

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003039.D
 Acq On : 19 Aug 2020 18:55
 Operator : CG/JU
 Sample : PB130977BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130977BL

Quant Time: Aug 20 01:15:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

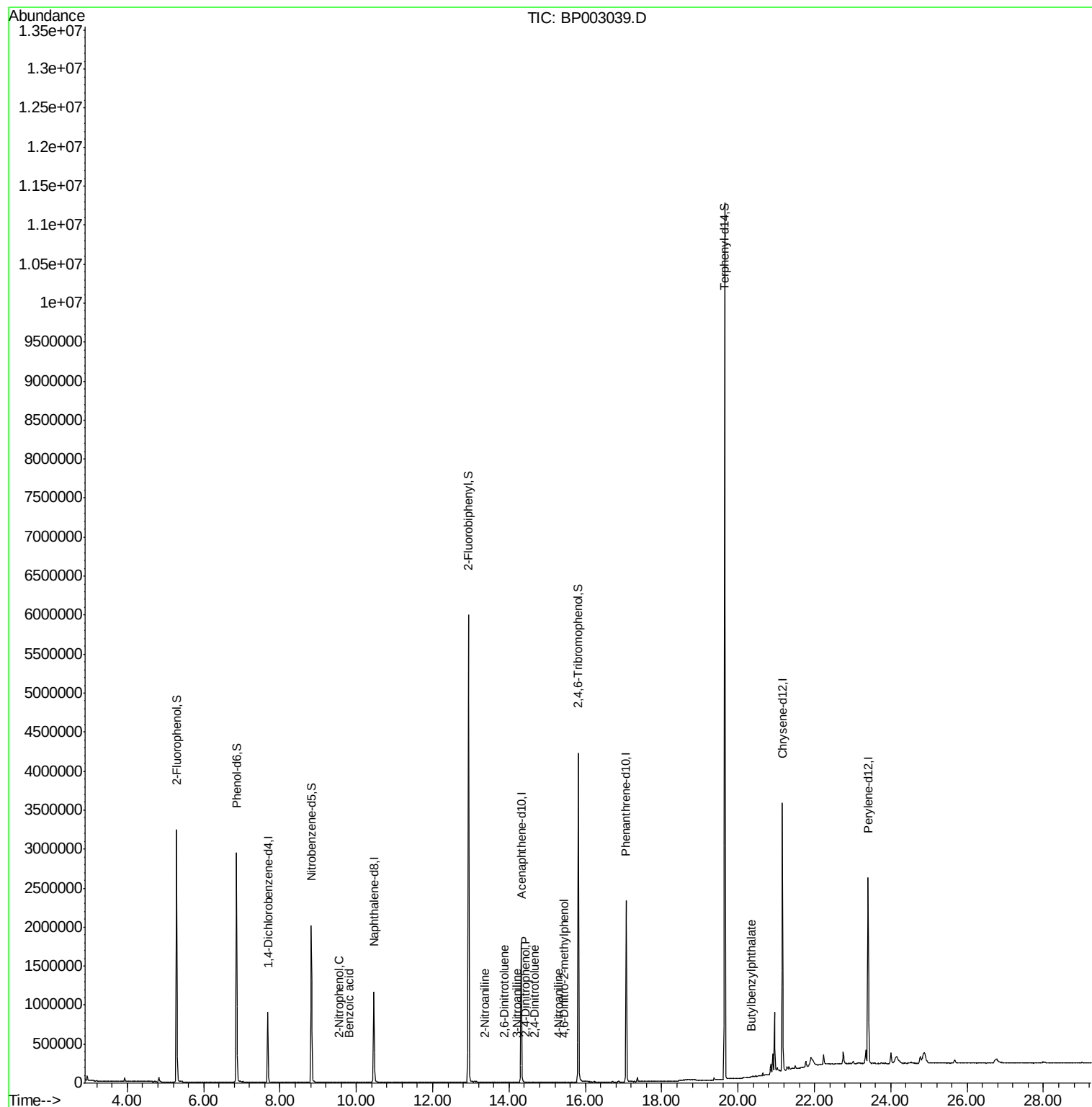
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	275289	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1101964	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	663540	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1465242	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1570132	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1671702	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1775980	98.74	ng	0.00
7) Phenol-d6	6.86	99	2082392	83.39	ng	0.00
23) Nitrobenzene-d5	8.82	82	1193452	58.66	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	911043	110.47	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3379895	69.60	ng	-0.01
79) Terphenyl-d14	19.64	244	5136373	65.49	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.55	139	51	4.525	ng	# 1
32) Benzoic acid	9.82	122	13	7.687	ng	# 1
48) 2-Nitroaniline	13.36	65	85	3.979	ng	# 9
51) 2,6-Dinitrotoluene	13.87	165	88	2.906	ng	95
53) 3-Nitroaniline	14.22	138	18	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	14	8.060	ng	# 34
57) 2,4-Dinitrotoluene	14.66	165	50	3.809	ng	# 70
62) 4-Nitroaniline	15.29	138	50	2.420	ng	74
65) 4,6-Dinitro-2-methylphenol	15.45	198	34	6.904	ng	# 1
80) Butylbenzylphthalate	20.33	149	1807	3.096	ng	97

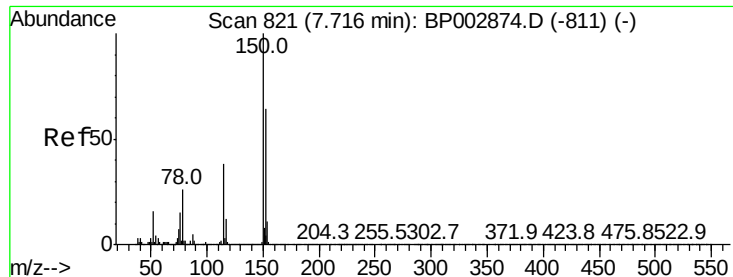
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

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Instrument :

BNA_P

ClientSampleId :

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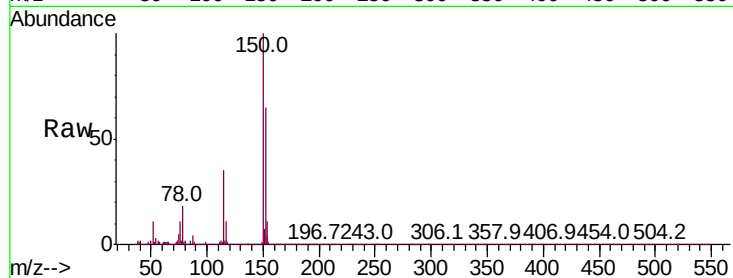
Tot Ion:152 Resp: 275289

Ion Ratio Lower Upper

152 100

150 153.9 126.1 189.1

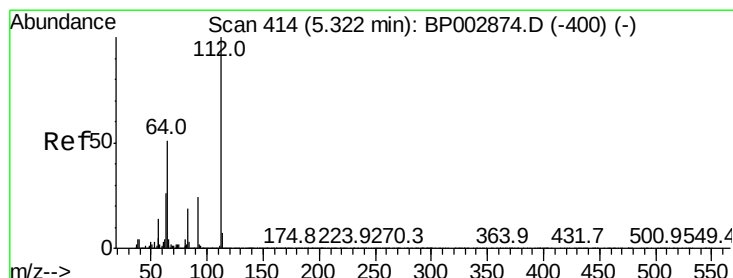
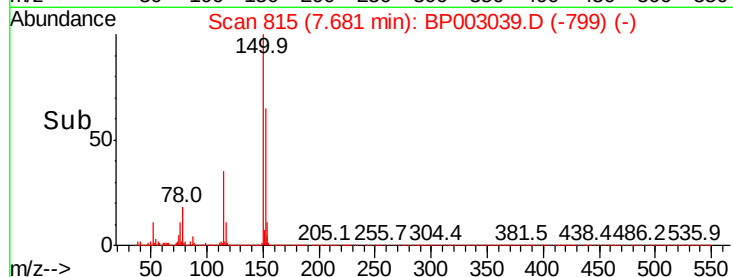
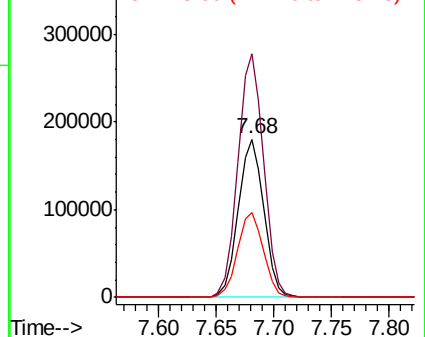
115 54.1 43.4 65.2



