

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002594.D
 Acq On : 01 Jul 2020 08:07
 Operator : CG/JU
 Sample : L3148-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-062620

Quant Time: Jul 01 08:59:22 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	221952	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	898962	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	427779	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1310805	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1020469	20.00	ng	0.00
86) Perylene-d12	23.28	264	884234	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1743915	133.03	ng	0.00
7) Phenol-d6	6.77	99	2228232	121.78	ng	0.00
23) Nitrobenzene-d5	8.72	82	1808762	103.67	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	977226	187.82	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2672353	91.95	ng	0.00
79) Terphenyl-d14	19.57	244	4768520	100.86	ng	0.00

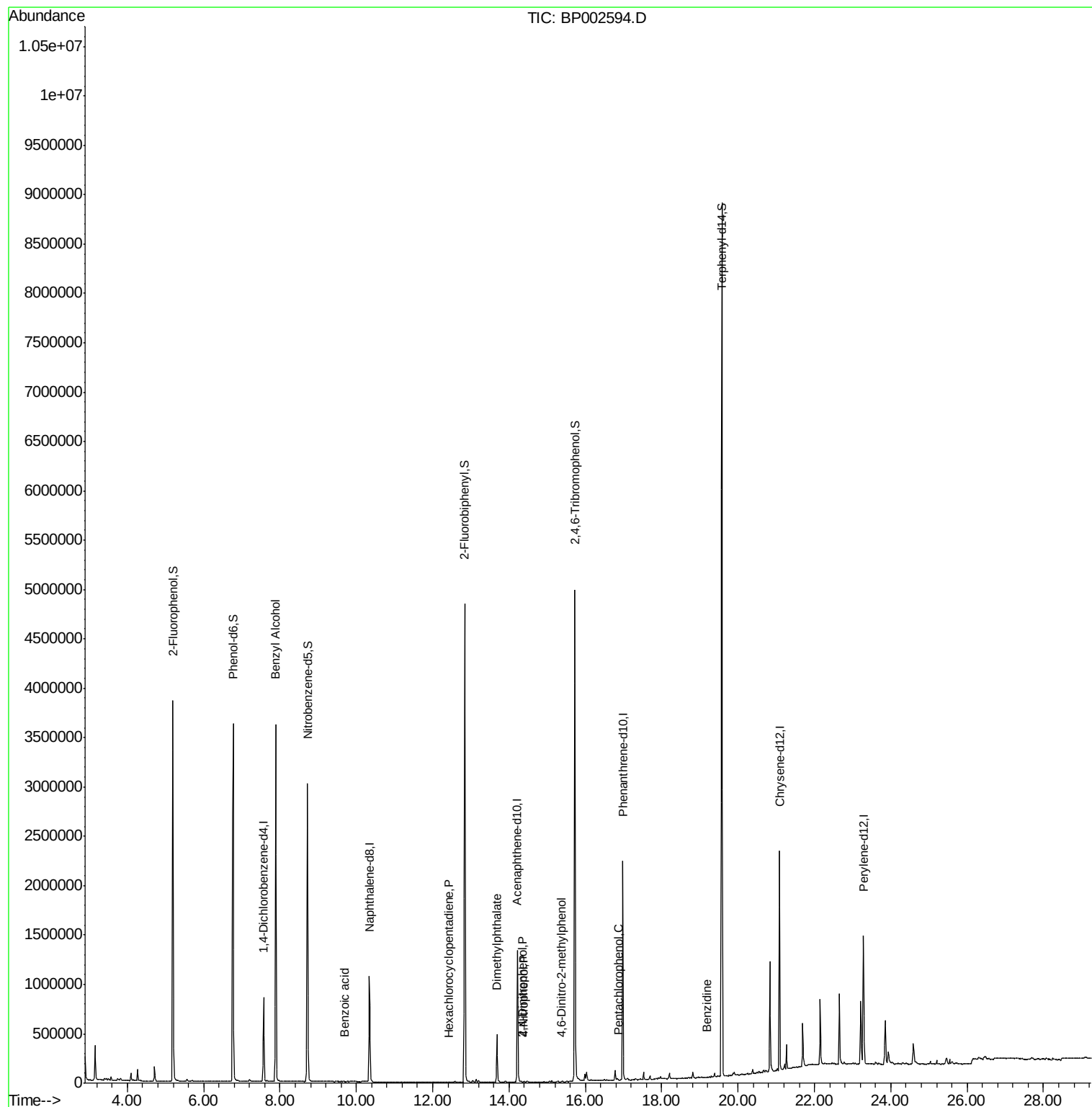
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.71	77	141	Below Cal		# 30
15) Benzyl Alcohol	7.89	79	28487	2.072	ng	# 52
32) Benzoic acid	9.70	122	46	8.703	ng	# 1
41) Hexachlorocyclopentadiene	12.44	237	17	4.384	ng	# 86
50) Dimethylphthalate	13.68	163	320358	9.535	ng	# 100
54) 2,4-Dinitrophenol	14.36	184	19	6.013	ng	# 4
56) 4-Nitrophenol	14.37	139	31	2.441	ng	# 91
65) 4,6-Dinitro-2-methylphenol	15.37	198	11	2.711	ng	# 1
70) Pentachlorophenol	16.87	266	27	2.665	ng	# 92
77) Benzidine	19.19	184	66	3.758	ng	# 1

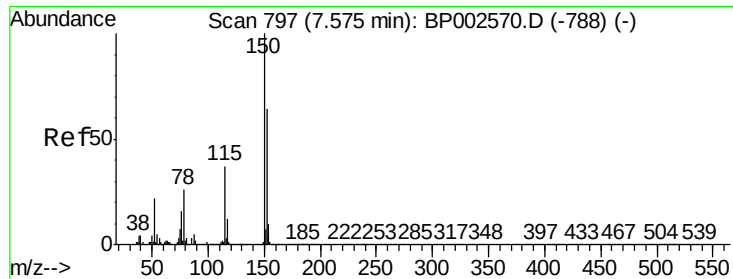
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002594.D

Acq: 01 Jul 2020 08:07

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BNA_P

ClientSampleId :

AU-06-062620

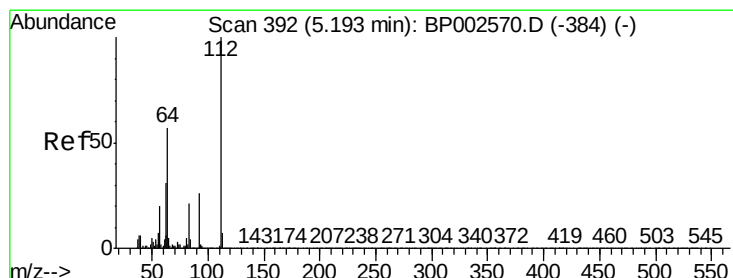
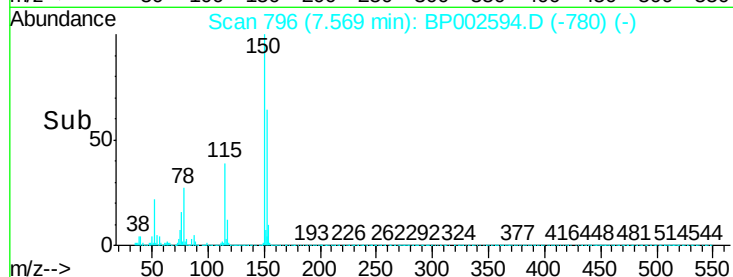
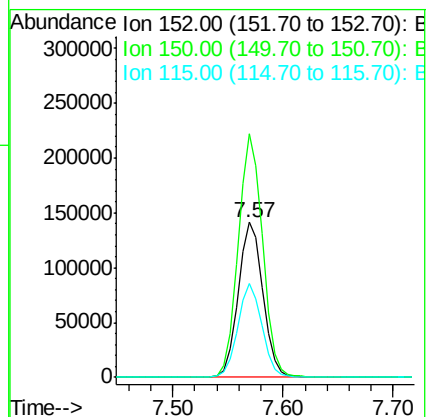
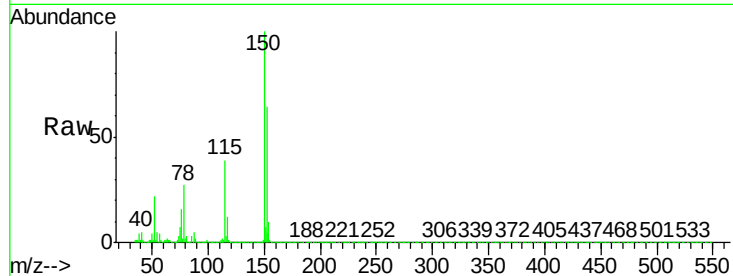
Tot Ion:152 Resp: 221952

