

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000019.D
 Acq On : 30 Aug 2019 23:13
 Operator : HP/JU
 Sample : MDL-S-BL03
 Misc : 4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 01:07:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	456542	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1667612	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	895419	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1633953	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1300718	20.00	ng	0.00
87) Perylene-d12	15.63	264	1351925	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	3706064	129.45	ng	0.01
7) Phenol-d6	6.52	99	4654111	128.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	2608412	95.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1119137	148.28	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4959725	92.50	ng	0.00
79) Terphenyl-d14	13.05	244	5625764	94.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	126	0.010	ng	# 1
3) Pyridine	3.44	79	133	0.004	ng	# 25
4) n-Nitrosodimethylamine	3.40	42	421	0.037	ng	# 1
6) Aniline	6.56	93	204	0.004	ng	# 1
8) 2-Chlorophenol	6.68	128	1539	0.052	ng	# 1
9) Benzaldehyde	6.52	77	7377	0.331	ng	# 3
10) Phenol	6.52	94	1193	0.030	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	204	0.006	ng	# 91
12) 1,3-Dichlorobenzene	6.84	146	127	0.004	ng	# 50
13) 1,4-Dichlorobenzene	6.90	146	184	0.005	ng	# 1
14) 1,2-Dichlorobenzene	7.05	146	479	0.015	ng	# 1
15) Benzyl Alcohol	7.05	79	47229	1.782	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.17	45	266	0.008	ng	# 1
17) 2-Methylphenol	7.13	107	133	0.005	ng	# 9
18) Hexachloroethane	7.40	117	203	0.016	ng	# 27
19) n-Nitroso-di-n-propylamine	7.45	70	339467	16.503	ng	# 78
20) 3+4-Methylphenols	7.28	107	50	0.002	ng	# 1
22) Acetophenone	7.28	105	295	0.007	ng	# 65
24) Nitrobenzene	7.45	77	8693	0.295	ng	# 37
25) Isophorone	7.45	82	2608223	45.420	ng	# 66
26) 2-Nitrophenol	7.80	139	107	0.009	ng	# 1
27) 2,4-Dimethylphenol	7.65	122	118	0.005	ng	# 87
28) bis(2-Chloroethoxy)methane	7.94	93	77	0.002	ng	# 47
29) 2,4-Dichlorophenol	8.00	162	16	0.001	ng	# 1
30) 1,2,4-Trichlorobenzene	8.12	180	42	0.002	ng	# 34
31) Naphthalene	8.20	128	594	0.008	ng	# 56
32) Benzoic acid	7.91	122	69	8.066	ng	# 47
33) 4-Chloroaniline	8.24	127	190	0.005	ng	# 1
34) Hexachlorobutadiene	8.36	225	11	0.001	ng	# 96
35) Caprolactam	8.62	113	185	0.022	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	43	0.002	ng	# 60
37) 2-Methylnaphthalene	8.89	142	254	0.005	ng	# 51
38) 1-Methylnaphthalene	8.99	142	297	0.006	ng	# 74
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	25	0.001	ng	# 1

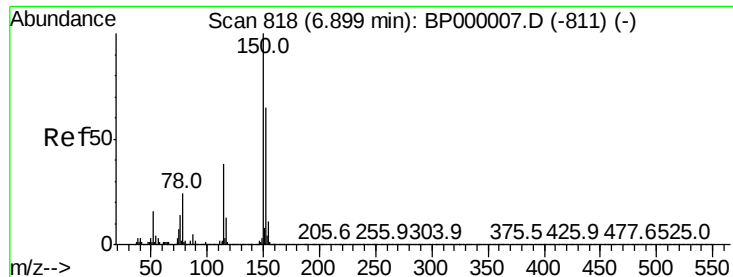
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	24	0.002	ng	79
43) 2,4,6-Trichlorophenol	9.17	196	23	0.001	ng #	48
44) 2,4,5-Trichlorophenol	9.20	196	29	0.002	ng #	1
46) 1,1'-Biphenyl	9.36	154	9184	0.145	ng	98
47) 2-Chloronaphthalene	9.38	162	173	0.003	ng #	70
48) 2-Nitroaniline	9.40	65	413	0.029	ng #	28
49) Acenaphthylene	9.56	152	82	0.001	ng	97
51) 2,6-Dinitrotoluene	9.94	165	116590	9.002	ng #	30
52) Acenaphthene	9.97	154	343	0.007	ng #	83
53) 3-Nitroaniline	9.89	138	136	0.009	ng #	69
54) 2,4-Dinitrophenol	9.99	184	90	8.665	ng #	1
55) Dibenzofuran	10.14	168	285	0.004	ng #	50
56) 4-Nitrophenol	10.00	139	46	0.004	ng #	1
57) 2,4-Dinitrotoluene	9.94	165	116590	7.051	ng #	21
58) Fluorene	10.73	166	61292	1.174	ng #	87
59) 2,3,4,6-Tetrachlorophenol	10.26	232	32	0.002	ng #	1
60) Diethylphthalate	10.36	149	272	0.004	ng #	93
61) 4-Chlorophenyl-phenylether	10.50	204	41	0.002	ng #	1
62) 4-Nitroaniline	10.46	138	31	0.002	ng #	1
63) Azobenzene	10.73	77	7731	0.132	ng #	15
65) 4,6-Dinitro-2-methylphenol	10.73	198	3384	8.176	ng #	1
66) n-Nitrosodiphenylamine	10.73	169	41478	0.854	ng #	44
67) 4-Bromophenyl-phenylether	10.73	248	81341	4.898	ng #	1
68) Hexachlorobenzene	11.05	284	65	0.004	ng #	1
69) Atrazine	11.28	200	11	Below Cal		91
70) Pentachlorophenol	11.03	266	24	0.002	ng	97
71) Phenanthrene	11.46	178	590	0.007	ng #	82
72) Anthracene	11.51	178	209	0.003	ng #	85
73) Carbazole	11.79	167	78	0.001	ng	98
74) Di-n-butylphthalate	12.00	149	532	0.006	ng #	67
75) Fluoranthene	12.56	202	46	0.001	ng	71
77) Benzidine	13.05	184	91354	2.036	ng	96
78) Pyrene	13.05	202	23256	0.243	ng #	71
80) Butylbenzylphthalate	13.52	149	71	0.002	ng #	1
81) Benzo(a)anthracene	14.10	228	3539	0.042	ng #	62
82) 3,3'-Dichlorobenzidine	14.06	252	104	0.003	ng #	75
83) Chrysene	14.10	228	3539	0.044	ng #	60
84) Bis(2-ethylhexyl)phthalate	14.16	149	209	0.004	ng	91
85) Di-n-octyl phthalate	14.73	149	284	0.003	ng #	1
86) Indeno(1,2,3-cd)pyrene	17.16	276	56	0.001	ng #	1
88) Benzo(b)fluoranthene	15.18	252	145	0.002	ng #	1
89) Benzo(k)fluoranthene	15.20	252	110	0.001	ng #	1
90) Benzo(a)pyrene	15.63	252	5122	0.069	ng #	81
91) Dibenzo(a,h)anthracene	17.22	278	50	0.001	ng #	1
92) Benzo(g,h,i)perylene	17.63	276	85	0.001	ng #	55

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

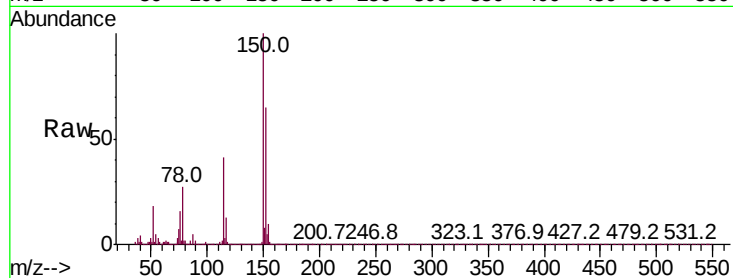
Tot Ion:152 Resp: 456542

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.6

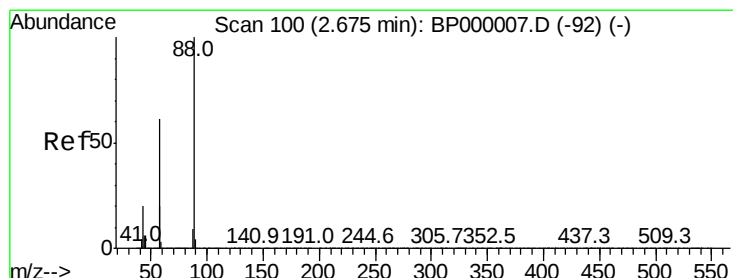
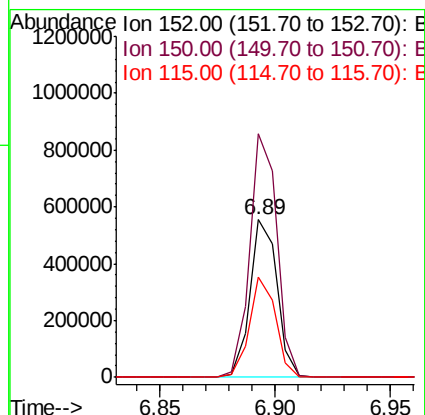
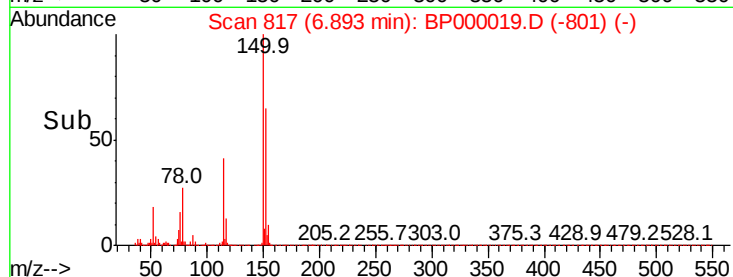
115 63.4 46.7 70.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.010 ng

RT: 2.69 min Scan# 102

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

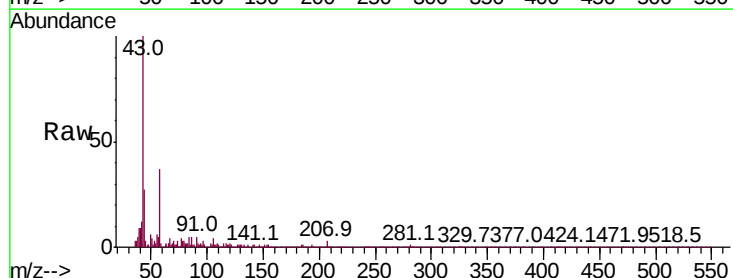
Tgt Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

58 991.3 49.8 74.8#

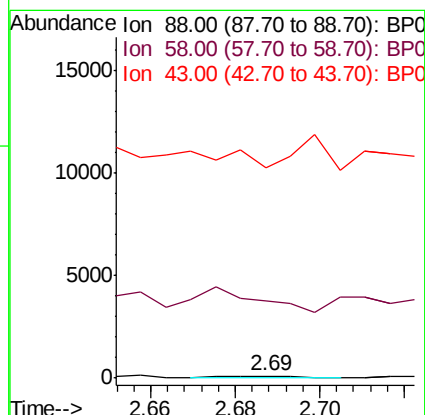
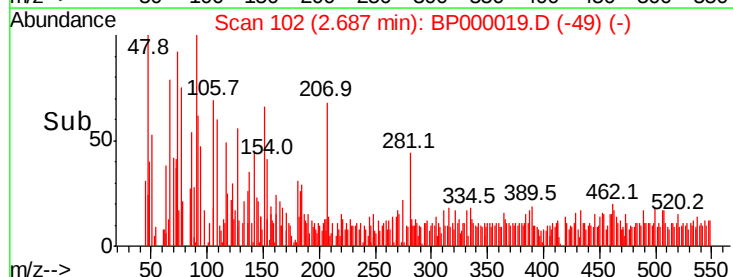
43 0.0 16.9 25.3#

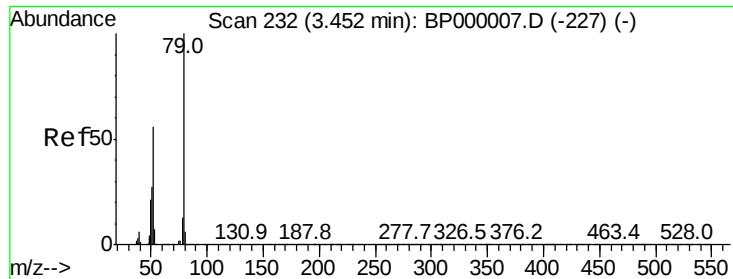


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

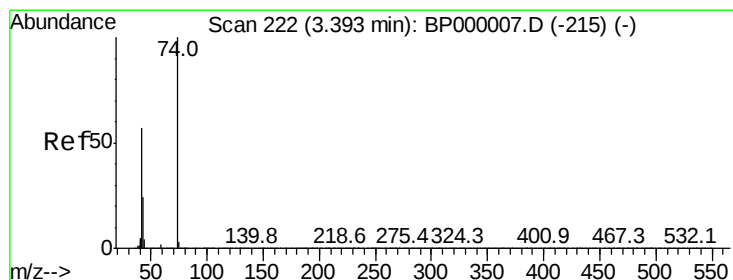
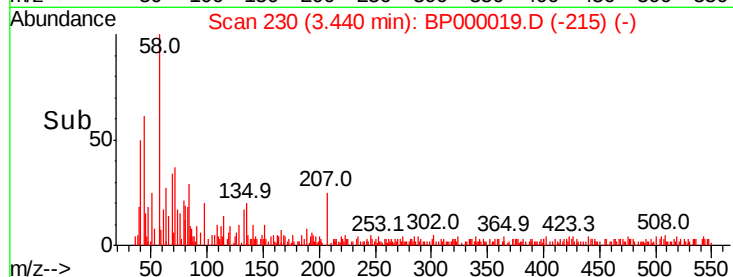
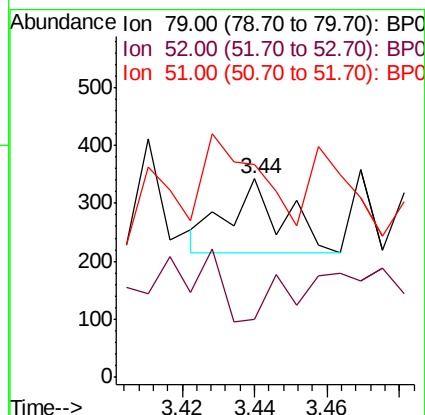
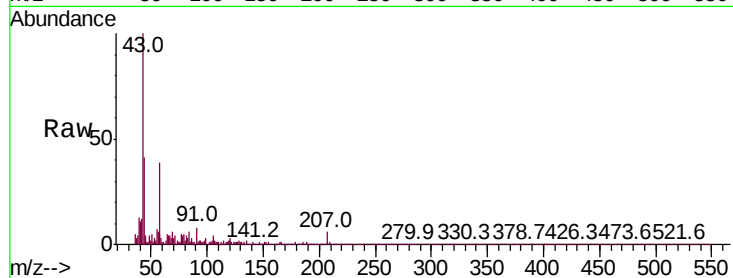




#3
 Pvridine
 Concen: 0.004 ng
 RT: 3.44 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

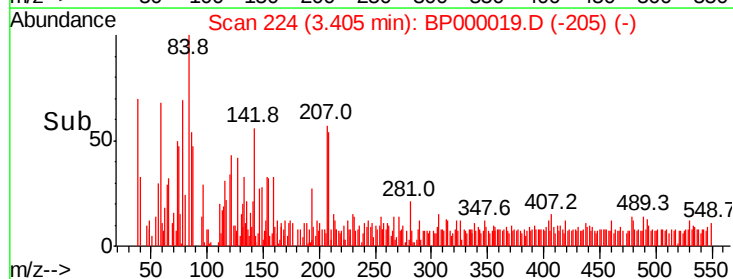
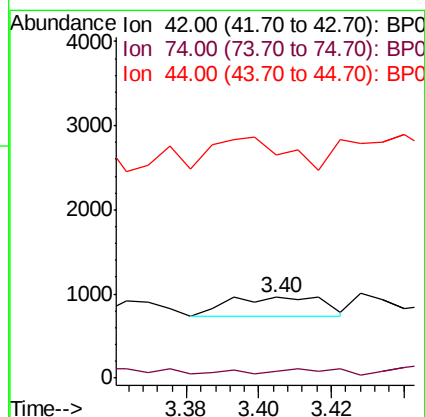
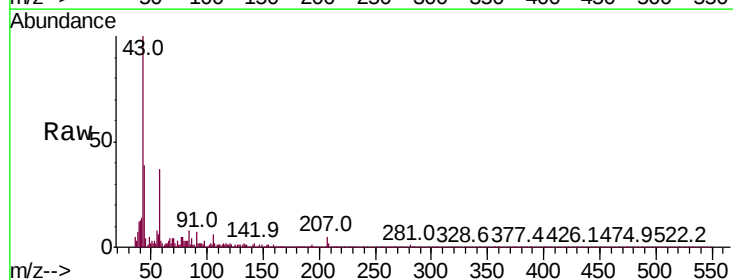
Instrument :
 BNA_P
 ClientSampled :

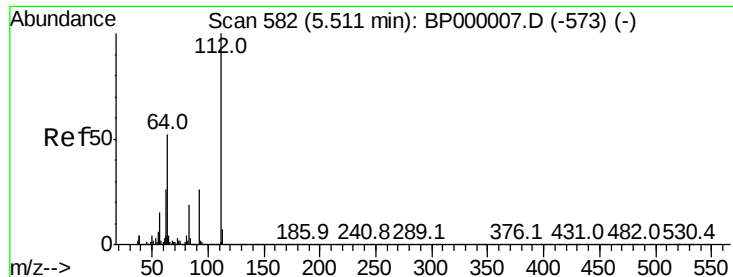
Tot Ion: 79 Resp: 133
 Ion Ratio Lower Upper
 79 100
 52 28.9 44.5 66.7#
 51 107.6 21.8 32.6#



#4
 n-Nitrosodimethylamine
 Concen: 0.037 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

Tgt Ion: 42 Resp: 421
 Ion Ratio Lower Upper
 42 100
 74 9.2 139.9 209.9#
 44 277.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 129.446 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

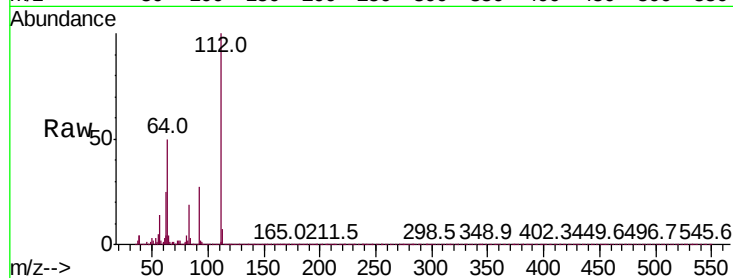
Tot Ion:112 Resp: 3706064

Ion Ratio Lower Upper

112 100

64 49.7 41.8 62.8

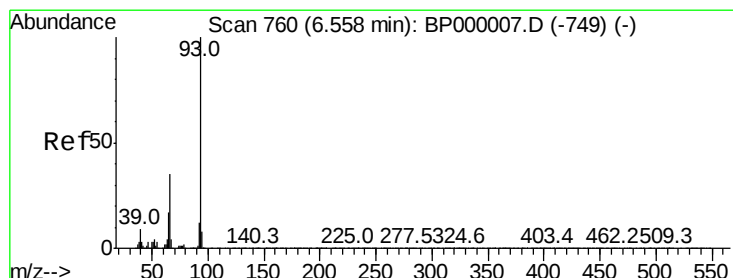
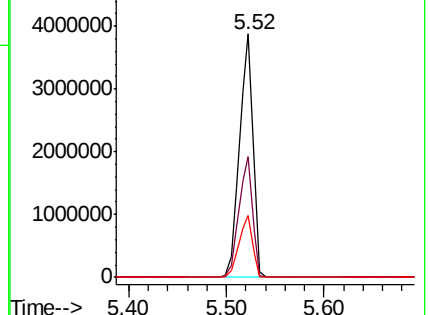
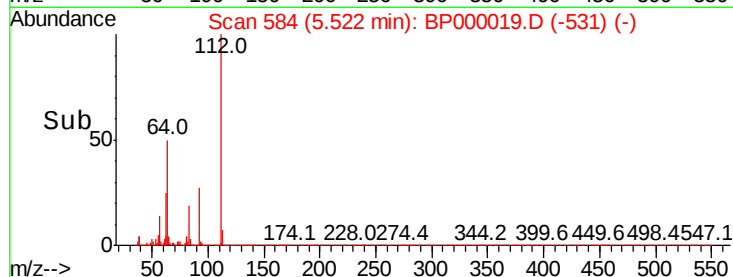
63 25.4 21.0 31.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.004 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

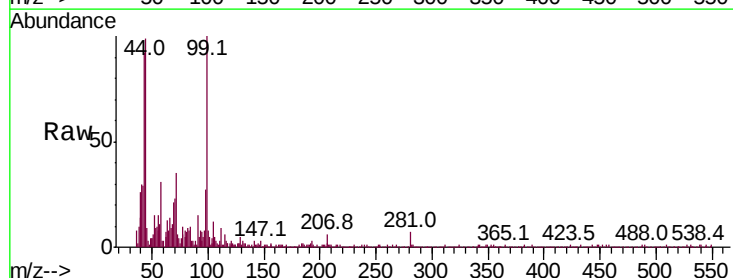
Tgt Ion: 93 Resp: 204

Ion Ratio Lower Upper

93 100

66 167.9 27.8 41.8#

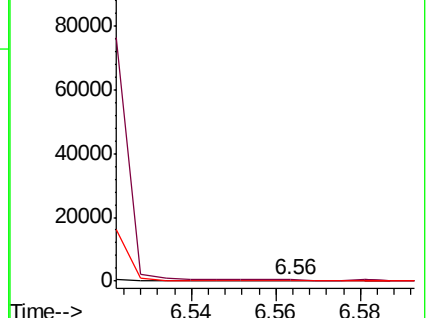
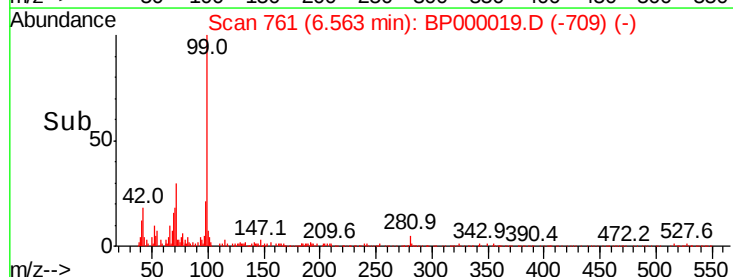
65 96.7 13.9 20.9#

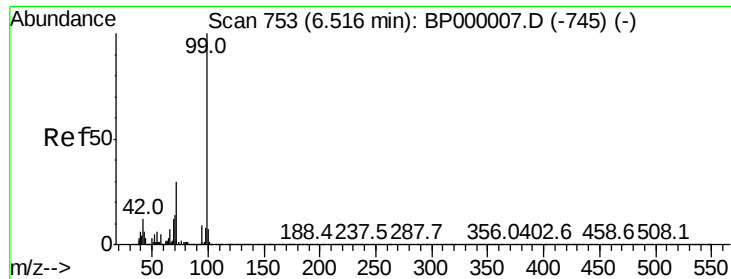


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 128.769 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

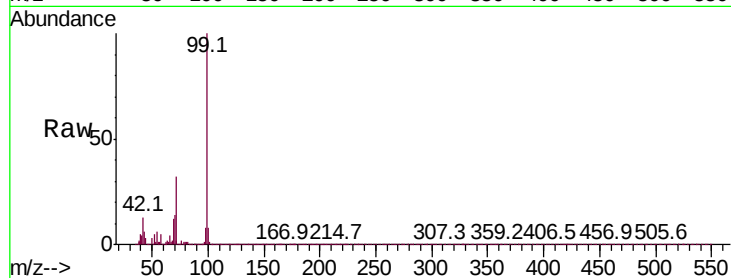
Tot Ion: 99 Resp: 4654111

Ion Ratio Lower Upper

99 100

42 12.8 9.8 14.8

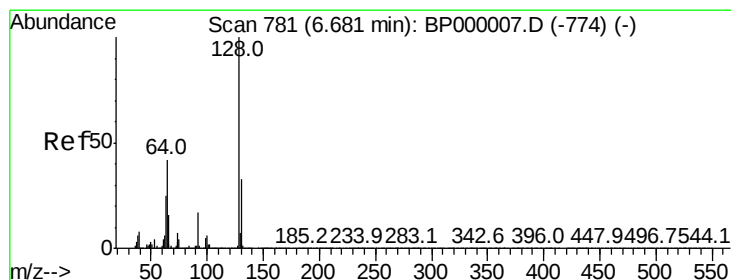
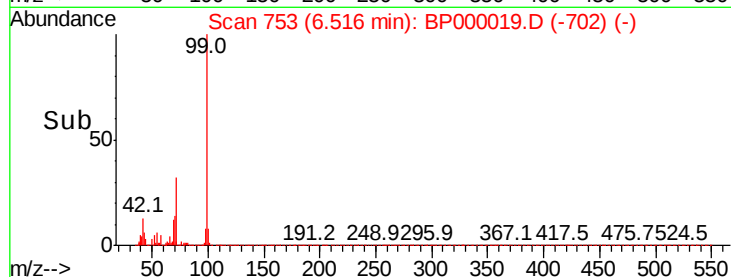
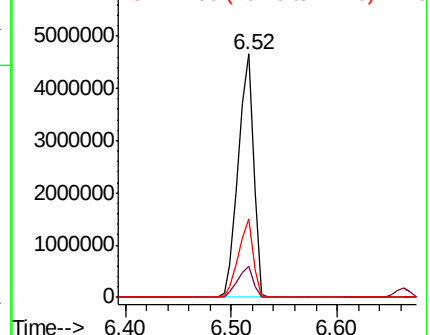
71 32.0 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 0.052 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

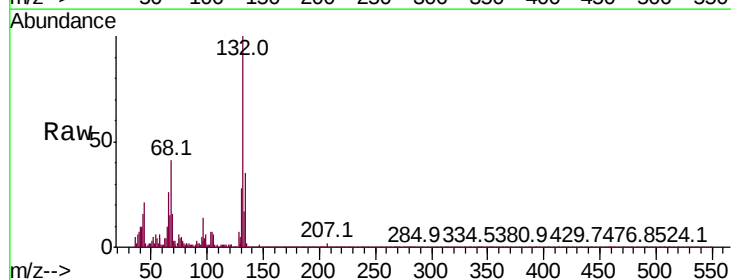
Tgt Ion: 128 Resp: 1539

Ion Ratio Lower Upper

128 100

130 65.7 13.0 53.0#

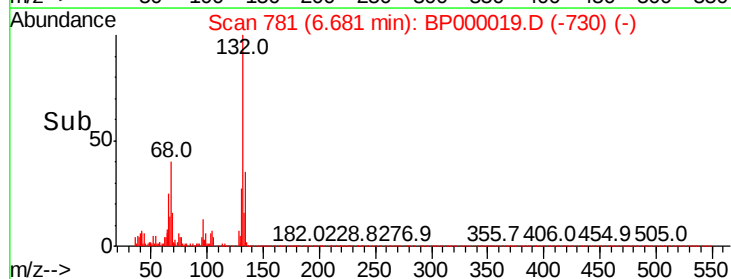
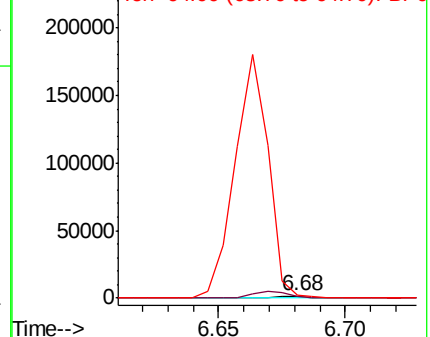
64 128.0 22.0 62.0#

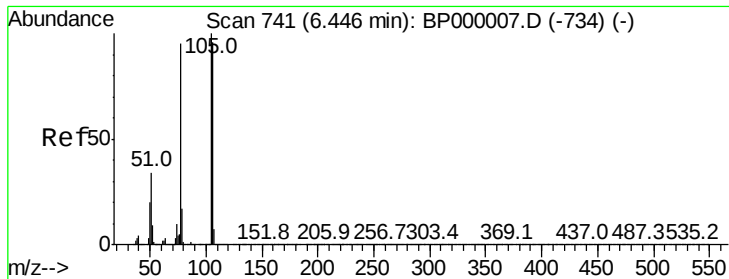


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 0.331 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

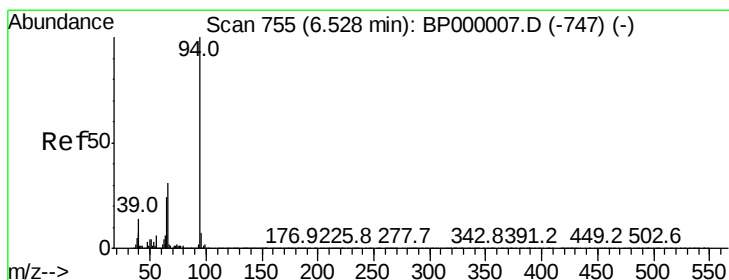
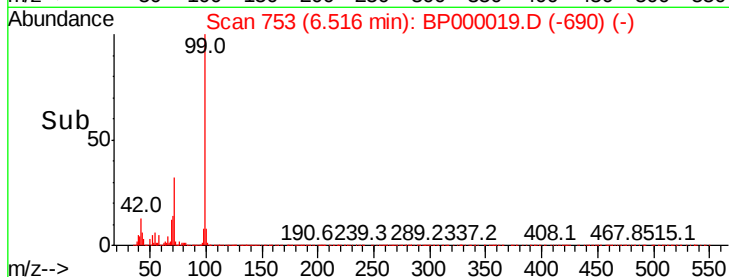
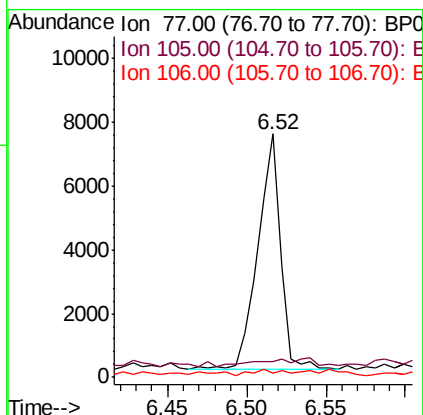
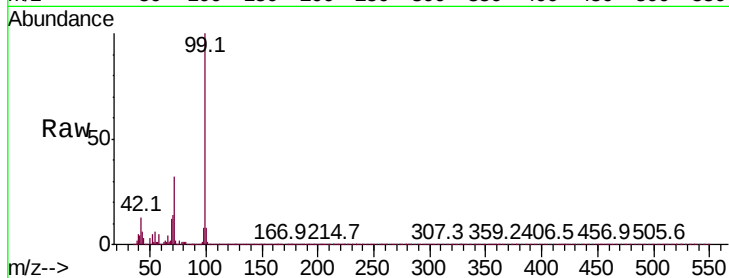
Tot Ion: 77 Resp: 7377

