


#58
Fluorene
Concen: 35.030 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:166 Resp: 674056
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.4
167 13.6 11.0 16.6



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

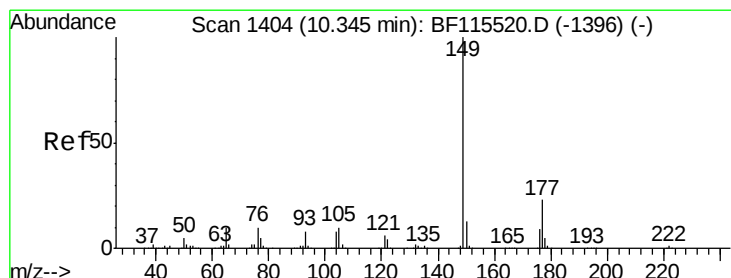
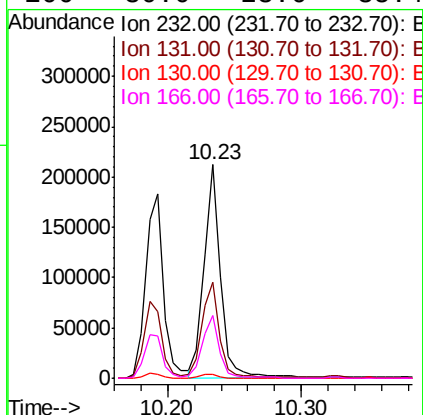
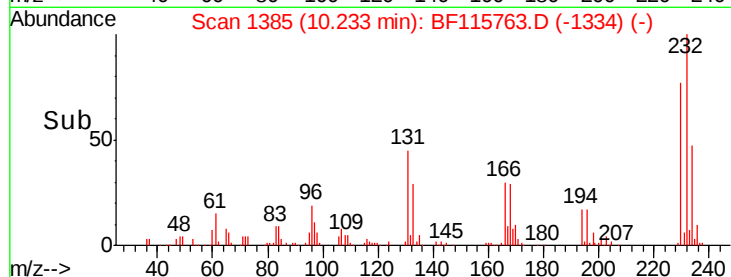
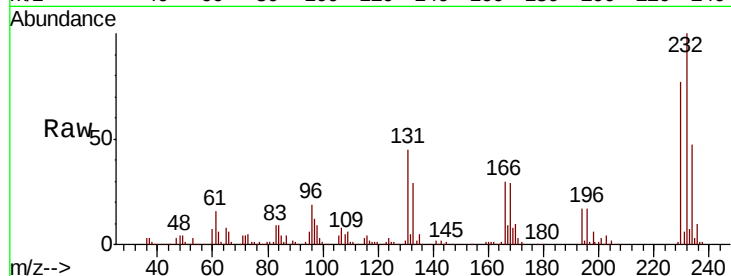




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.803 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

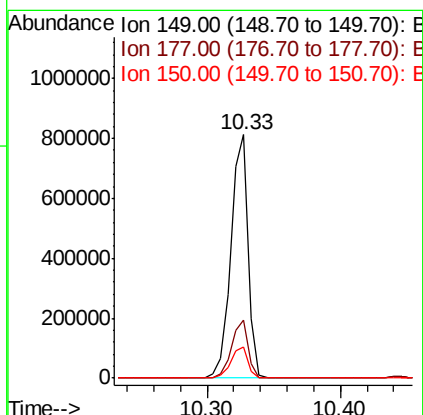
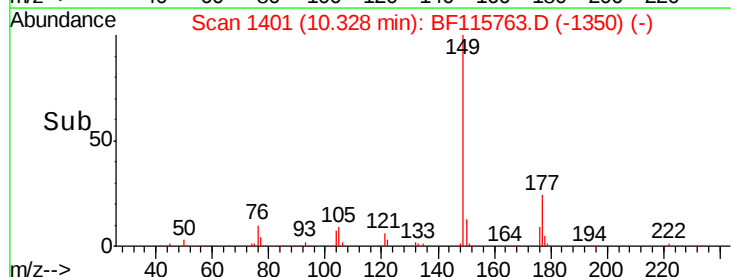
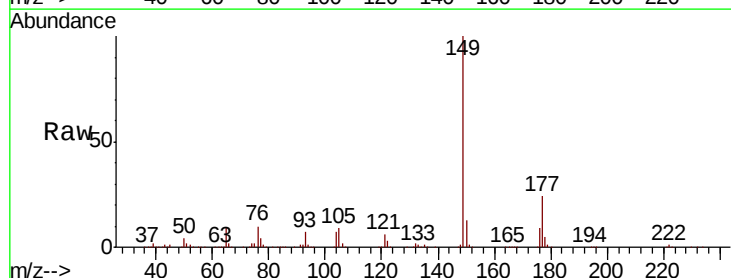
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion:232 Resp: 182487
 Ion Ratio Lower Upper
 232 100
 131 47.0 35.8 53.8
 130 2.2 1.8 2.6
 166 30.0 23.6 35.4



#60
 Diethylphthalate
 Concen: 34.476 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion:149 Resp: 739701
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.0 28.4
 150 12.5 10.5 15.7

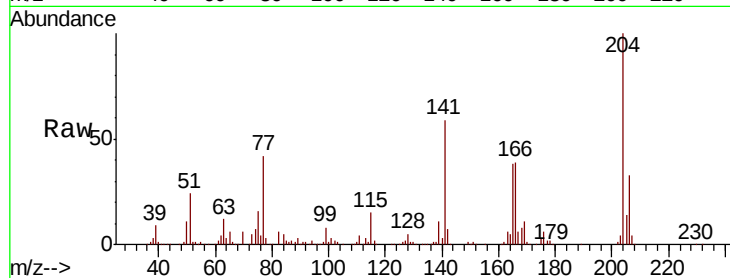




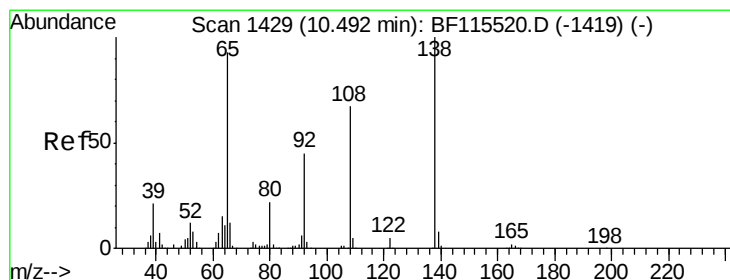
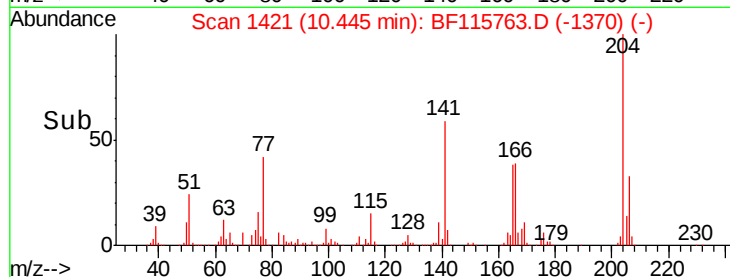
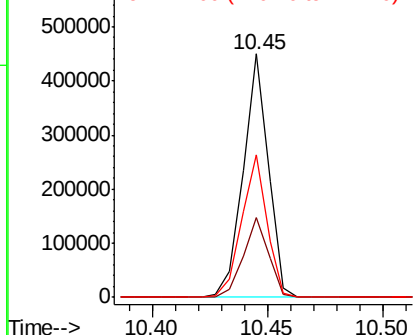
#61
4-Chlorophenyl-phenylether
Concen: 32.156 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:204 Resp: 343128
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 58.6 47.3 70.9

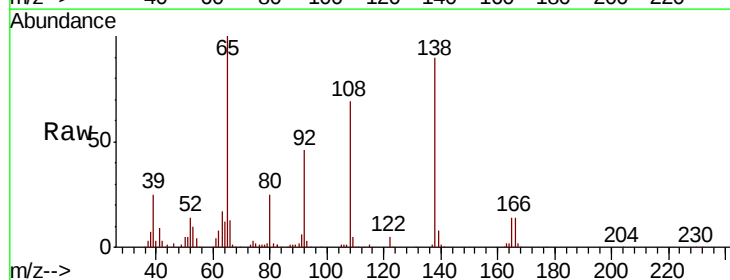


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

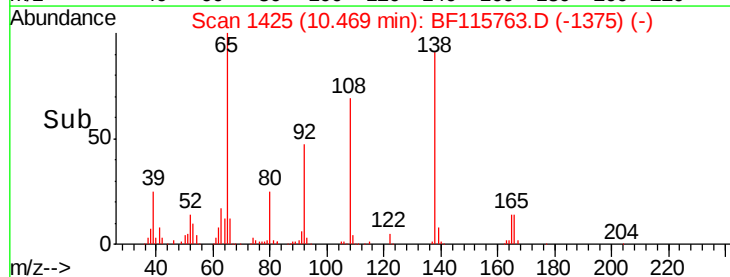
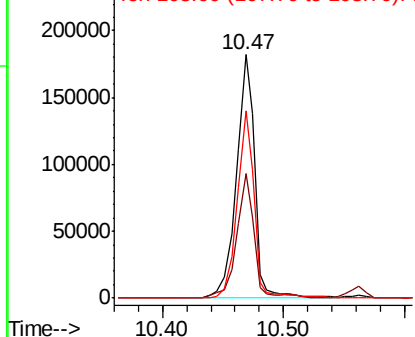


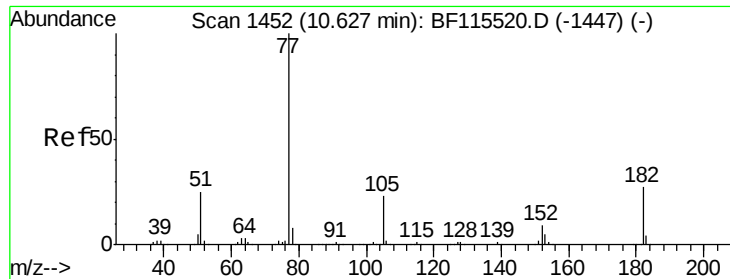
#62
4-Nitroaniline
Concen: 33.701 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:138 Resp: 192240
Ion Ratio Lower Upper
138 100
92 51.4 30.3 70.3
108 76.8 55.0 95.0



