

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002609.D
 Acq On : 01 Jul 2020 17:57
 Operator : CG/JU
 Sample : L3155-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-D19

Quant Time: Jul 02 00:54:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

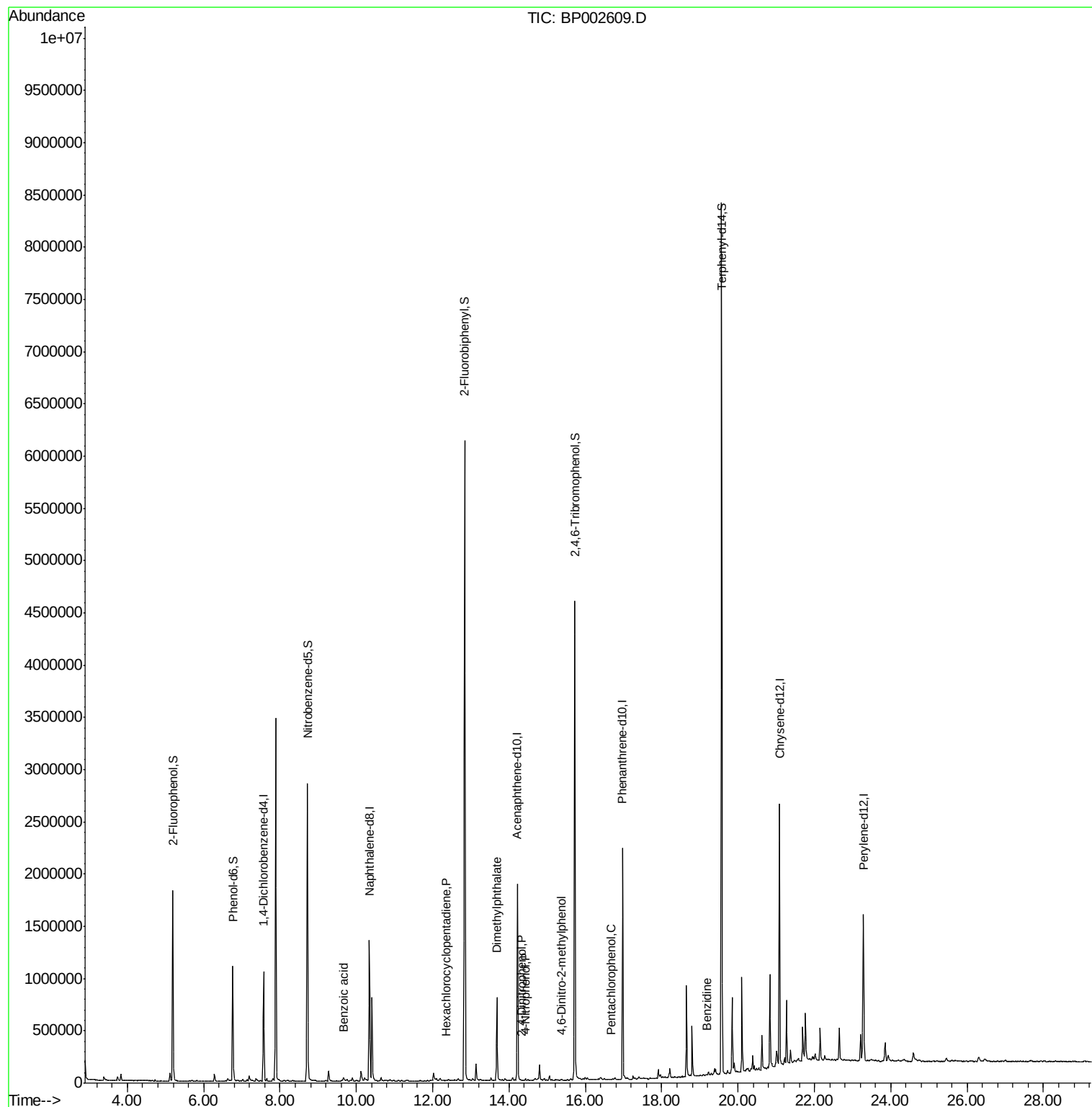
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	281887	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1089077	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	644734	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1323184	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1101782	20.00	ng	0.00
86) Perylene-d12	23.28	264	953328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	821084	49.32	ng	0.00
7) Phenol-d6	6.76	99	671382	28.89	ng	0.00
23) Nitrobenzene-d5	8.72	82	1664211	78.74	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	882020	112.48	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3423353	78.15	ng	0.00
79) Terphenyl-d14	19.57	244	4266922	83.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	2430	Below Cal		94
32) Benzoic acid	9.66	122	5005	9.037 ng	#	57
41) Hexachlorocyclopentadiene	12.36	237	12	4.383 ng		79
50) Dimethylphthalate	13.68	163	503481	9.943 ng		100
54) 2,4-Dinitrophenol	14.33	184	23	6.012 ng	#	1
56) 4-Nitrophenol	14.44	139	106	2.447 ng		89
65) 4,6-Dinitro-2-methylphenol	15.37	198	11	2.711 ng	#	1
70) Pentachlorophenol	16.66	266	290	2.692 ng	#	84
77) Benzidine	19.19	184	757	3.771 ng	#	1

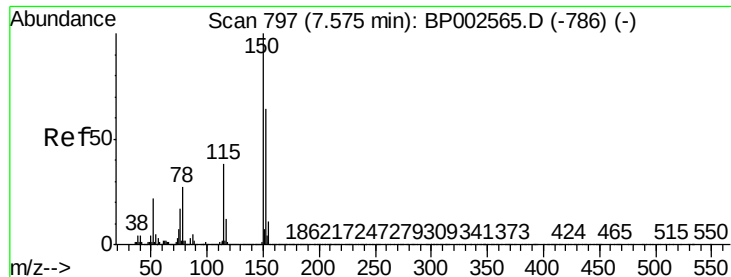
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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MH-D19

Quant Time: Jul 02 00:54:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
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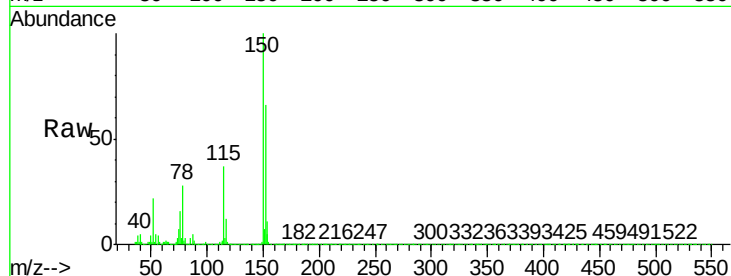