Ion Ratio Lower Upper

77 100

105 6.3 85.1 125.1#

106 1.6 80.8 120.8#



#10

Phenol

Concen: 0.030 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

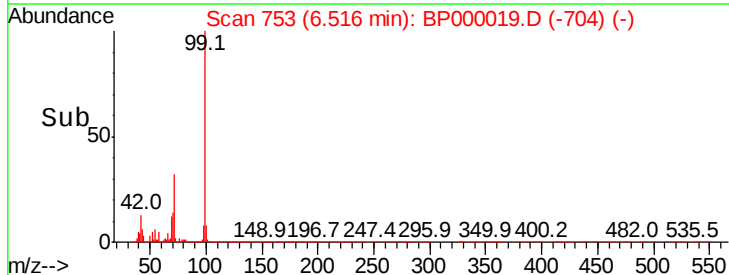
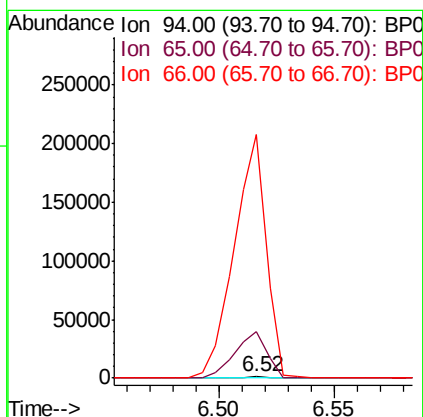
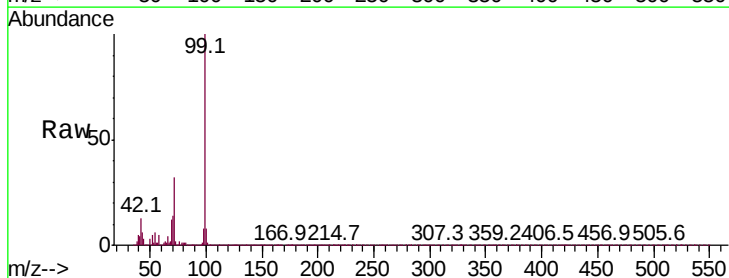
Tgt Ion: 94 Resp: 1193

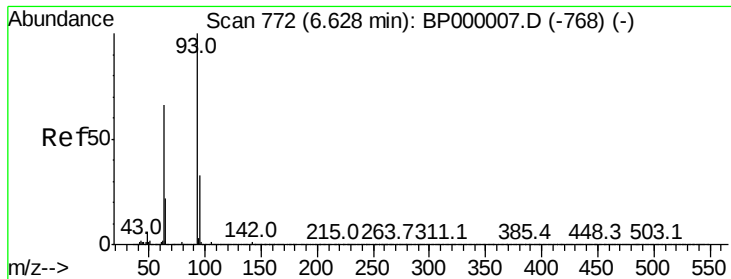
Ion Ratio Lower Upper

94 100

65 3541.4 4.1 44.1#

66 18659.5 11.4 51.4#

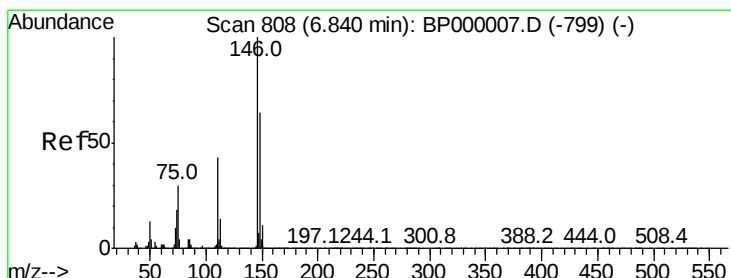
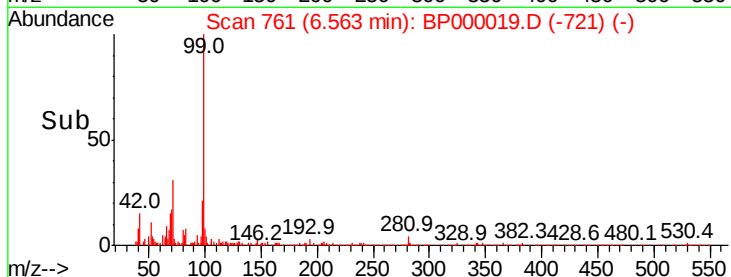
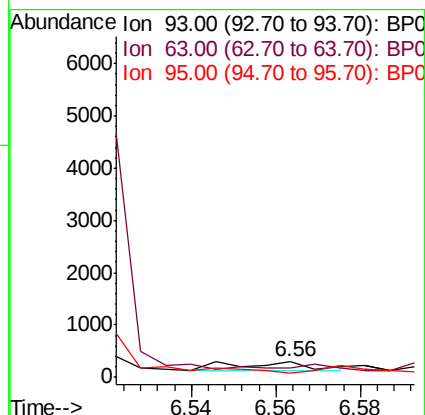
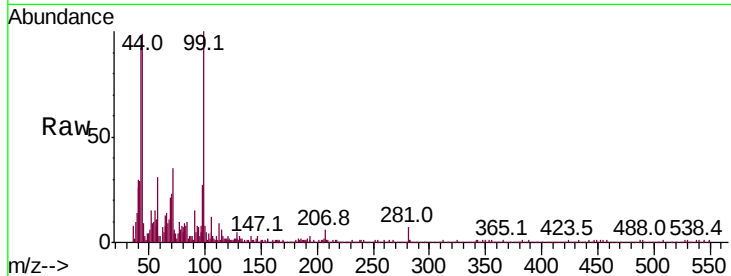




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.06 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

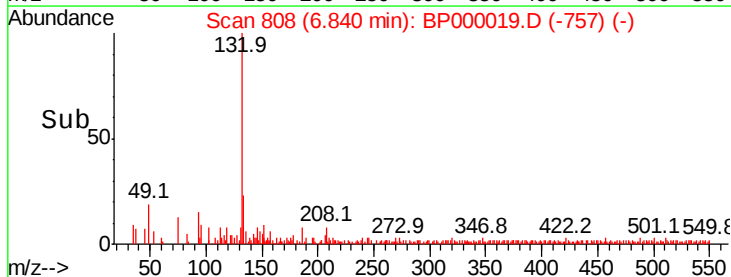
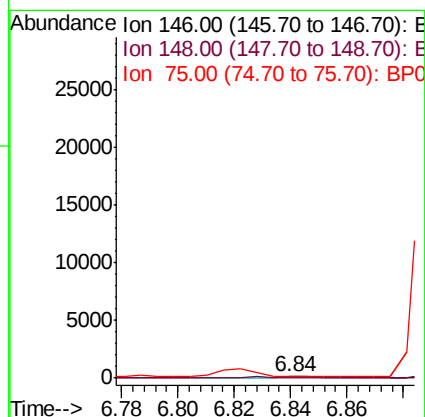
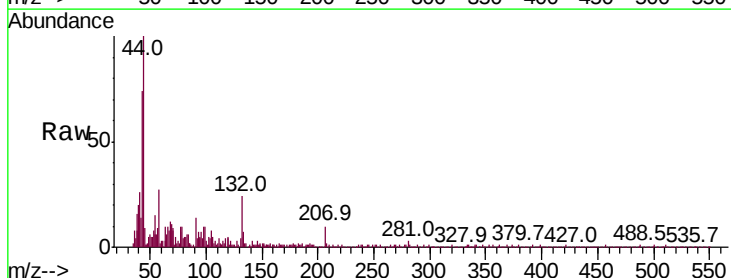
Instrument :
BNA_P
ClientSampleId :

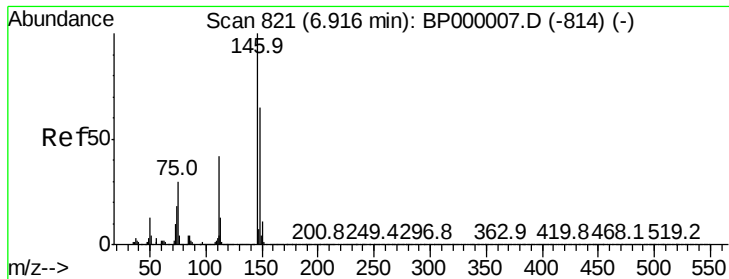
Tot Ion: 93 Resp: 204
Ion Ratio Lower Upper
93 100
63 55.9 46.0 86.0
95 31.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion: 146 Resp: 127
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 114.9 24.0 36.0#





#13

1,4-Dichlorobenzene

Concen: 0.005 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

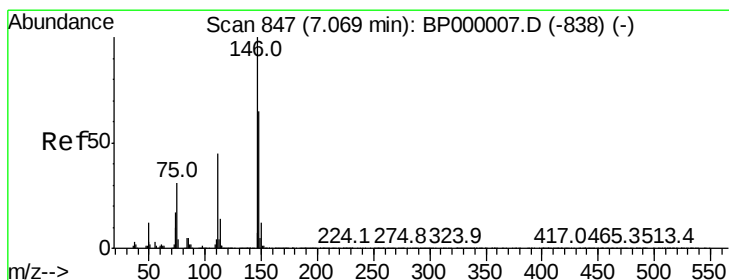
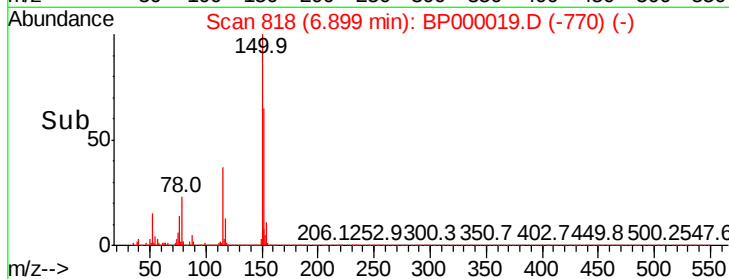
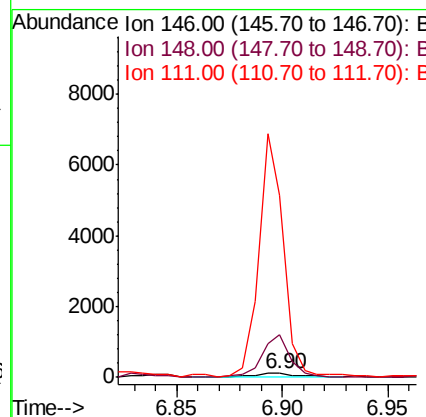
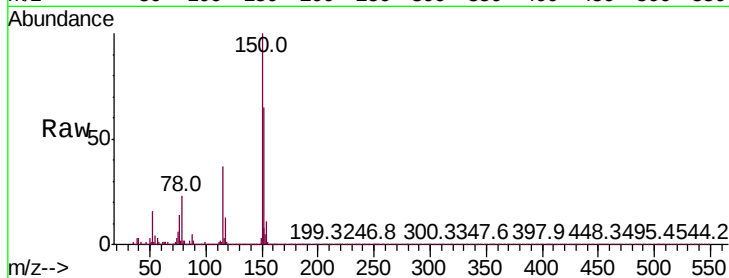
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 184

Ion	Ratio	Lower	Upper
146	100		
148	1034.2	51.6	77.4#
111	4391.5	33.4	50.0#



#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 7.05 min Scan# 844

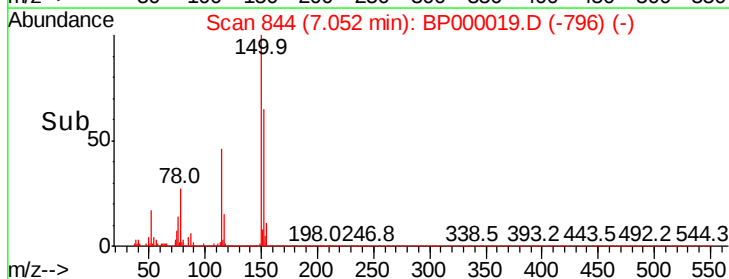
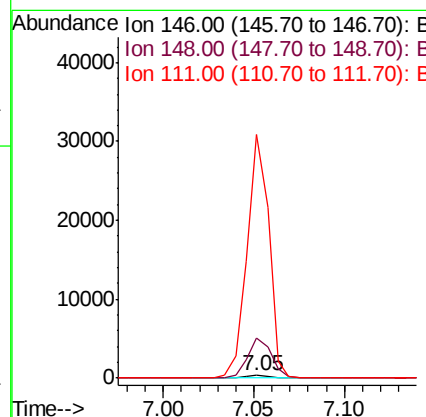
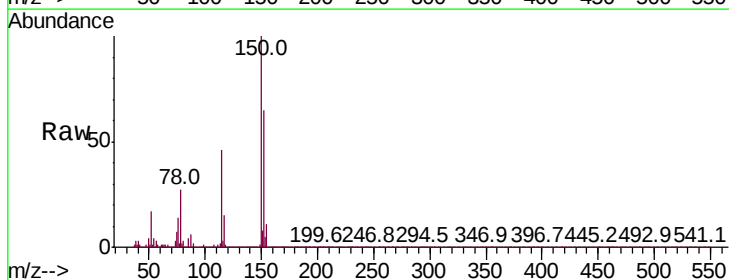
Delta R.T. -0.02 min

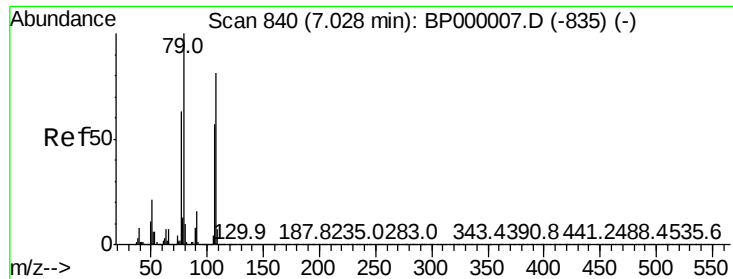
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:146 Resp: 479

Ion	Ratio	Lower	Upper
146	100		
148	1480.4	51.8	77.8#
111	9026.9	36.4	54.6#





#15

Benzyl Alcohol

Concen: 1.782 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

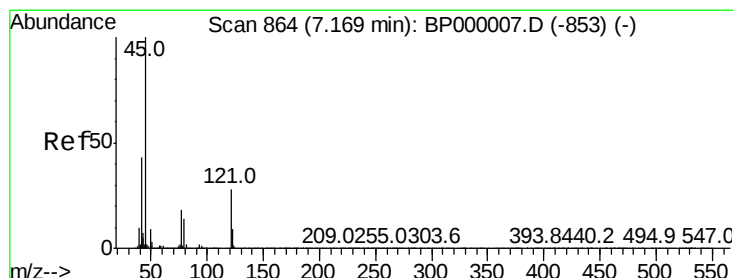
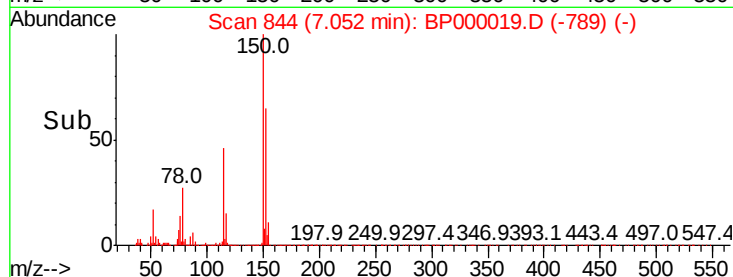
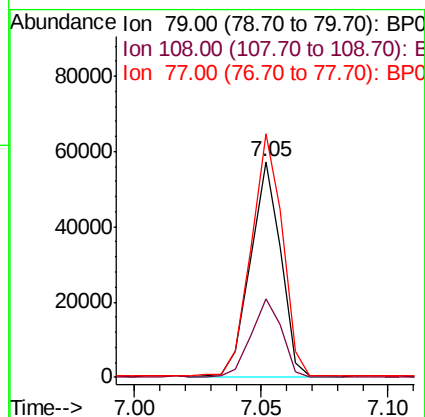
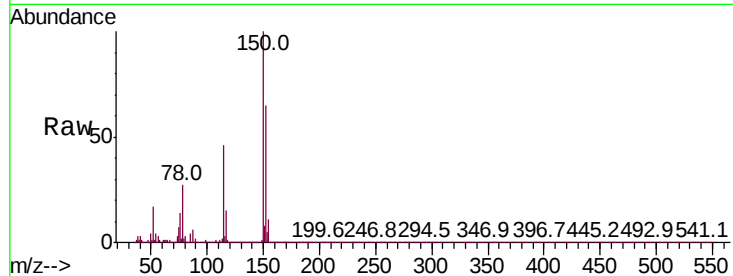
Tot Ion: 79 Resp: 47229

Ion Ratio Lower Upper

79 100

108 36.1 64.5 96.7#

77 112.9 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.008 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

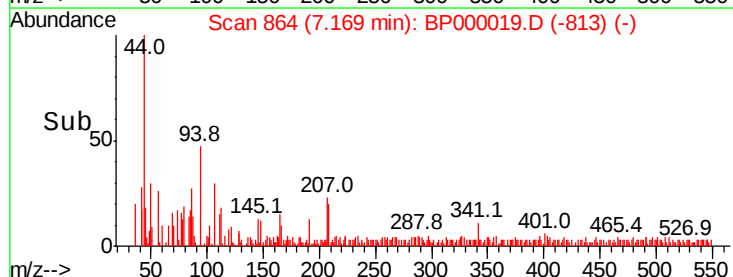
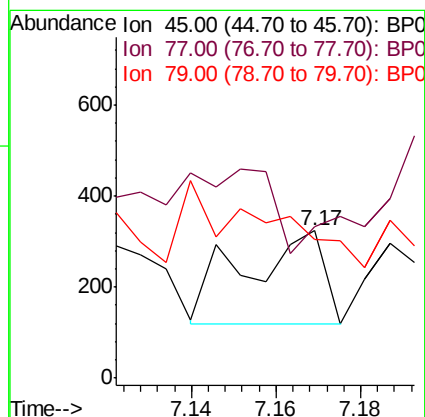
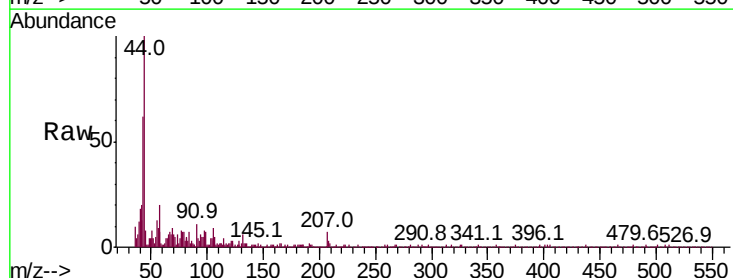
Tgt Ion: 45 Resp: 266

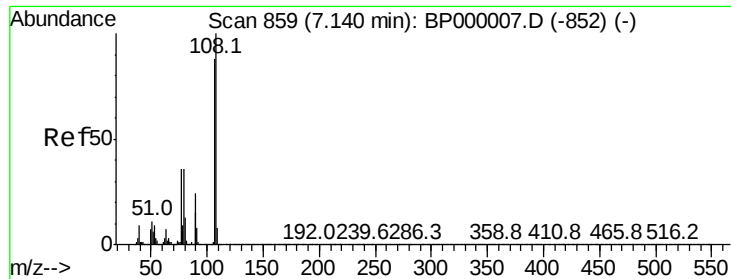
Ion Ratio Lower Upper

45 100

77 102.5 0.0 38.0#

79 94.4 0.0 33.9#

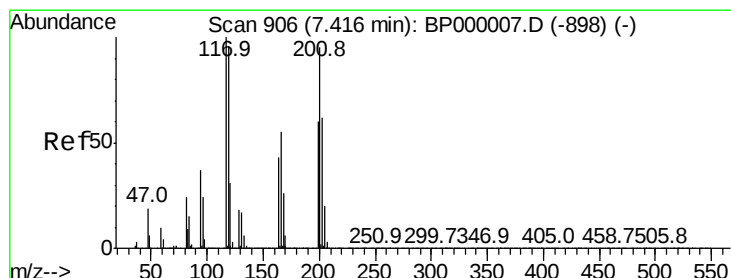
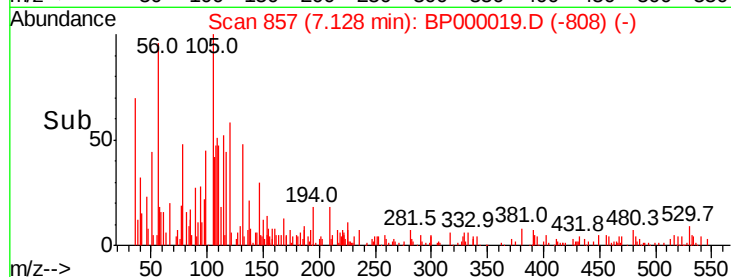
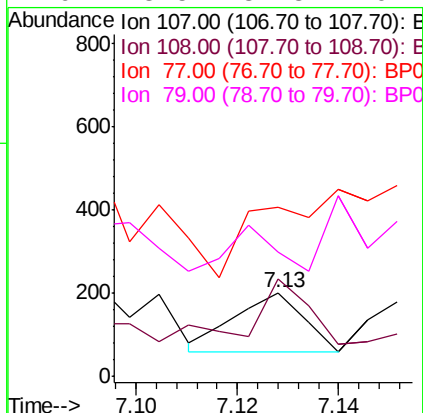
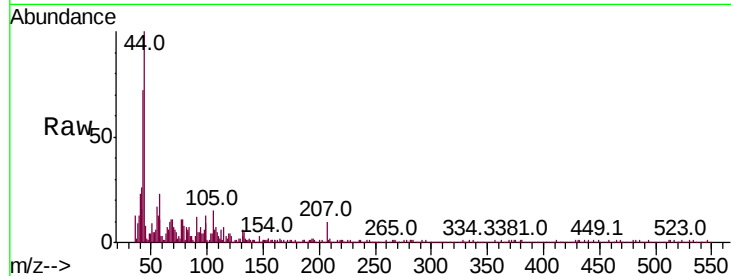




#17
2-Methylphenol
Concen: 0.005 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

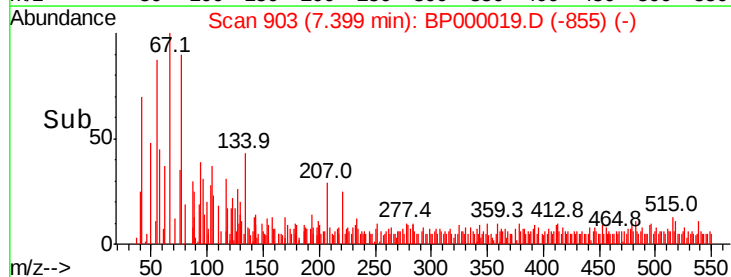
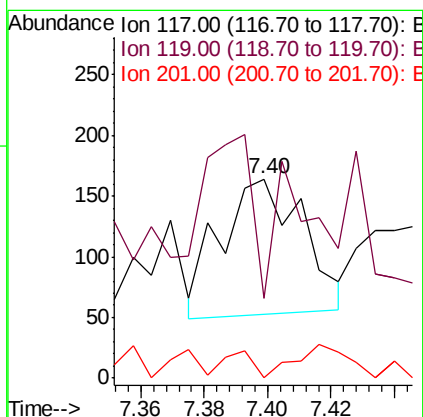
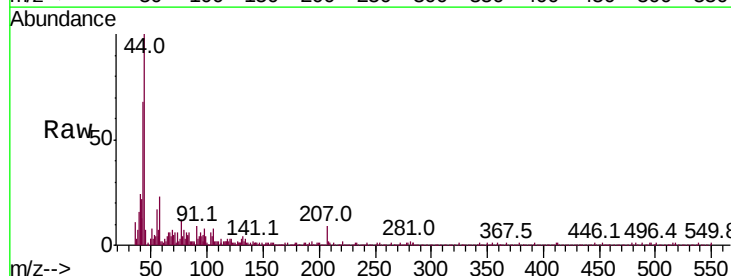
Instrument :
BNA_P
ClientSampled :

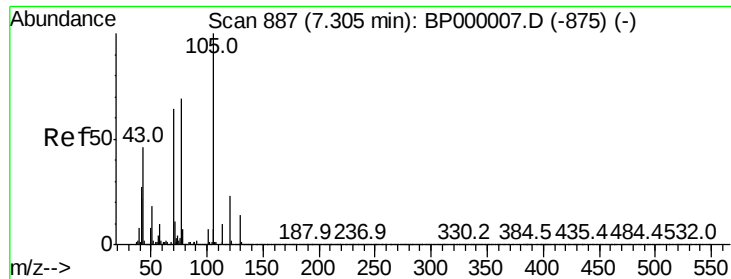
Tot Ion:	107	Resp:	133
Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.9	136.3
77	202.0	33.2	49.8#
79	148.5	32.8	49.2#



#18
Hexachloroethane
Concen: 0.016 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:	117	Resp:	203
Ion	Ratio	Lower	Upper
117	100		
119	40.2	77.0	115.6#
201	7.9	76.2	114.4#

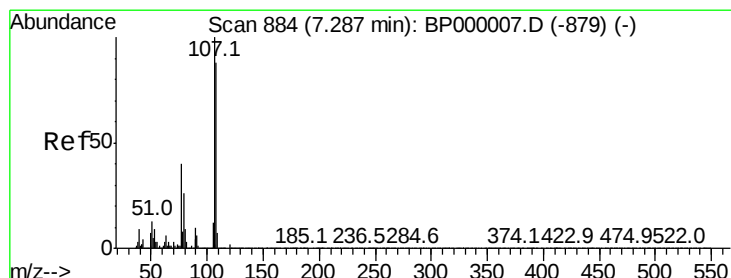
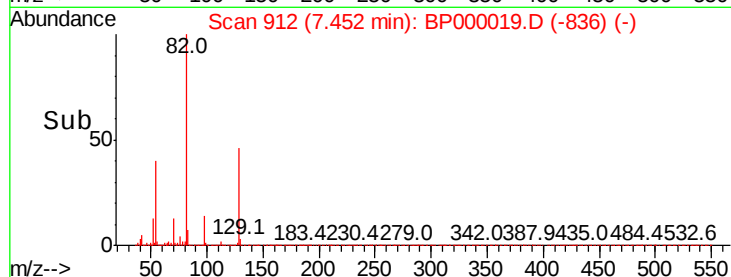
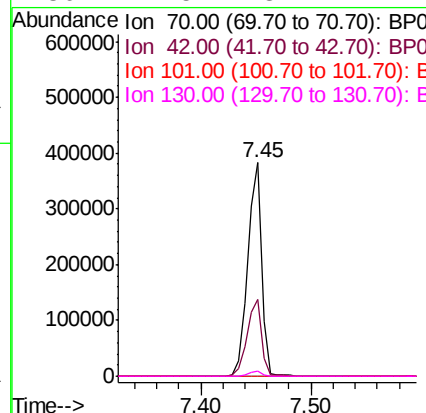
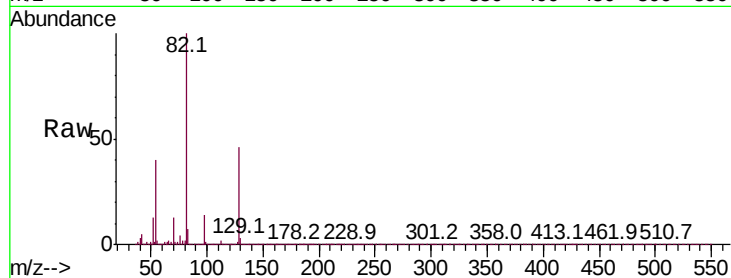




#19
n-Nitroso-di-n-propylamine
Concen: 16.503 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

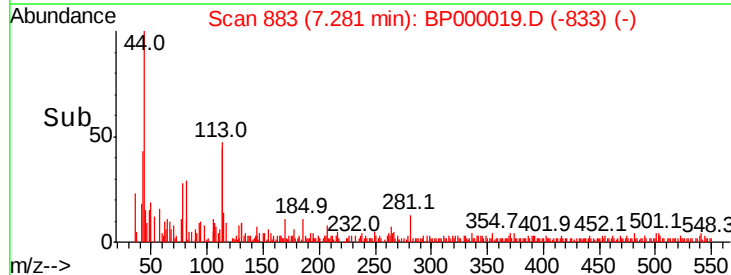
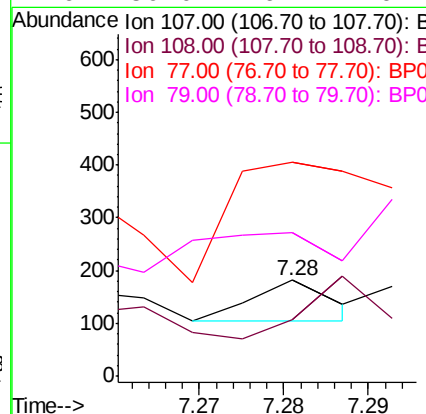
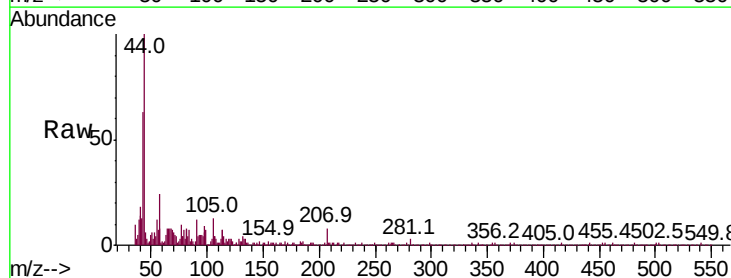
Instrument :
BNA_P
ClientSampled :

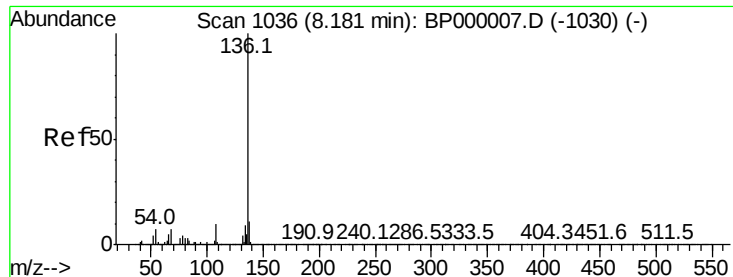
Tot Ion:	70	Resp:	339467
Ion	Ratio	Lower	Upper
70	100		
42	36.0	33.8	50.6
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:	107	Resp:	50
Ion	Ratio	Lower	Upper
107	100		
108	58.8	68.1	108.1#
77	222.5	19.8	59.8#
79	150.0	6.1	46.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1667612

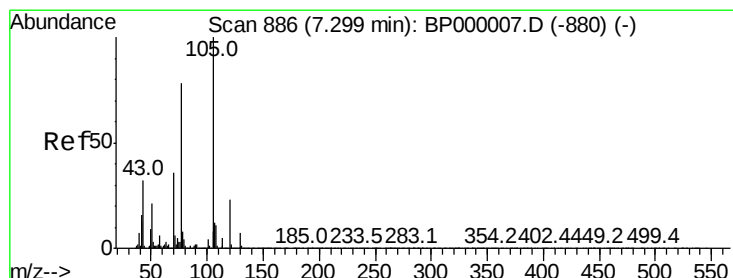
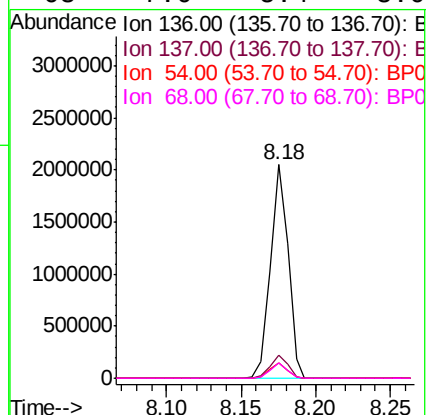
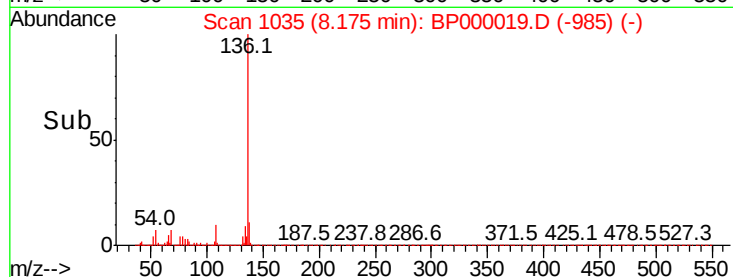
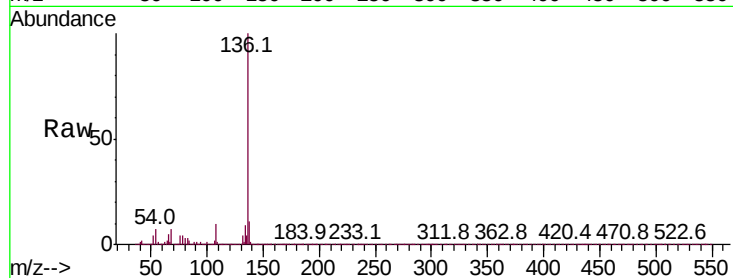
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.2 5.4 8.2

