

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002618.D
 Acq On : 01 Jul 2020 23:02
 Operator : CG/JU
 Sample : L2811-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-7-063020

Quant Time: Jul 02 01:06:17 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

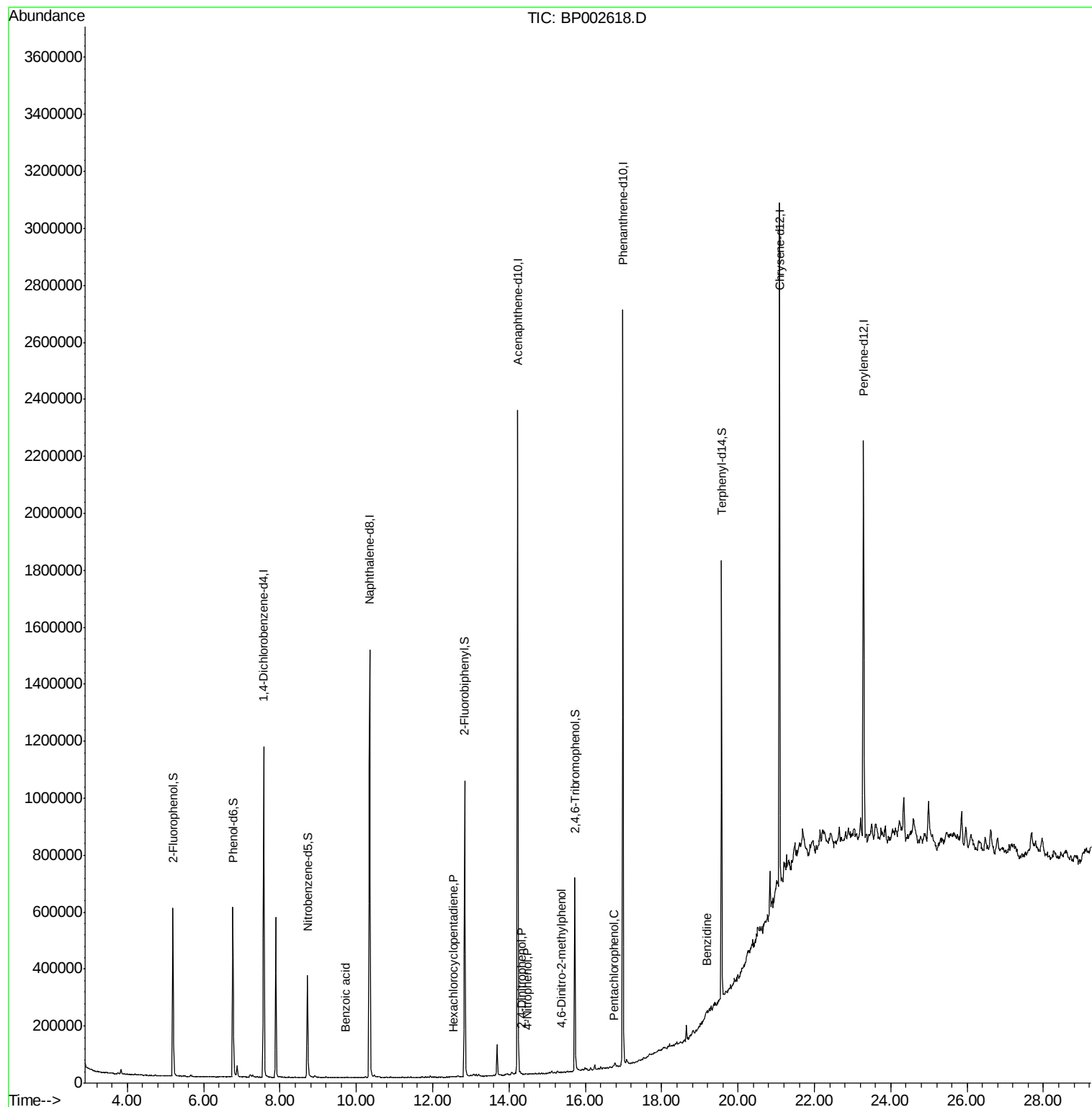
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	322431	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1291791	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	779355	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1554388	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1075487	20.00	ng	0.00
86) Perylene-d12	23.28	264	977780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	282708	14.85	ng	0.00
7) Phenol-d6	6.76	99	383271	14.42	ng	0.00
23) Nitrobenzene-d5	8.72	82	219364	8.75	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	122534	12.93	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	562885	10.63	ng	0.00
79) Terphenyl-d14	19.57	244	722567	14.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	83	Below Cal	Qvalue	# 69
32) Benzoic acid	9.72	122	101	8.705 ng	#	81
41) Hexachlorocyclopentadiene	12.55	237	20	4.383 ng	#	74
54) 2,4-Dinitrophenol	14.32	184	9	6.010 ng	#	1
56) 4-Nitrophenol	14.46	139	153	2.449 ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.36	198	28	2.712 ng	#	1
70) Pentachlorophenol	16.75	266	65	2.668 ng	#	87
77) Benzidine	19.20	184	220	3.761 ng	#	1

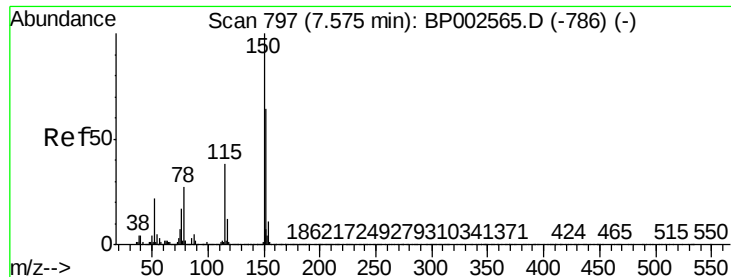
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002618.D
Acq On : 01 Jul 2020 23:02
Operator : CG/JU
Sample : L2811-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-7-063020

Quant Time: Jul 02 01:06:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.57 min Scan# 796