#1

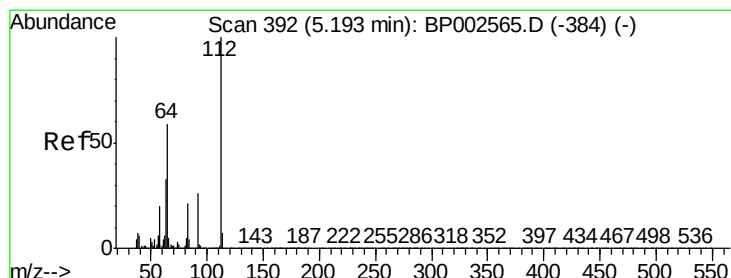
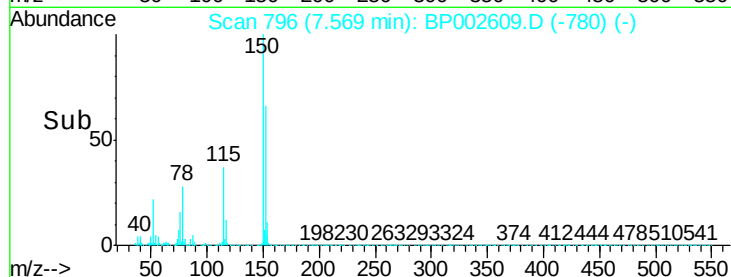
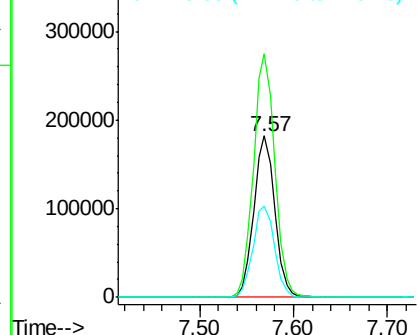
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.2	186.2
115	56.6	47.1	70.7



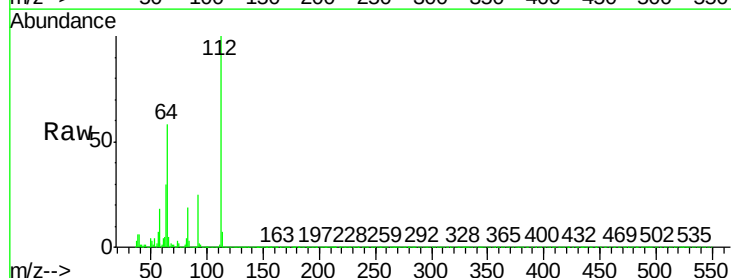
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



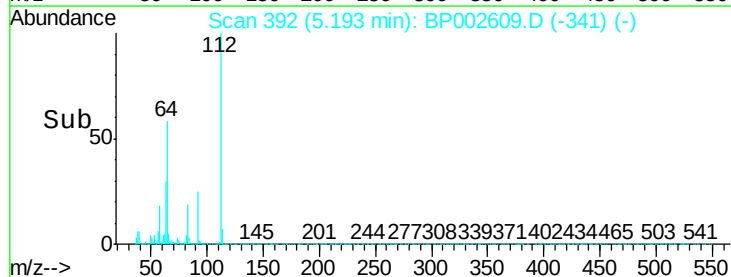
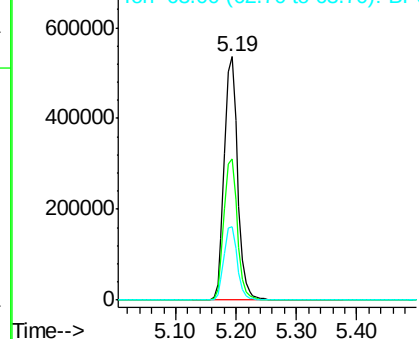
#5

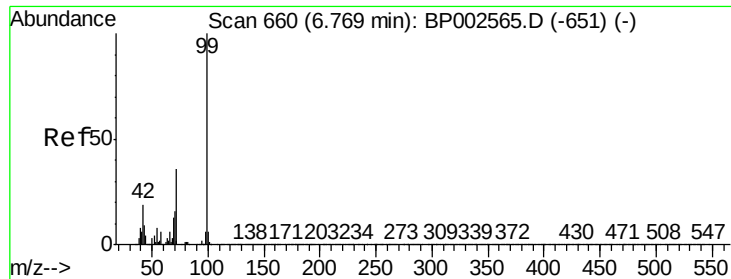
2-Fluorophenol
Concen: 49.317 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.0	70.6
63	30.1	26.1	39.1



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: 28.892 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampled :

MH-D19

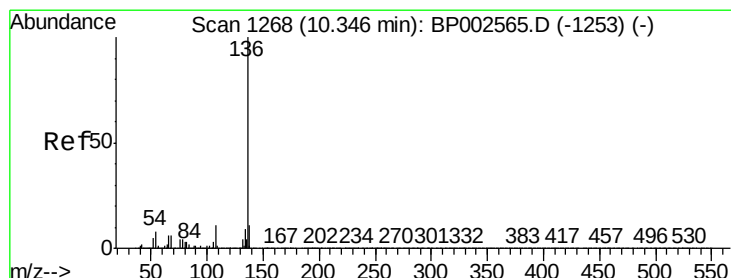
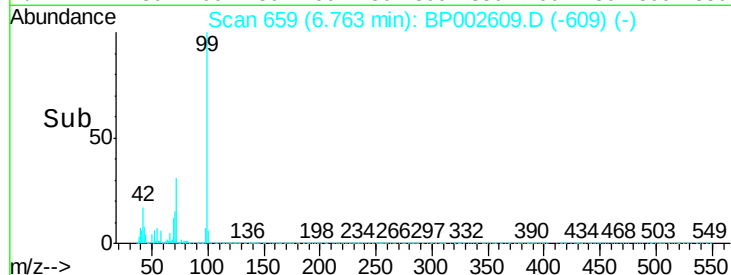
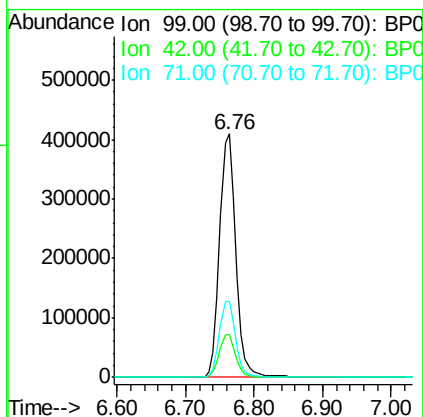
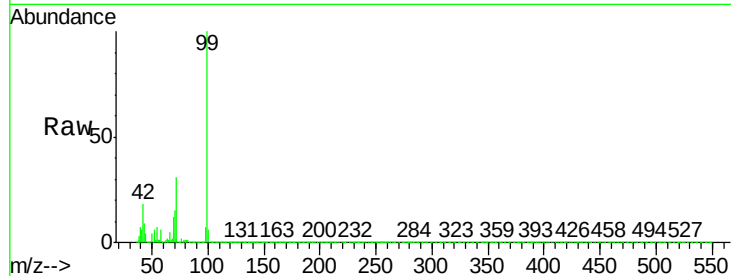
Tot Ion: 99 Resp: 671382

Ion Ratio Lower Upper

99 100

42 17.5 15.5 23.3

71 30.9 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Tgt Ion: 136 Resp: 1089077