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: 98.737 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

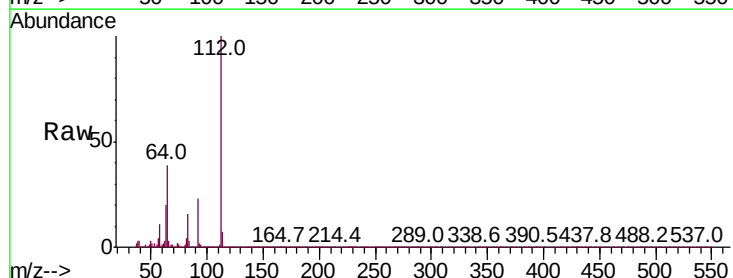
Tgt Ion:112 Resp: 1775980

Ion Ratio Lower Upper

112 100

64 38.9 33.4 50.2

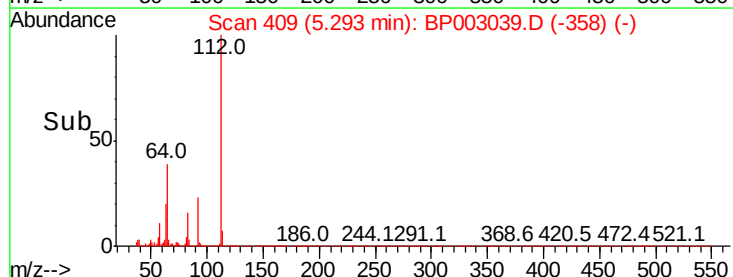
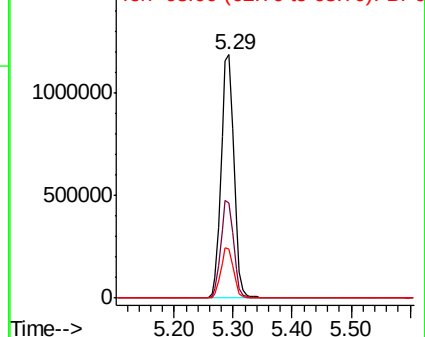
63 20.0 17.4 26.0

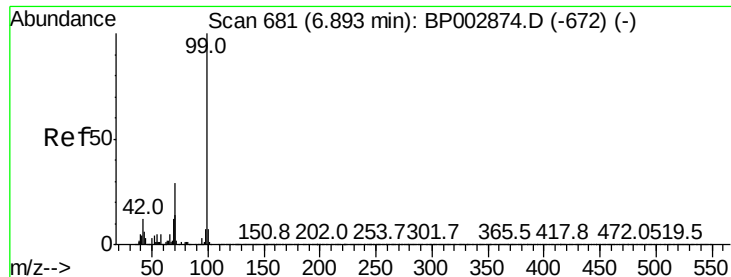


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 83.387 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

Instrument :

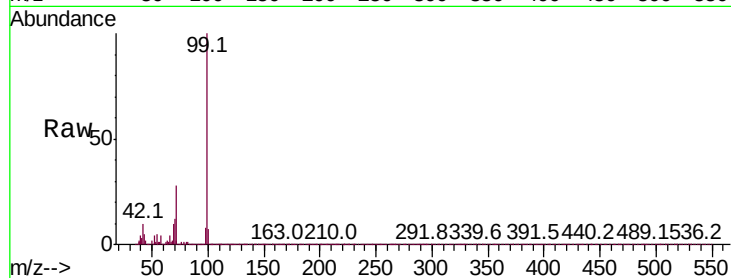
BNA_P

ClientSampleId :

PB130977BL

Tot Ion: 99 Resp: 2082392

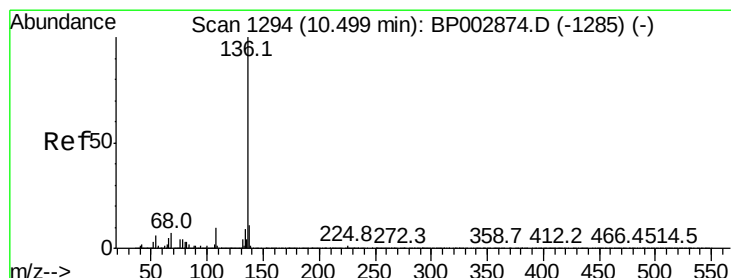
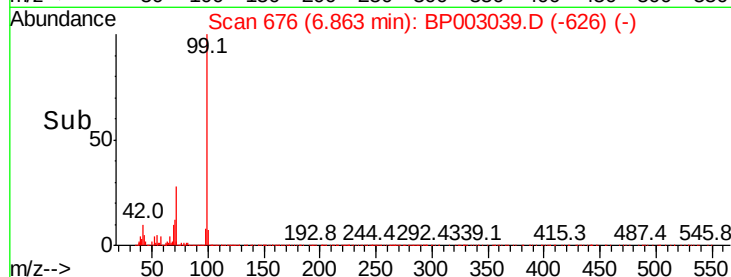
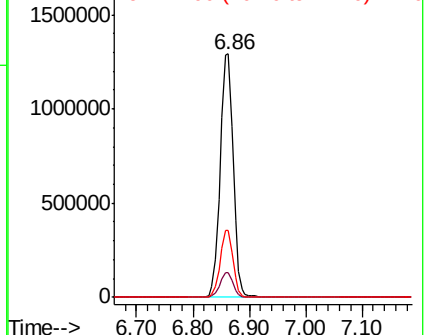
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	27.6	21.3	31.9



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: 10.46 min Scan# 1287

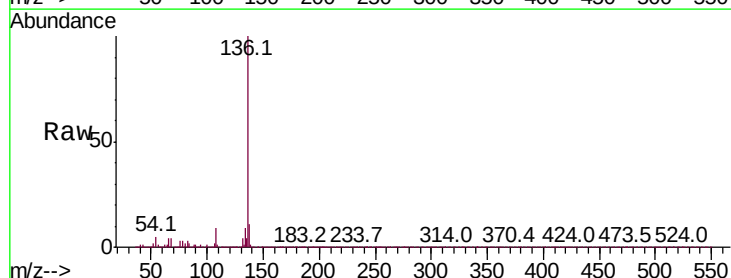
Delta R.T. -0.01 min

Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

Tgt Ion: 136 Resp: 1101964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.6	3.8	5.8
68	4.5	3.8	5.8

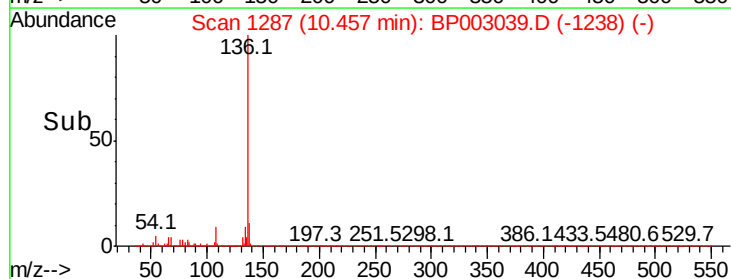
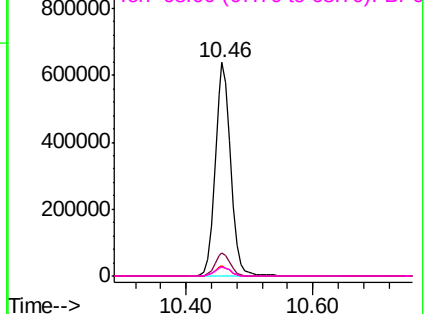