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

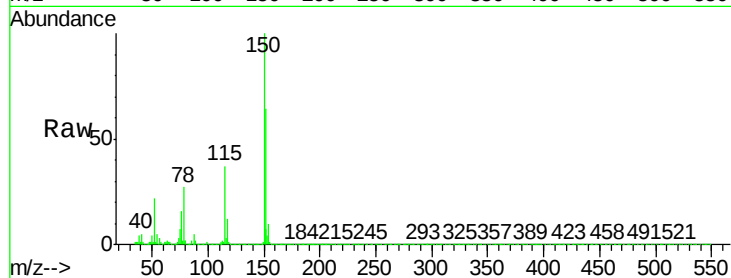
Tot Ion:152 Resp: 322431

Ion Ratio Lower Upper

152 100

150 156.1 124.2 186.2

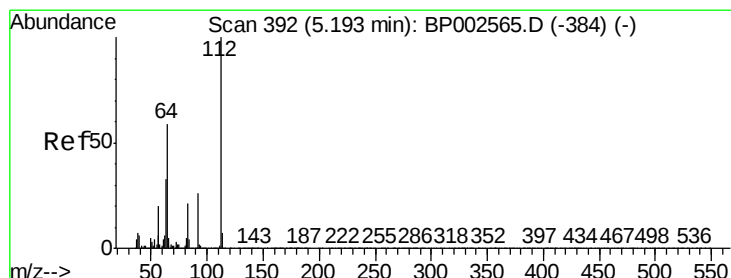
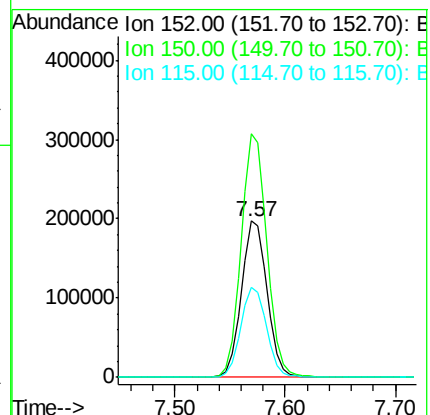
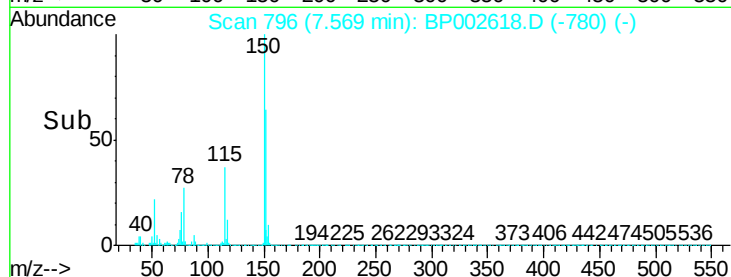
115 58.0 47.1 70.7



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: 14.845 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

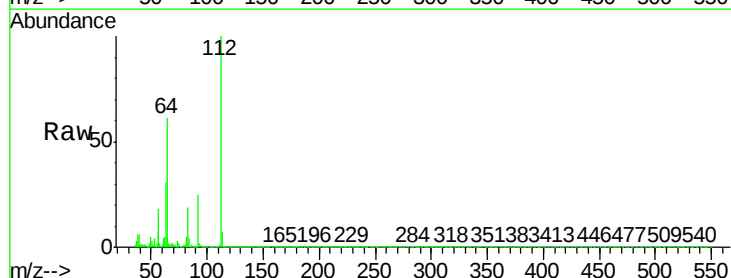
Tgt Ion:112 Resp: 282708

Ion Ratio Lower Upper

112 100

64 60.7 47.0 70.6

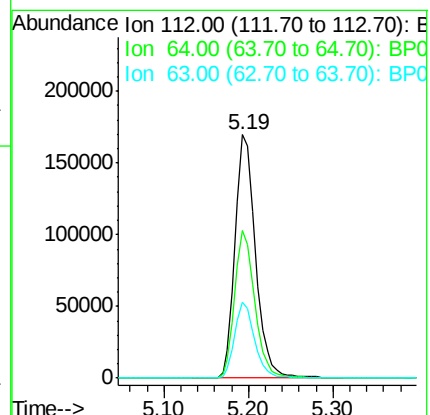
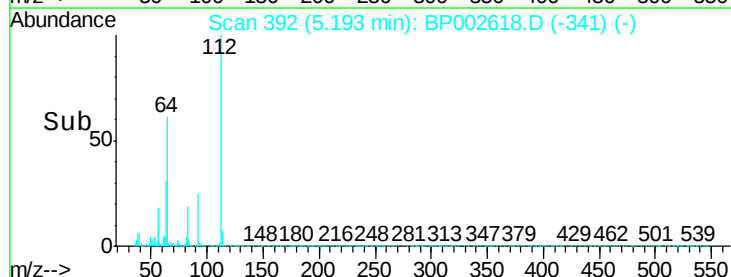
63 31.0 26.1 39.1

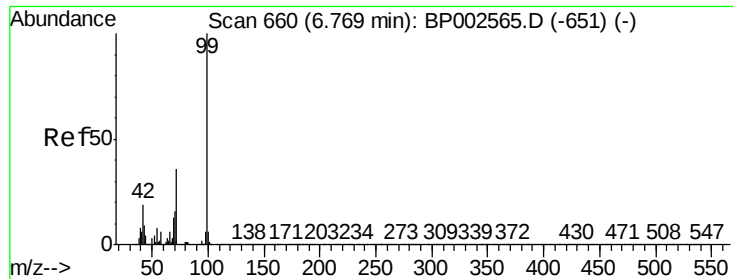


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 14.419 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

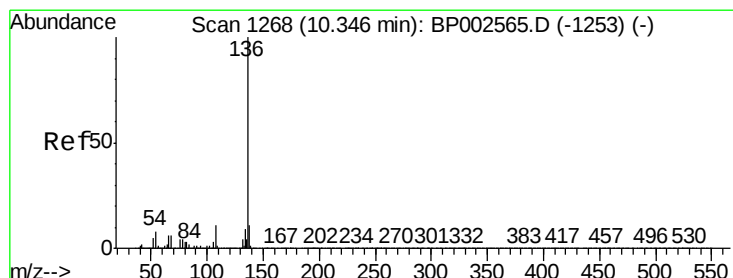
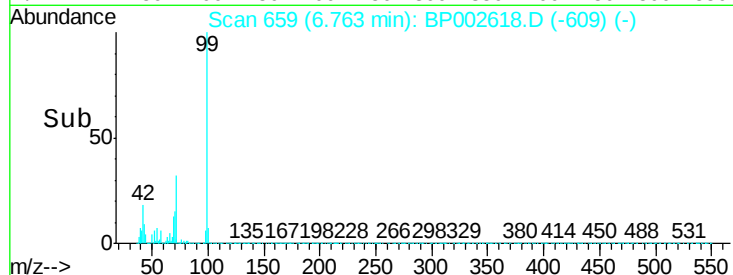
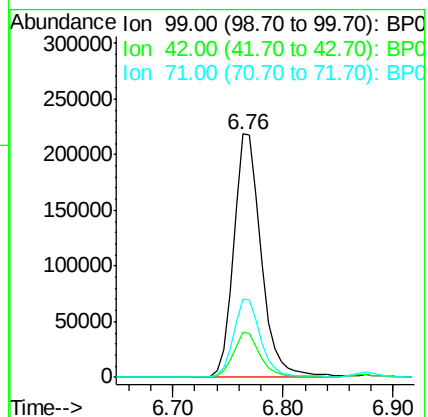
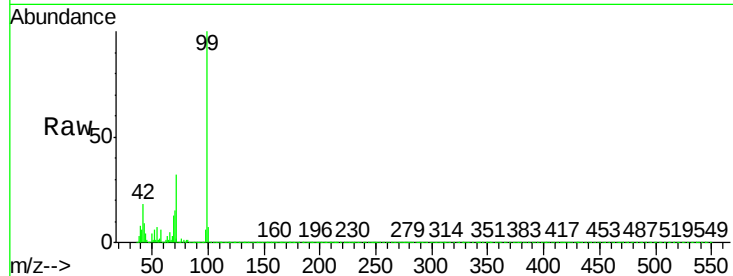
Tot Ion: 99 Resp: 383271

