

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002935.D
 Acq On : 07 Aug 2020 16:52
 Operator : CG/JU
 Sample : L3594-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 07 17:51:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	214924	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	803540	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	486882	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1094379	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	1380353	20.00	ng	0.00
86) Perylene-d12	23.45	264	1689724	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1444826	102.89	ng	0.00
7) Phenol-d6	6.88	99	1606074	82.38	ng	-0.01
23) Nitrobenzene-d5	8.85	82	1141475	76.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	848765	140.26	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	2876518	80.72	ng	-0.01
79) Terphenyl-d14	19.67	244	5109354	74.10	ng	-0.01

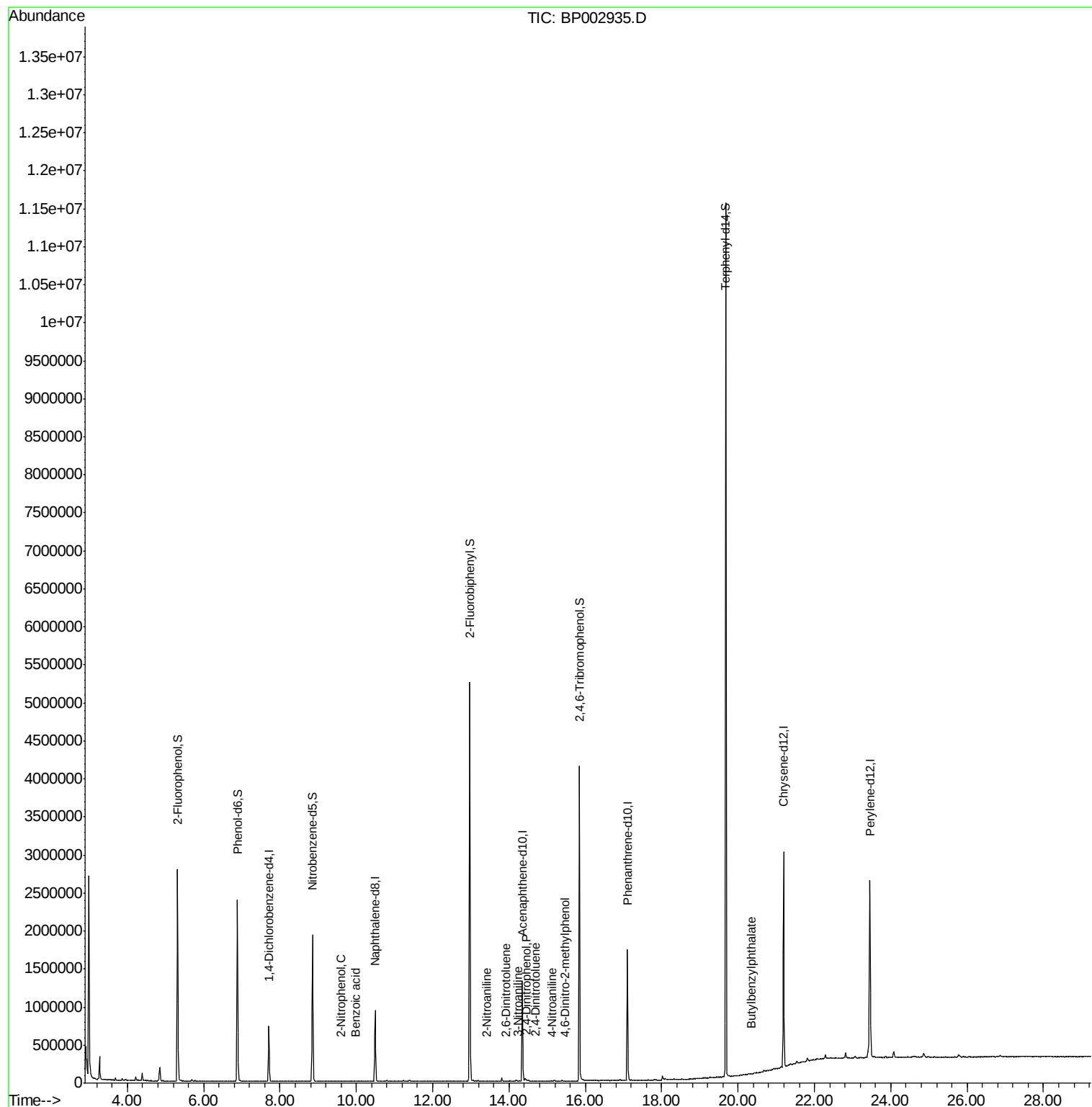
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	30	4.525	ng	# 1
32) Benzoic acid	9.98	122	555	7.748	ng	# 83
48) 2-Nitroaniline	13.40	65	103	3.984	ng	# 46
51) 2,6-Dinitrotoluene	13.92	165	170	2.918	ng	# 87
53) 3-Nitroaniline	14.23	138	41	3.278	ng	# 11
54) 2,4-Dinitrophenol	14.45	184	19	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	133	3.817	ng	# 79
62) 4-Nitroaniline	15.13	138	64	2.423	ng	# 91
65) 4,6-Dinitro-2-methylphenol	15.46	198	22	6.904	ng	# 1
80) Butylbenzylphthalate	20.36	149	756	3.076	ng	# 61

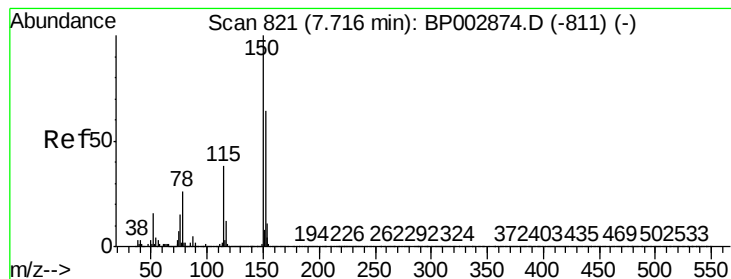
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

Instrument :

BNA_G

ClientSampleId :

TP-3

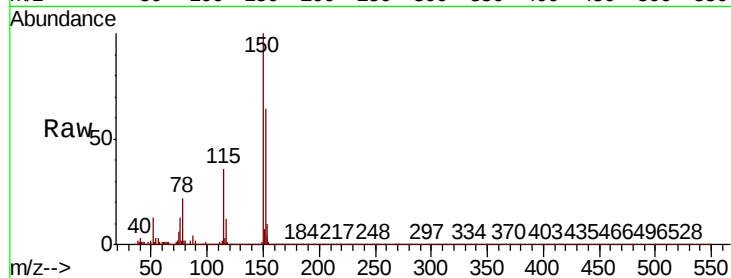
Tot Ion:152 Resp: 214924

Ion Ratio Lower Upper

152 100

150 156.8 124.8 187.2

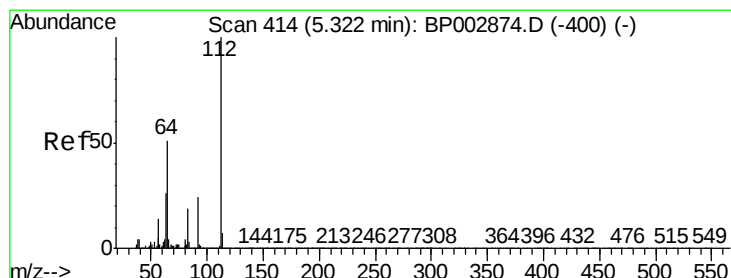
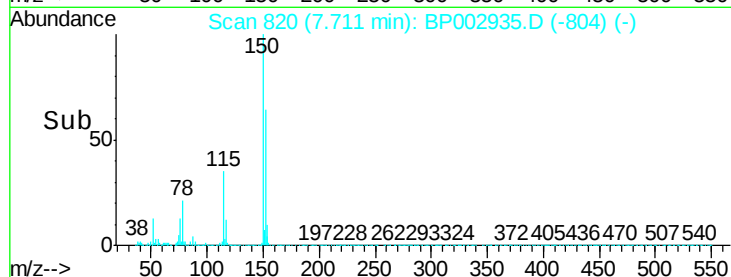
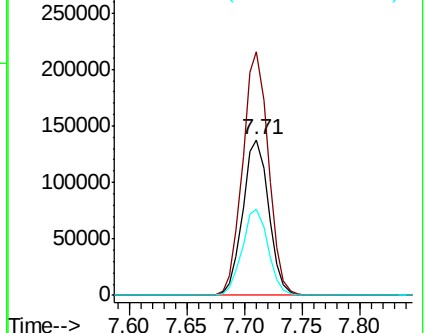
115 55.7 47.4 71.2