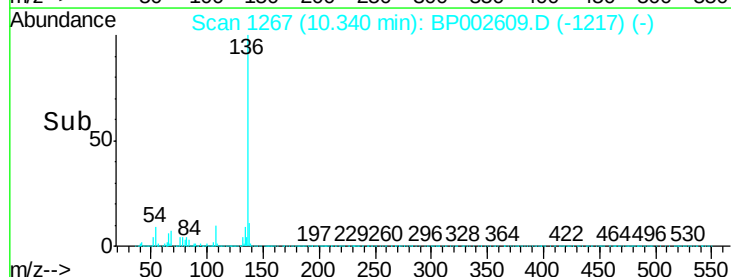
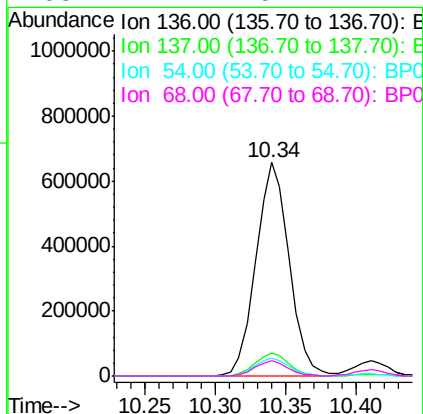
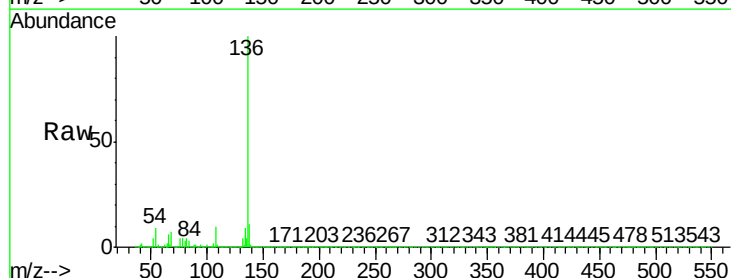
Ion Ratio Lower Upper

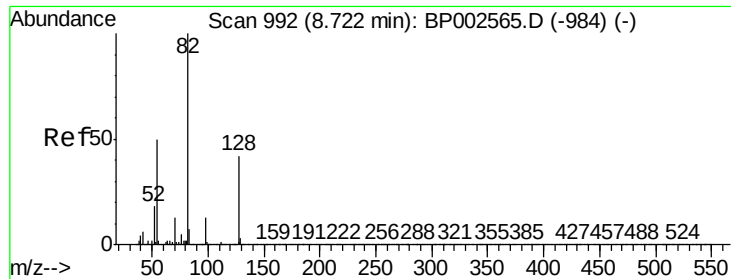
136 100

137 10.9 8.8 13.2

54 8.7 6.4 9.6

68 7.1 5.1 7.7

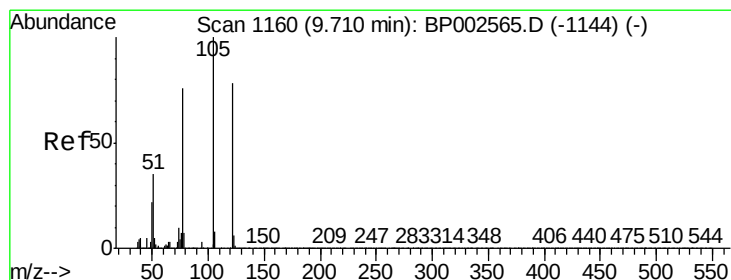
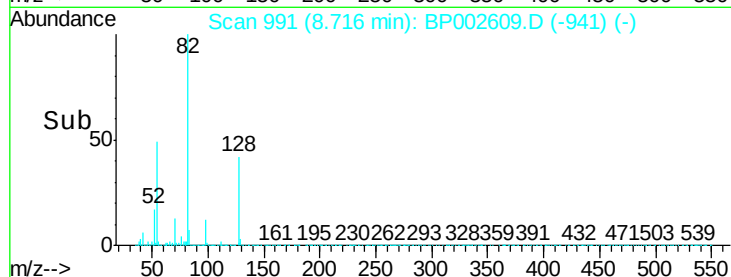
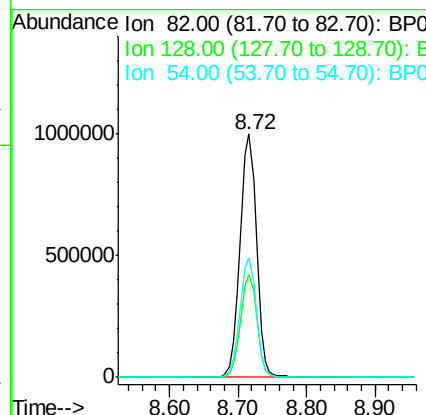
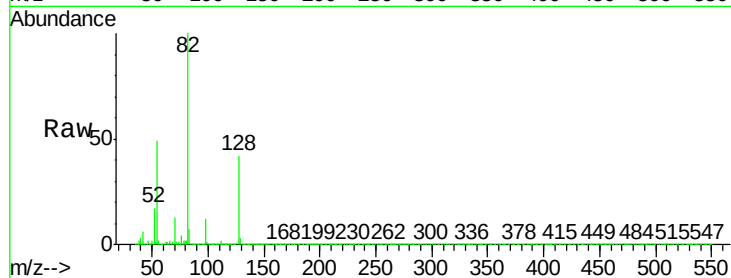




#23
Nitrobenzene-d5
Concen: 78.735 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

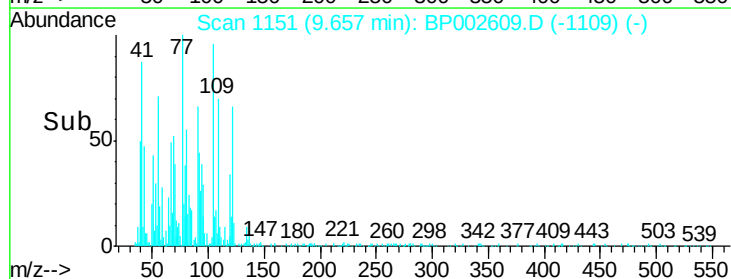
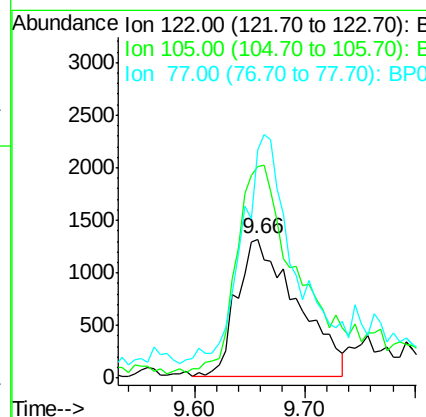
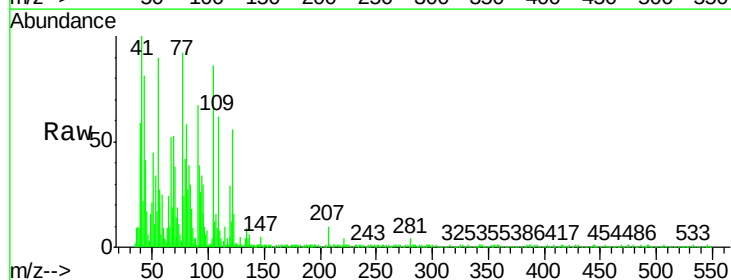
Instrument :
BNA_P
ClientSampled :
MH-D19

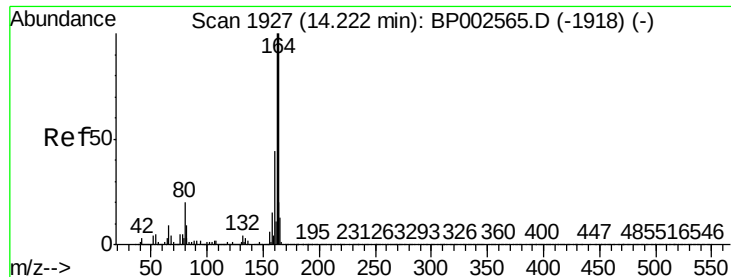
Tot Ion: 82 Resp: 1664211
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 49.0 40.1 60.1