Ion Ratio Lower Upper

99 100

42 18.4 15.5 23.3

71 32.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Tgt Ion: 136 Resp: 1291791

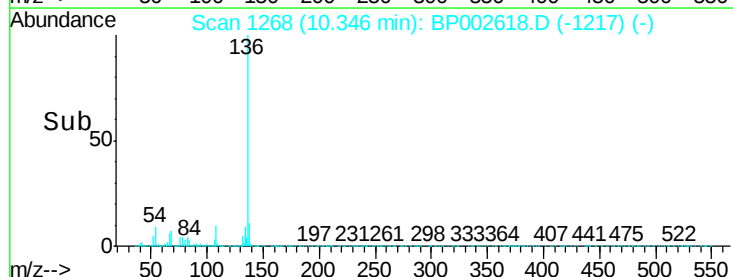
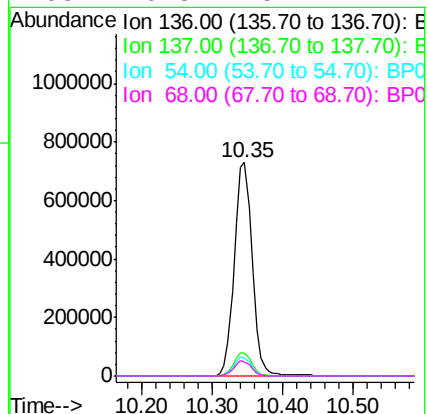
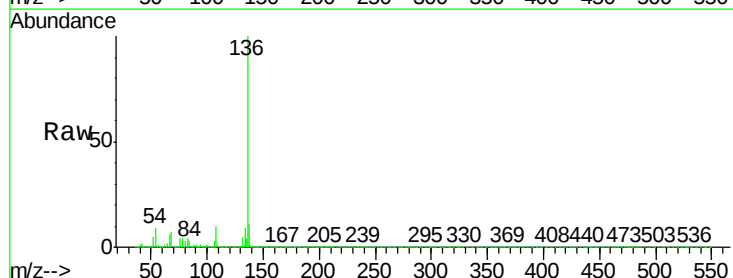
Ion Ratio Lower Upper

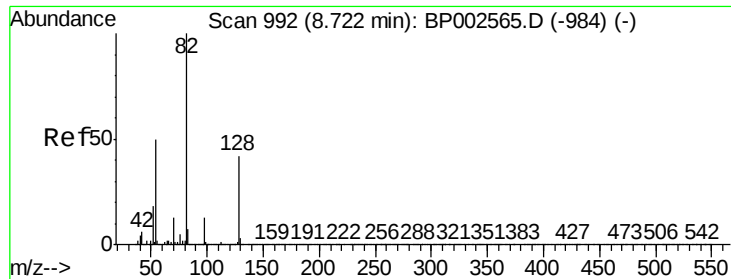
136 100

137 10.9 8.8 13.2

54 8.5 6.4 9.6

68 6.8 5.1 7.7

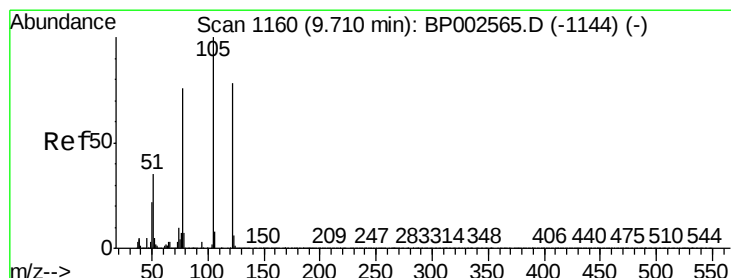
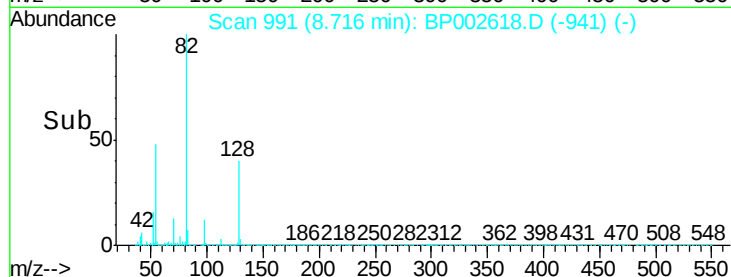
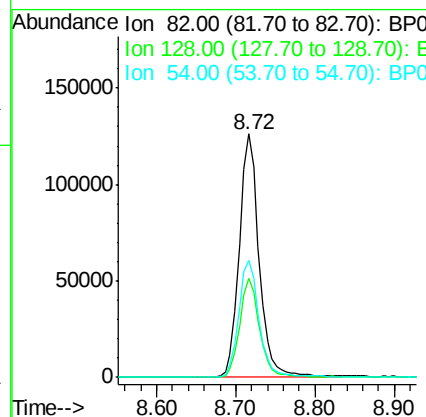
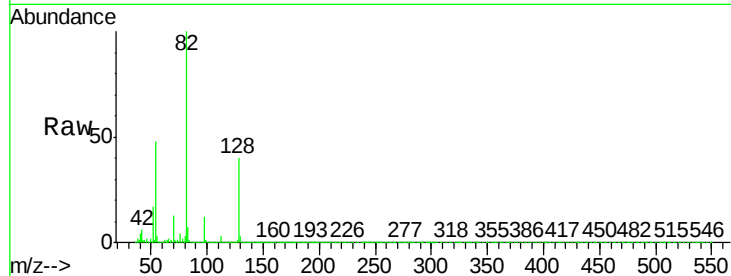




#23
Nitrobenzene-d5
Concen: 8.750 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

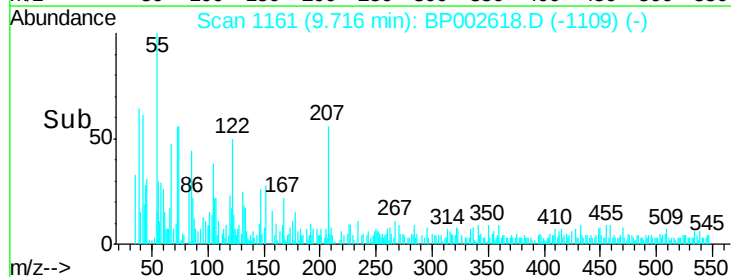
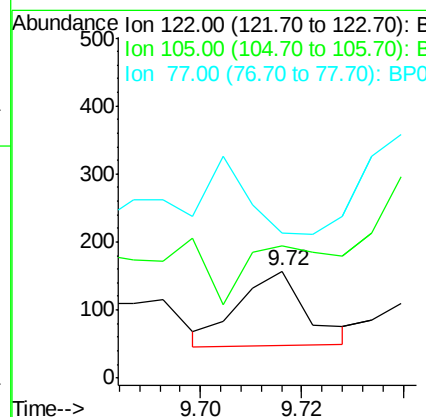
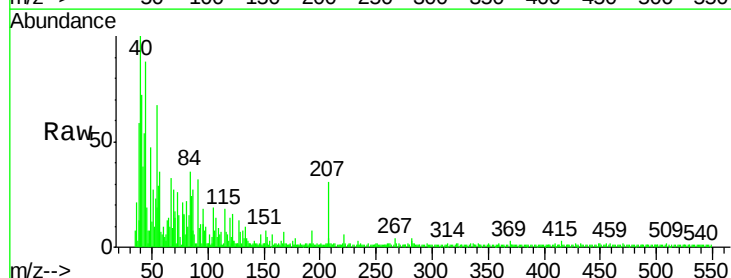
Instrument :
BNA_P
ClientSampleId :
NB-7-063020