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: 102.888 ng

RT: 5.32 min Scan# 413

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

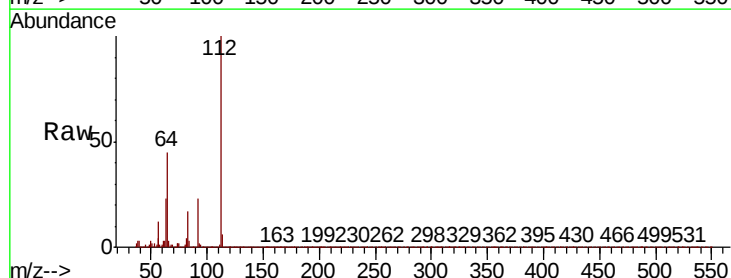
Tgt Ion:112 Resp: 1444826

Ion Ratio Lower Upper

112 100

64 44.8 41.0 61.6

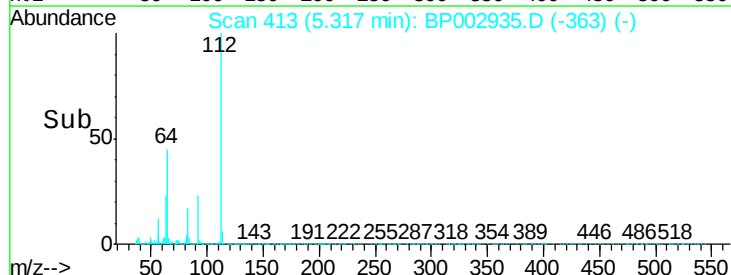
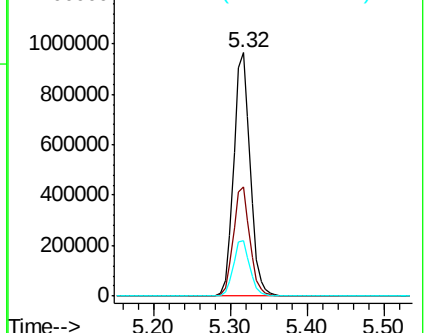
63 22.9 20.7 31.1

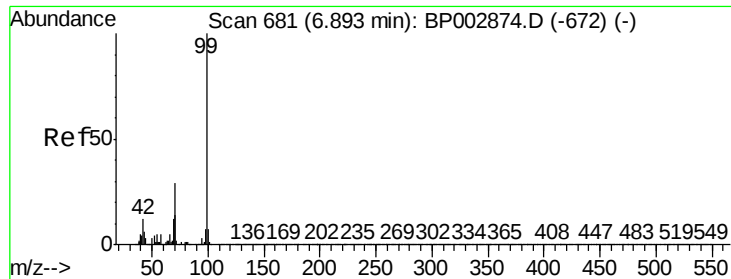


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 82.377 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

Instrument :

BNA_G

ClientSampled :

TP-3

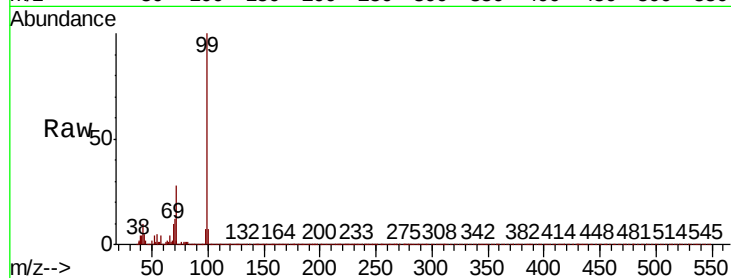
Tot Ion: 99 Resp: 1606074

Ion Ratio Lower Upper

99 100

42 10.4 9.3 13.9

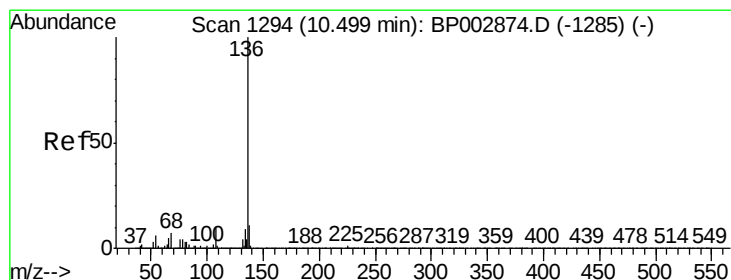
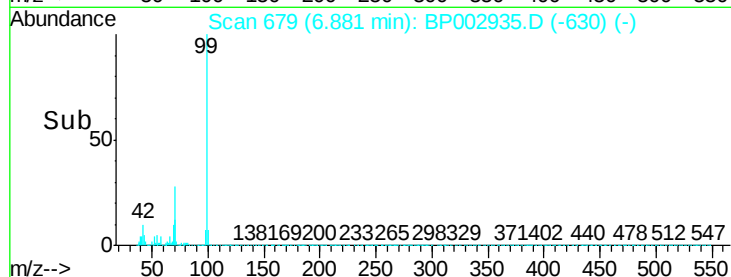
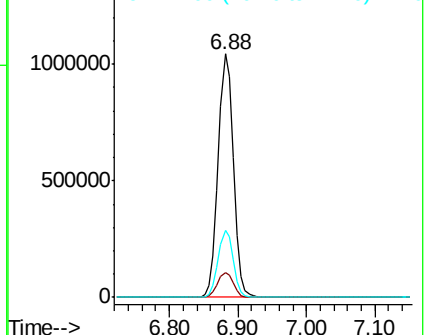
71 27.6 23.5 35.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

Tgt Ion: 136 Resp: 803540

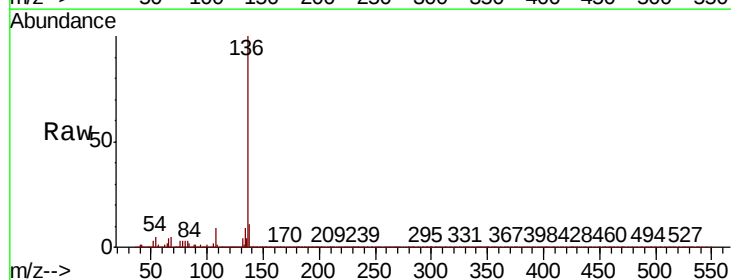
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.1 5.1 7.7

68 5.3 5.3 7.9

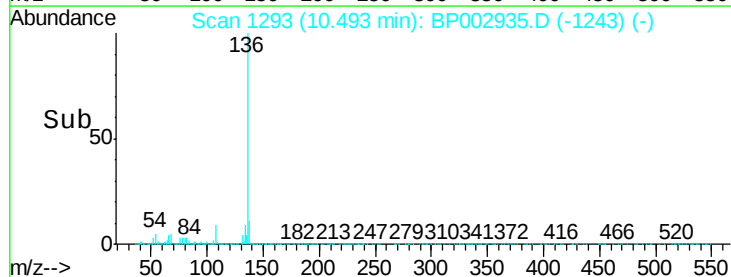
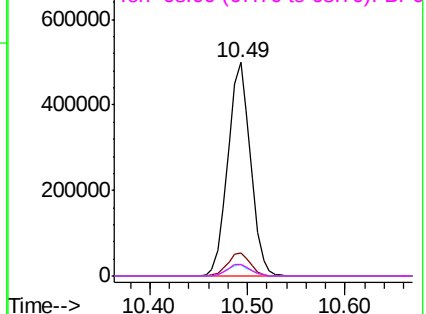