#32
Benzoic acid
Concen: 9.037 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion: 122 Resp: 5005
Ion Ratio Lower Upper
122 100
105 152.9 106.6 146.6#
77 164.1 76.5 116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampleId :

MH-D19

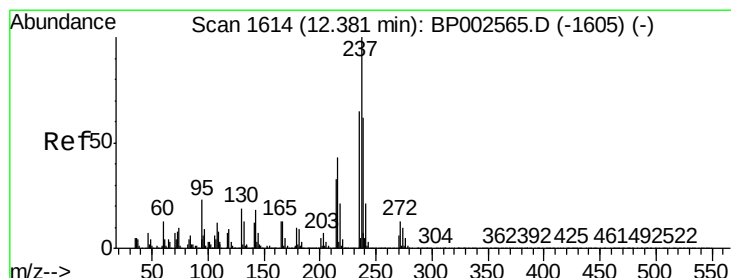
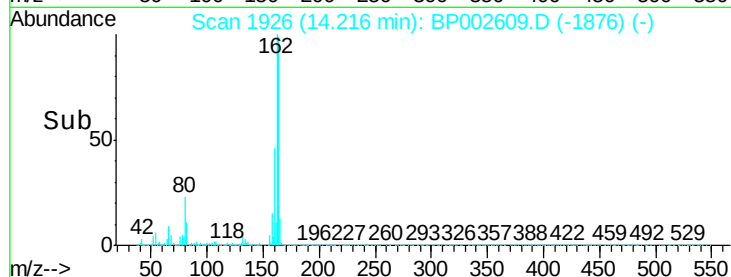
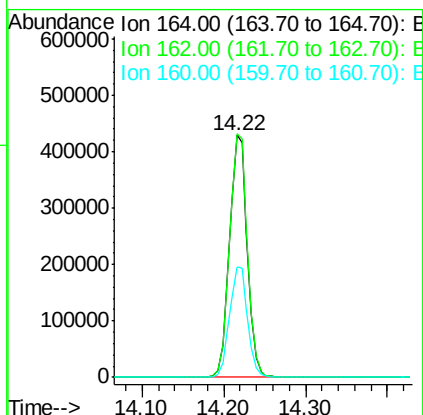
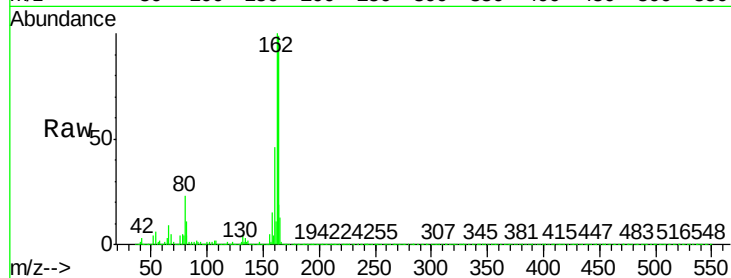
Tot Ion:164 Resp: 644734

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

160 45.9 35.0 52.6



#41

Hexachlorocyclopentadiene

Concen: 4.383 ng

RT: 12.36 min Scan# 1610

Delta R.T. -0.02 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

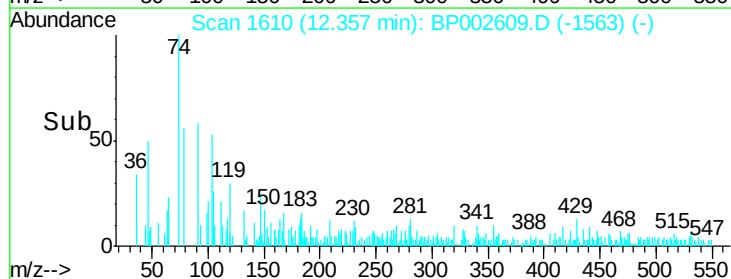
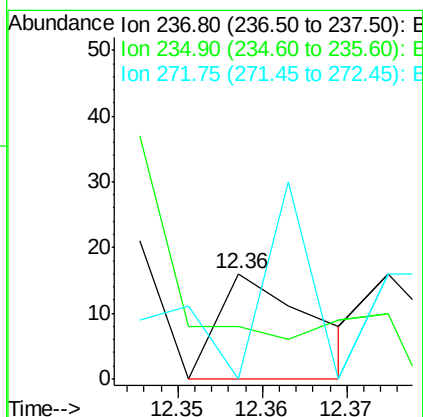
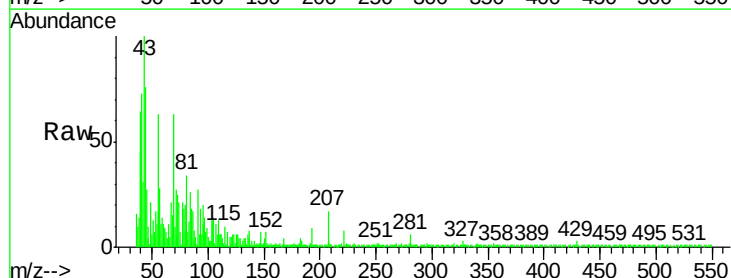
Tgt Ion:237 Resp: 12

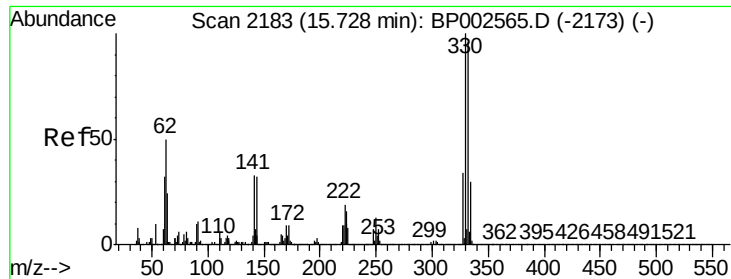
Ion Ratio Lower Upper

237 100

235 50.0 45.4 85.4

272 0.0 0.0 32.6

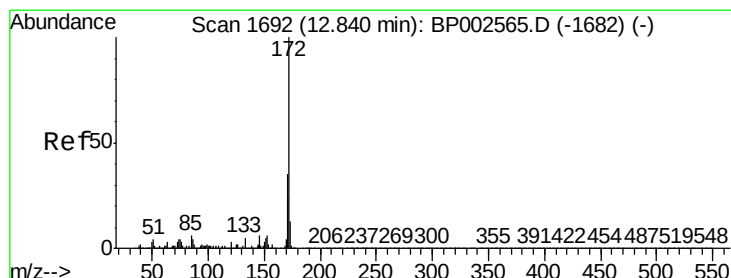
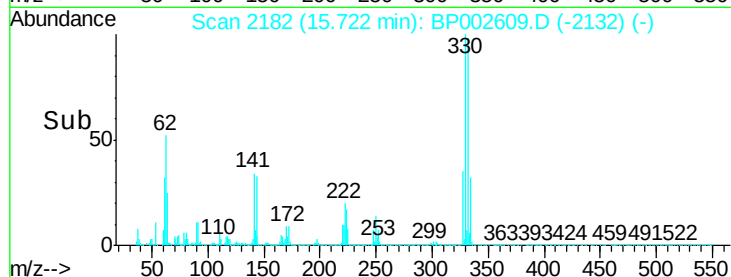
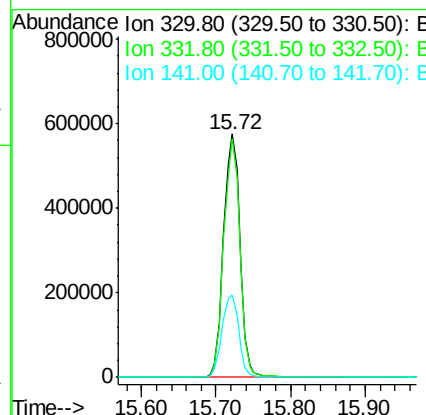
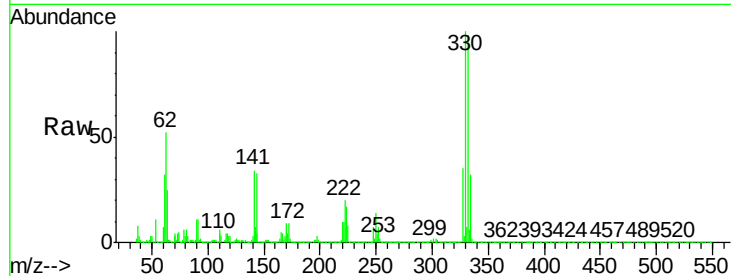