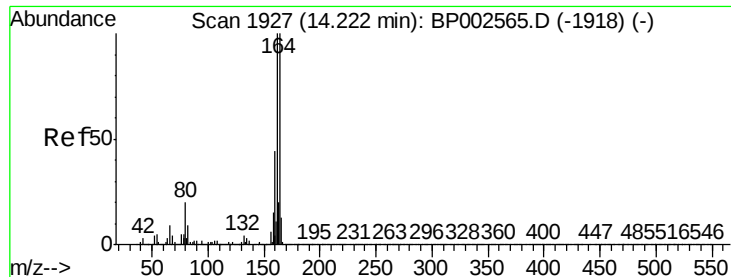
Tot Ion	82	Resp	219364
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.4	50.2
54	48.2	40.1	60.1



#32
Benzoic acid
Concen: 8.705 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

Tgt Ion	122	Resp	101
Ion Ratio	Lower	Upper	
122	100		
105	124.2	106.6	146.6
77	136.3	76.5	116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

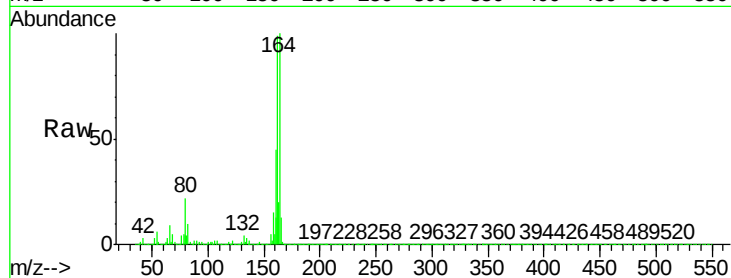
Tot Ion:164 Resp: 779355

Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

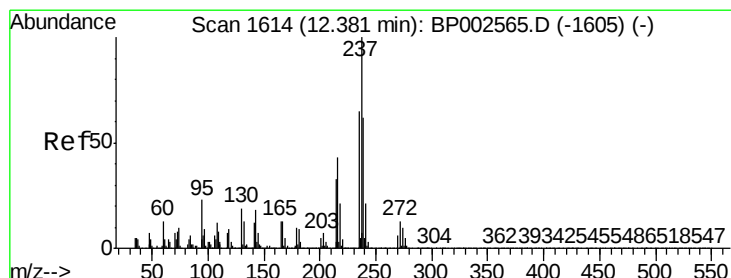
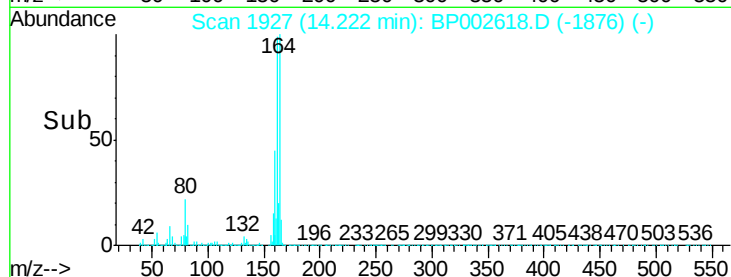
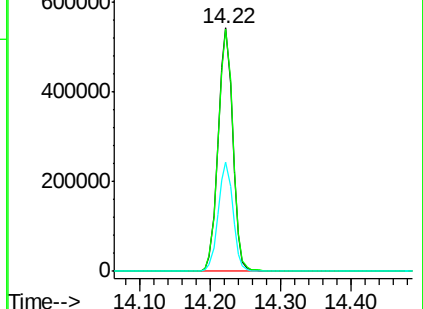
160 44.7 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 4.383 ng

RT: 12.55 min Scan# 1642

Delta R.T. 0.17 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

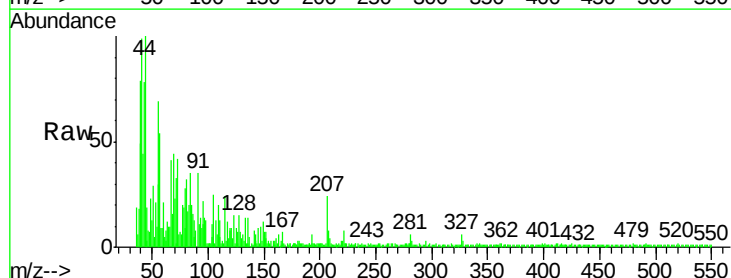
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 45.8 45.4 85.4

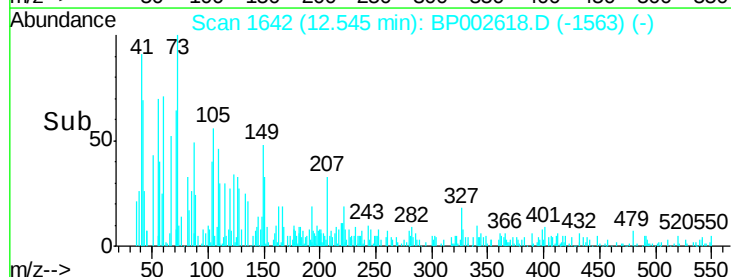
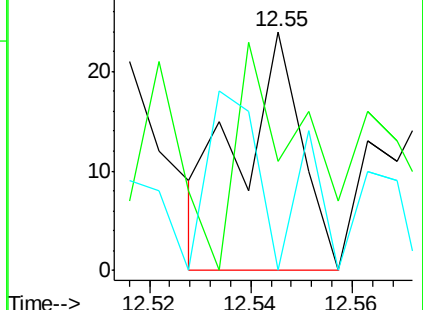
272 0.0 0.0 32.6