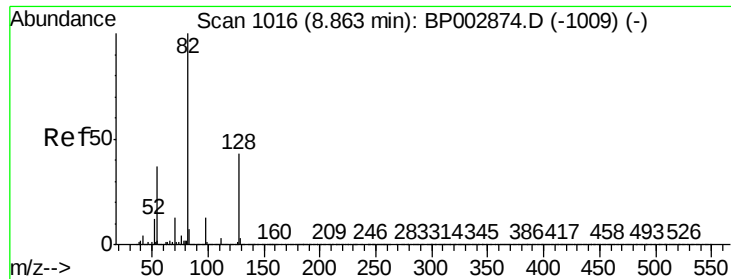
Abundance Ion 136.00 (135.70 to 136.70): E

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

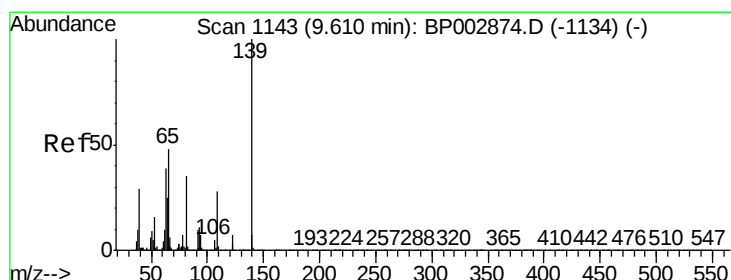
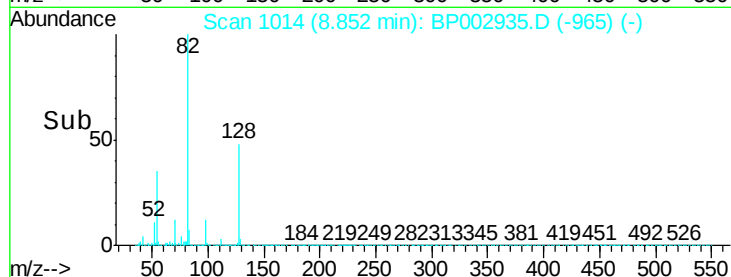
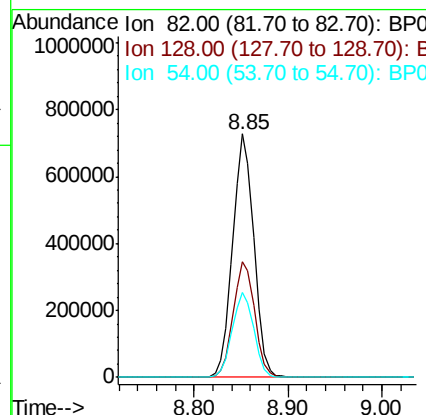
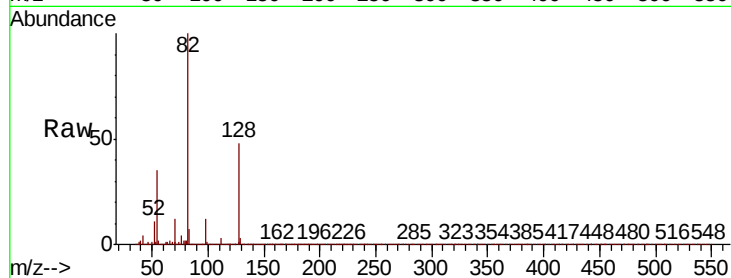




#23
 Nitrobenzene-d5
 Concen: 76.941 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:52

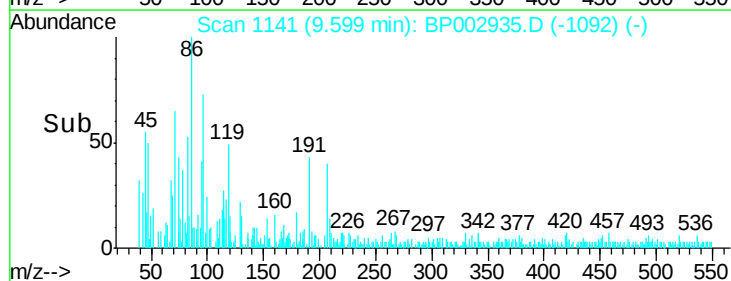
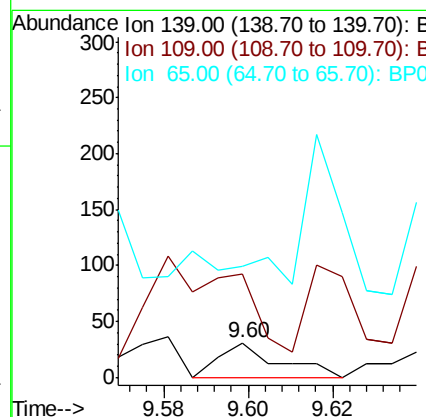
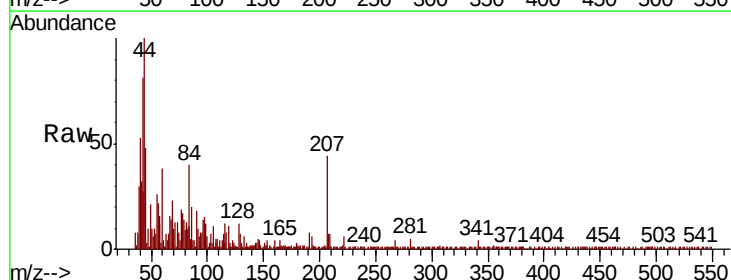
Instrument :
 BNA_G
 ClientSampled :
 TP-3

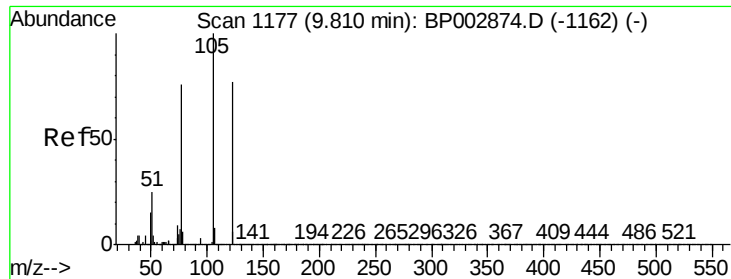
Tot Ion: 82 Resp: 1141475
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 35.0 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.525 ng
 RT: 9.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:52

Tgt Ion: 139 Resp: 30
 Ion Ratio Lower Upper
 139 100
 109 296.8 22.2 33.2#
 65 319.4 38.9 58.3#

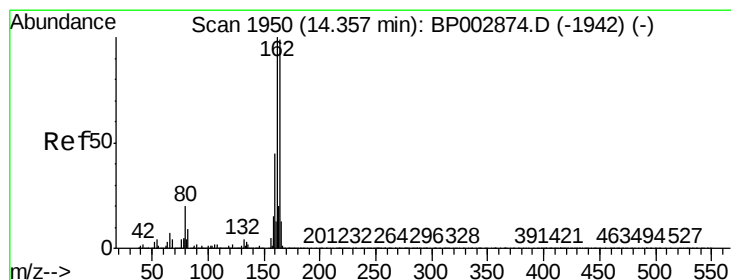
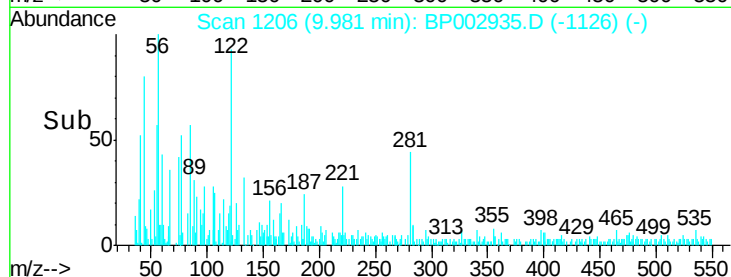
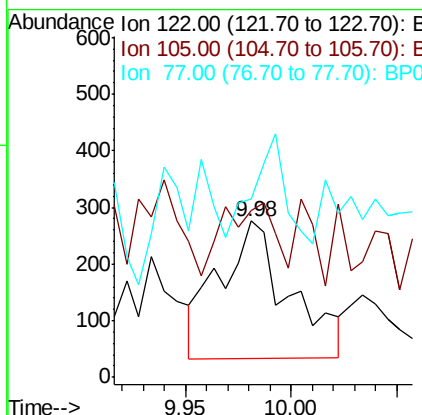
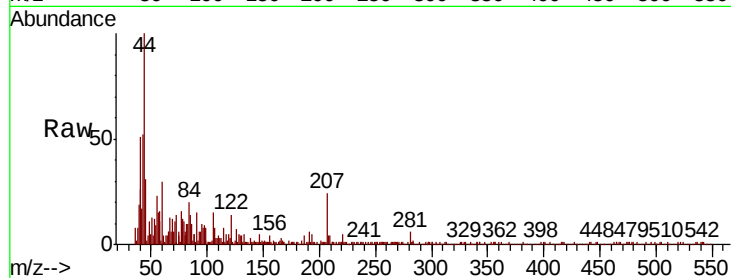