#42
2,4,6-Tribromophenol
Concen: 112.477 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

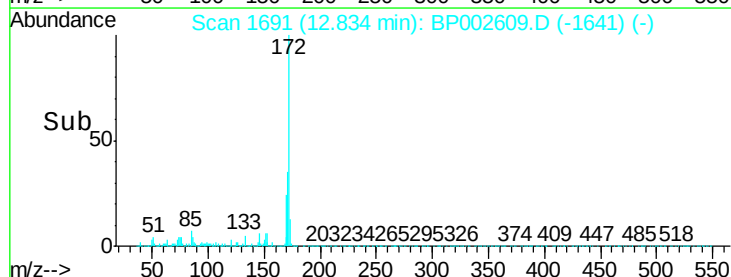
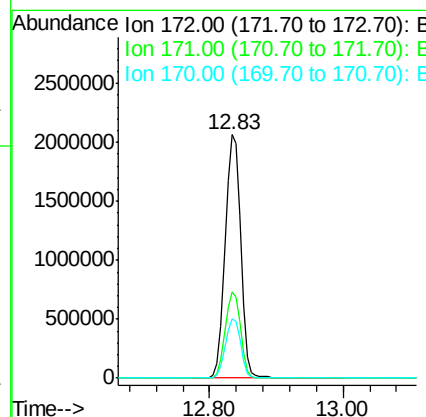
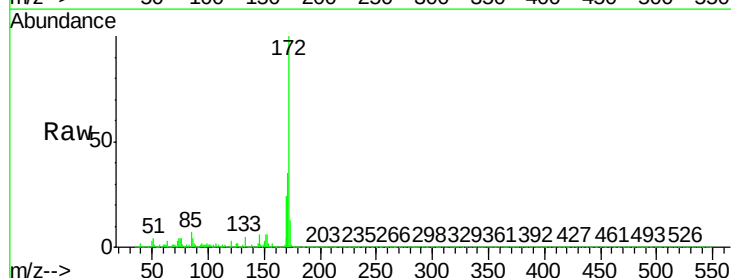
Instrument :
BNA_P
ClientSampleId :
MH-D19

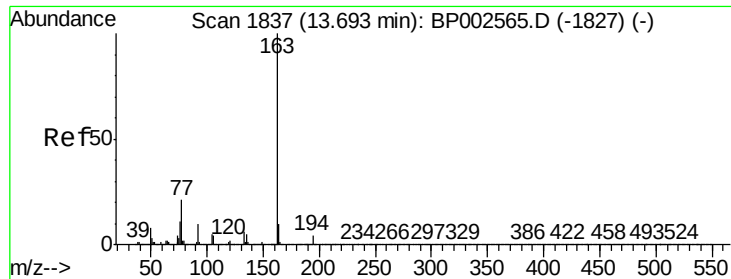
Tot Ion:330 Resp: 882020
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 34.4 29.0 43.6



#45
2-Fluorobiphenyl
Concen: 78.150 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:172 Resp: 3423353
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.1 19.0 28.4





#50

Dimethylphthalate

Concen: 9.943 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampled :

MH-D19

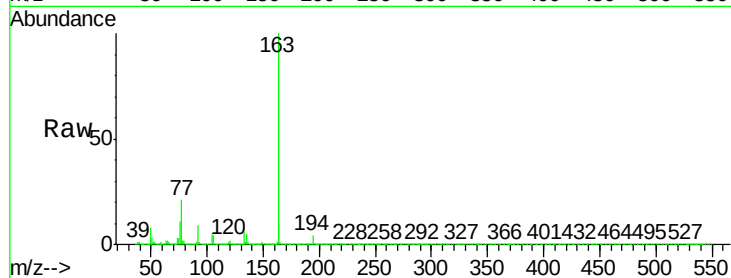
Tot Ion:163 Resp: 503481

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

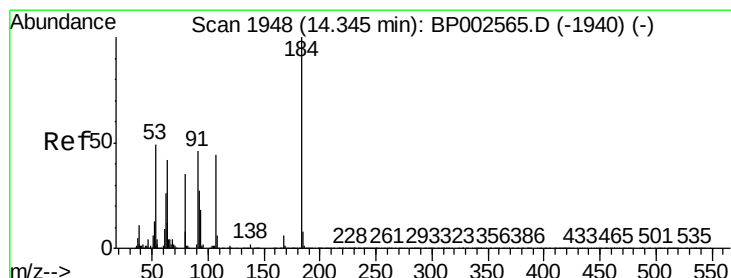
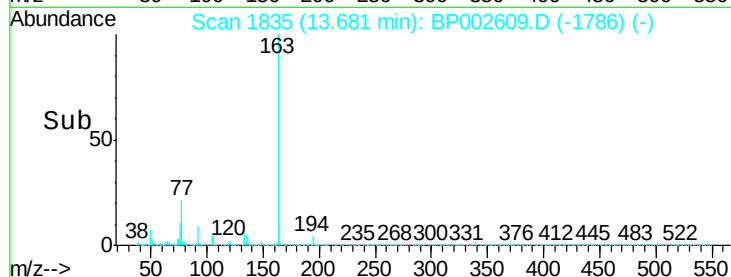
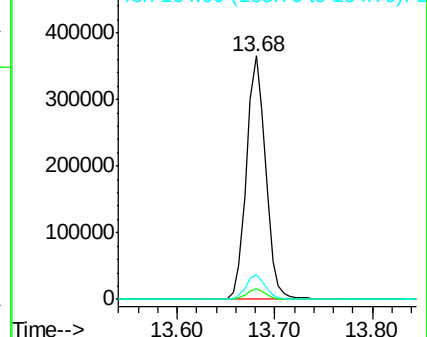
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 6.012 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