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

115 60.8 47.1 70.7



#5

2-Fluorophenol

Concen: 133.031 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

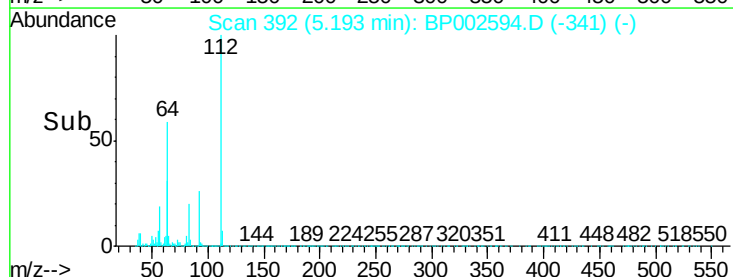
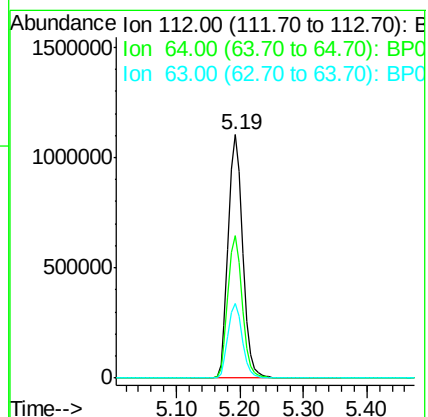
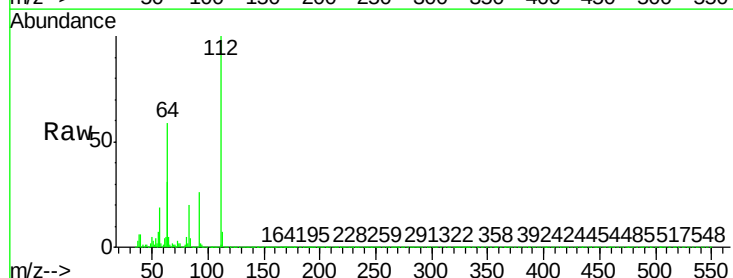
Tgt Ion:112 Resp: 1743915

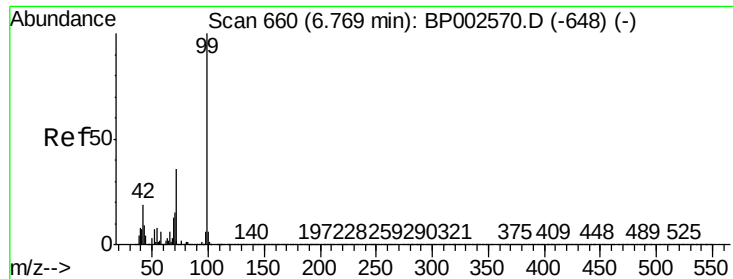
Ion Ratio Lower Upper

112 100

64 58.6 47.0 70.6

63 30.8 26.1 39.1





#7

Phenol-d6

Concen: 121.782 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

Instrument :

BNA_P

ClientSampleId :

AU-06-062620

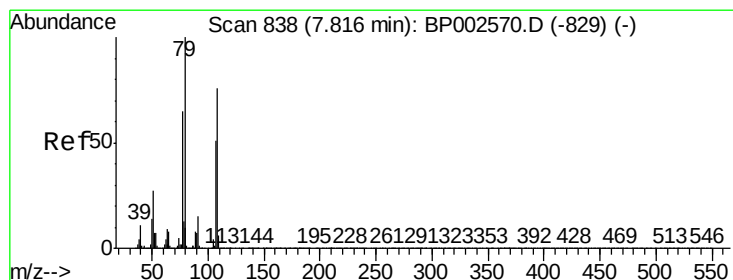
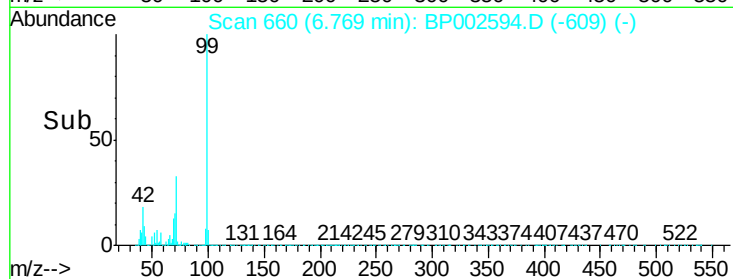
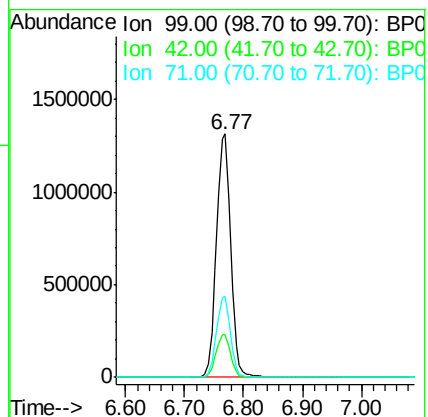
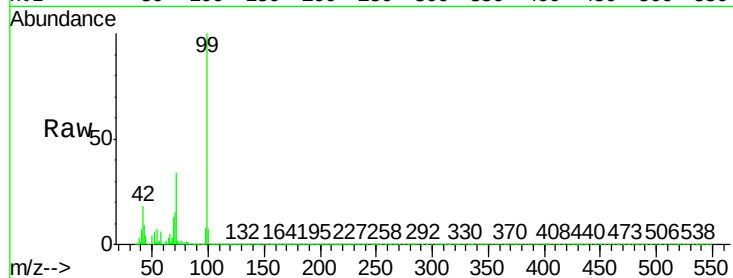
Tot Ion: 99 Resp: 2228232

