

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003035.D
 Acq On : 19 Aug 2020 13:10
 Operator : CG/JU
 Sample : PB131036BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

Quant Time: Aug 19 14:35:18 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	7.69	152	356915	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1201824	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	771911	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1399968	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1540112	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1666830	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2210403	94.78	ng	0.00
7) Phenol-d6	6.86	99	2542352	78.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1489921	67.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	897718	93.57	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3975705	70.37	ng	0.00
79) Terphenyl-d14	19.65	244	4544550	59.07	ng	0.00

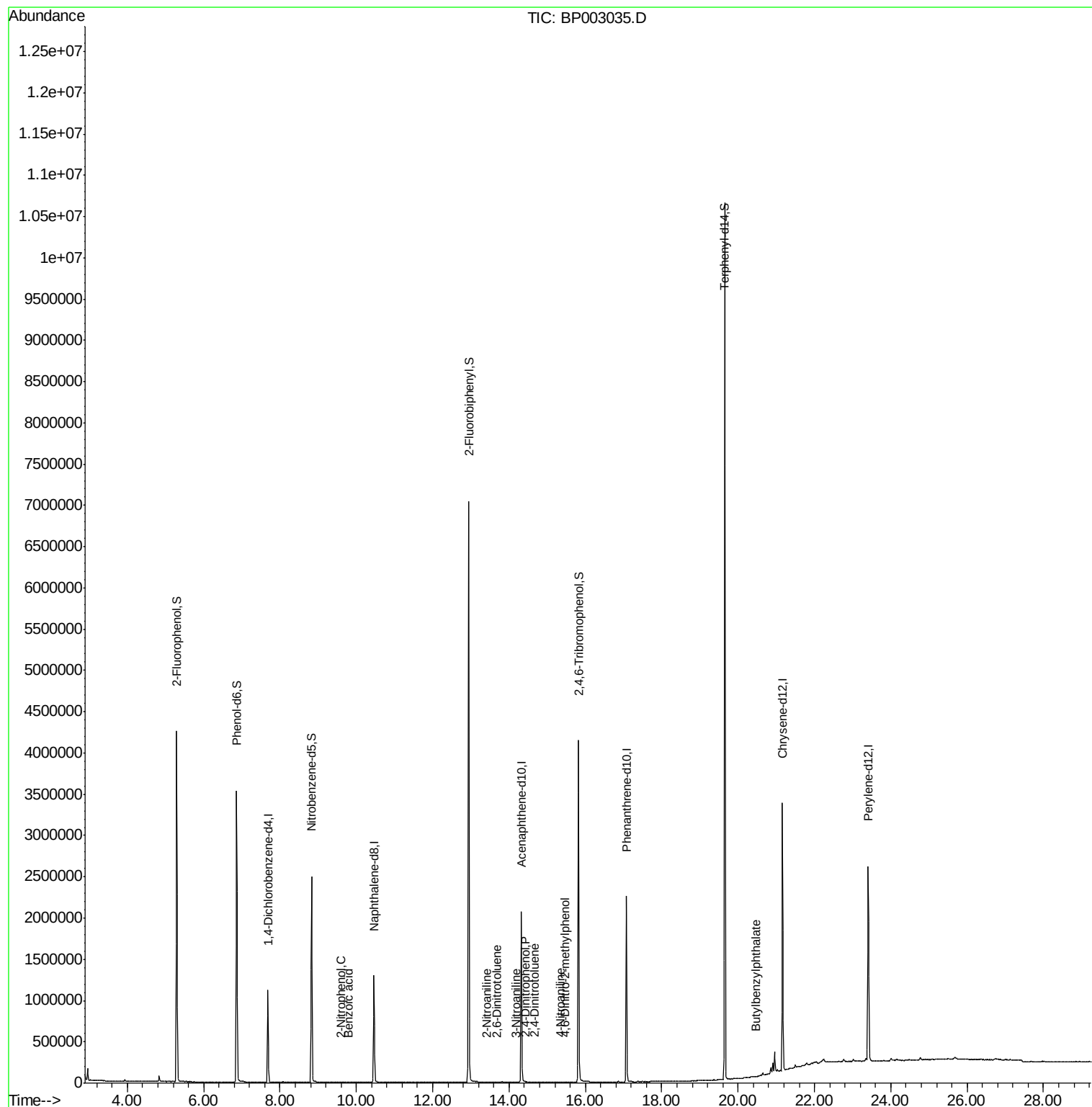
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	7	4.521	ng	# 1
32) Benzoic acid	9.79	122	32	7.688	ng	# 1
48) 2-Nitroaniline	13.42	65	191	3.986	ng	# 25
51) 2,6-Dinitrotoluene	13.67	165	52	2.903	ng	95
53) 3-Nitroaniline	14.19	138	24	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	17	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	68	3.809	ng	# 34
62) 4-Nitroaniline	15.35	138	80	2.421	ng	87
65) 4,6-Dinitro-2-methylphenol	15.46	198	18	6.902	ng	# 1
80) Butylbenzylphthalate	20.47	149	139	3.061	ng	99

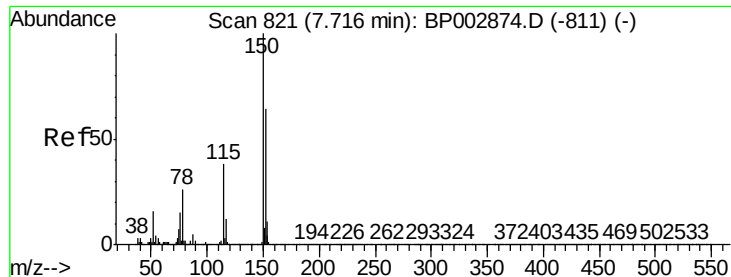
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003035.D
Acq On : 19 Aug 2020 13:10
Operator : CG/JU
Sample : PB131036BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131036BL

Quant Time: Aug 19 14:35:18 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



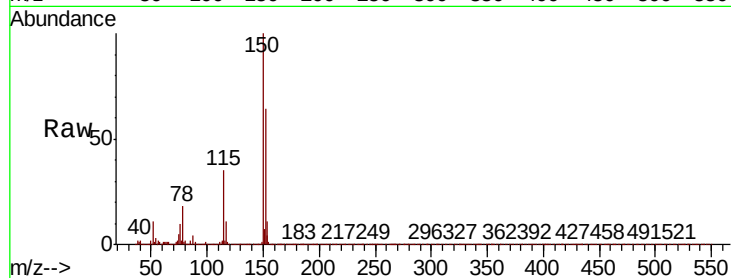


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Instrument :
BNA_P
ClientSampleId :
PB131036BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.1	189.1
115	54.0	43.4	65.2

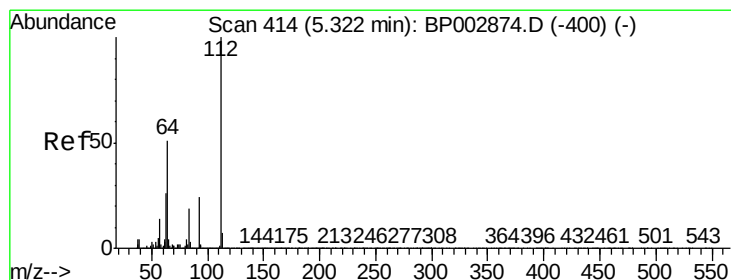
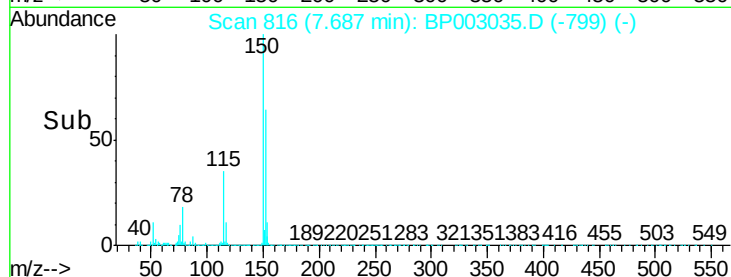
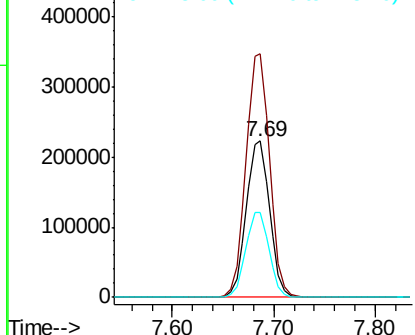