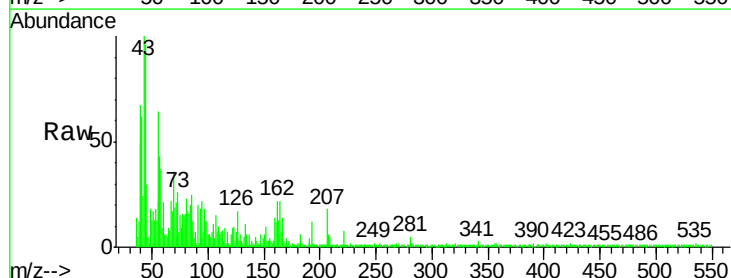
Tgt Ion:184 Resp: 23

Ion Ratio Lower Upper

184 100

63 282.1 56.2 84.2#

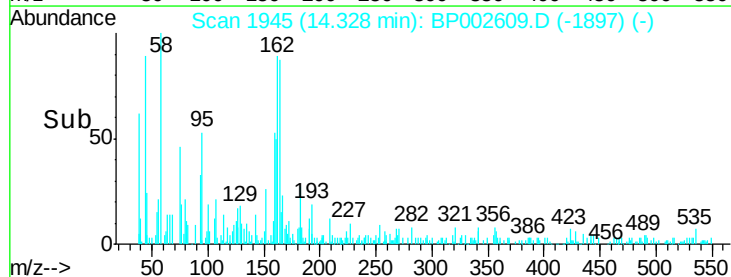
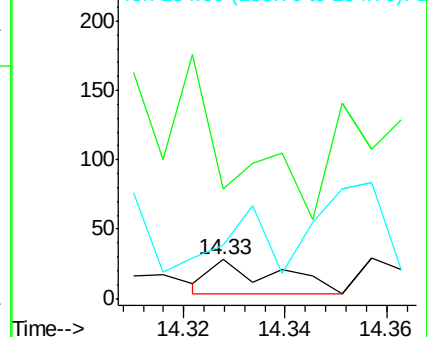
154 135.7 50.9 76.3#

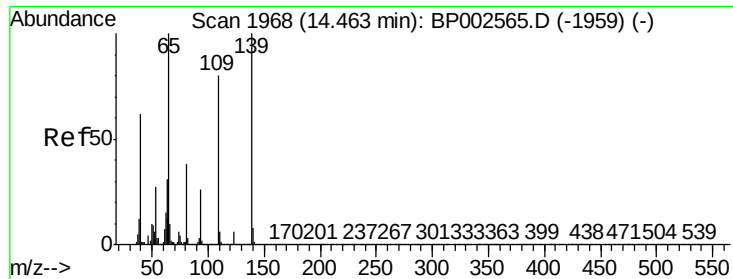


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

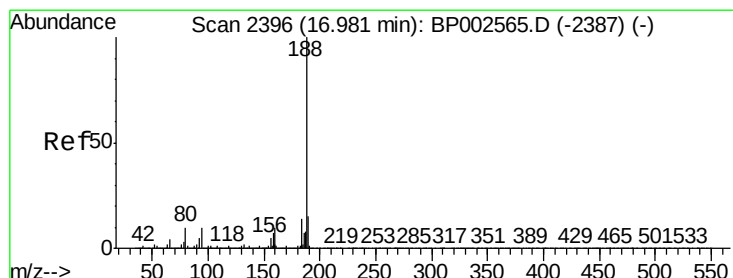
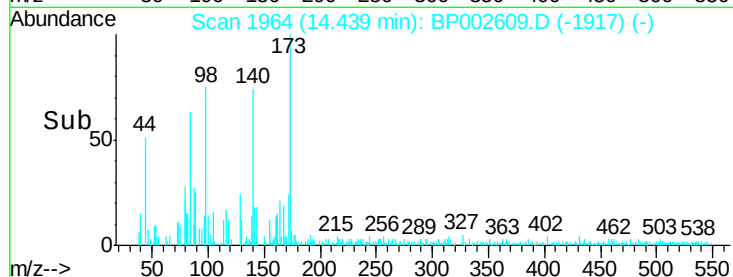
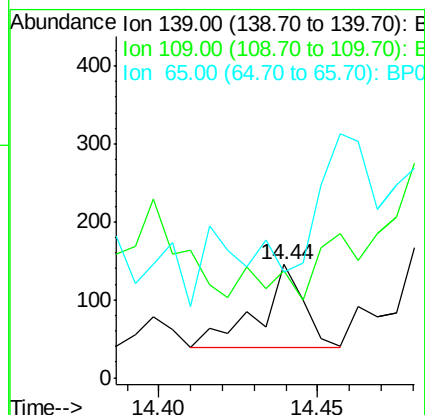
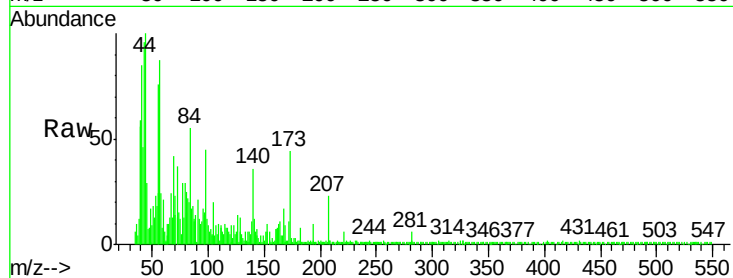




#56
4-Nitrophenol
Concen: 2.447 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

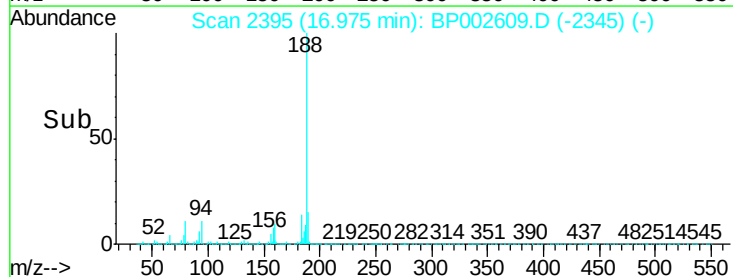
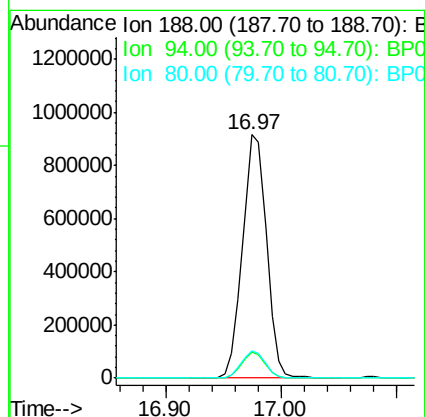
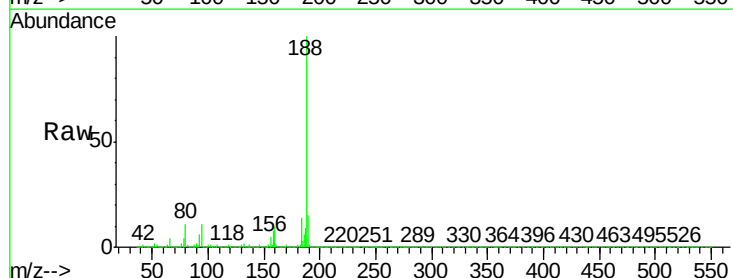
Instrument :
BNA_P
ClientSampleId :
MH-D19

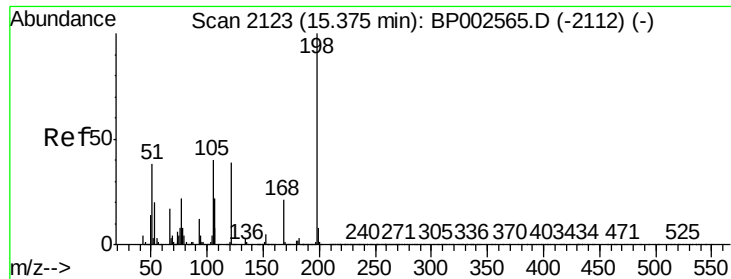
Tot Ion:139 Resp: 106
Ion Ratio Lower Upper
139 100
109 94.5 60.1 100.1
65 93.8 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:188 Resp: 1323184
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.3 8.2 12.4