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

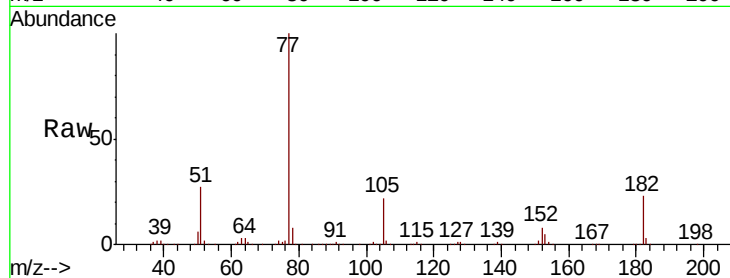




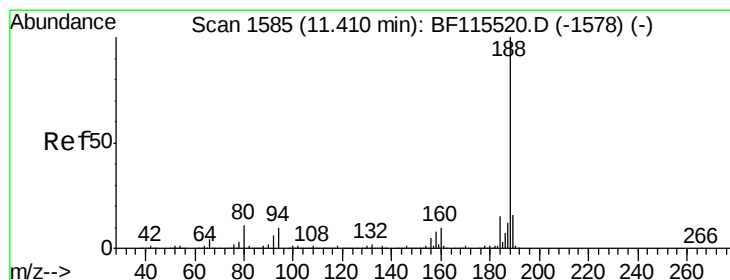
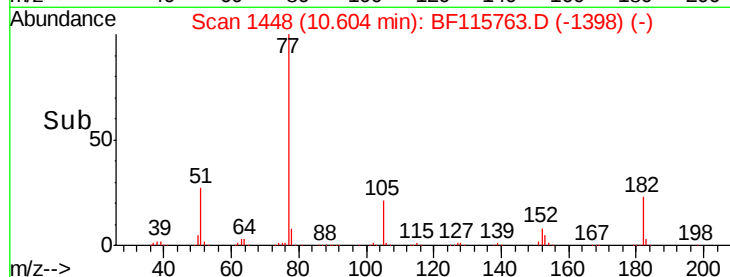
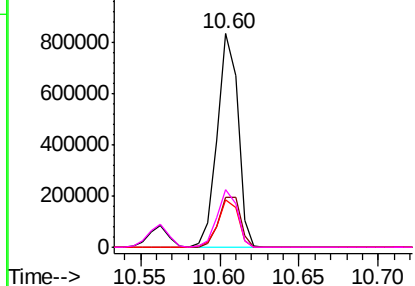
#63
Azobenzene
Concen: 36.192 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	6.9	46.9
105	22.0	3.1	43.1
51	27.2	6.7	46.7

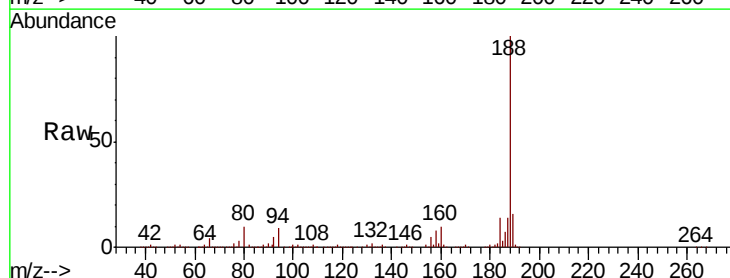


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

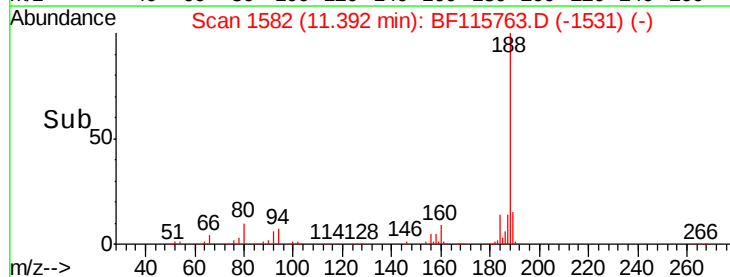
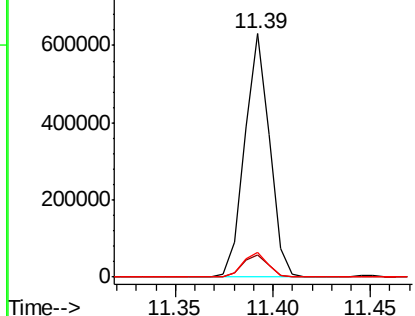


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	10.2	9.0	13.6



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: 25.693 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

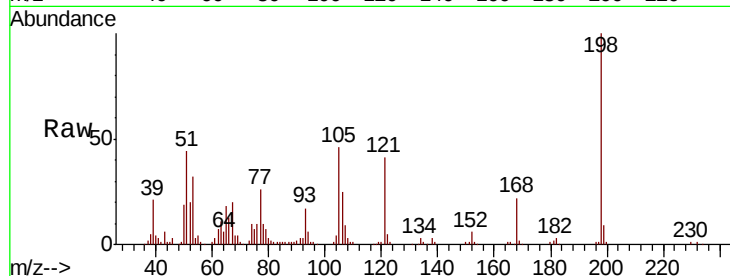
Tot Ion:198 Resp: 87591

Ion Ratio Lower Upper

198 100

51 43.6 20.3 60.3

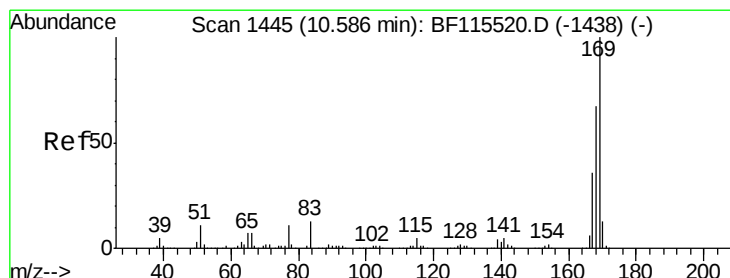
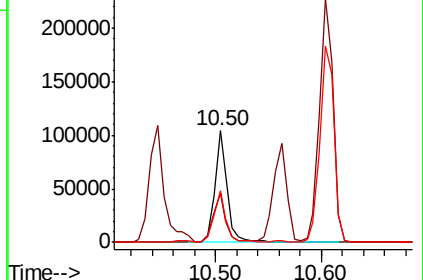
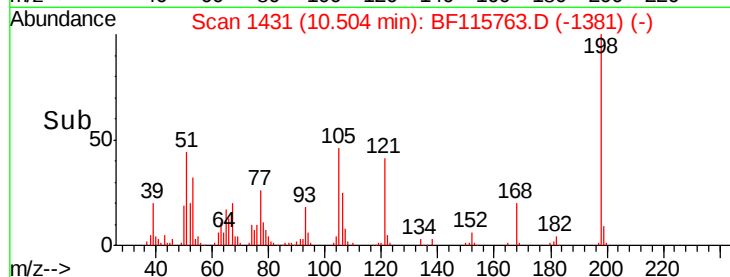
105 46.1 24.7 64.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.772 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

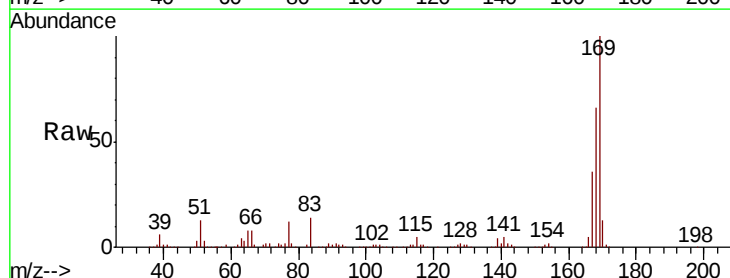
Tgt Ion:169 Resp: 620884

Ion Ratio Lower Upper

169 100

168 66.2 53.4 80.0

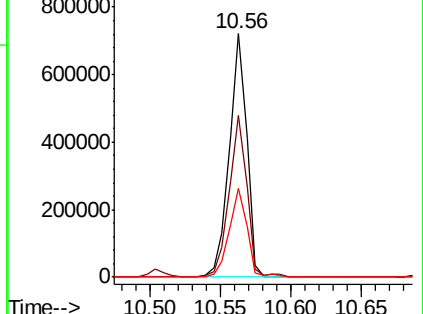
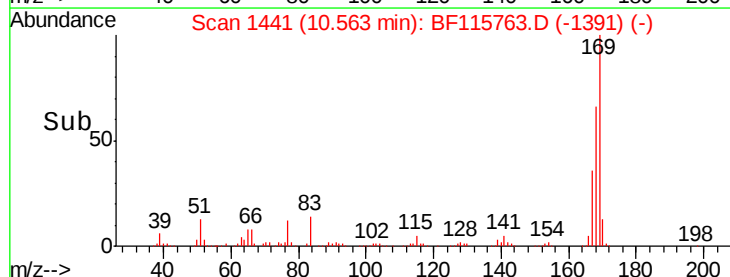
167 36.4 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