68 7.0 5.4 8.0



#22

Acetophenone

Concen: 0.007 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:105 Resp: 295

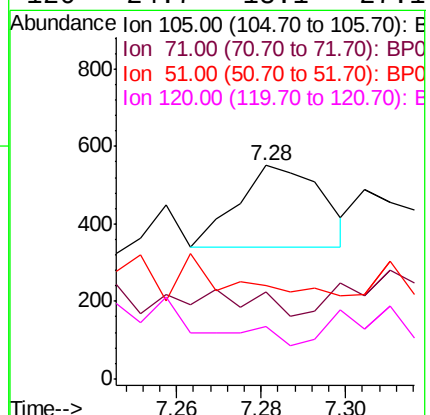
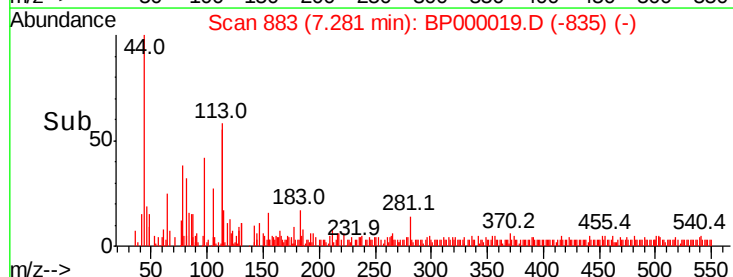
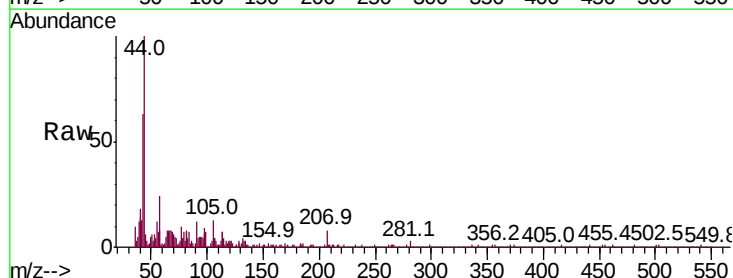
Ion Ratio Lower Upper

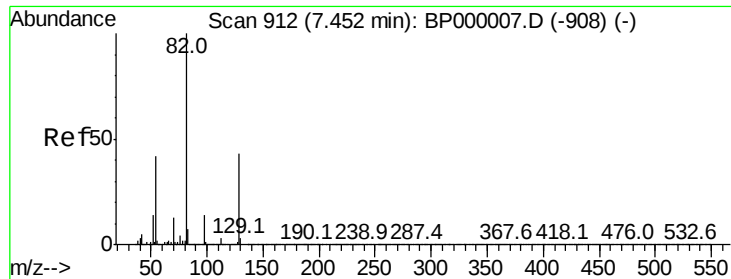
105 100

71 40.7 4.8 7.2#

51 43.7 17.0 25.4#

120 24.7 18.1 27.1

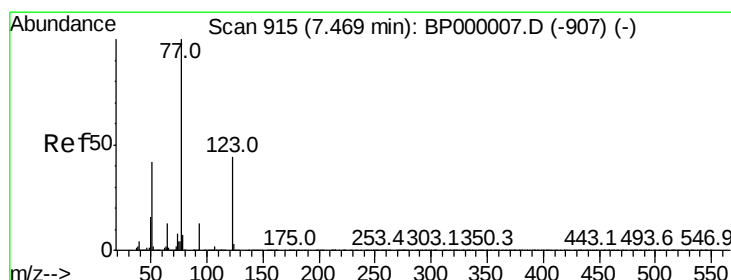
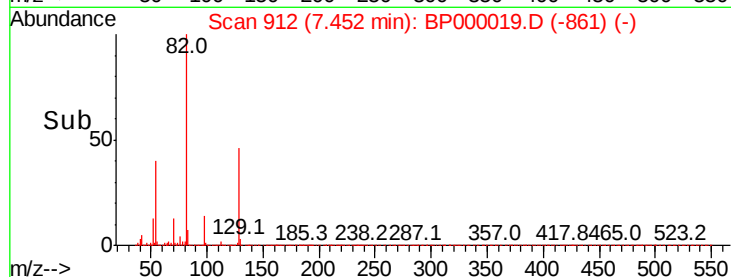
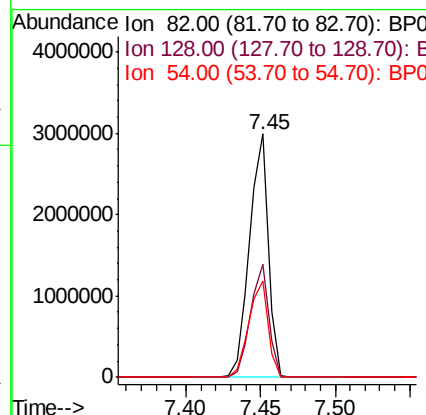
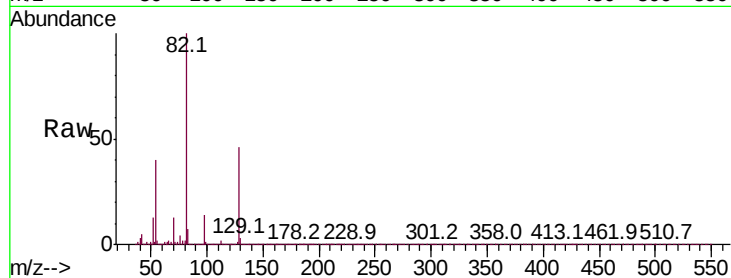




#23
Nitrobenzene-d5
Concen: 95.977 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

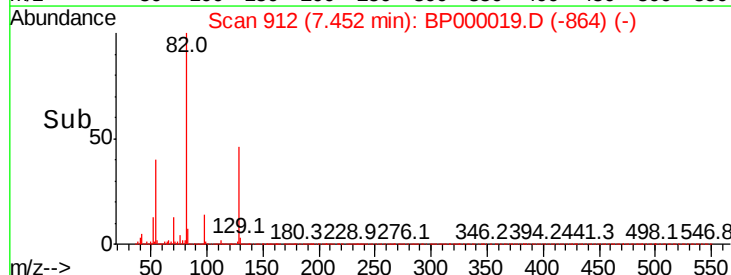
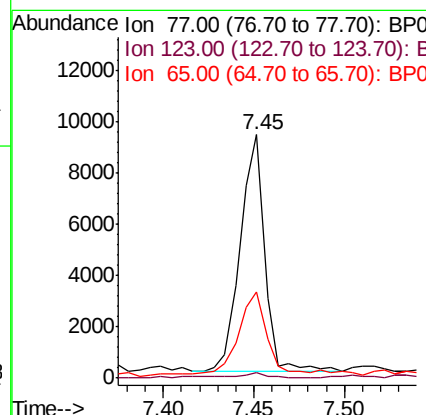
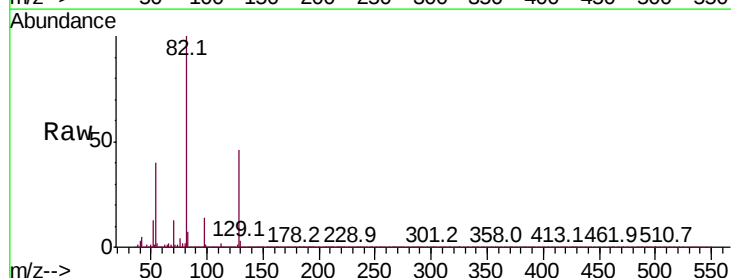
Instrument :
BNA_P
ClientSampleId :

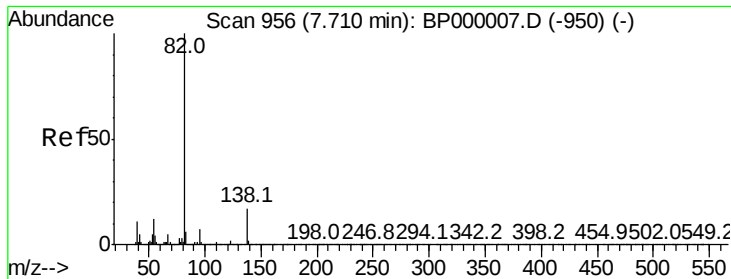
Tot Ion: 82 Resp: 2608412
Ion Ratio Lower Upper
82 100
128 46.5 34.5 51.7
54 39.6 33.2 49.8



#24
Nitrobenzene
Concen: 0.295 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion: 77 Resp: 8693
Ion Ratio Lower Upper
77 100
123 2.2 35.8 53.8#
65 35.1 10.1 15.1#





#25

Isophorone

Concen: 45.420 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

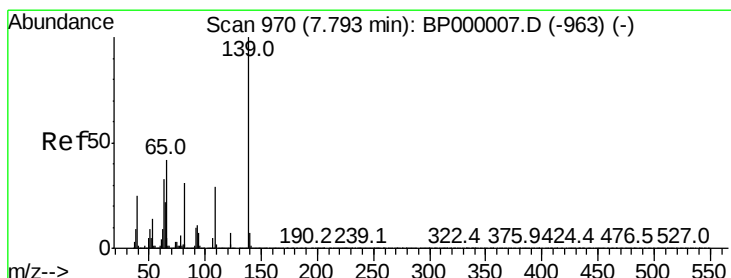
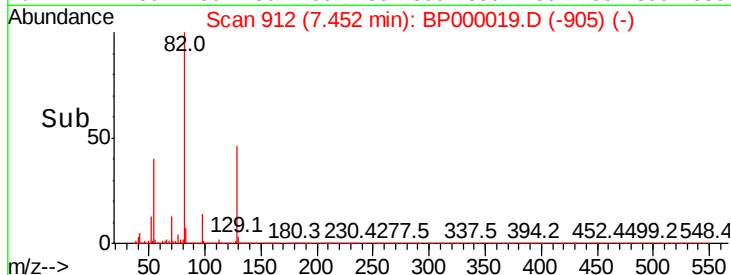
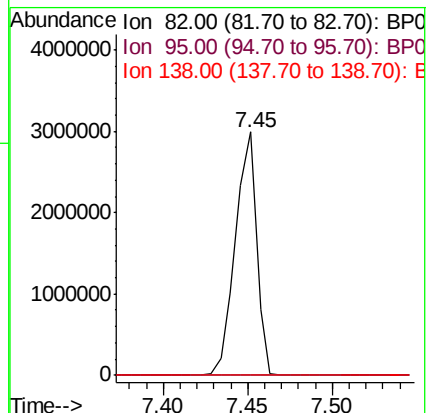
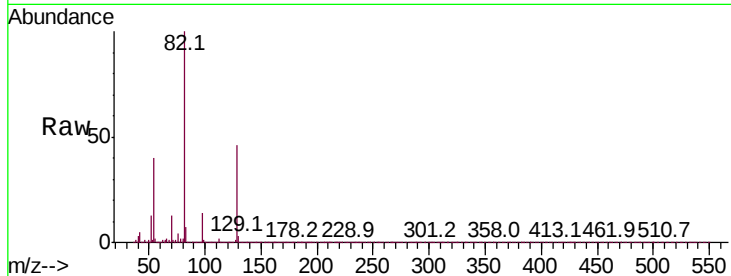
Tot Ion: 82 Resp: 2608223

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



#26

2-Nitrophenol

Concen: 0.009 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

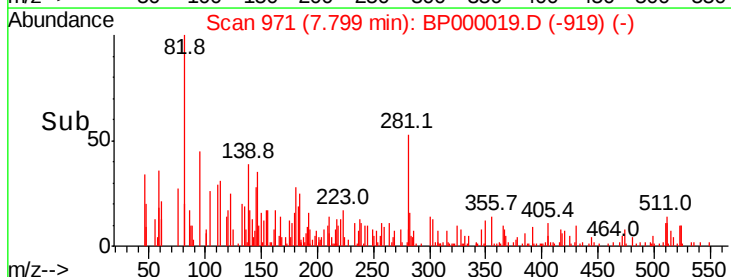
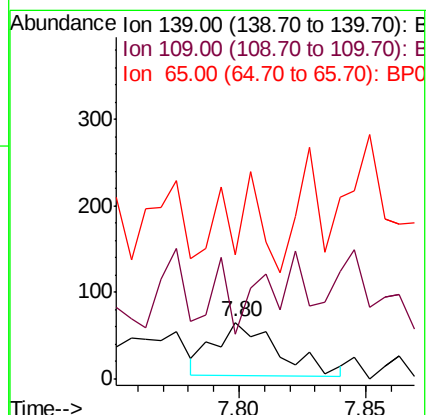
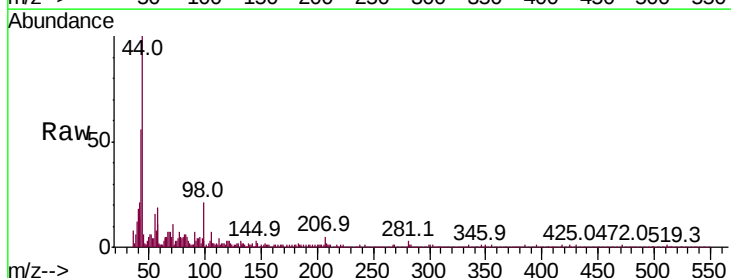
Tgt Ion: 139 Resp: 107

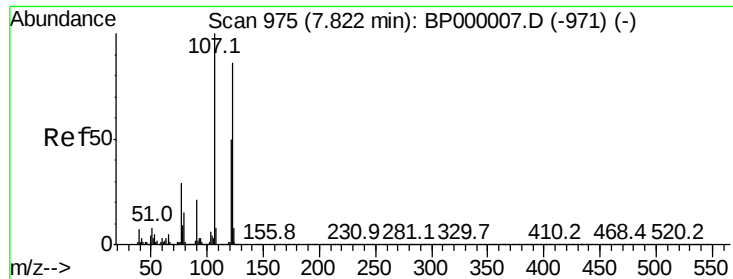
Ion Ratio Lower Upper

139 100

109 196.9 23.4 35.0#

65 220.0 33.4 50.0#





#27

2,4-Dimethylphenol

Concen: 0.005 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.18 min

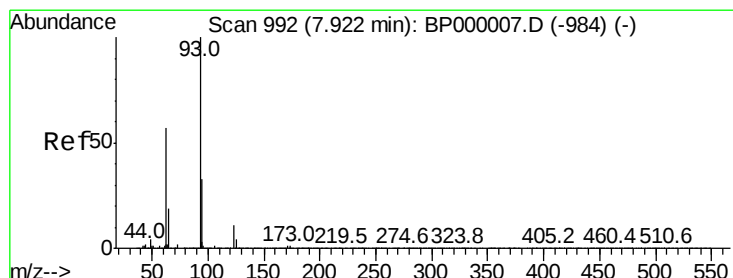
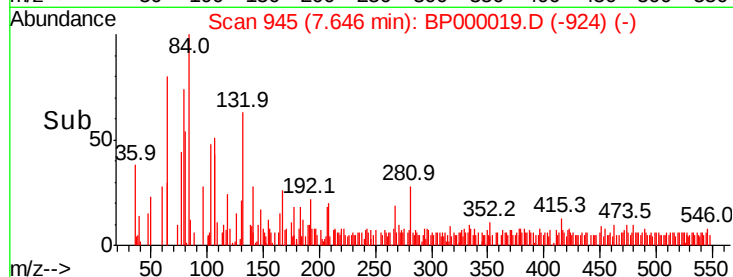
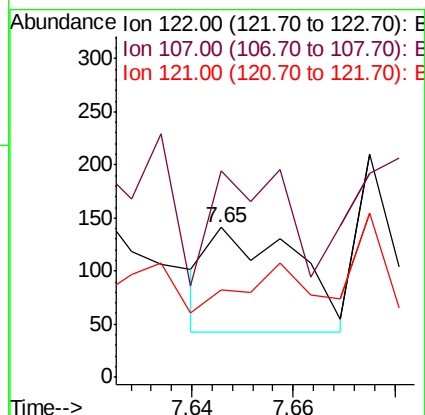
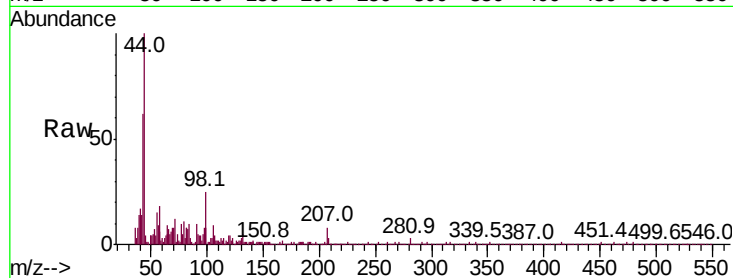
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
107	137.6	92.9	139.3
121	58.2	46.8	70.2



#28

bis(2-Chloroethoxy)methane

Concen: 0.002 ng

RT: 7.94 min Scan# 995

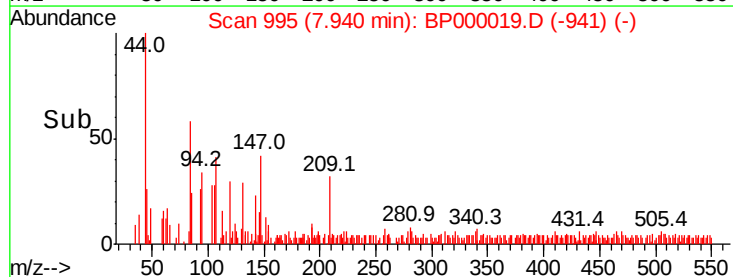
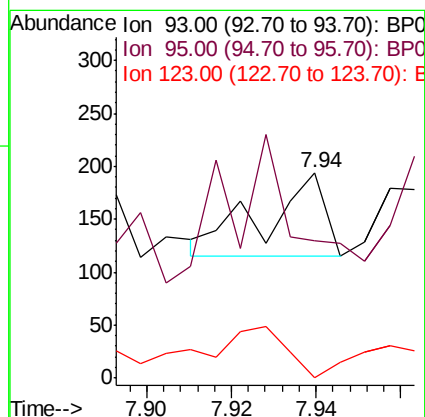
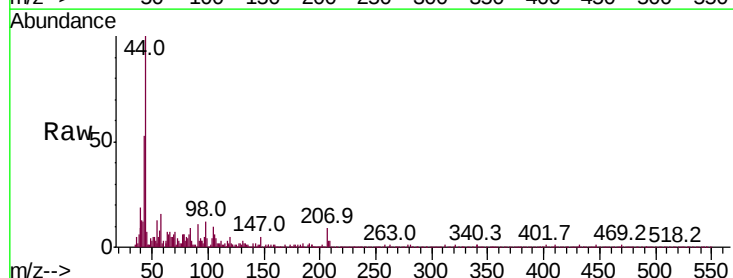
Delta R.T. 0.02 min

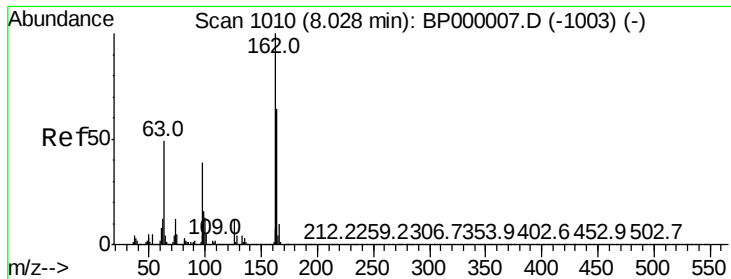
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion: 93 Resp: 77

Ion	Ratio	Lower	Upper
93	100		
95	67.0	26.1	39.1#
123	0.0	9.0	13.4#





#29

2,4-Dichlorophenol

Concen: 0.001 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

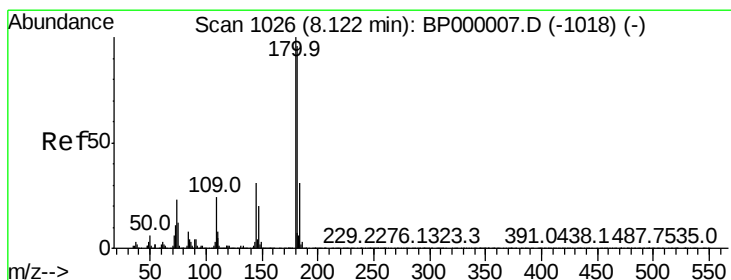
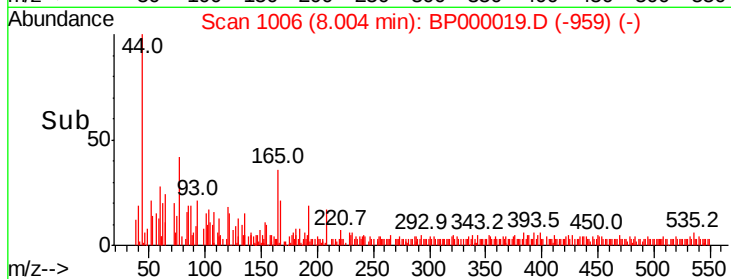
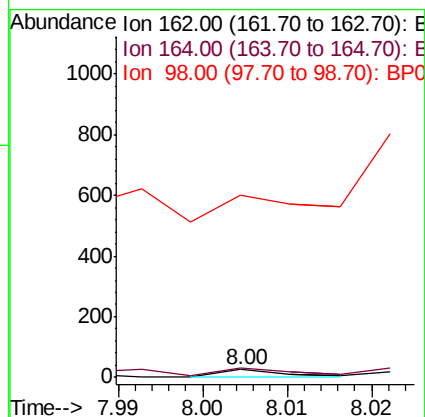
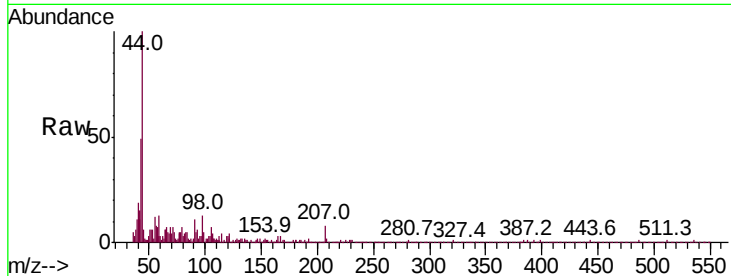
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampled :

Tot Ion:162 Resp: 16

Ion	Ratio	Lower	Upper
162	100		
164	120.0	44.2	84.2#
98	2400.0	18.7	58.7#



#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

RT: 8.12 min Scan# 1025

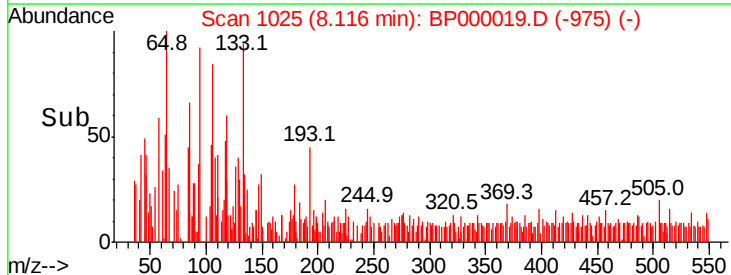
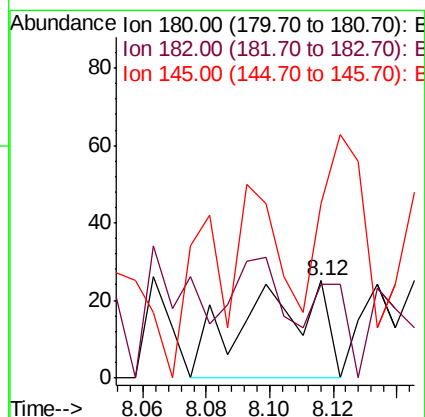
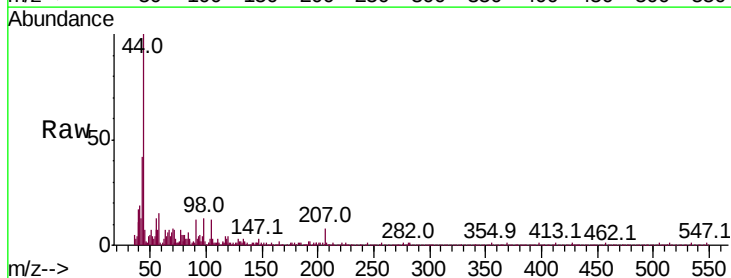
Delta R.T. -0.01 min

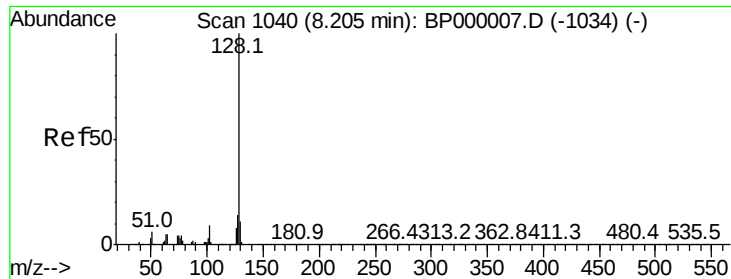
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:180 Resp: 42

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.7	115.1
145	180.0	24.8	37.2#

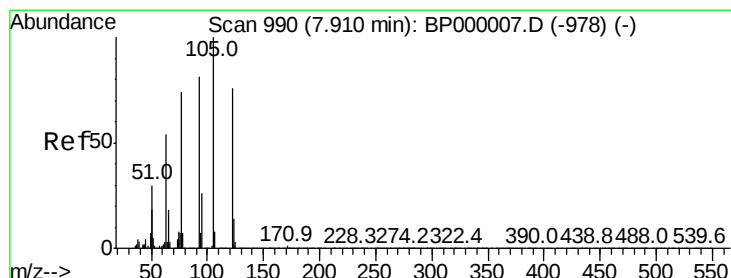
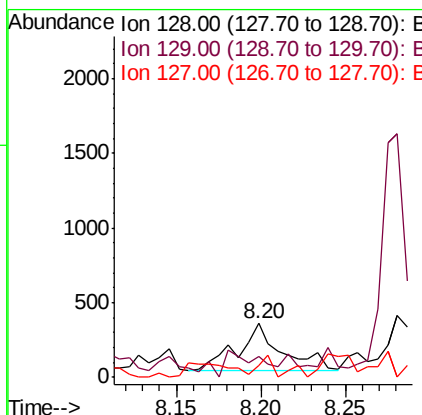
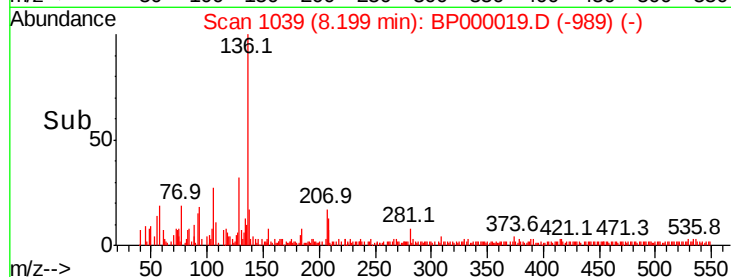
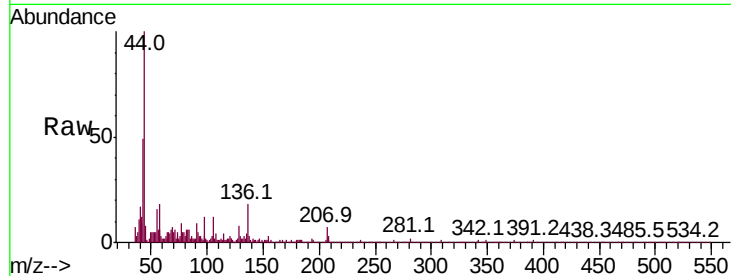




#31
Naphthalene
Concen: 0.008 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

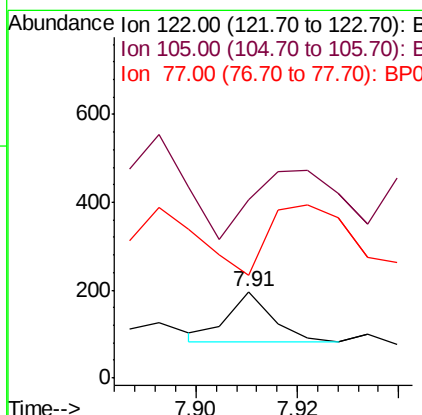
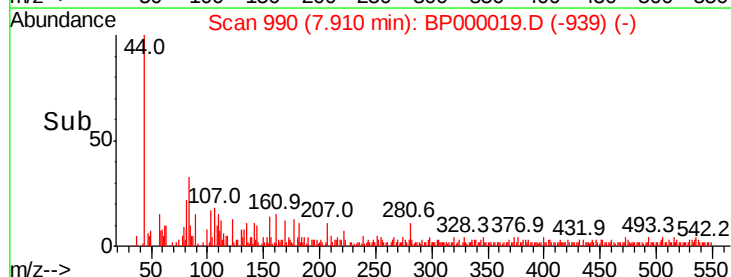
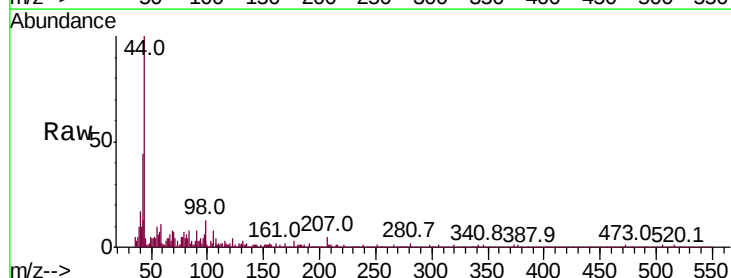
Instrument :
BNA_P
ClientSampleId :

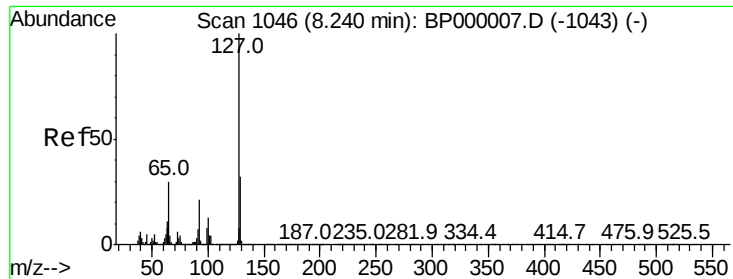
Tot Ion:128 Resp: 594
Ion Ratio Lower Upper
128 100
129 38.6 9.0 13.6#
127 22.8 11.0 16.6#



#32
Benzoic acid
Concen: 8.066 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 206.6 104.6 144.6#
77 119.9 74.1 114.1#





