

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002627.D
 Acq On : 02 Jul 2020 13:07
 Operator : CG/JU
 Sample : L3153-35
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-I

Quant Time: Jul 02 13:39:23 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	268706	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1034450	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	657921	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1434211	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1743086	20.00	ng	0.00
86) Perylene-d12	23.29	264	1685130	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	2068896	130.36	ng	0.00
7) Phenol-d6	6.77	99	2423774	109.42	ng	0.00
23) Nitrobenzene-d5	8.72	82	2094655	104.33	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1120665	140.05	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4044987	90.49	ng	0.00
79) Terphenyl-d14	19.57	244	6541515	81.00	ng	0.00

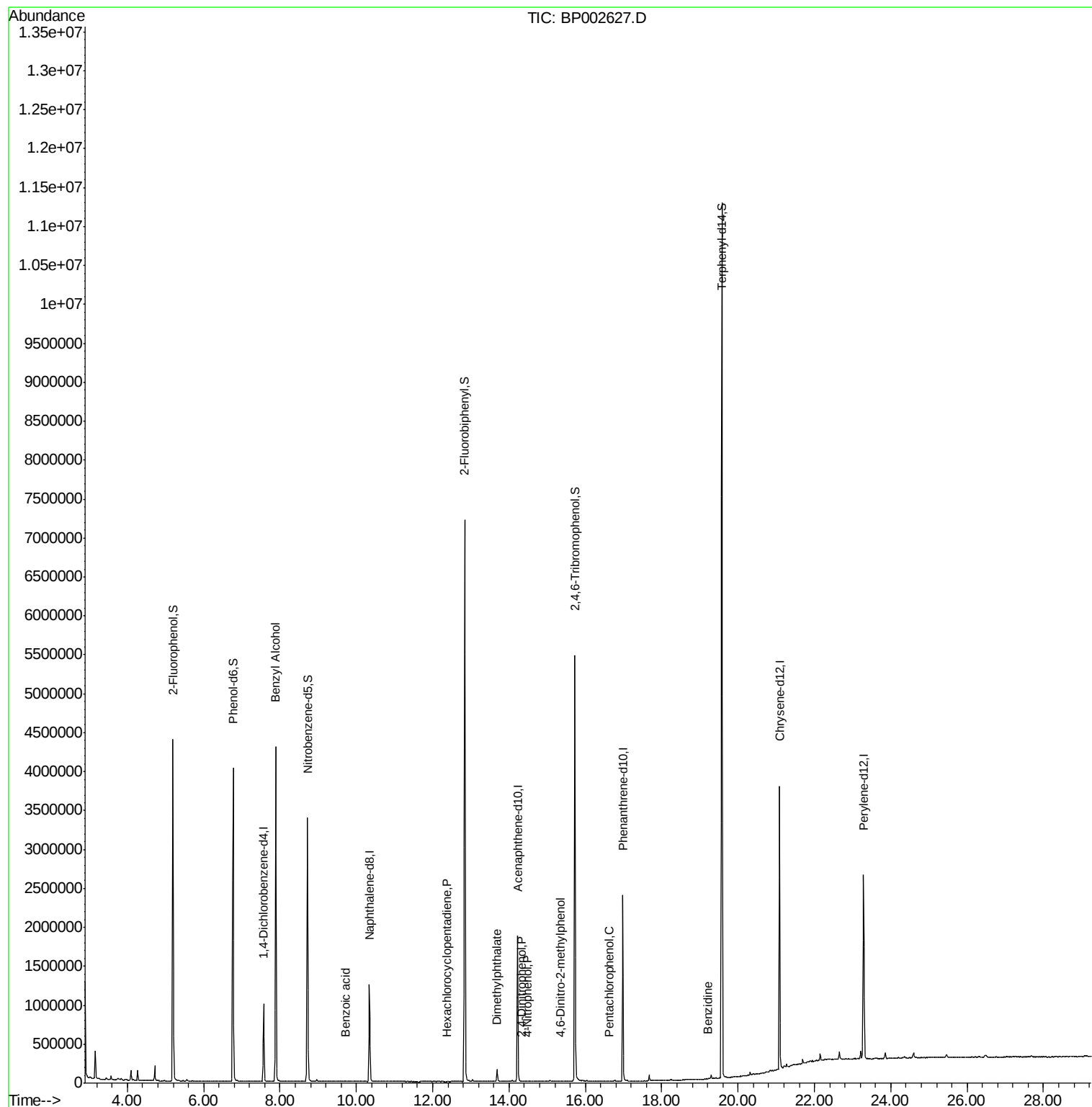
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	397	Below Cal		# 55
15) Benzyl Alcohol	7.89	79	33595	2.018	ng	# 51
32) Benzoic acid	9.72	122	30	8.701	ng	# 1
41) Hexachlorocyclopentadiene	12.37	237	22	4.384	ng	91
50) Dimethylphthalate	13.68	163	112722	2.181	ng	100
54) 2,4-Dinitrophenol	14.32	184	42	6.015	ng	# 1
56) 4-Nitrophenol	14.46	139	66	2.443	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	15	2.711	ng	# 1
70) Pentachlorophenol	16.63	266	37	2.665	ng	# 52
77) Benzidine	19.20	184	98	3.757	ng	# 1

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

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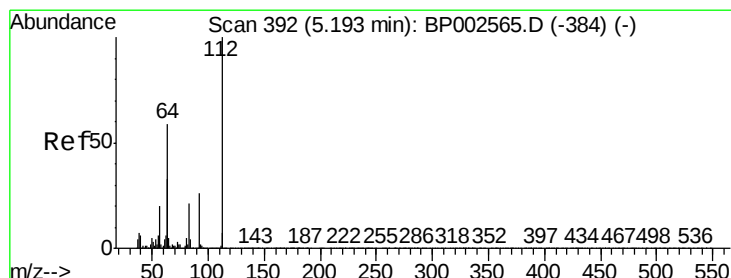
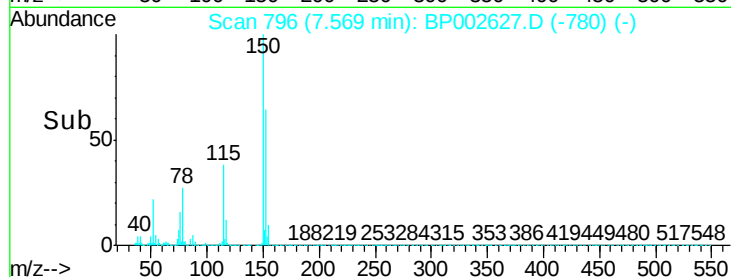
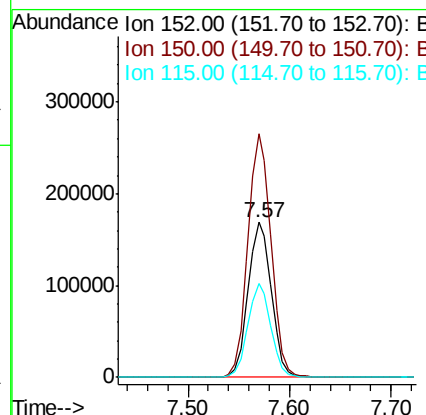
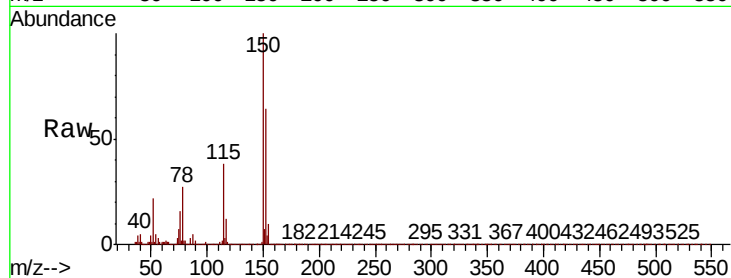