Ion Ratio Lower Upper

99 100

42 17.7 15.5 23.3

71 33.5 28.9 43.3



#15

Benzyl Alcohol

Concen: 2.072 ng

RT: 7.89 min Scan# 850

Delta R.T. 0.07 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

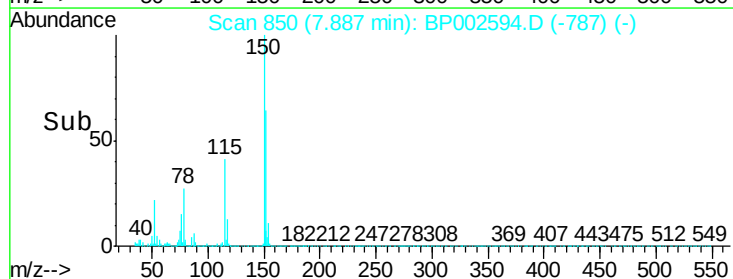
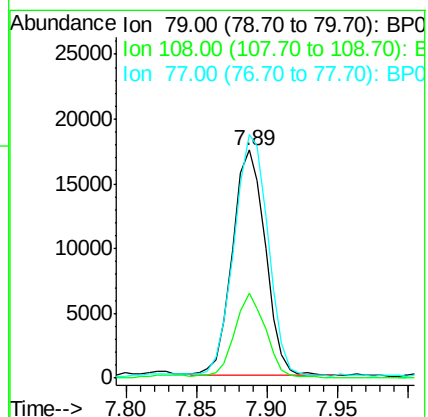
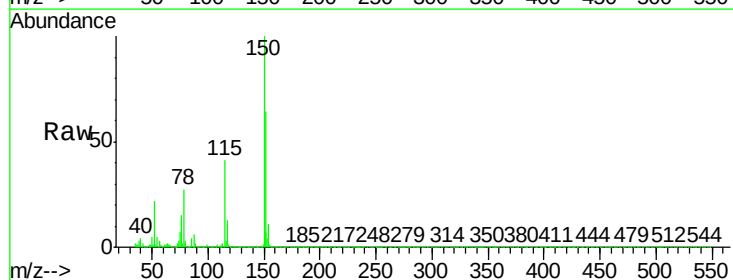
Tgt Ion: 79 Resp: 28487

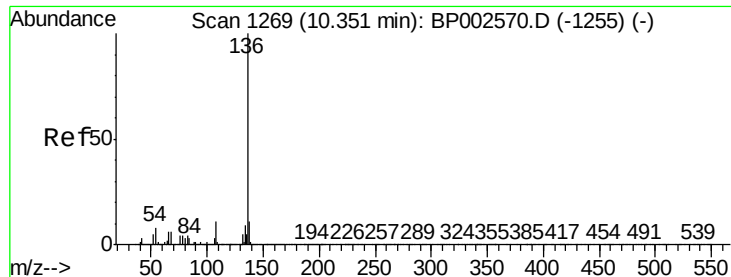
Ion Ratio Lower Upper

79 100

108 37.2 59.4 89.2#

77 107.0 51.9 77.9#

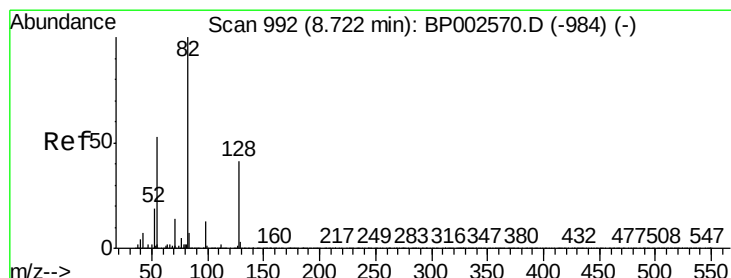
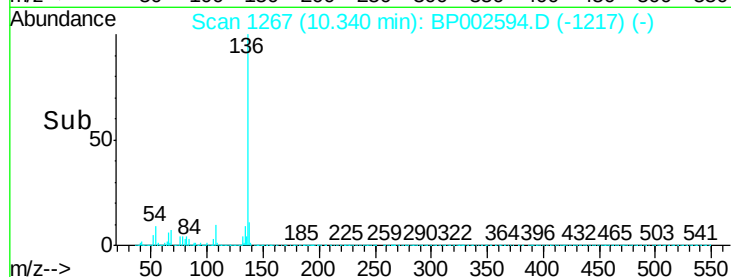
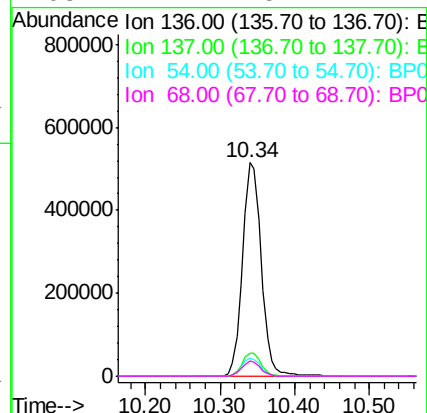
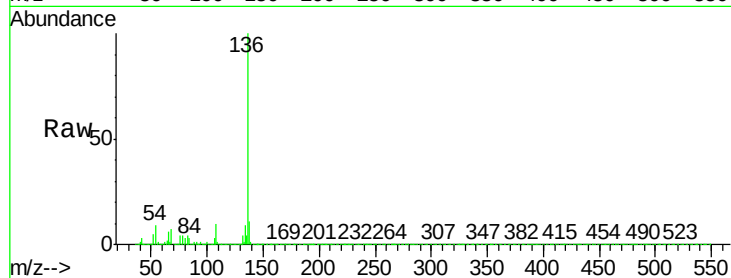




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

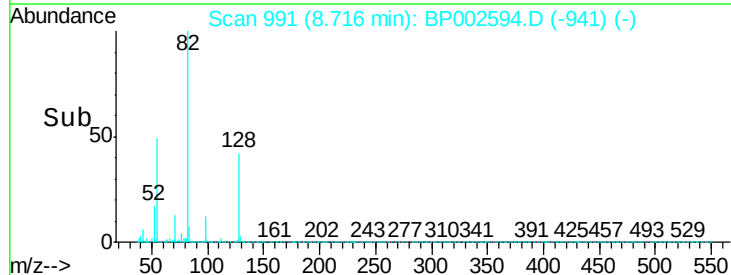
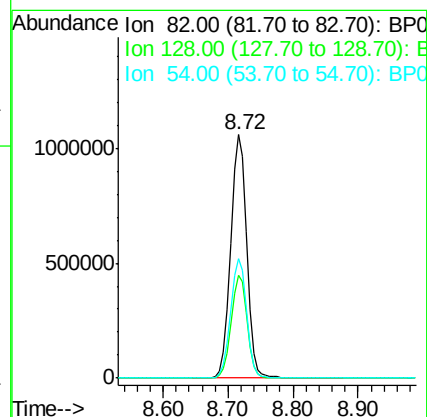
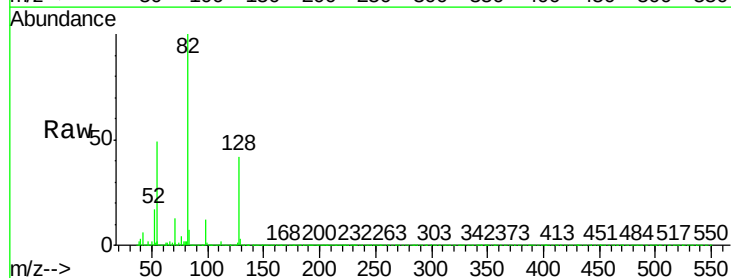
Instrument :
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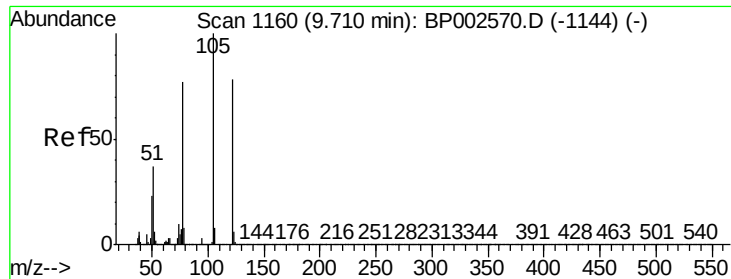
Tot Ion:136	Resp:	898962	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.5	6.4	9.6	
68 7.2	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 103.672 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Tgt Ion: 82	Resp: 1808762
Ion Ratio	Lower Upper
82 100	
128 42.3	33.4 50.2
54 49.1	40.1 60.1