#33

4-Chloroaniline

Concen: 0.005 ng

RT: 8.24 min Scan# 1046

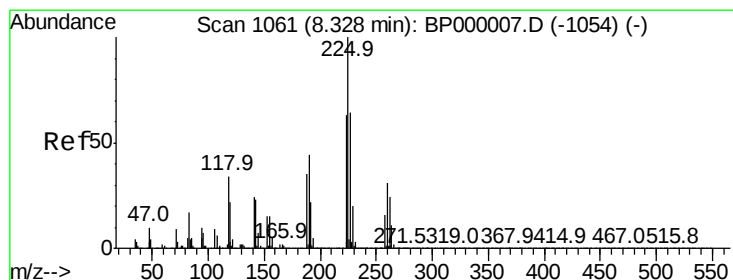
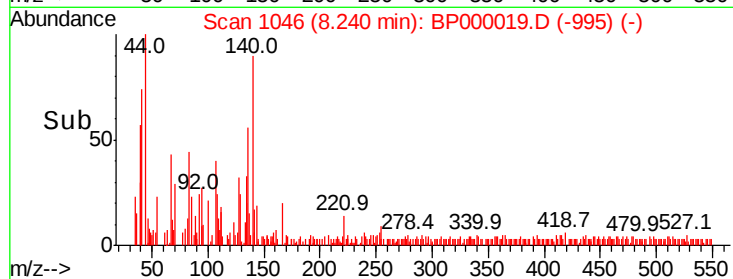
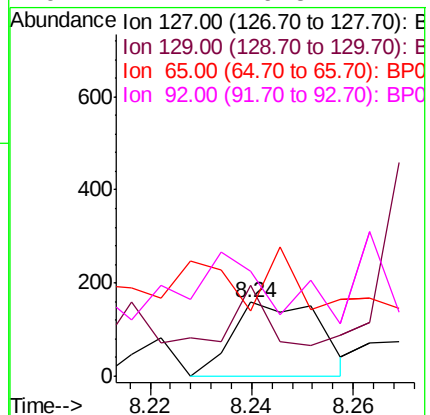
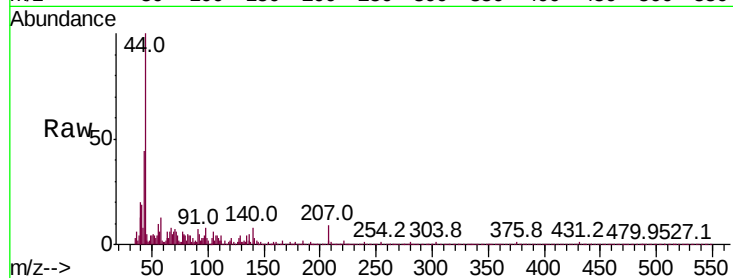
Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	190
Ion	Ratio	Lower	Upper
127	100		
129	123.3	25.8	38.6#
65	88.1	24.2	36.2#
92	142.1	16.5	24.7#



#34

Hexachlorobutadiene

Concen: 0.001 ng

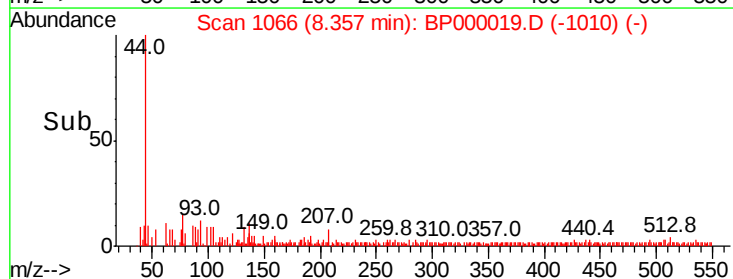
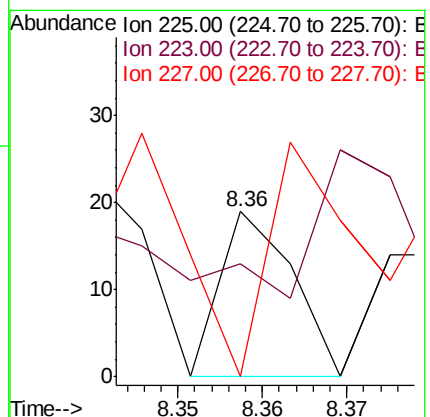
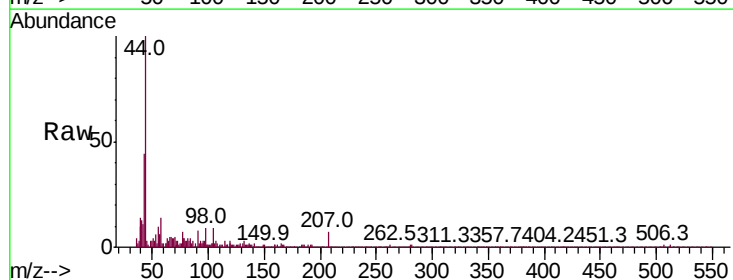
RT: 8.36 min Scan# 1066

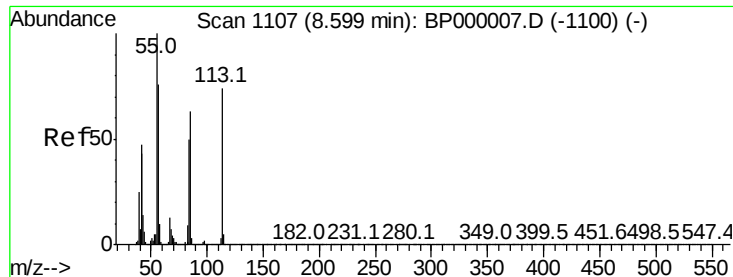
Delta R.T. 0.03 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:	225	Resp:	11
Ion	Ratio	Lower	Upper
225	100		
223	68.4	50.6	76.0
227	63.2	51.0	76.4





#35

Caprolactam

Concen: 0.022 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

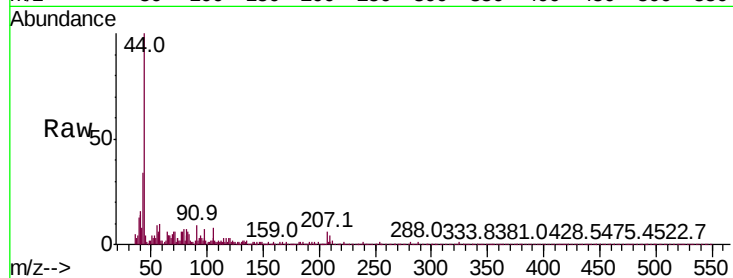
Tot Ion:113 Resp: 185

Ion Ratio Lower Upper

113 100

55 384.3 114.6 154.6#

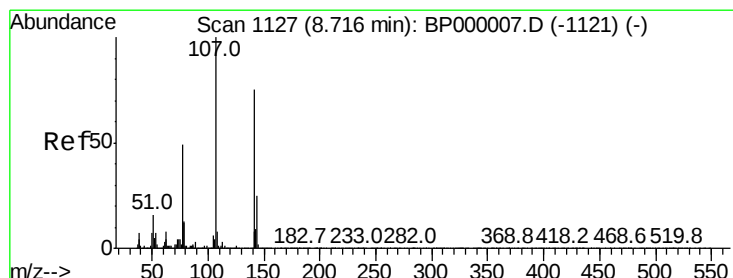
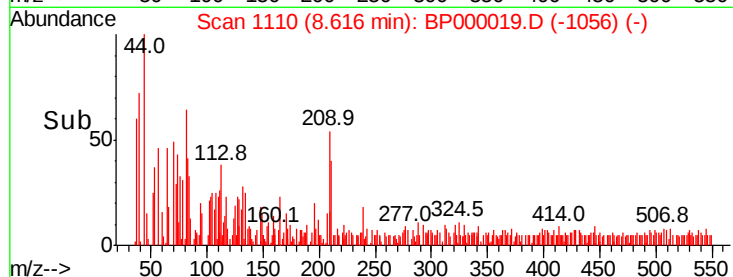
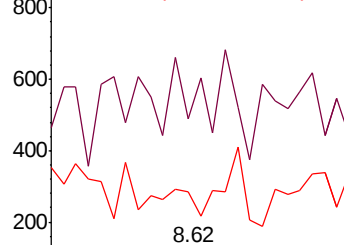
56 225.2 82.1 122.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 0.002 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

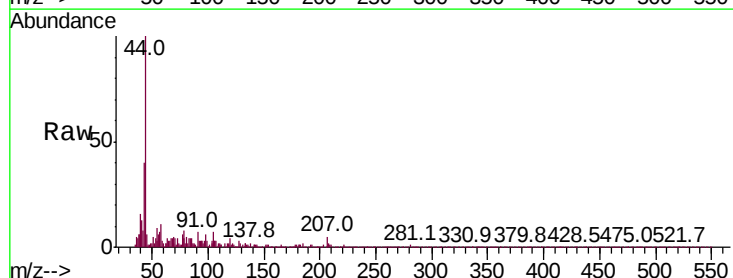
Tgt Ion:107 Resp: 43

Ion Ratio Lower Upper

107 100

144 19.0 19.8 29.6#

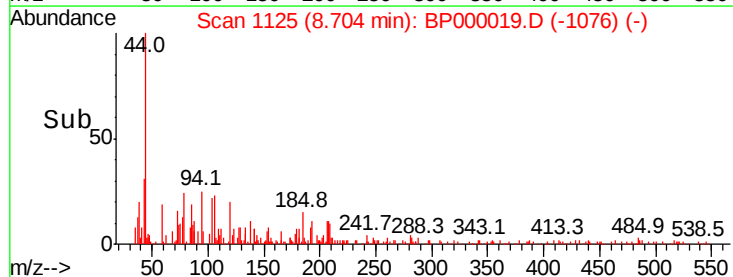
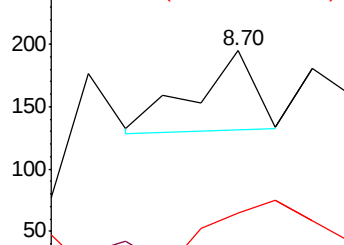
142 33.3 60.4 90.6#

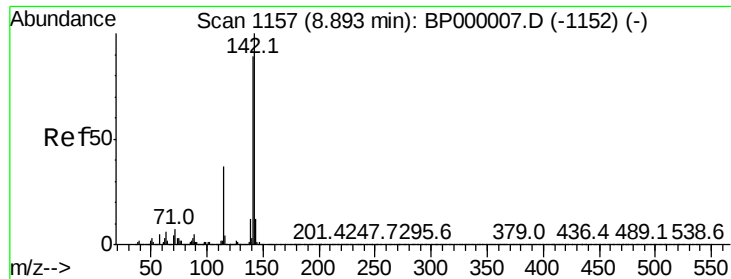


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.005 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

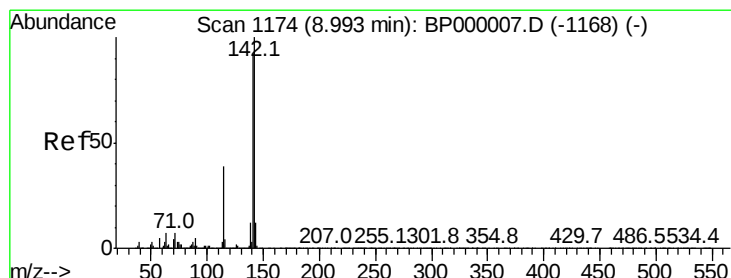
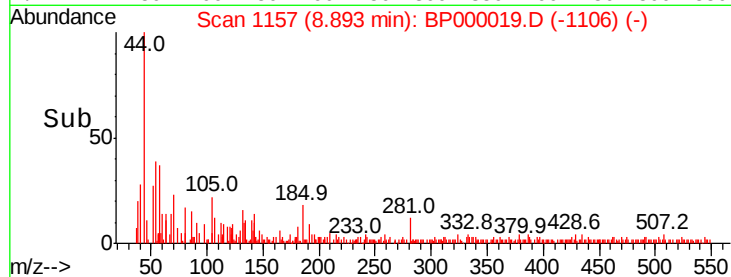
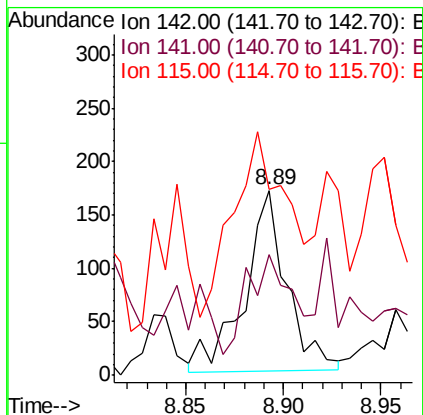
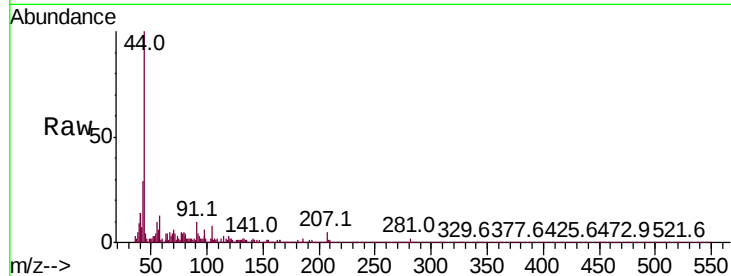
Tot Ion:142 Resp: 254

Ion Ratio Lower Upper

142 100

141 65.3 71.0 106.4#

115 100.6 29.4 44.2#



#38

1-Methylnaphthalene

Concen: 0.006 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

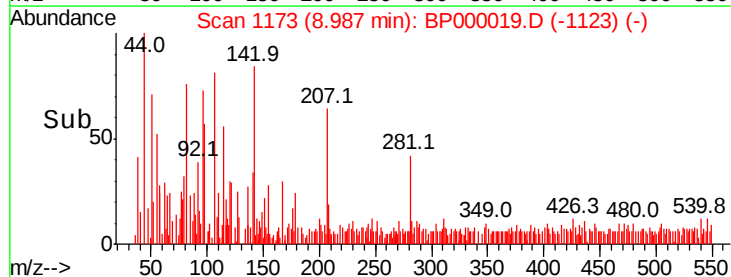
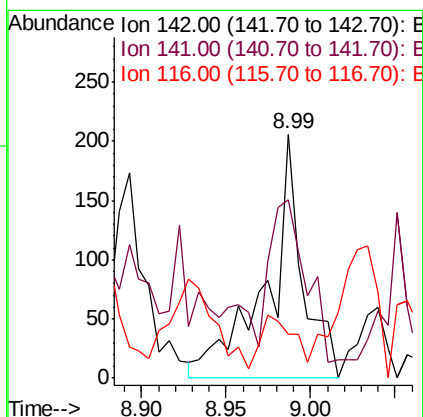
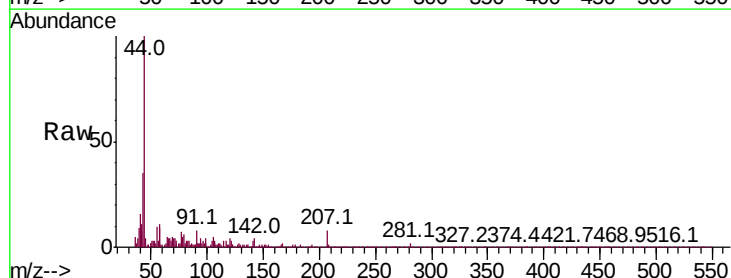
Tgt Ion:142 Resp: 297

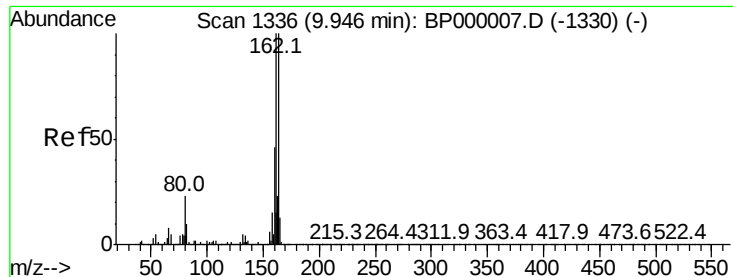
Ion Ratio Lower Upper

142 100

141 68.0 73.6 110.4#

116 16.7 3.4 5.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

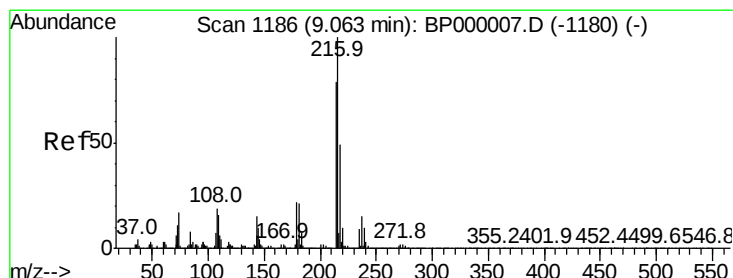
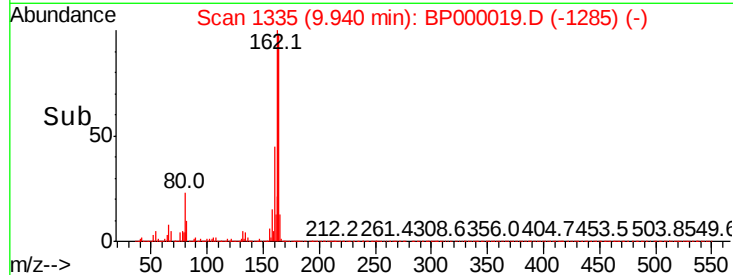
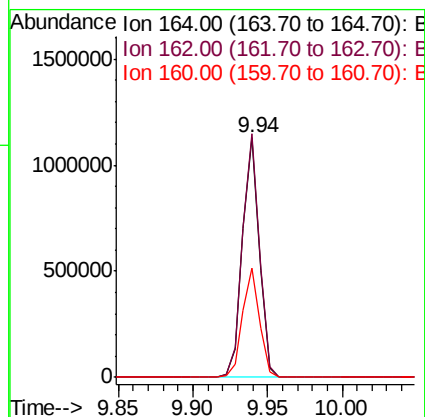
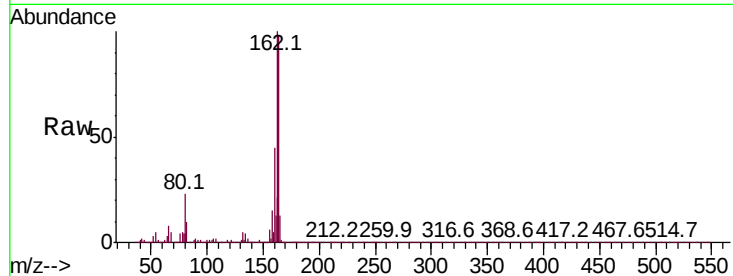
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampled :

Tot Ion:164 Resp: 895419

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.4
160	45.5	36.6	55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng

RT: 9.06 min Scan# 1186

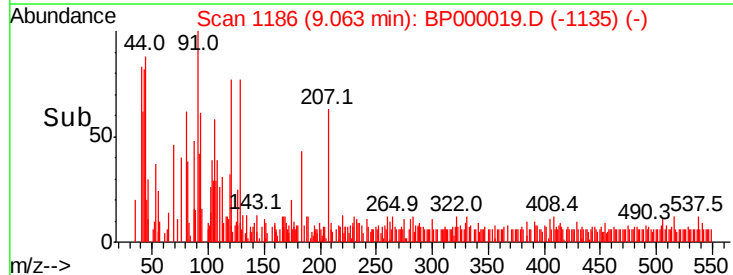
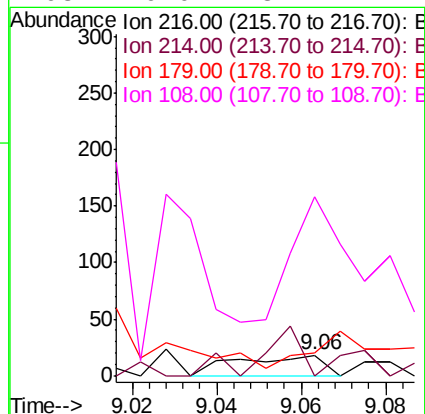
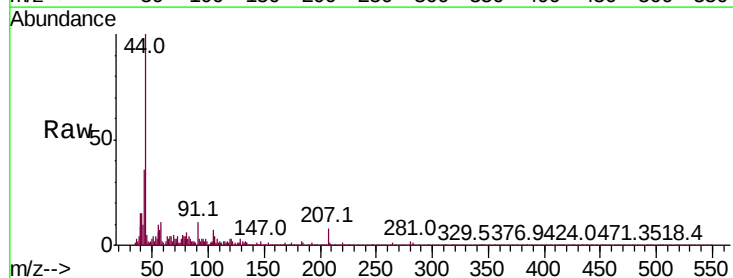
Delta R.T. -0.00 min

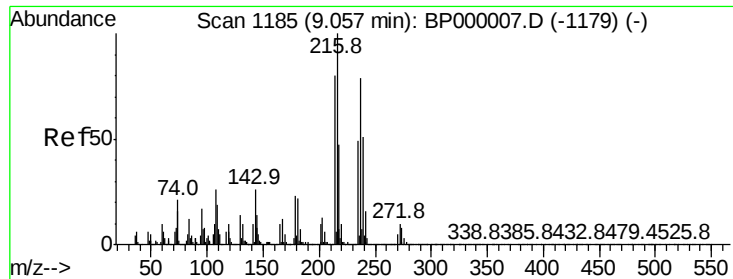
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:216 Resp: 25

Ion	Ratio	Lower	Upper
216	100		
214	144.0	63.4	95.2#
179	212.0	17.8	26.6#
108	0.0	18.1	27.1#

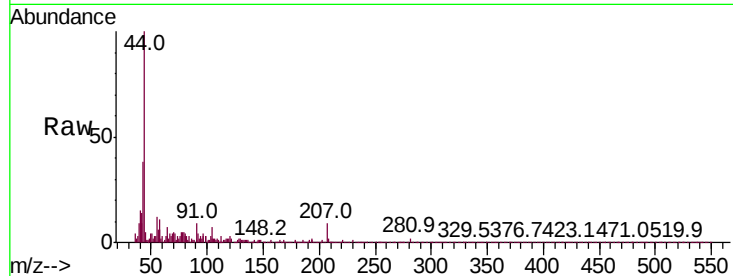




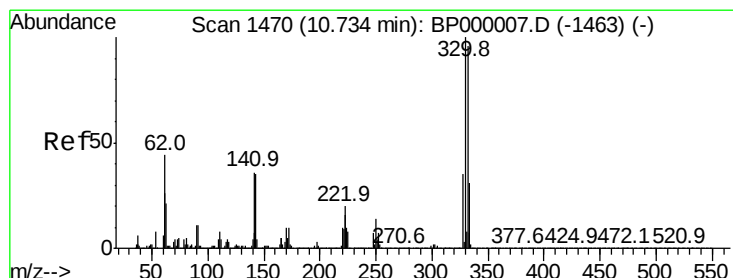
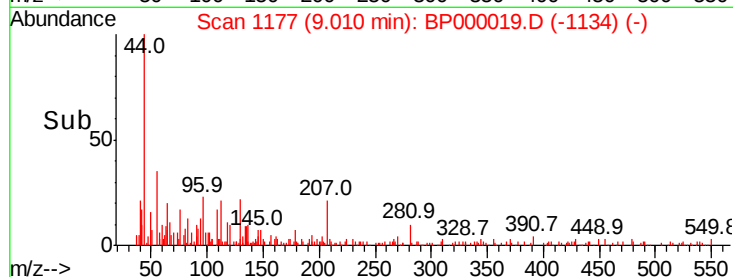
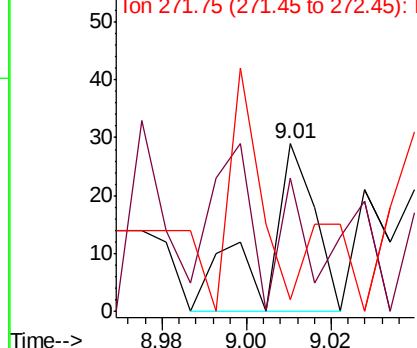
#41
Hexachlorocyclopentadiene
Concen: 0.002 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	79.3	42.0	82.0
272	6.9	0.0	33.1

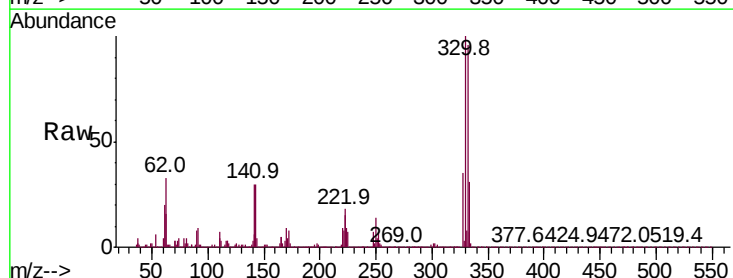


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

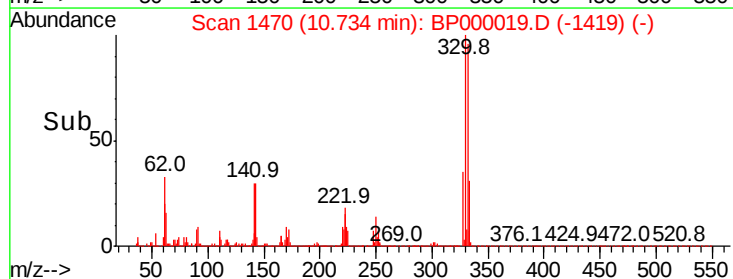
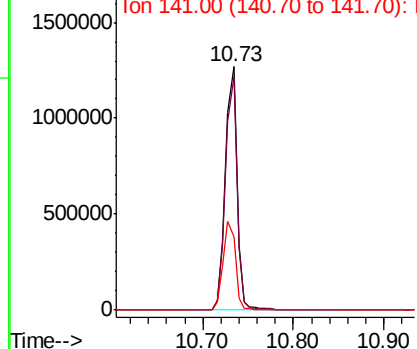


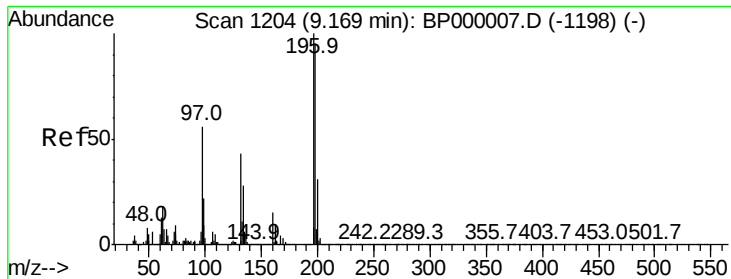
#42
2,4,6-Tribromophenol
Concen: 148.280 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	39.0	33.6	50.4



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

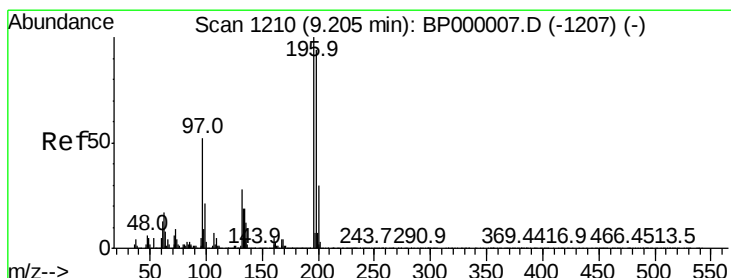
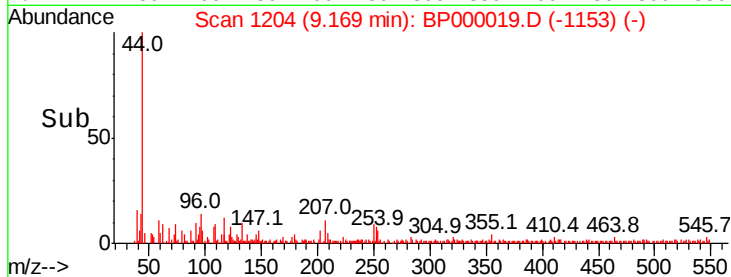
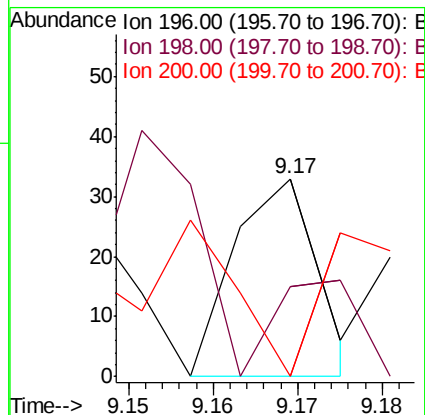
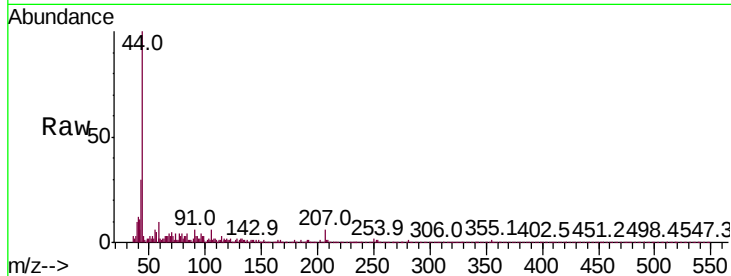




#43
 2,4,6-Trichlorophenol
 Concen: 0.001 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

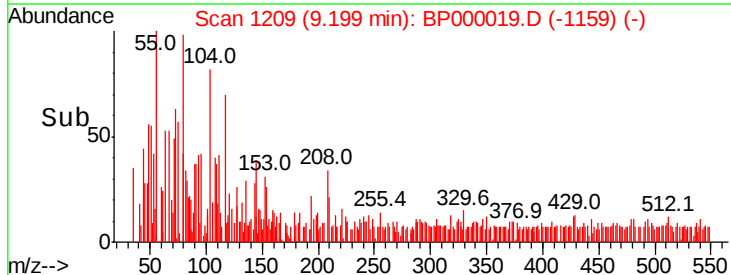
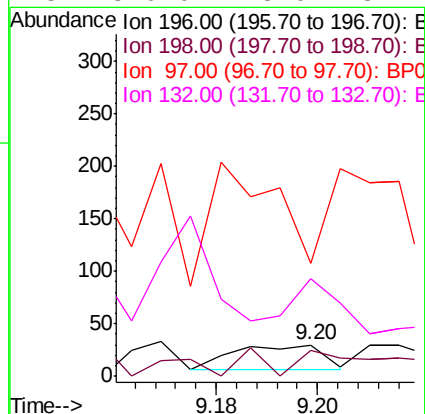
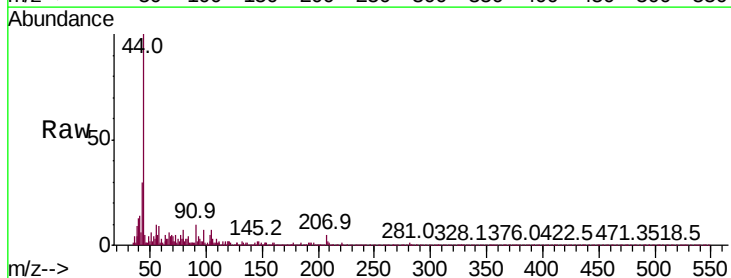
Instrument :
 BNA_P
 ClientSampleId :