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Instrument :
BNA_P
ClientSampleId :
SP2-I

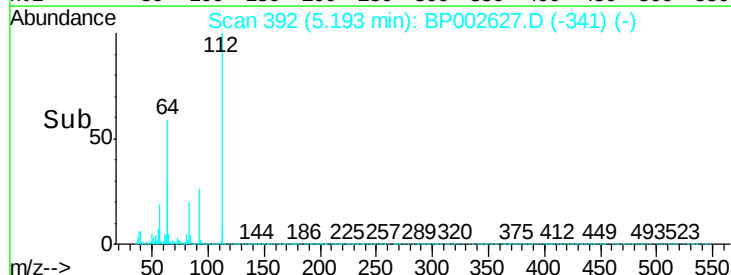
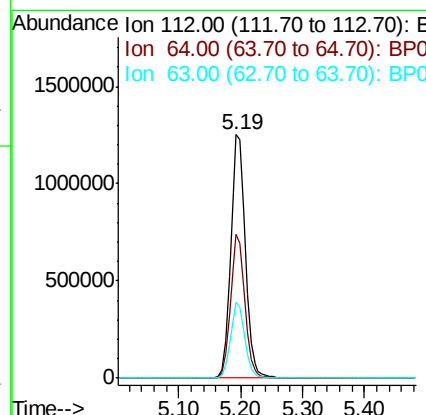
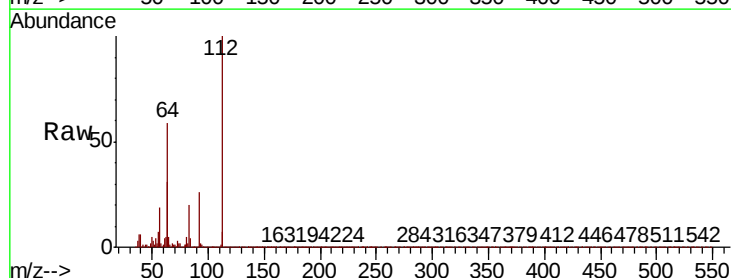
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	60.3	47.1	70.7

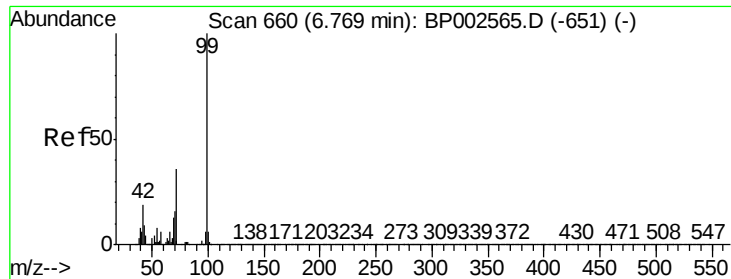


#5

2-Fluorophenol
Concen: 130.361 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.6
63	31.0	26.1	39.1





#7

Phenol-d6

Concen: 109.420 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

Instrument :

BNA_P

ClientSampleId :

SP2-I

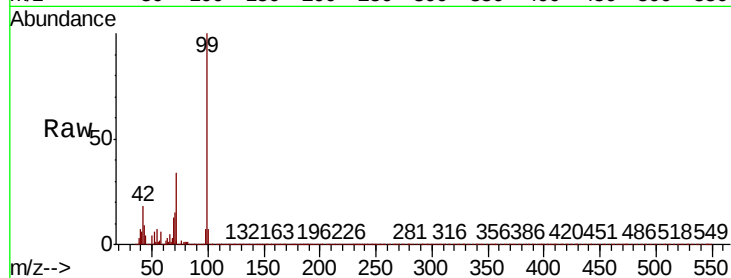
Tot Ion: 99 Resp: 2423774

Ion Ratio Lower Upper

99 100

42 17.8 15.5 23.3

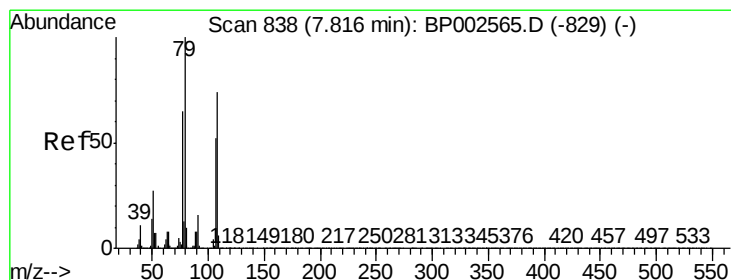
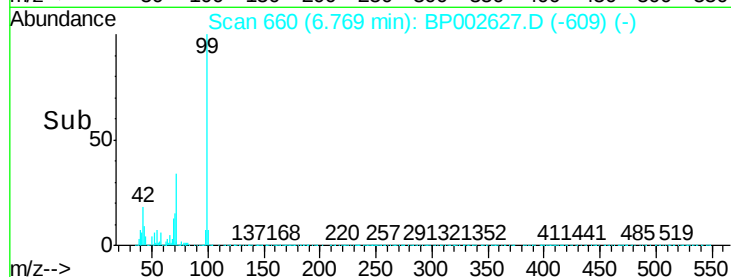
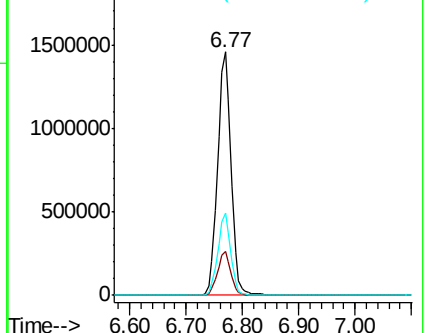
71 33.6 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.018 ng

RT: 7.89 min Scan# 850

Delta R.T. 0.07 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

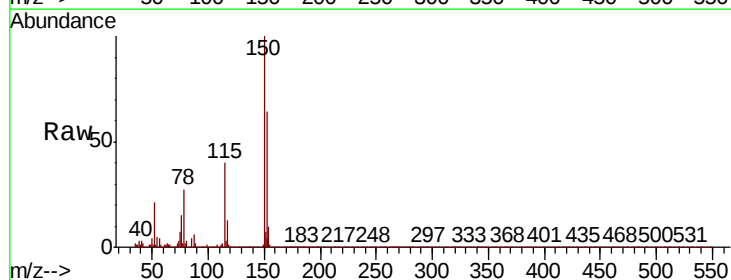
Tgt Ion: 79 Resp: 33595

Ion Ratio Lower Upper

79 100

108 37.1 59.4 89.2#

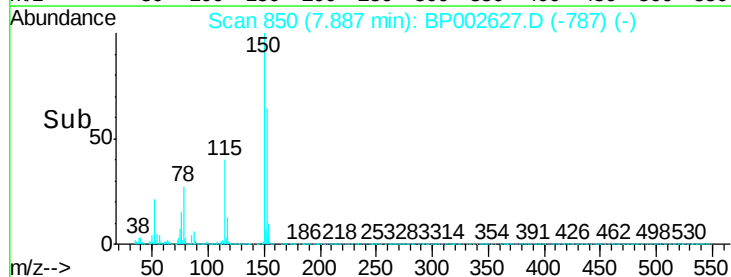
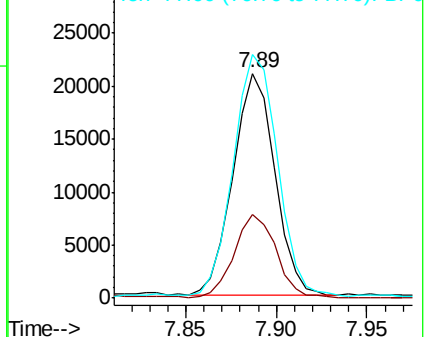
77 108.3 51.9 77.9#

