

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001210.D
 Acq On : 05 Dec 2019 14:29
 Operator : JU
 Sample : K6085-01DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2DL

Quant Time: Dec 05 15:24:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

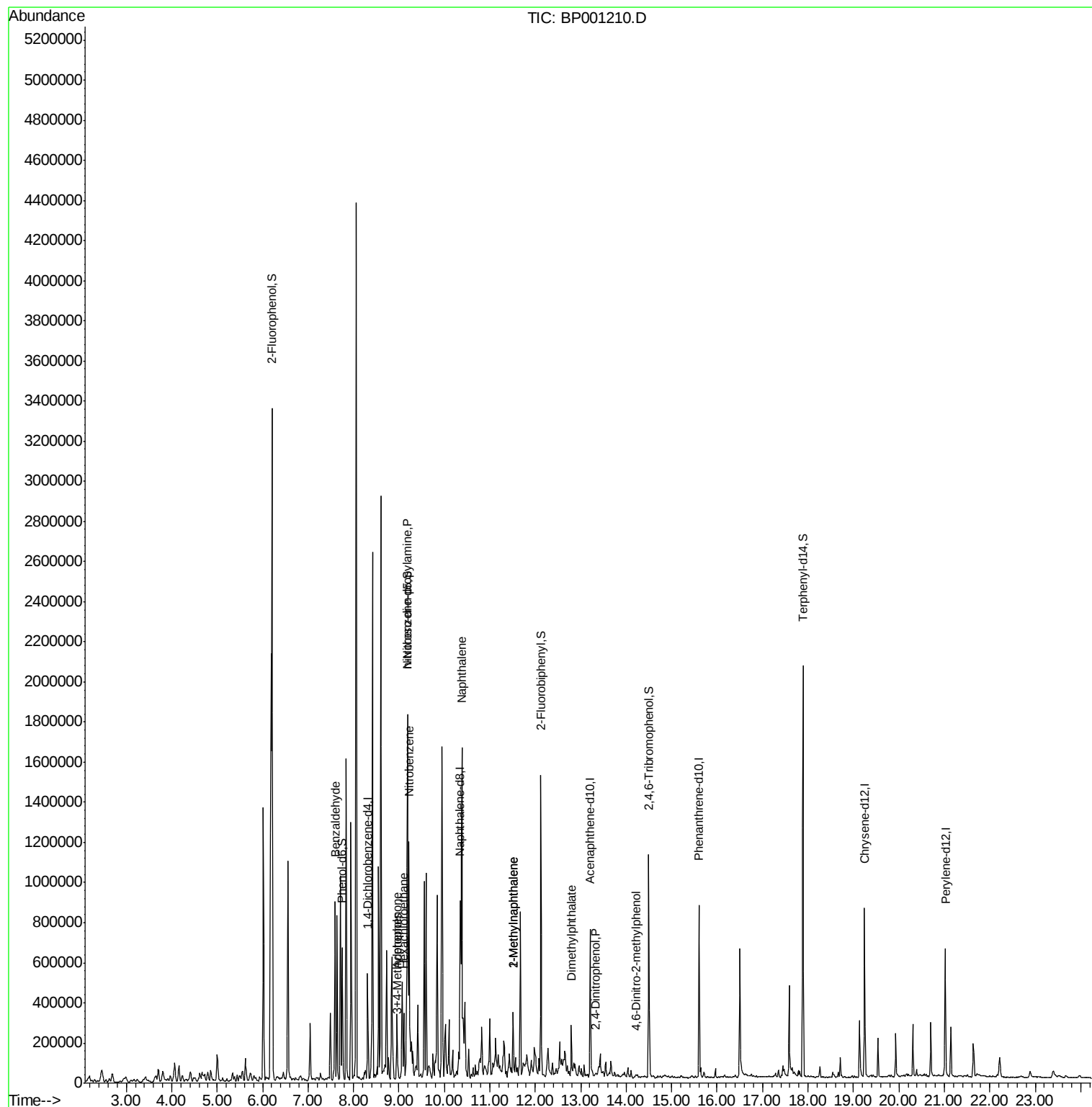
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	90956	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	330426	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	192565	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	377209	20.00	ng	0.00
76) Chrysene-d12	19.25	240	309227	20.00	ng	-0.01
87) Perylene-d12	21.02	264	333302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	245977	44.87	ng	0.00
7) Phenol-d6	7.75	99	221403	30.31	ng	-0.01
23) Nitrobenzene-d5	9.19	82	341369	44.82	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	142993	77.47	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	576544	43.82	ng	0.00
79) Terphenyl-d14	17.89	244	757154	45.30	ng	0.00
Target Compounds						
9) Benzaldehyde	7.59	77	54650	7.327	ng	# 1
18) Hexachloroethane	9.10	117	13784	4.920	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	51634	9.797	ng	# 77
20) 3+4-Methylphenols	8.98	107	21035	3.207	ng	# 94
22) Acetophenone	8.95	105	156805	16.146	ng	# 54
24) Nitrobenzene	9.22	77	31871	4.208	ng	# 1
31) Naphthalene	10.38	128	856837	50.774	ng	# 99
37) 2-Methylnaphthalene	11.51	142	85556	7.430	ng	# 98
38) 1-Methylnaphthalene	11.51	142	85556	7.865	ng	# 99
50) Dimethylphthalate	12.79	163	108571	7.539	ng	# 98
54) 2,4-Dinitrophenol	13.31	184	73	7.162	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.21	198	15	6.285	ng	# 1

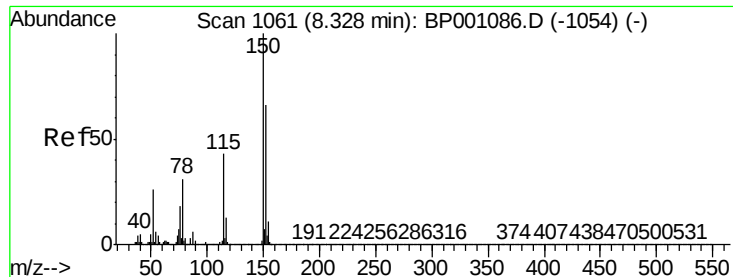
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

ClientSampleId :

MW-2DL

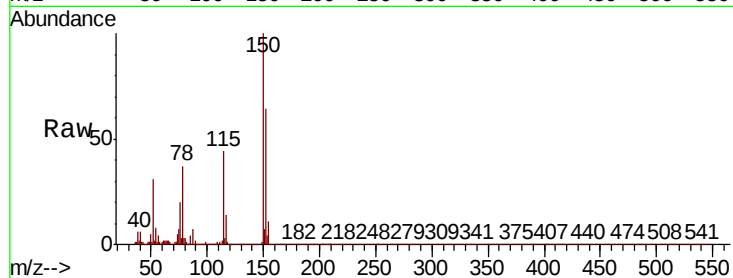
Tot Ion:152 Resp: 90956

Ion Ratio Lower Upper

152 100

150 156.8 127.3 190.9

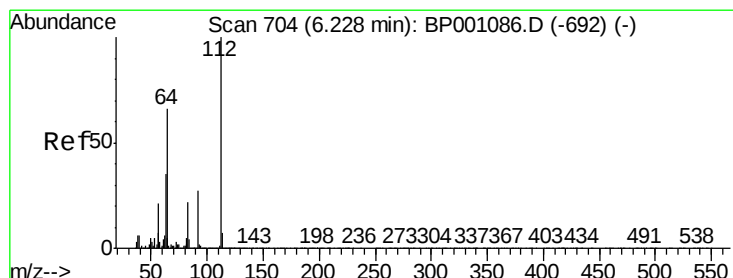
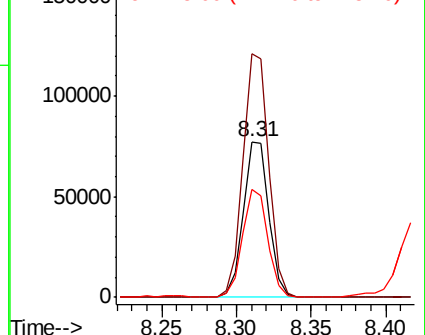
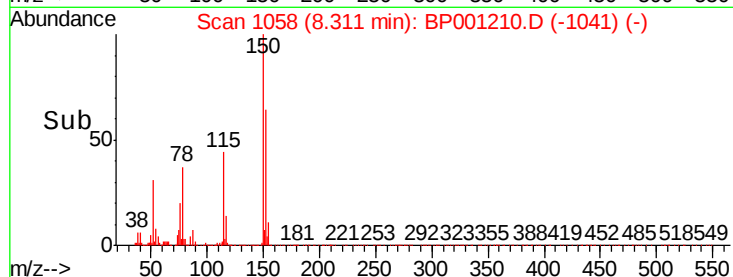
115 69.7 56.0 84.0