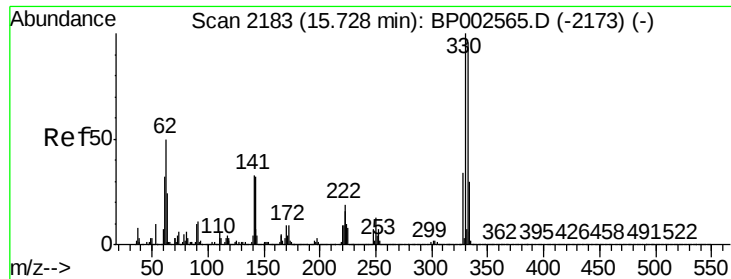


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

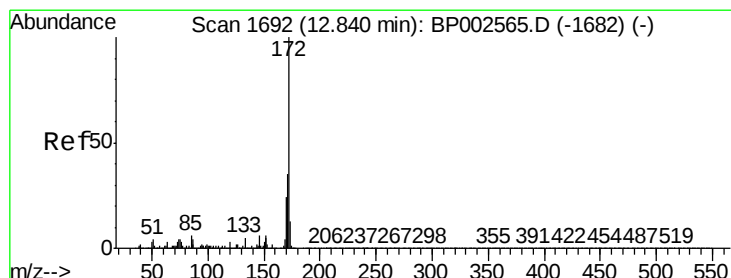
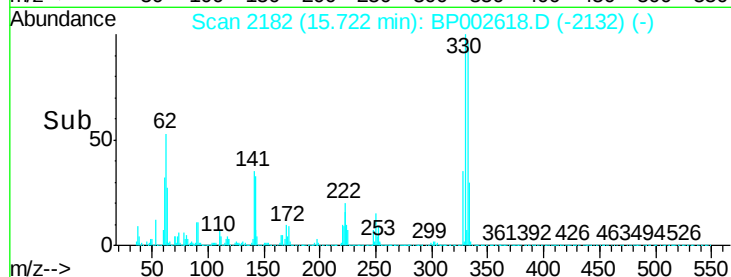
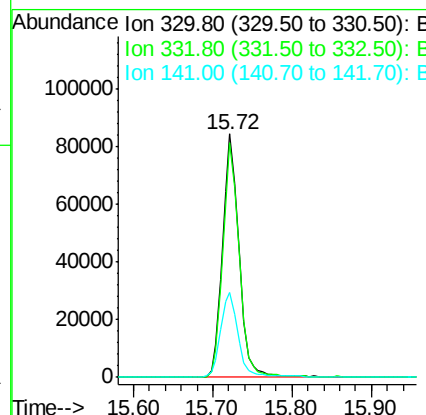
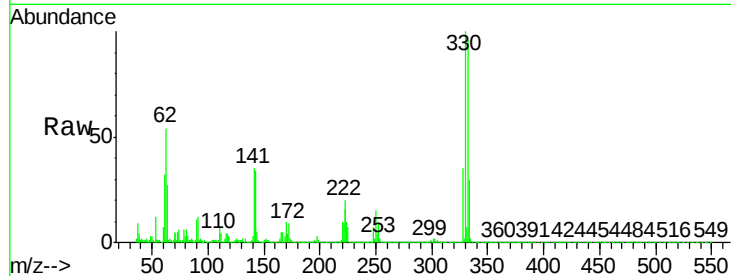




#42
2,4,6-Tribromophenol
Concen: 12.927 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

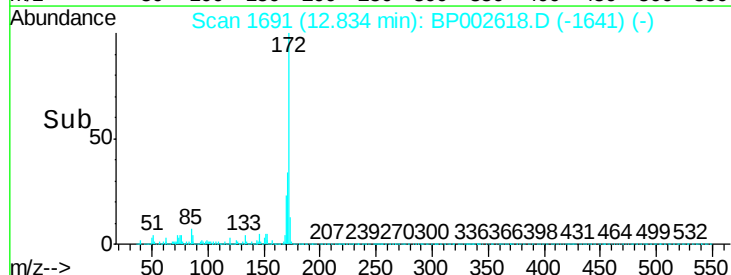
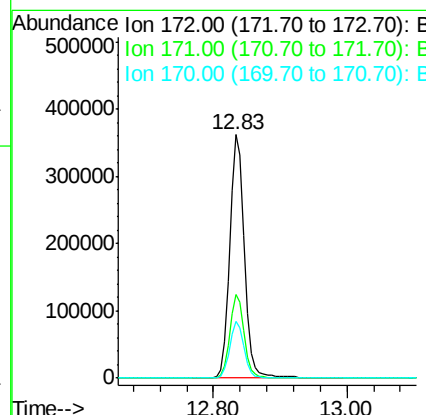
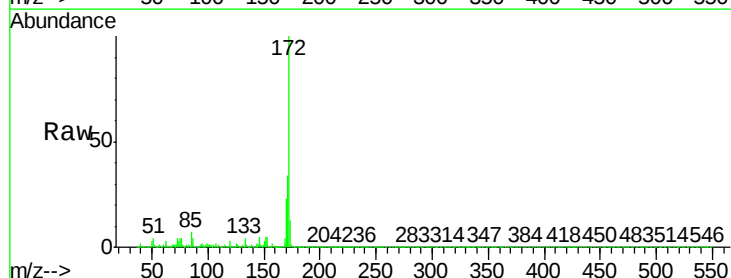
Instrument :
BNA_P
ClientSampled :
NB-7-063020

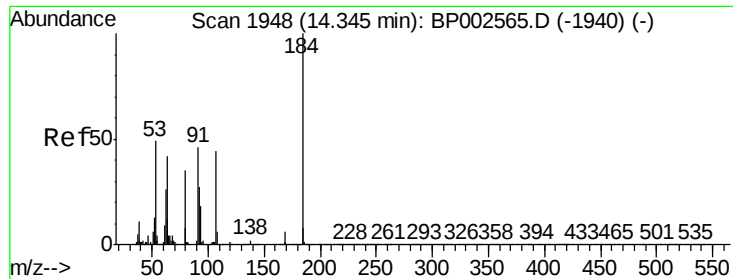
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	36.2	29.0	43.6



#45
2-Fluorobiphenyl
Concen: 10.630 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.0	42.0
170	23.4	19.0	28.4

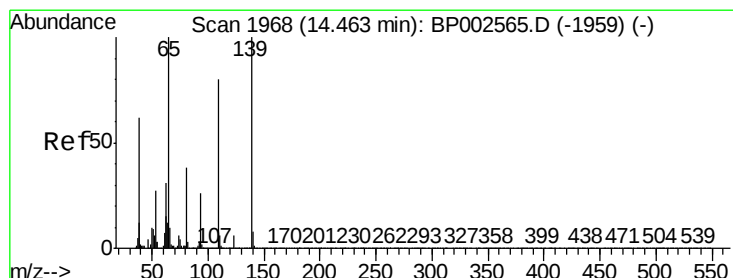
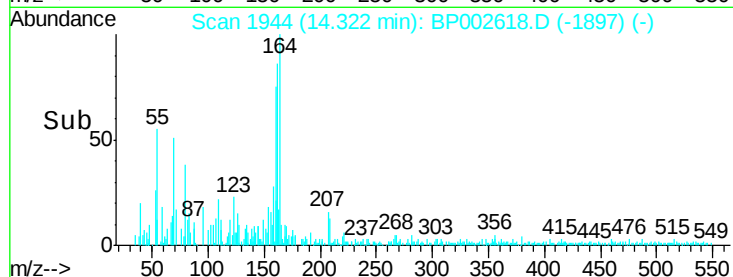
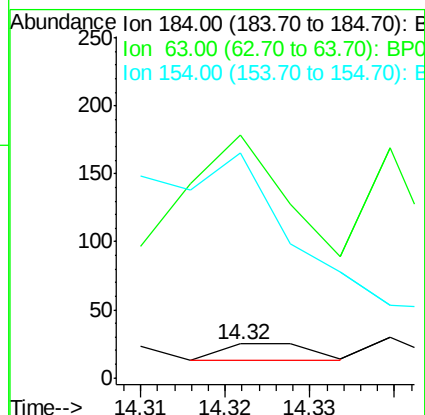
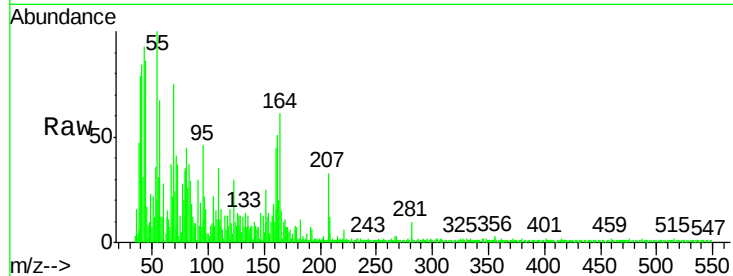