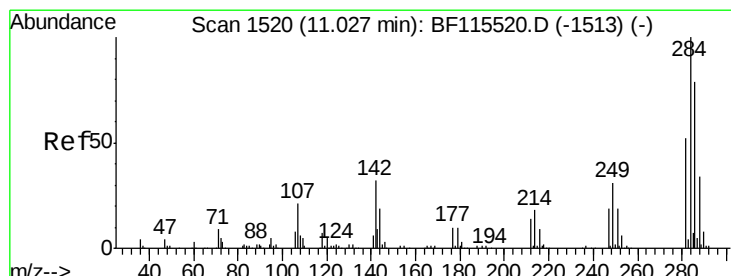
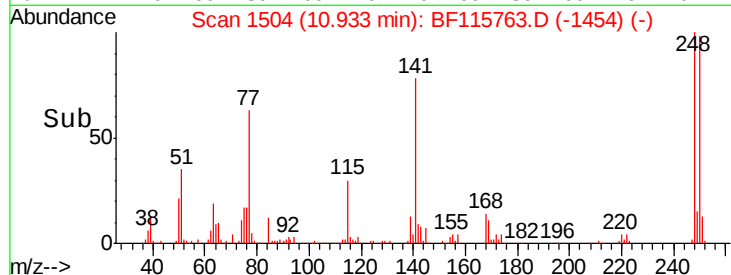
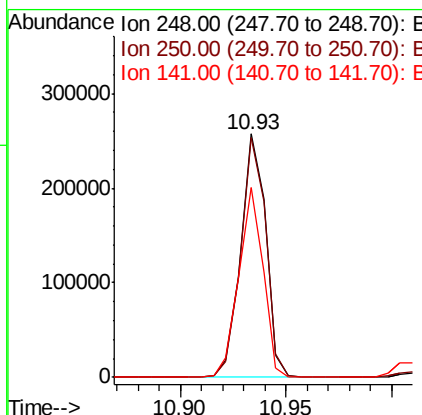
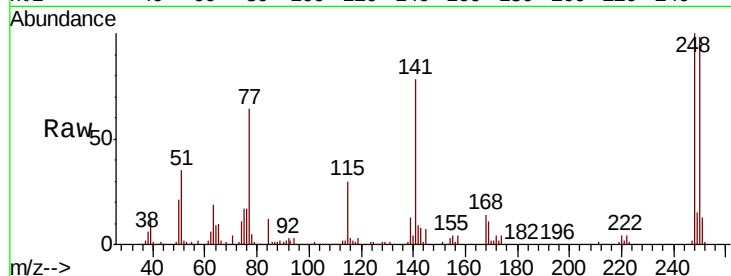




#67
 4-Bromophenyl-phenylether
 Concen: 33.167 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

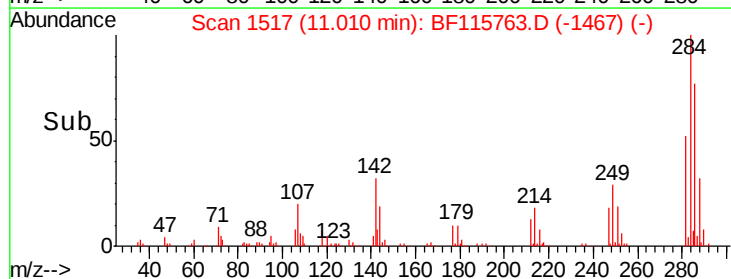
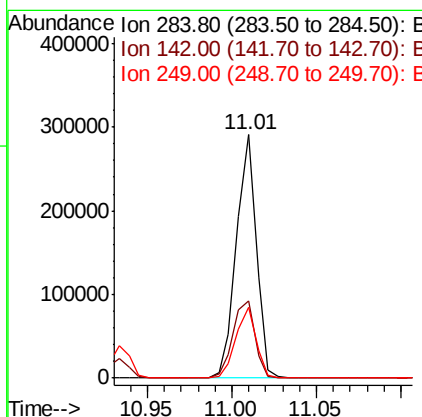
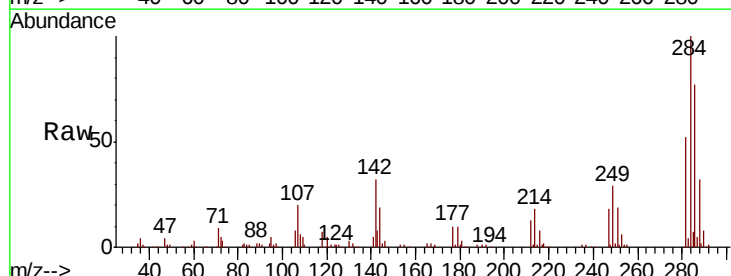
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMS

Tot Ion:248 Resp: 211484
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.0 115.4
 141 78.1 52.1 78.1



#68
 Hexachlorobenzene
 Concen: 32.826 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF115763.D
 Acq: 25 Jul 2019 17:47

Tgt Ion:284 Resp: 239035
 Ion Ratio Lower Upper
 284 100
 142 31.7 21.8 32.8
 249 28.9 23.1 34.7

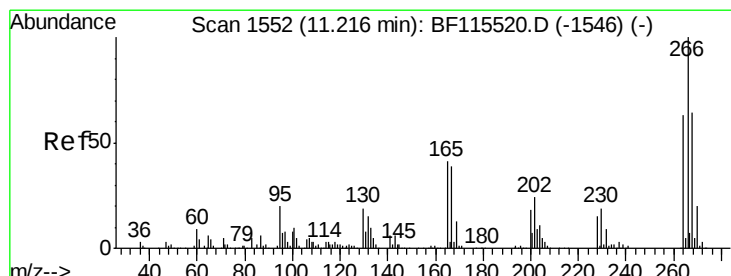
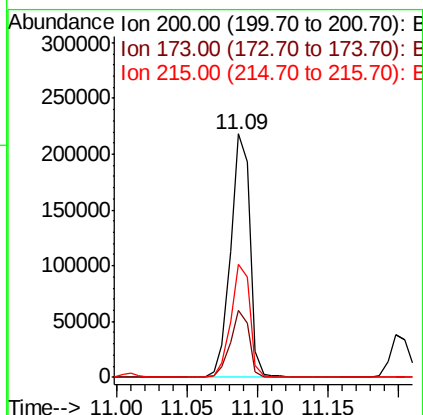
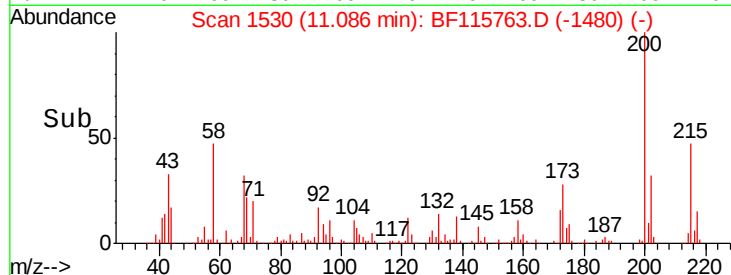
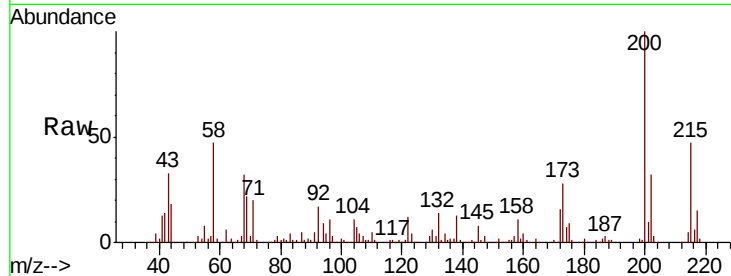




#69
Atrazine
Concen: 36.599 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

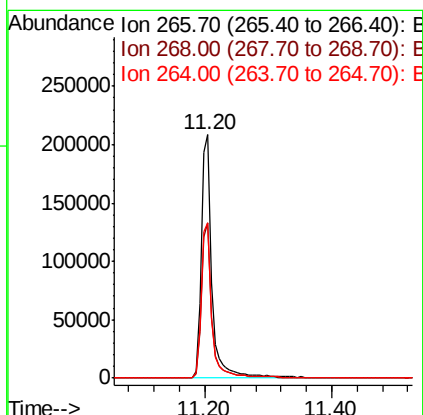
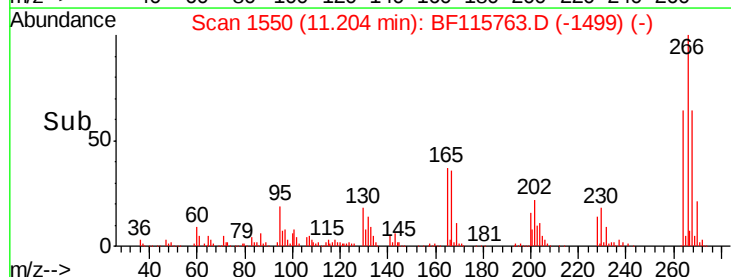
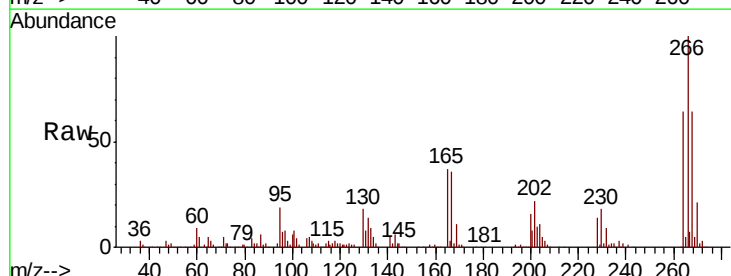
Instrument :
BNA_F
ClientSampled :
TP-1-BMS

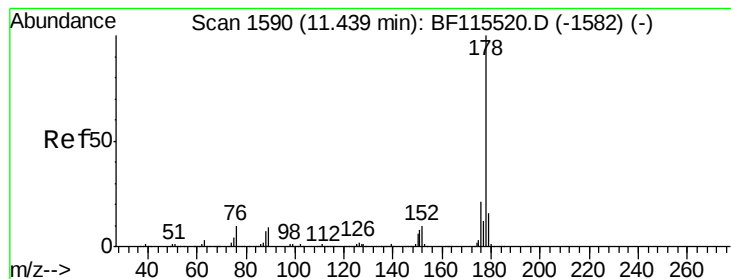
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.9	46.9
215	46.6	26.6	66.6



#70
Pentachlorophenol
Concen: 53.617 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	63.7	50.0	75.0