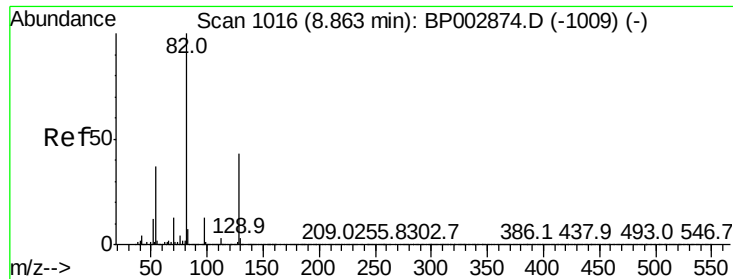
Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.659 ng

RT: 8.82 min Scan# 1009

Delta R.T. -0.01 min

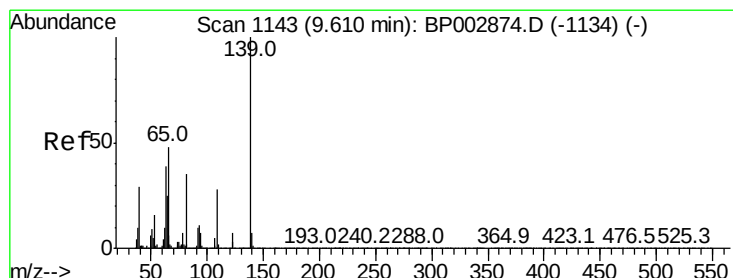
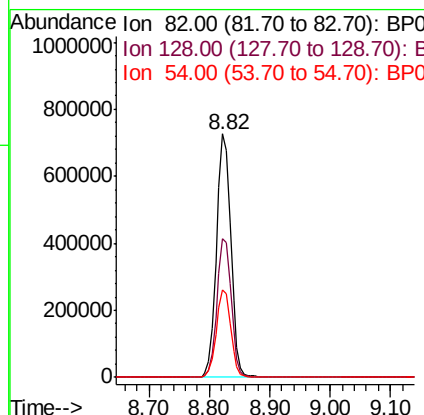
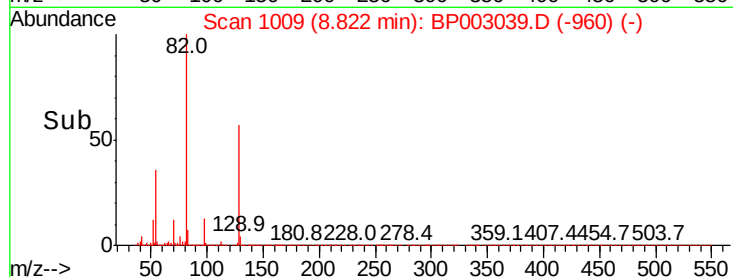
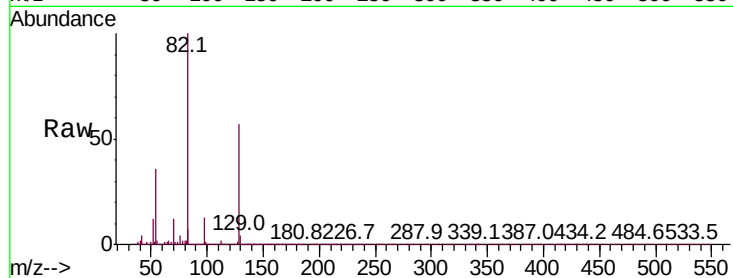
Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

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PB130977BL

Tot Ion: 82 Resp: 1193452

Ion	Ratio	Lower	Upper
82	100		
128	56.7	45.1	67.7
54	35.9	28.8	43.2



#26

2-Nitrophenol

Concen: 4.525 ng

RT: 9.55 min Scan# 1132

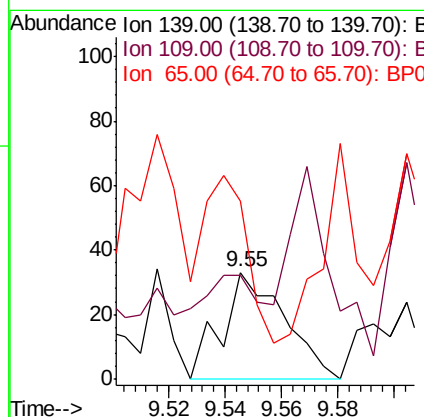
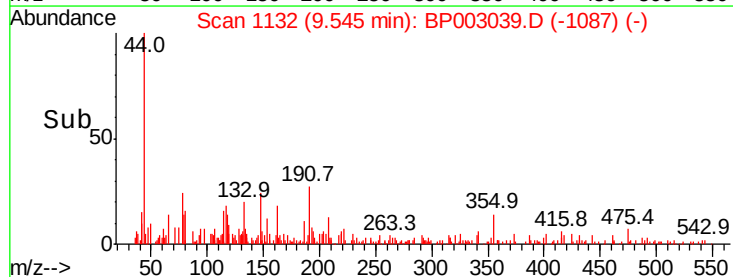
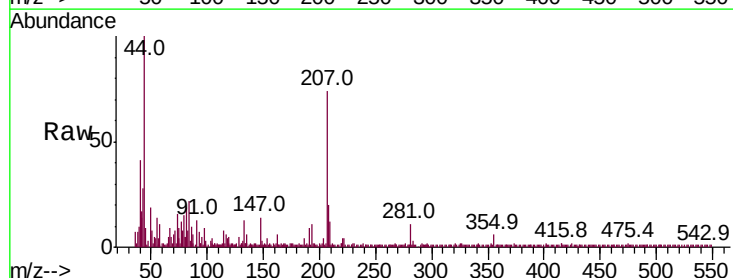
Delta R.T. -0.04 min

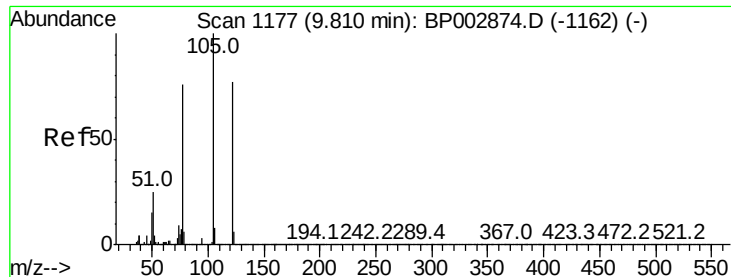
Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

Tgt Ion: 139 Resp: 51

Ion	Ratio	Lower	Upper
139	100		
109	97.0	21.0	31.6#
65	166.7	27.2	40.8#

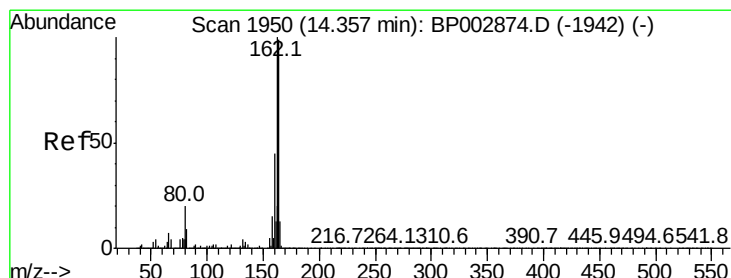
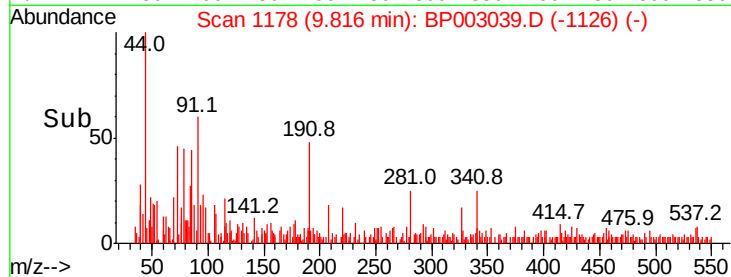
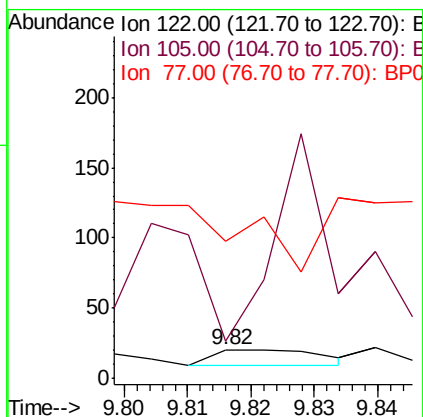
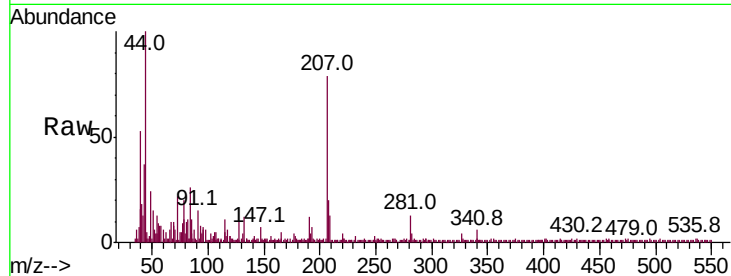