#54
2,4-Dinitrophenol
Concen: 6.010 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

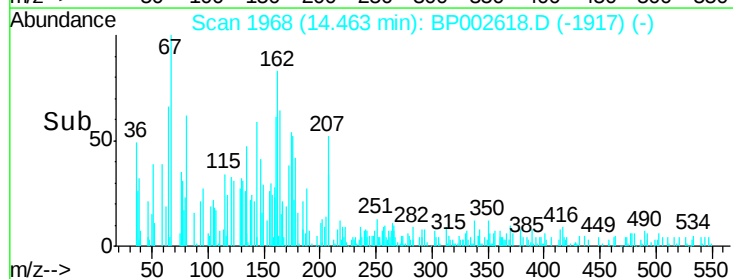
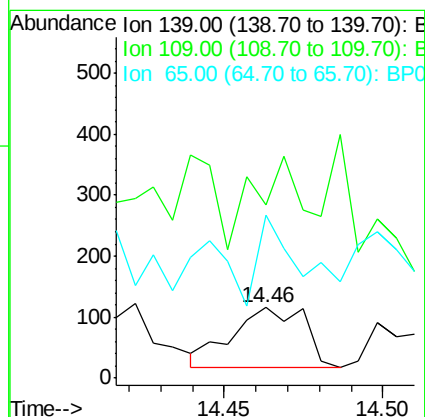
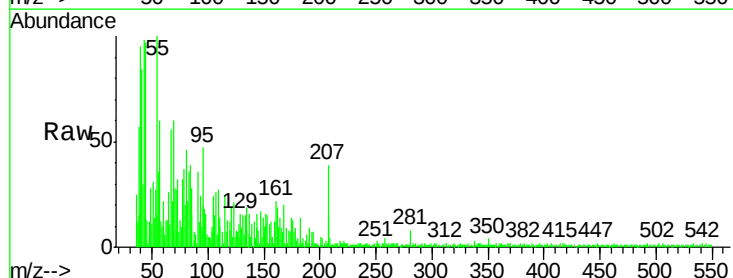
Instrument :
BNA_P
ClientSampleId :
NB-7-063020

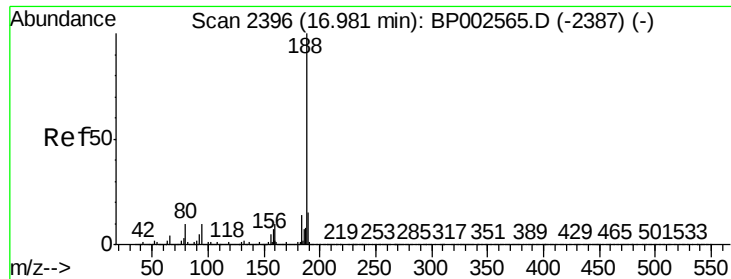
Tot Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 716.0 56.2 84.2#
154 660.0 50.9 76.3#



#56
4-Nitrophenol
Concen: 2.449 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

Tgt Ion:139 Resp: 153
Ion Ratio Lower Upper
139 100
109 244.8 60.1 100.1#
65 230.2 80.3 120.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

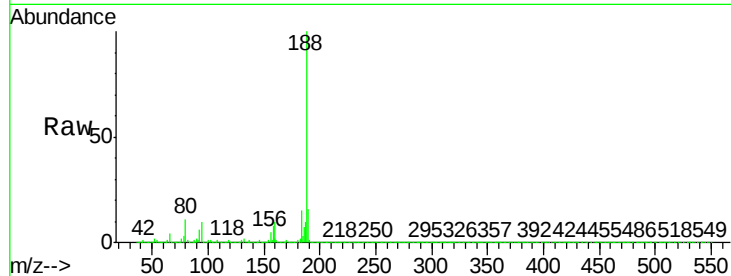
Tot Ion:188 Resp: 1554388

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

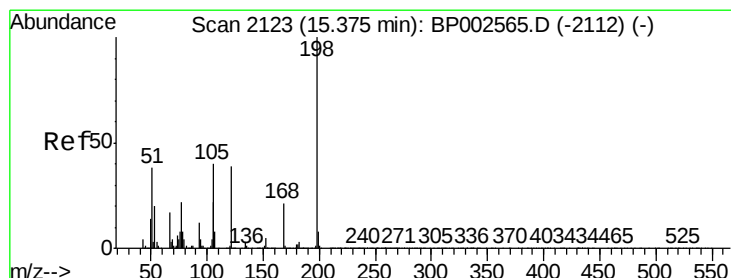
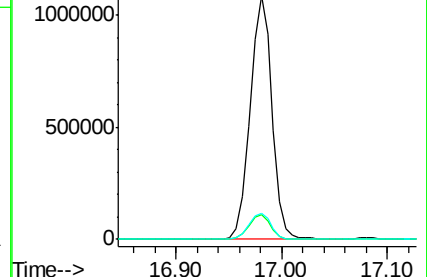
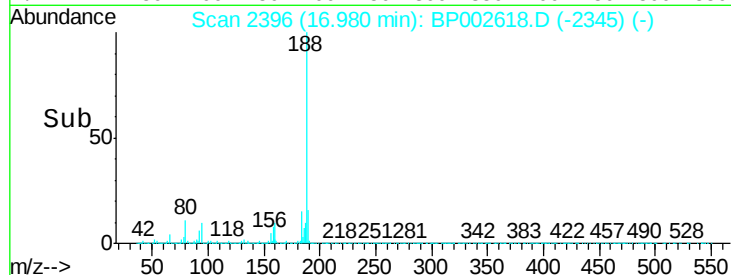
80 10.8 8.2 12.4



