

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002889.D
 Acq On : 31 Jul 2020 12:26
 Operator : CG/JU
 Sample : PB130626BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130626BL

Quant Time: Jul 31 13:02:38 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	7.72	152	606749	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2408681	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1542818	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	3354350	20.00	ng	0.00
76) Chrysene-d12	21.20	240	3152687	20.00	ng	0.00
86) Perylene-d12	23.47	264	2865034	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	4444334	112.11	ng	0.00
7) Phenol-d6	6.89	99	5635522	102.39	ng	0.00
23) Nitrobenzene-d5	8.86	82	3486421	78.40	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2274797	118.63	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	7855660	69.57	ng	0.00
79) Terphenyl-d14	19.69	244	10434683	66.26	ng	0.00

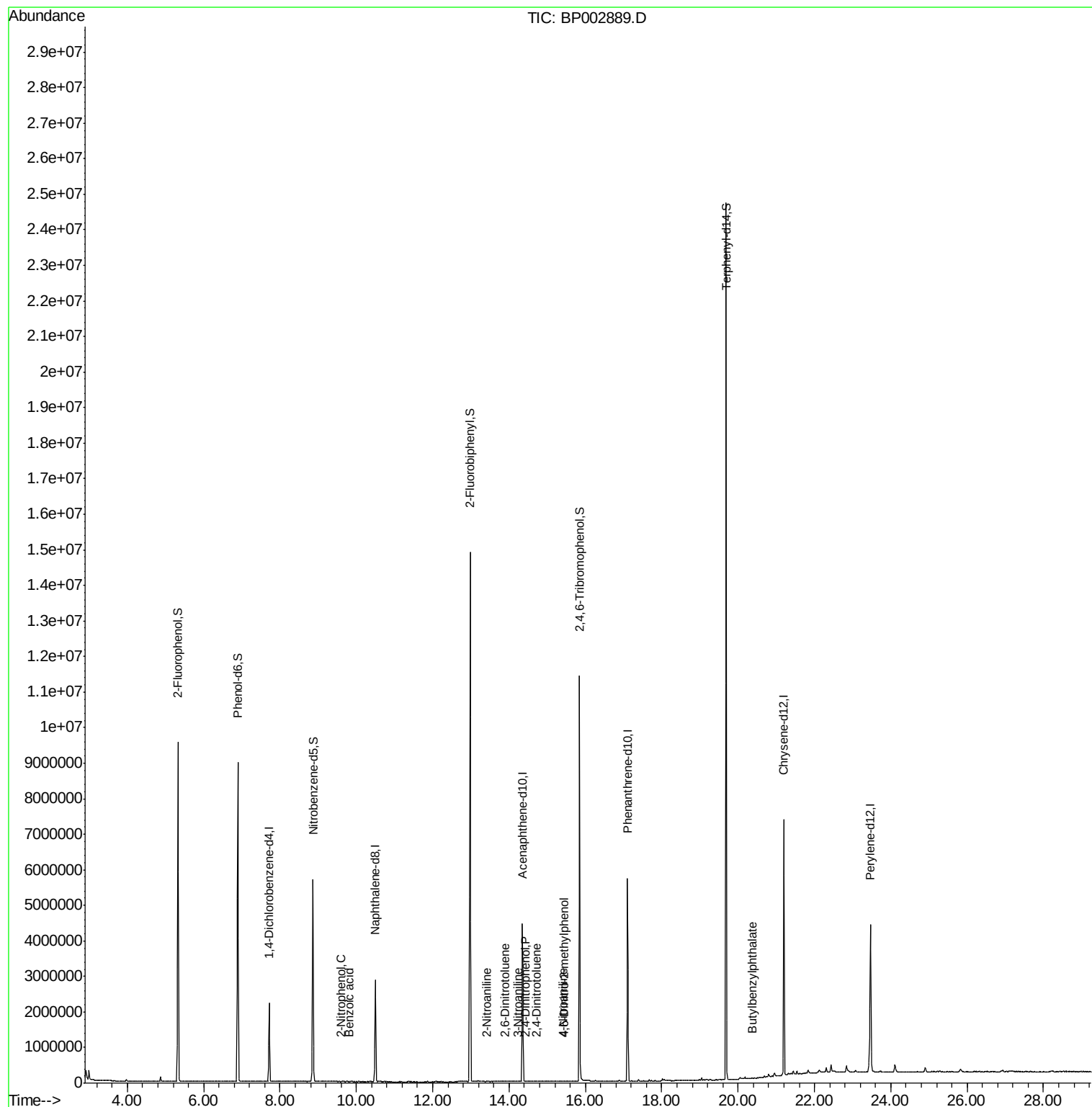
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.61	139	32	4.522	ng	# 1
32) Benzoic acid	9.81	122	182	7.693	ng	# 33
48) 2-Nitroaniline	13.40	65	161	3.978	ng	# 27
51) 2,6-Dinitrotoluene	13.89	165	122	2.904	ng	# 94
53) 3-Nitroaniline	14.25	138	89	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	24	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	468	3.818	ng	# 93
62) 4-Nitroaniline	15.42	138	93	2.419	ng	# 59
65) 4,6-Dinitro-2-methylphenol	15.46	198	40	6.902	ng	# 1
80) Butylbenzylphthalate	20.37	149	647	3.065	ng	# 37