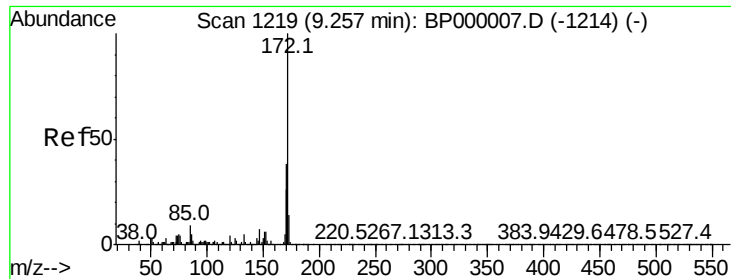
Tot Ion	Ratio	Lower	Upper
196	100		
198	45.5	76.2	114.2#
200	0.0	25.0	37.4#



#44
 2,4,5-Trichlorophenol
 Concen: 0.002 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	83.3	74.9	112.3
97	360.0	42.2	63.2#
132	310.0	23.0	34.4#

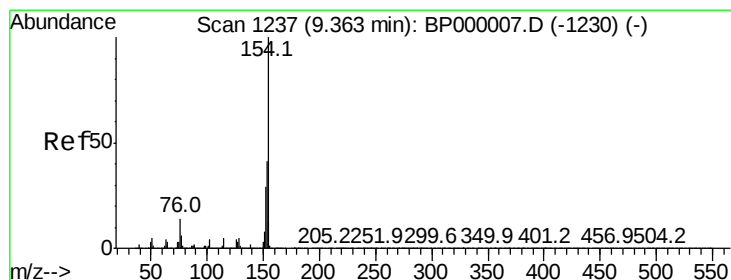
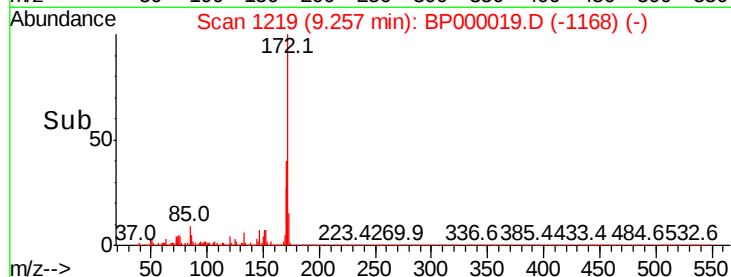
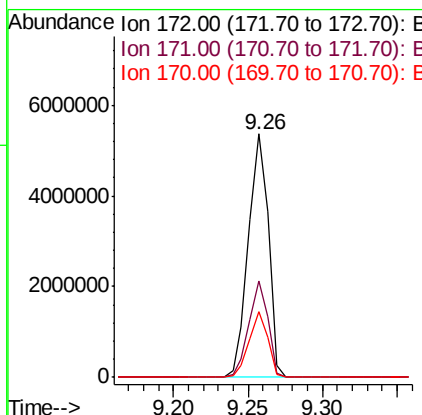
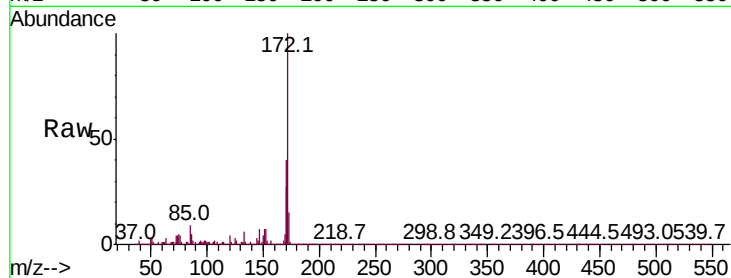




#45
2-Fluorobiphenyl
Concen: 92.501 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

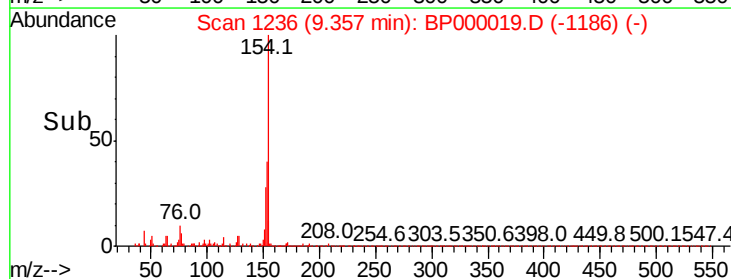
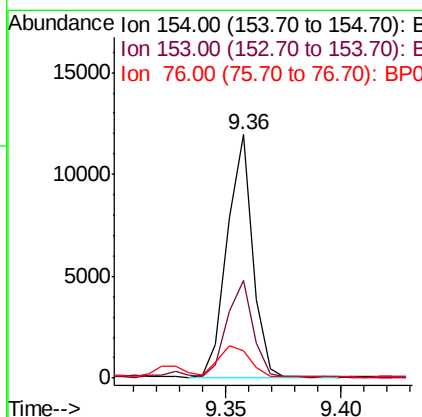
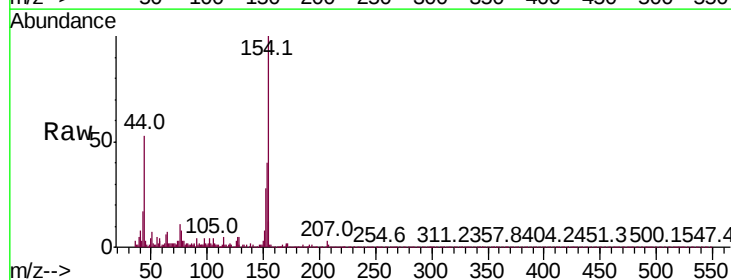
Instrument :
BNA_P
ClientSampleId :

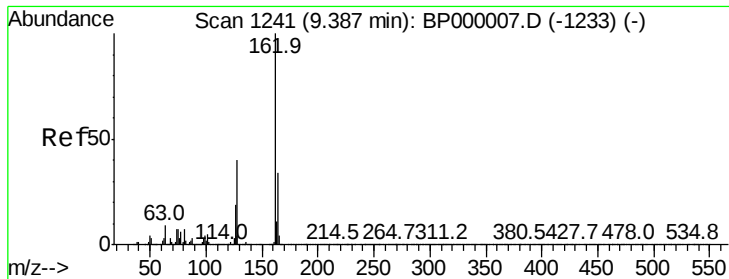
Tot Ion:172 Resp: 4959725
Ion Ratio Lower Upper
172 100
171 39.8 30.7 46.1
170 27.1 20.7 31.1



#46
1,1'-Biphenyl
Concen: 0.145 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:154 Resp: 9184
Ion Ratio Lower Upper
154 100
153 40.2 21.1 61.1
76 11.5 0.0 33.7





#47

2-Chloronaphthalene

Concen: 0.003 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

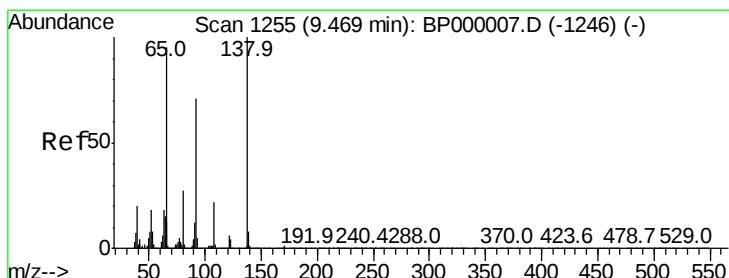
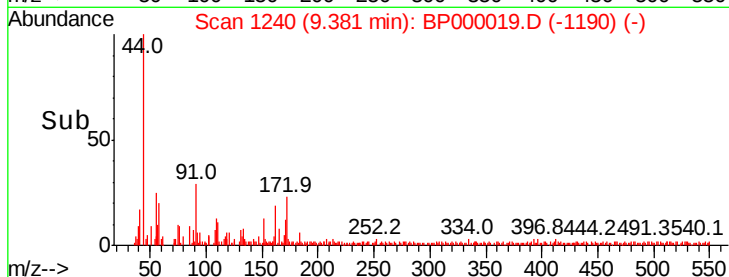
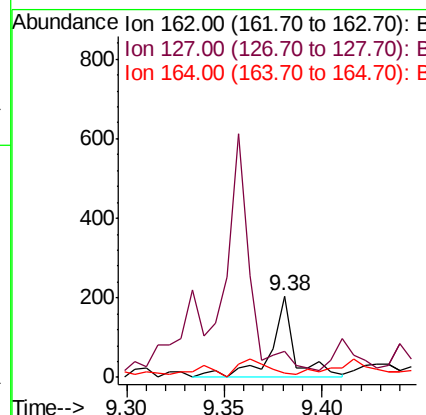
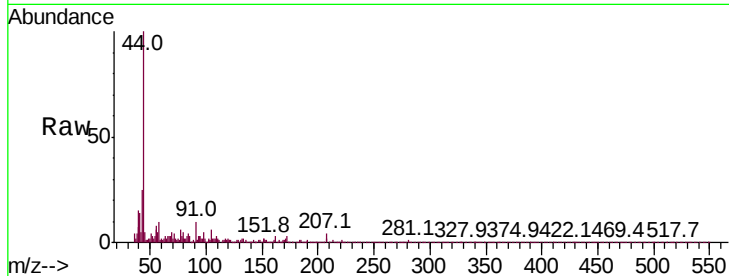
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 173

Ion	Ratio	Lower	Upper
162	100		
127	31.9	32.2	48.4#
164	5.4	26.9	40.3#



#48

2-Nitroaniline

Concen: 0.029 ng

RT: 9.40 min Scan# 1243

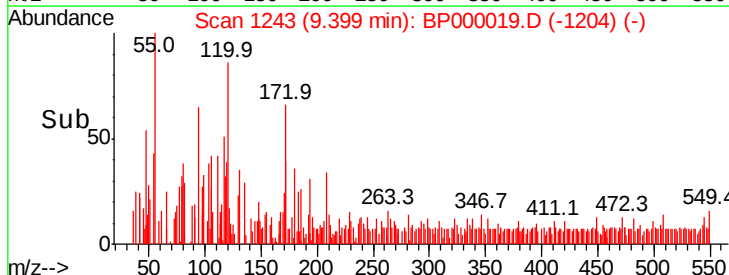
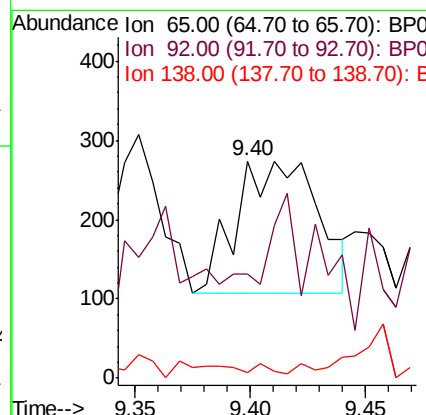
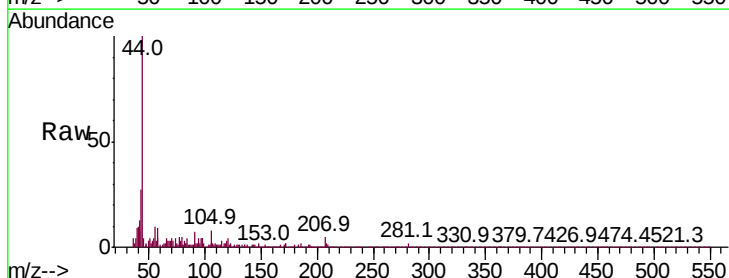
Delta R.T. -0.07 min

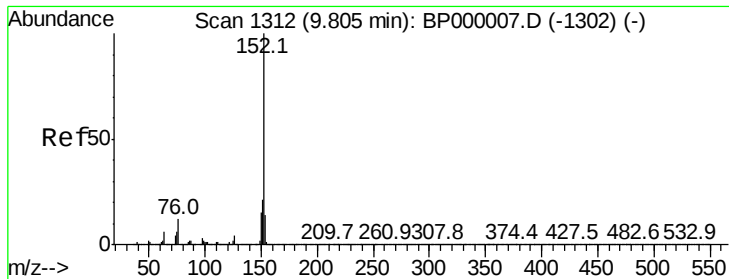
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion: 65 Resp: 413

Ion	Ratio	Lower	Upper
65	100		
92	47.8	60.3	90.5#
138	2.6	84.5	126.7#





#49

Acenaphthylene

Concen: 0.001 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.24 min

Lab File: BP000019.D

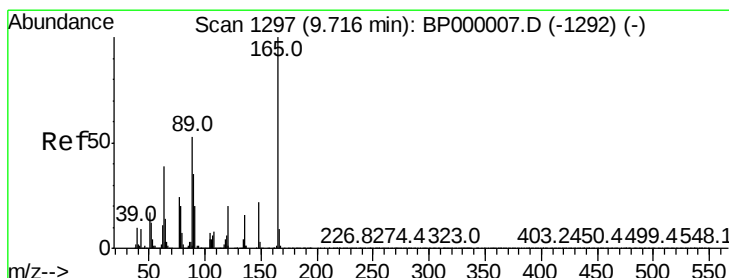
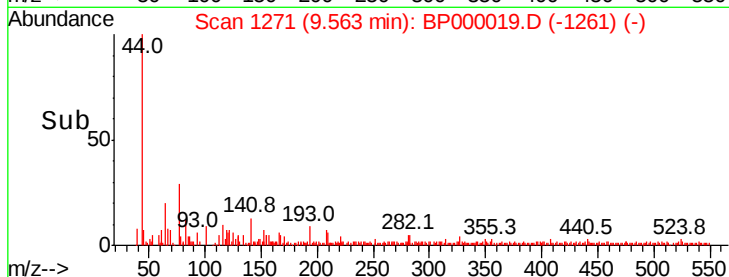
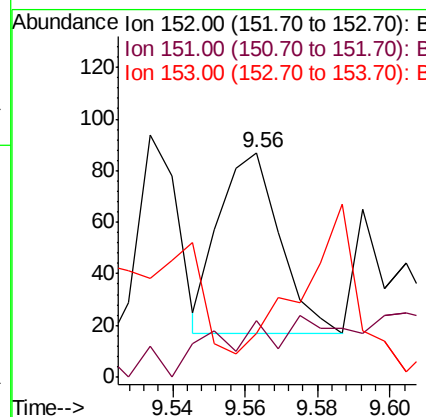
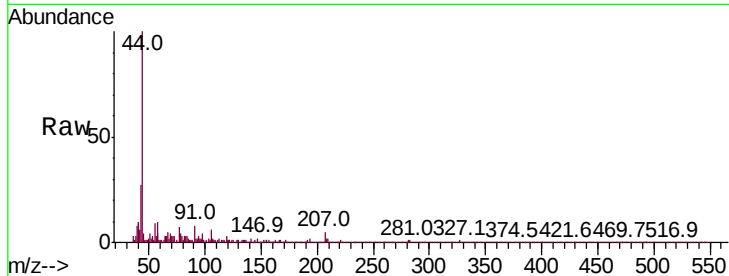
Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

Tot Ion:	152	Resp:	82
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	16.3	11.0	16.6



#51

2,6-Dinitrotoluene

Concen: 9.002 ng

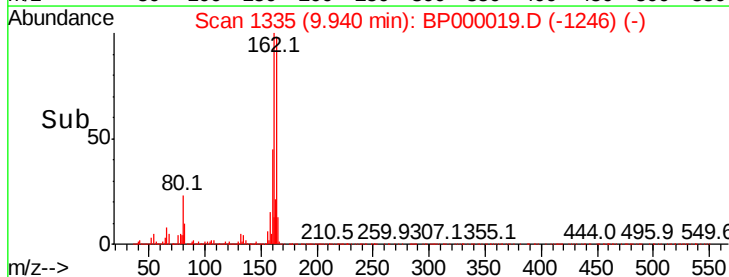
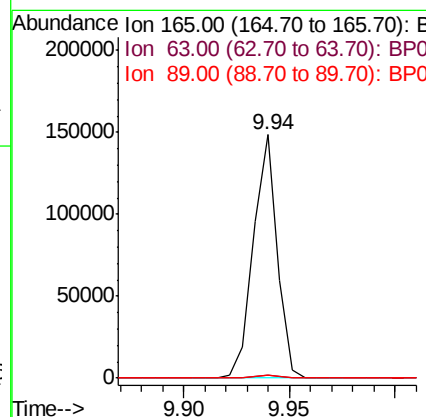
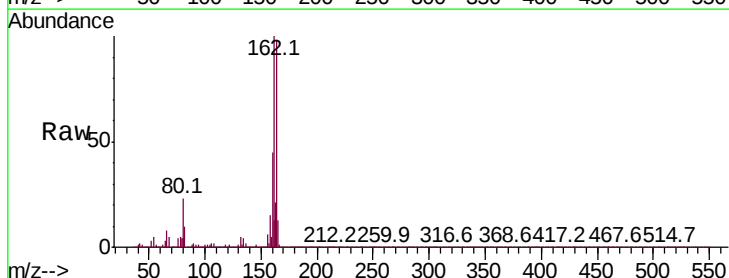
RT: 9.94 min Scan# 1335

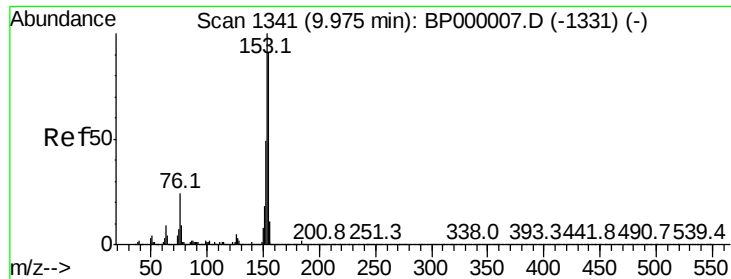
Delta R.T. 0.22 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:	165	Resp:	116590
Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.6#
89	1.4	42.2	63.4#





#52

Acenaphthene

Concen: 0.007 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BP000019.D

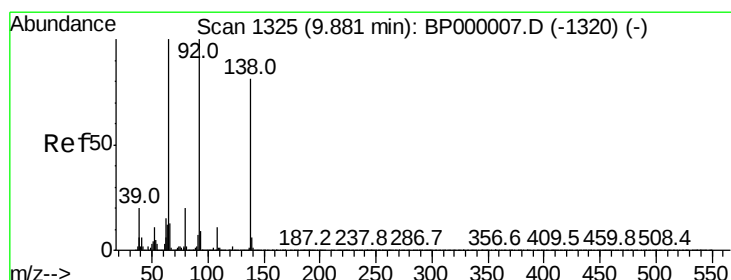
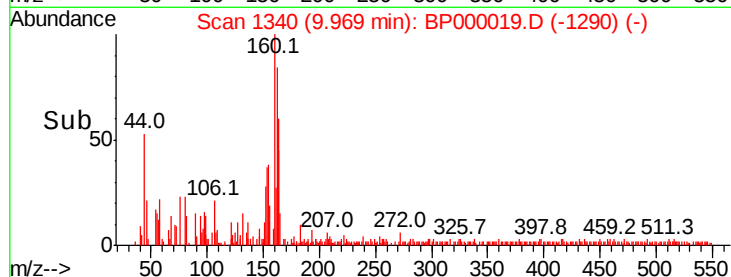
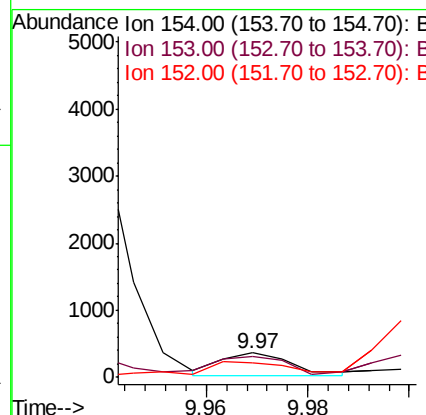
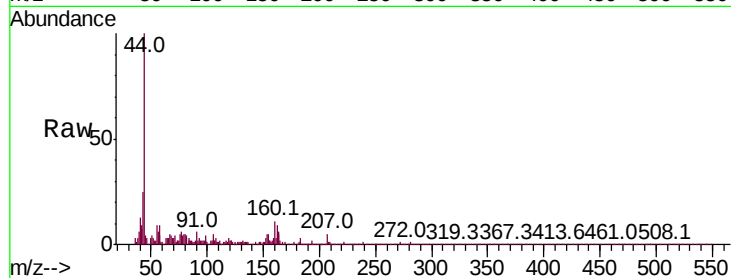
Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	154	Resp:	343
Ion	Ratio	Lower	Upper
154	100		
153	85.8	88.2	132.2#
152	56.4	42.9	64.3



#53

3-Nitroaniline

Concen: 0.009 ng

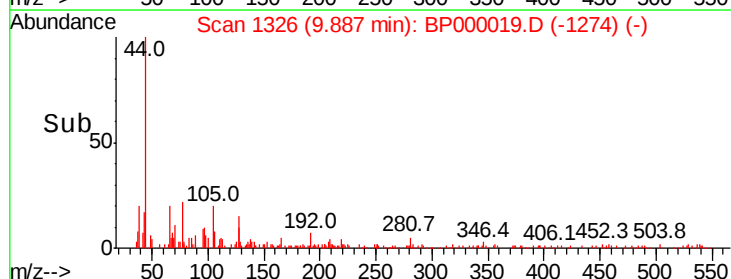
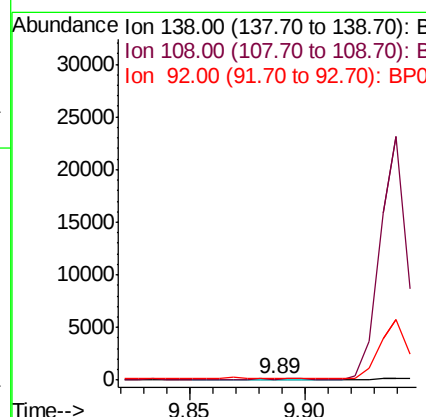
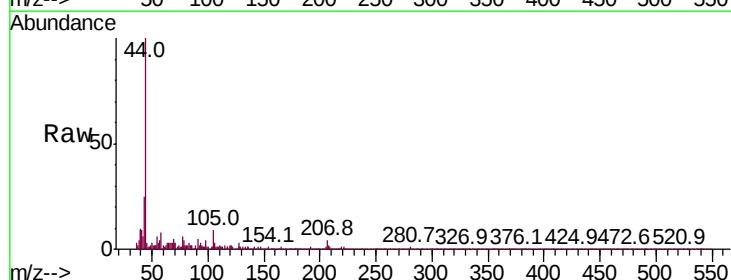
RT: 9.89 min Scan# 1326

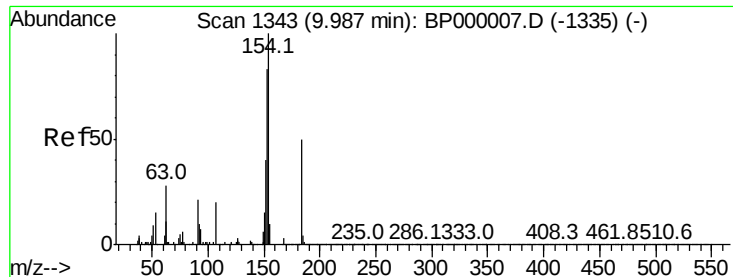
Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:	138	Resp:	136
Ion	Ratio	Lower	Upper
138	100		
108	74.4	11.0	16.4#
92	142.2	98.2	147.4





#54

2,4-Dinitrophenol

Concen: 8.665 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

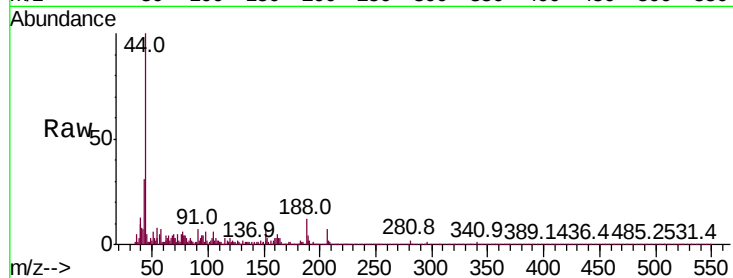
Tot Ion:184 Resp: 90

Ion Ratio Lower Upper

184 100

63 266.7 46.0 69.0#

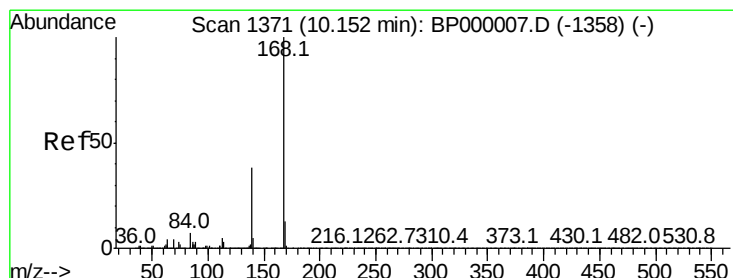
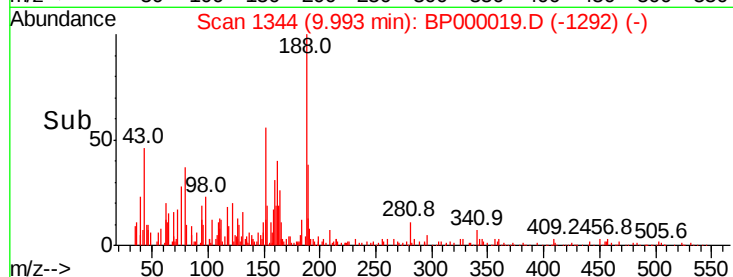
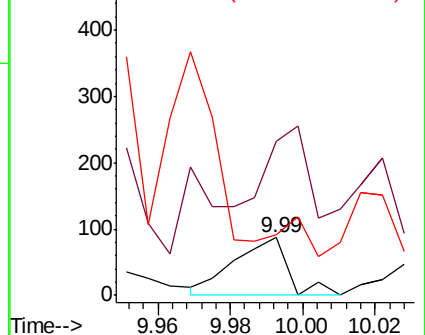
154 105.7 161.9 242.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 0.004 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

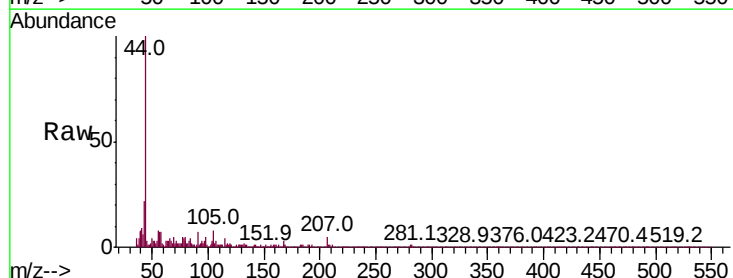
Tgt Ion:168 Resp: 285

Ion Ratio Lower Upper

168 100

139 7.3 30.2 45.2#

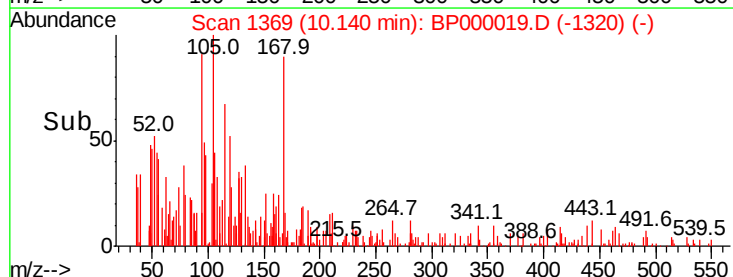
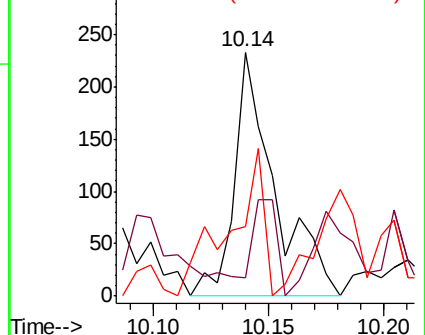
169 32.6 10.7 16.1#

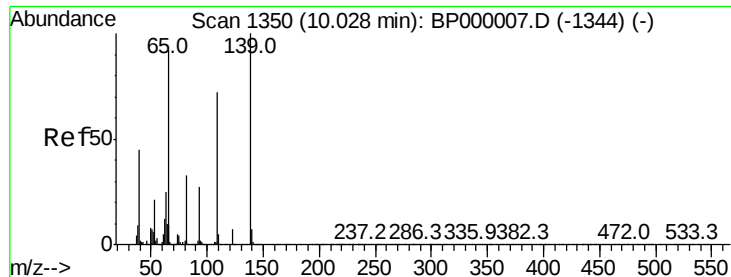


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

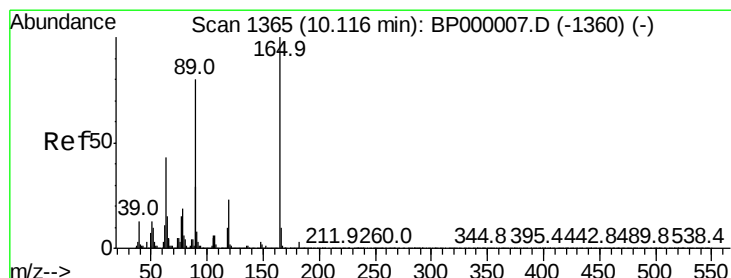
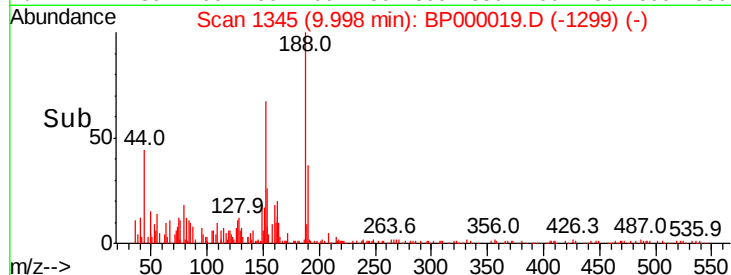
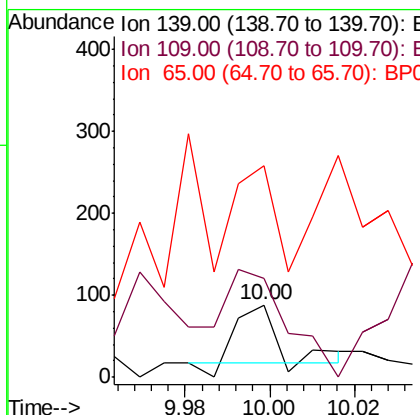
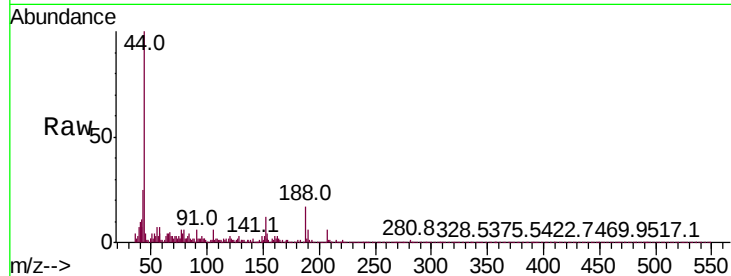




#56
4-Nitrophenol
Concen: 0.004 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