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: 2.712 ng

RT: 15.36 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

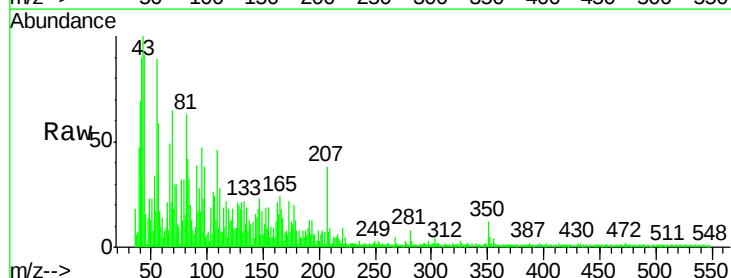
Tgt Ion:198 Resp: 28

Ion Ratio Lower Upper

198 100

51 913.8 24.2 64.2#

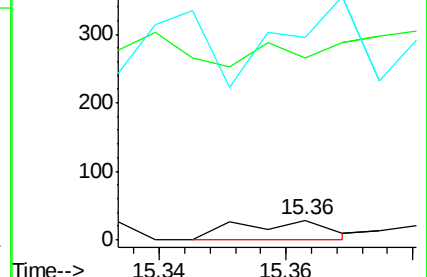
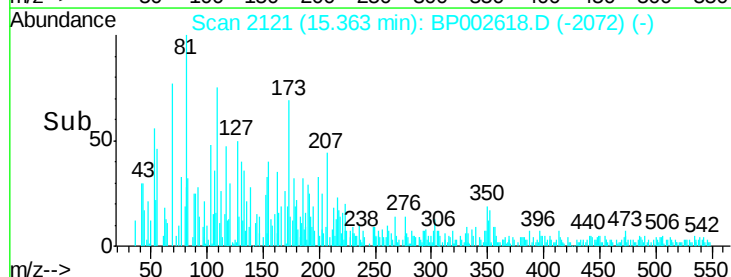
105 1017.2 20.7 60.7#

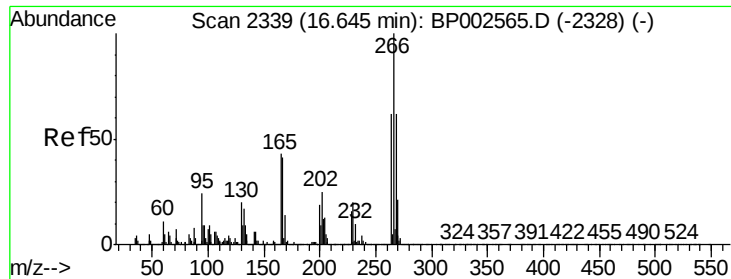


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#70

Pentachlorophenol

Concen: 2.668 ng

RT: 16.75 min Scan# 2357

Delta R.T. 0.11 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

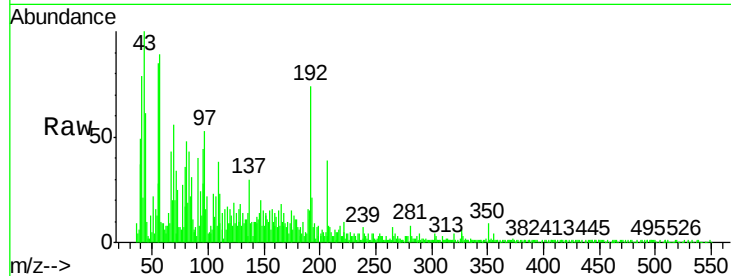
Tot Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 54.4 49.7 74.5

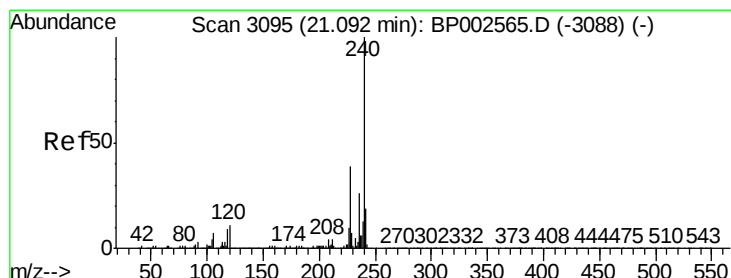
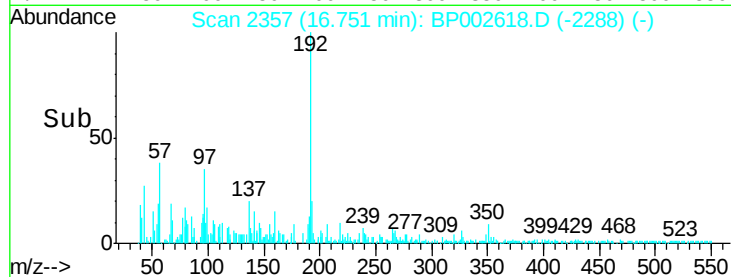
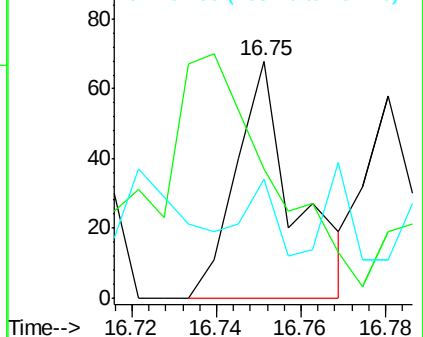
264 50.0 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

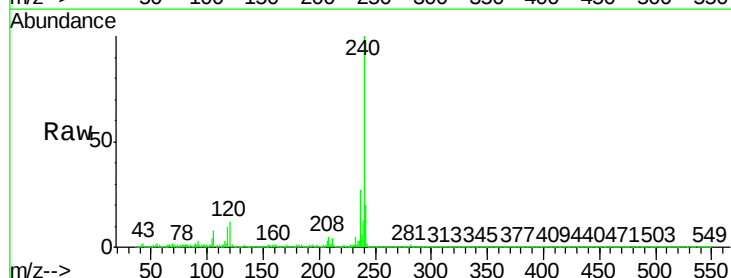
Tgt Ion:240 Resp: 1075487

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

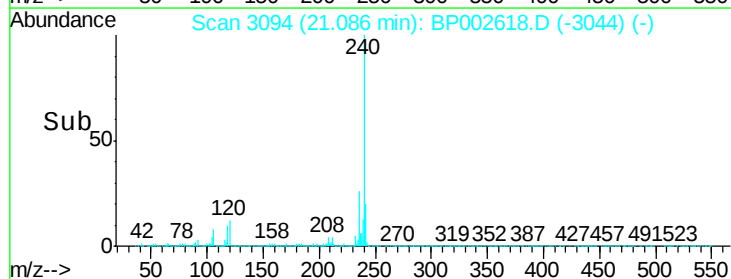
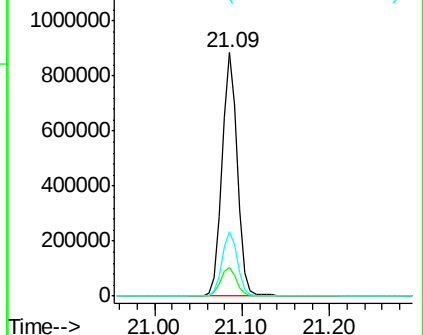
236 26.5 20.8 31.2