#71

Phenanthrene

Concen: 36.065 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

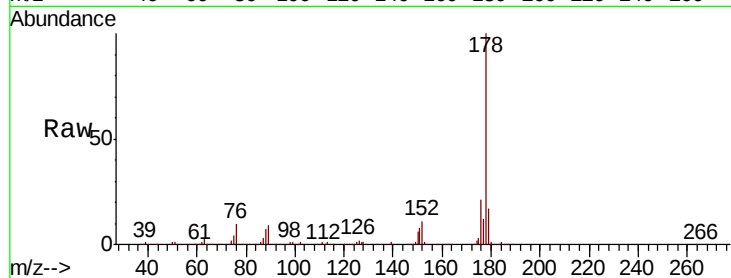
Tot Ion:178 Resp: 1031510

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

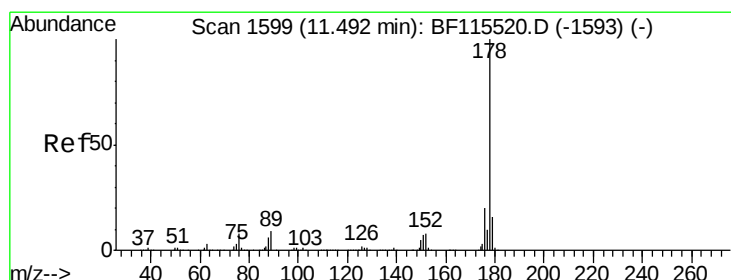
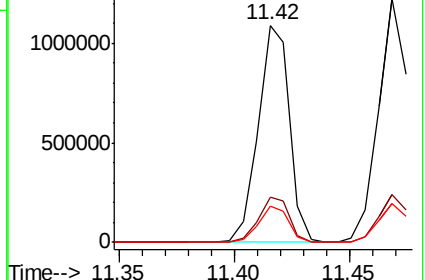
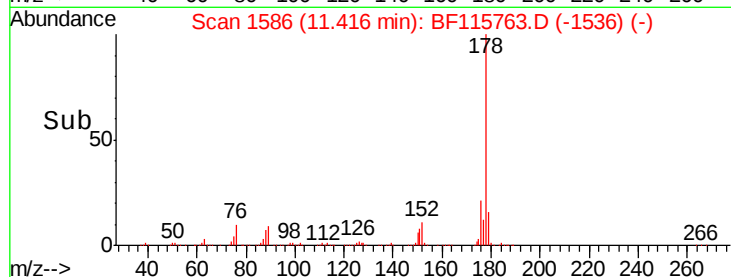
179 16.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.830 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

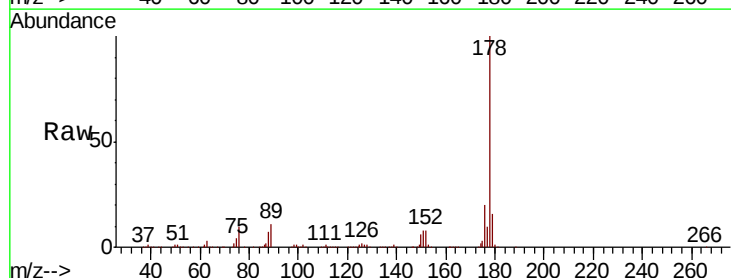
Tgt Ion:178 Resp: 1088649

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

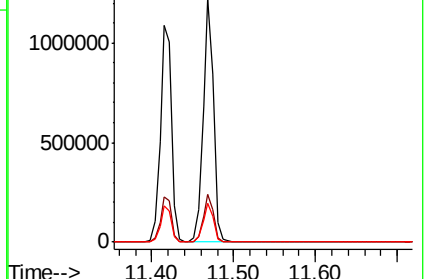
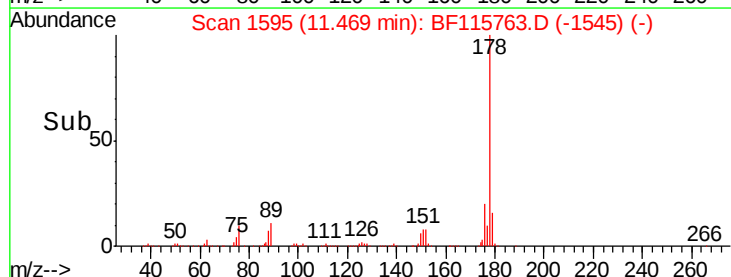
179 16.0 12.6 18.8

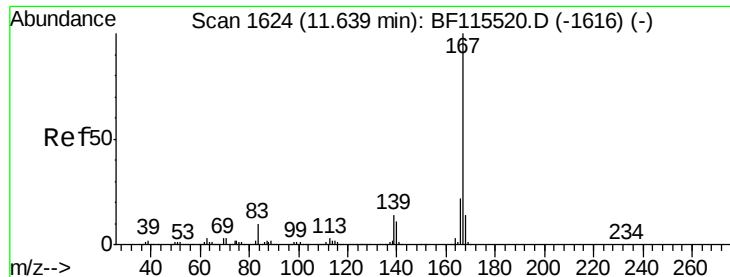


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.550 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

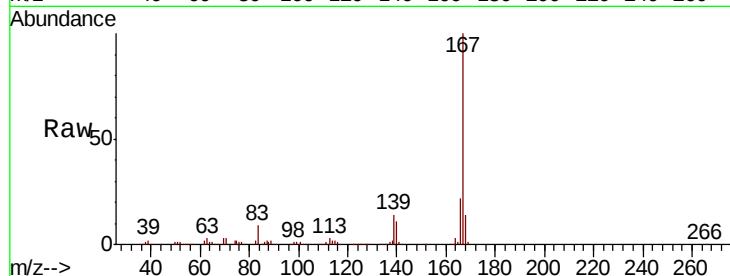
Tot Ion:167 Resp: 973325

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

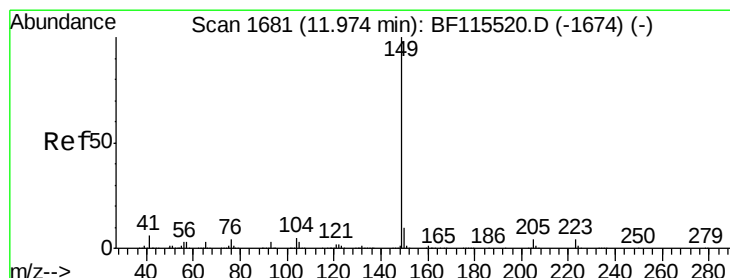
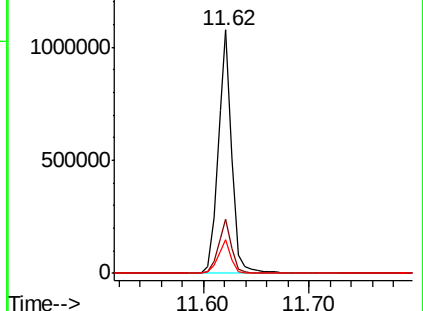
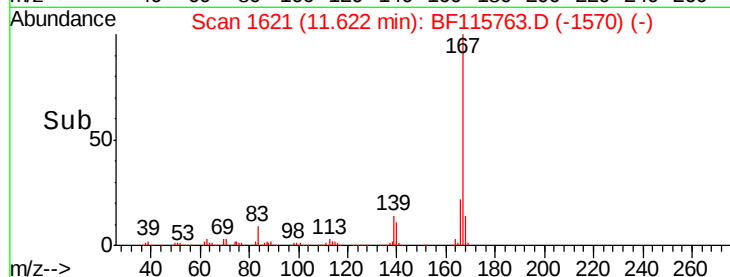
139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.855 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

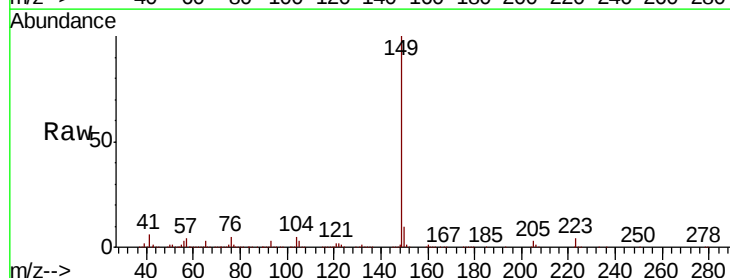
Tgt Ion:149 Resp: 1240575

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

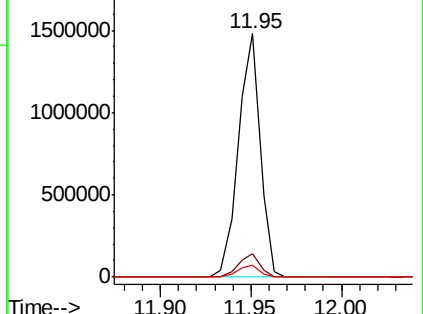
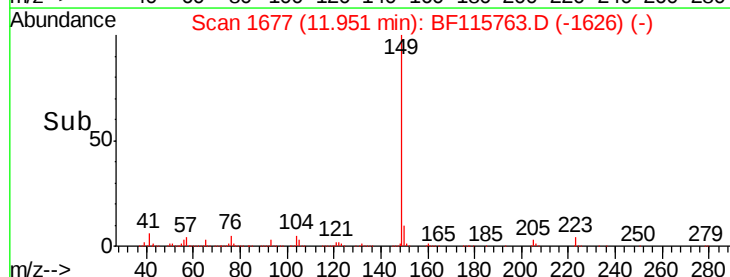
104 5.0 4.3 6.5