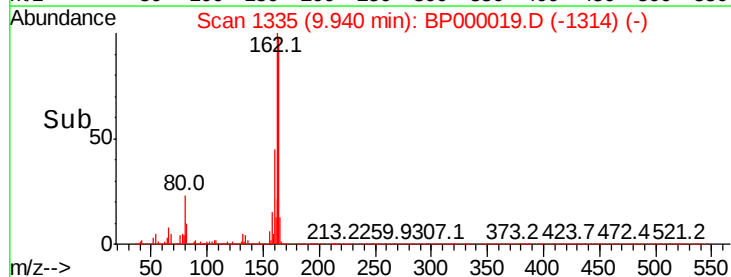
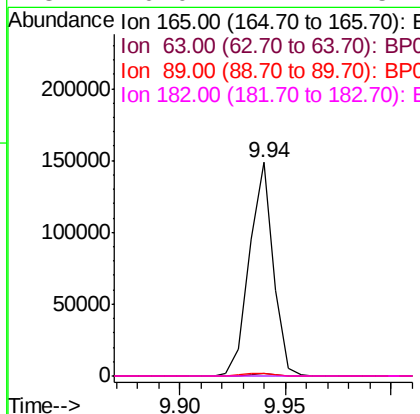
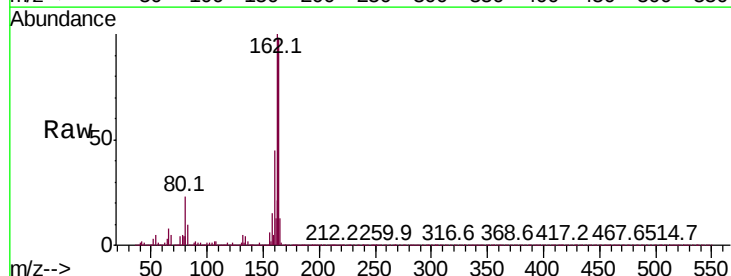
Instrument :
BNA_P
ClientSampleId :

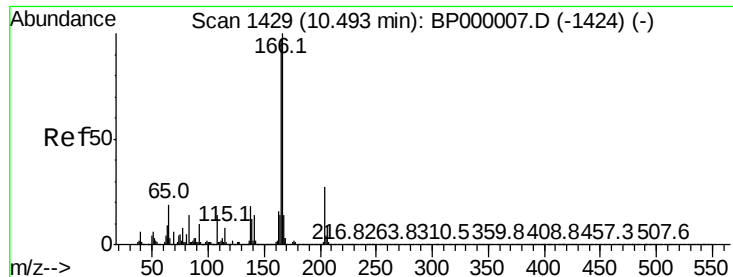
Tot Ion:139 Resp: 46
Ion Ratio Lower Upper
139 100
109 136.4 52.4 92.4#
65 294.3 72.2 112.2#



#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:165 Resp: 116590
Ion Ratio Lower Upper
165 100
63 1.1 34.4 51.6#
89 1.4 64.3 96.5#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 1.174 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.24 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

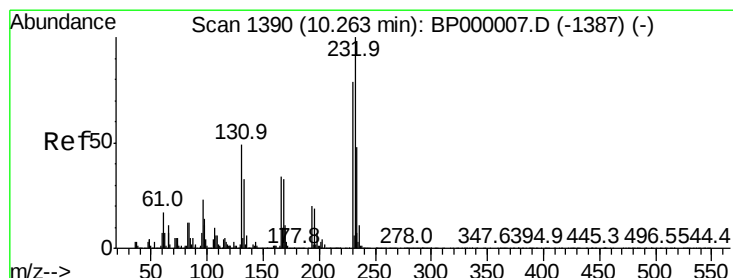
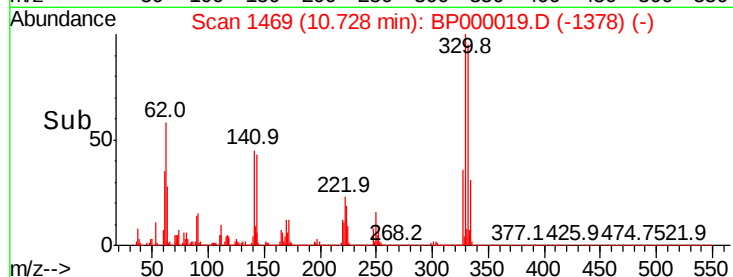
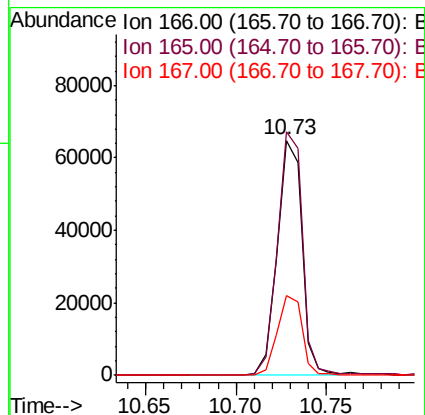
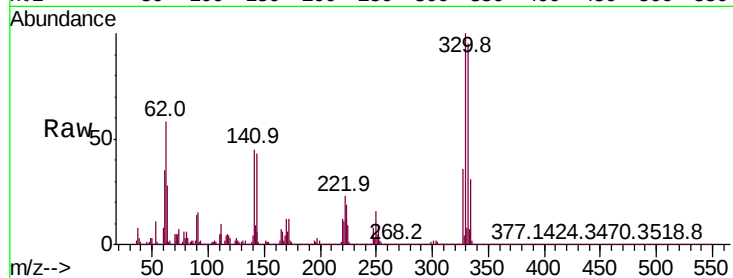
Tot Ion:166 Resp: 61292

Ion Ratio Lower Upper

166 100

165 103.7 77.3 115.9

167 34.0 11.0 16.6#



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.002 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:232 Resp: 32

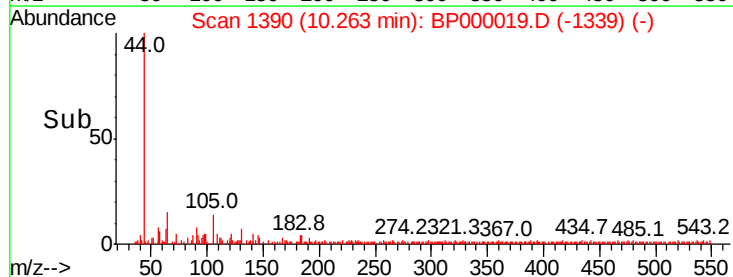
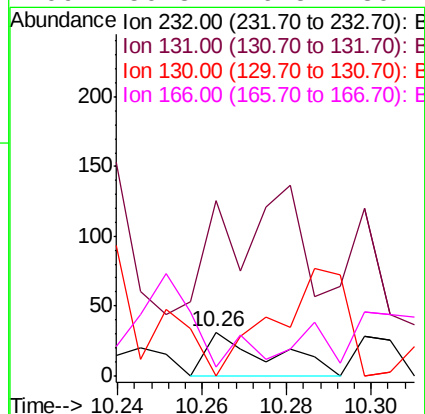
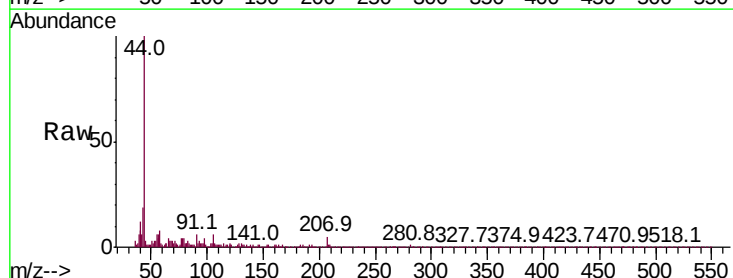
Ion Ratio Lower Upper

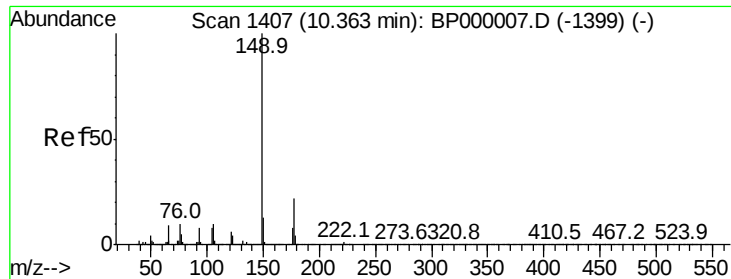
232 100

131 0.0 39.3 58.9#

130 0.0 2.1 3.1#

166 256.3 26.5 39.7#

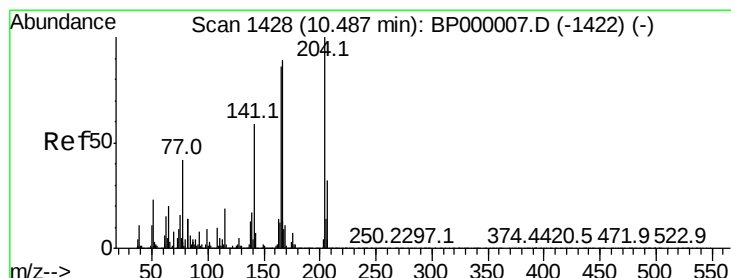
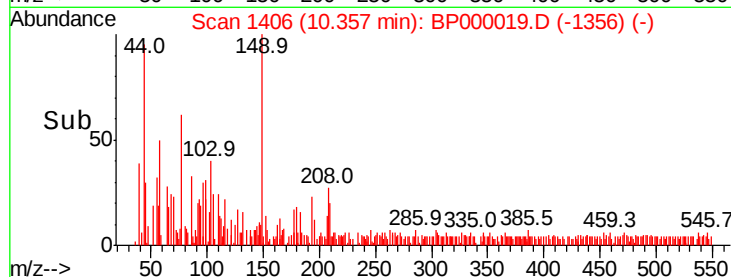
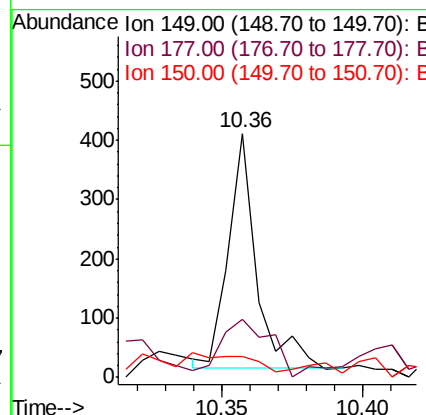
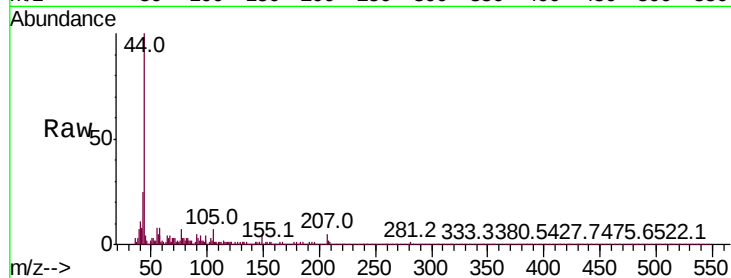




#60
Diethylphthalate
Concen: 0.004 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

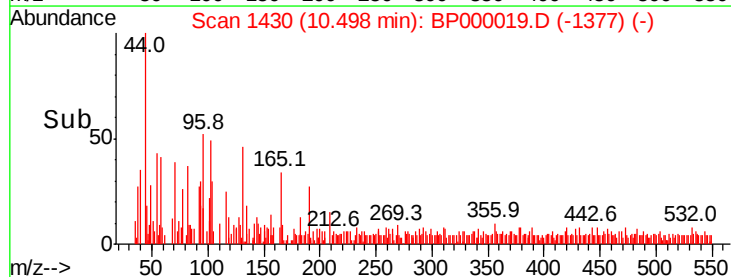
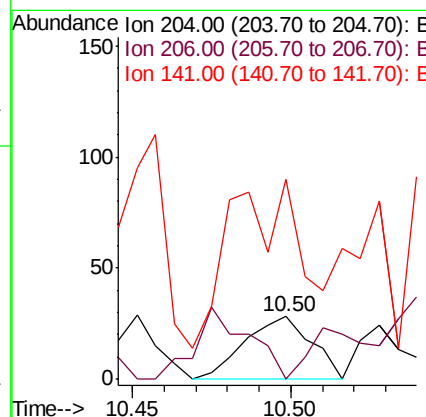
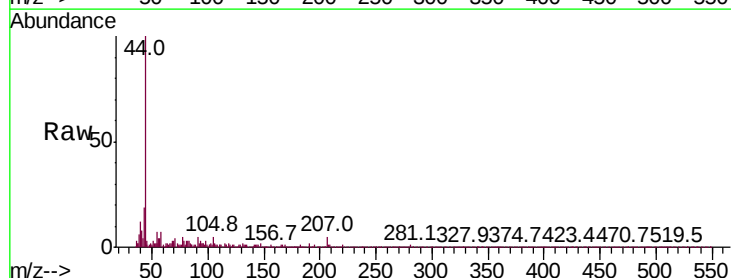
Instrument :
BNA_P
ClientSampled :

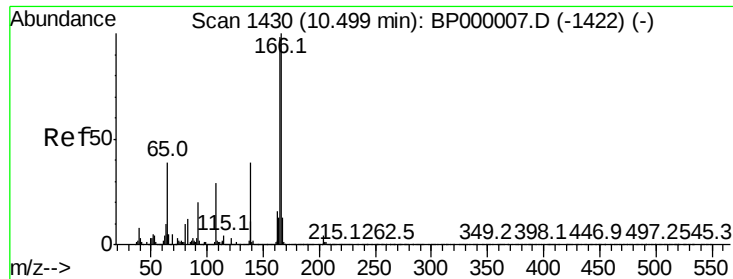
Tot Ion:149 Resp: 272
Ion Ratio Lower Upper
149 100
177 24.1 17.3 25.9
150 8.5 10.3 15.5#



#61
4-Chlorophenyl-phenylether
Concen: 0.002 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:204 Resp: 41
Ion Ratio Lower Upper
204 100
206 0.0 26.0 39.0#
141 191.5 47.6 71.4#

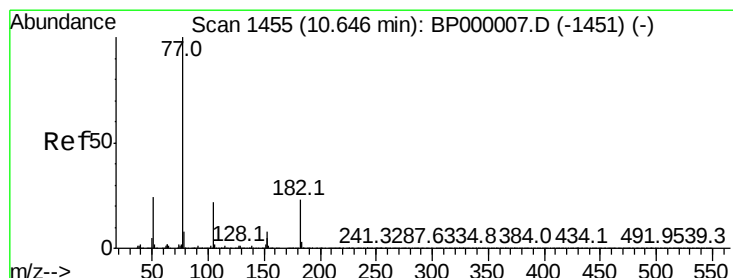
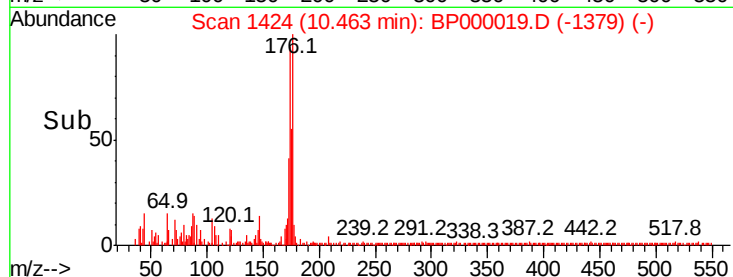
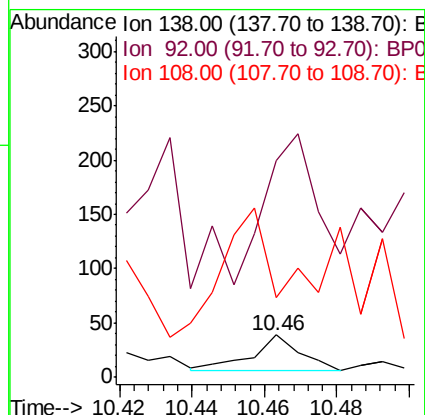
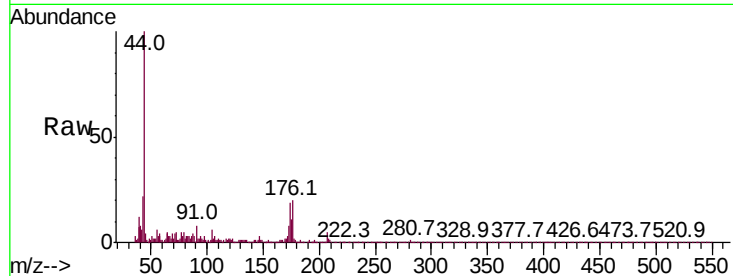




#62
4-Nitroaniline
Concen: 0.002 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

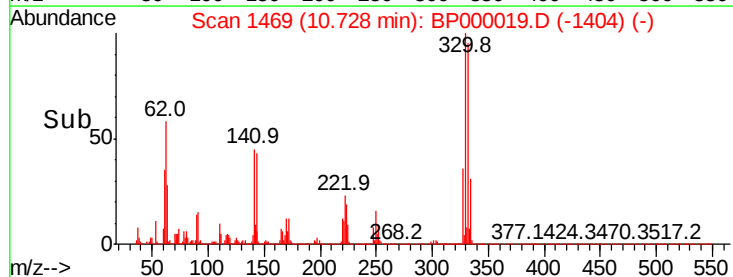
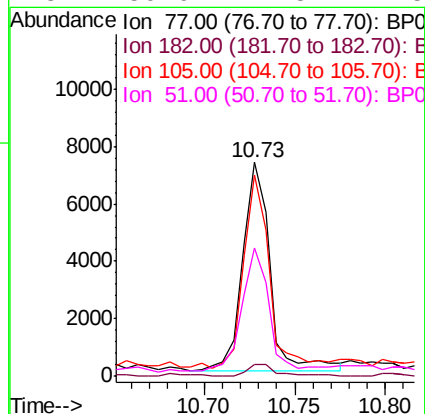
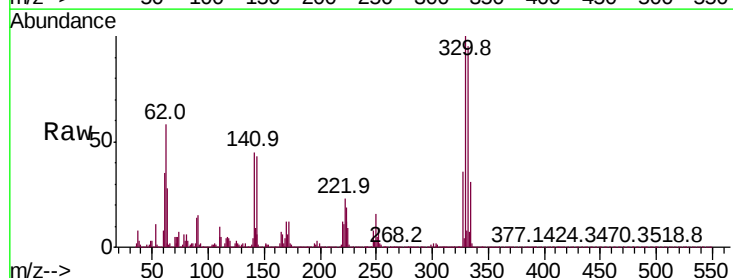
Instrument :
BNA_P
ClientSampled :

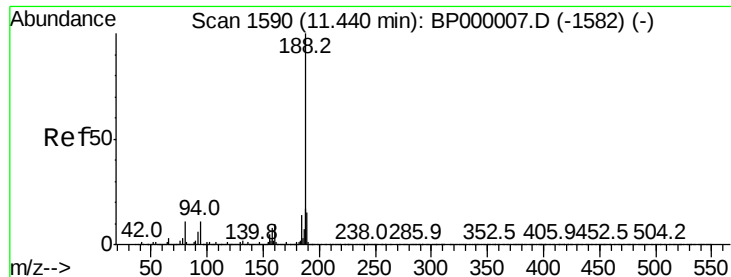
Tot Ion:138 Resp: 31
Ion Ratio Lower Upper
138 100
92 510.3 32.8 72.8#
108 187.2 55.7 95.7#



#63
Azobenzene
Concen: 0.132 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.08 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion: 77 Resp: 7731
Ion Ratio Lower Upper
77 100
182 5.1 2.6 42.6
105 94.2 2.3 42.3#
51 59.9 4.5 44.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

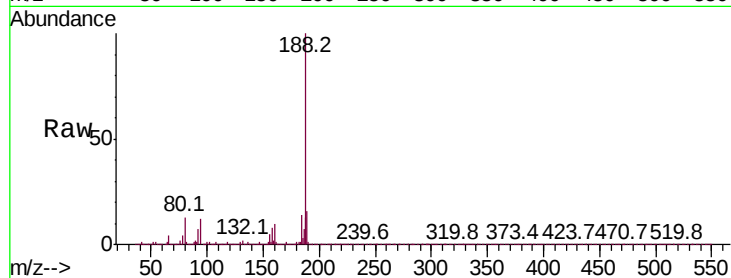
Tot Ion:188 Resp: 1633953

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.8	13.2
80	12.8	9.0	13.6

188 100

94 12.4 8.8 13.2

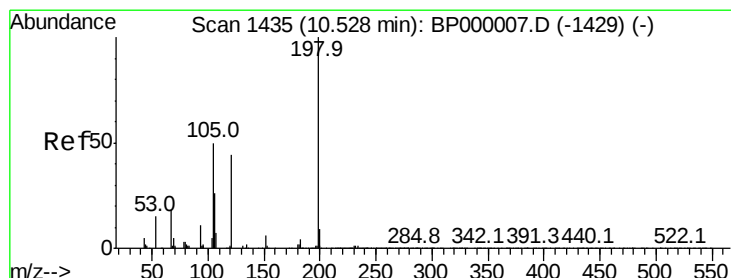
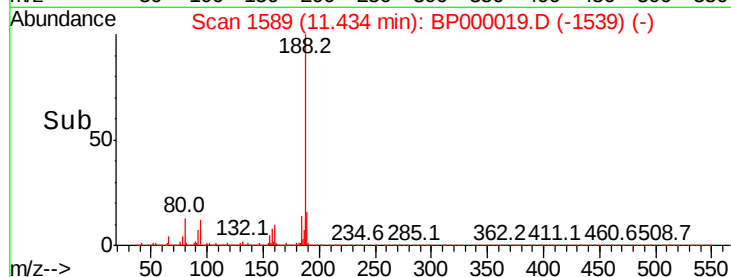
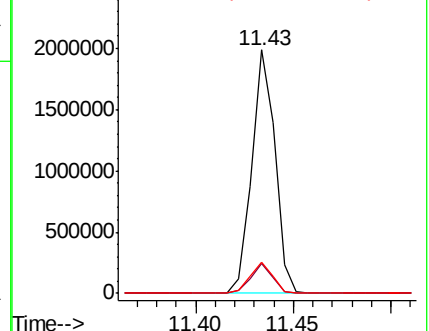
80 12.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.176 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

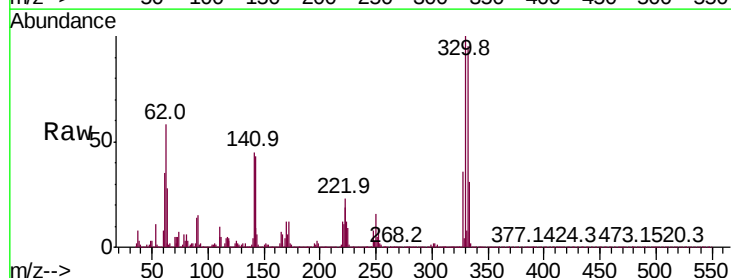
Tgt Ion:198 Resp: 3384

Ion	Ratio	Lower	Upper
198	100		
51	122.2	22.1	62.1#
105	192.2	32.0	72.0#

198 100

51 122.2 22.1 62.1#

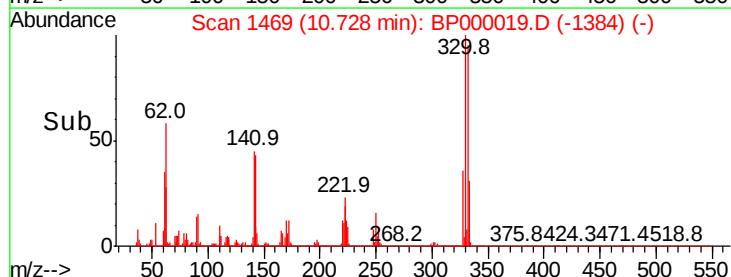
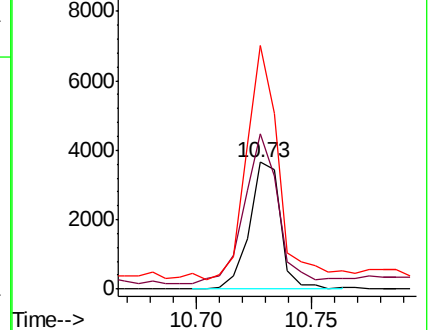
105 192.2 32.0 72.0#

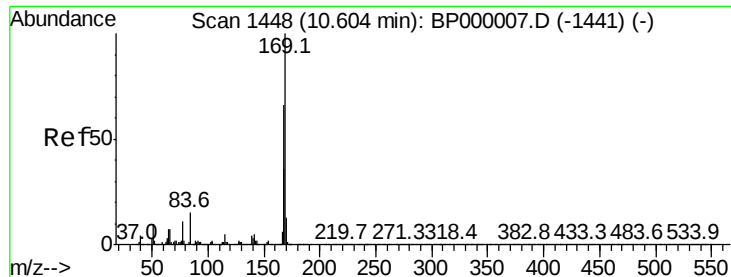


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

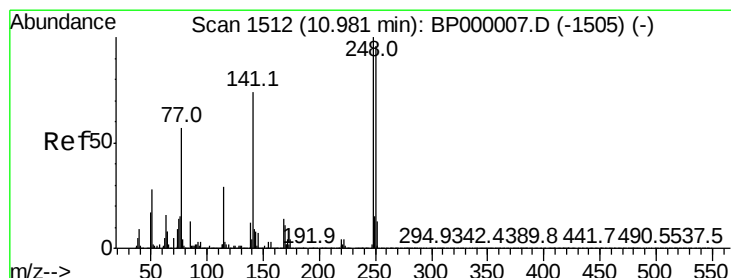
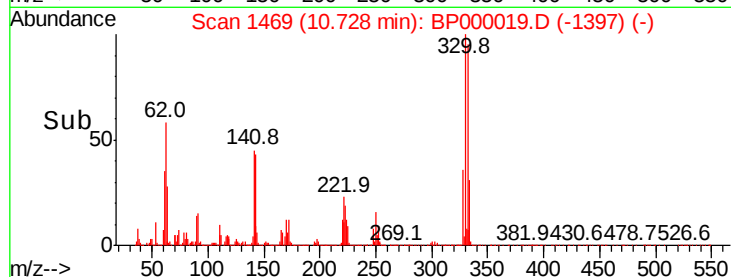
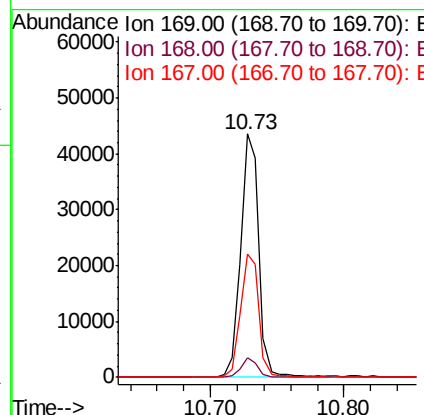
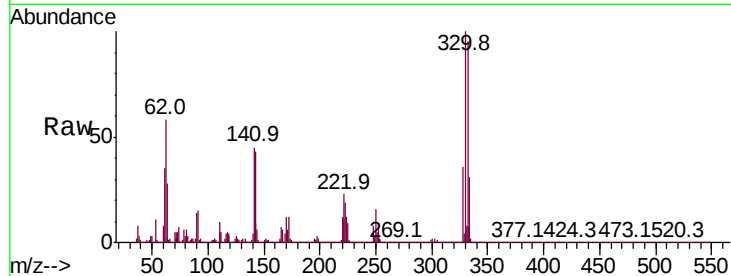




#66
 n-Nitrosodiphenylamine
 Concen: 0.854 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.12 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

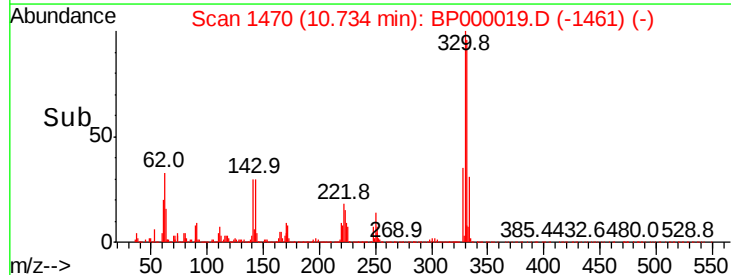
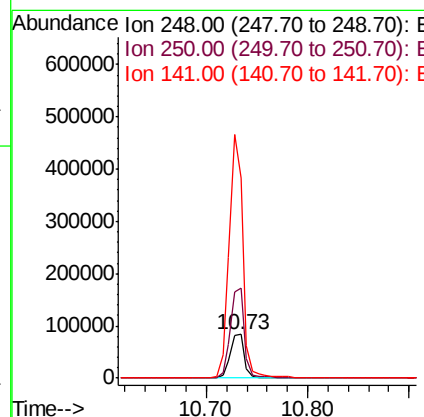
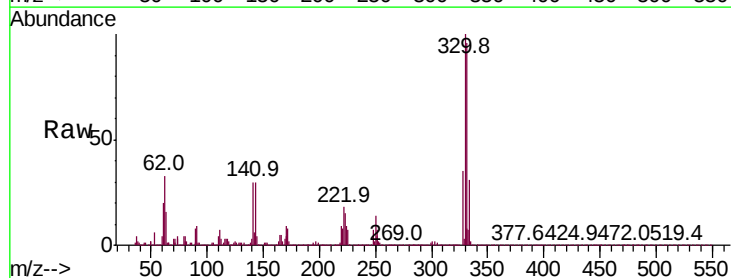
Instrument :
 BNA_P
 ClientSampled :

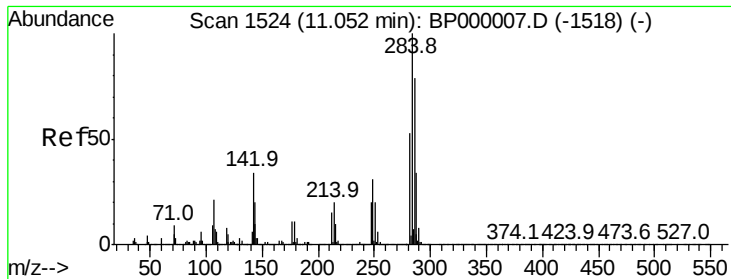
Tot Ion:169 Resp: 41478
 Ion Ratio Lower Upper
 169 100
 168 7.9 52.9 79.3#
 167 50.6 29.2 43.8#



#67
 4-Bromophenyl-phenylether
 Concen: 4.898 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.25 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

Tgt Ion:248 Resp: 81341
 Ion Ratio Lower Upper
 248 100
 250 205.6 77.1 115.7#
 141 458.5 59.5 89.3#





#68

Hexachlorobenzene

Concen: 0.004 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BP000019.D

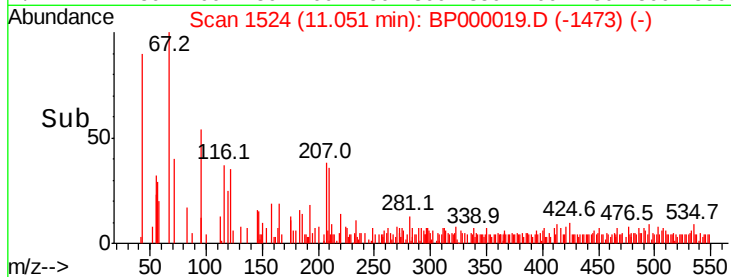
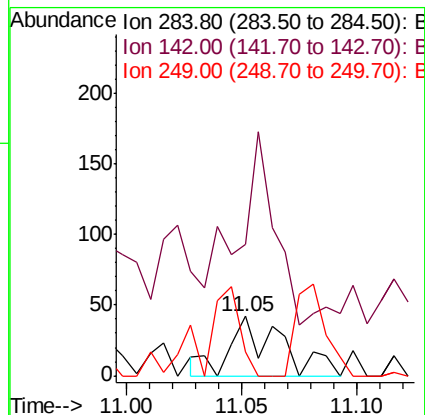
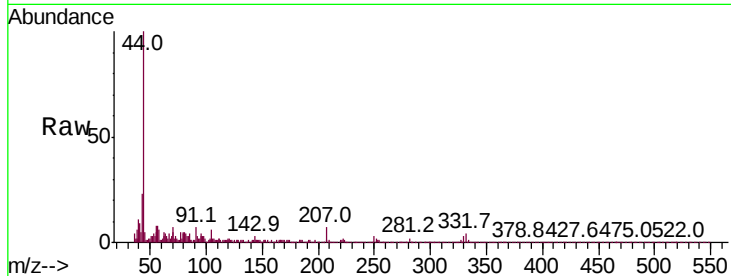
Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