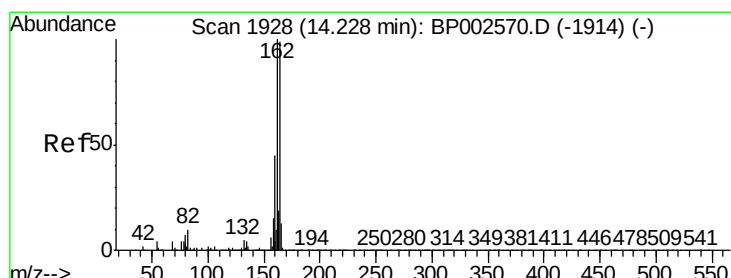
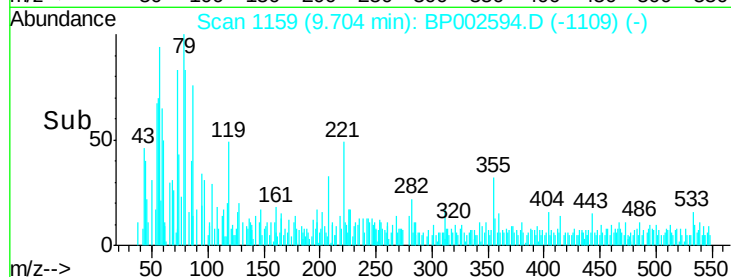
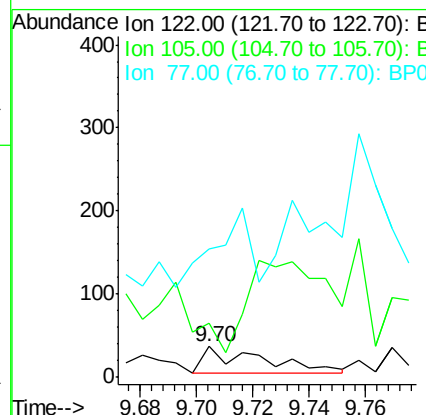
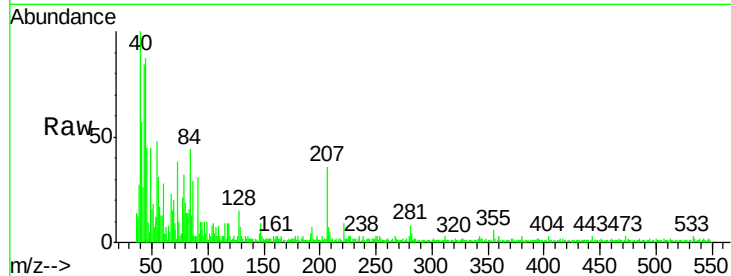




#32
Benzoic acid
Concen: 8.703 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

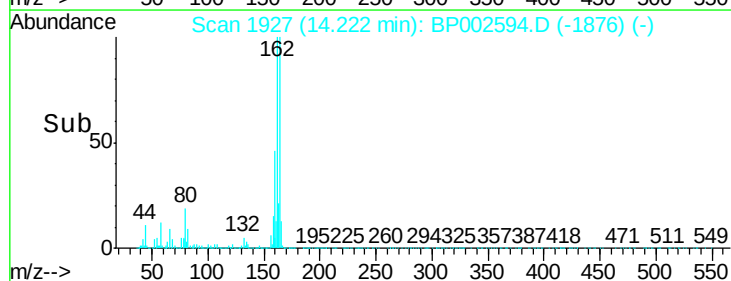
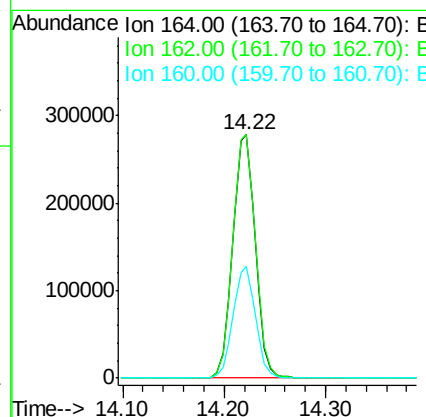
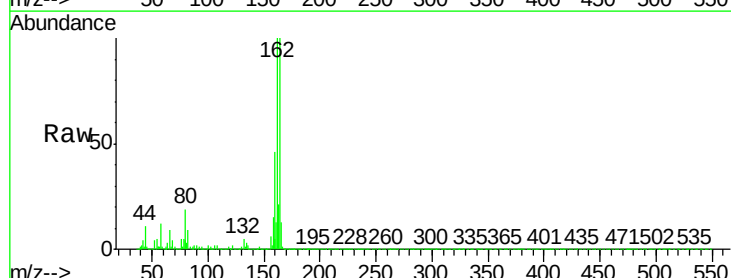
Instrument :
BNA_P
ClientSampleId :
AU-06-062620

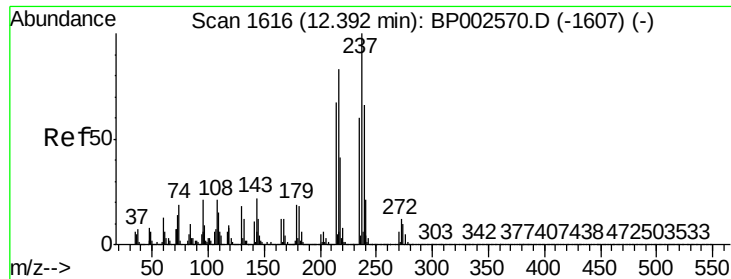
Tot Ion	Ratio	Lower	Upper
122	100		
105	175.7	106.6	146.6#
77	416.2	76.5	116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	45.9	35.0	52.6

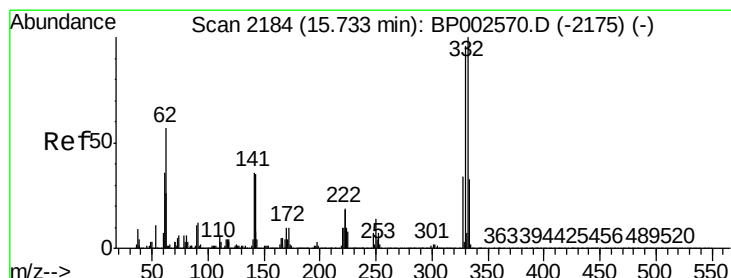
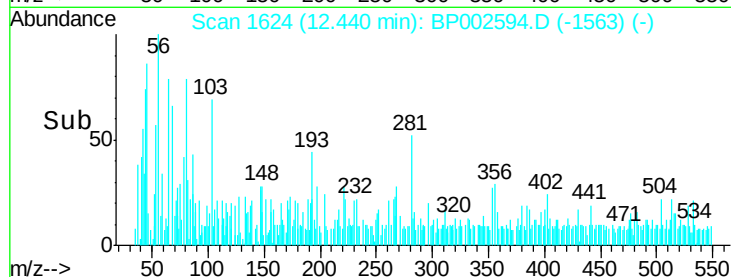
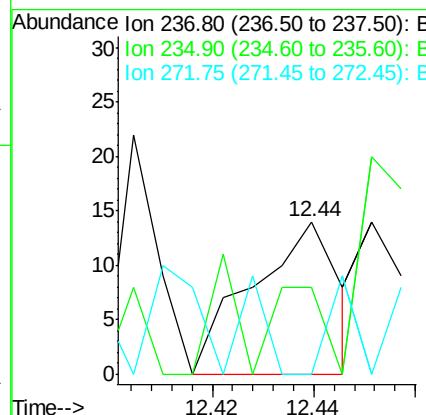
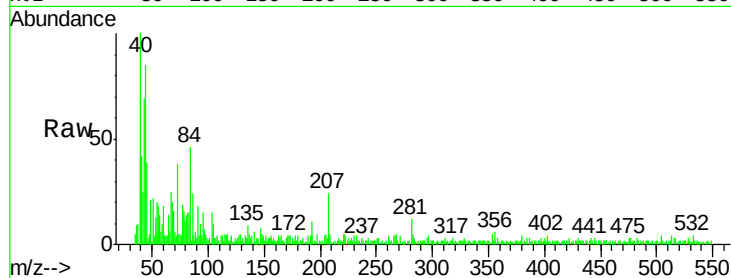