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



#5

2-Fluorophenol

Concen: 44.867 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

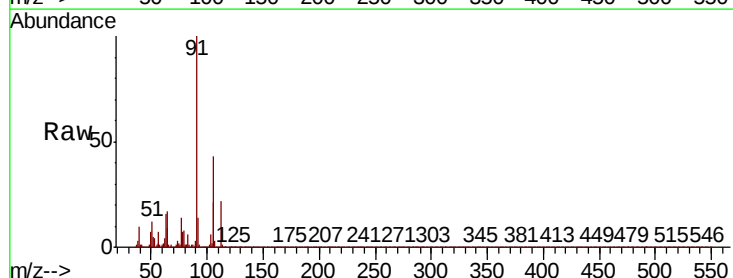
Tgt Ion:112 Resp: 245977

Ion Ratio Lower Upper

112 100

64 77.4 56.8 85.2

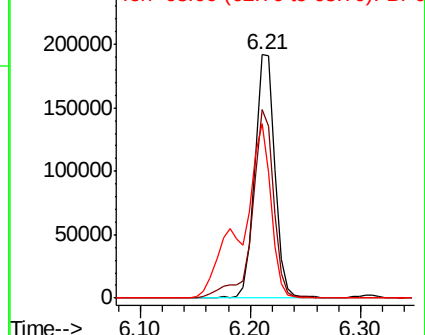
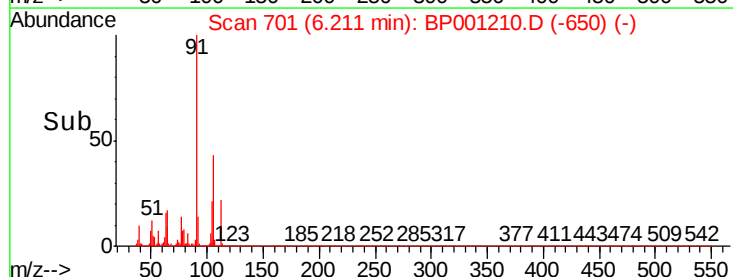
63 71.5 32.2 48.2#



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





#7

Phenol-d6

Concen: 30.313 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

ClientSampleId :

MW-2DL

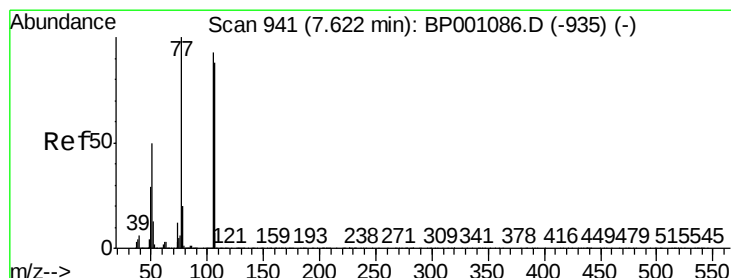
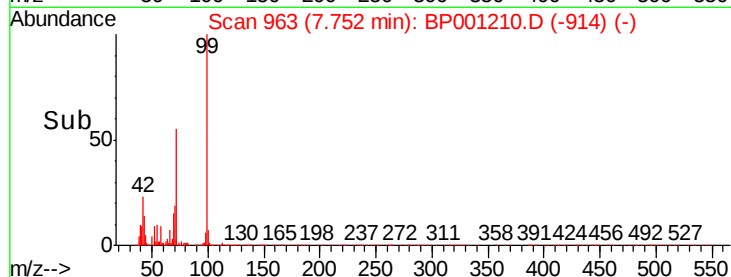
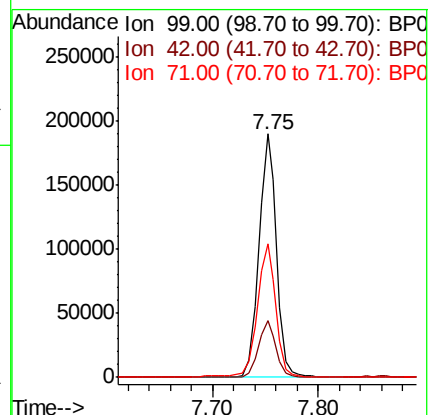
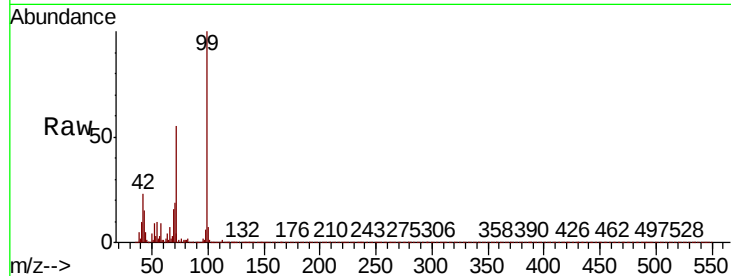
Tot Ion: 99 Resp: 221403

Ion Ratio Lower Upper

99 100

42 23.1 17.6 26.4

71 55.1 33.8 50.8#



#9

Benzaldehyde

Concen: 7.327 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

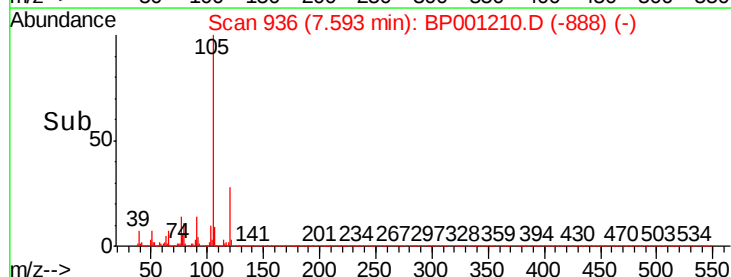
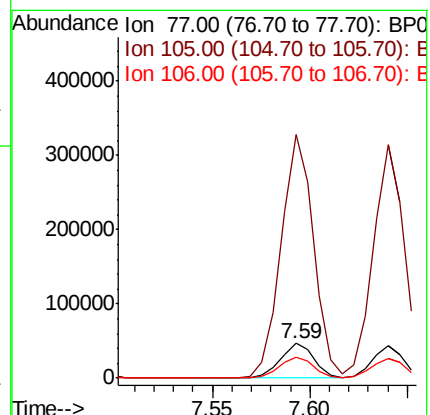
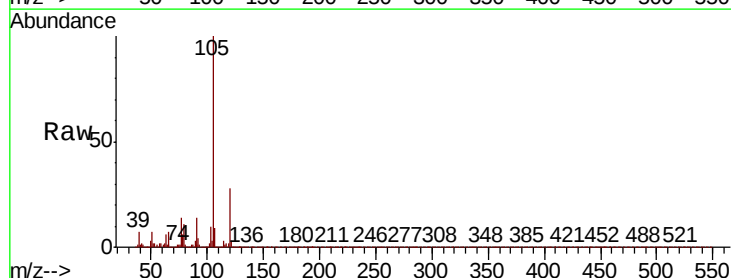
Tgt Ion: 77 Resp: 54650