#32
Benzoic acid
Concen: 7.748 ng
RT: 9.98 min Scan# 1206
Delta R.T. 0.17 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

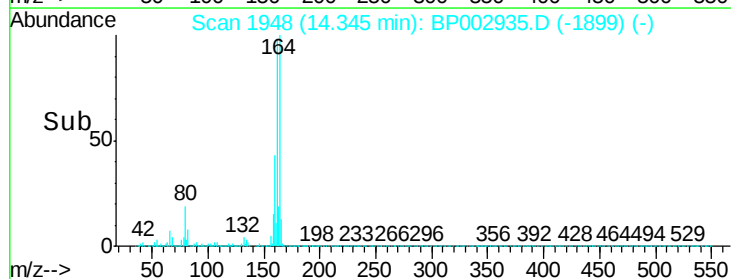
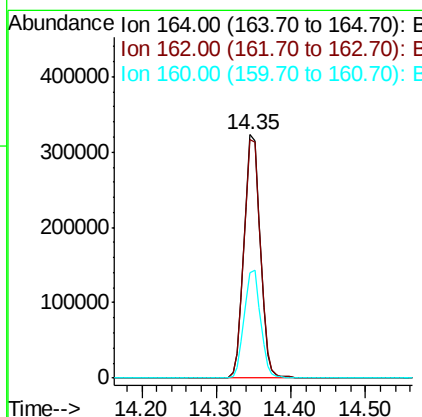
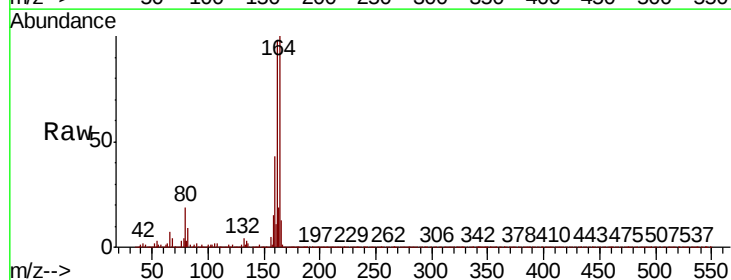
Instrument :
BNA_G
ClientSampled :
TP-3

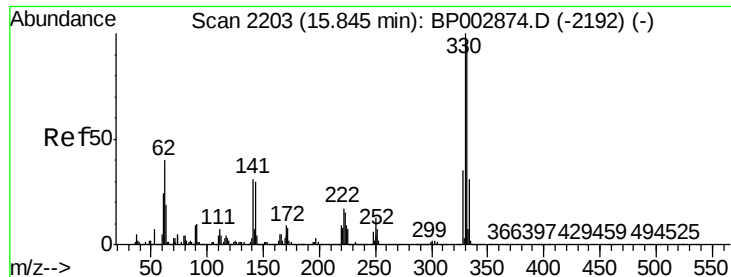
Tot Ion	Ratio	Lower	Upper
122	100		
105	106.5	103.4	143.4
77	113.8	74.6	114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.0	121.6
160	43.4	36.2	54.4

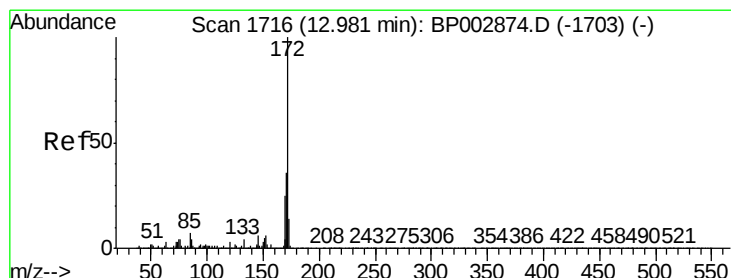
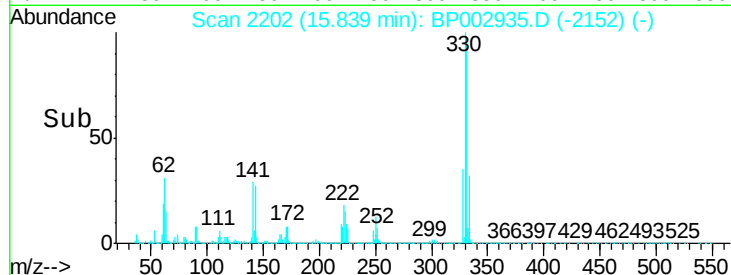
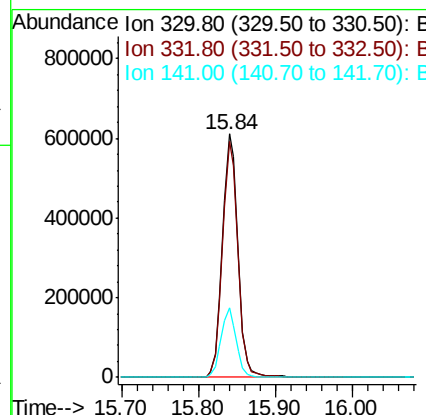
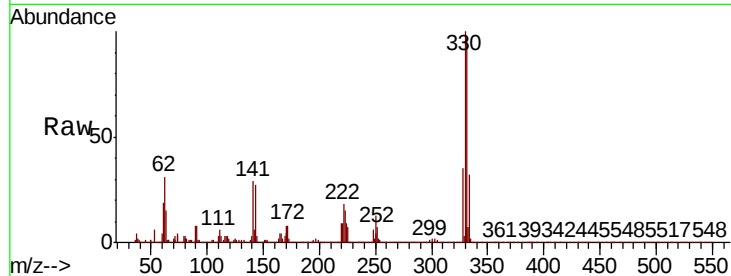




#42
2,4,6-Tribromophenol
Concen: 140.260 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