#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.44 min Scan# 1624
Delta R.T. 0.06 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

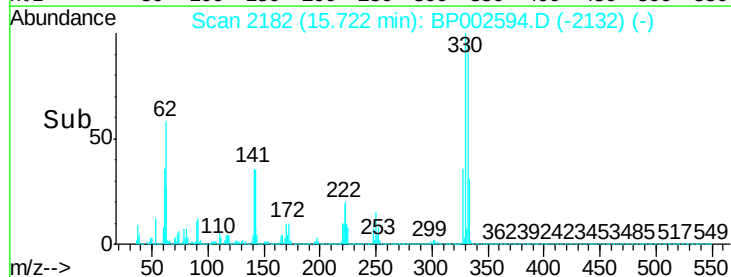
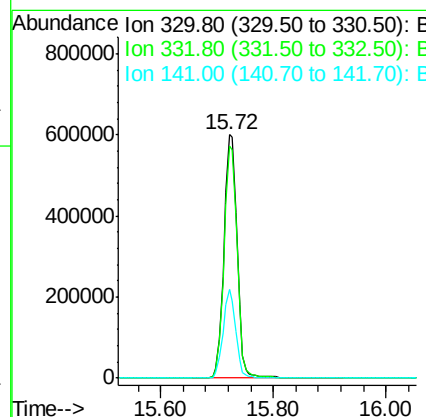
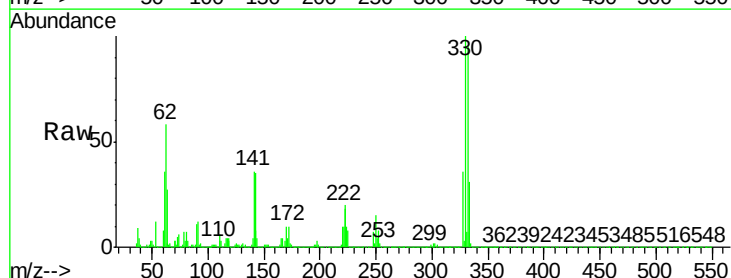
Instrument :
BNA_P
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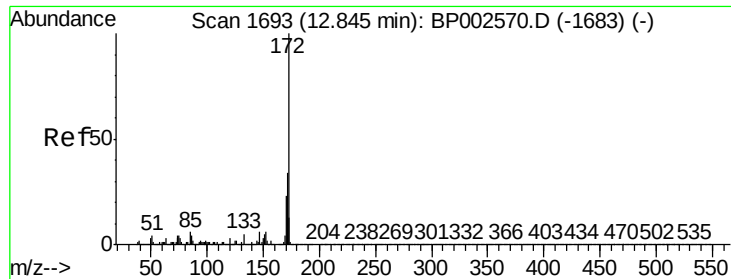
Tot Ion: 237 Resp: 17
Ion Ratio Lower Upper
237 100
235 57.1 45.4 85.4
272 0.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 187.820 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Tgt Ion: 330 Resp: 977226
Ion Ratio Lower Upper
330 100
332 95.4 77.7 116.5
141 35.1 29.0 43.6

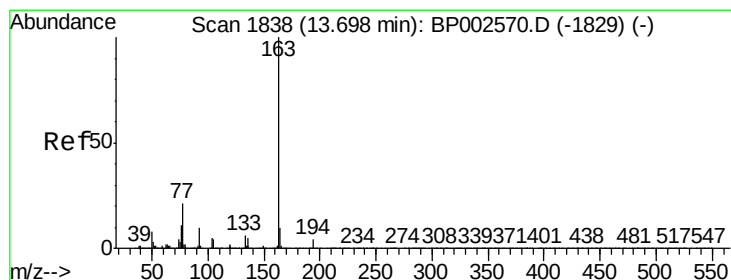
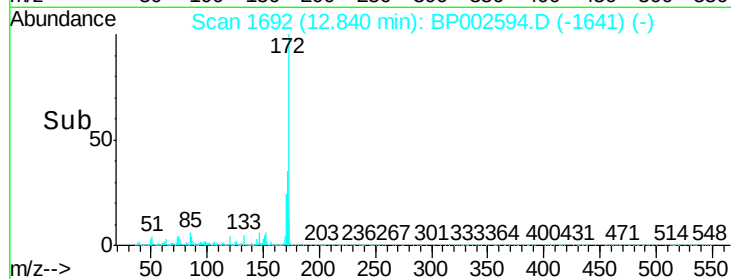
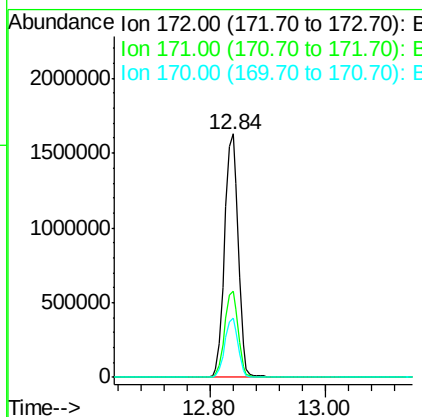
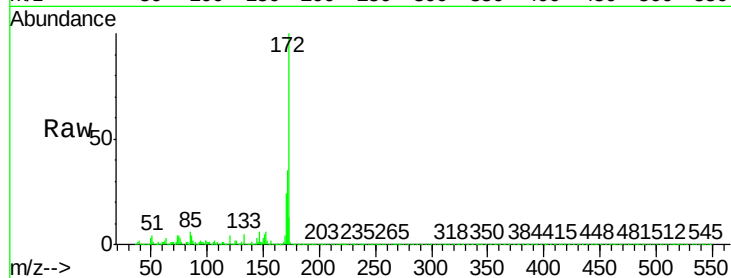




#45
2-Fluorobiphenyl
Concen: 91.946 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

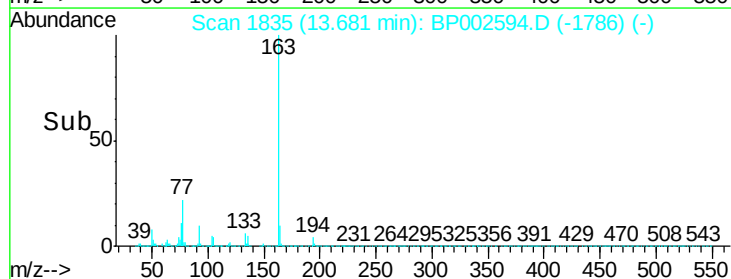
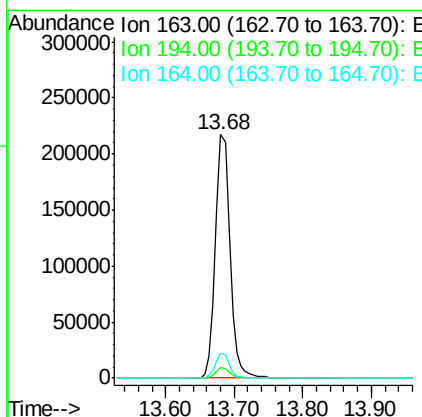
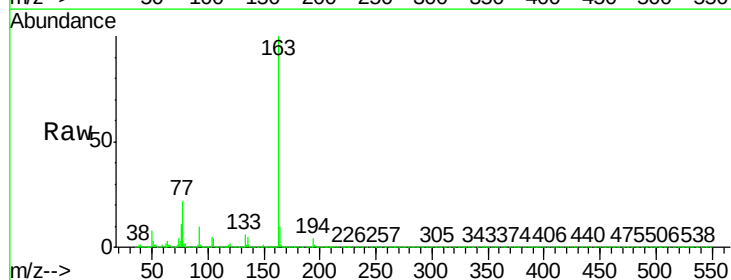
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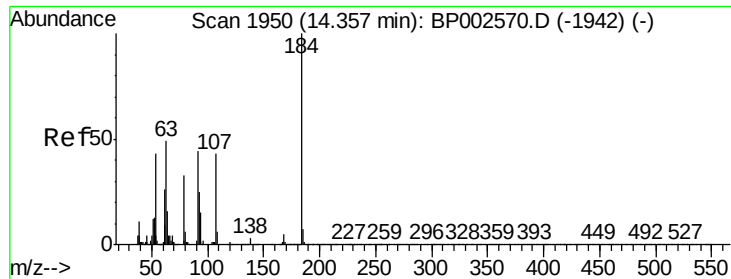
Tot Ion:172 Resp: 2672353
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.1 19.0 28.4