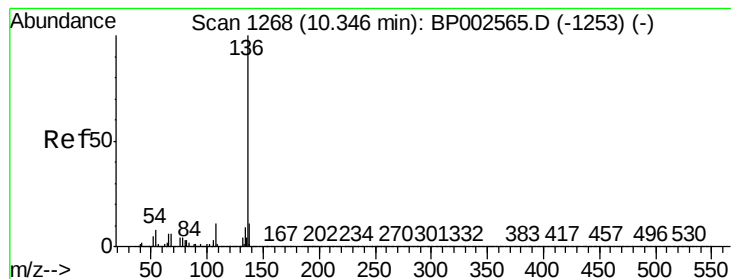


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

Instrument :

BNA_P

ClientSampleId :

SP2-I

Tot Ion:136 Resp: 1034450

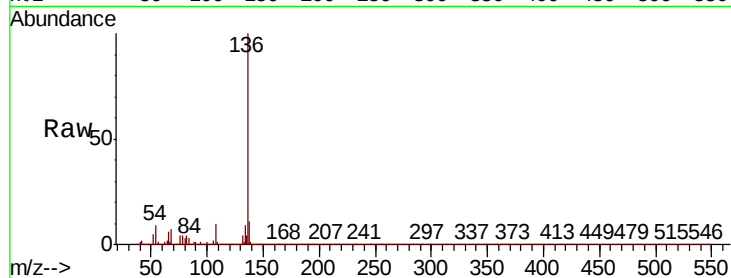
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	6.4	9.6
68	7.3	5.1	7.7

136 100

137 10.8 8.8 13.2

54 8.7 6.4 9.6

68 7.3 5.1 7.7

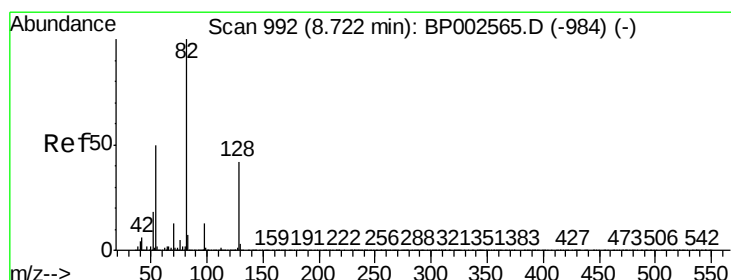
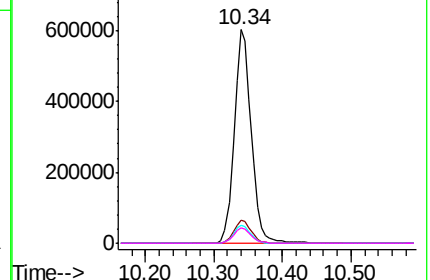
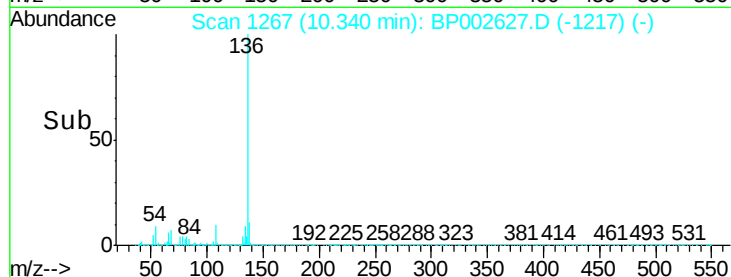


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 104.333 ng

RT: 8.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

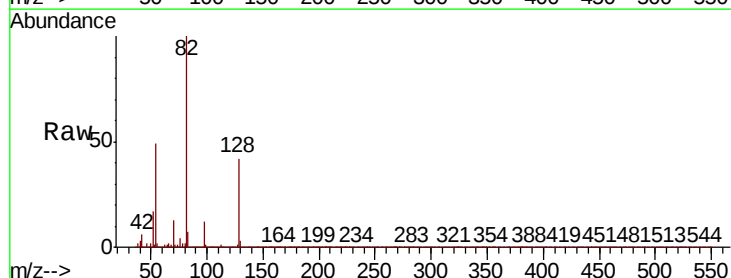
Tgt Ion: 82 Resp: 2094655

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.2
54	49.0	40.1	60.1

82 100

128 42.2 33.4 50.2

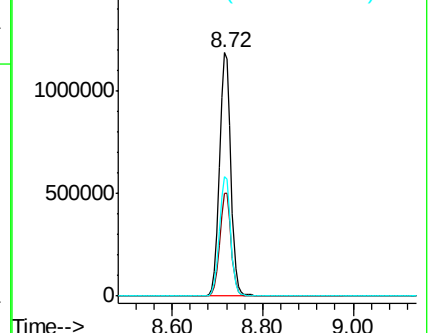
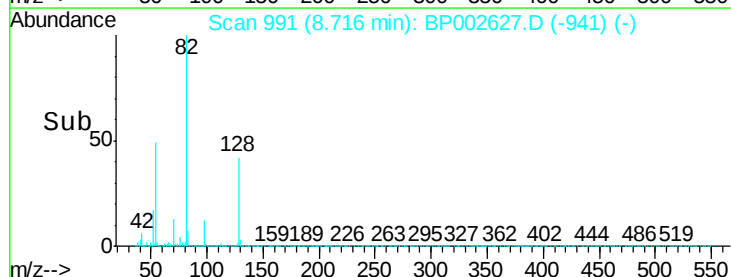
54 49.0 40.1 60.1