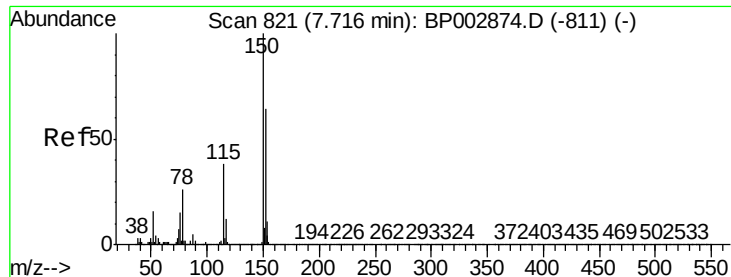
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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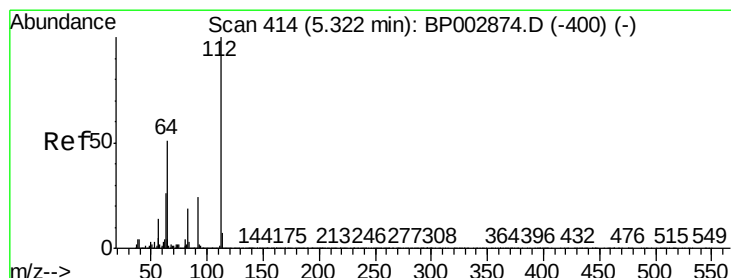
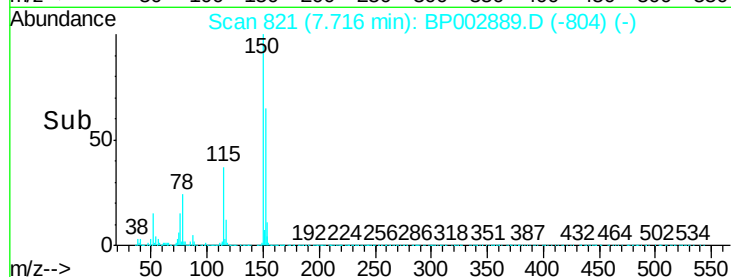
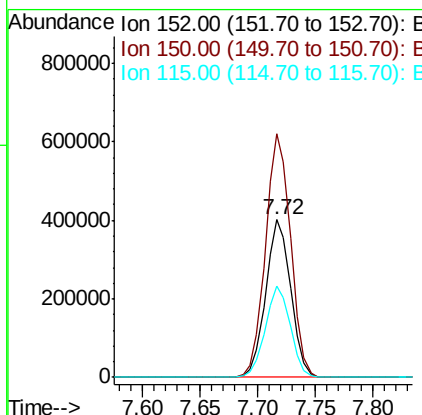
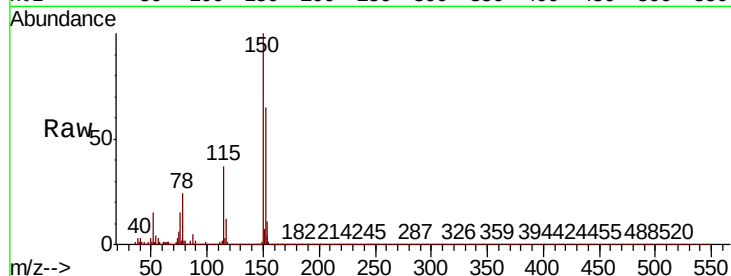