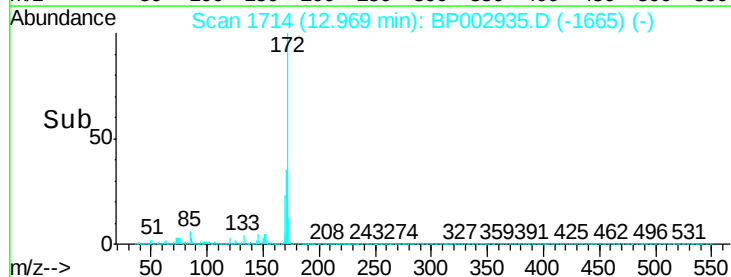
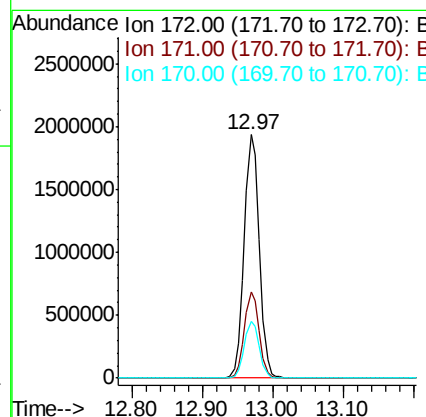
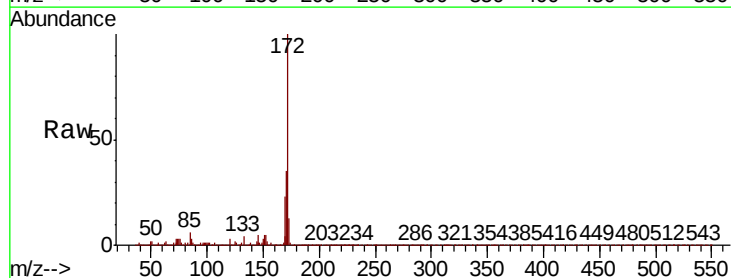
Instrument :
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ClientSampleId :
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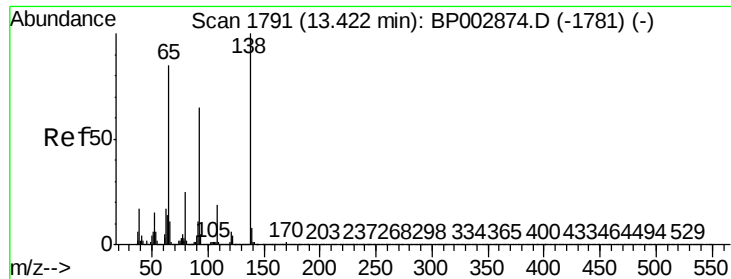
Tot Ion:330 Resp: 848765
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.0 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 80.721 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion:172 Resp: 2876518
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.3 19.6 29.4

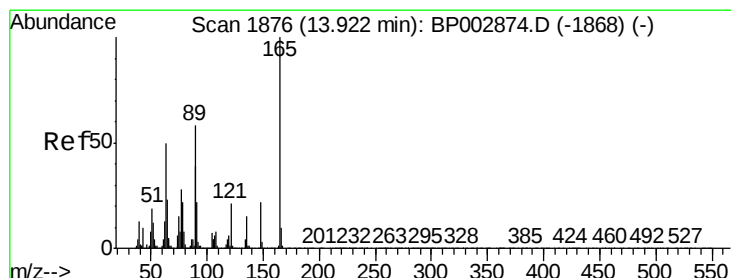
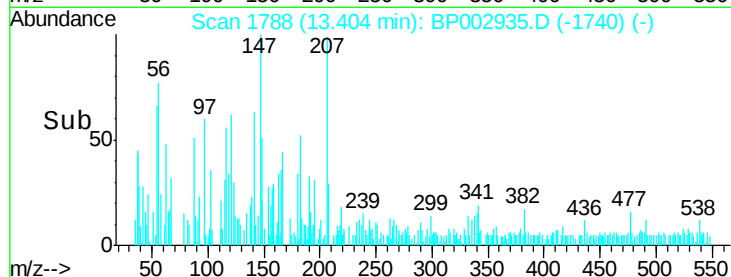
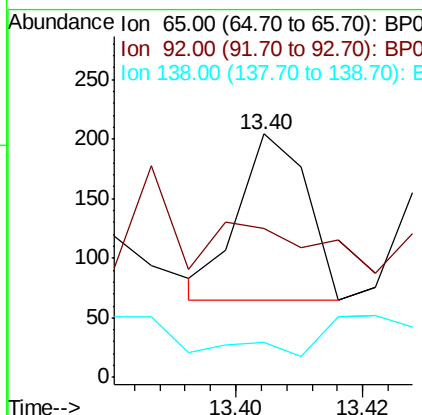
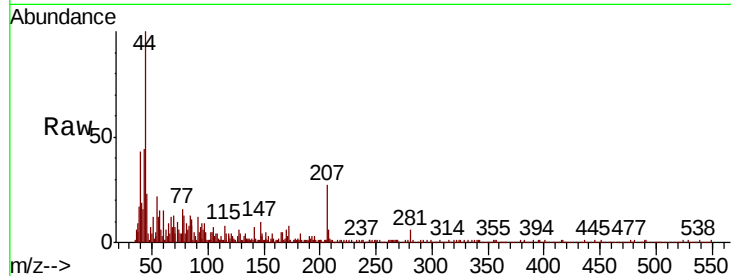




#48
2-Nitroaniline
Concen: 3.984 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

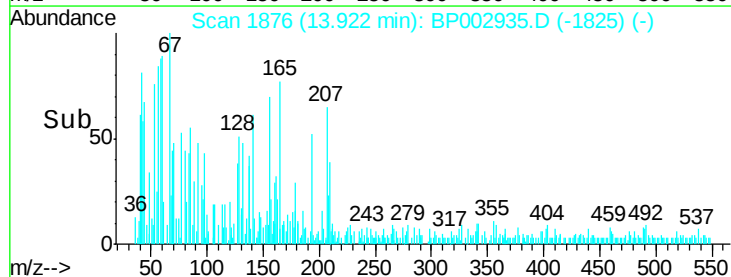
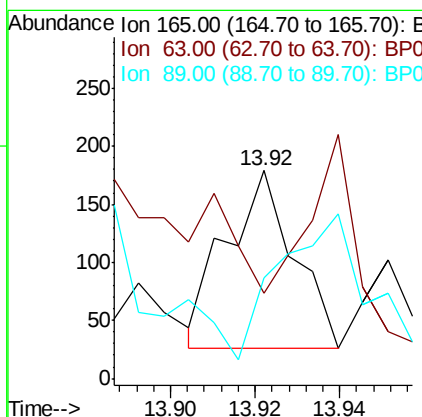
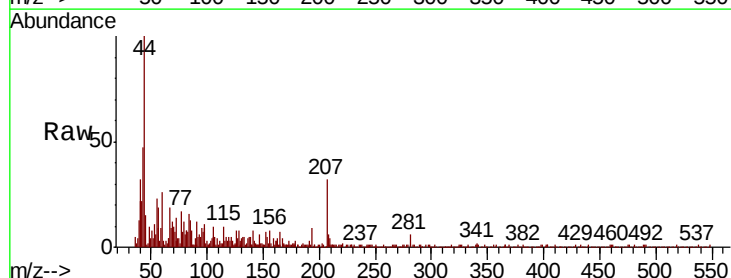
Instrument :
BNA_G
ClientSampleId :
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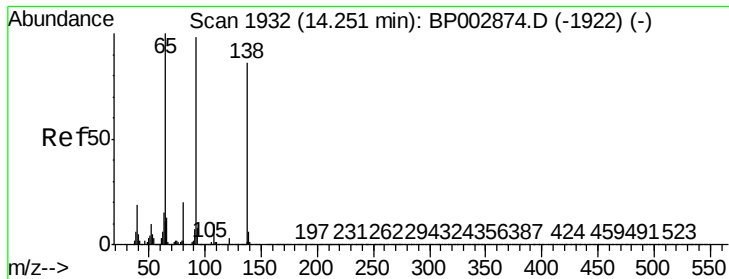
Tot Ion: 65 Resp: 103
Ion Ratio Lower Upper
65 100
92 61.3 61.4 92.0#
138 31.9 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.918 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion: 165 Resp: 170
Ion Ratio Lower Upper
165 100
63 40.8 40.3 60.5
89 48.6 46.5 69.7