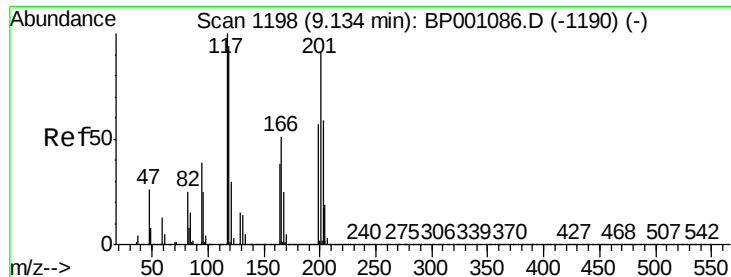
Ion Ratio Lower Upper

77 100

105 697.7 69.7 109.7#

106 61.1 67.1 107.1#

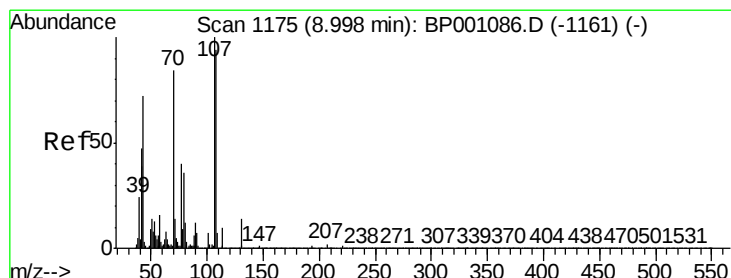
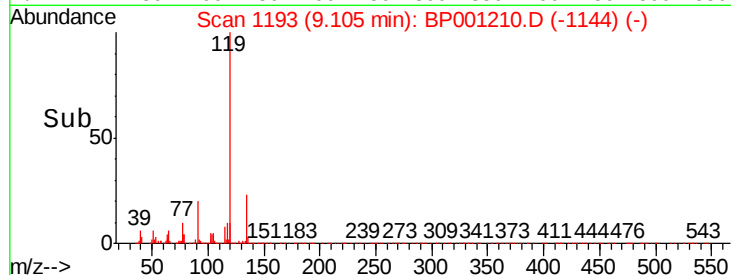
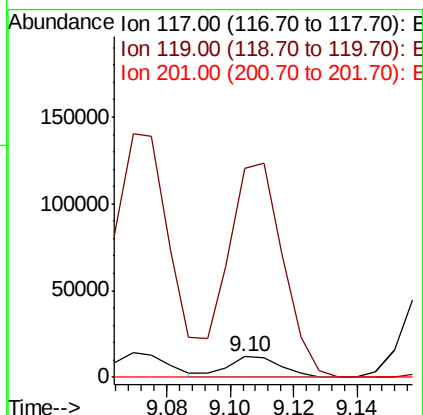
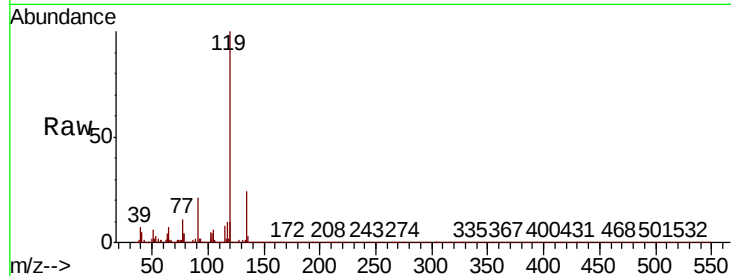




#18
Hexachloroethane
Concen: 4.920 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

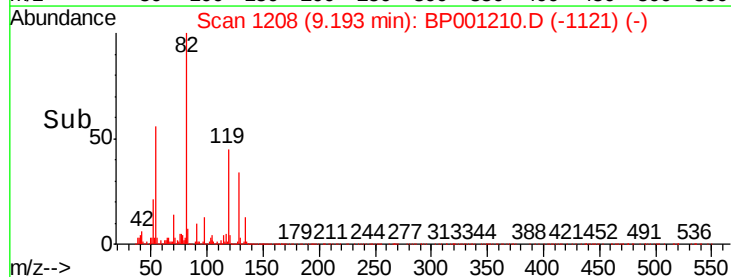
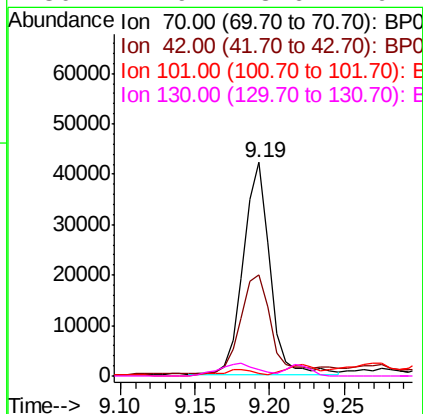
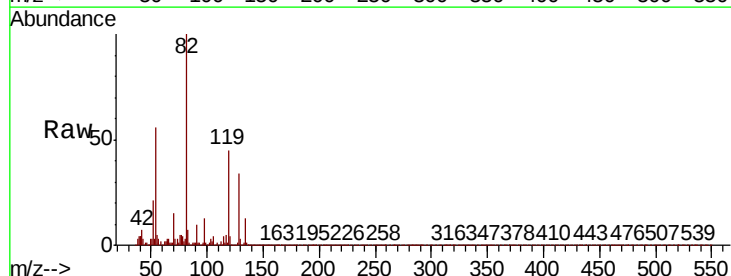
Instrument :
BNA_P
ClientSampleId :
MW-2DL

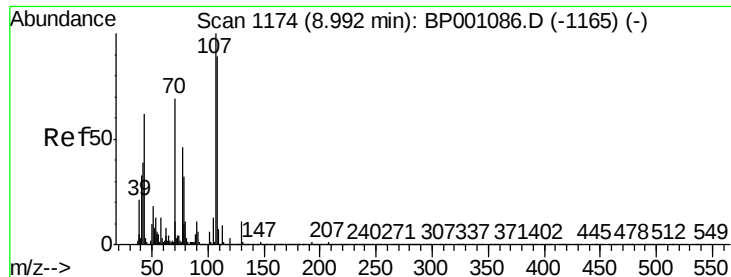
Tot Ion:117 Resp: 13784
Ion Ratio Lower Upper
117 100
119 1027.3 78.7 118.1#
201 0.0 75.5 113.3#



#19
n-Nitroso-di-n-propylamine
Concen: 9.797 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion: 70 Resp: 51634
Ion Ratio Lower Upper
70 100
42 47.1 50.6 76.0#
101 1.4 7.1 10.7#
130 2.9 13.6 20.4#

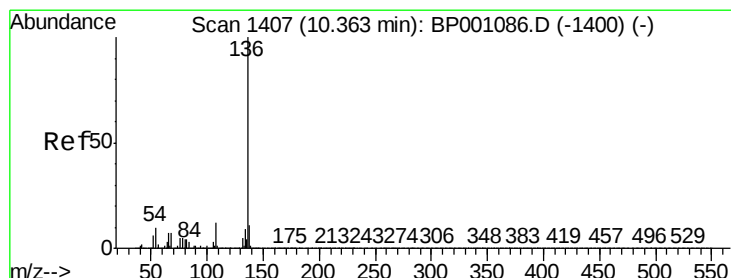
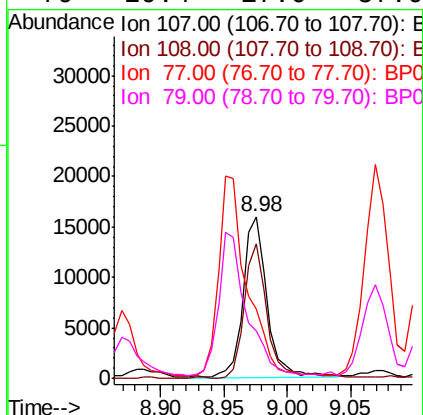
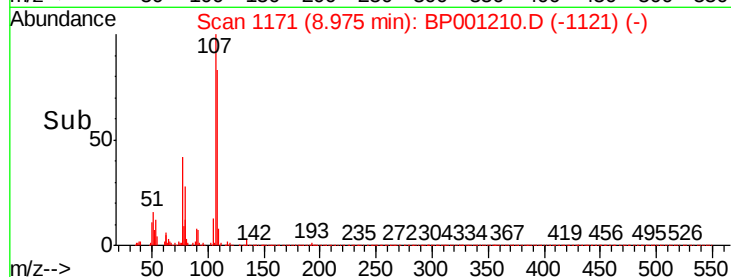
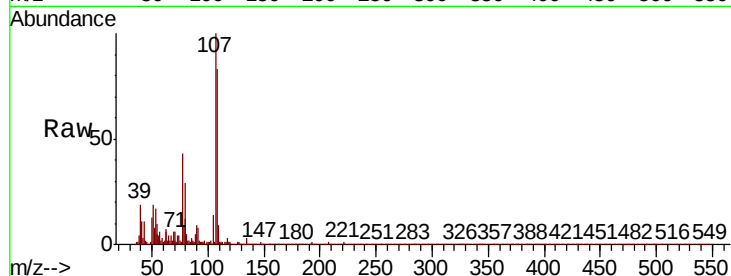




#20
3+4-Methylphenols
Concen: 3.207 ng
RT: 8.98 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

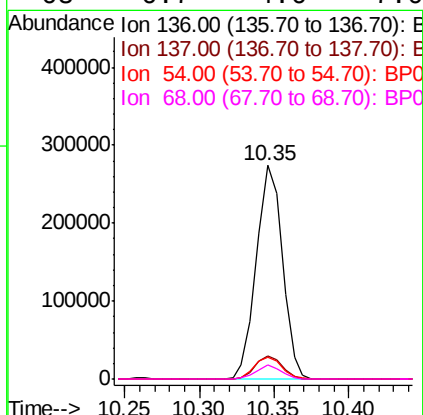
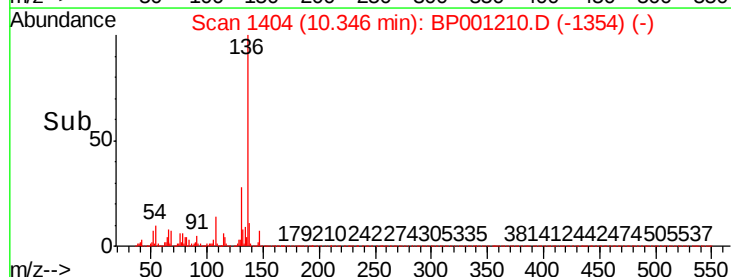
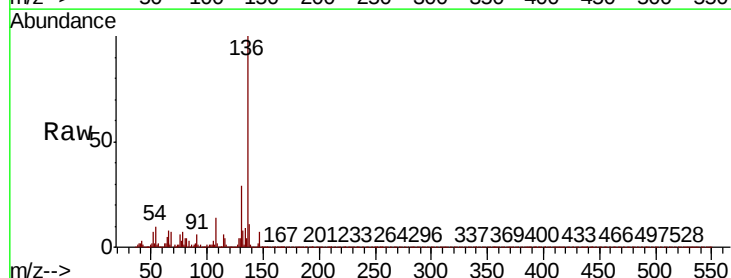
Instrument :
BNA_P
ClientSampleId :
MW-2DL