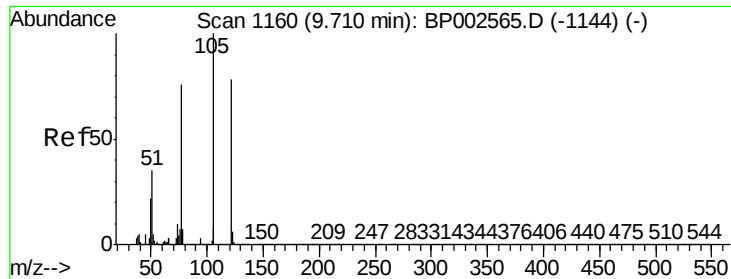


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

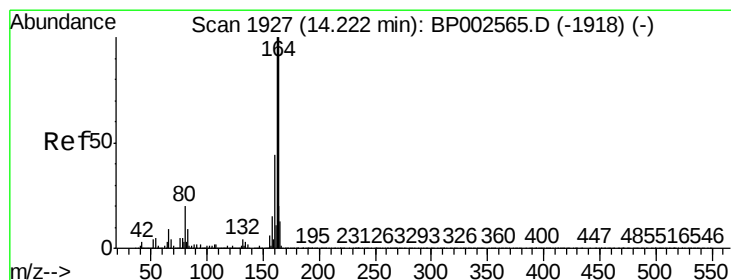
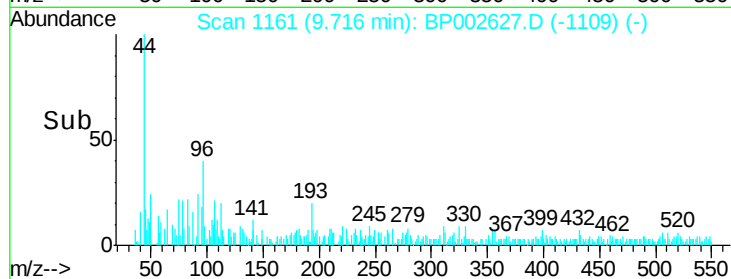
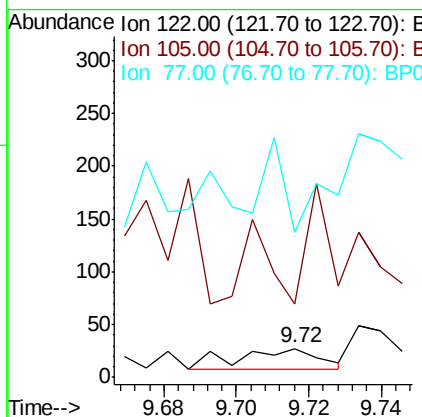
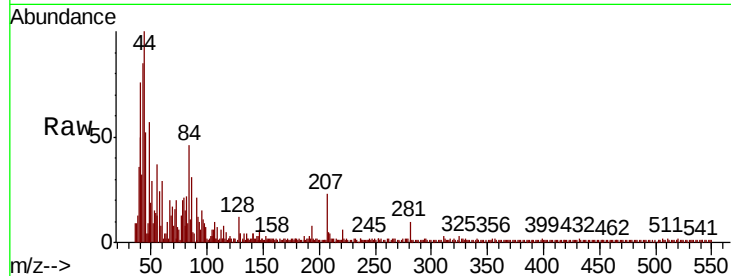




#32
Benzoic acid
Concen: 8.701 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

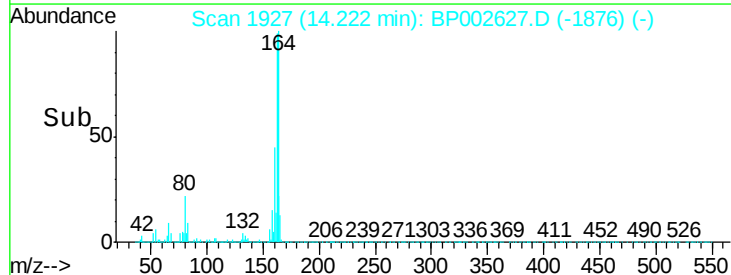
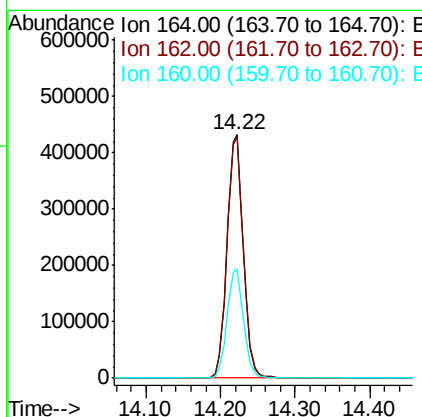
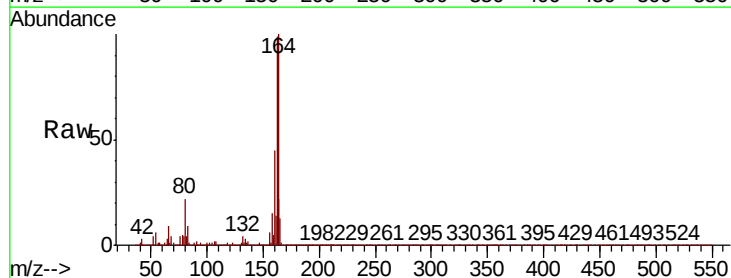
Instrument :
BNA_P
ClientSampleId :
SP2-I

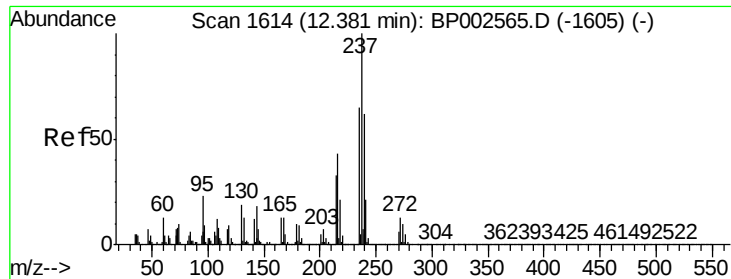
Tot Ion	Ratio	Lower	Upper
122	100		
105	255.6	106.6	146.6#
77	507.4	76.5	116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.3	120.5
160	44.7	35.0	52.6

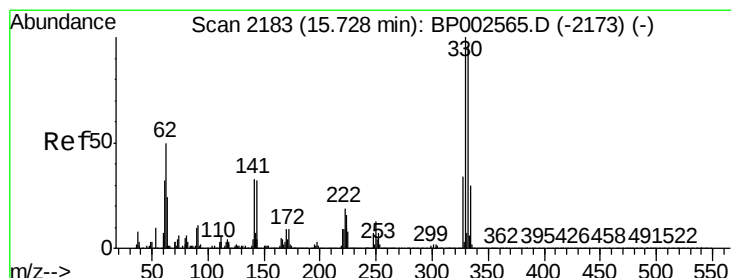
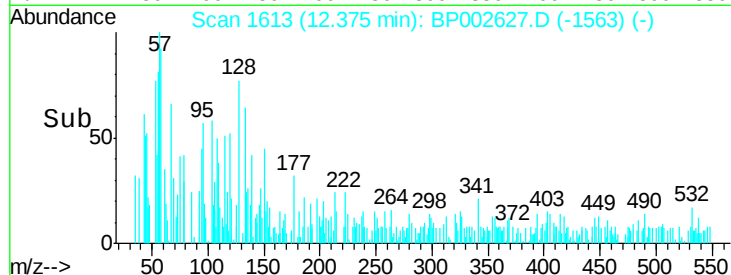
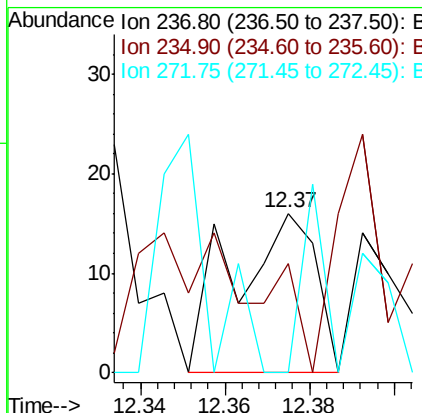
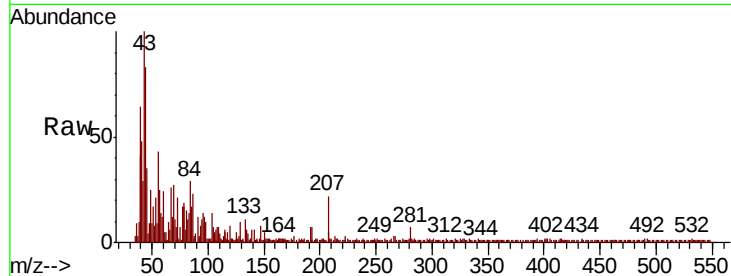