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB130626BL

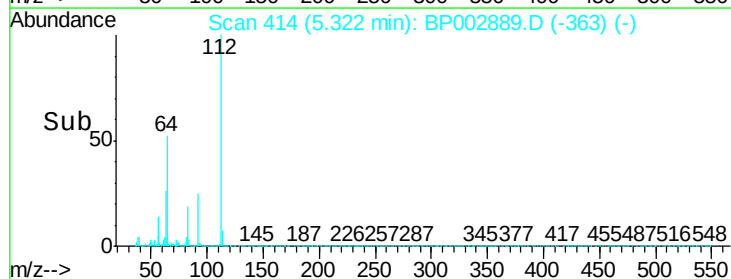
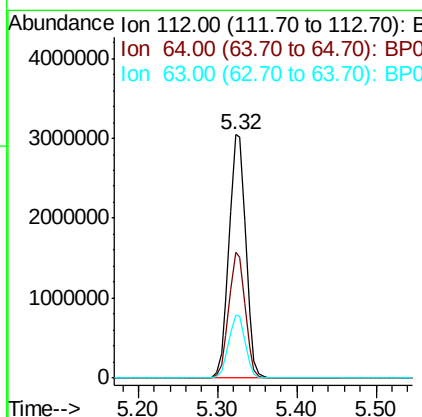
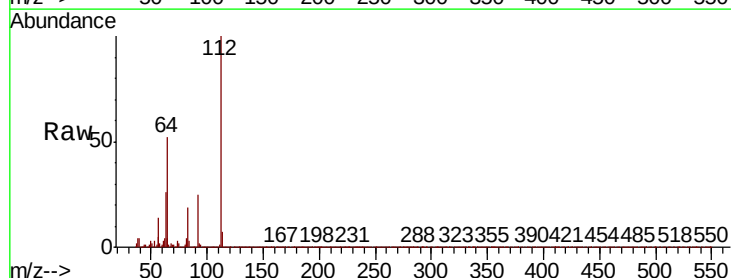
Tot Ion	152	Resp	606749
Ion Ratio	Lower	Upper	
152	100		
150	154.7	124.8	187.2
115	57.9	47.4	71.2

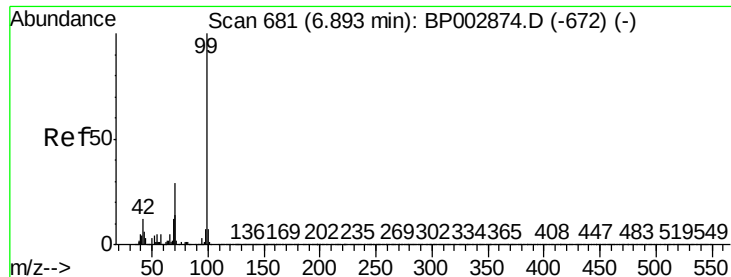


#5

2-Fluorophenol
Concen: 112.106 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion	112	Resp	4444334
Ion Ratio	Lower	Upper	
112	100		
64	51.8	41.0	61.6
63	26.0	20.7	31.1





#7

Phenol-d6

Concen: 102.389 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Instrument :

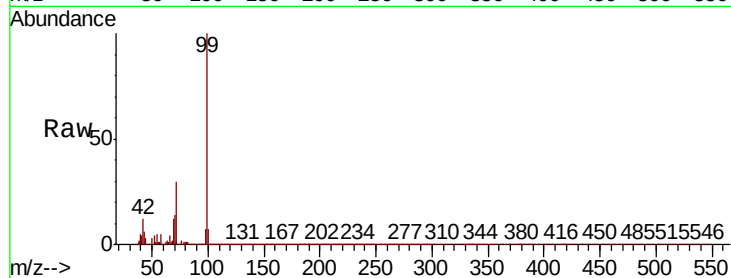
BNA_P

ClientSampleId :