#32
Benzoic acid
Concen: 7.687 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

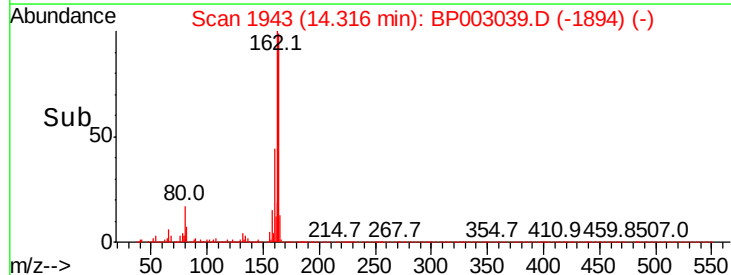
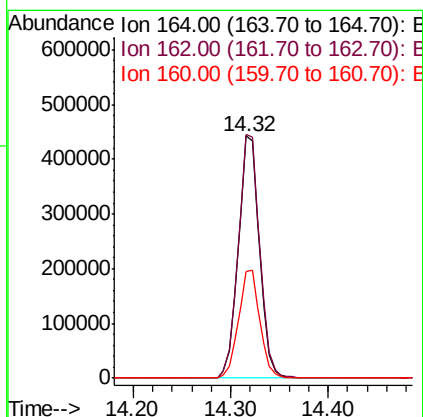
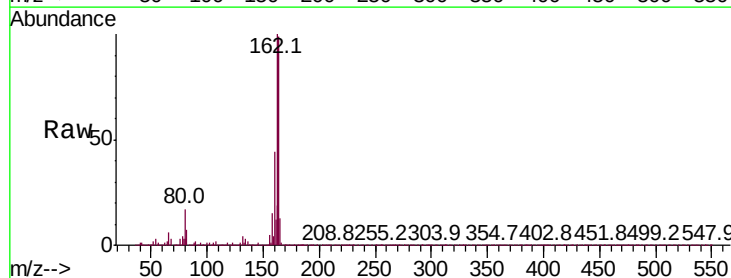
Instrument :
BNA_P
ClientSampleId :
PB130977BL

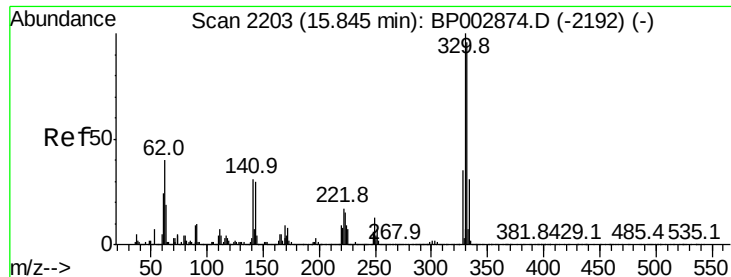
Tot Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 130.0 96.2 136.2
77 490.0 55.6 95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Tgt Ion:164 Resp: 663540
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 44.2 35.5 53.3

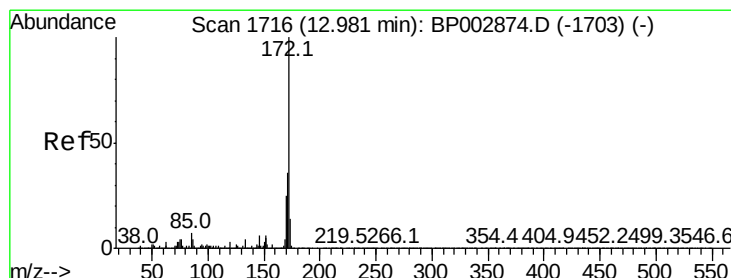
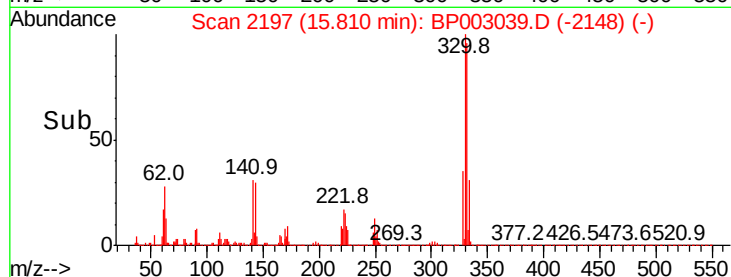
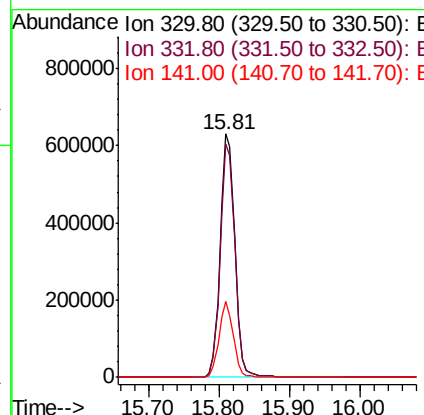
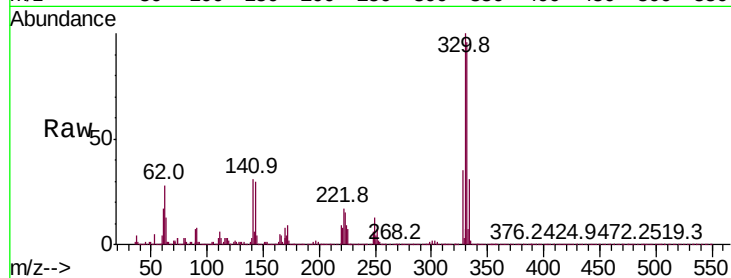




#42
 2,4,6-Tribromophenol
 Concen: 110.469 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003039.D
 Acq: 19 Aug 2020 18:55

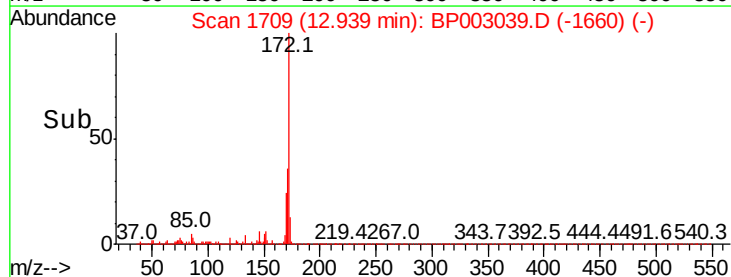
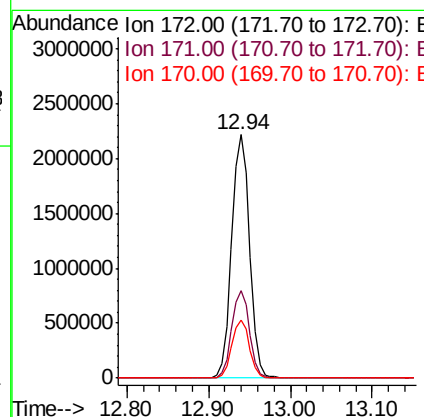
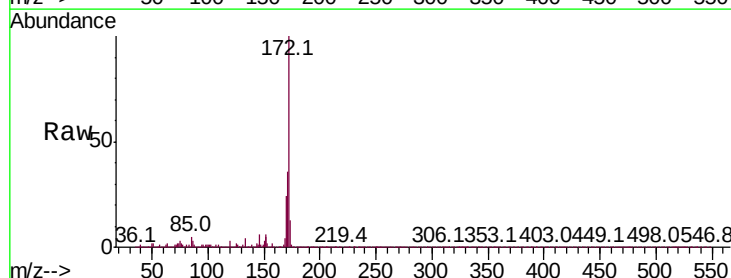
Instrument :
 BNA_P
 ClientSampleId :
 PB130977BL