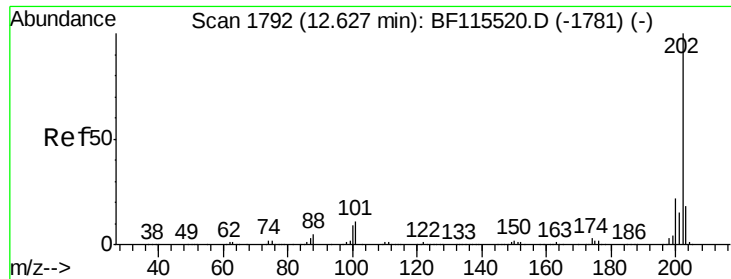


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

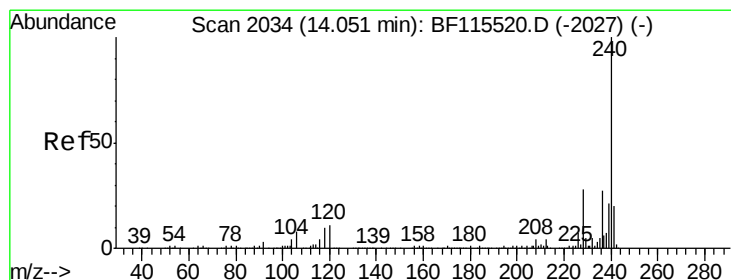
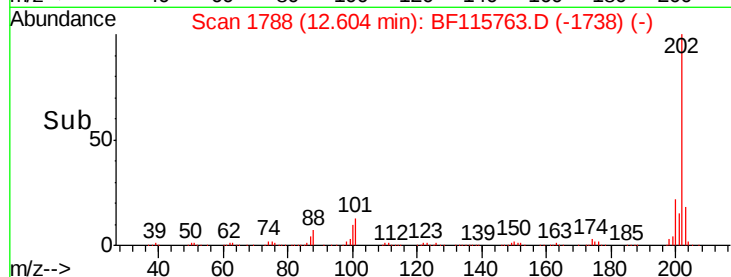
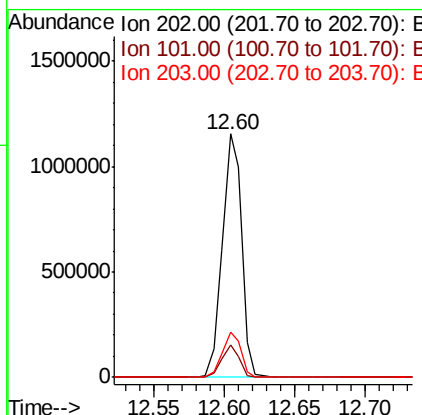
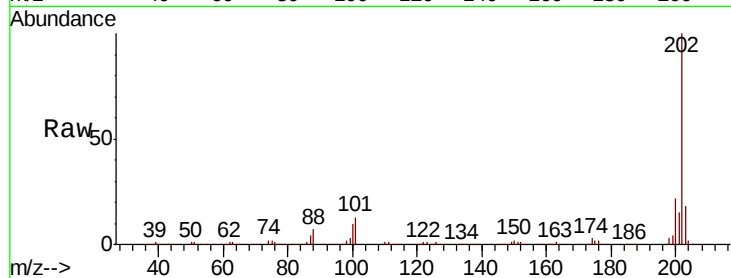




#75
Fluoranthene
Concen: 36.180 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

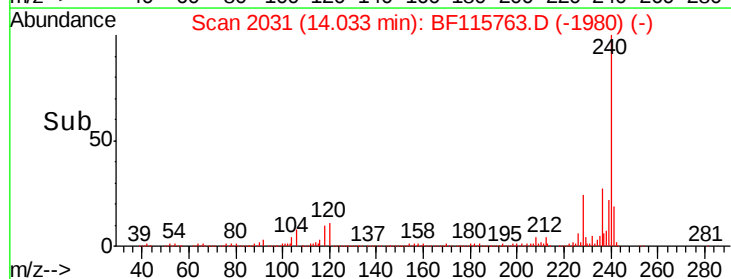
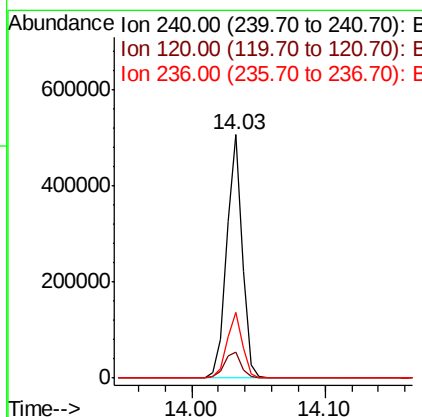
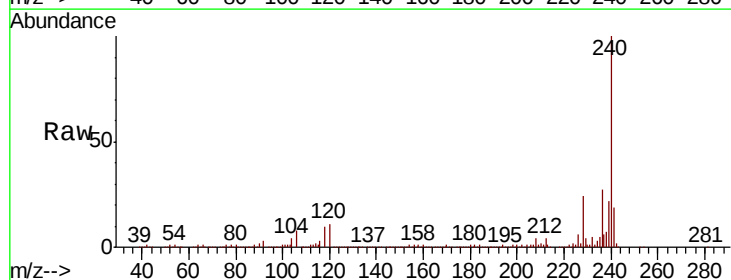
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Tot Ion:202 Resp: 1093523
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.6
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:240 Resp: 419084
Ion Ratio Lower Upper
240 100
120 10.9 10.0 15.0
236 27.2 21.8 32.6





#77

Benzidine

Concen: 8.919 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

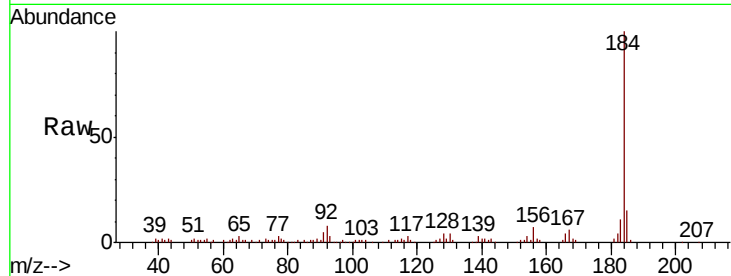
Tot Ion:184 Resp: 132419

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

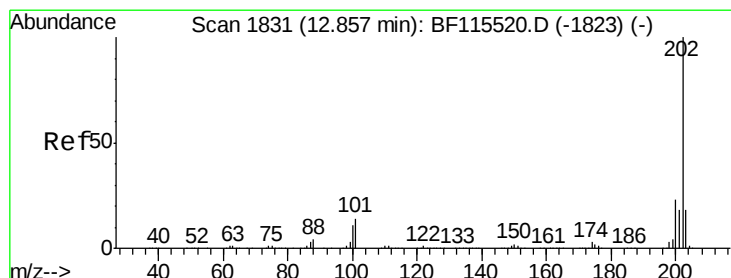
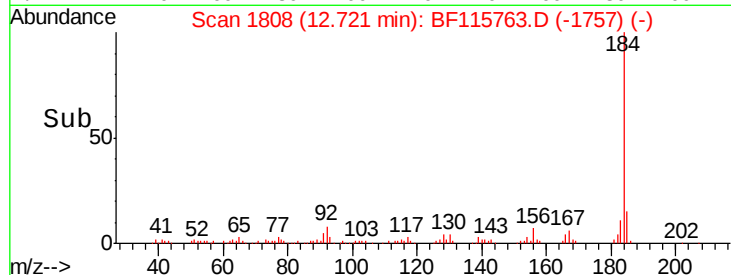
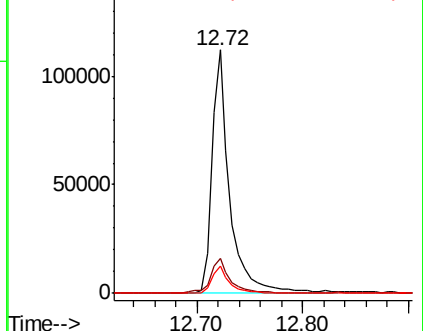
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.391 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

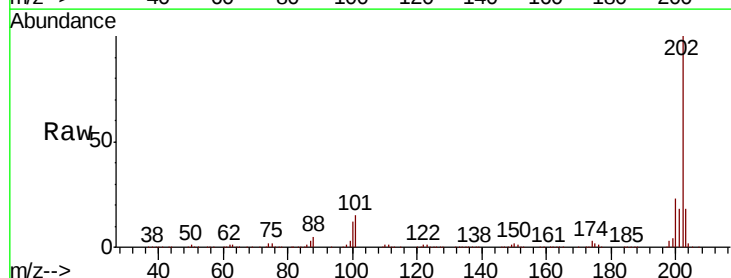
Tgt Ion:202 Resp: 1114580

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.4

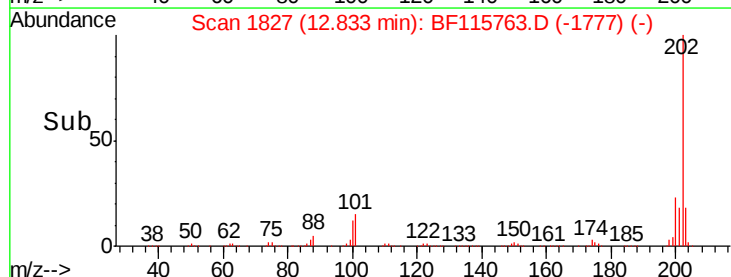
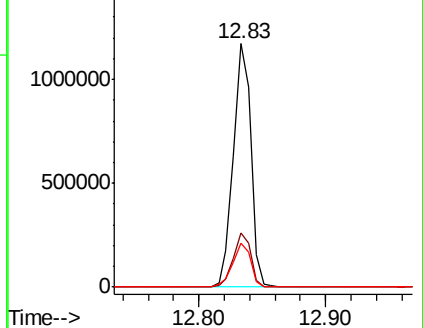
203 17.9 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.975 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

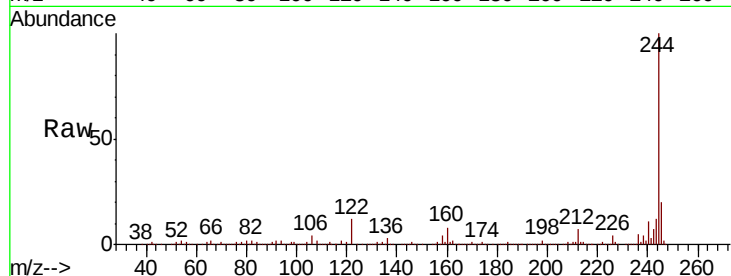
Tot Ion:244 Resp: 1475754

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

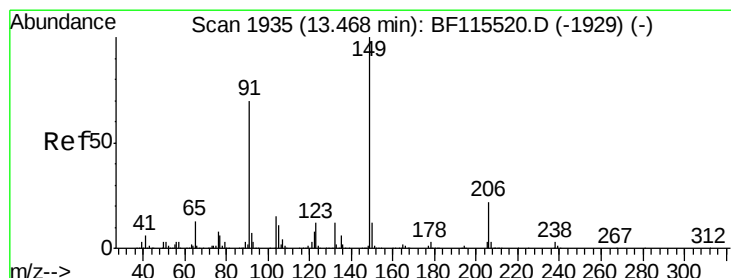
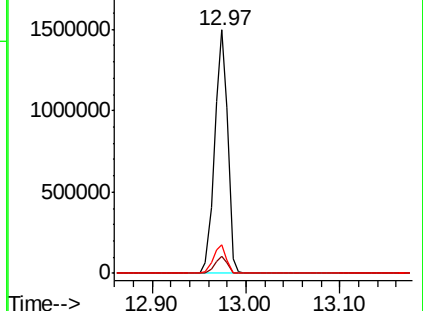
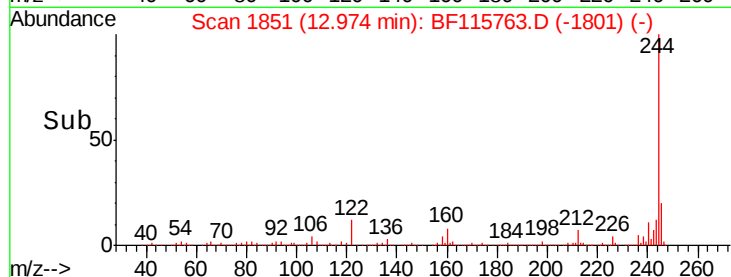
122 11.9 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.705 ng