#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

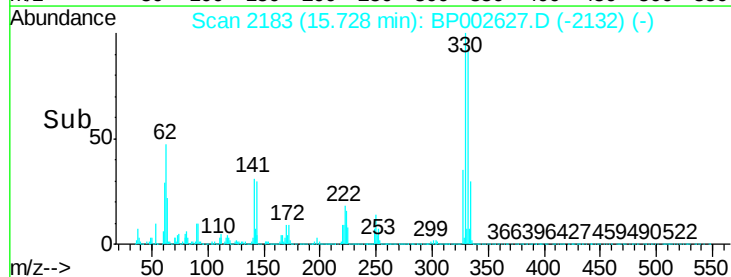
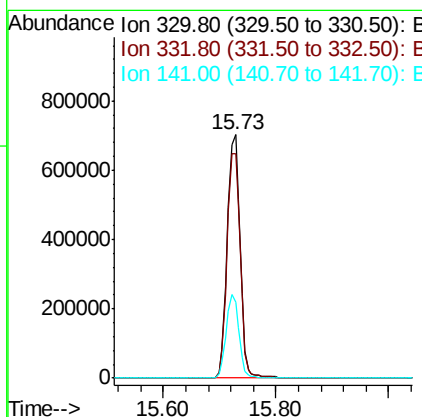
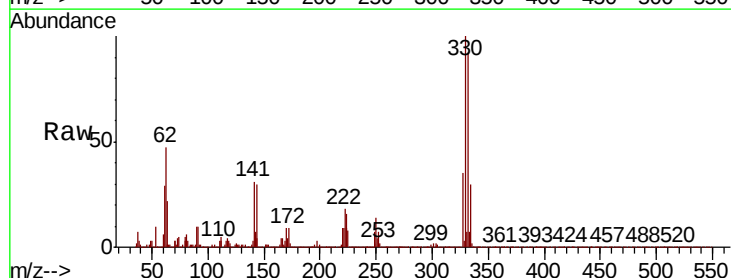
Instrument :
BNA_P
ClientSampled :
SP2-I

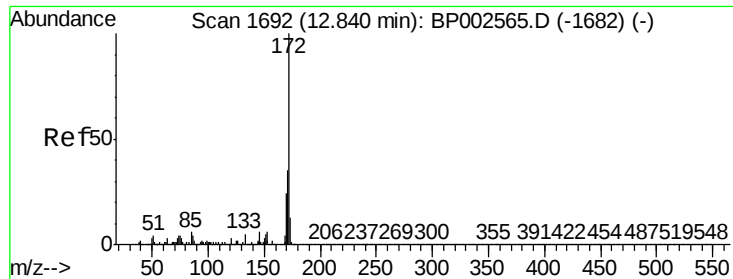
Tot Ion	Ratio	Lower	Upper
237	100		
235	68.8	45.4	85.4
272	0.0	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 140.045 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.7	116.5
141	33.9	29.0	43.6

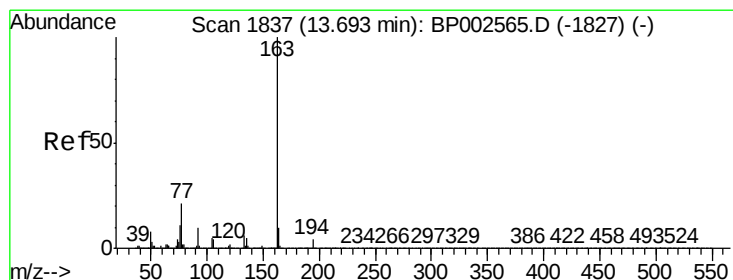
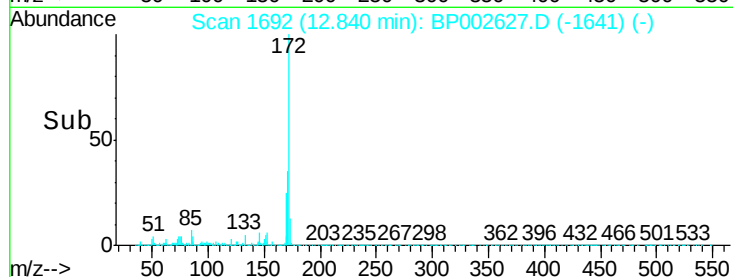
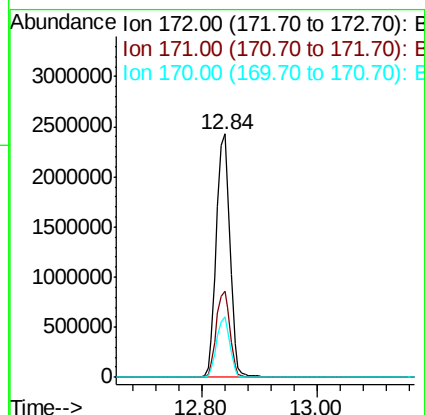
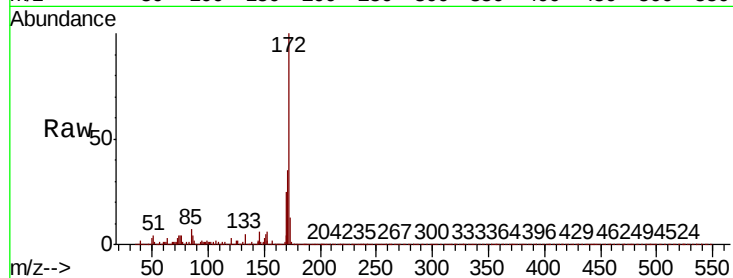




#45
2-Fluorobiphenyl
Concen: 90.490 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

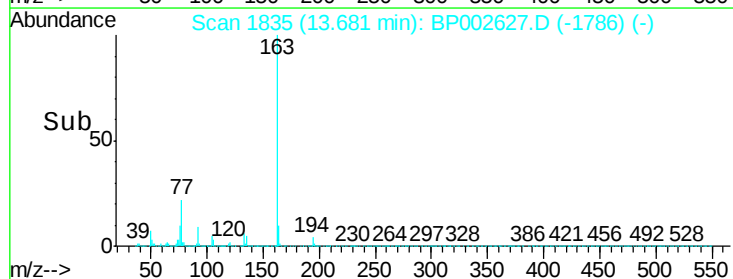
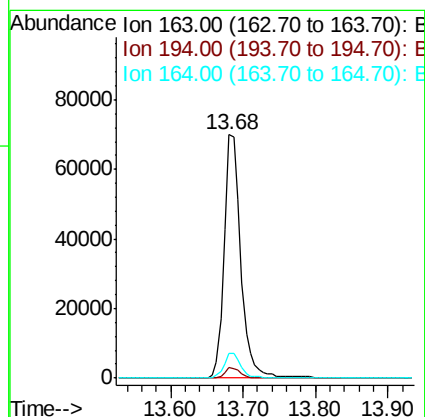
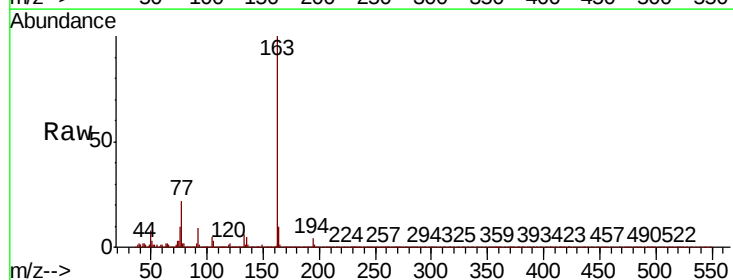
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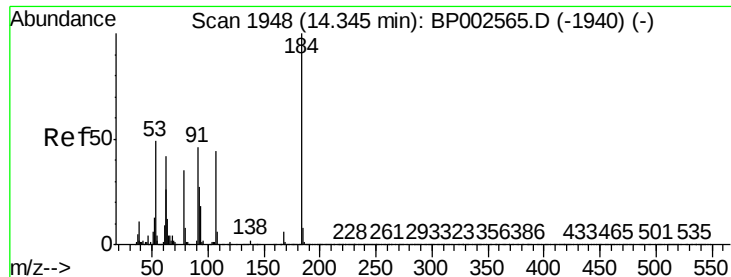
Tot Ion:172 Resp: 4044987
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.9 19.0 28.4