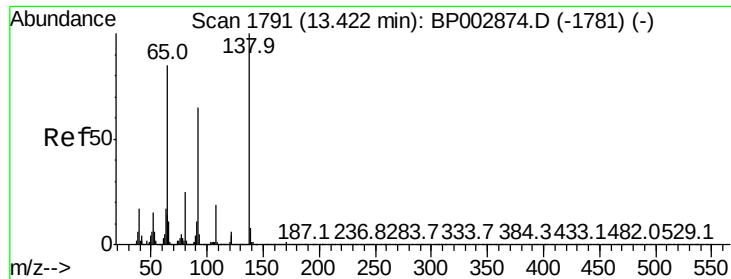
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.5	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 69.596 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003039.D
 Acq: 19 Aug 2020 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.8	19.1	28.7

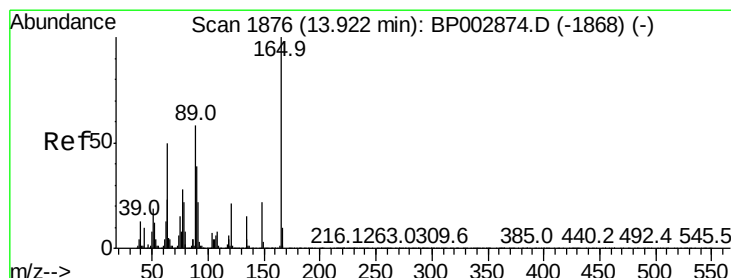
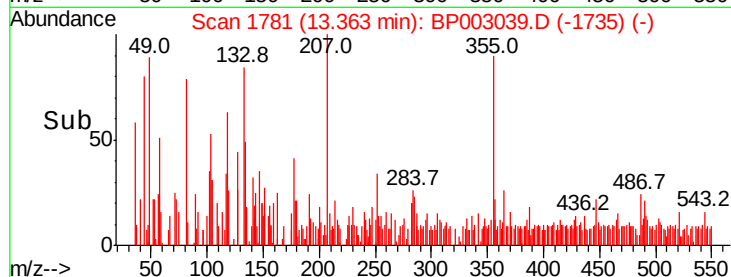
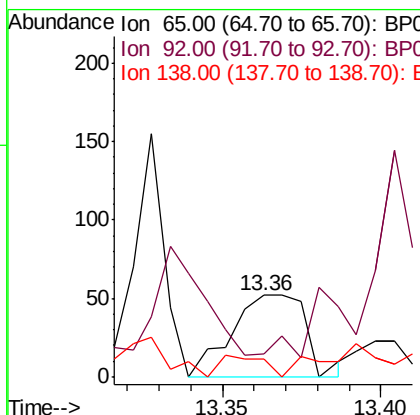
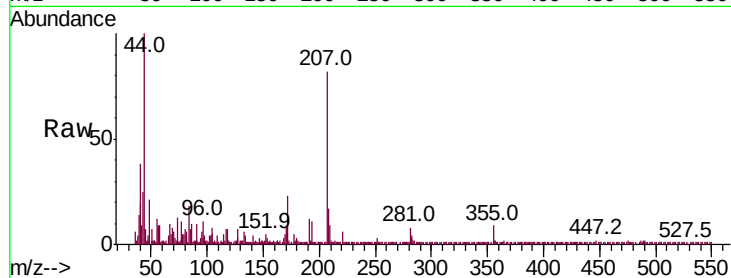




#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.03 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

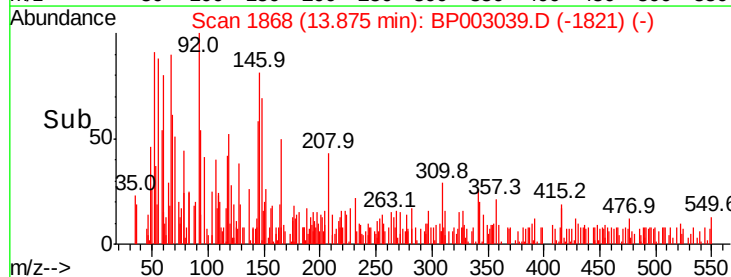
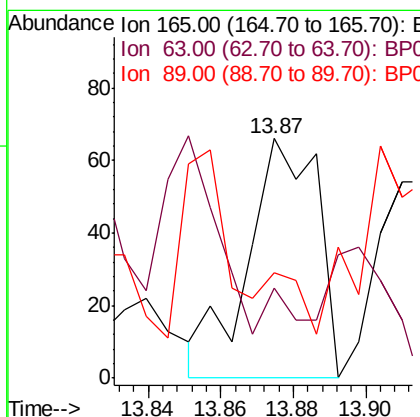
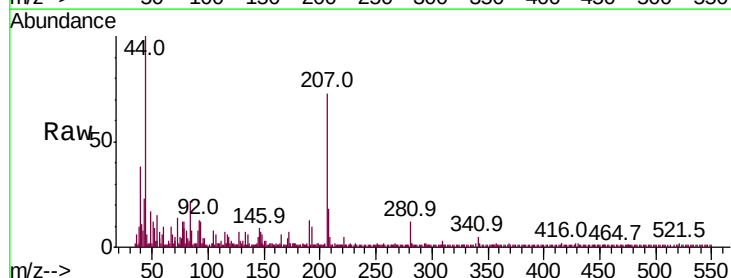
Instrument :
BNA_P
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PB130977BL

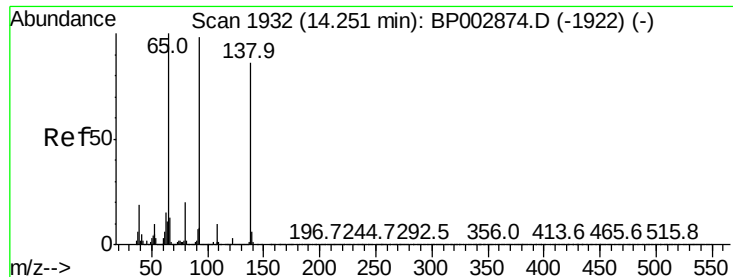
Tot Ion: 65 Resp: 85
Ion Ratio Lower Upper
65 100
92 28.8 70.1 105.1#
138 21.2 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.906 ng
RT: 13.87 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Tgt Ion: 165 Resp: 88
Ion Ratio Lower Upper
165 100
63 33.3 28.1 42.1
89 38.7 34.5 51.7

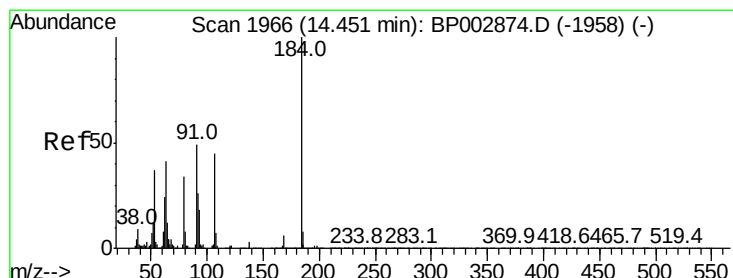
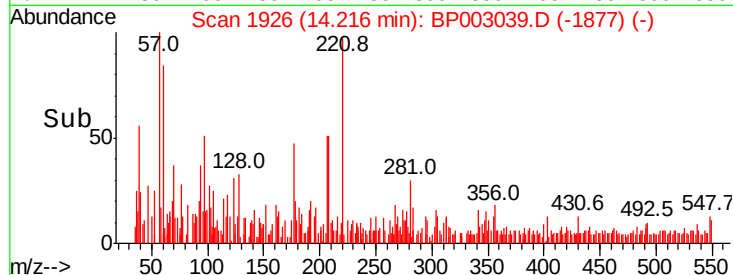
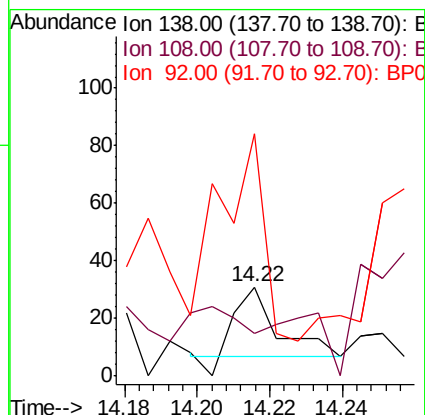
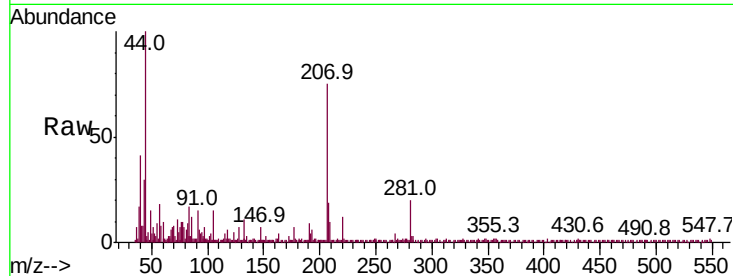