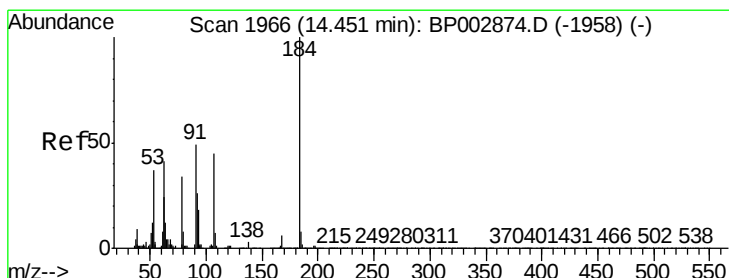
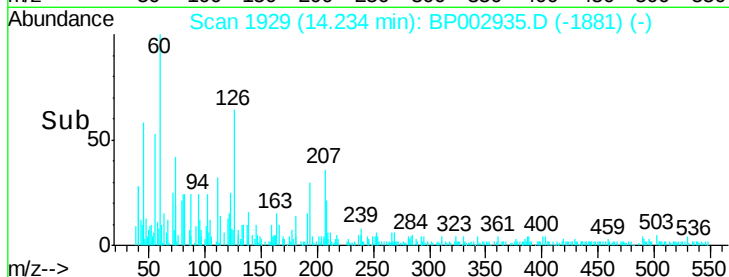
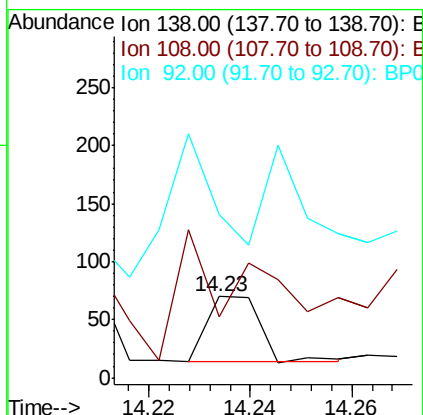
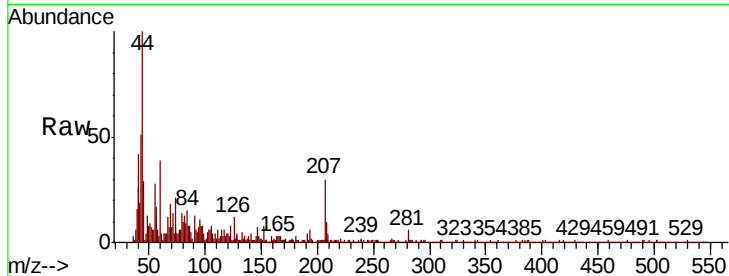




#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

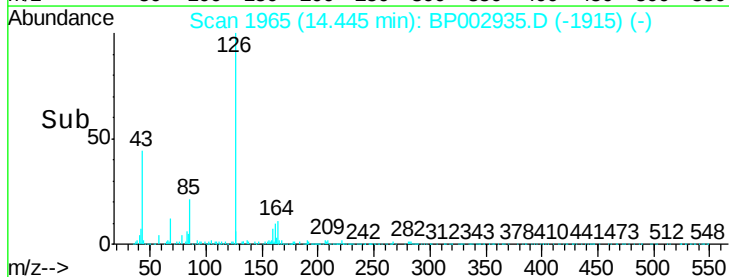
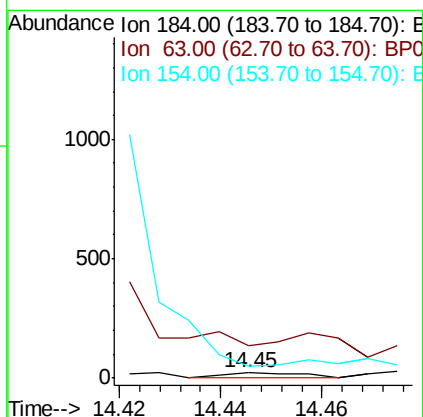
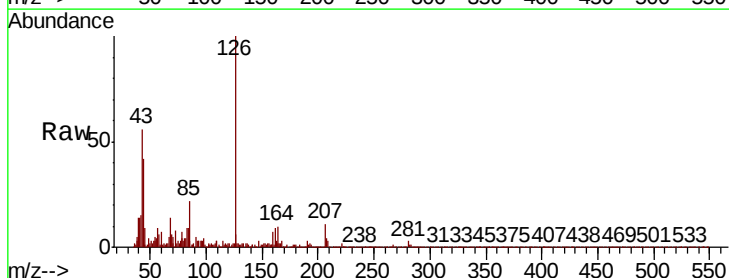
Instrument :
BNA_G
ClientSampled :
TP-3

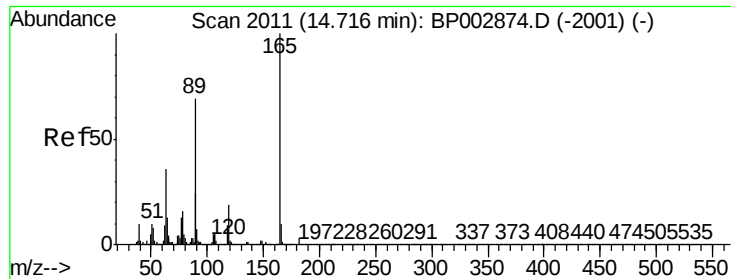
Tot Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
108 74.3 9.4 14.0#
92 201.4 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 618.2 50.3 75.5#
154 213.6 50.6 76.0#

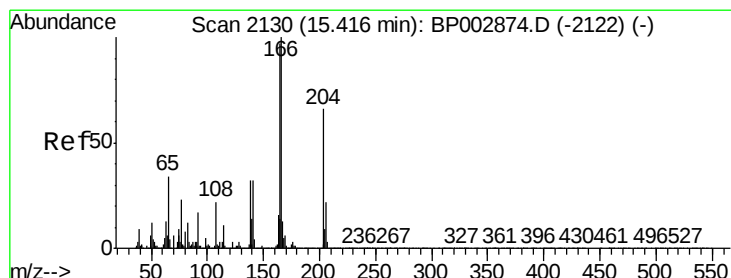
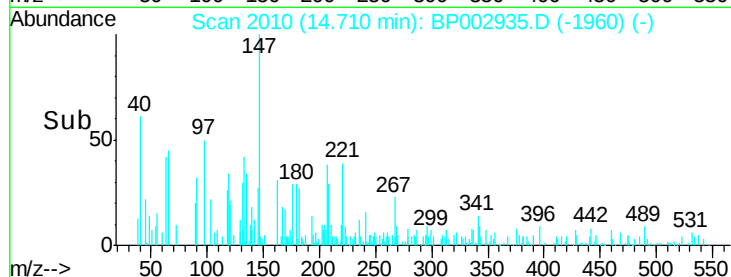
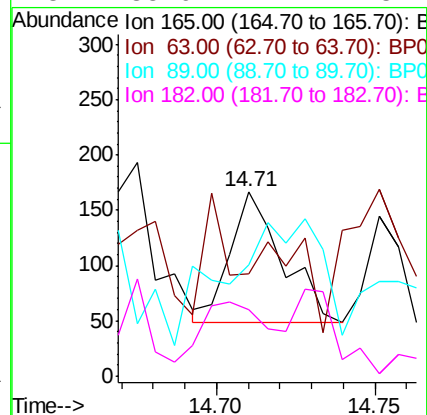
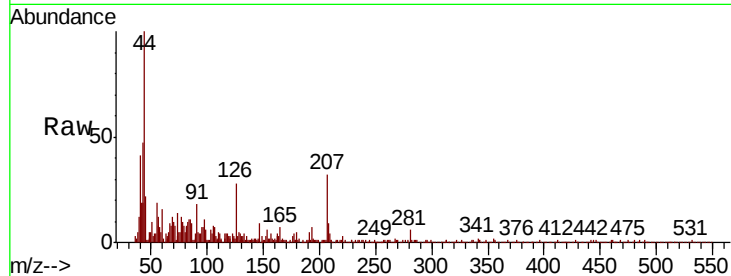




#57
2,4-Dinitrotoluene
Concen: 3.817 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