#50
Dimethylphthalate
Concen: 2.181 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Tgt Ion:163 Resp: 112722
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.4

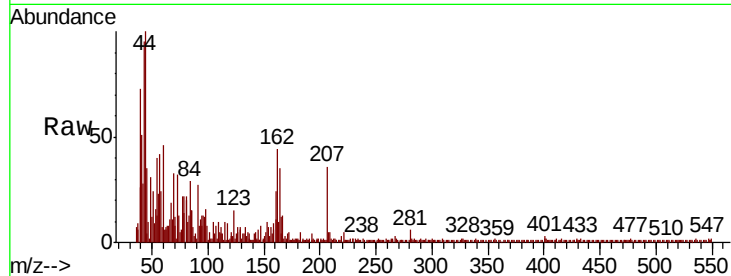




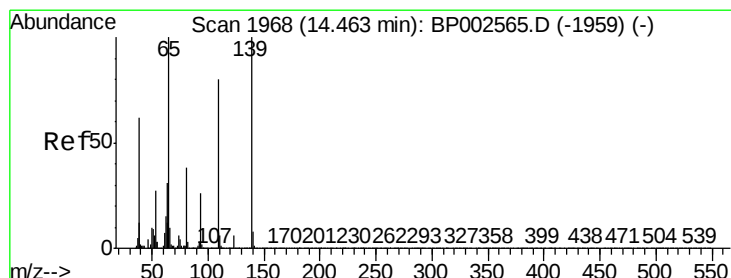
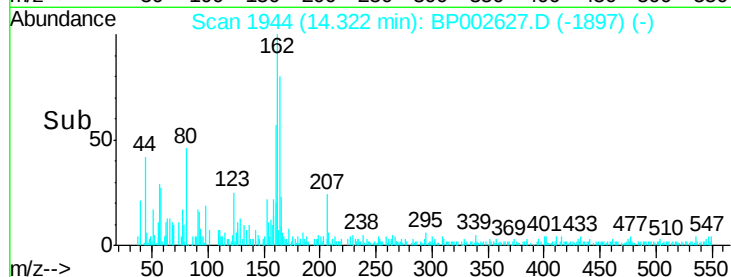
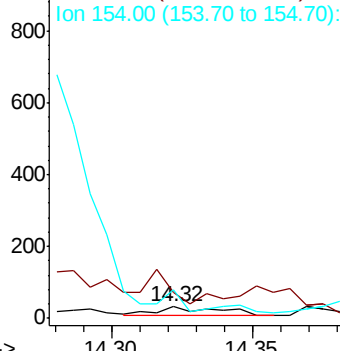
#54
2,4-Dinitrophenol
Concen: 6.015 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Instrument :
BNA_P
ClientSampleId :
SP2-I

Tot Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 221.2 56.2 84.2#
154 242.4 50.9 76.3#

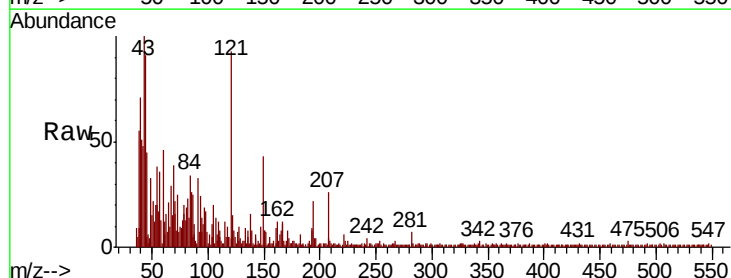


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

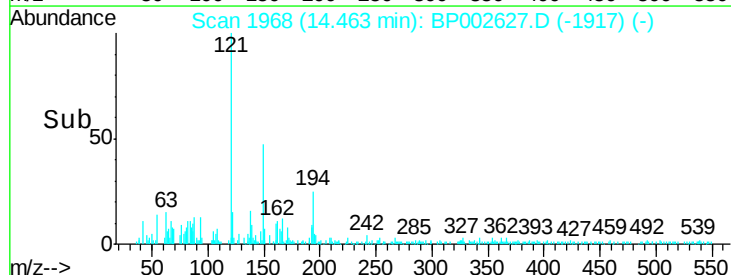
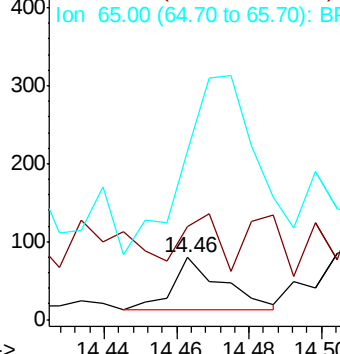


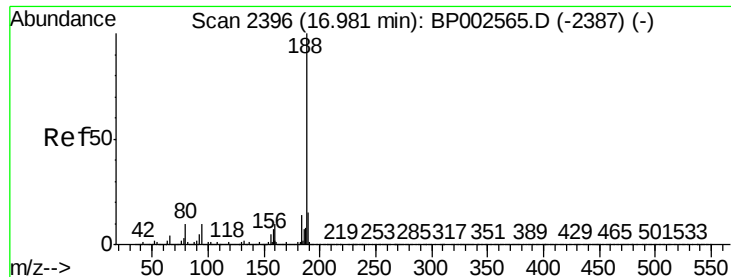
#56
4-Nitrophenol
Concen: 2.443 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 150.6 60.1 100.1#
65 274.7 80.3 120.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

Instrument :

BNA_P

ClientSampleId :

SP2-I

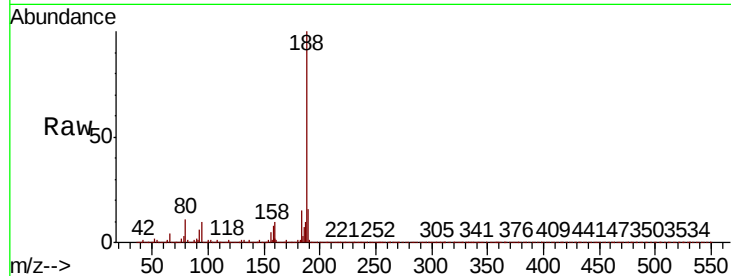
Tot Ion:188 Resp: 1434211

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

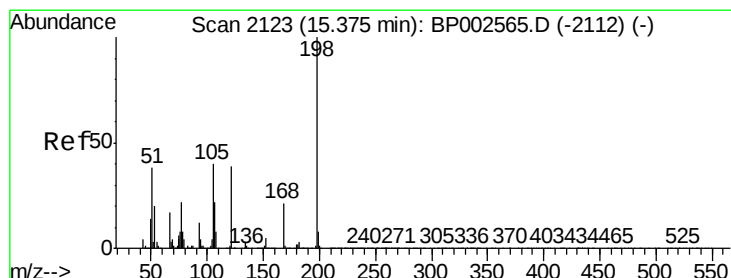
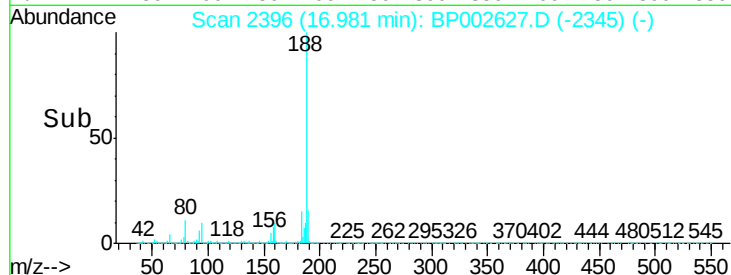
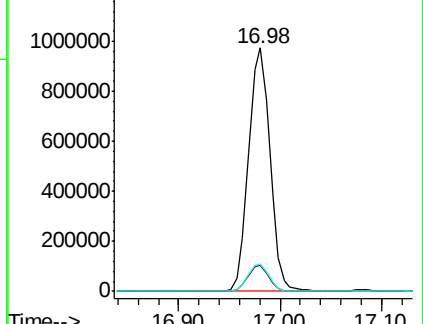
80 11.1 8.2 12.4