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

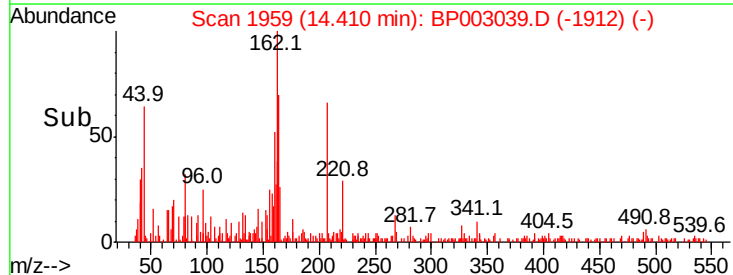
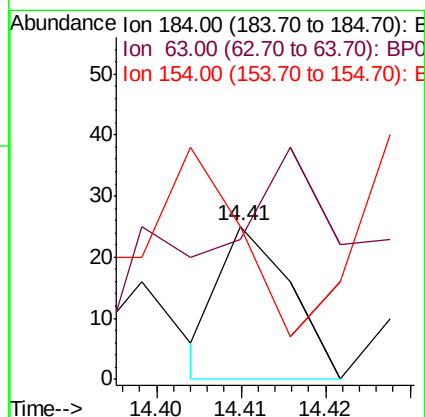
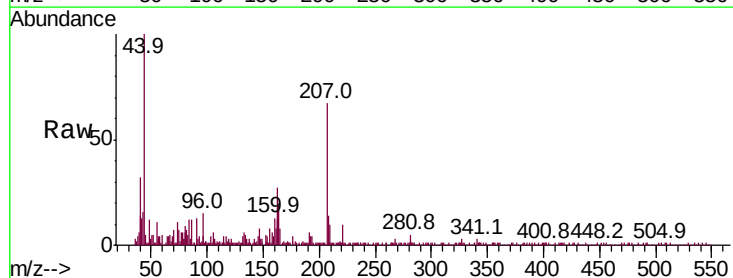
Instrument :
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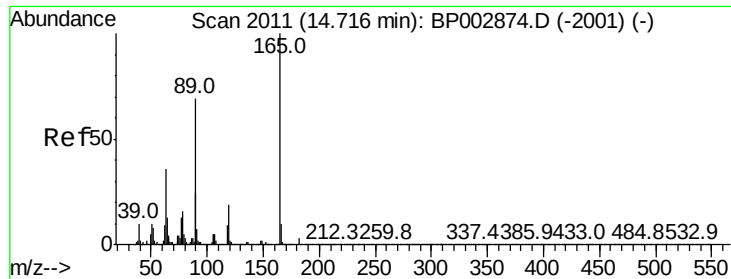
Tot Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
108 48.4 7.7 11.5#
92 271.0 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 92.0 33.0 49.6#
154 100.0 46.8 70.2#

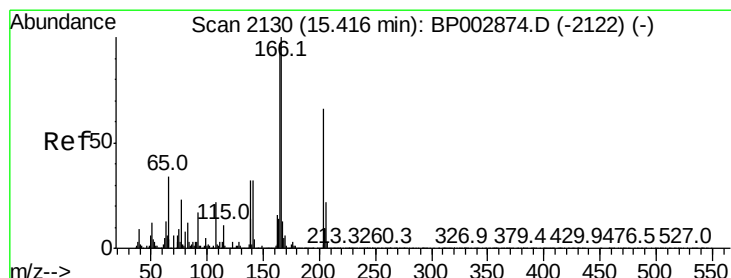
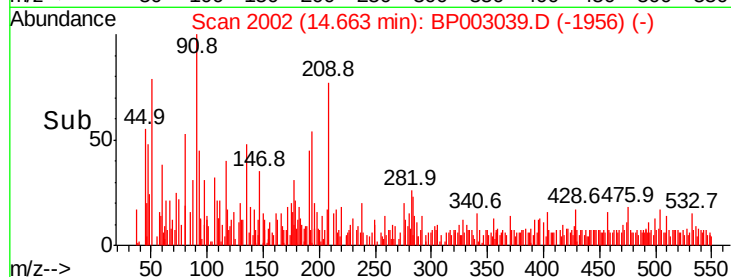
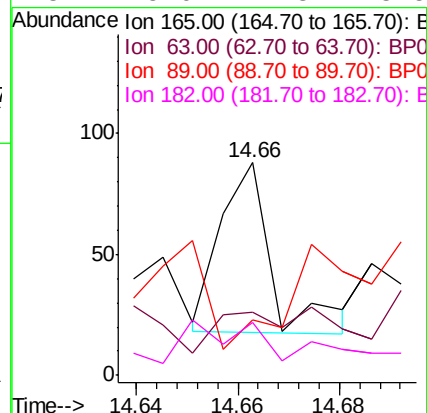
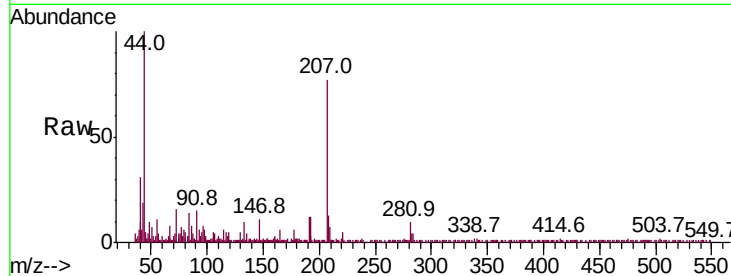




#57
 2,4-Dinitrotoluene
 Concen: 3.809 ng
 RT: 14.66 min Scan# 2002
 Delta R.T. -0.03 min
 Lab File: BP003039.D
 Acq: 19 Aug 2020 18:55

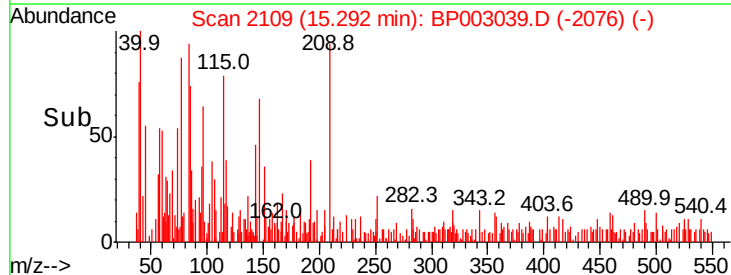
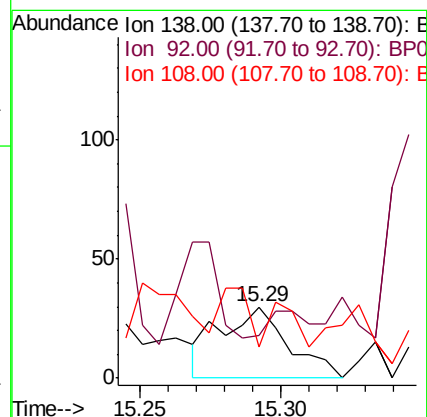
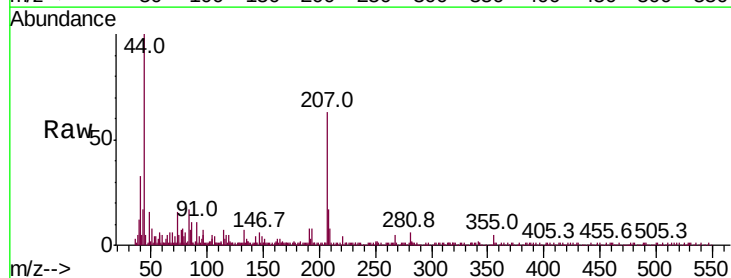
Instrument :
 BNA_P
 ClientSampleId :
 PB130977BL