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

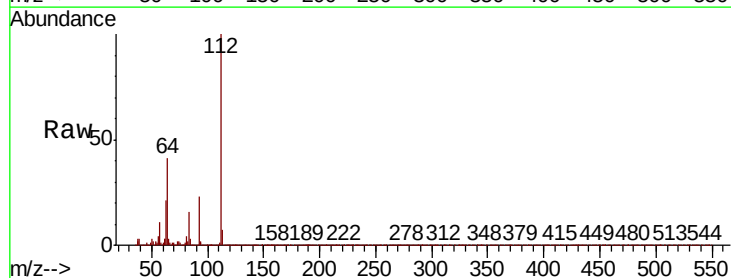
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.785 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.4	50.2
63	21.0	17.4	26.0

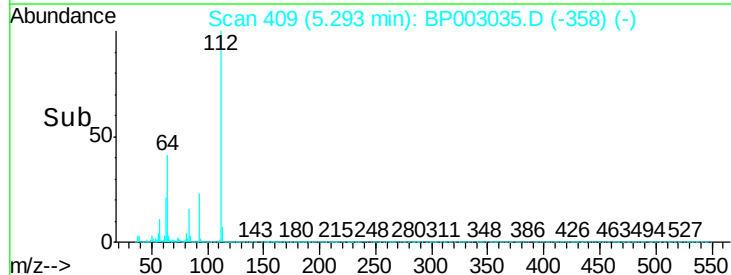
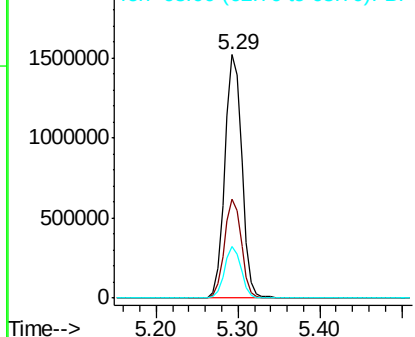


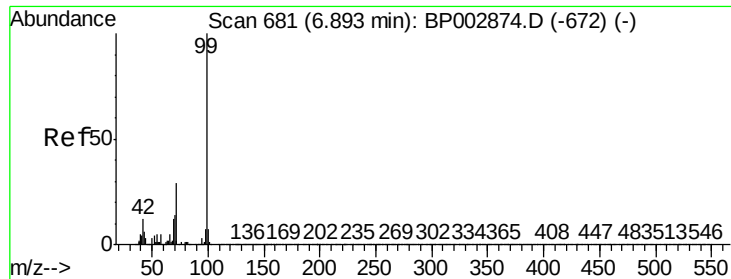
Abundance

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: 78.523 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

Instrument :

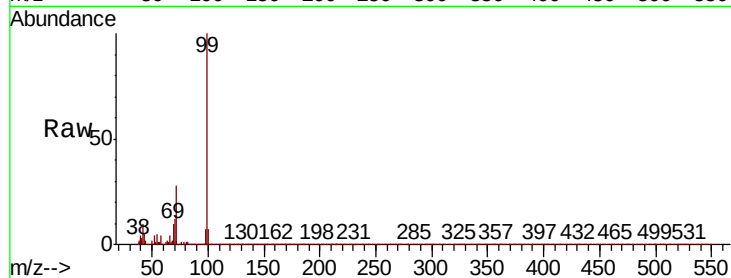
BNA_P

ClientSampleId :

PB131036BL

Tot Ion: 99 Resp: 2542352

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	28.0	21.3	31.9

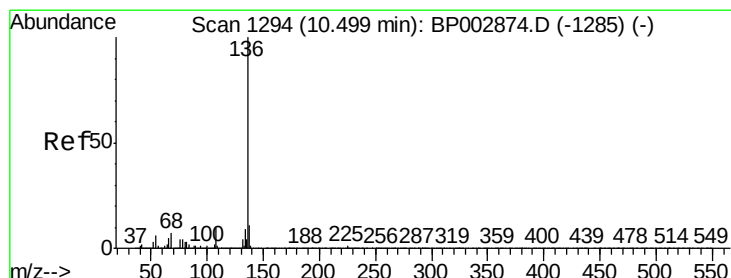
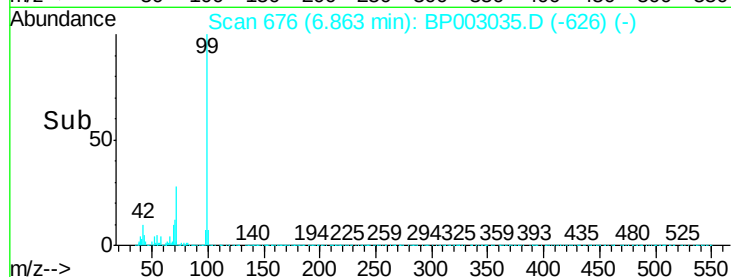
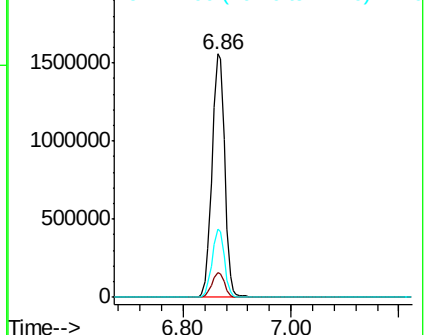


Abundance

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# 1288

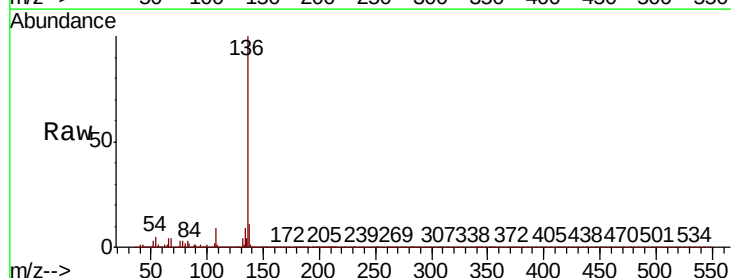
Delta R.T. -0.01 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

Tgt Ion: 136 Resp: 1201824

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



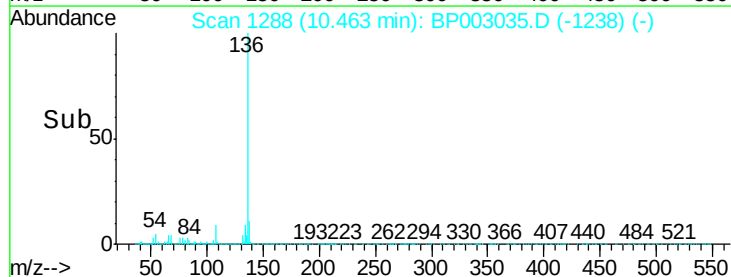
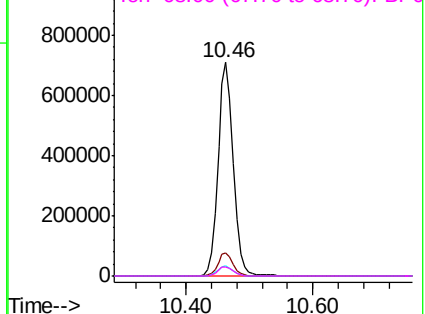
Abundance