Tot Ion:	284	Resp:	65
Ion	Ratio	Lower	Upper
284	100		
142	221.4	27.0	40.4#
249	40.5	24.9	37.3#



#69

Atrazine

Concen: Below Cal

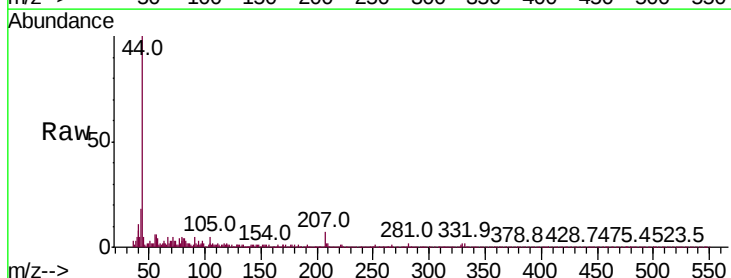
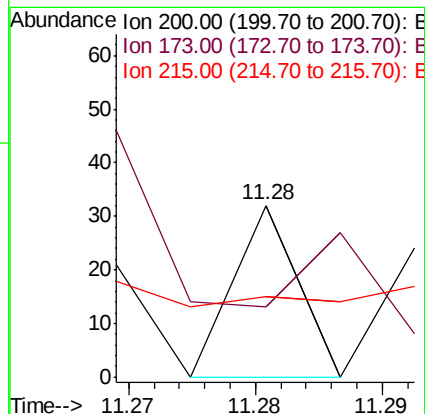
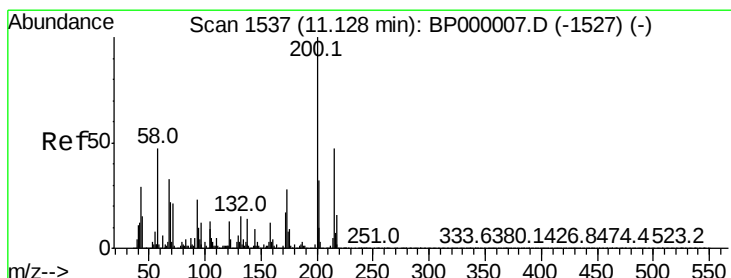
RT: 11.28 min Scan# 1563

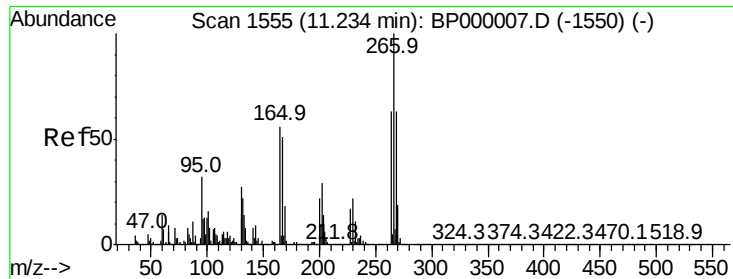
Delta R.T. 0.15 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:	200	Resp:	11
Ion	Ratio	Lower	Upper
200	100		
173	40.6	8.1	48.1
215	46.9	26.7	66.7

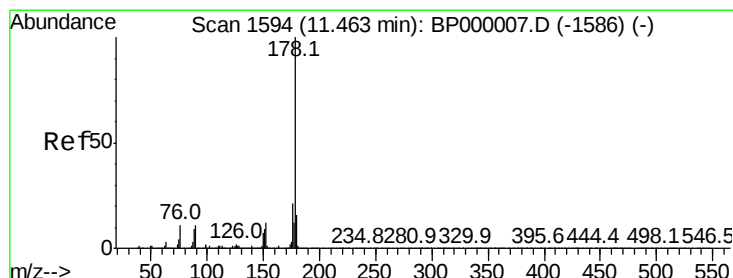
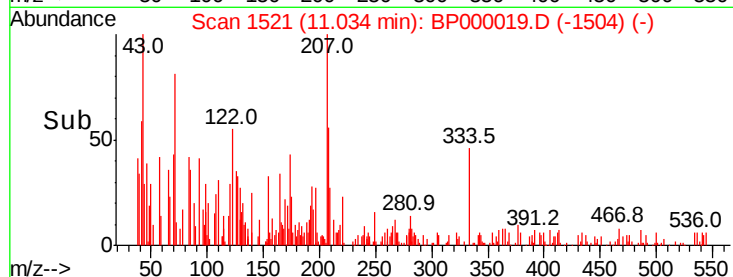
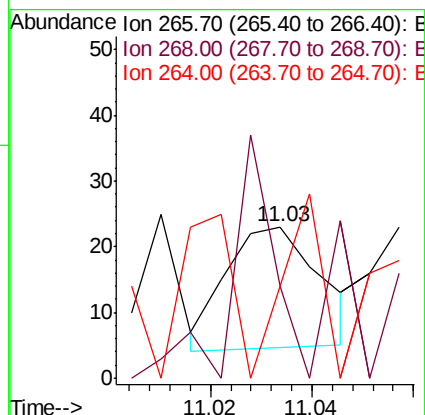
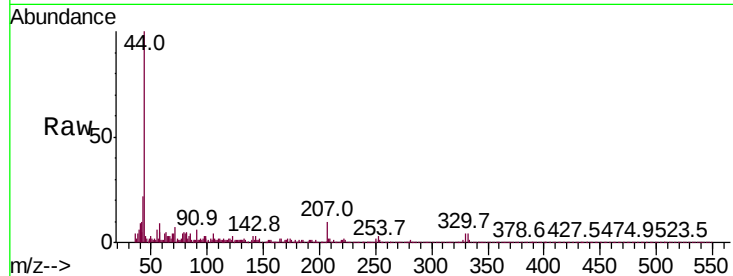




#70
 Pentachlorophenol
 Concen: 0.002 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.20 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

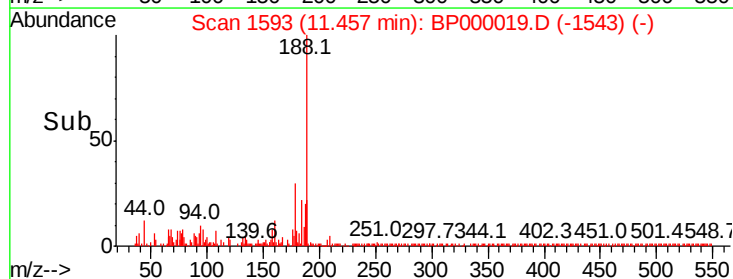
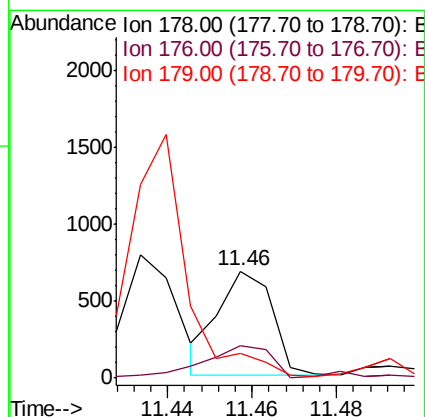
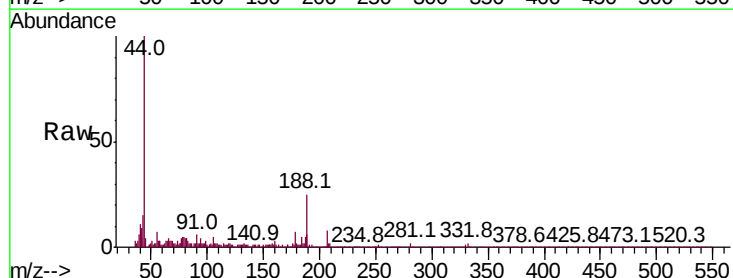
Instrument :
 BNA_P
 ClientSampled :

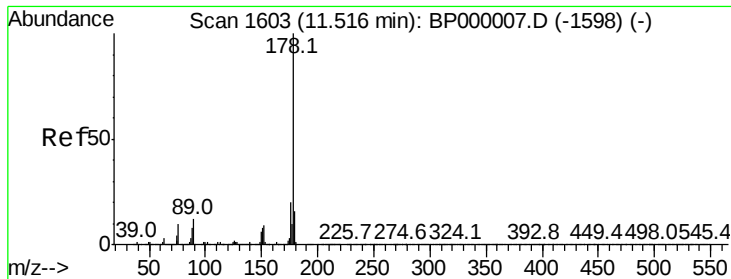
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	50.1	75.1
264	60.9	50.6	76.0



#71
 Phenanthrene
 Concen: 0.007 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	30.0	16.7	25.1#
179	23.2	13.1	19.7#





#72

Anthracene

Concen: 0.003 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

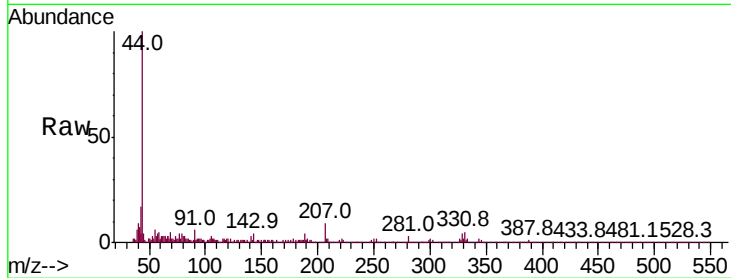
Tot Ion:178 Resp: 209

Ion Ratio Lower Upper

178 100

176 29.2 15.9 23.9#

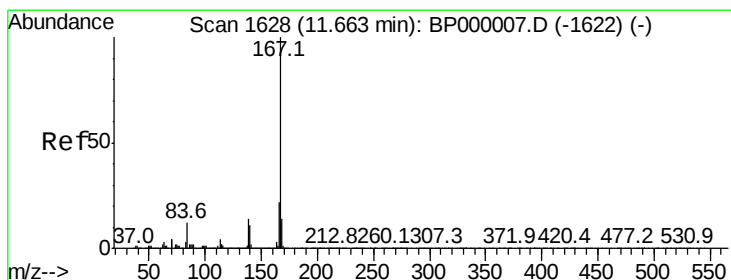
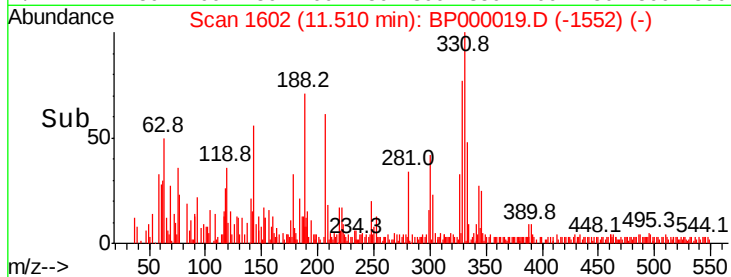
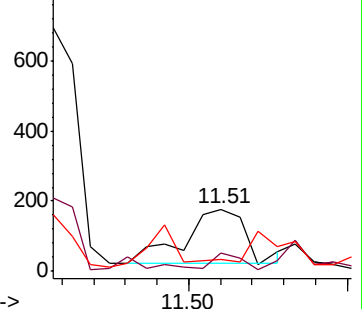
179 19.7 13.0 19.6#



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: 0.001 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.12 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

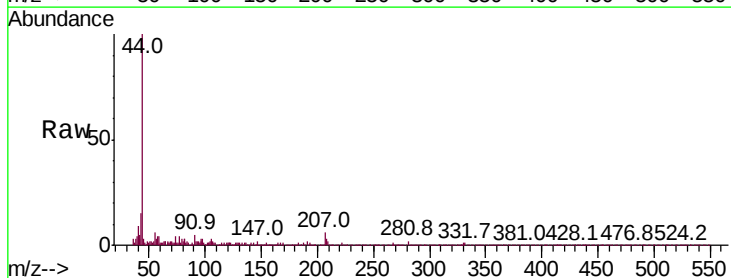
Tgt Ion:167 Resp: 78

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

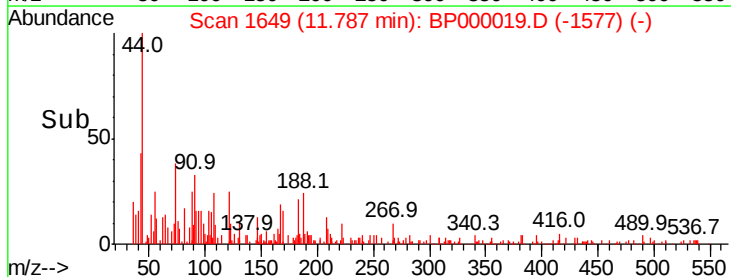
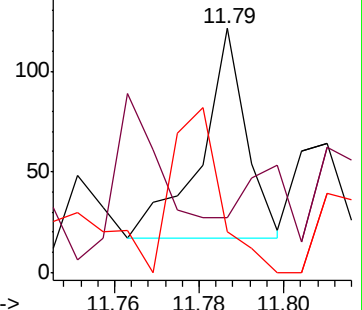
139 16.5 11.4 17.2

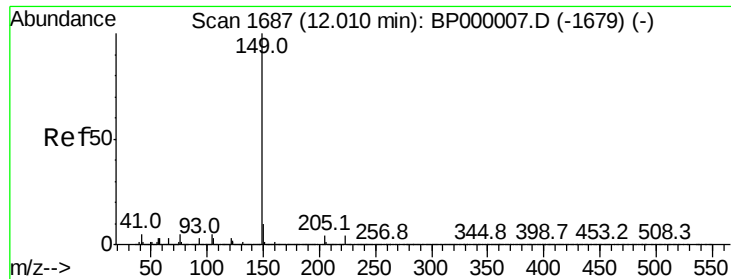


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.006 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BP000019.D

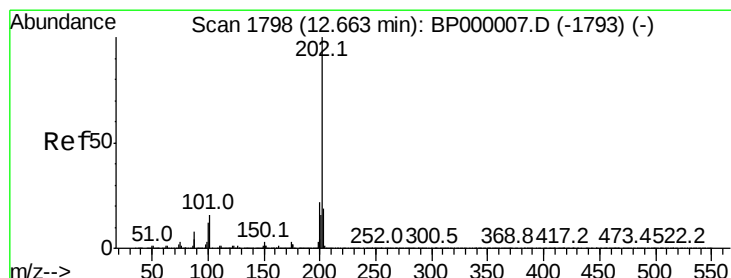
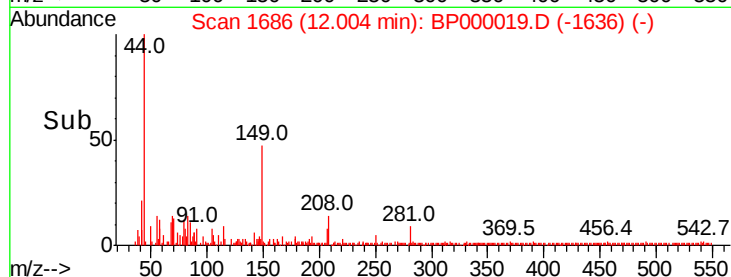
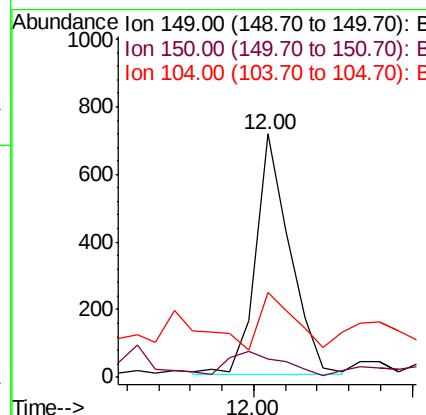
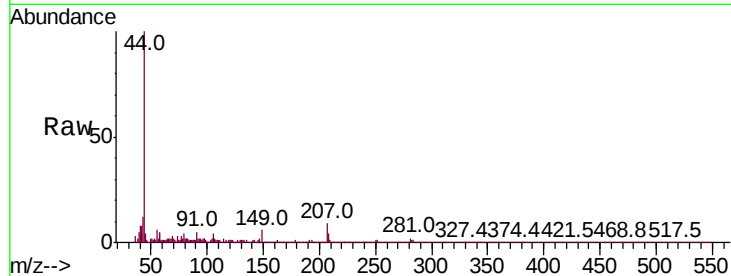
Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampled :

Tot Ion:	149	Resp:	532
Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	34.9	4.4	6.6#



#75

Fluoranthene

Concen: 0.001 ng

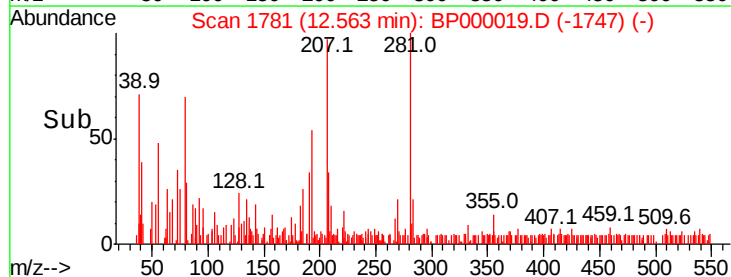
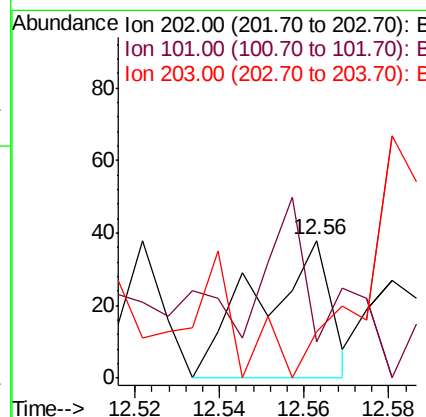
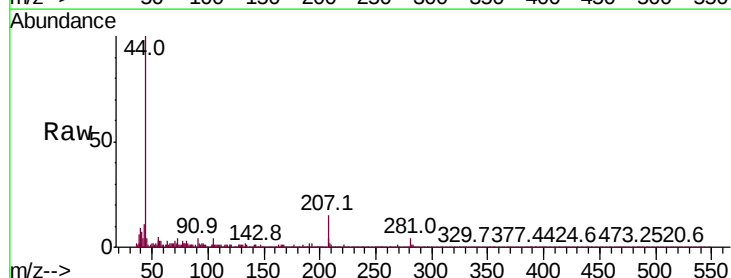
RT: 12.56 min Scan# 1781

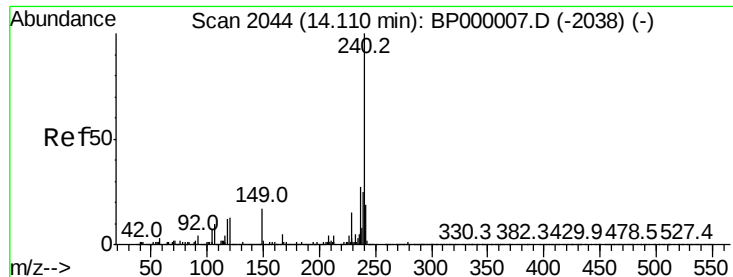
Delta R.T. -0.10 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:	202	Resp:	46
Ion	Ratio	Lower	Upper
202	100		
101	26.3	0.0	36.4
203	34.2	0.0	38.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

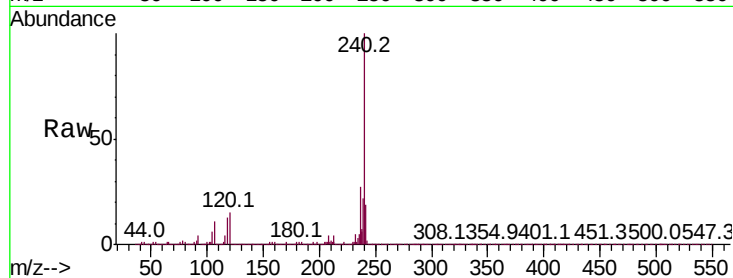
Tot Ion:240 Resp: 1300718

Ion Ratio Lower Upper

240 100

120 14.8 10.5 15.7

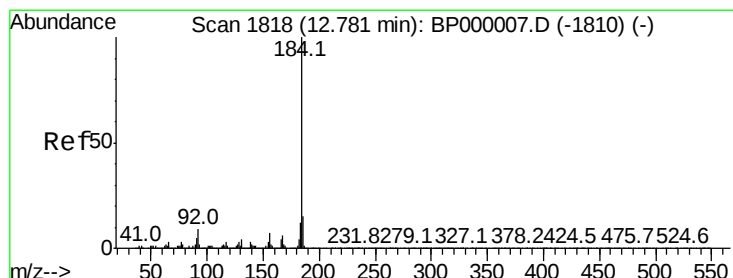
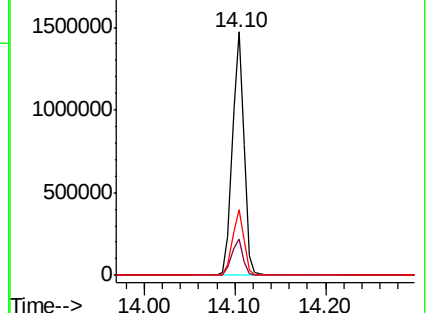
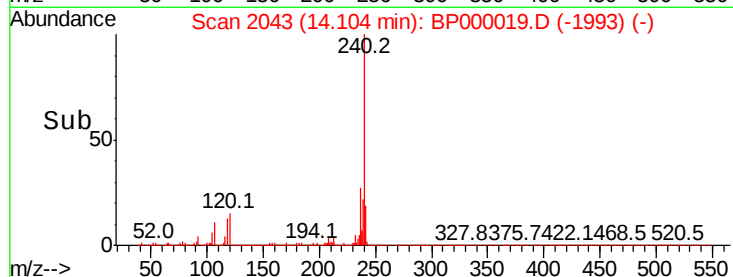
236 27.0 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.036 ng

RT: 13.05 min Scan# 1863

Delta R.T. 0.26 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

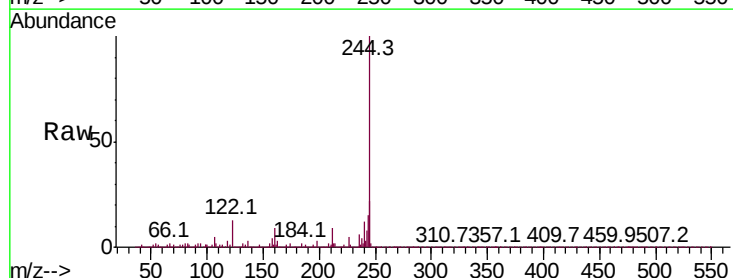
Tgt Ion:184 Resp: 91354

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

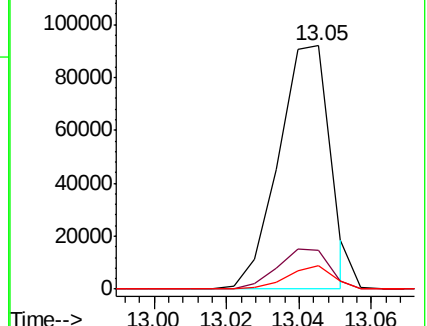
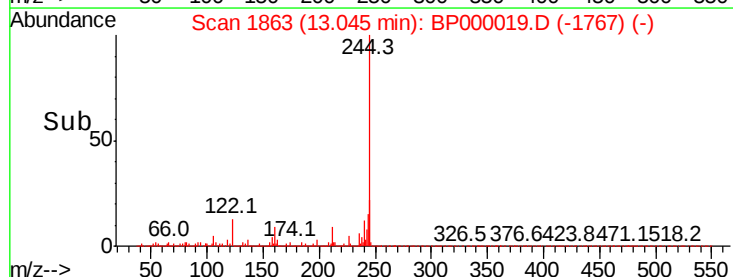
183 9.6 9.4 14.0

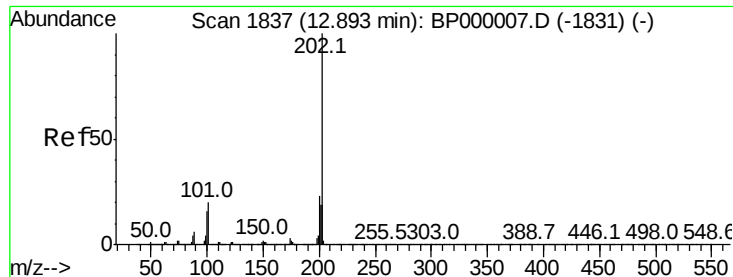


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

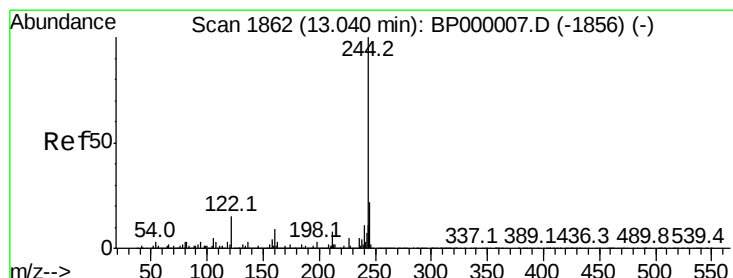
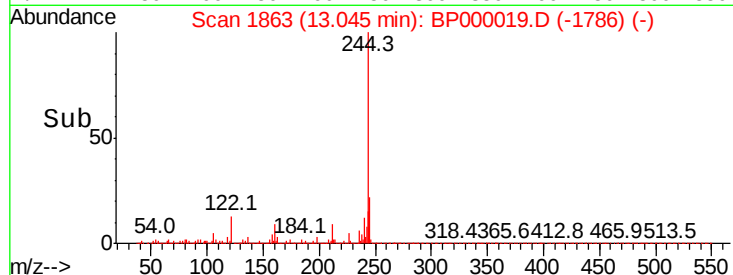
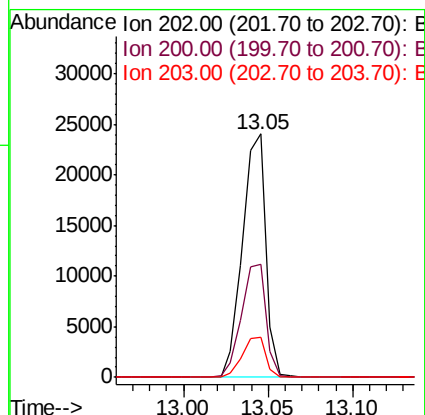
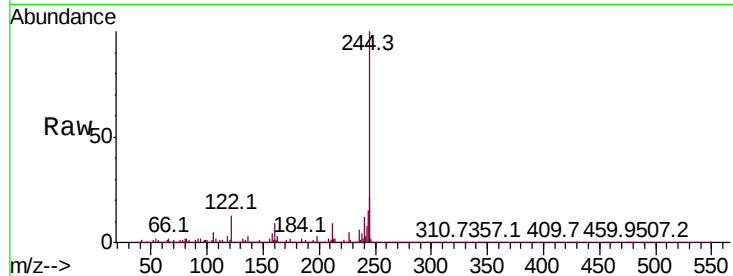




#78
Pvrene
Concen: 0.243 ng
RT: 13.05 min Scan# 1863
Delta R.T. 0.15 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

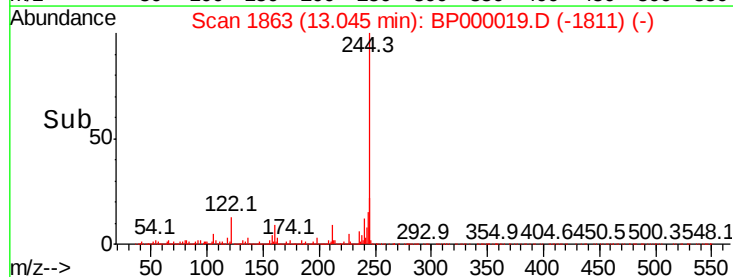
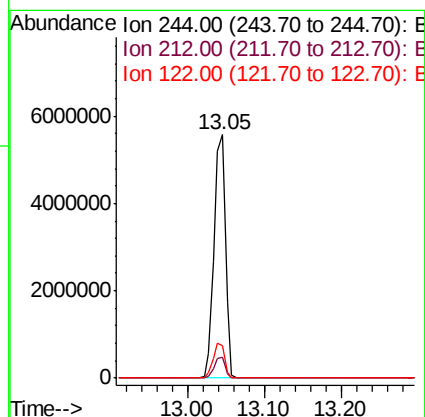
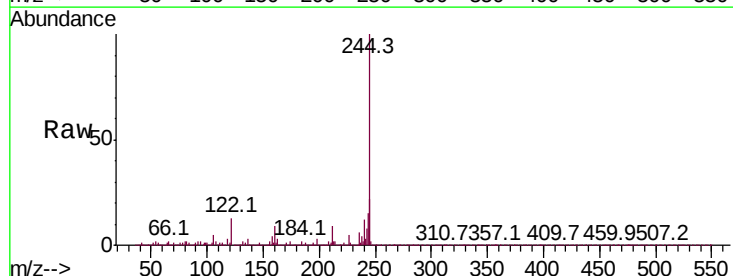
Instrument :
BNA_P
ClientSampleId :

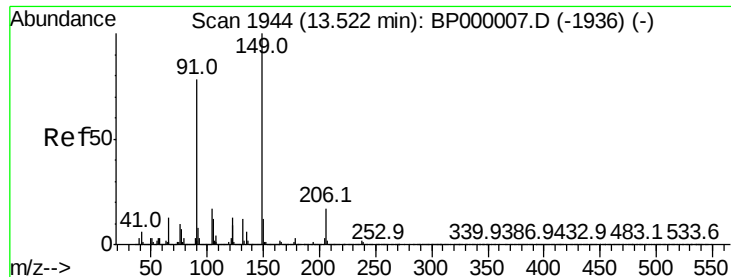
Tot Ion:202 Resp: 23256
Ion Ratio Lower Upper
202 100
200 46.5 18.5 27.7#
203 16.3 15.1 22.7



#79
Terphenyl-d14
Concen: 94.271 ng
RT: 13.05 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:244 Resp: 5625764
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 13.4 12.3 18.5

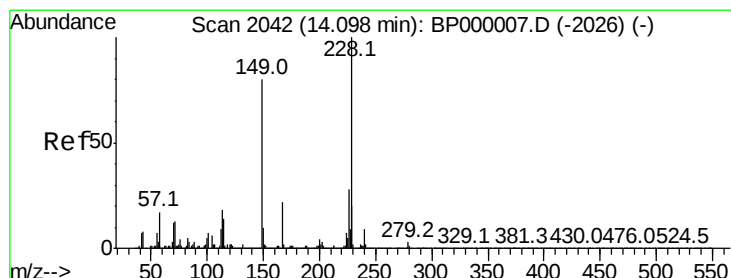
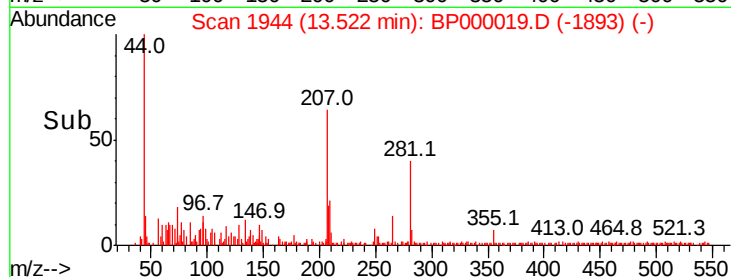
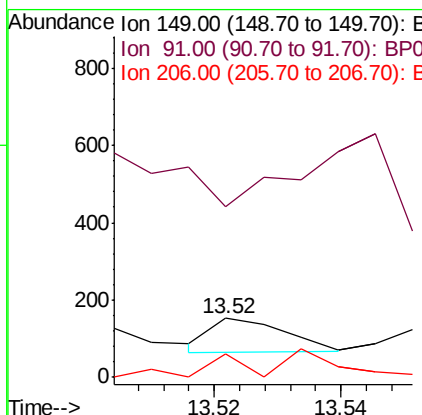
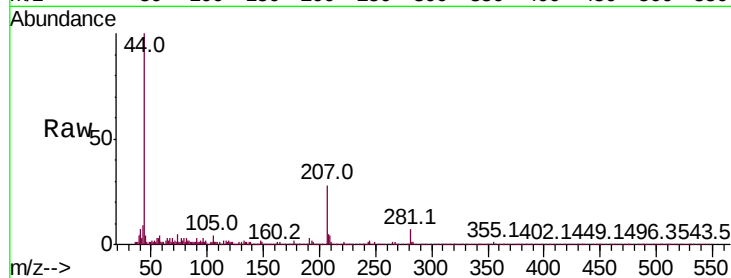