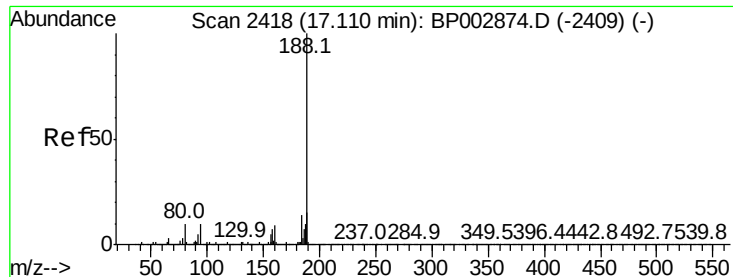
Tot Ion:	165	Resp:	50
Ion	Ratio	Lower	Upper
165	100		
63	29.5	20.6	31.0
89	26.1	43.4	65.0
182	25.0	2.3	3.5



#62
 4-Nitroaniline
 Concen: 2.420 ng
 RT: 15.29 min Scan# 2109
 Delta R.T. -0.11 min
 Lab File: BP003039.D
 Acq: 19 Aug 2020 18:55

Tgt Ion:	138	Resp:	50
Ion	Ratio	Lower	Upper
138	100		
92	60.0	21.4	61.4
108	43.3	40.8	80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

Instrument :

BNA_P

ClientSampleId :

PB130977BL

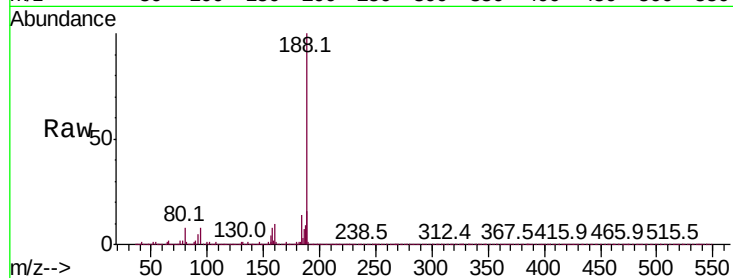
Tot Ion:188 Resp: 1465242

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

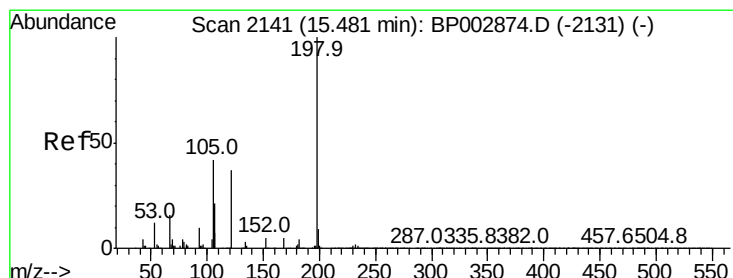
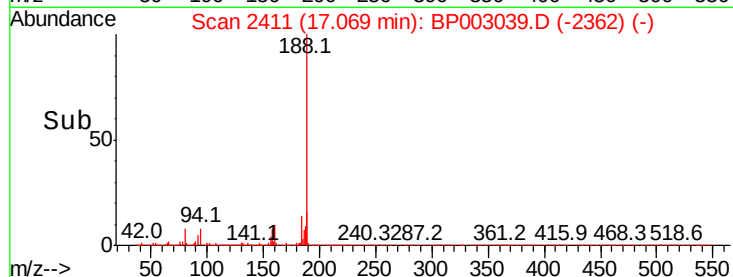
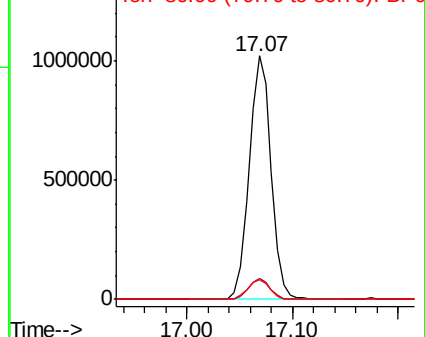
80 8.2 6.7 10.1



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: 15.45 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BP003039.D

Acq: 19 Aug 2020 18:55

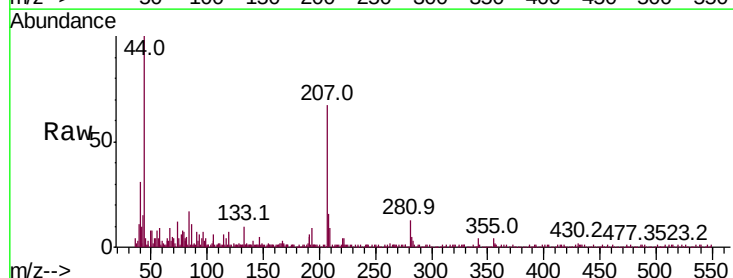
Tgt Ion:198 Resp: 34

Ion Ratio Lower Upper

198 100

51 541.7 6.2 46.2#

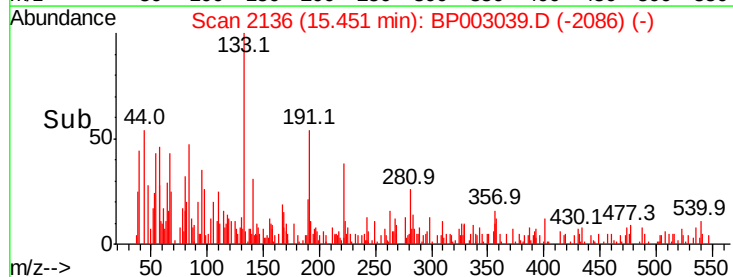
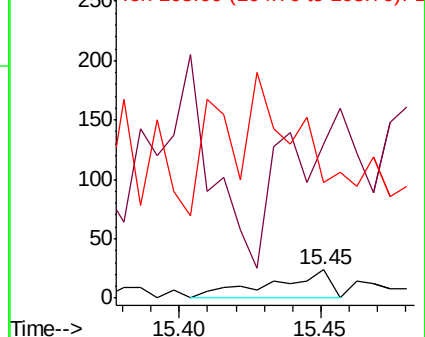
105 404.2 19.9 59.9#