RT: 13.44 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

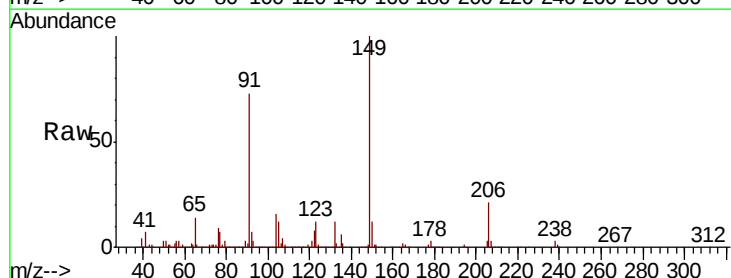
Tgt Ion:149 Resp: 540444

Ion Ratio Lower Upper

149 100

91 73.1 59.8 89.8

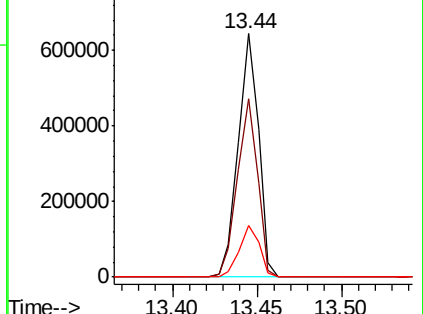
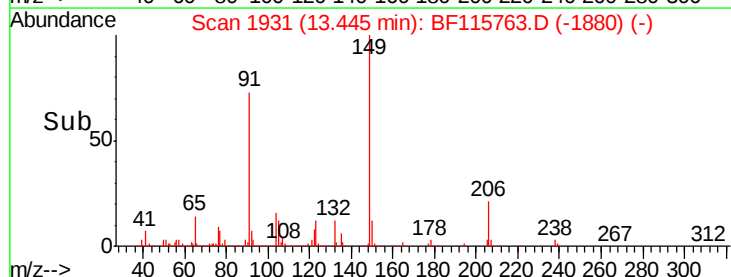
206 21.0 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.690 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

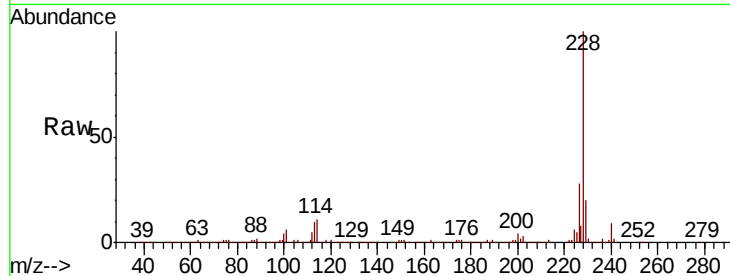
Tot Ion:228 Resp: 930169

Ion Ratio Lower Upper

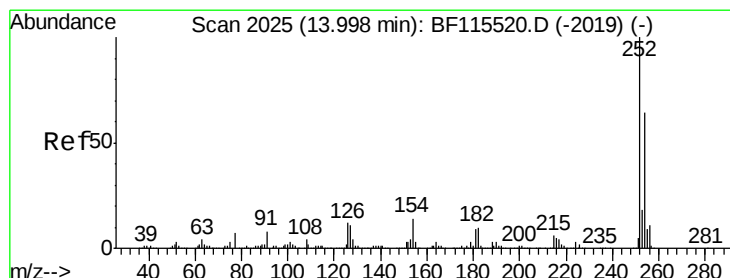
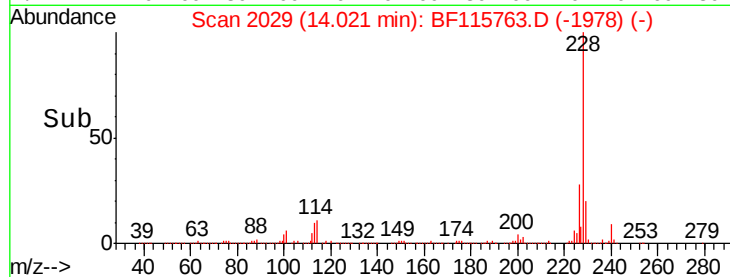
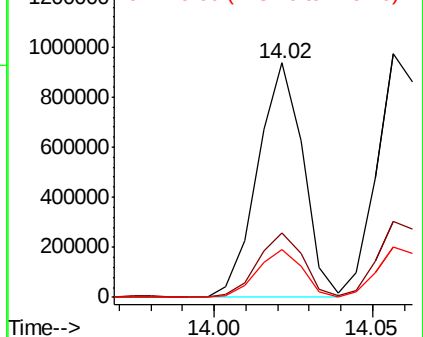
228 100

226 27.5 22.2 33.2

229 20.3 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 33.758 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

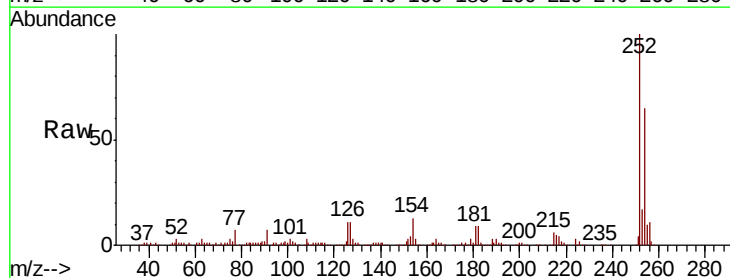
Tgt Ion:252 Resp: 331331

Ion Ratio Lower Upper

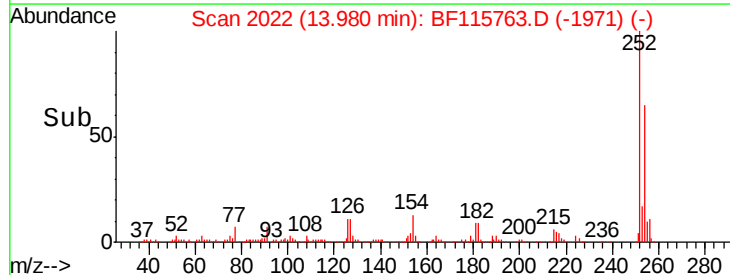
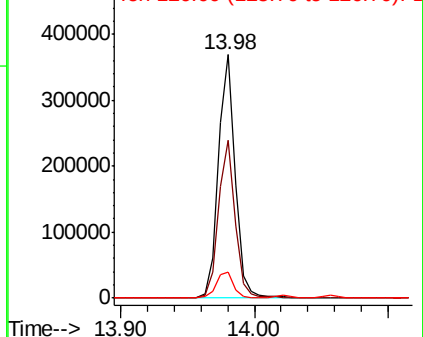
252 100

254 64.8 51.6 77.4

126 10.9 9.9 14.9



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: 33.051 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

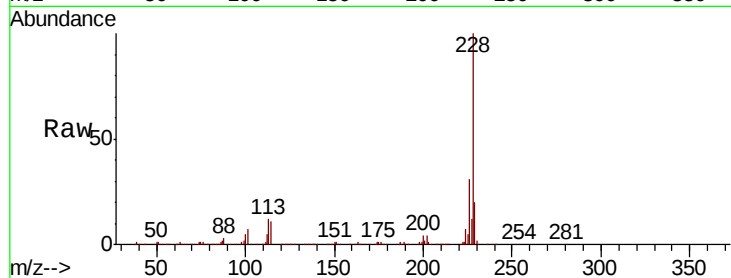
Tot Ion:228 Resp: 916028

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

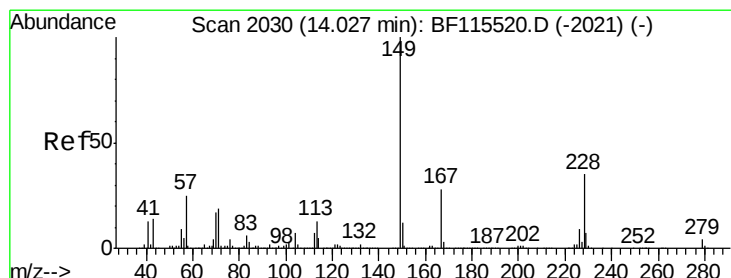
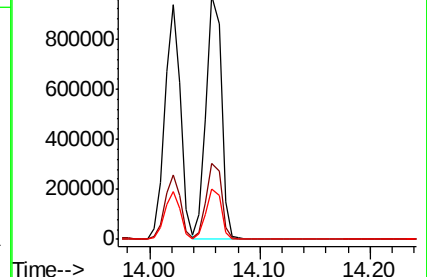
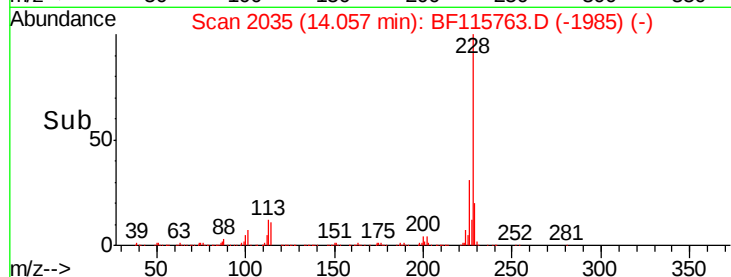
229 20.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.382 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