#50
Dimethylphthalate
Concen: 9.535 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Tgt Ion:163 Resp: 320358
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.4

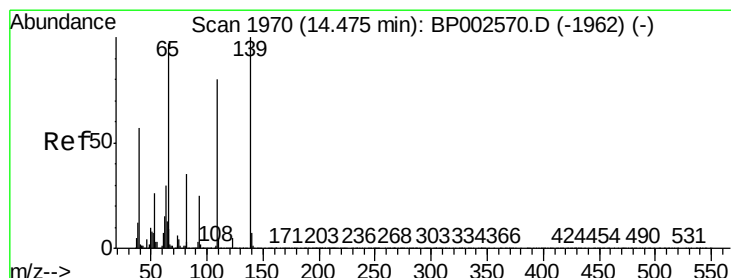
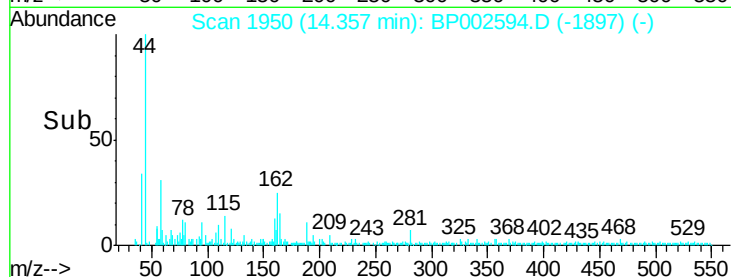
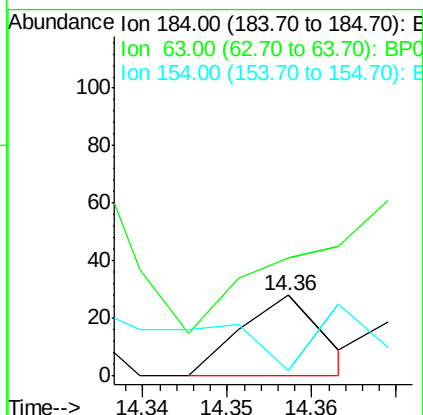
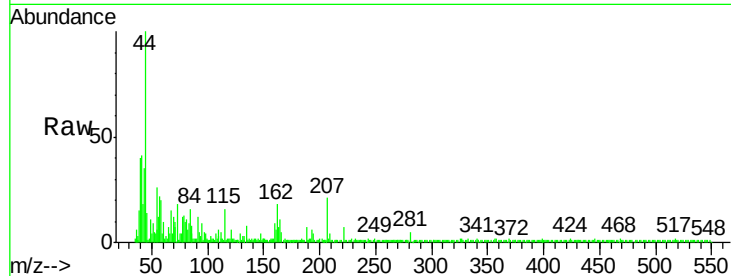




#54
2,4-Dinitrophenol
Concen: 6.013 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

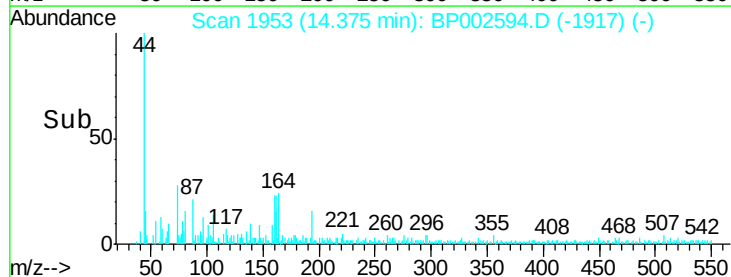
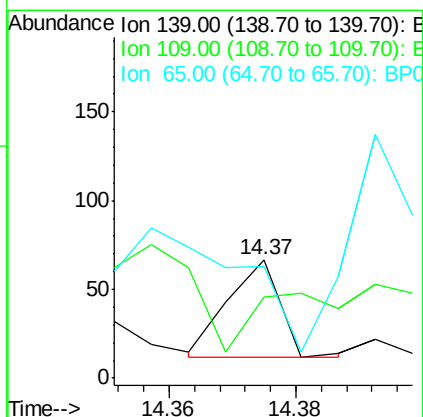
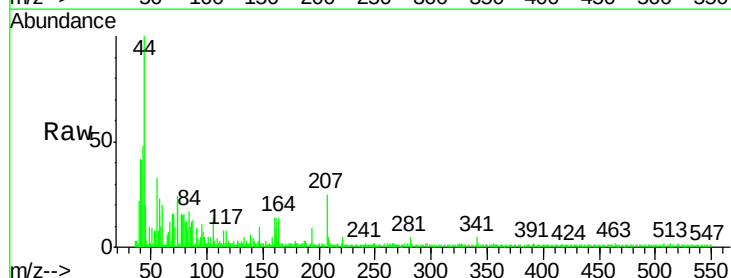
Instrument :
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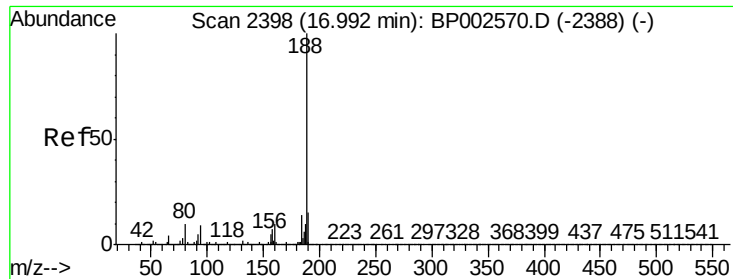
Tot Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 210.7 56.2 84.2#
154 53.6 50.9 76.3



#56
4-Nitrophenol
Concen: 2.441 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.09 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 68.7 60.1 100.1
65 94.0 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: BP002594.D

Acq: 01 Jul 2020 08:07

Instrument :

BNA_P

ClientSampleId :