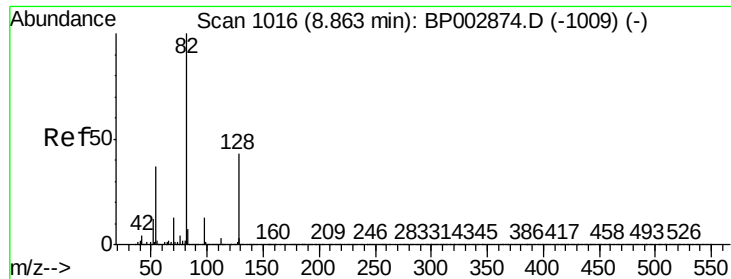
Ion 136.00 (135.70 to 136.70): E

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

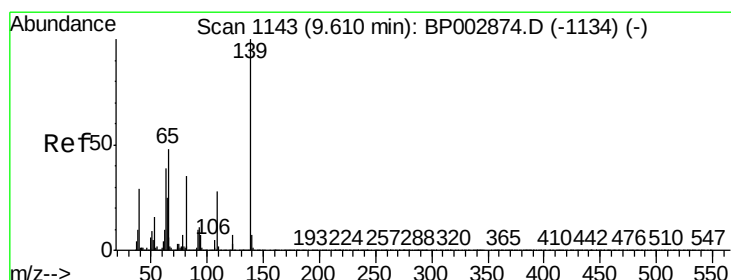
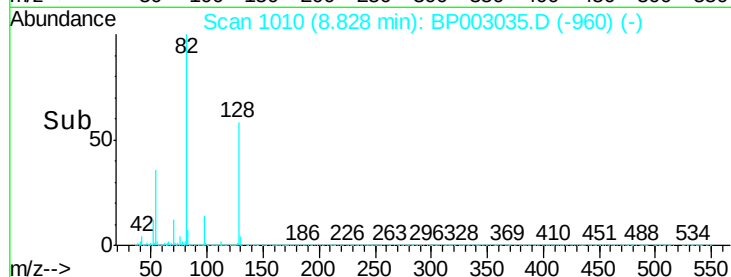
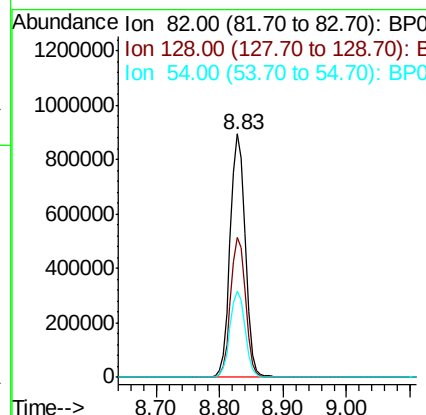
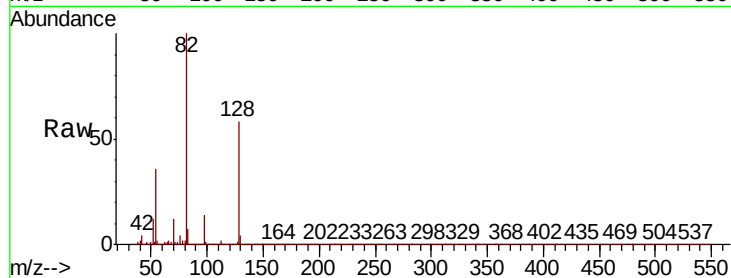




#23
Nitrobenzene-d5
Concen: 67.146 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

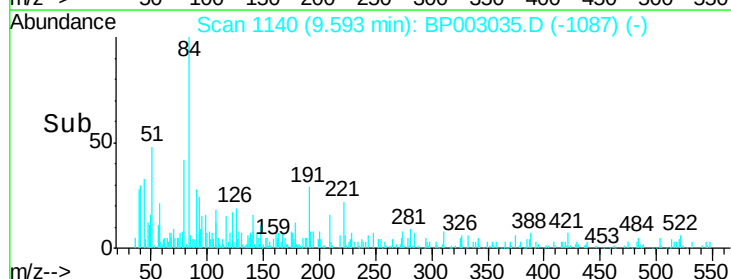
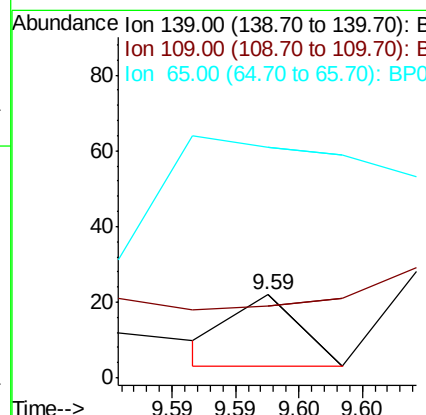
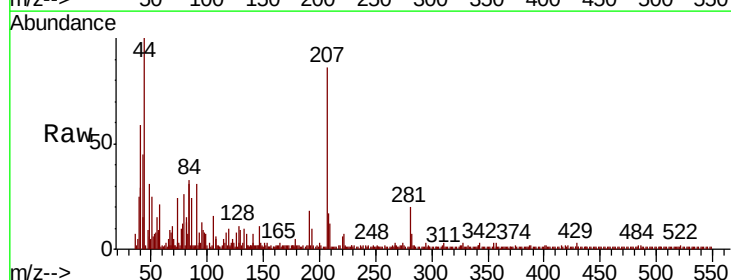
Instrument :
BNA_P
ClientSampleId :
PB131036BL

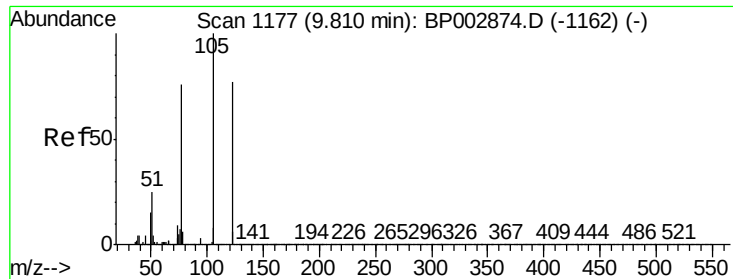
Tot Ion: 82 Resp: 1489921
Ion Ratio Lower Upper
82 100
128 57.7 45.1 67.7
54 35.6 28.8 43.2



#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.59 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 86.4 21.0 31.6#
65 277.3 27.2 40.8#

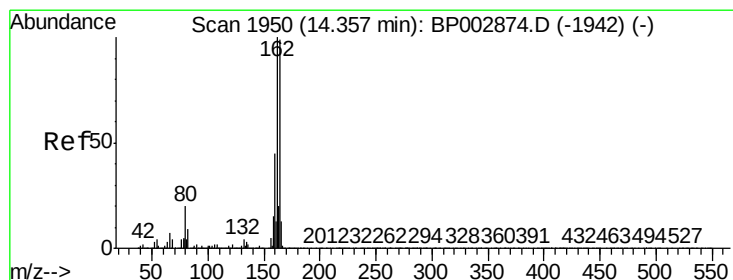
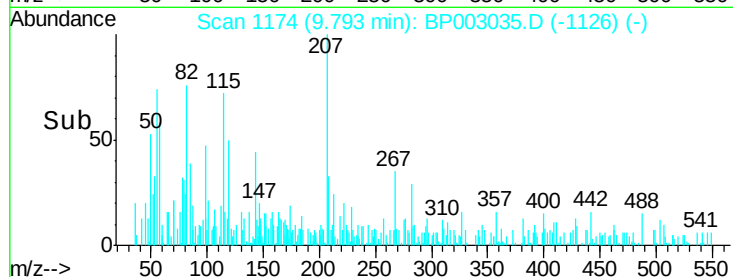
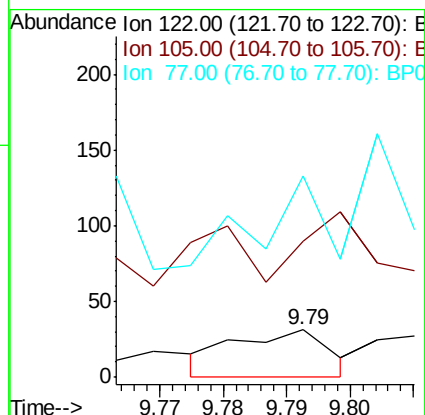
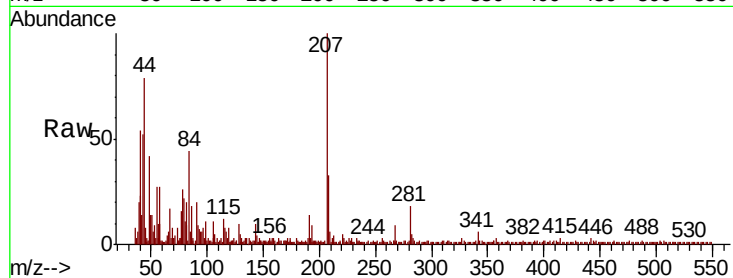