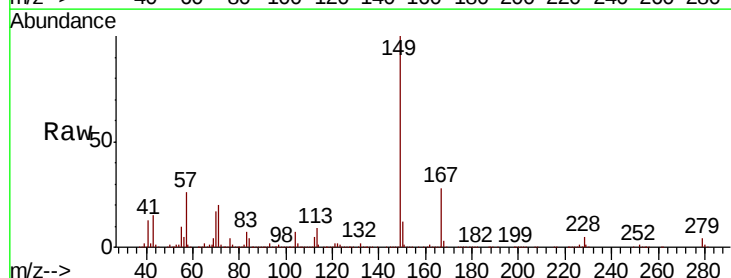
Tgt Ion:149 Resp: 794611

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

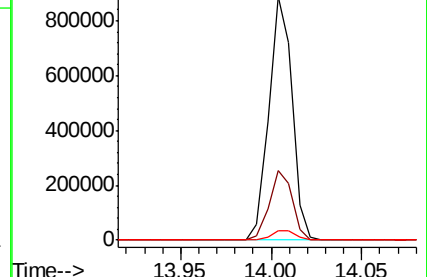
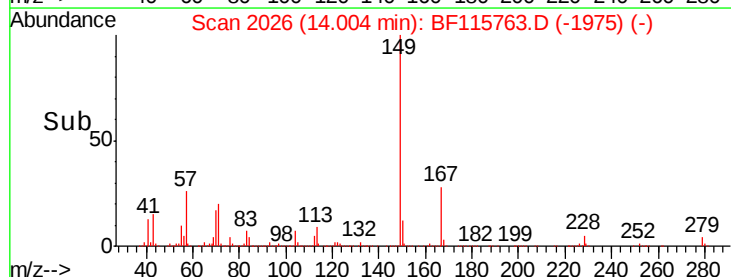
279 3.9 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.510 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

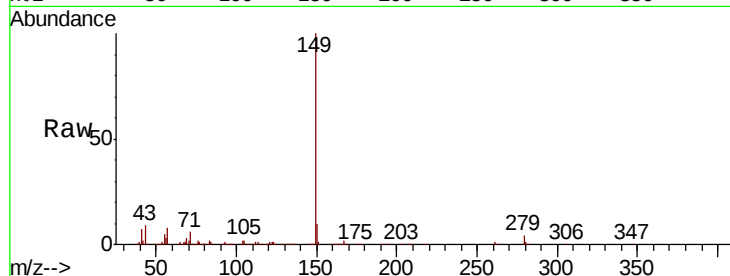
Tot Ion:149 Resp: 1297945

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

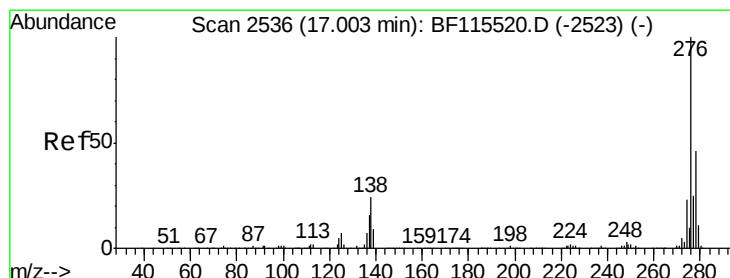
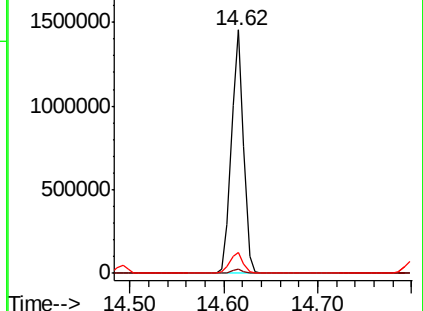
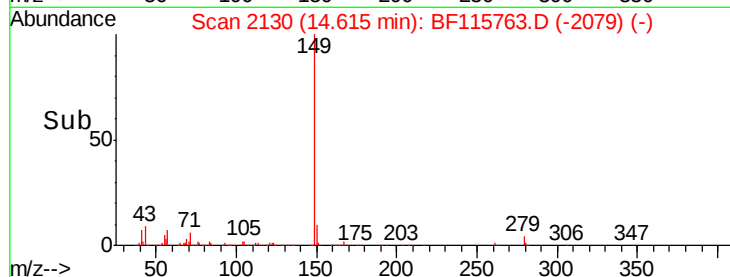
43 9.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.734 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

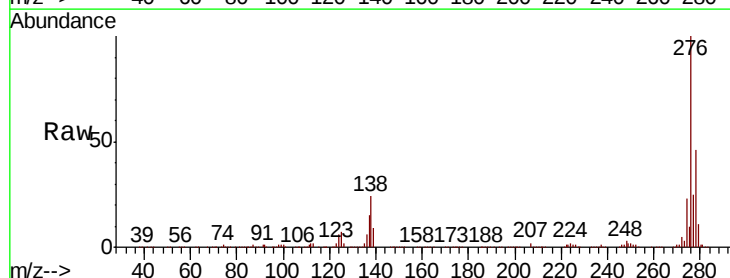
Tgt Ion:276 Resp: 959164

Ion Ratio Lower Upper

276 100

138 25.0 20.1 30.1

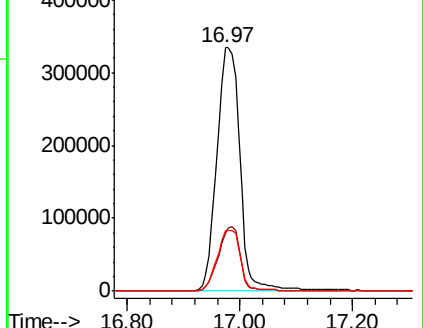
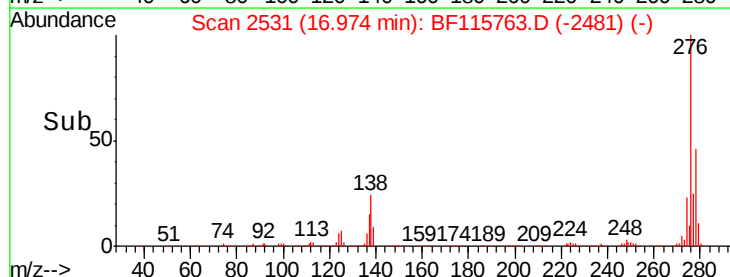
277 25.0 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

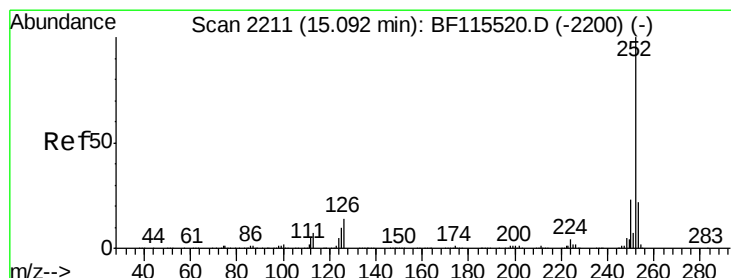
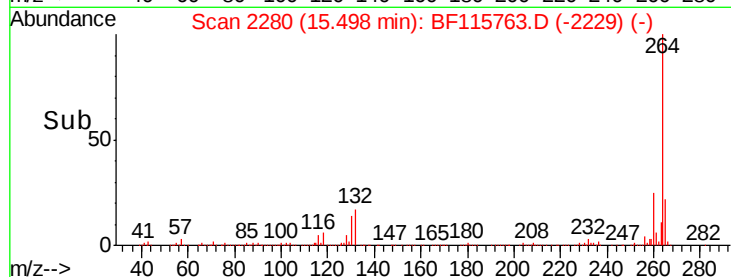
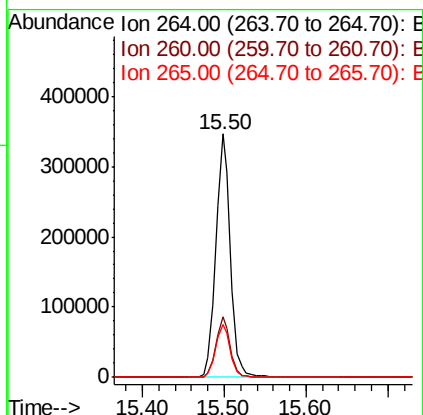
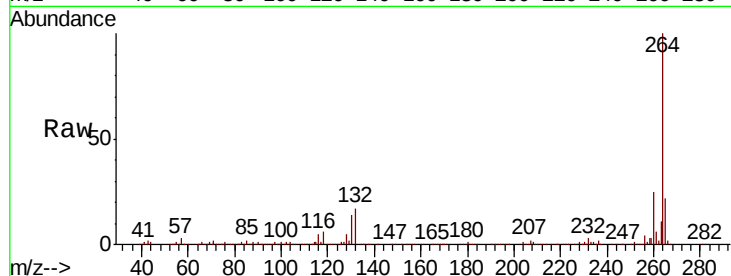




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

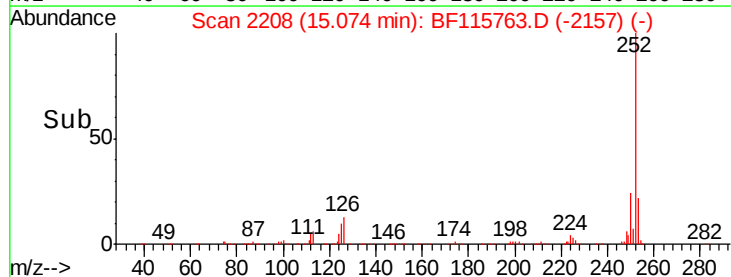
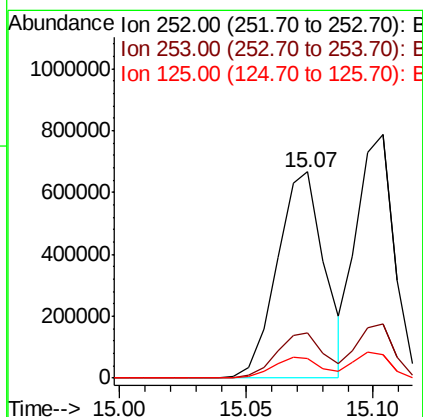
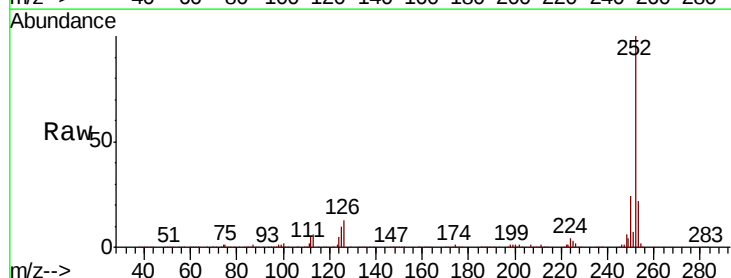
Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