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: 2.711 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

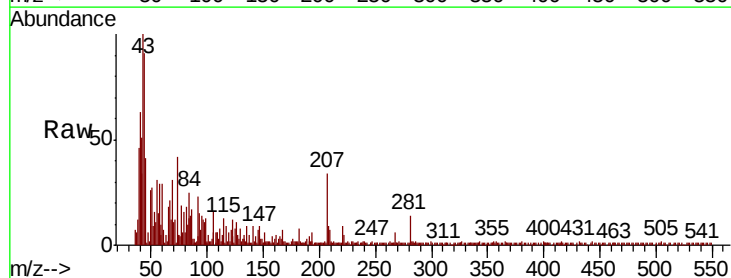
Tgt Ion:198 Resp: 15

Ion Ratio Lower Upper

198 100

51 1175.0 24.2 64.2#

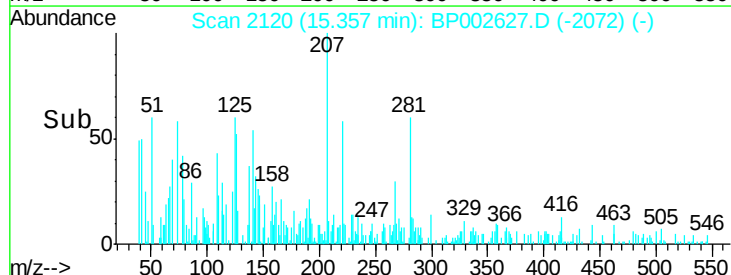
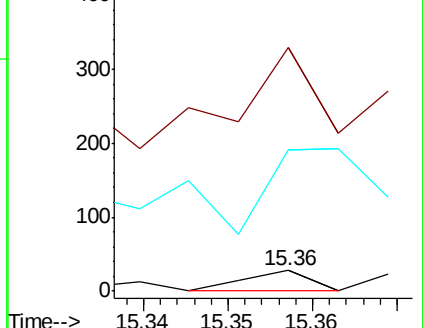
105 682.1 20.7 60.7#

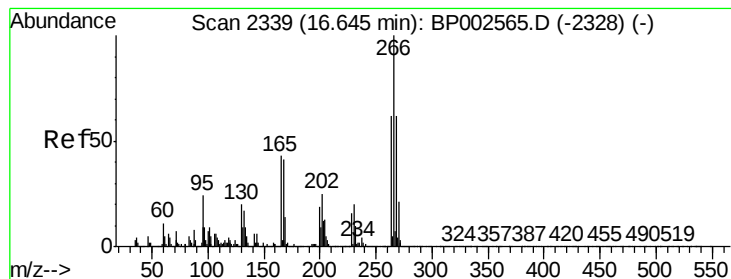


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#70

Pentachlorophenol

Concen: 2.665 ng

RT: 16.63 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

Instrument :

BNA_P

ClientSampled :

SP2-I

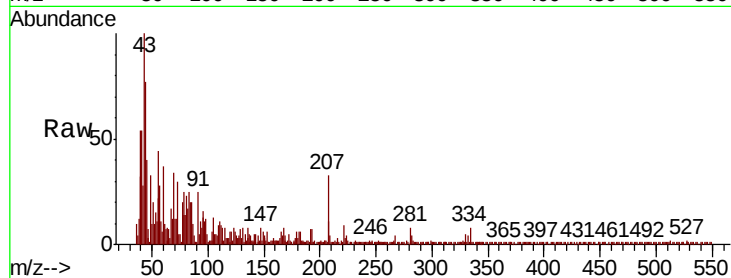
Tot Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

268 0.0 49.7 74.5#

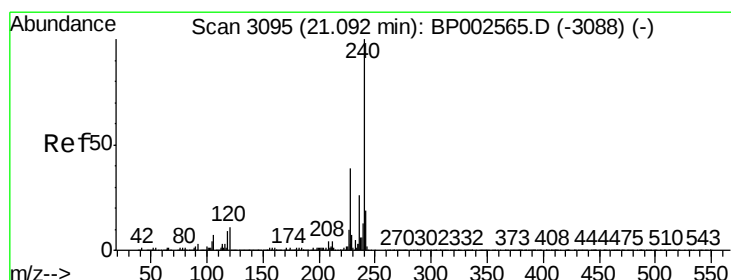
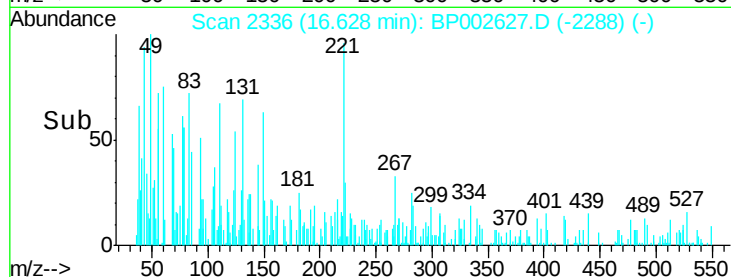
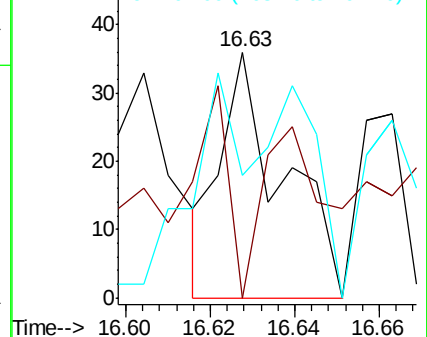
264 50.0 49.3 73.9



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: BP002627.D

Acq: 02 Jul 2020 13:07

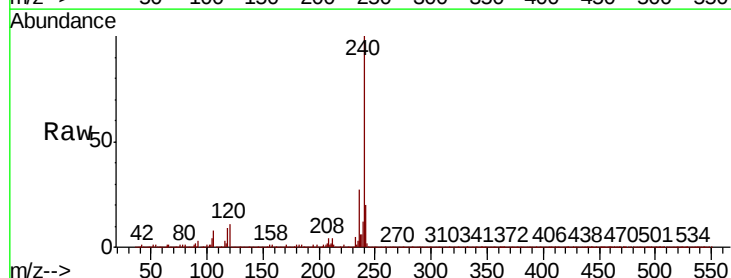
Tgt Ion:240 Resp: 1743086

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

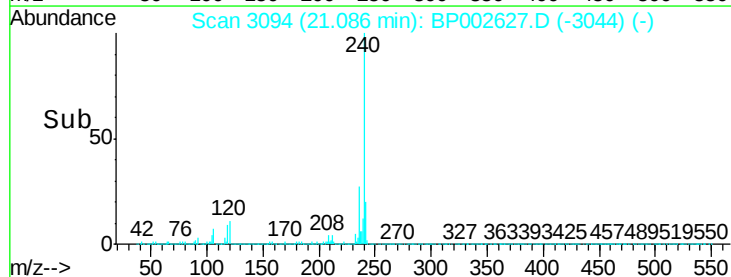
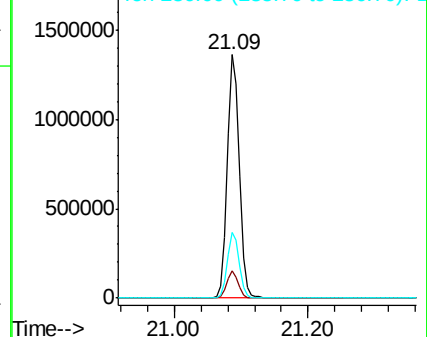
236 27.0 20.8 31.2