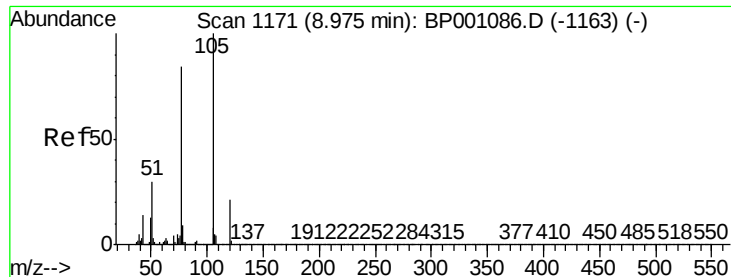
Tot Ion:107	Resp:	21035
Ion Ratio	Lower	Upper
107 100		
108 83.4	68.3	108.3
77 42.9	25.2	65.2
79 29.4	17.0	57.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt	Ion:136	Resp:	330426
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	10.3	7.4	11.0
68	6.7	4.6	7.0

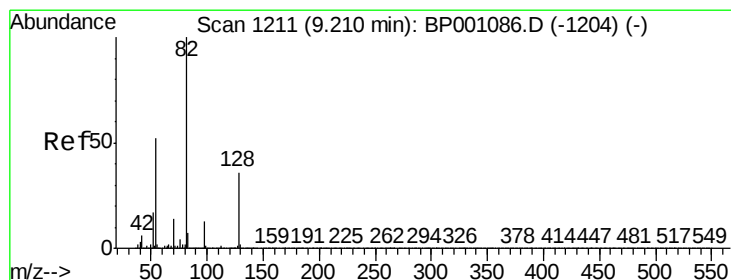
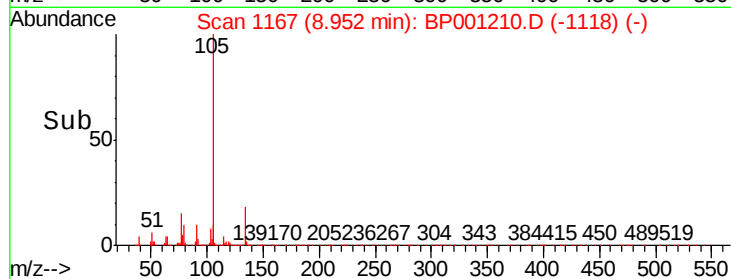
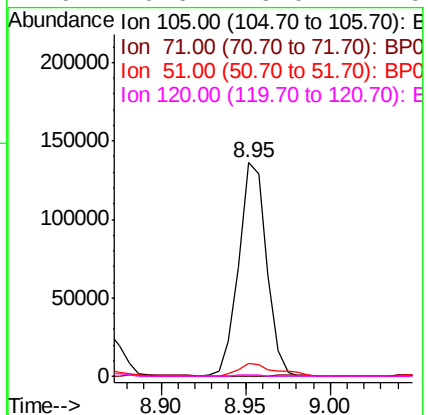
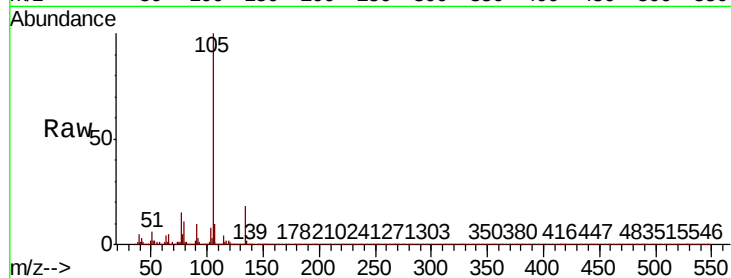




#22
Acetophenone
Concen: 16.146 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

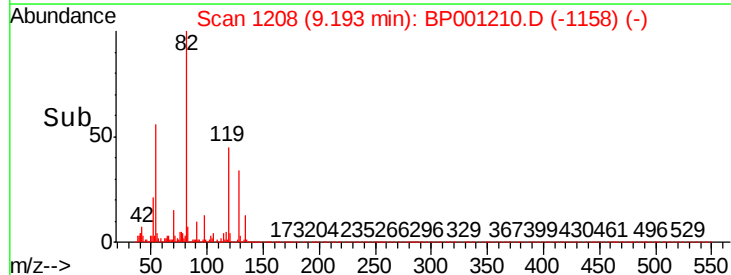
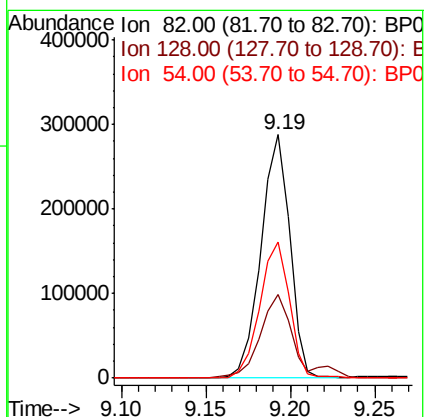
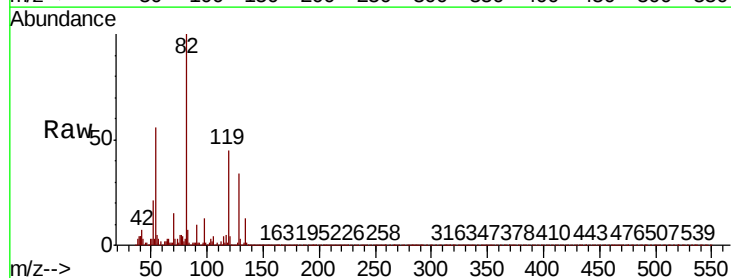
Instrument :
BNA_P
ClientSampleId :
MW-2DL

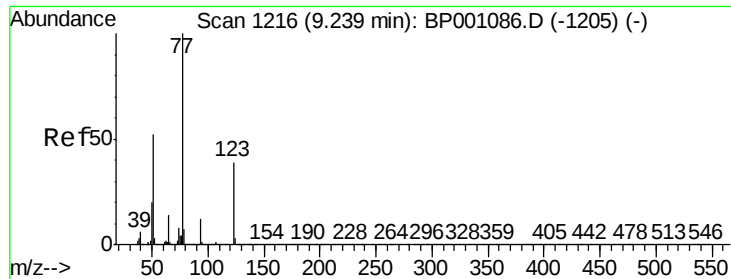
Tot Ion:	105	Resp:	156805
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.7	1.1#
51	5.8	26.9	40.3#
120	0.6	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 44.823 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion:	82	Resp:	341369
Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	55.7	45.7	68.5

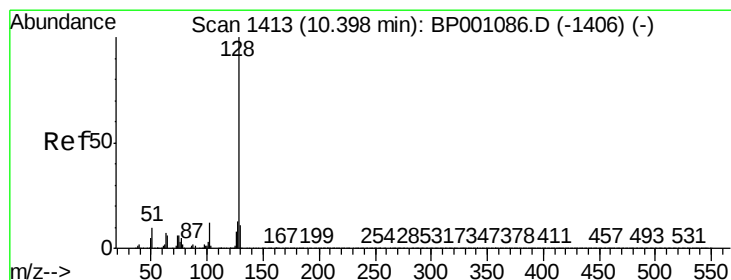
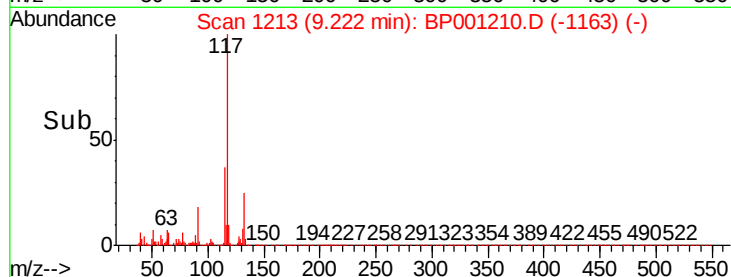
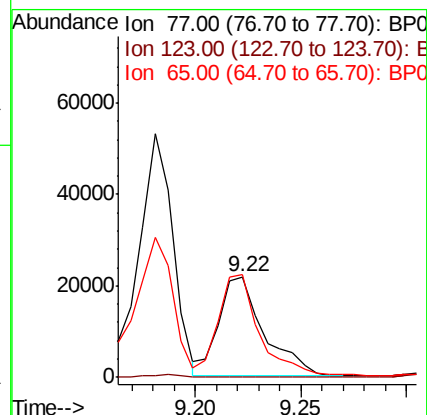
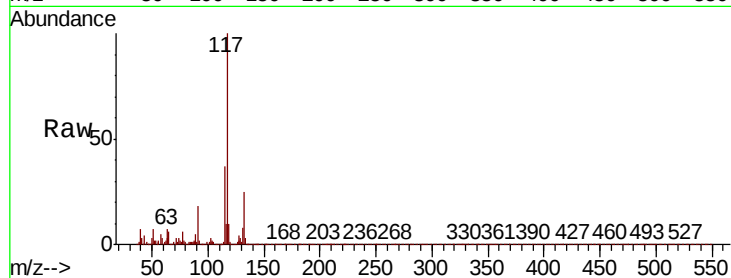