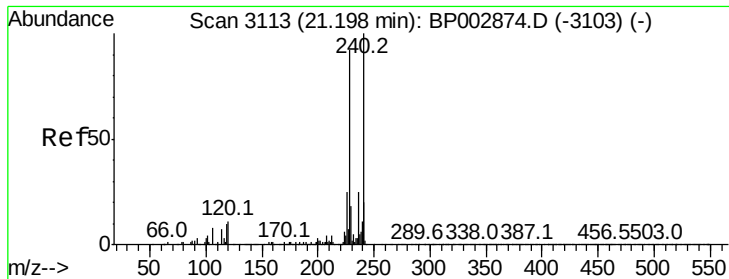


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

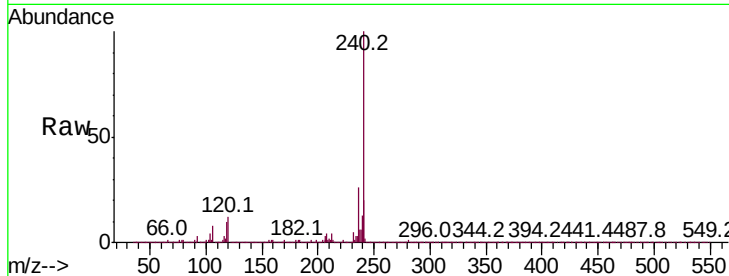




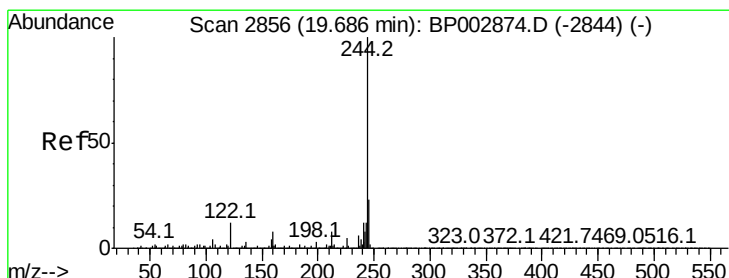
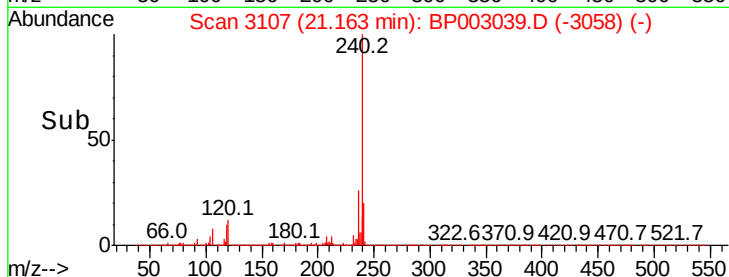
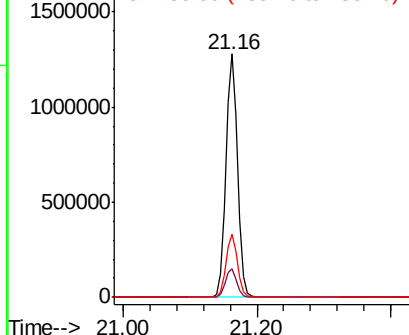
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Instrument :
BNA_P
ClientSampleId :
PB130977BL

Tot Ion:240 Resp: 1570132
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.1 20.8 31.2

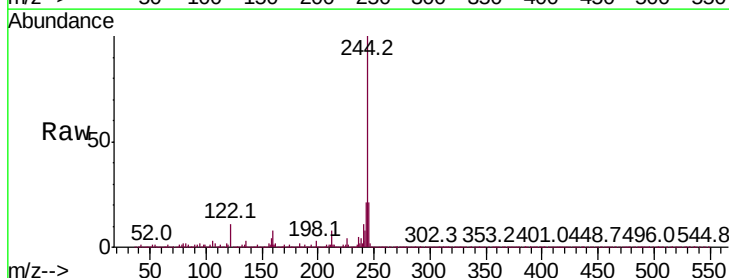


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

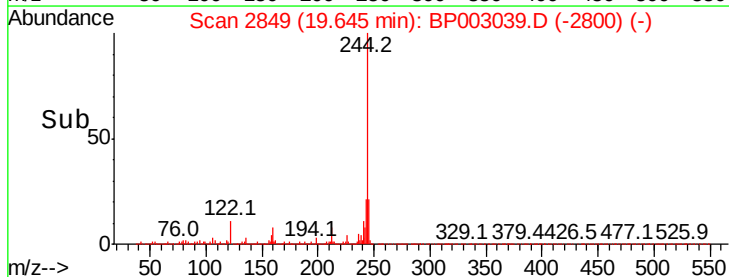
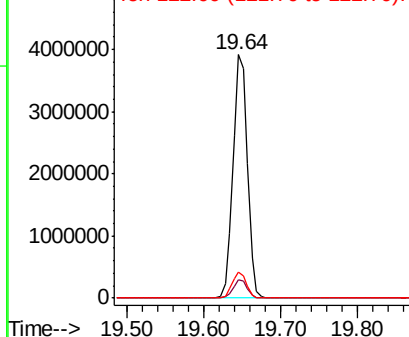


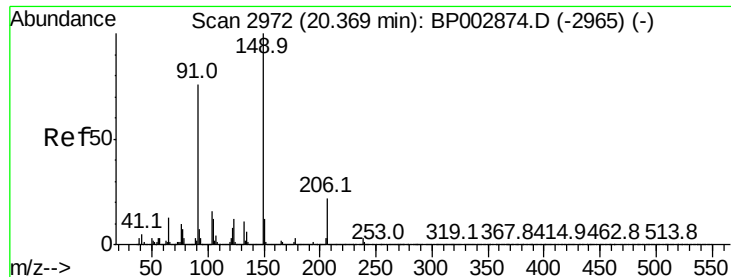
#79
Terphenyl-d14
Concen: 65.490 ng
RT: 19.64 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Tgt Ion:244 Resp: 5136373
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 10.6 8.7 13.1



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

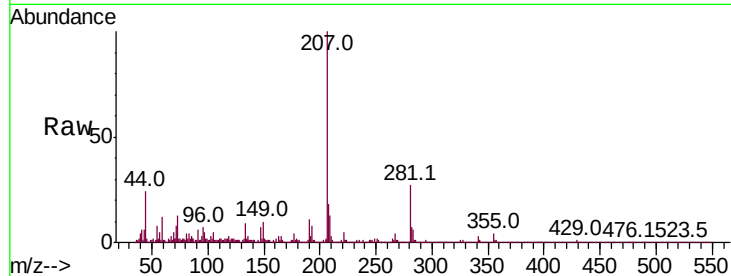




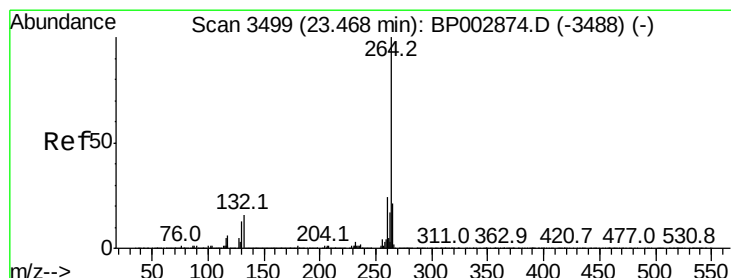
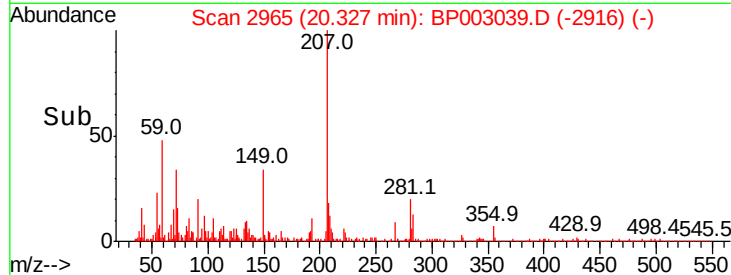
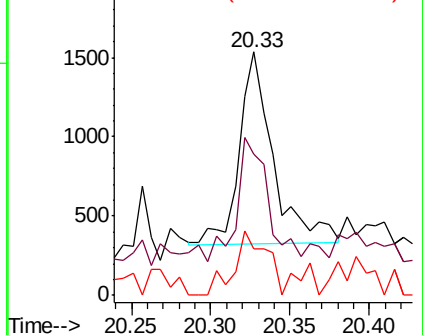
#80
Butylbenzylphthalate
Concen: 3.096 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Instrument :
BNA_P
ClientSampleId :
PB130977BL

Tot Ion:149 Resp: 1807
Ion Ratio Lower Upper
149 100
91 58.1 45.3 67.9
206 18.9 17.5 26.3

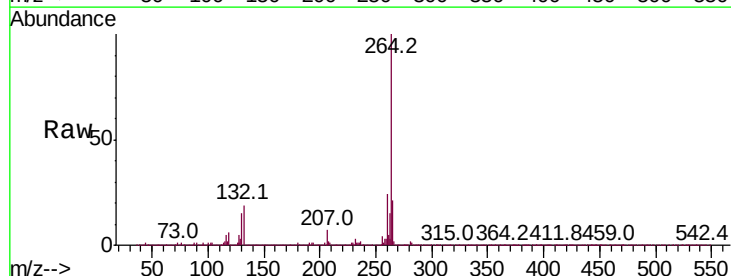


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003039.D
Acq: 19 Aug 2020 18:55

Tgt Ion:264 Resp: 1671702
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 17.3 25.9



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