PB130626BL

Tot Ion: 99 Resp: 5635522

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.3	13.9
71	30.4	23.5	35.3

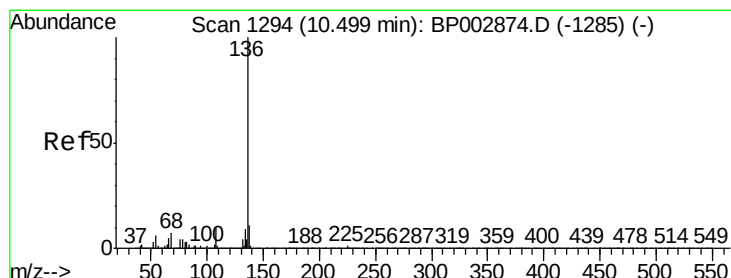
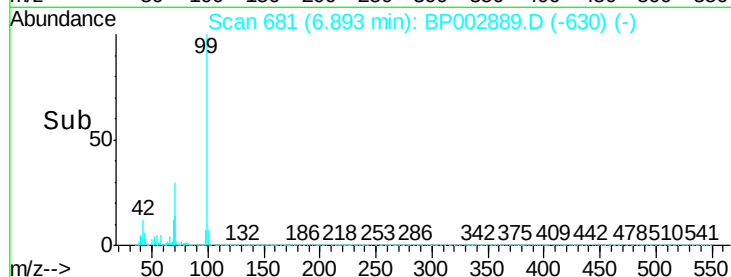
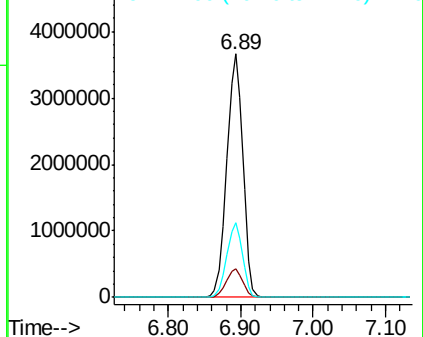


Abundance

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: 10.50 min Scan# 1294

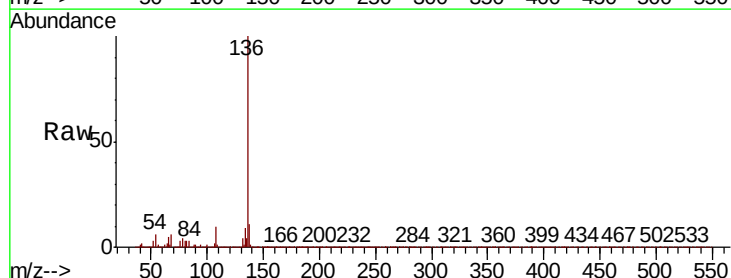
Delta R.T. 0.00 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Tgt Ion: 136 Resp: 2408681

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.0	5.1	7.7
68	6.5	5.3	7.9



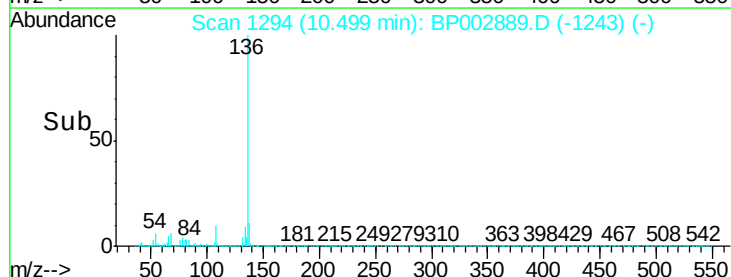
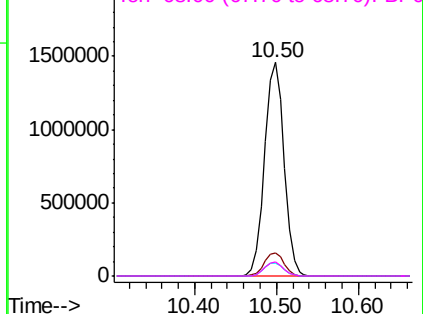
Abundance