#24
Nitrobenzene
Concen: 4.208 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

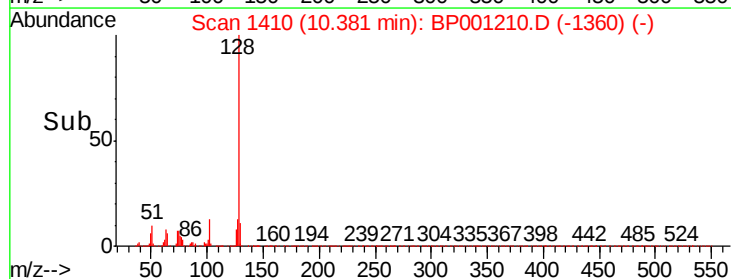
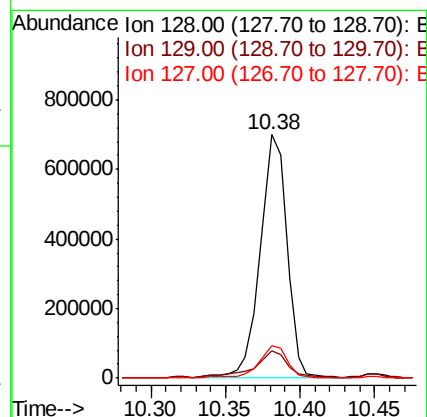
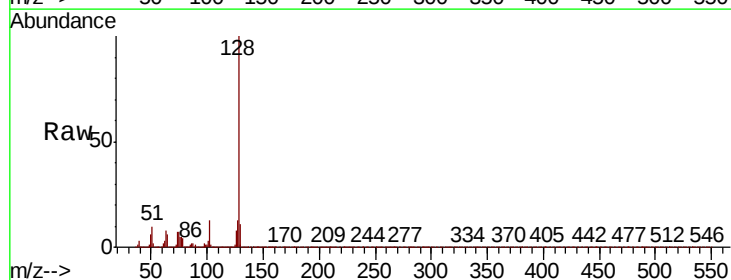
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BNA_P
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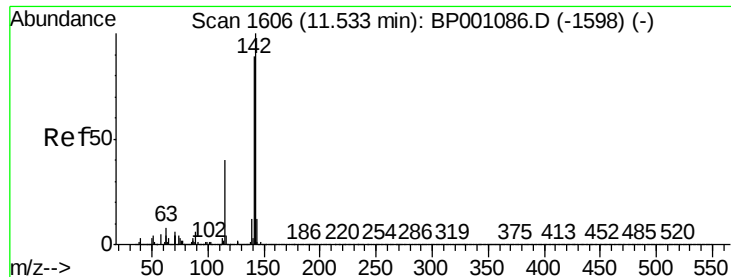
Tot Ion: 77 Resp: 31871
Ion Ratio Lower Upper
77 100
123 0.5 30.2 45.4#
65 101.5 11.9 17.9#



#31
Naphthalene
Concen: 50.774 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion: 128 Resp: 856837
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 13.2 10.6 16.0

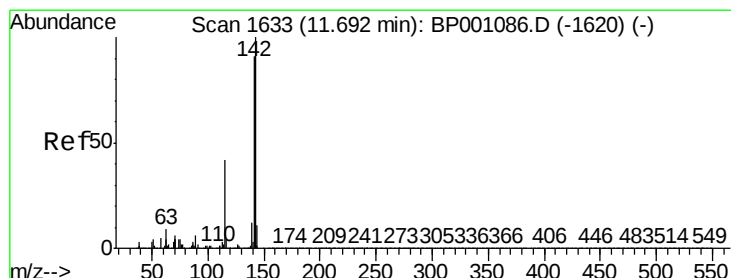
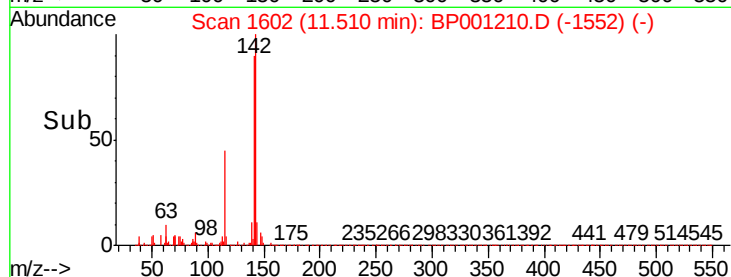
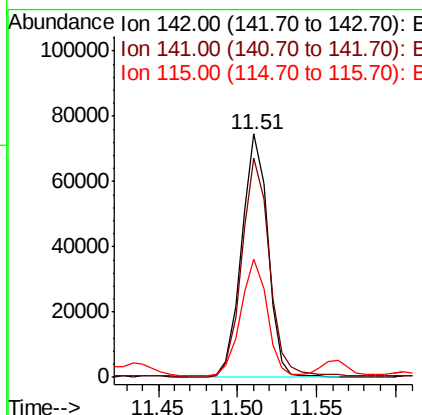
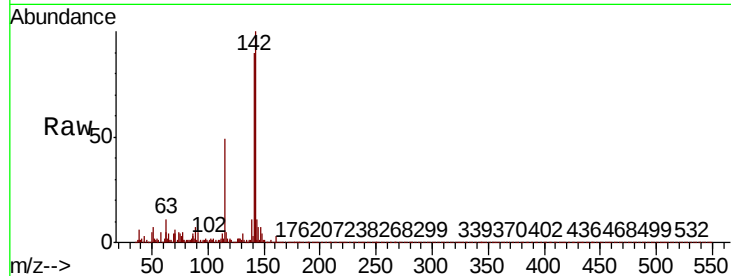




#37
2-Methylnaphthalene
Concen: 7.430 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

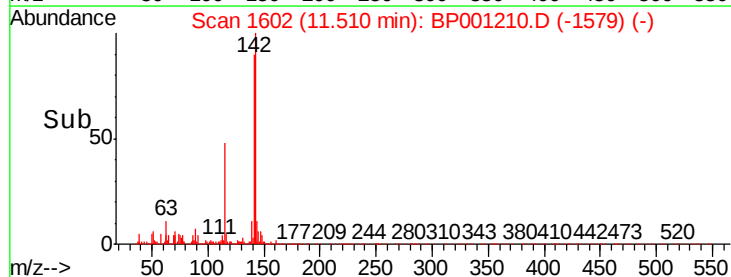
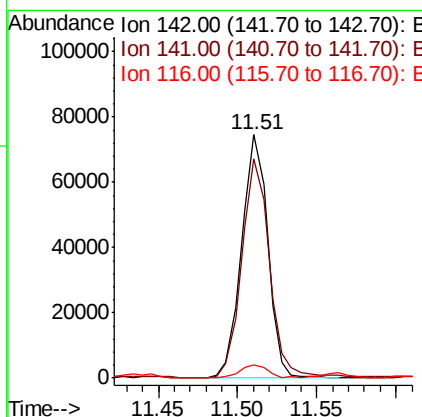
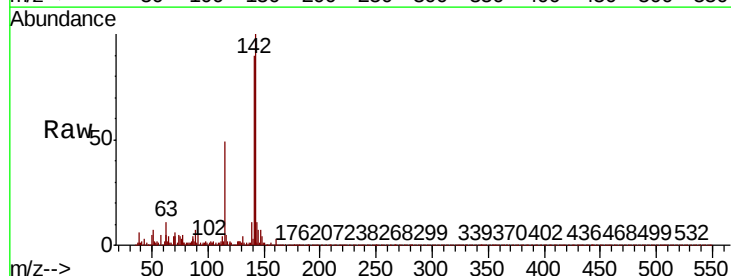
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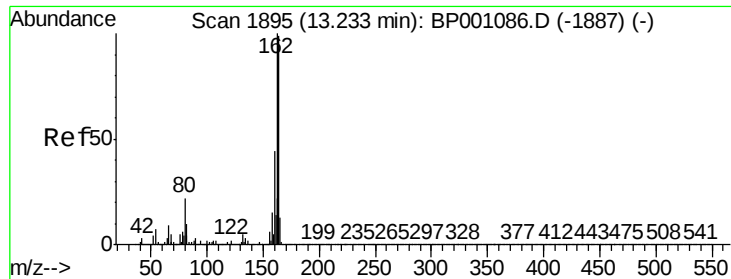
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	48.7	36.0	54.0