AU-06-062620

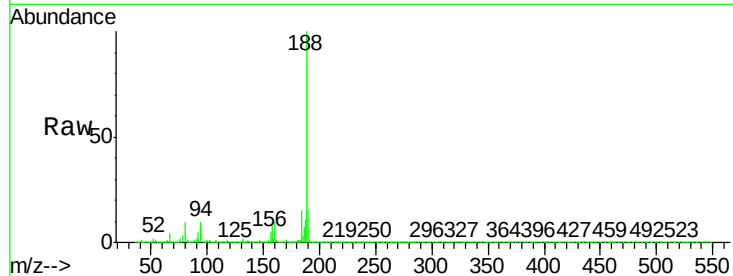
Tot Ion:188 Resp: 1310805

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

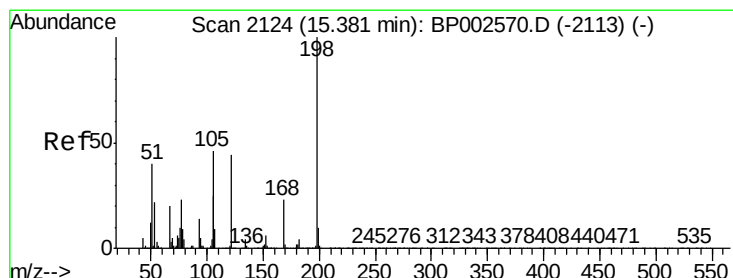
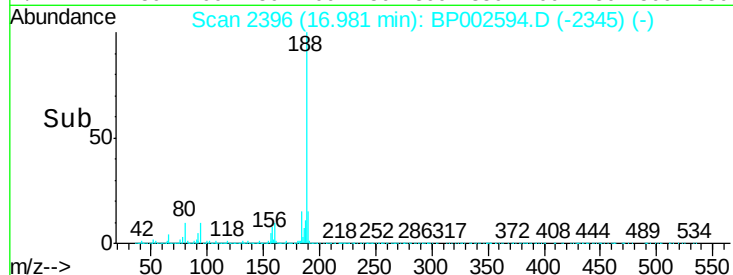
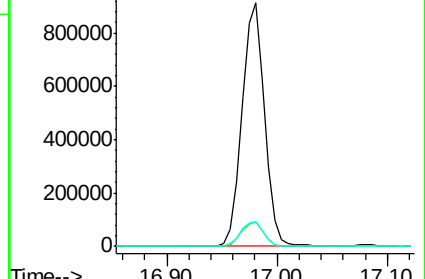
80 10.4 8.2 12.4



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: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

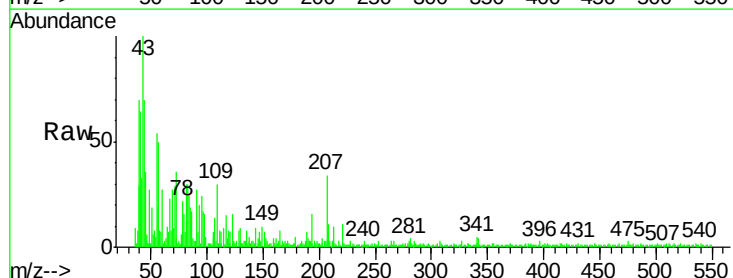
Tgt Ion:198 Resp: 11

Ion Ratio Lower Upper

198 100

51 604.5 24.2 64.2#

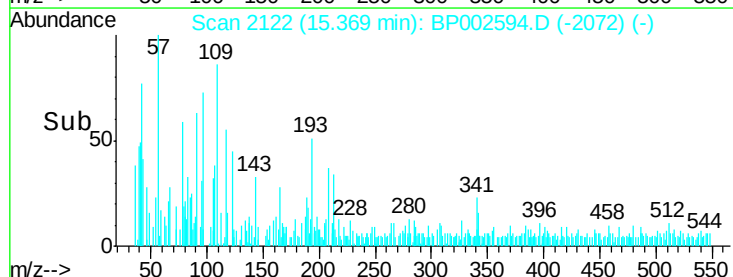
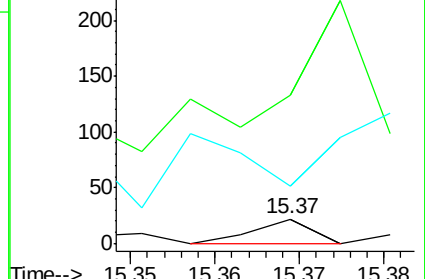
105 231.8 20.7 60.7#

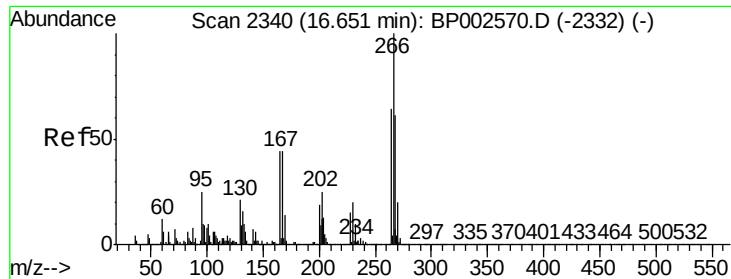


Abundance Ion 198.00 (197.70 to 198.70): E

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: 16.87 min Scan# 2377

Delta R.T. 0.22 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

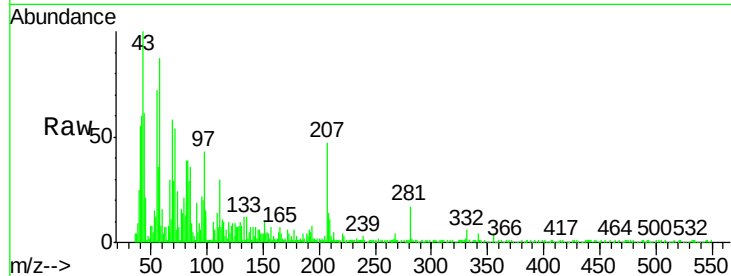
Instrument :

BNA_P

ClientSampleId :

AU-06-062620

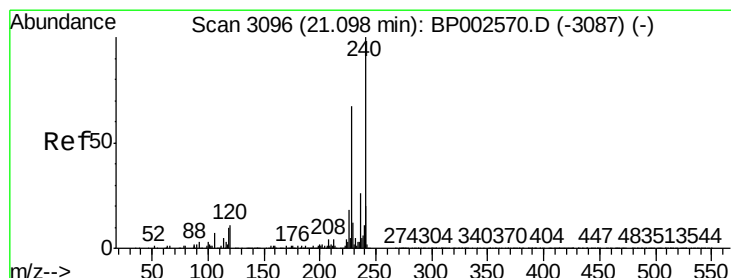
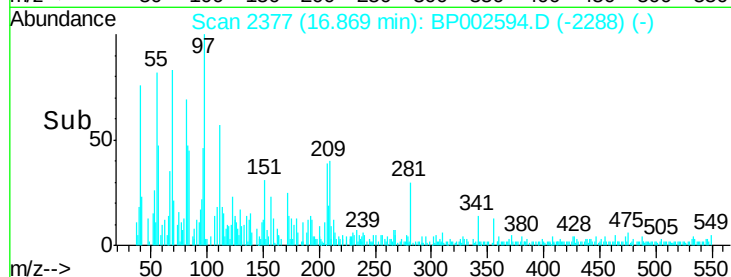
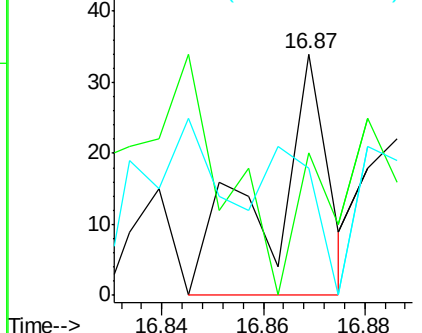
Tot Ion:	266	Resp:	27
Ion	Ratio	Lower	Upper
266	100		
268	58.8	49.7	74.5
264	52.9	49.3	73.9



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

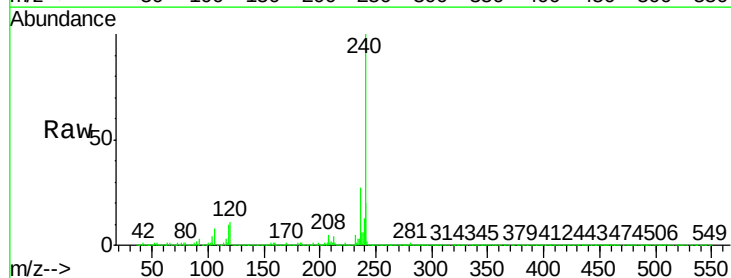
RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