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

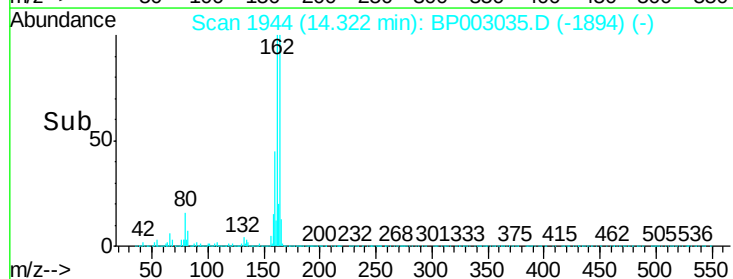
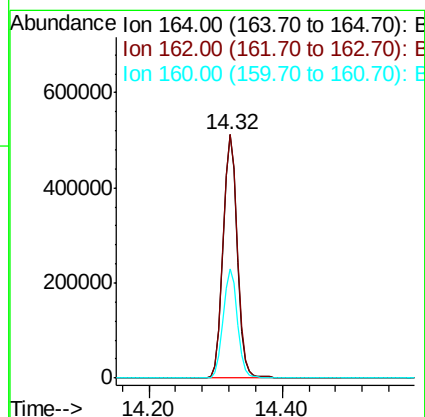
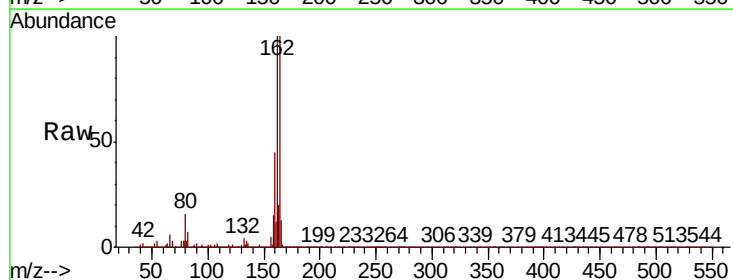
Instrument :
BNA_P
ClientSampleId :
PB131036BL

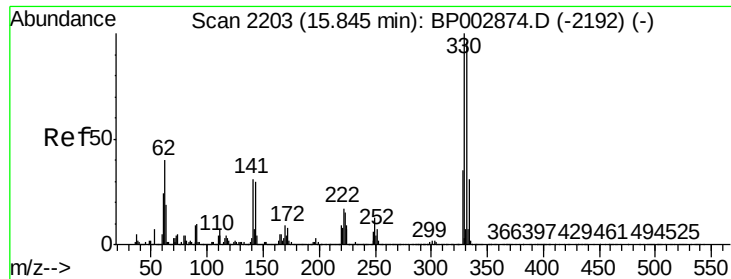
Tot Ion	Ratio	Lower	Upper
122	100		
105	290.3	96.2	136.2#
77	429.0	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	44.8	35.5	53.3

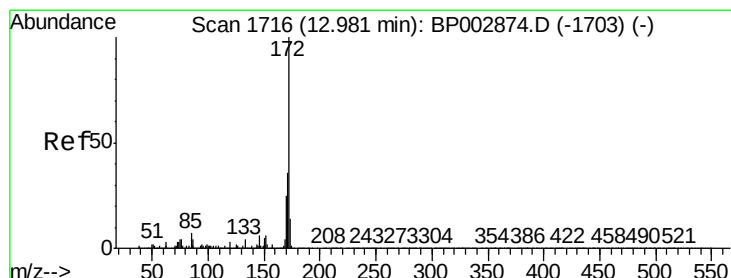
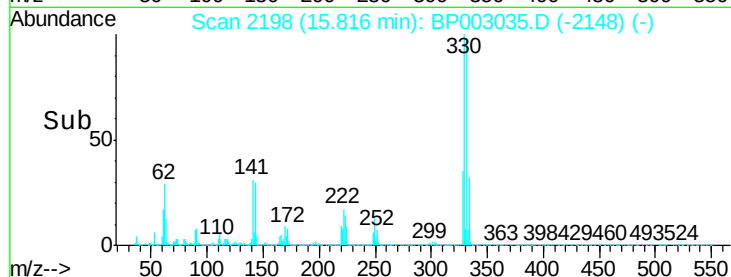
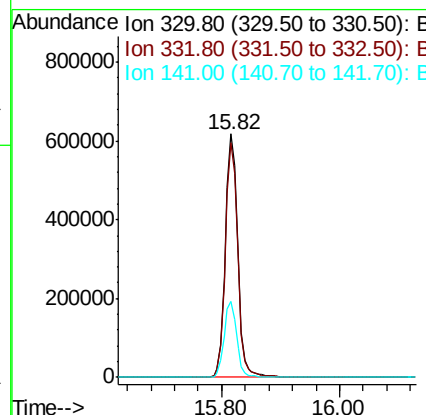
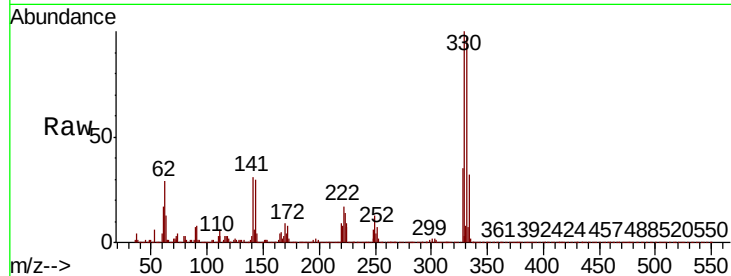




#42
 2,4,6-Tribromophenol
 Concen: 93.571 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

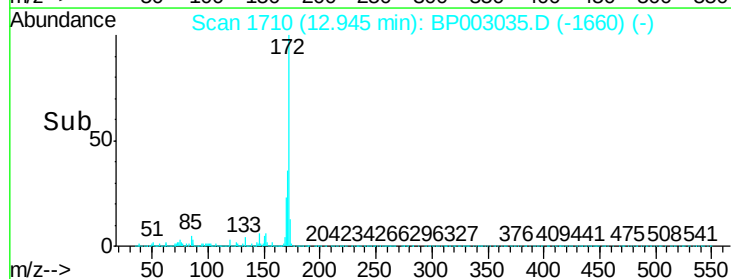
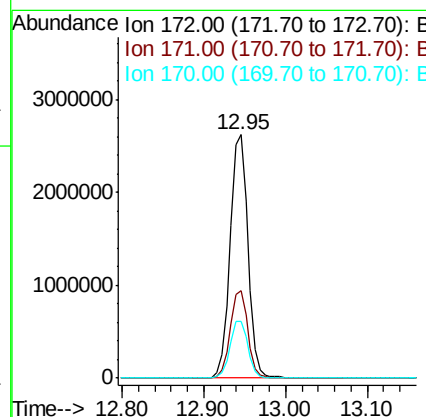
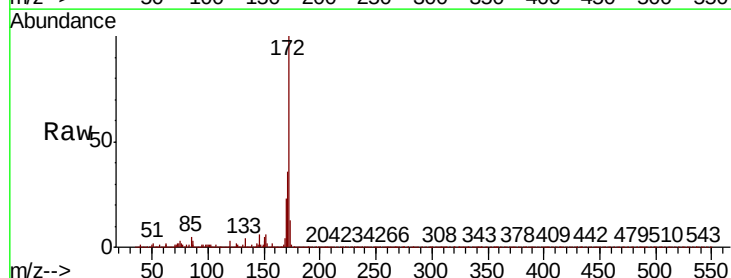
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