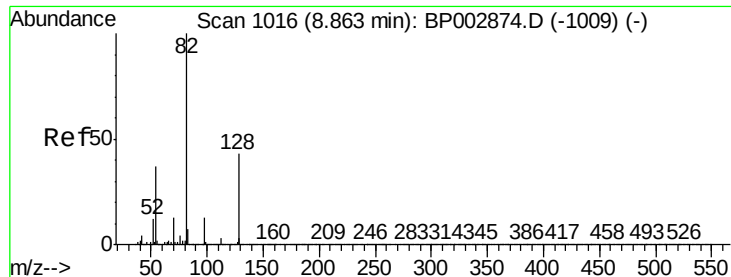
Ion 136.00 (135.70 to 136.70): E

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

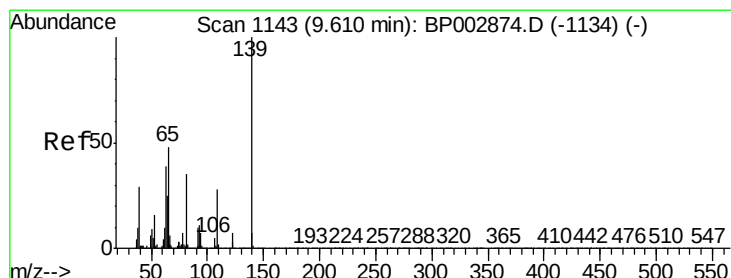
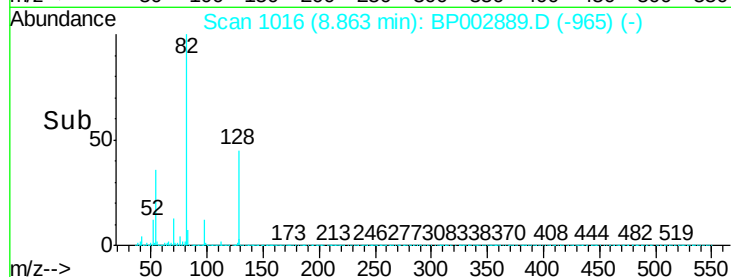
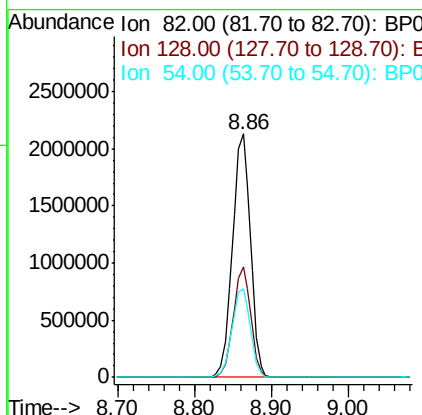
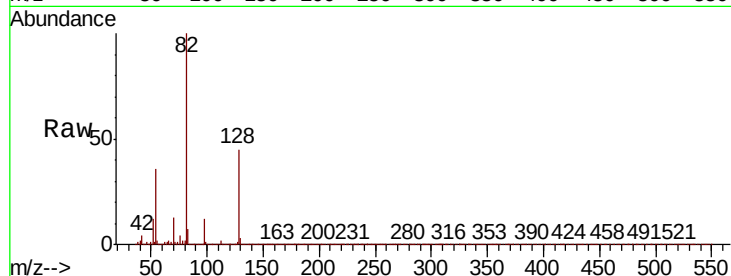




#23
Nitrobenzene-d5
Concen: 78.397 ng
RT: 8.86 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

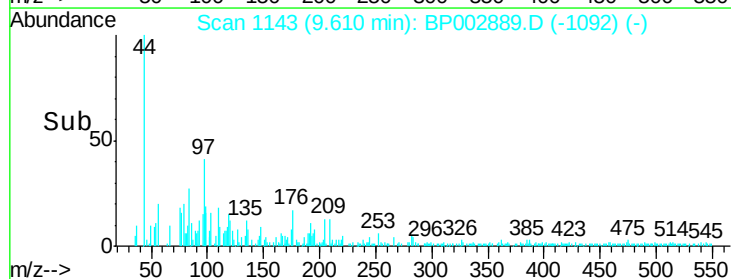
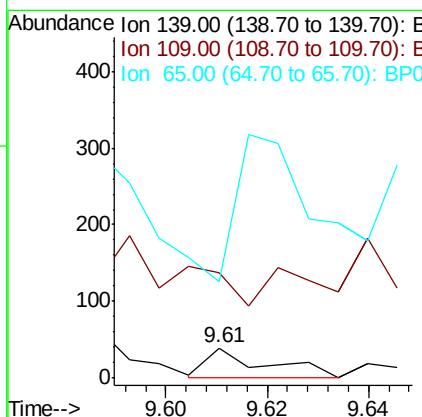
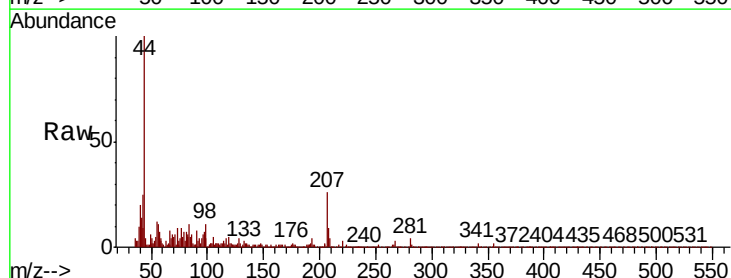
Instrument :
BNA_P
ClientSampled :
PB130626BL