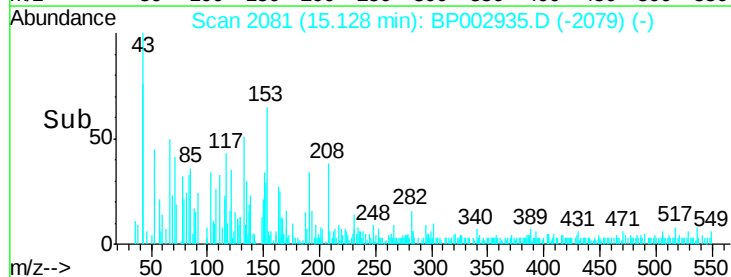
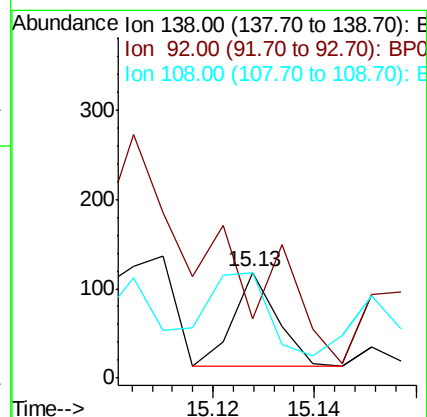
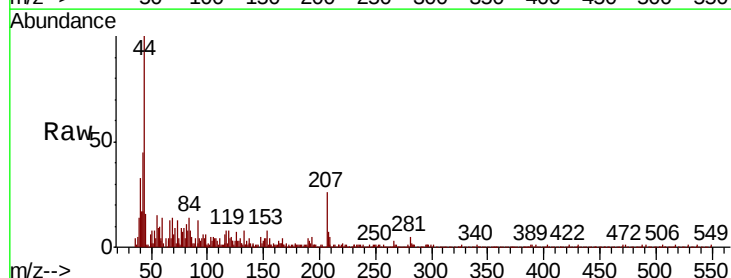
Instrument :
BNA_G
ClientSampled :
TP-3

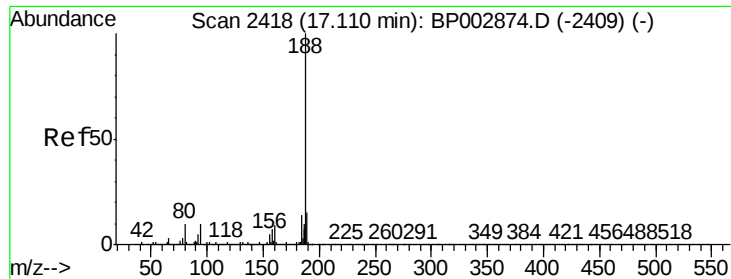
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	29.0	43.4#
89	60.5	55.5	83.3
182	35.9	2.2	3.4#



#62
4-Nitroaniline
Concen: 2.423 ng
RT: 15.13 min Scan# 2081
Delta R.T. -0.29 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.1	32.2	72.2
108	74.2	50.0	90.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

Instrument :

BNA_G

ClientSampleId :

TP-3

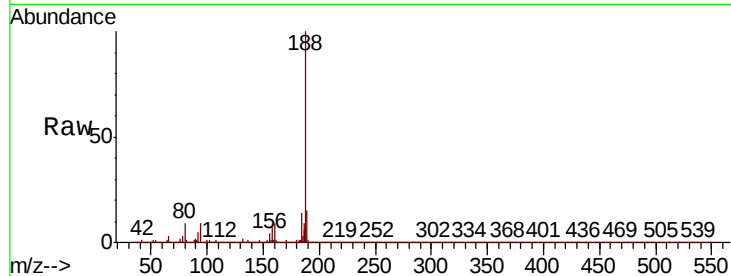
Tot Ion:188 Resp: 1094379

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

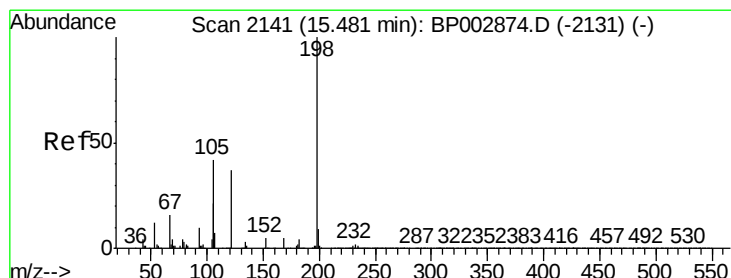
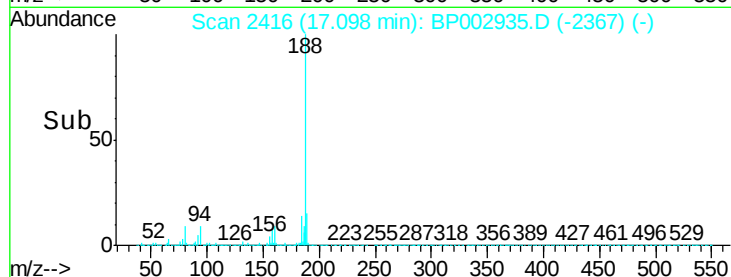
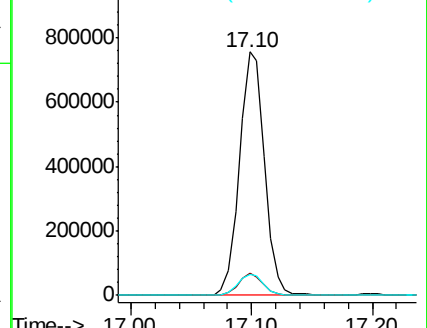
80 8.8 8.0 12.0



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: 6.904 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BP002935.D

Acq: 07 Aug 2020 16:52

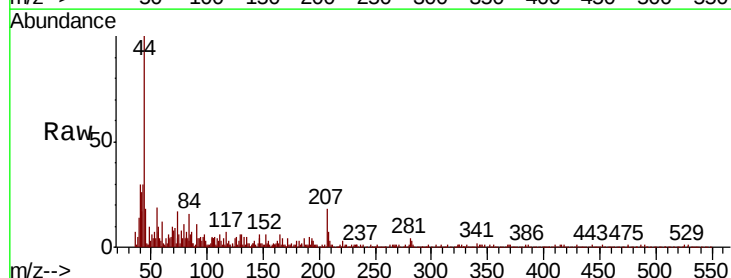
Tgt Ion:198 Resp: 22

Ion Ratio Lower Upper

198 100

51 950.0 11.6 51.6#

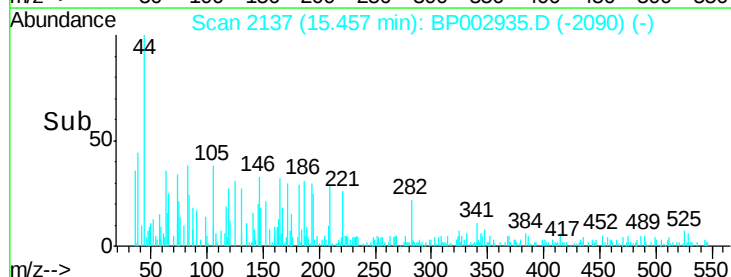
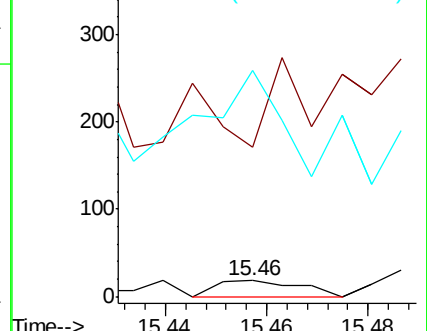
105 1438.9 23.8 63.8#