#38
1-Methylnaphthalene
Concen: 7.865 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.16 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.7	109.1
116	5.4	3.8	5.6

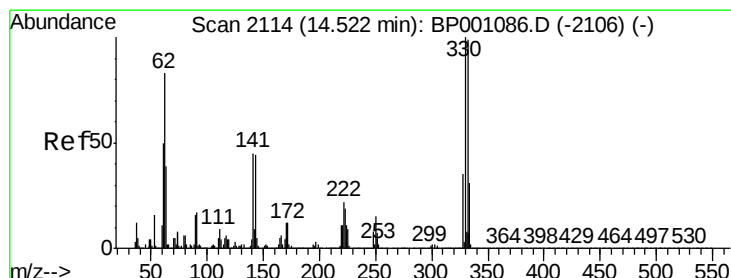
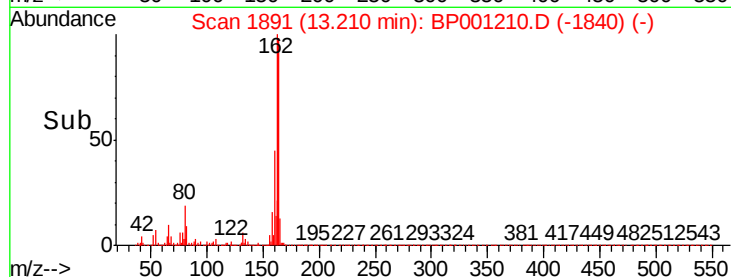
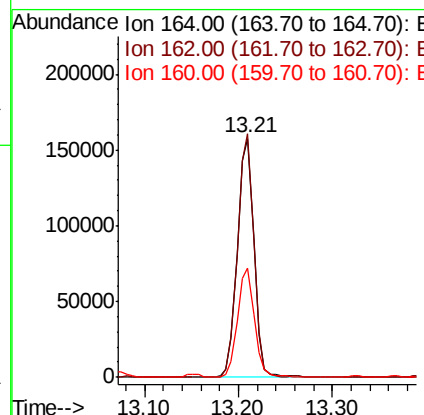
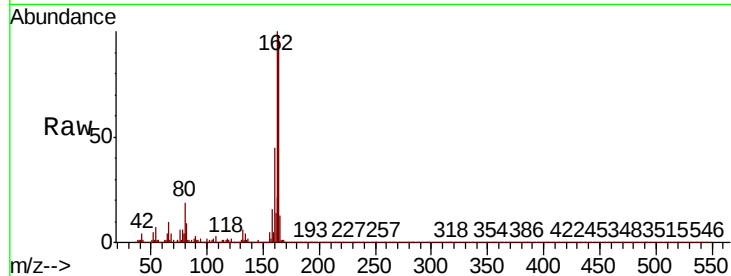




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

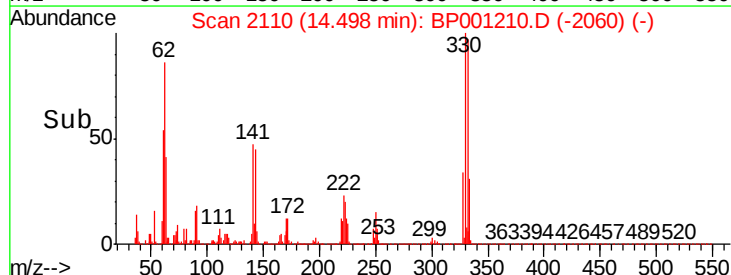
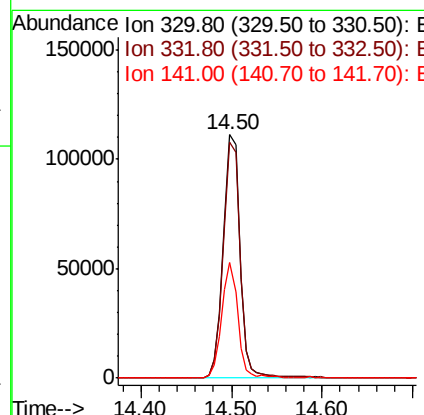
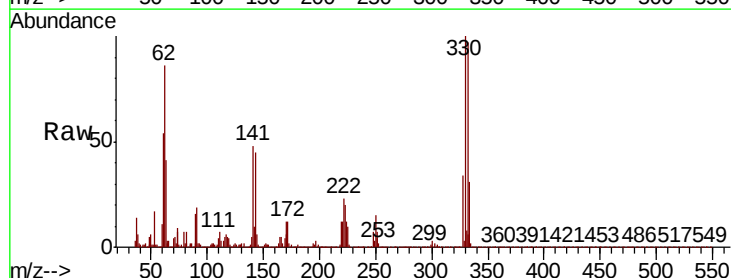
Instrument :
BNA_P
ClientSampleId :
MW-2DL

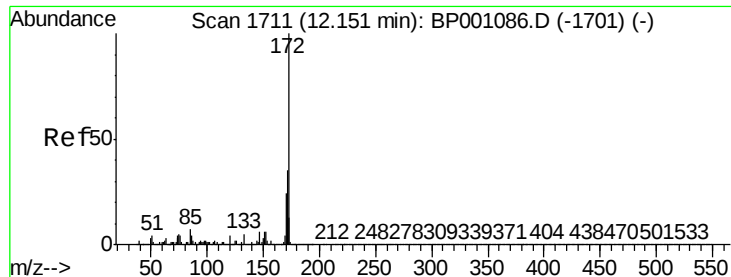
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.6	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 77.472 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.1	35.9	53.9

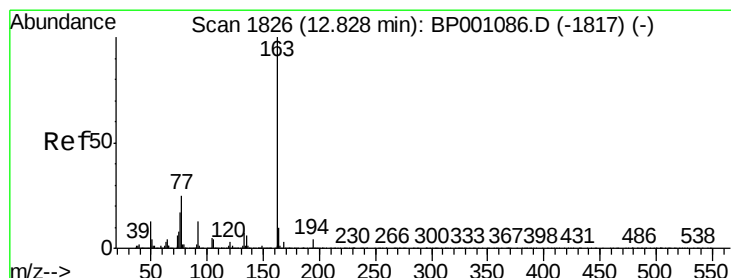
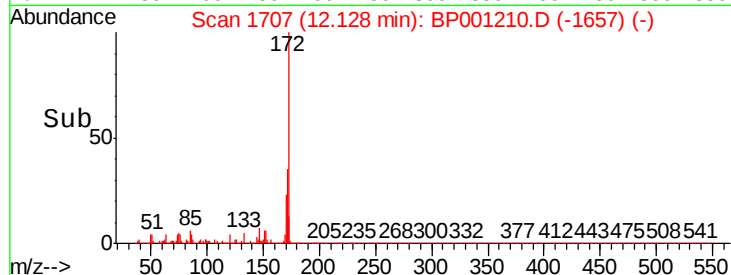
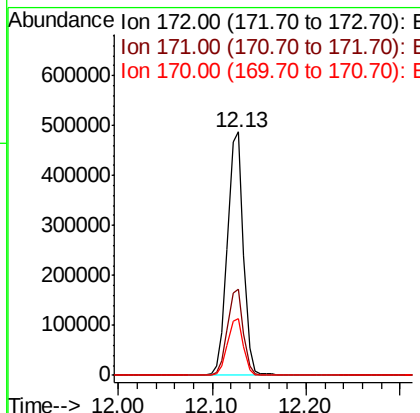
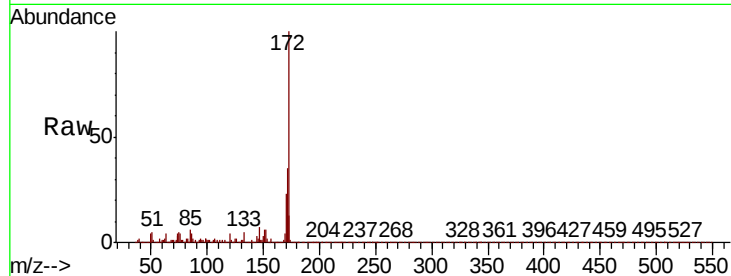