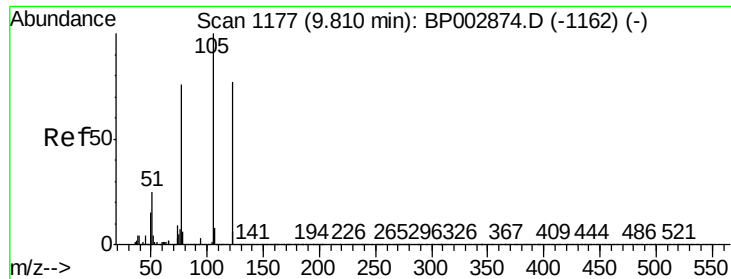
Tot Ion: 82 Resp: 3486421
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 36.4 29.5 44.3



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion:139 Resp: 32
Ion Ratio Lower Upper
139 100
109 353.8 22.2 33.2#
65 323.1 38.9 58.3#

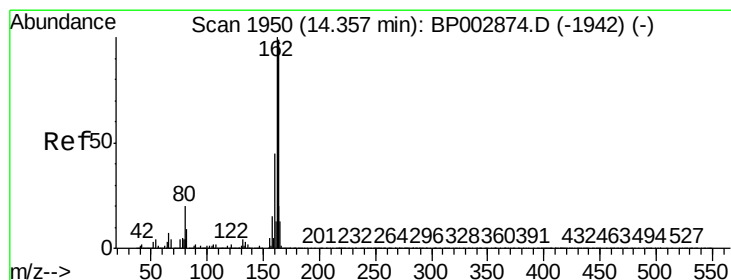
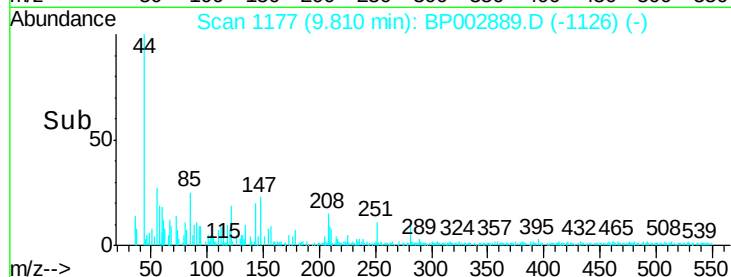
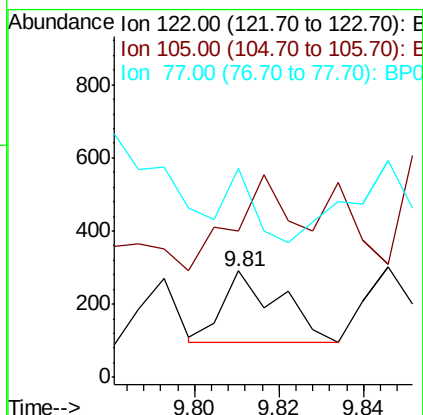
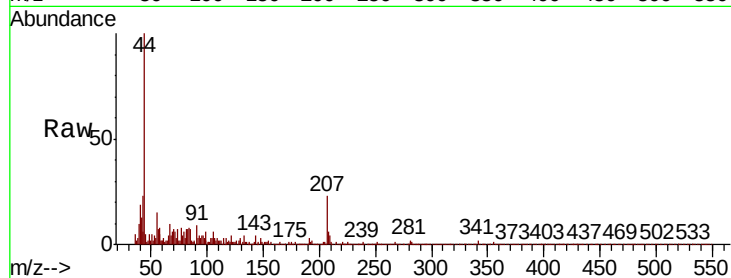




#32
Benzoic acid
Concen: 7.693 ng
RT: 9.81 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