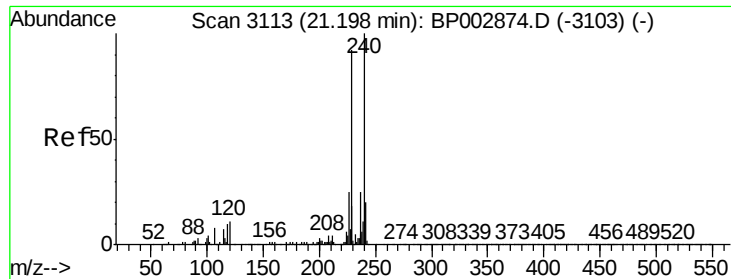


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

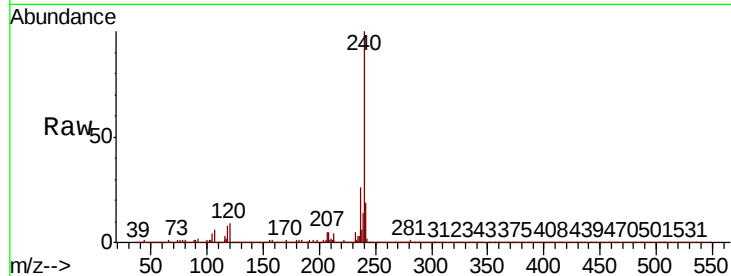




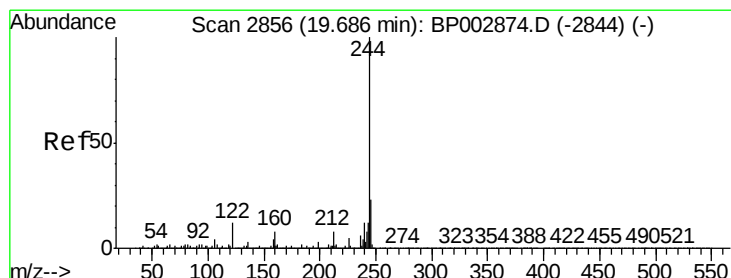
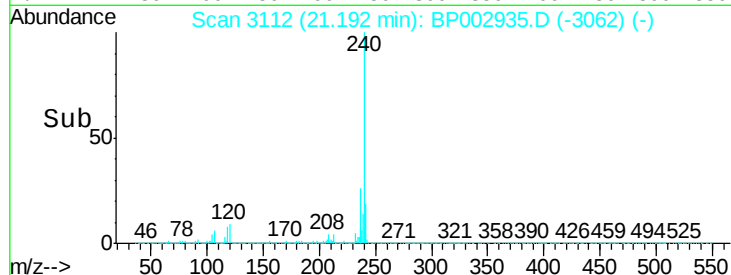
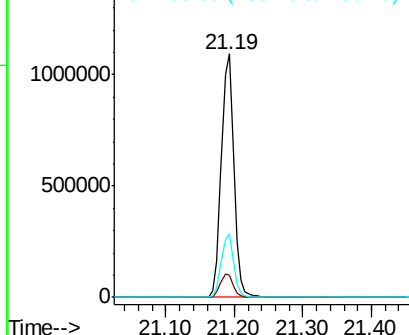
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:52

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:240 Resp: 1380353
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.9 13.3
 236 25.8 20.3 30.5

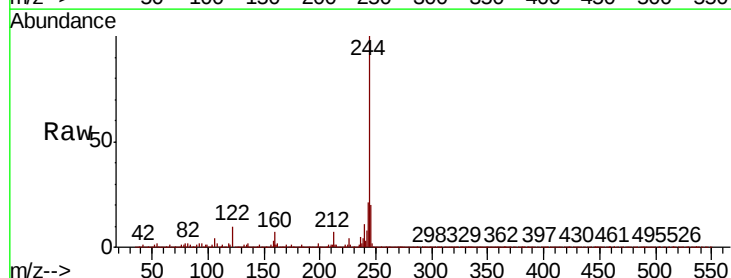


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

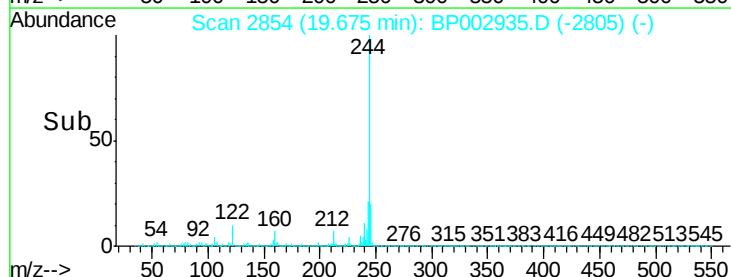
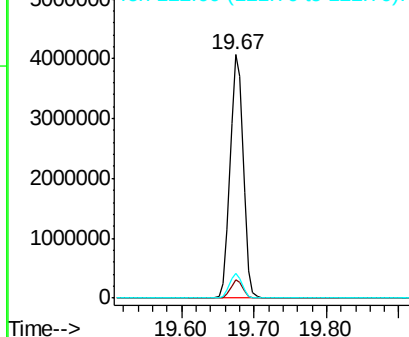


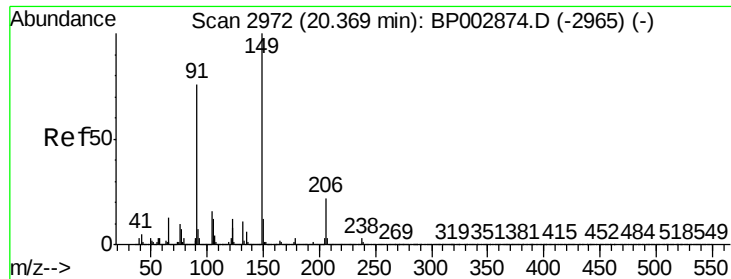
#79
 Terphenyl-d14
 Concen: 74.102 ng
 RT: 19.67 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BP002935.D
 Acq: 07 Aug 2020 16:52

Tgt Ion:244 Resp: 5109354
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 10.4 9.4 14.2



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

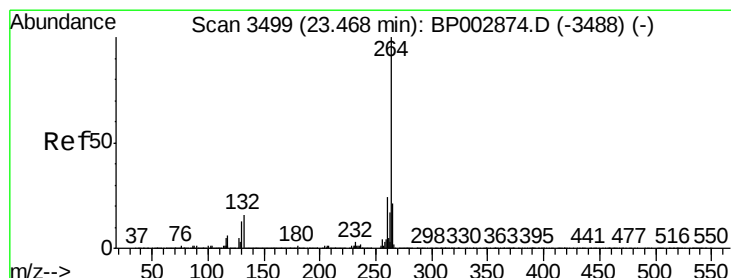
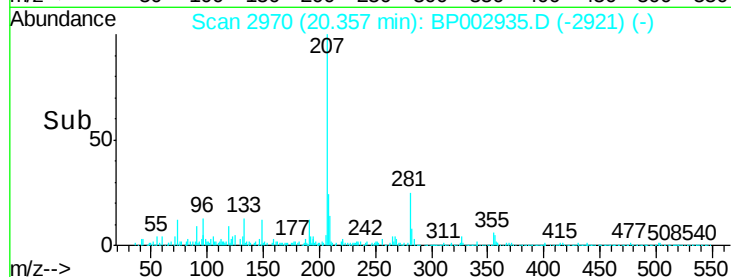
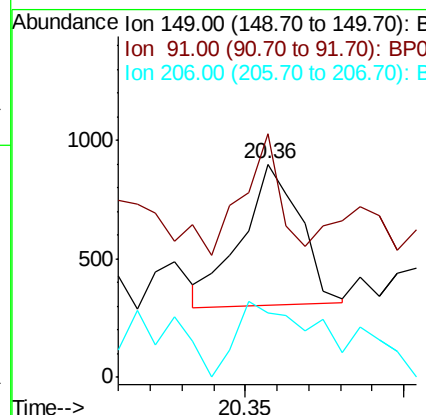
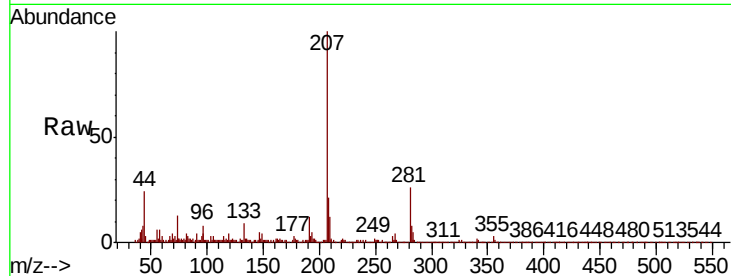




#80
Butylbenzylphthalate
Concen: 3.076 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:149 Resp: 756
Ion Ratio Lower Upper
149 100
91 114.1 60.5 90.7#
206 30.4 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002935.D
Acq: 07 Aug 2020 16:52

Tgt Ion:264 Resp: 1689724
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.5 17.0 25.4