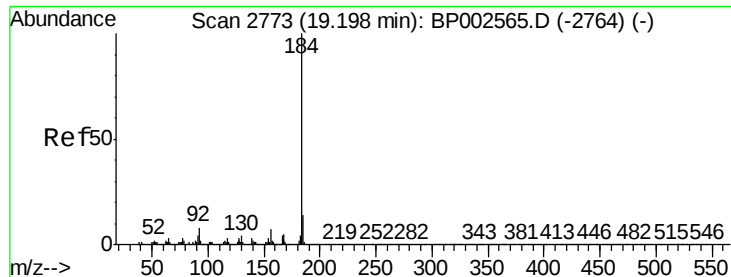


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.761 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

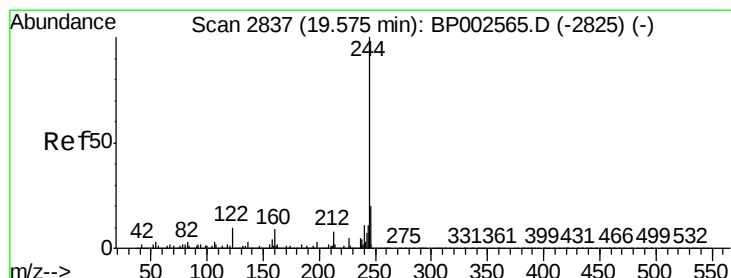
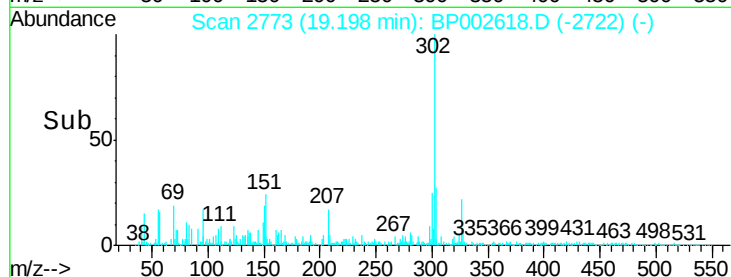
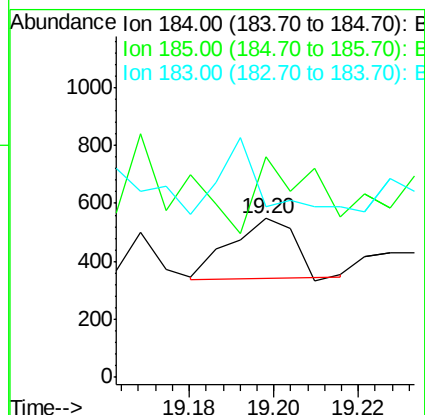
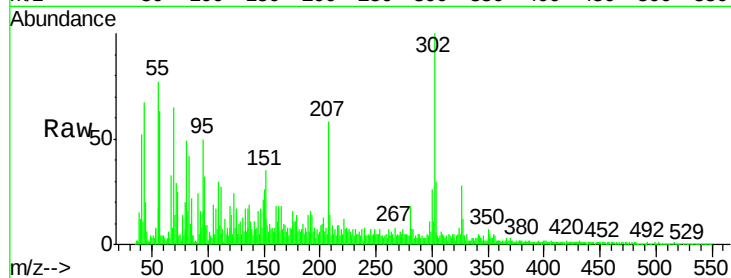
Tot Ion:184 Resp: 220

Ion Ratio Lower Upper

184 100

185 139.0 11.4 17.2#

183 106.9 9.2 13.8#



#79

Terphenyl-d14

Concen: 14.502 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

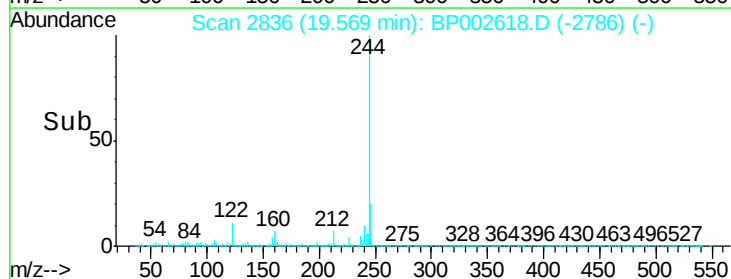
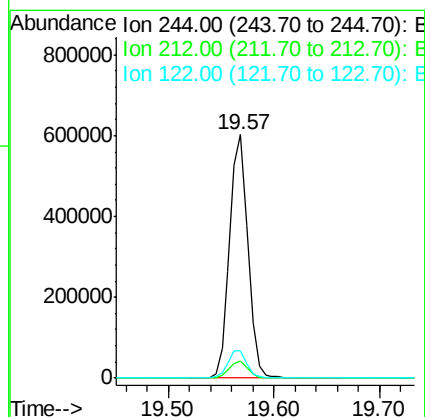
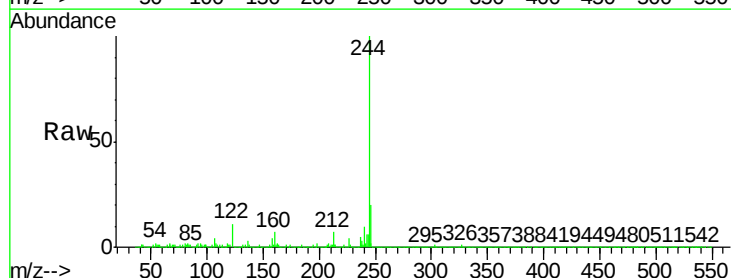
Tgt Ion:244 Resp: 722567

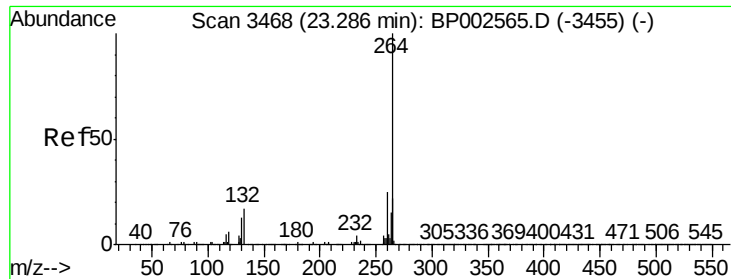
Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

122 11.1 7.9 11.9



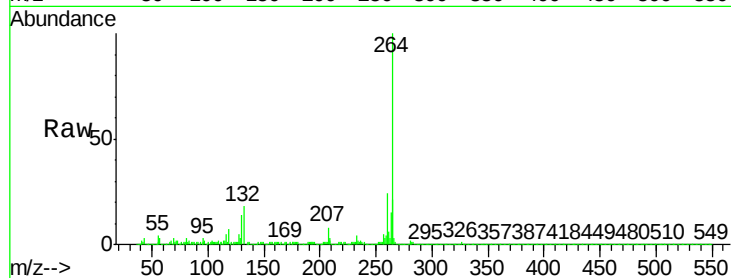


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

Instrument :
BNA_P
ClientSampleId :
NB-7-063020

Tot Ion: 264 Resp: 977780

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.3	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