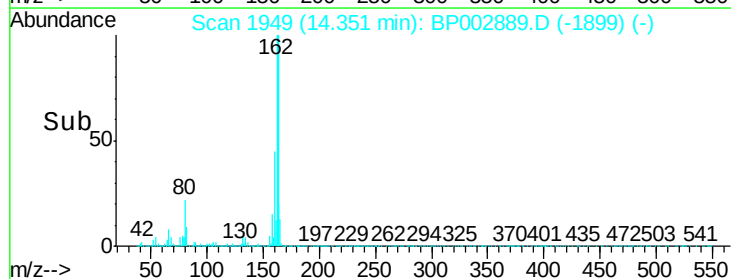
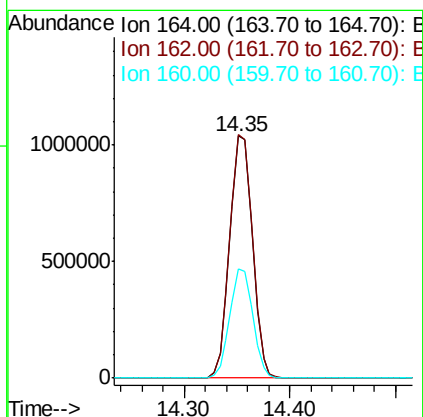
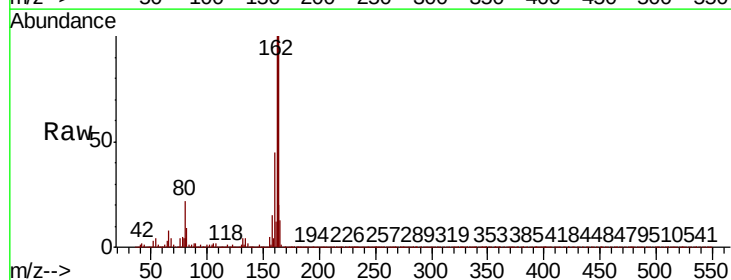
Instrument :
BNA_P
ClientSampleId :
PB130626BL

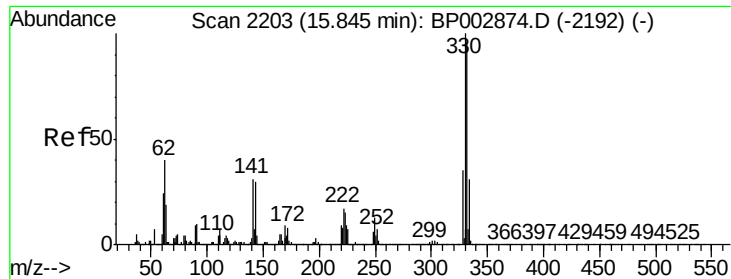
Tot Ion	Ratio	Lower	Upper
122	100		
105	165.6	103.4	143.4#
77	196.9	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.6
160	45.1	36.2	54.4

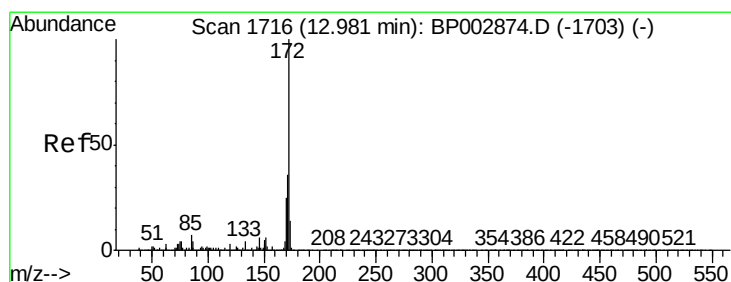
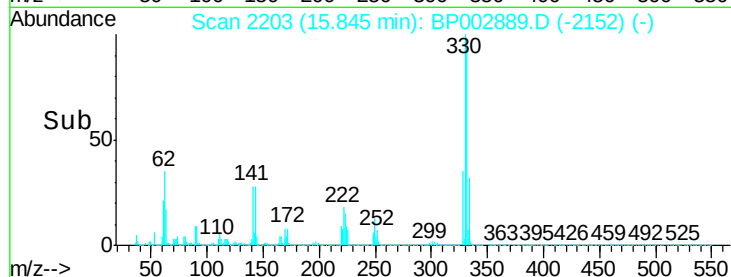
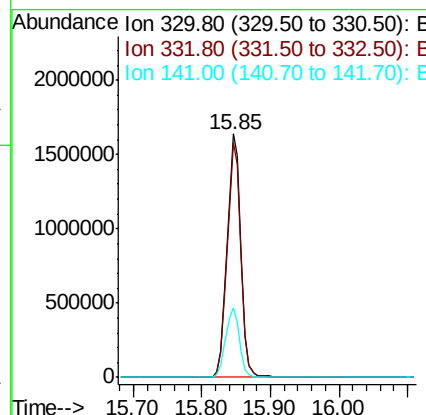
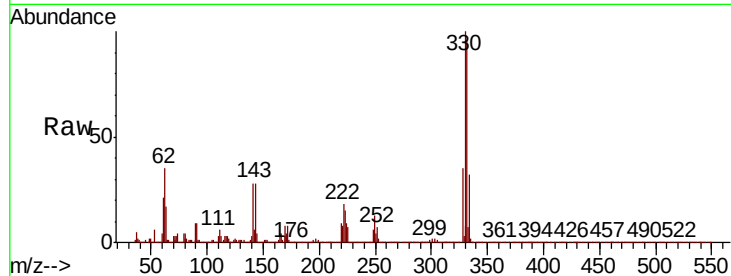