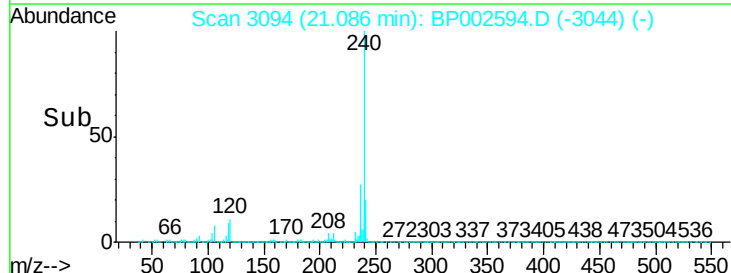
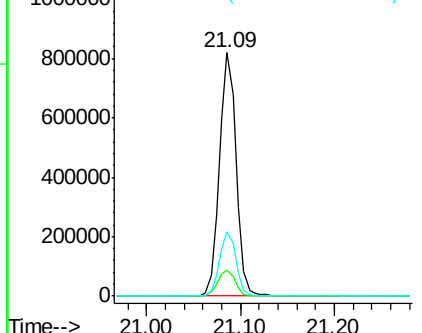
Tgt Ion:	240	Resp:	1020469
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	13.0
236	26.6	20.8	31.2

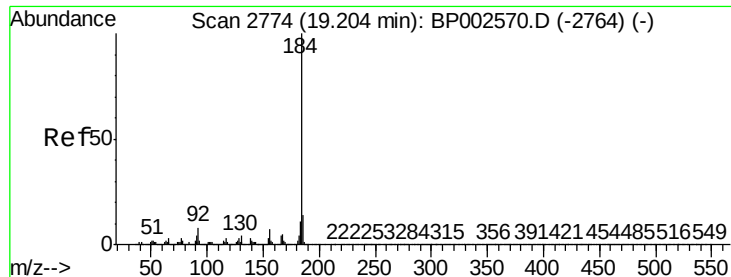


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.758 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

Instrument :

BNA_P

ClientSampleId :

AU-06-062620

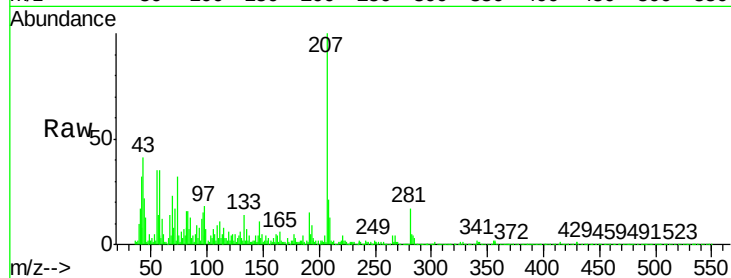
Tot Ion:184 Resp: 66

Ion Ratio Lower Upper

184 100

185 147.0 11.4 17.2#

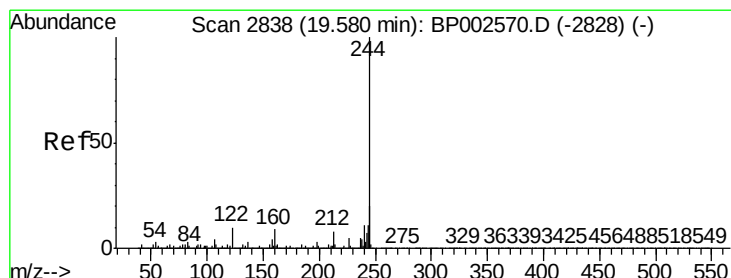
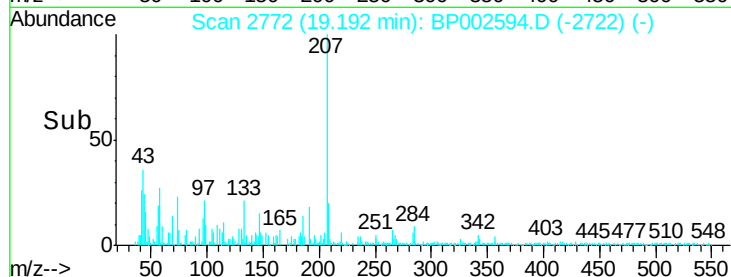
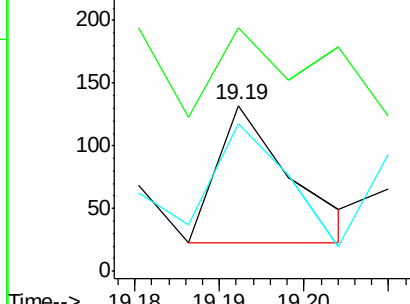
183 89.4 9.2 13.8#



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: 100.863 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002594.D

Acq: 01 Jul 2020 08:07

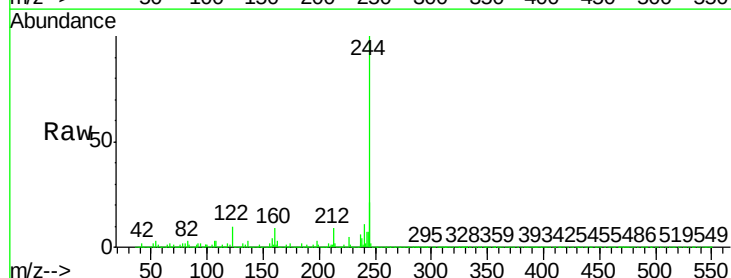
Tgt Ion:244 Resp: 4768520

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

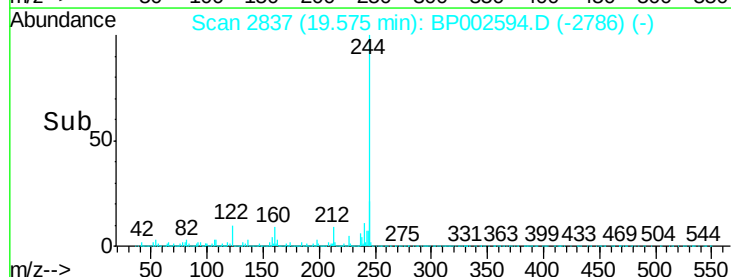
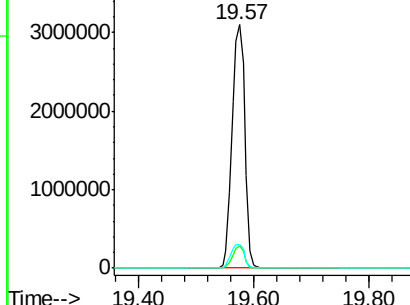
122 9.7 7.9 11.9

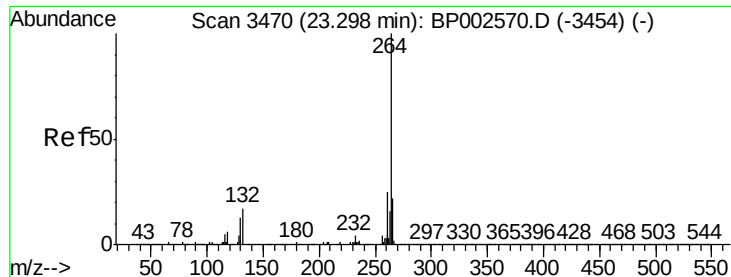


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

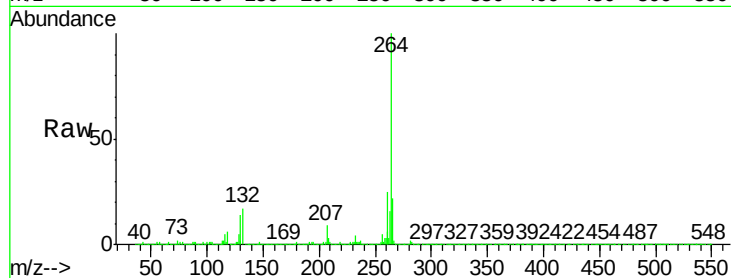




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002594.D
Acq: 01 Jul 2020 08:07

Instrument :
BNA_P
ClientSampleId :
AU-06-062620

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.4	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