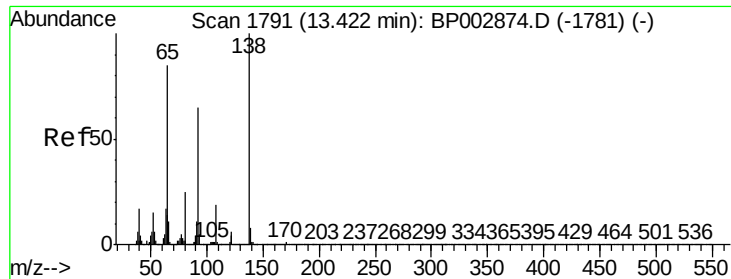
Tot Ion:330 Resp: 897718
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 31.7 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 70.371 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

Tgt Ion:172 Resp: 3975705
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.5 19.1 28.7

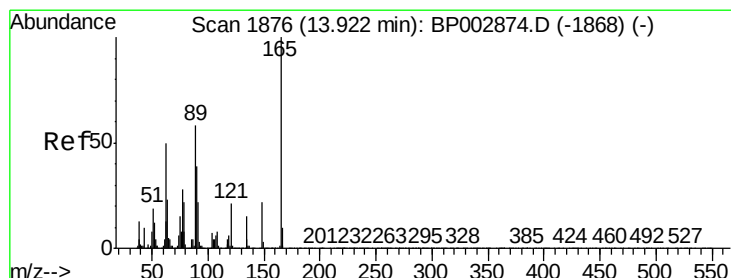
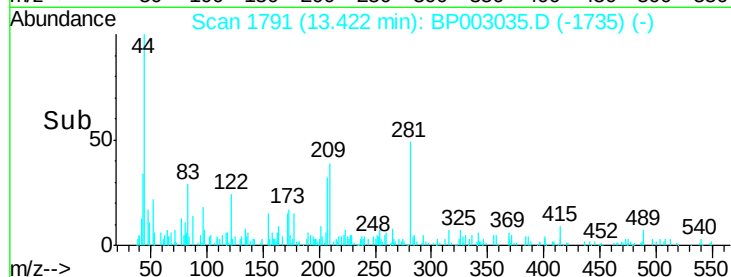
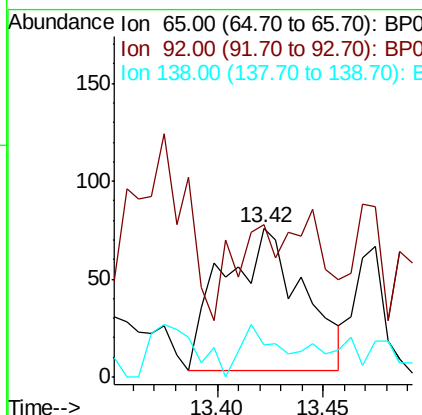
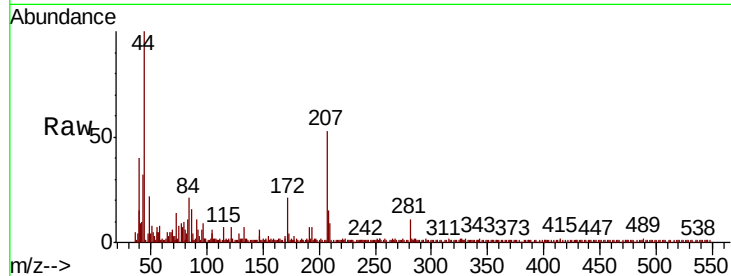




#48
2-Nitroaniline
Concen: 3.986 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.03 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

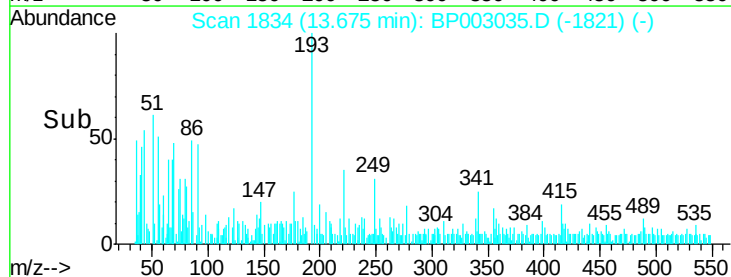
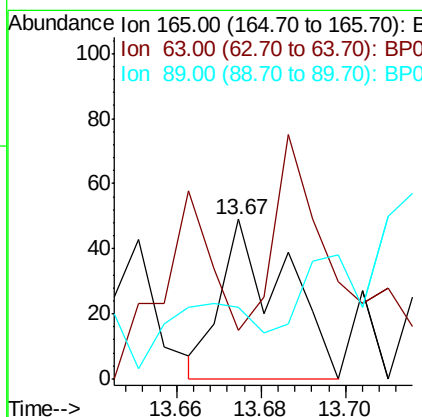
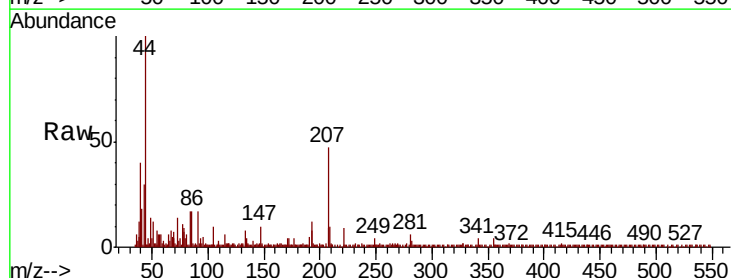
Instrument :
BNA_P
ClientSampleId :
PB131036BL

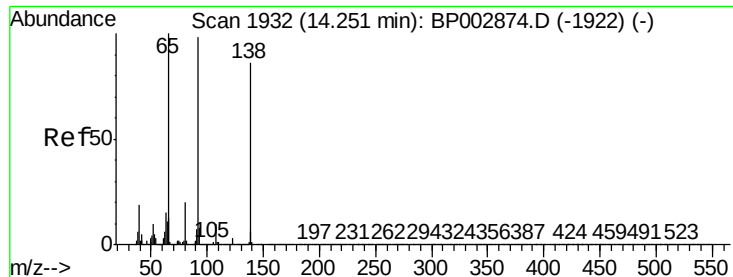
Tot Ion: 65 Resp: 191
Ion Ratio Lower Upper
65 100
92 102.6 70.1 105.1
138 21.1 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.903 ng
RT: 13.67 min Scan# 1834
Delta R.T. -0.22 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion: 165 Resp: 52
Ion Ratio Lower Upper
165 100
63 30.6 28.1 42.1
89 44.9 34.5 51.7