#80
Butylbenzylphthalate
Concen: 0.002 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

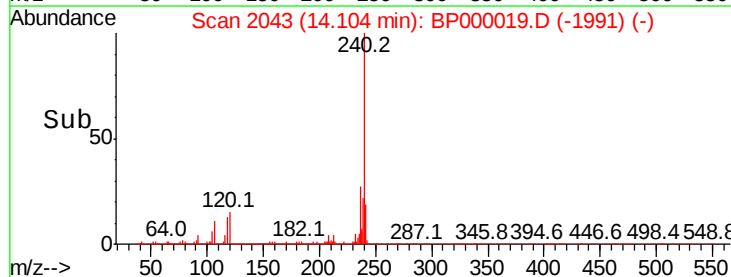
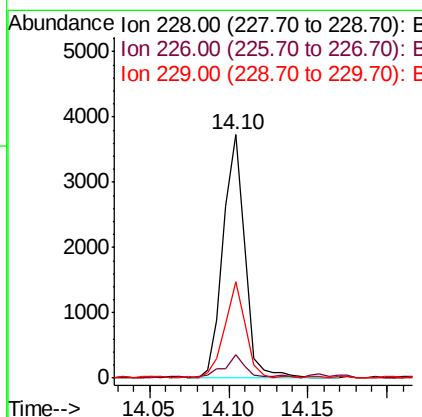
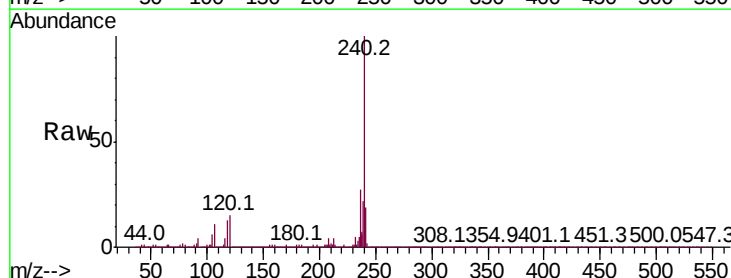
Instrument :
BNA_P
ClientSampleId :

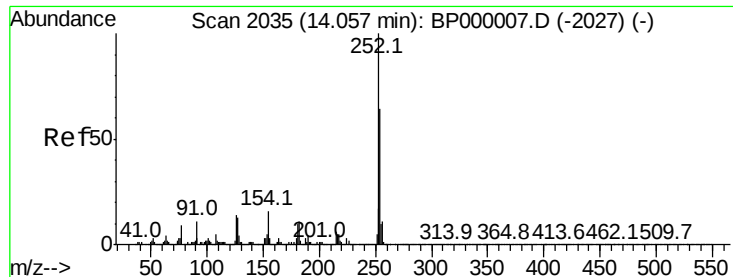
Tot Ion:149 Resp: 71
Ion Ratio Lower Upper
149 100
91 289.5 62.7 94.1#
206 39.5 13.8 20.6#



#81
Benzo(a)anthracene
Concen: 0.042 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion:228 Resp: 3539
Ion Ratio Lower Upper
228 100
226 9.9 22.5 33.7#
229 39.6 16.2 24.2#





#82

3,3'-Dichlorobenzidine

Concen: 0.003 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

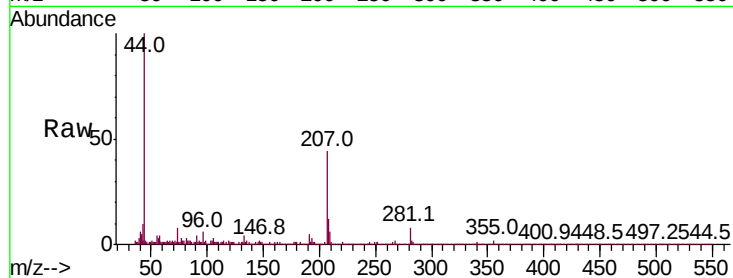
Tot Ion:252 Resp: 104

Ion Ratio Lower Upper

252 100

254 59.8 51.4 77.0

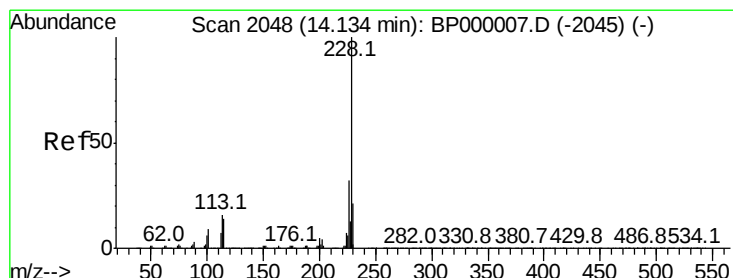
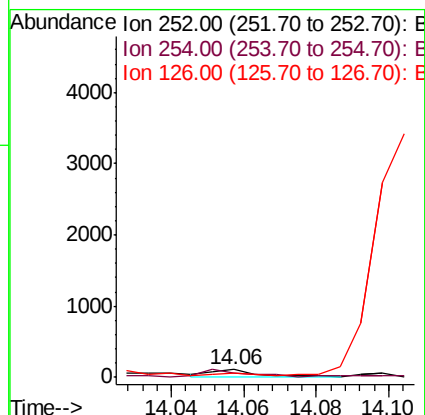
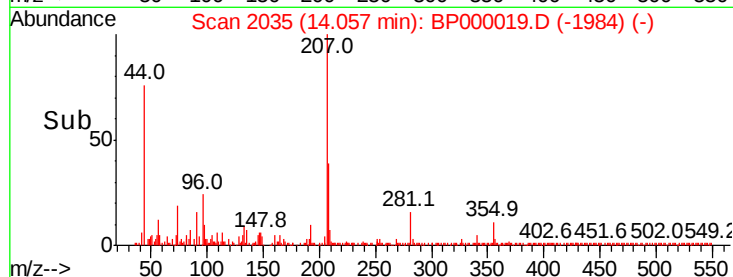
126 59.8 11.1 16.7#



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: 0.044 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

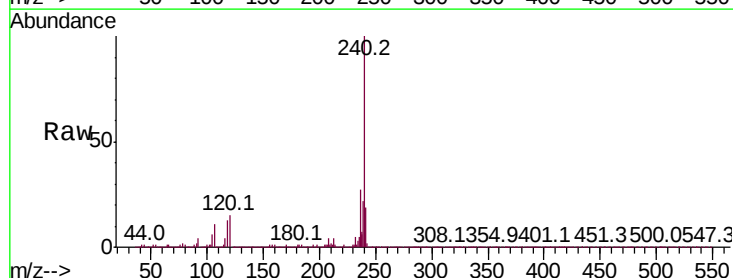
Tgt Ion:228 Resp: 3539

Ion Ratio Lower Upper

228 100

226 9.9 25.5 38.3#

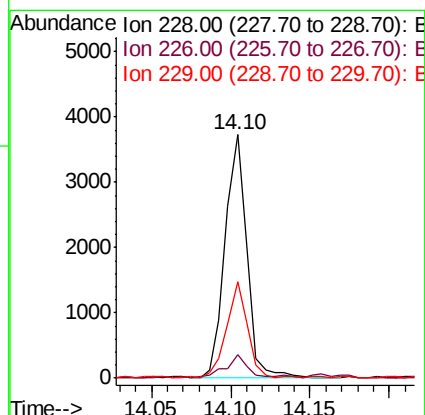
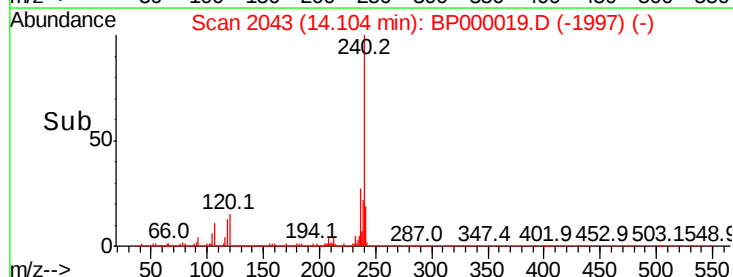
229 39.6 16.5 24.7#

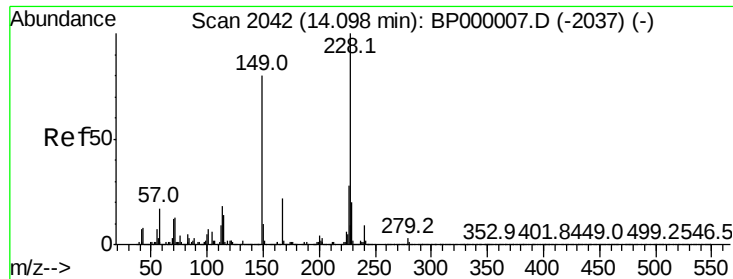


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

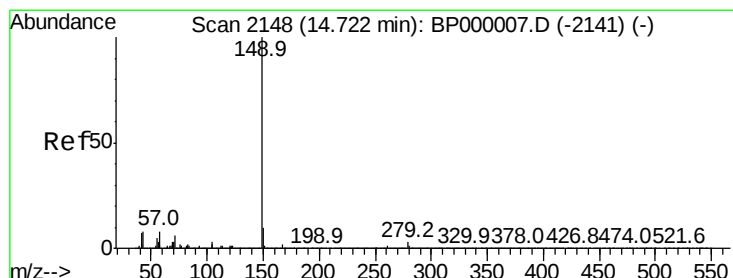
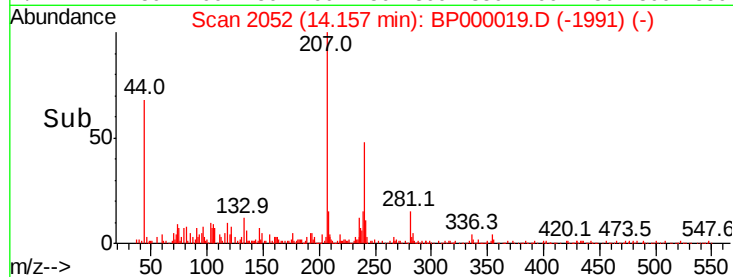
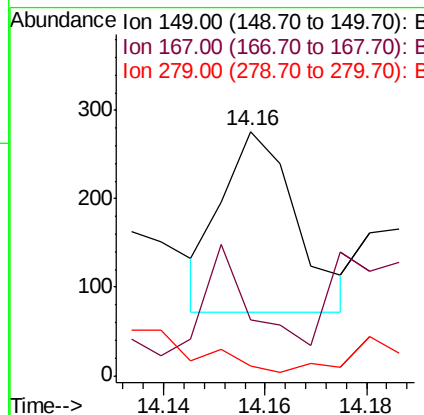
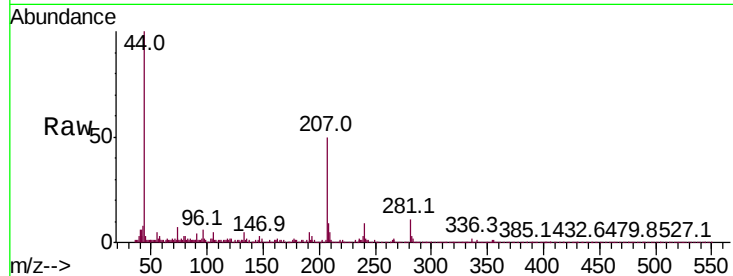




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.004 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.06 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

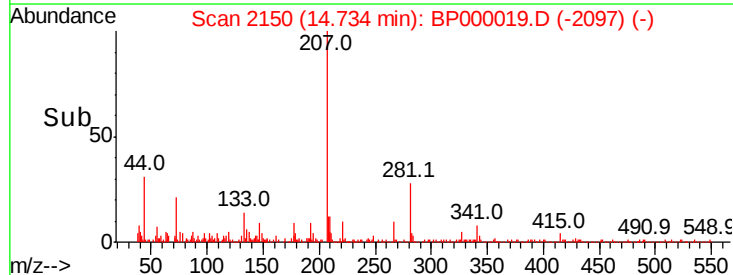
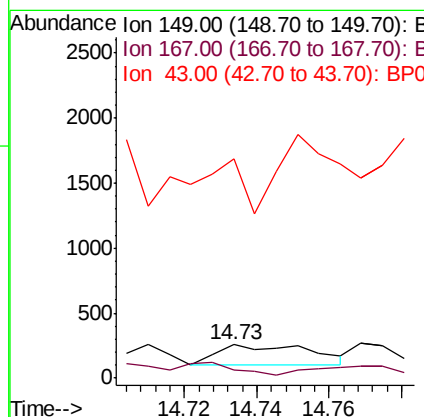
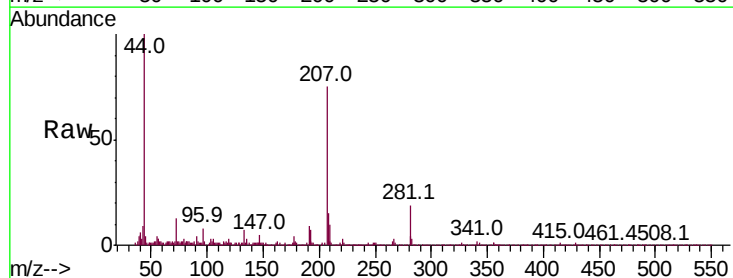
Instrument :
 BNA_P
 ClientSampleId :

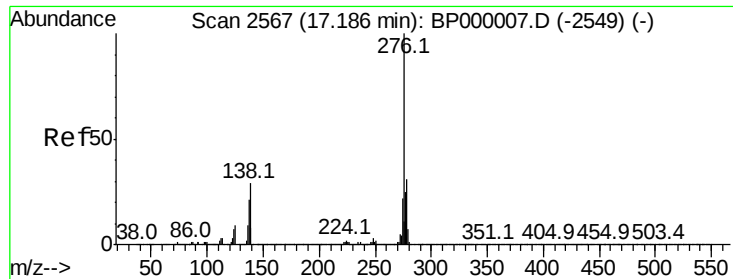
Tot Ion:149 Resp: 209
 Ion Ratio Lower Upper
 149 100
 167 22.8 22.4 33.6
 279 4.0 3.1 4.7



#85
 Di-n-octyl phthalate
 Concen: 0.003 ng
 RT: 14.73 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BP000019.D
 Acq: 30 Aug 2019 23:13

Tgt Ion:149 Resp: 284
 Ion Ratio Lower Upper
 149 100
 167 32.0 1.3 1.9#
 43 91.5 6.5 9.7#

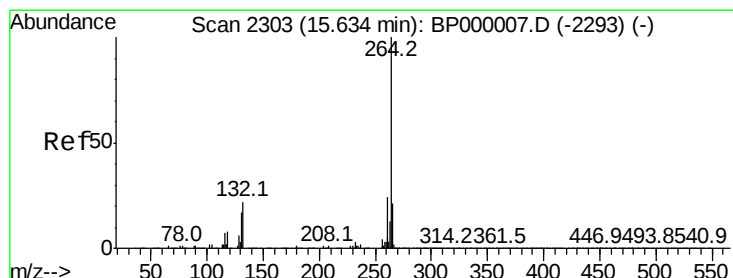
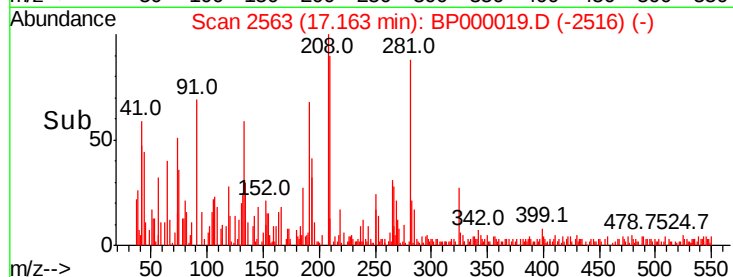
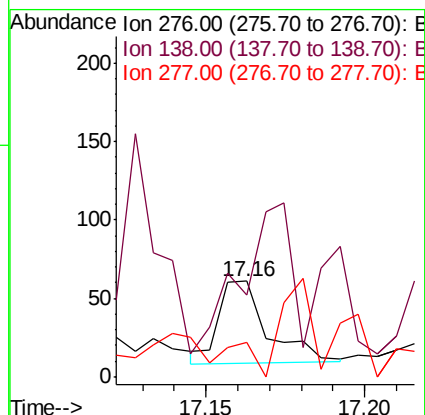
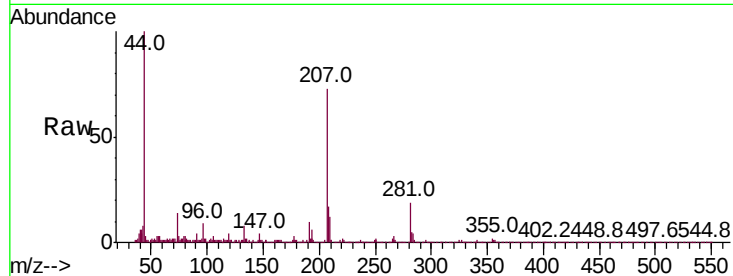




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

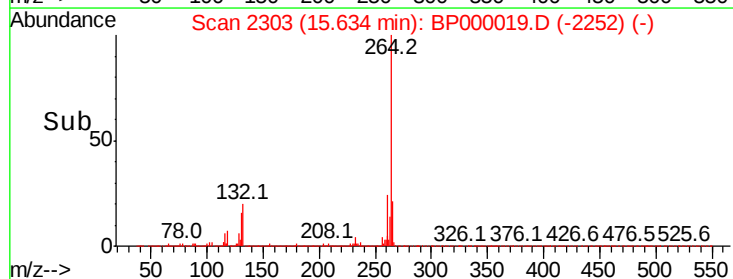
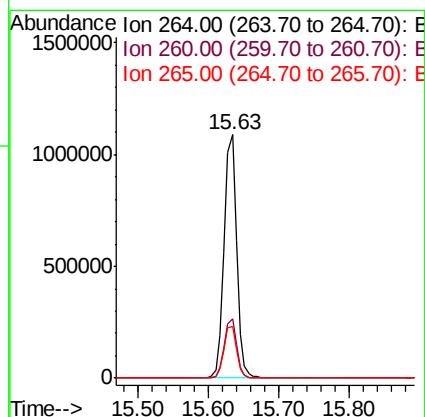
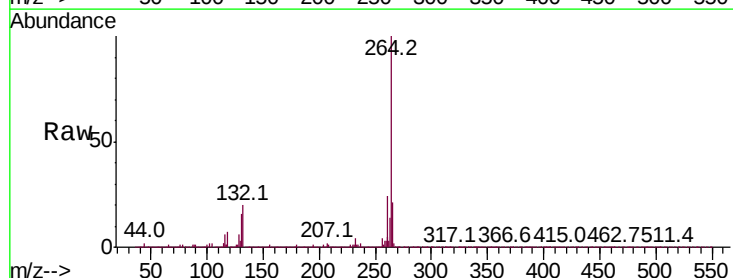
Instrument :
BNA_P
ClientSampleId :

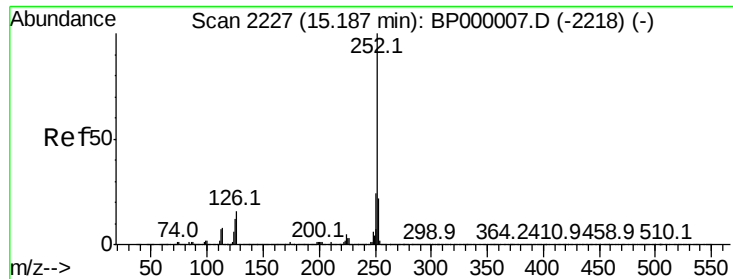
Tot Ion	Ratio	Lower	Upper
276	100		
138	185.7	26.5	39.7#
277	155.4	20.3	30.5#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BP000019.D
Acq: 30 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.4	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

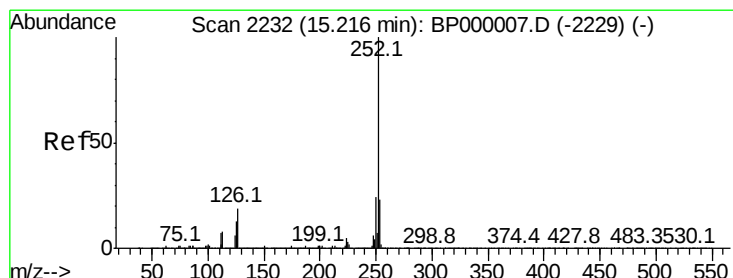
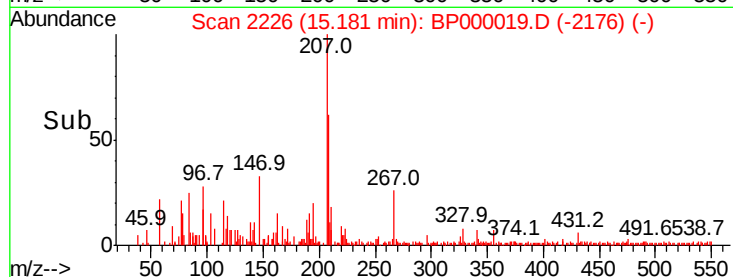
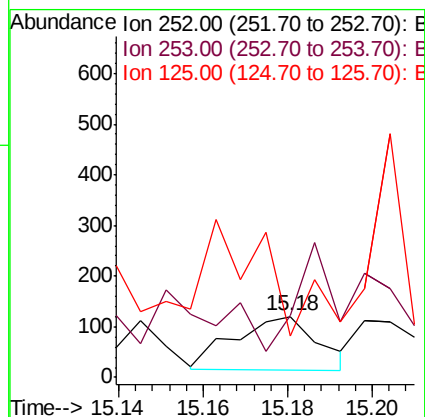
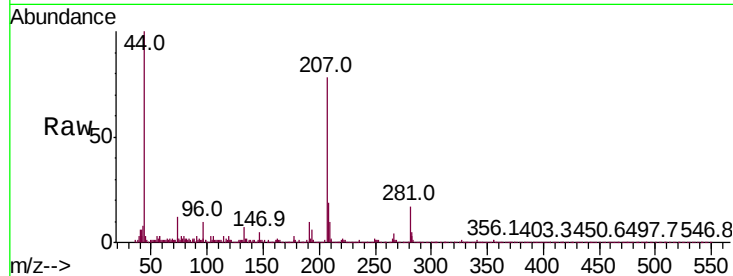
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 145

Ion	Ratio	Lower	Upper
252	100		
253	102.5	17.8	26.6#
125	67.5	9.4	14.2#



#89

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 15.20 min Scan# 2229

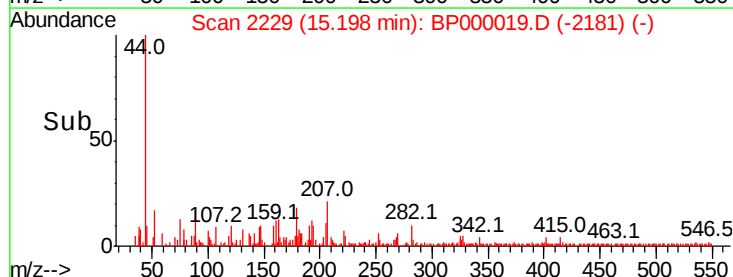
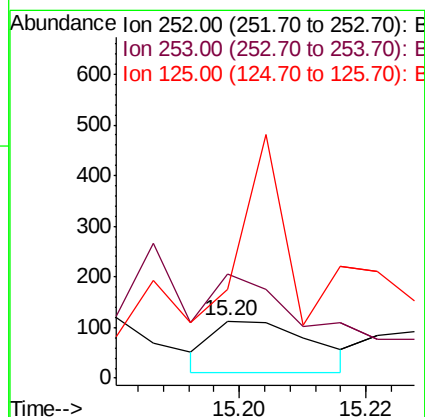
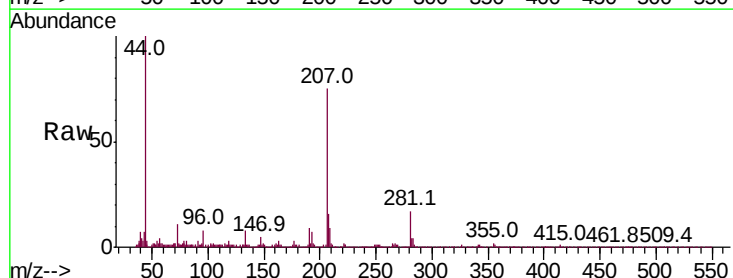
Delta R.T. -0.02 min

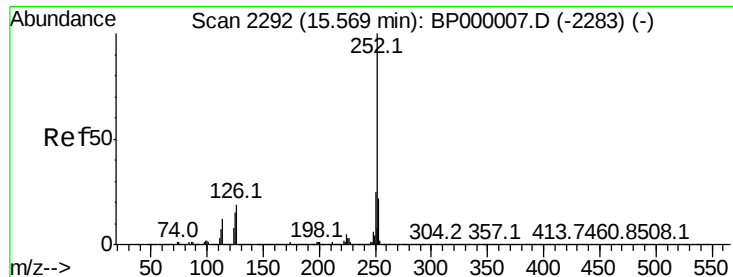
Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Tgt Ion:252 Resp: 110

Ion	Ratio	Lower	Upper
252	100		
253	183.2	18.0	27.0#
125	200.0	10.3	15.5#





#90

Benzo(a)pyrene

Concen: 0.069 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.06 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

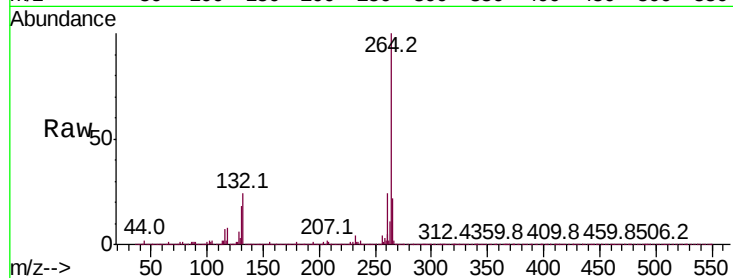
Tot Ion:252 Resp: 5122

Ion Ratio Lower Upper

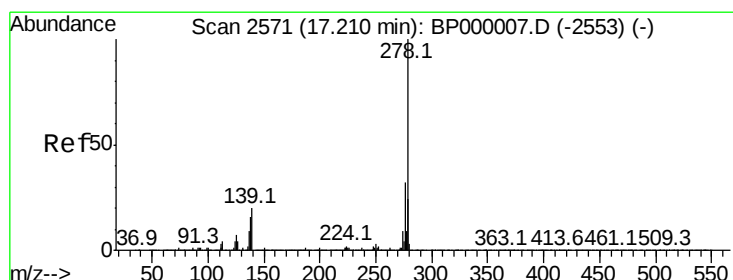
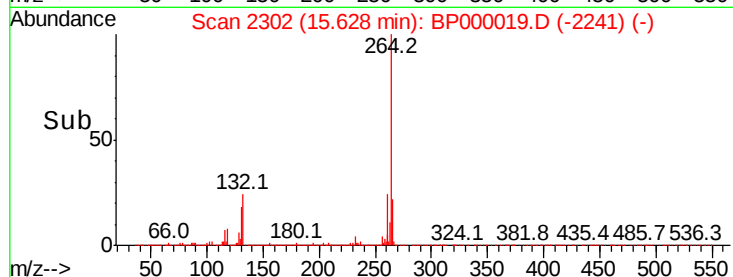
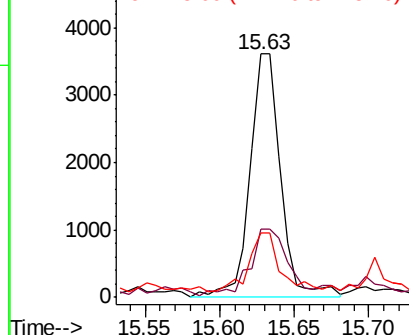
252 100

253 27.9 17.5 26.3#

125 26.5 11.7 17.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 17.22 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

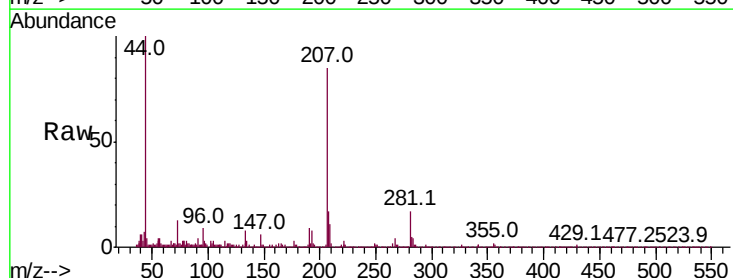
Tgt Ion:278 Resp: 50

Ion Ratio Lower Upper

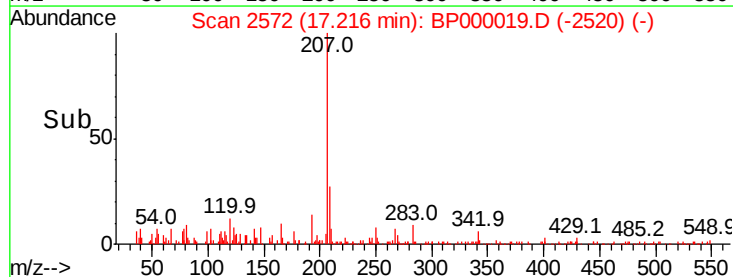
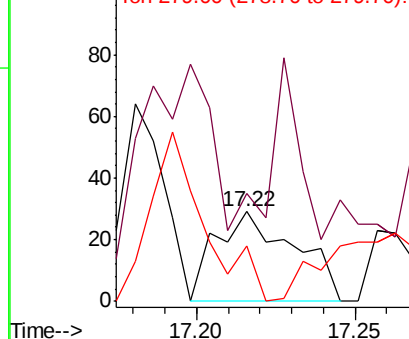
278 100

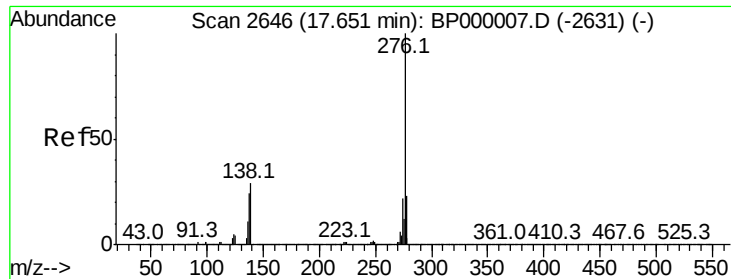
139 120.7 16.4 24.6#

279 62.1 19.2 28.8#



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(a,h,i)perylene

Concen: 0.001 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.02 min

Lab File: BP000019.D

Acq: 30 Aug 2019 23:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 276 Resp: 85

Ion Ratio Lower Upper

276 100

277 11.6 18.6 28.0#

138 62.0 23.0 34.4#