#45
2-Fluorobiphenyl
Concen: 43.820 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

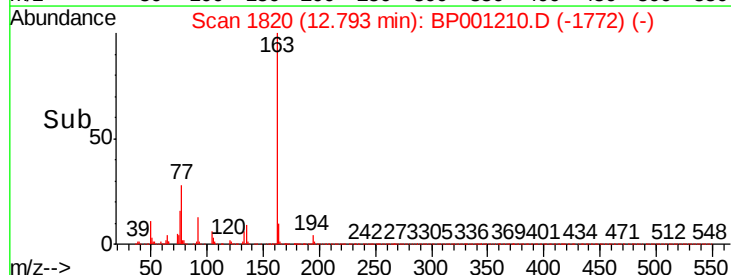
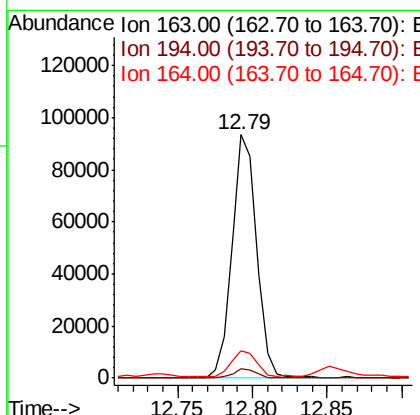
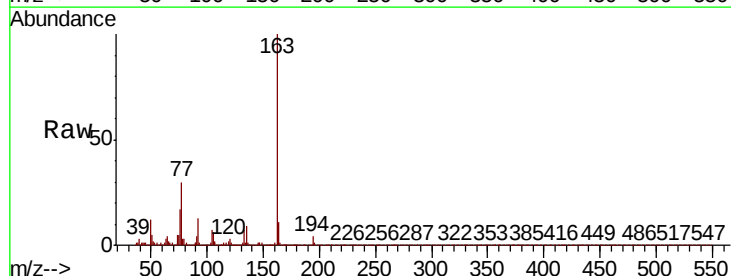
Instrument :
BNA_P
ClientSampleId :
MW-2DL

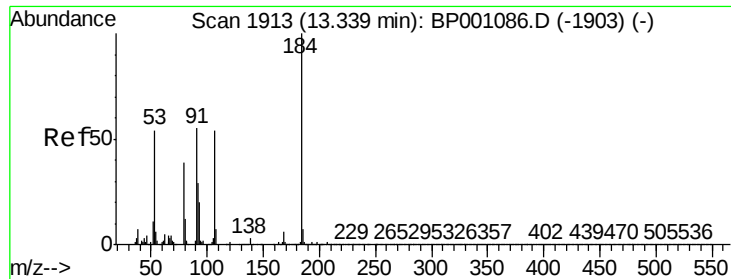
Tot Ion:172 Resp: 576544
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.2 19.2 28.8



#50
Dimethylphthalate
Concen: 7.539 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion:163 Resp: 108571
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 11.4 8.2 12.4

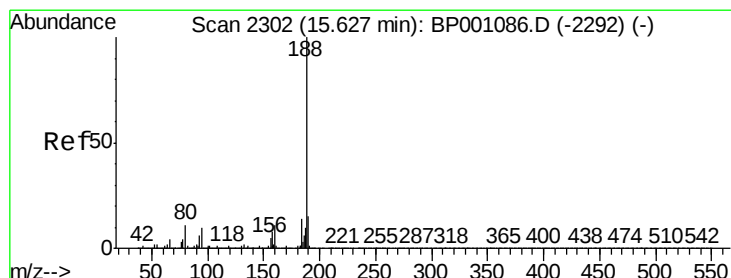
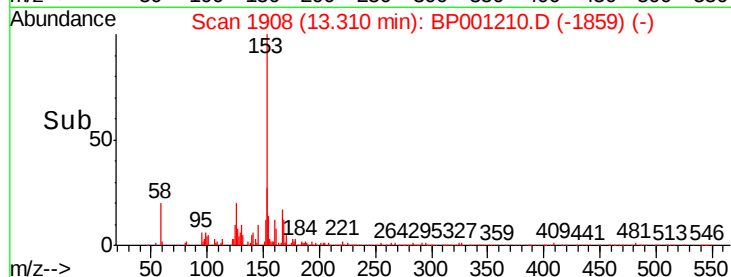
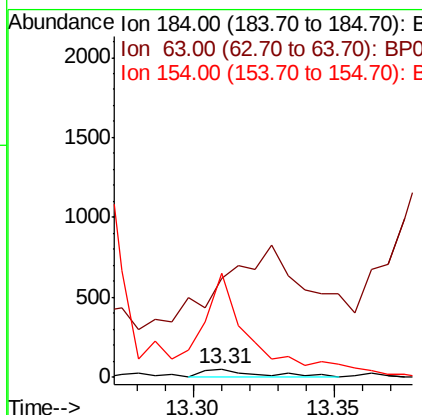
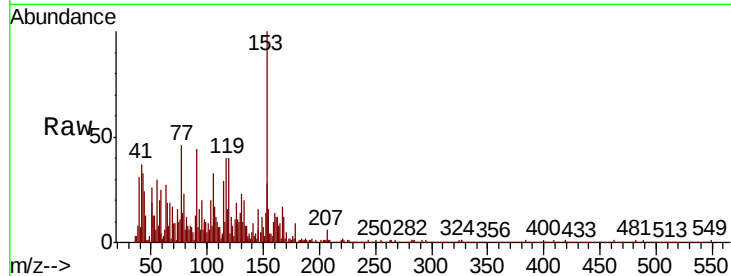




#54
2,4-Dinitrophenol
Concen: 7.162 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

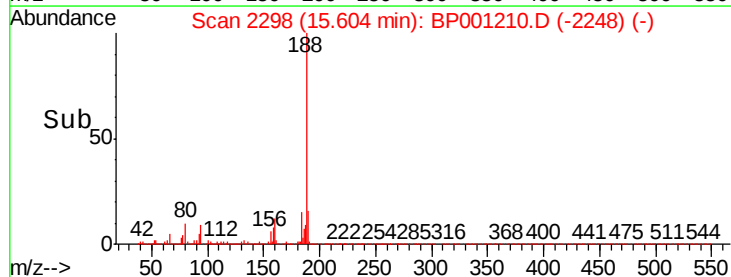
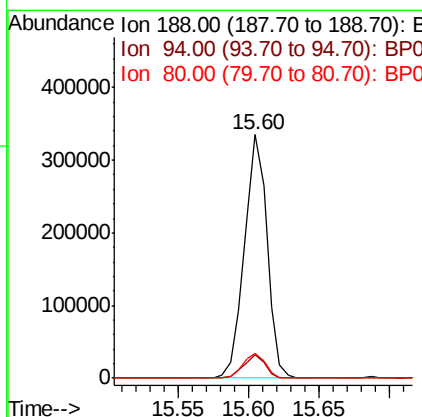
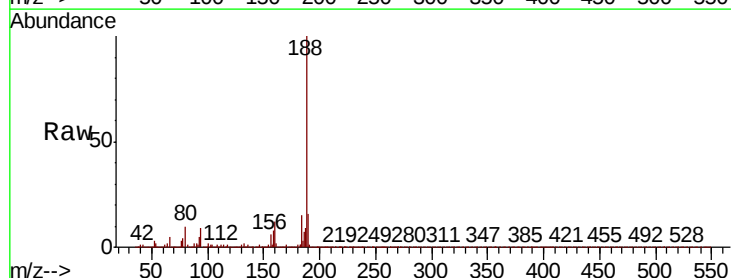
Instrument :
BNA_P
ClientSampleId :
MW-2DL

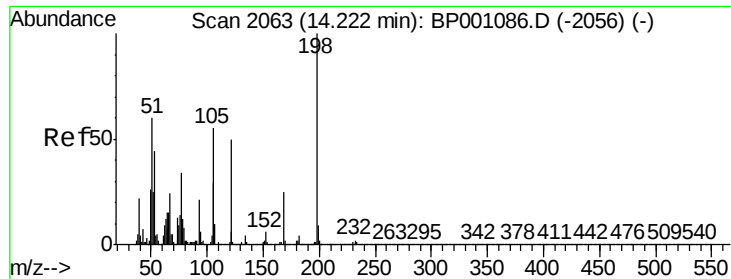
Tot Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 1148.1 69.4 104.0#
154 1209.3 57.4 86.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion:188 Resp: 377209
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.0 7.8 11.6