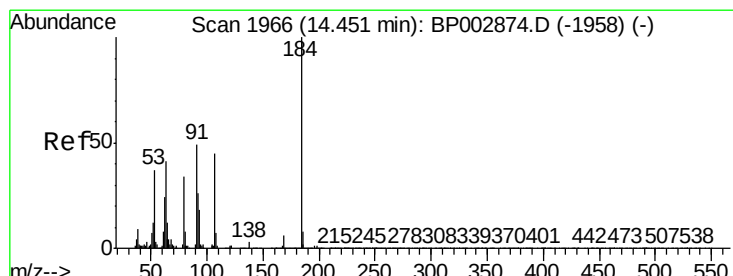
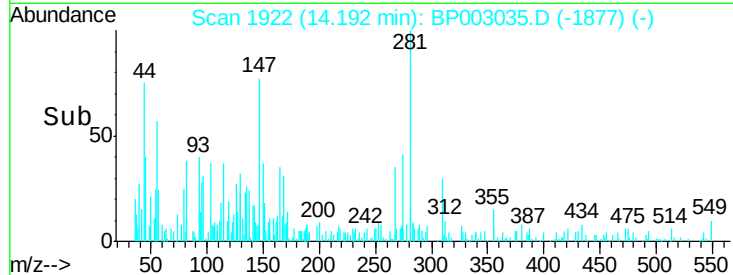
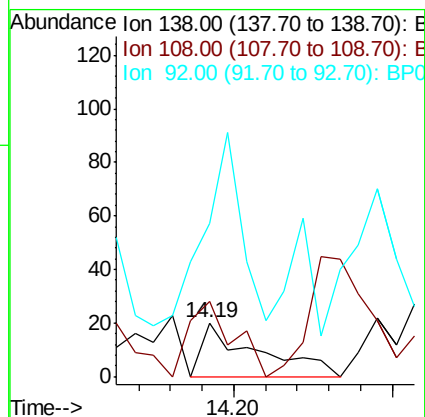
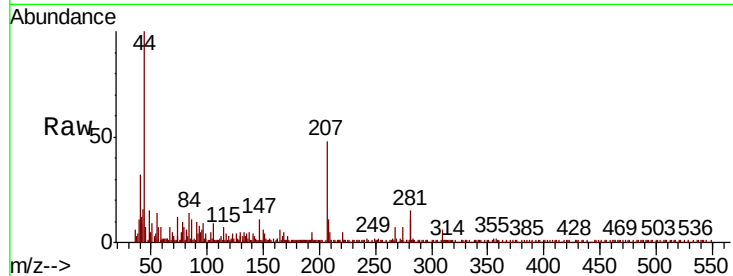




#53
 3-Nitroaniline
 Concen: 3.275 ng
 RT: 14.19 min Scan# 1922
 Delta R.T. -0.04 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

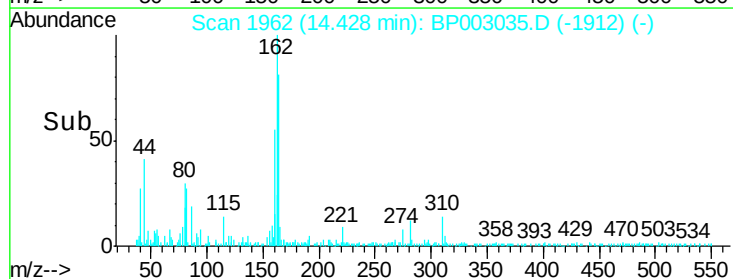
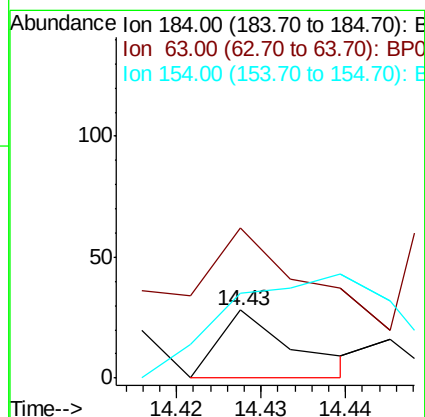
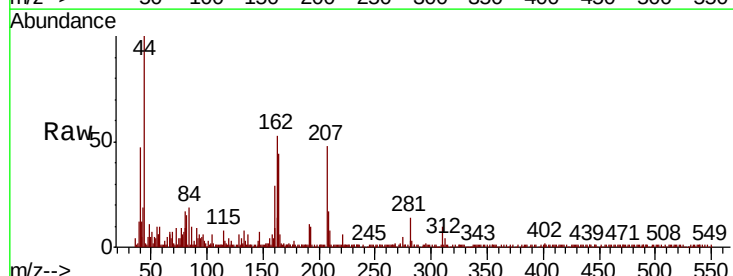
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BL

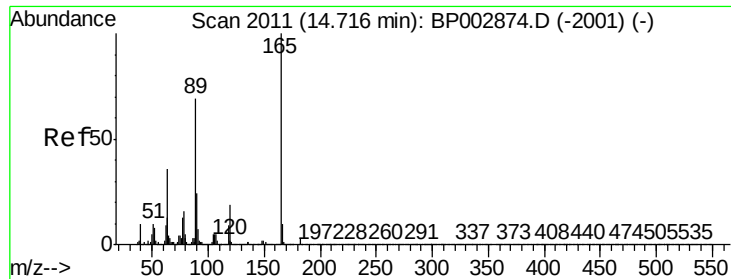
Tot Ion:138 Resp: 24
 Ion Ratio Lower Upper
 138 100
 108 140.0 7.7 11.5#
 92 285.0 75.6 113.4#



#54
 2,4-Dinitrophenol
 Concen: 8.060 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BP003035.D
 Acq: 19 Aug 2020 13:10

Tgt Ion:184 Resp: 17
 Ion Ratio Lower Upper
 184 100
 63 221.4 33.0 49.6#
 154 125.0 46.8 70.2#





#57

2,4-Dinitrotoluene

Concen: 3.809 ng

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

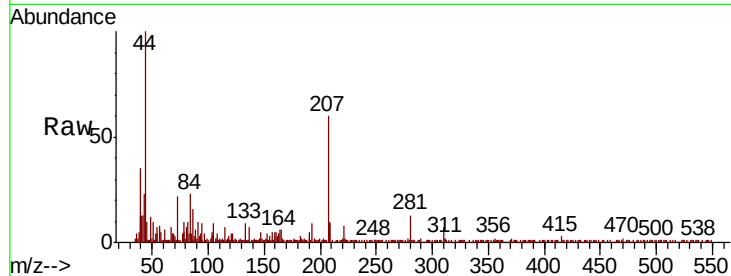
Instrument :

BNA_P

ClientSampleId :

PB131036BL

Tot Ion:165	Resp:	68
Ion Ratio	Lower	Upper
165 100		
63 24.7	20.6	31.0
89 121.3	43.4	65.0#
182 46.1	2.3	3.5#

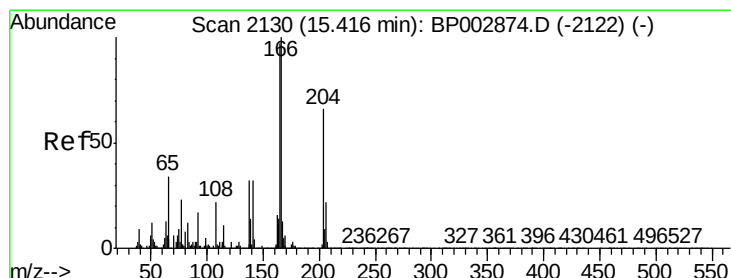
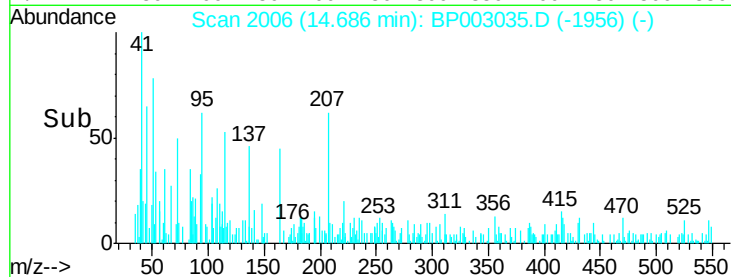
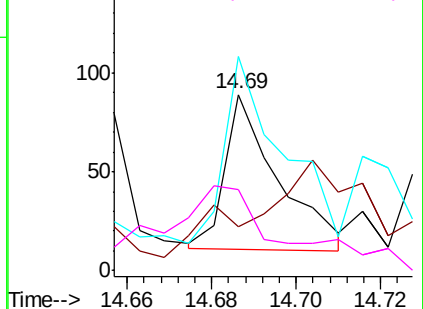