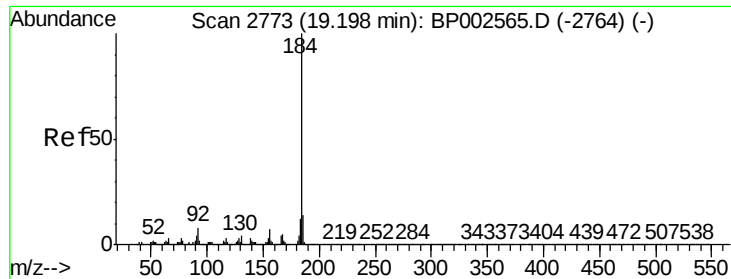


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.757 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.01 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

Instrument :

BNA_P

ClientSampleId :

SP2-I

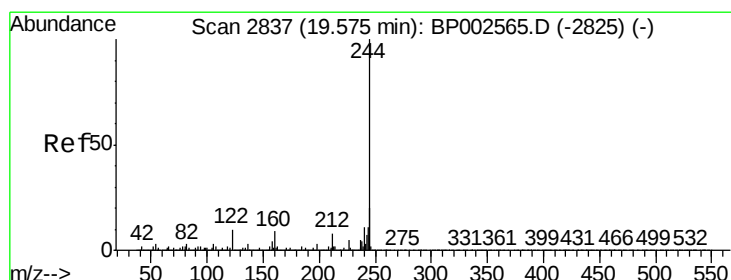
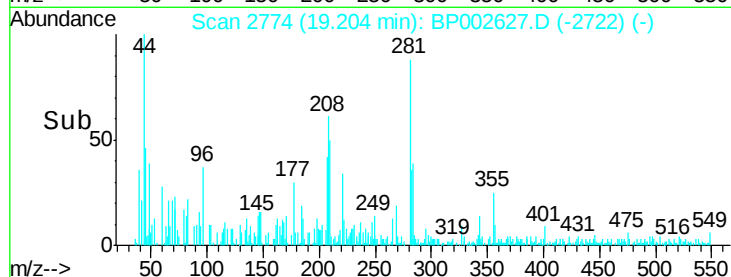
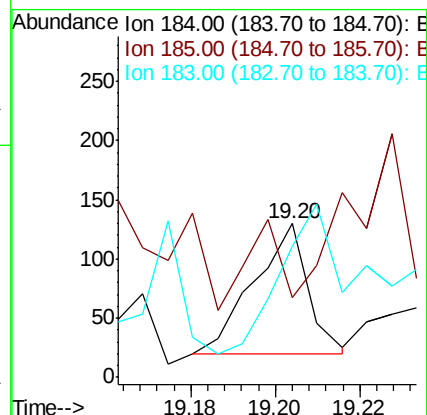
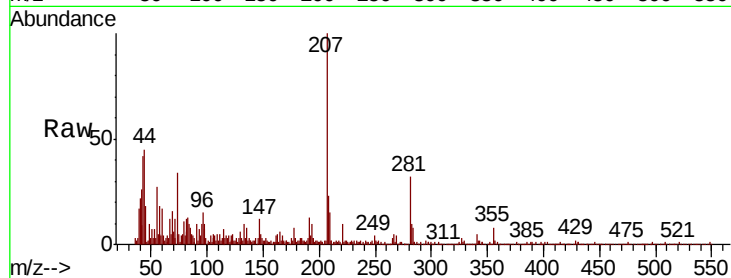
Tot Ion:184 Resp: 98

Ion Ratio Lower Upper

184 100

185 51.5 11.4 17.2#

183 85.4 9.2 13.8#



#79

Terphenyl-d14

Concen: 81.004 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002627.D

Acq: 02 Jul 2020 13:07

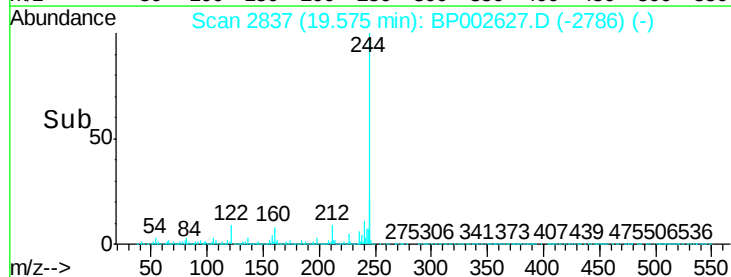
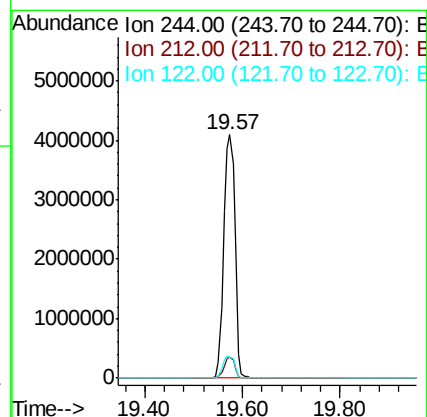
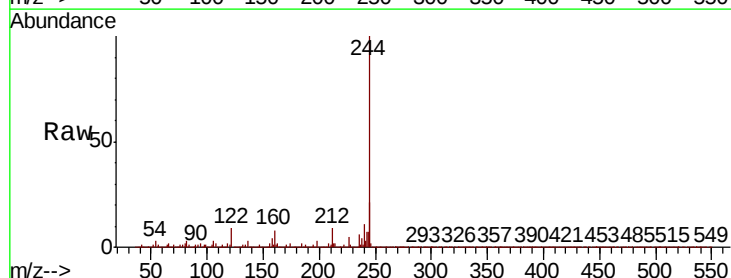
Tgt Ion:244 Resp: 6541515

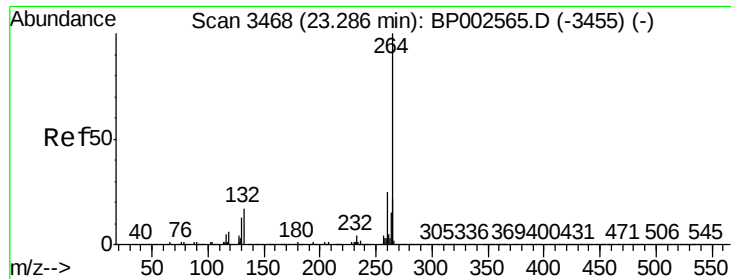
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 8.6 7.9 11.9





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002627.D
Acq: 02 Jul 2020 13:07

Instrument :
BNA_P
ClientSampleId :
SP2-I

Tot Ion:264 Resp: 1685130

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	21.0	17.6	26.4