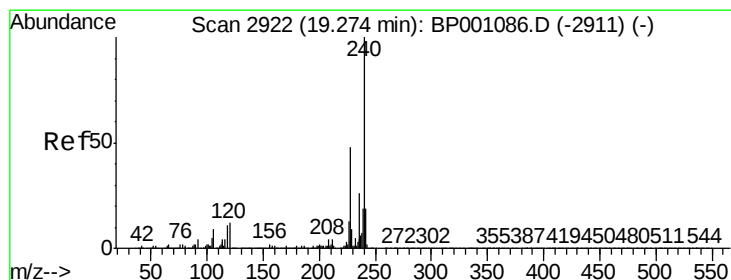
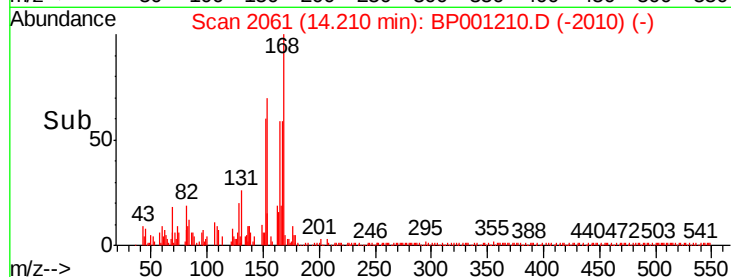
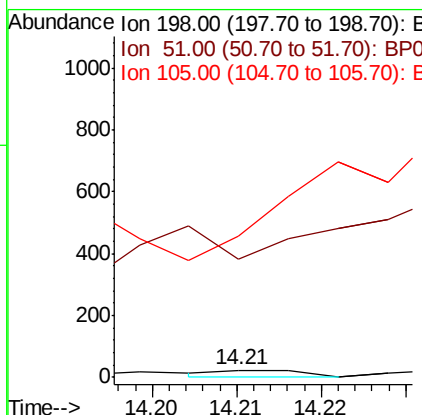
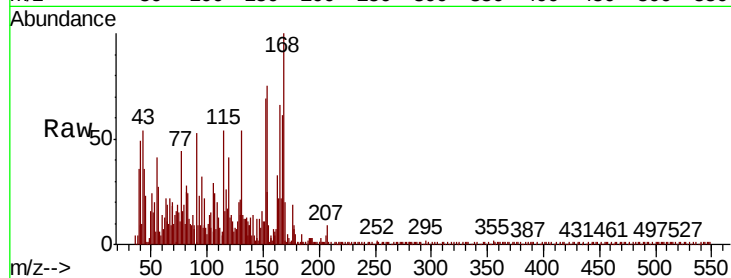




#65
4,6-Dinitro-2-methylphenol
Concen: 6.285 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

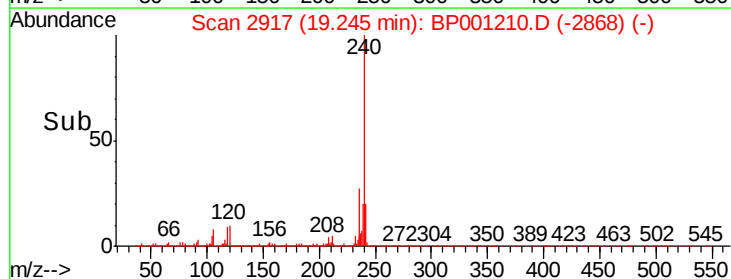
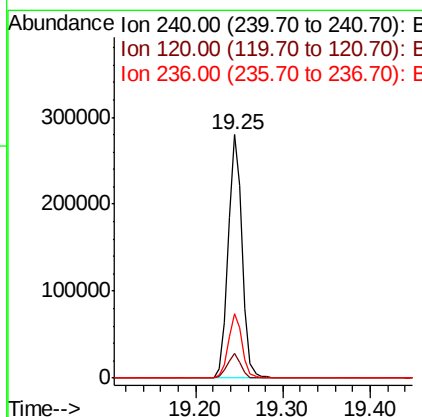
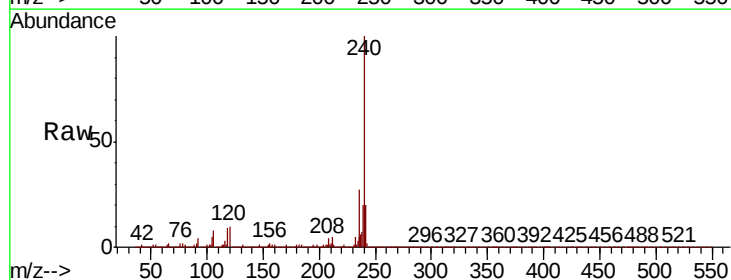
Instrument :
BNA_P
ClientSampled :
MW-2DL

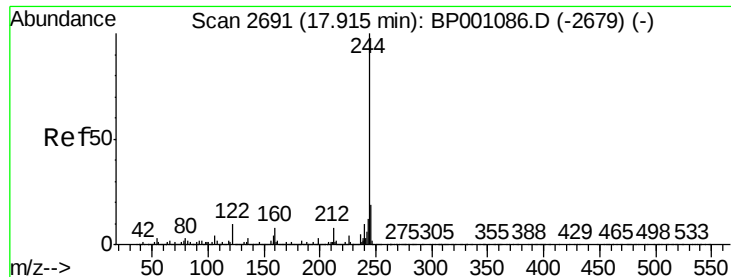
Tot Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 1660.9 36.2 76.2#
105 1991.3 30.2 70.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion:240 Resp: 309227
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.5 21.7 32.5





#79

Terphenyl-d14

Concen: 45.300 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

ClientSampleId :

MW-2DL

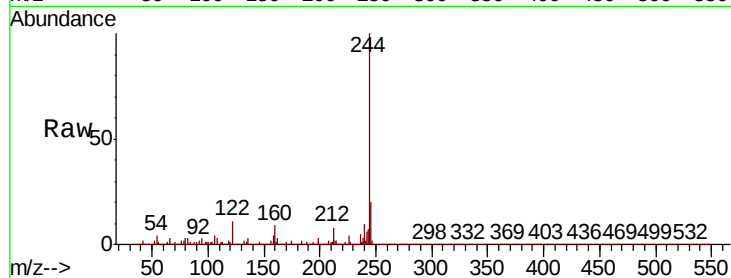
Tot Ion:244 Resp: 757154

Ion Ratio Lower Upper

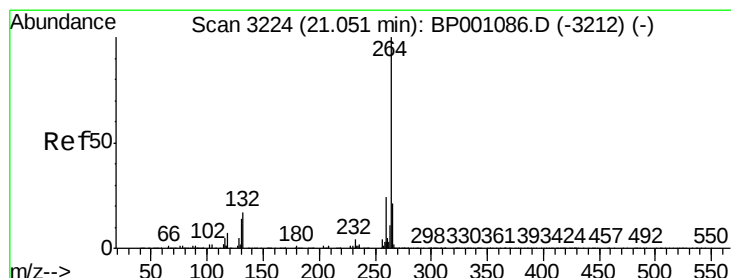
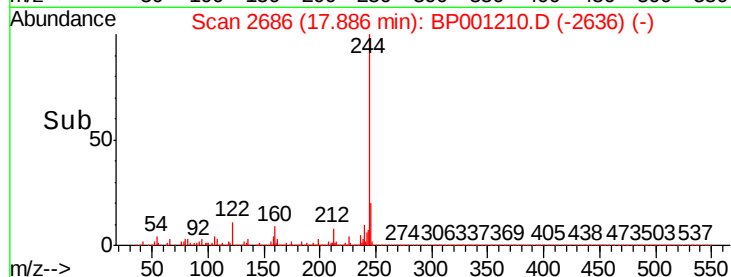
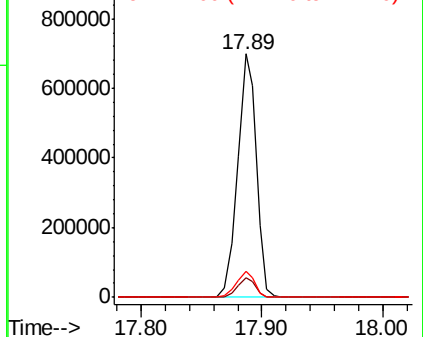
244 100

212 8.3 6.6 9.8

122 10.9 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

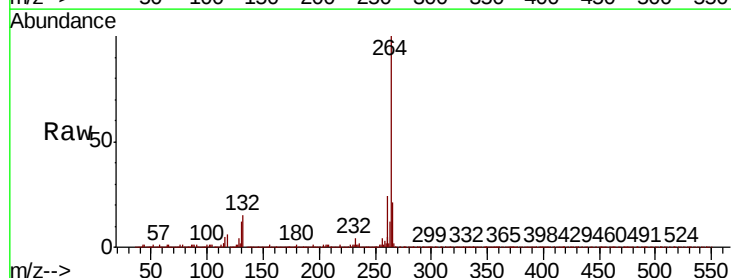
Tgt Ion:264 Resp: 333302

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