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#62

4-Nitroaniline

Concen: 2.421 ng

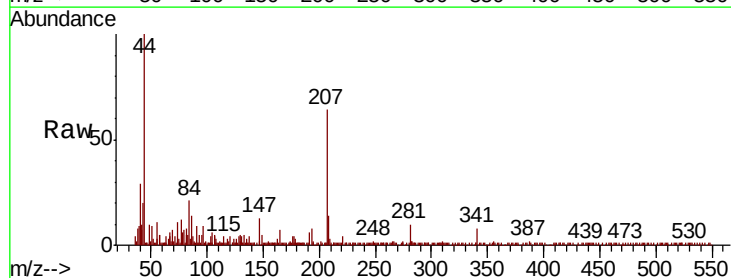
RT: 15.35 min Scan# 2118

Delta R.T. -0.05 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

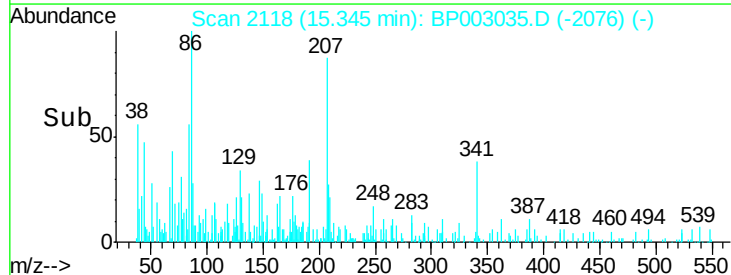
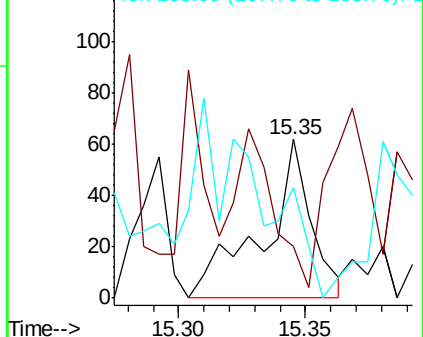
Tgt Ion	Ion:138	Resp:	80
	Ratio	Lower	Upper
138	100		
92	32.3	21.4	61.4
108	69.4	40.8	80.8

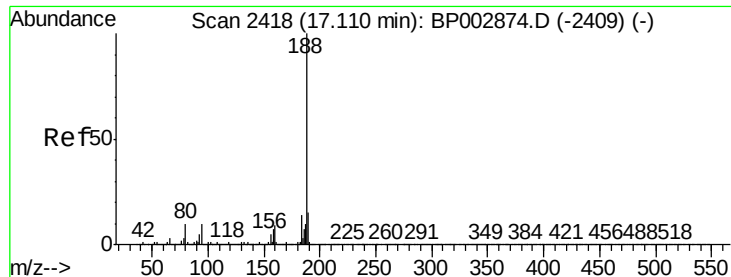


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

Instrument :

BNA_P

ClientSampleId :

PB131036BL

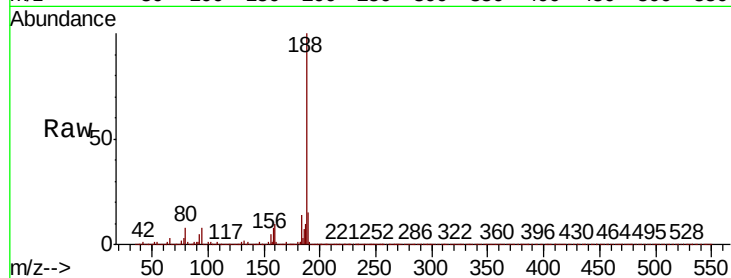
Tot Ion:188 Resp: 1399968

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

80 8.4 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

1200000

1000000

800000

600000

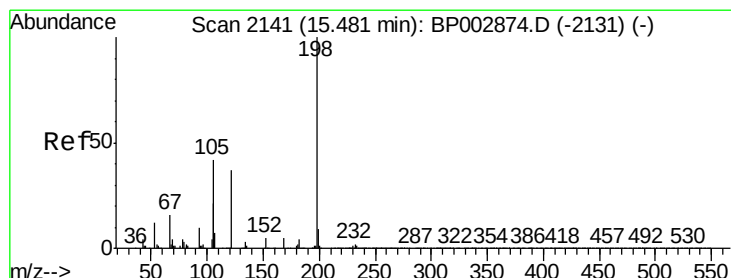
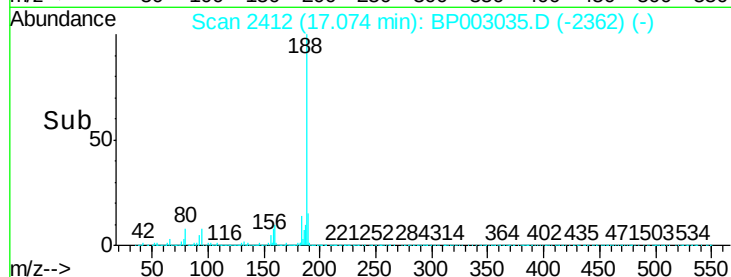
400000

200000

0

17.07

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.902 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BP003035.D