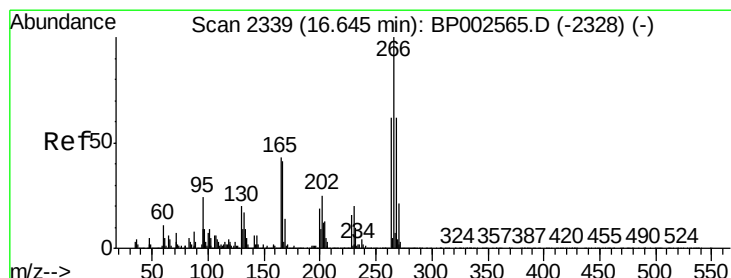
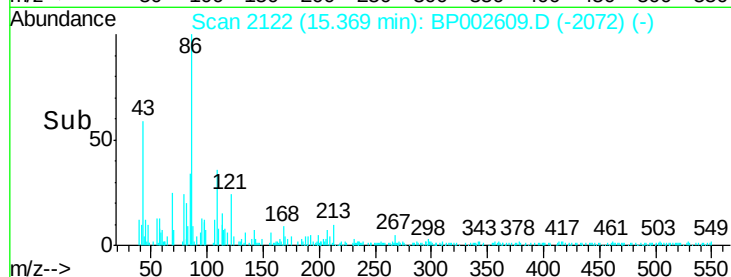
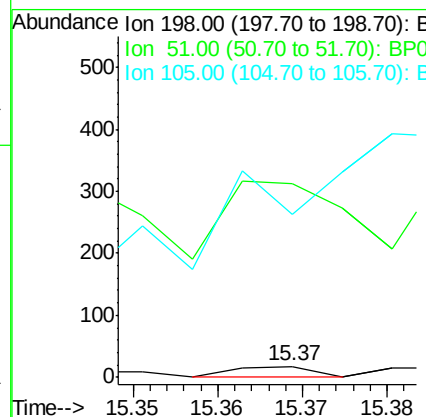
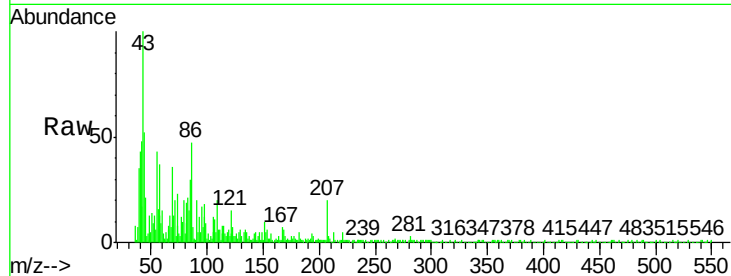




#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

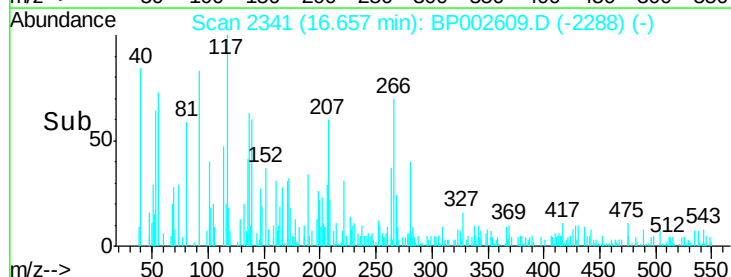
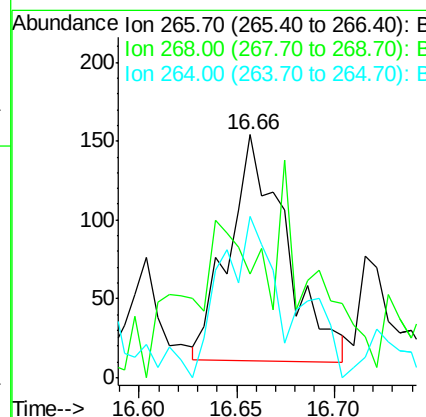
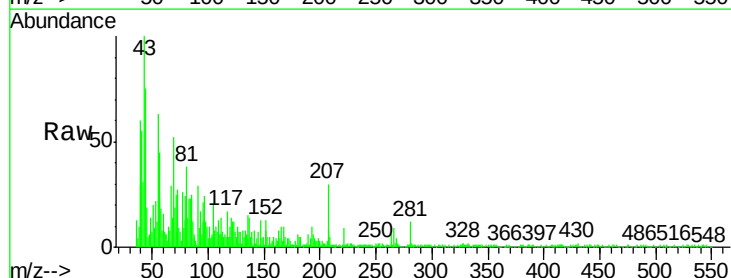
Instrument :
BNA_P
ClientSampleId :
MH-D19

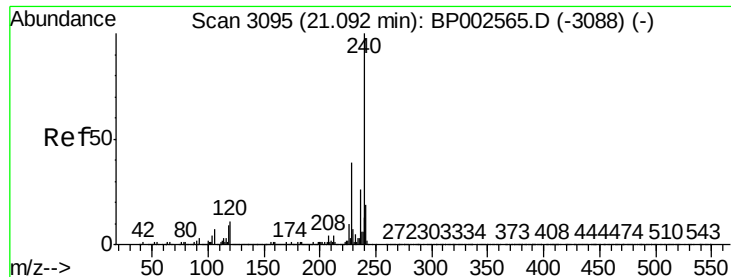
Tot Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1733.3 24.2 64.2#
105 1455.6 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.692 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002609.D
Acq: 01 Jul 2020 17:57

Tgt Ion:266 Resp: 290
Ion Ratio Lower Upper
266 100
268 42.9 49.7 74.5#
264 66.2 49.3 73.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampleId :

MH-D19

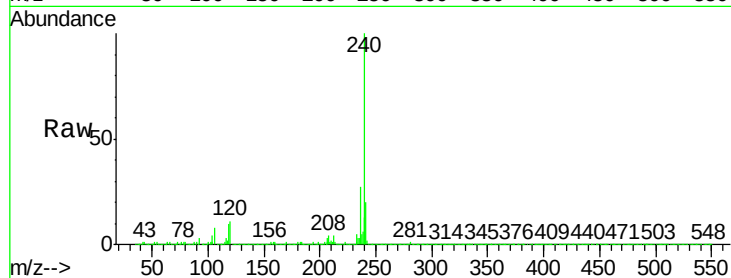
Tot Ion:240 Resp: 1101782

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

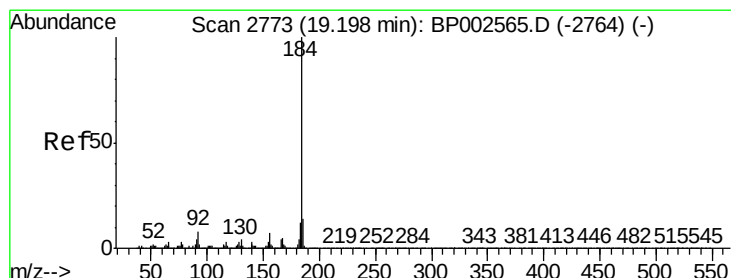
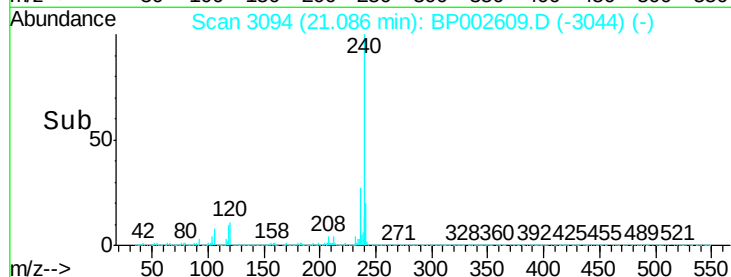
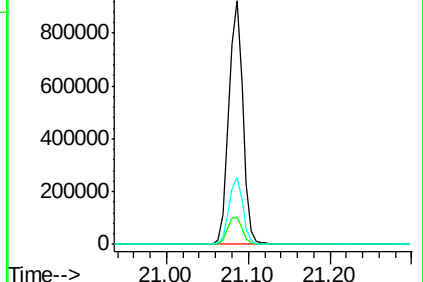
236 27.4 20.8 31.2



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: 3.771 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

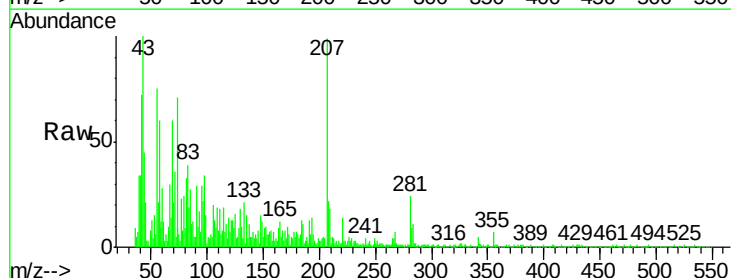
Tgt Ion:184 Resp: 757

Ion Ratio Lower Upper

184 100

185 80.2 11.4 17.2#

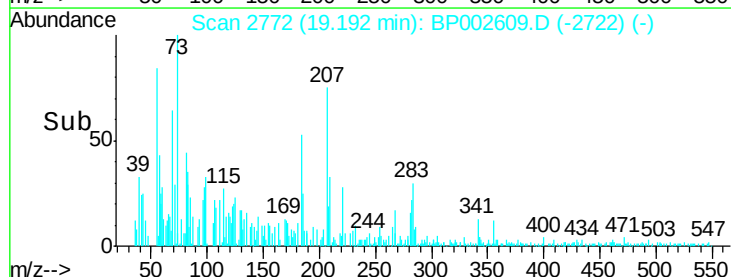
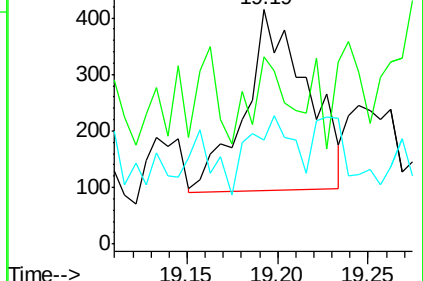
183 44.2 9.2 13.8#

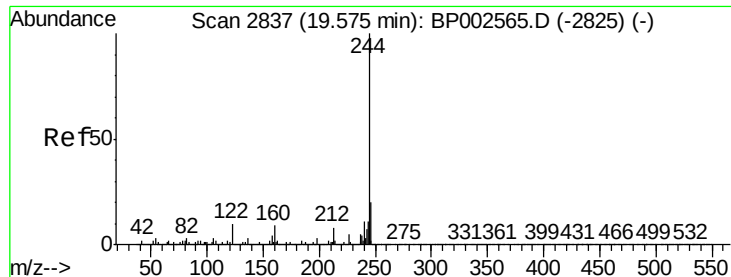


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 83.593 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

Instrument :

BNA_P

ClientSampleId :

MH-D19

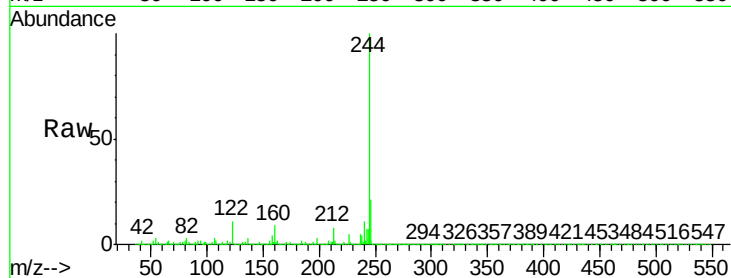
Tot Ion:244 Resp: 4266922

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

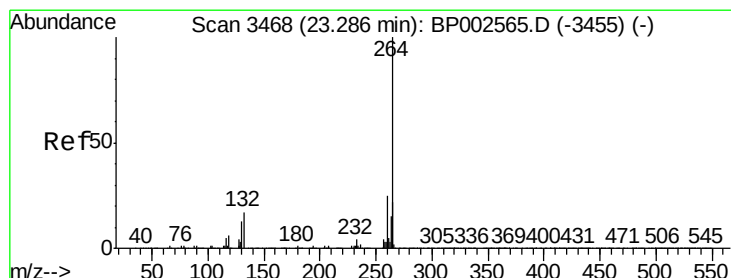
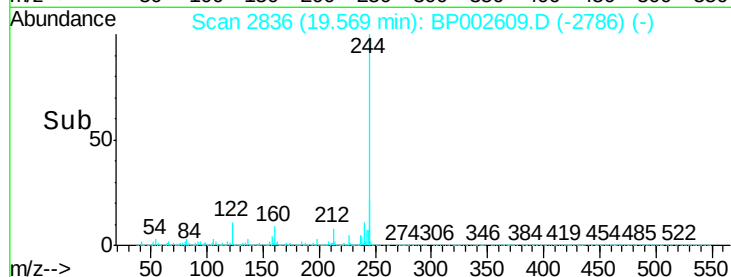
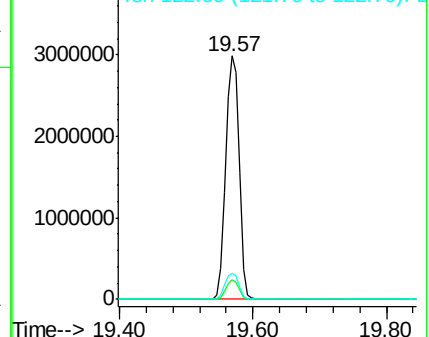
122 10.6 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002609.D

Acq: 01 Jul 2020 17:57

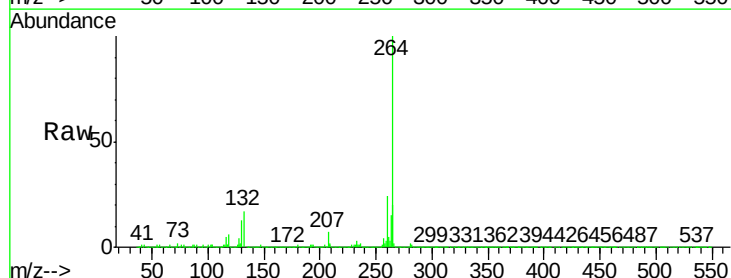
Tgt Ion:264 Resp: 953328

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 20.5 17.6 26.4



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