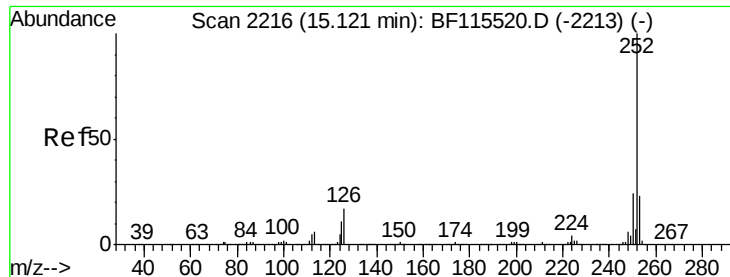
Tot Ion:264 Resp: 429280
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 21.7 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 31.428 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:252 Resp: 868725
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.8 8.4 12.6

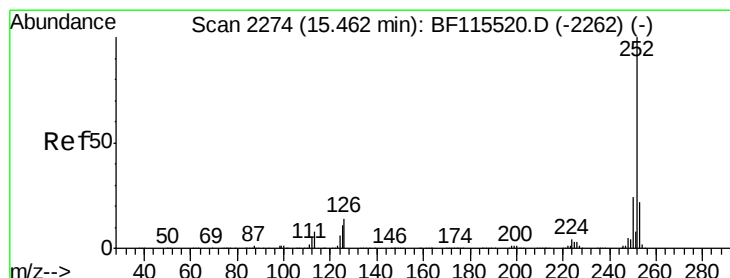
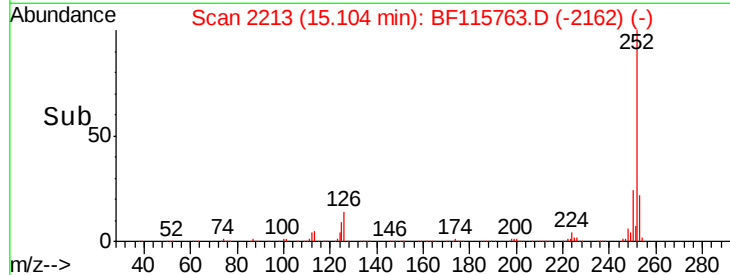
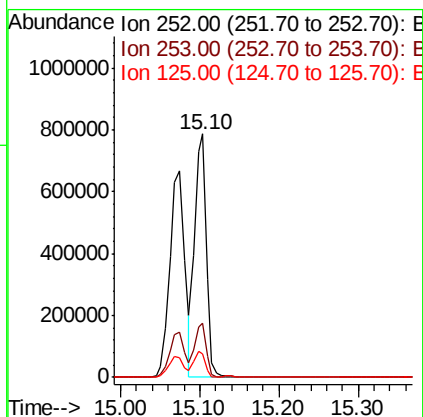
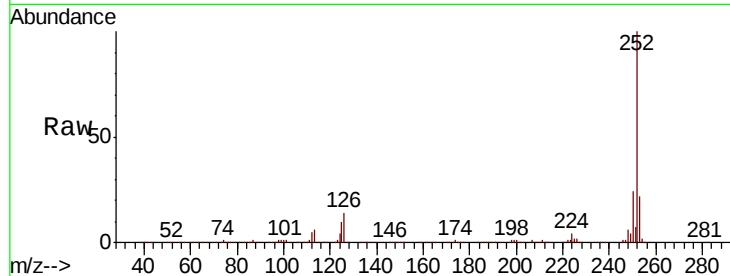




#89
Benzo(k)fluoranthene
Concen: 33.279 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

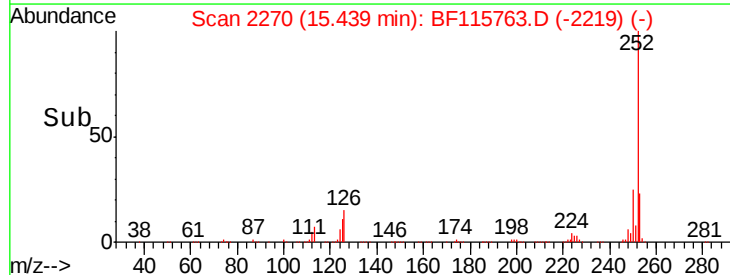
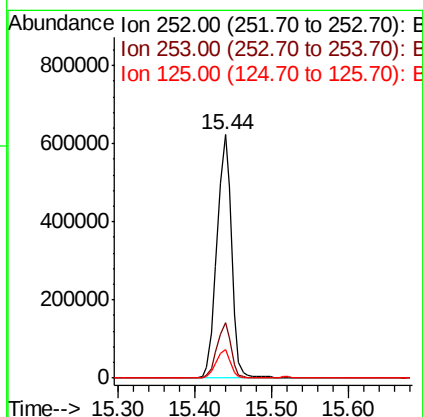
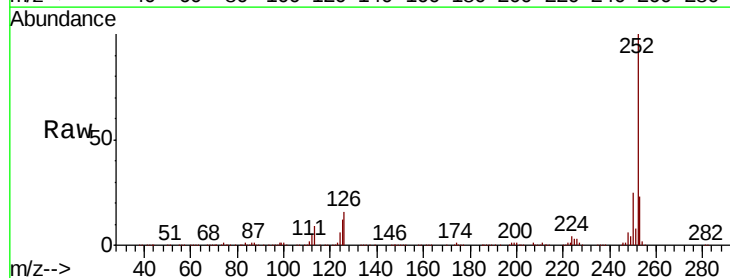
Instrument :
BNA_F
ClientSampled :
TP-1-BMS

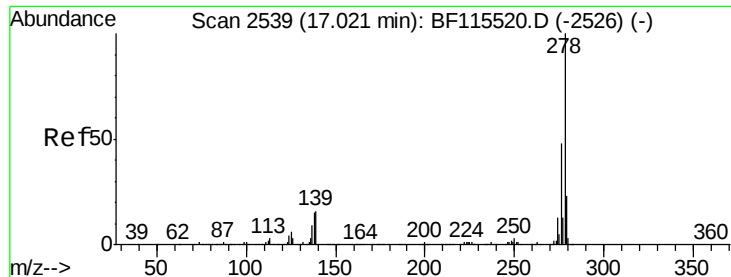
Tot Ion:252 Resp: 820133
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.7 8.6 13.0



#90
Benzo(a)pyrene
Concen: 34.263 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115763.D
Acq: 25 Jul 2019 17:47

Tgt Ion:252 Resp: 814026
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 39.236 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

TP-1-BMS

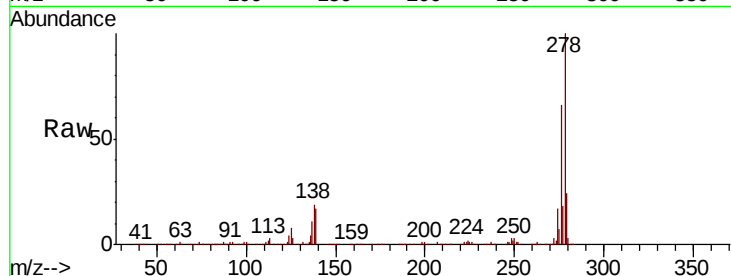
Tot Ion:278 Resp: 818351

Ion Ratio Lower Upper

278 100

139 16.8 13.6 20.4

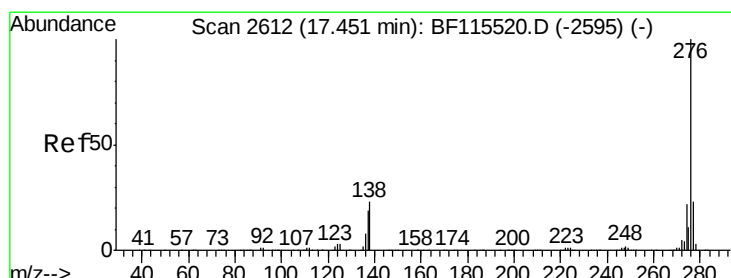
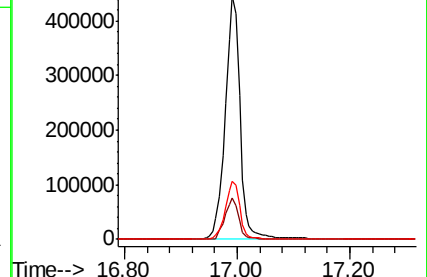
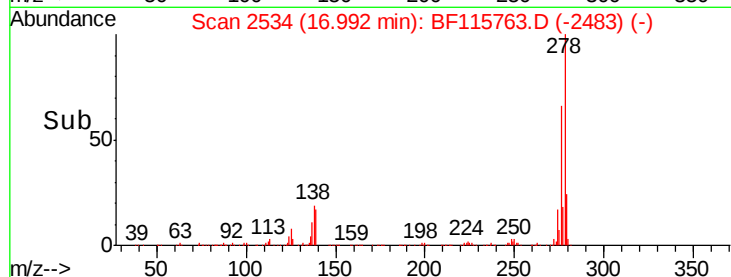
279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.533 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF115763.D

Acq: 25 Jul 2019 17:47

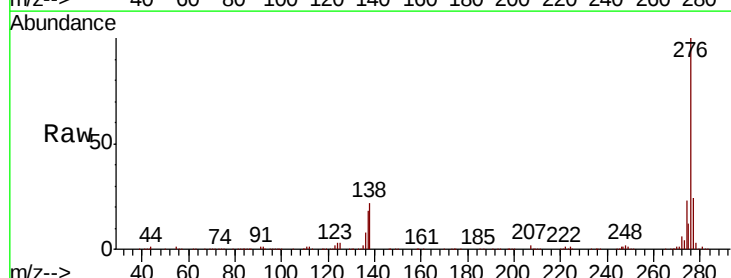
Tgt Ion:276 Resp: 759932

Ion Ratio Lower Upper

276 100

277 23.9 18.1 27.1

138 22.1 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