Acq: 19 Aug 2020 13:10

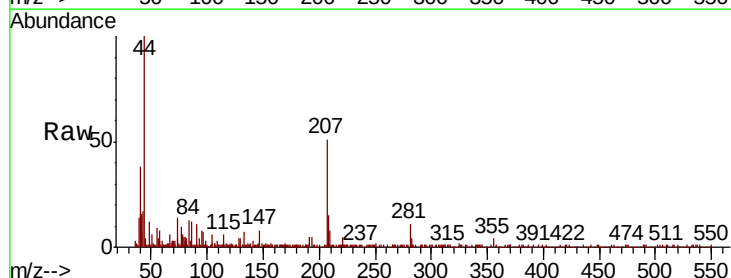
Tgt Ion:198 Resp: 18

Ion Ratio Lower Upper

198 100

51 466.7 6.2 46.2#

105 442.9 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

250

200

150

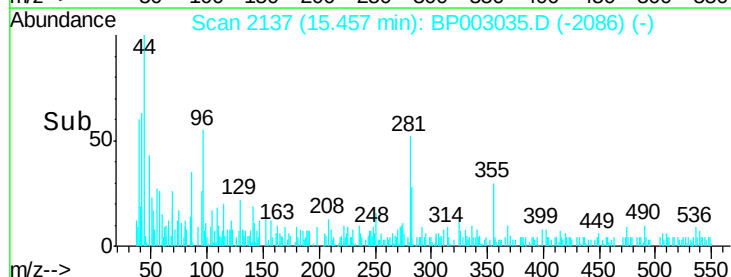
100

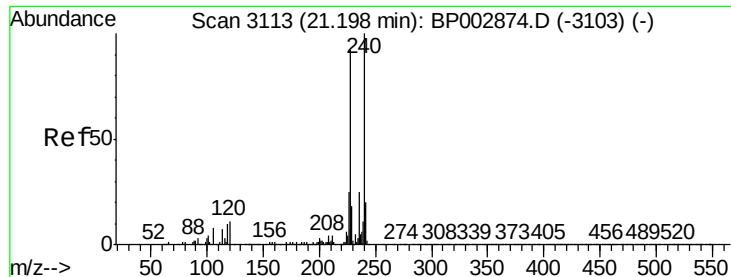
50

0

15.46

Time-->

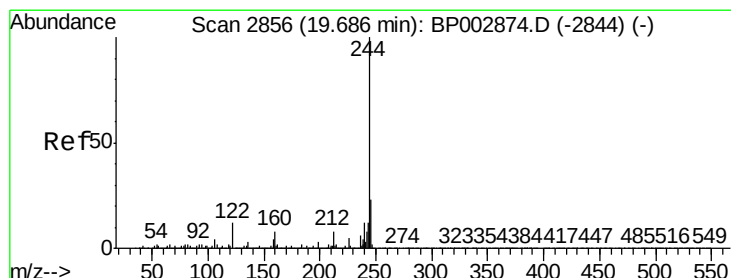
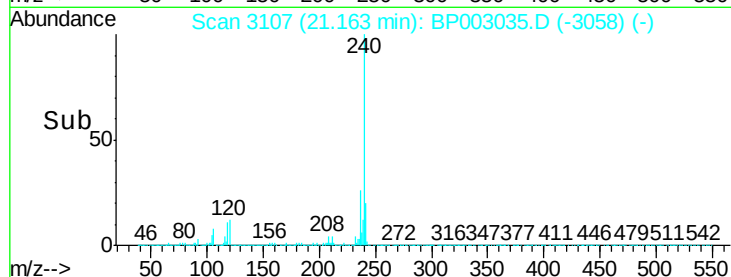
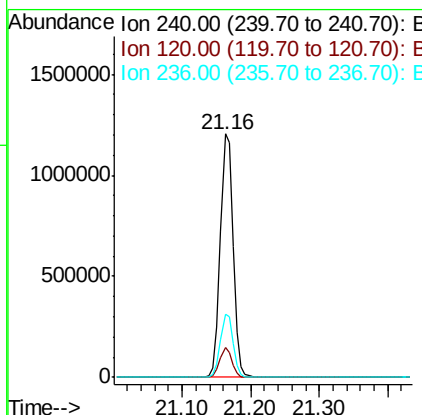
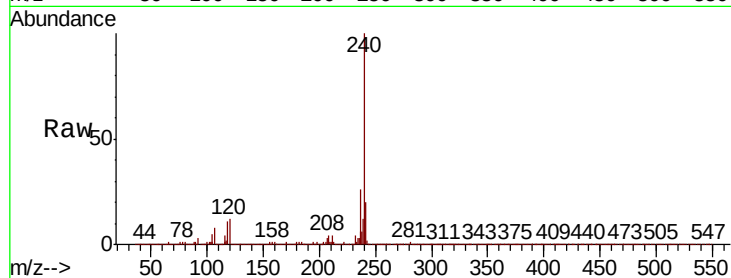




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

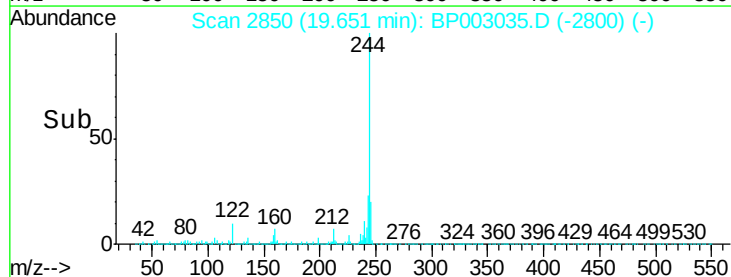
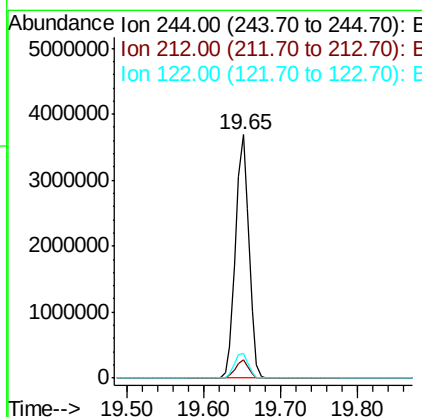
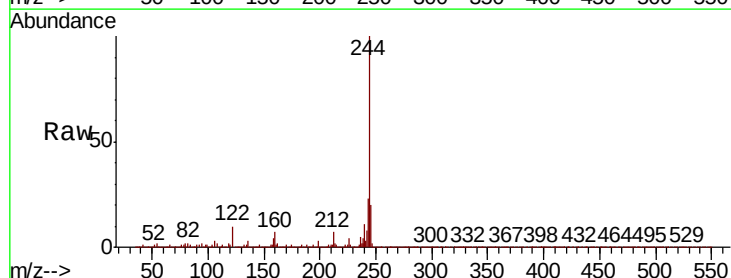
Instrument :
BNA_P
ClientSampleId :
PB131036BL

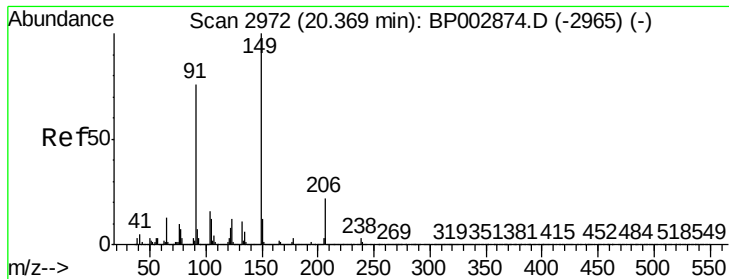
Tot Ion:240 Resp: 1540112
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 59.074 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion:244 Resp: 4544550
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 10.0 8.7 13.1

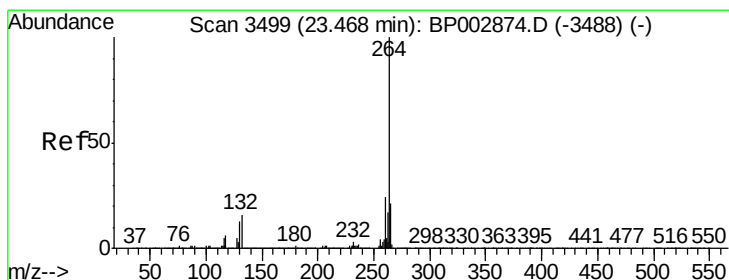
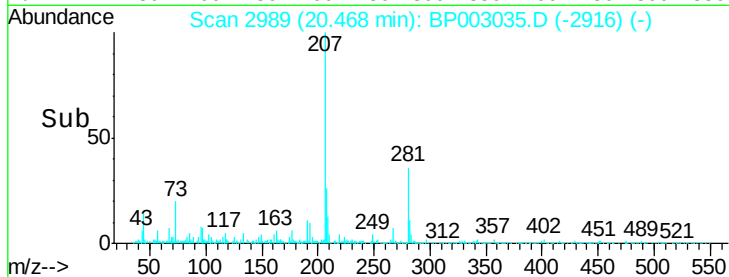
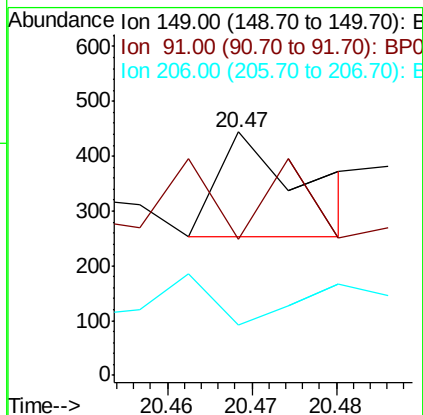
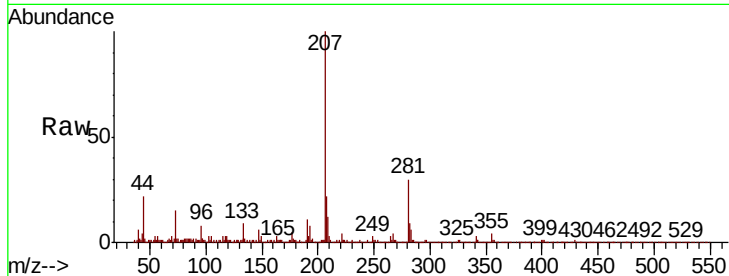




#80
Butylbenzylphthalate
Concen: 3.061 ng
RT: 20.47 min Scan# 2989
Delta R.T. 0.13 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Instrument :
BNA_P
ClientSampleId :
PB131036BL

Tot Ion:149 Resp: 139
Ion Ratio Lower Upper
149 100
91 55.9 45.3 67.9
206 20.7 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003035.D
Acq: 19 Aug 2020 13:10

Tgt Ion:264 Resp: 1666830
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 17.3 25.9