#42
2,4,6-Tribromophenol
Concen: 118.631 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

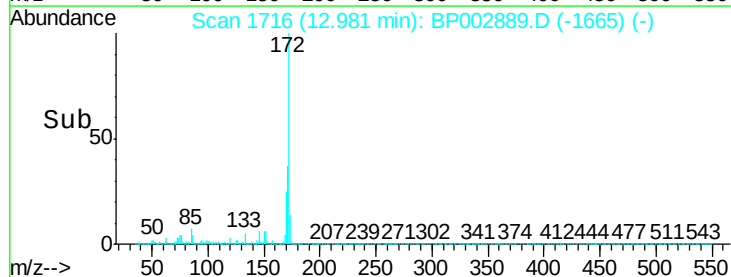
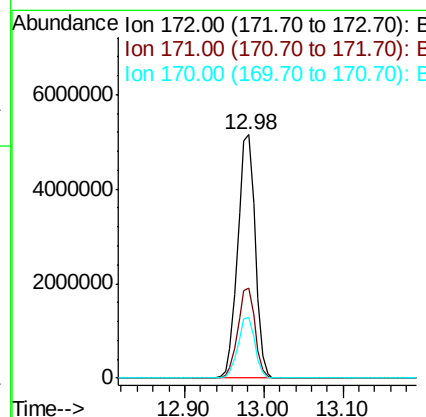
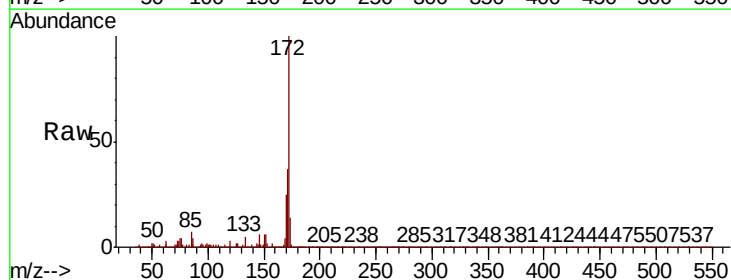
Instrument :
BNA_P
ClientSampleId :
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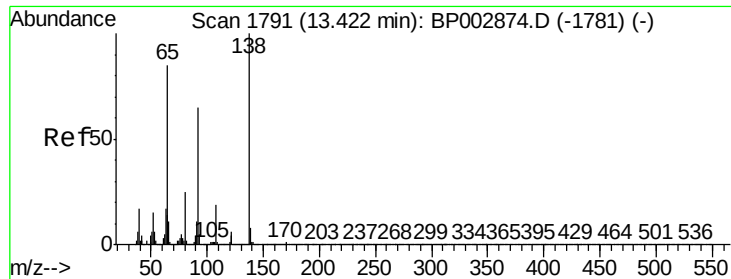
Tot Ion:330 Resp: 2274797
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.8 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 69.569 ng
RT: 12.98 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion:172 Resp: 7855660
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.0 19.6 29.4

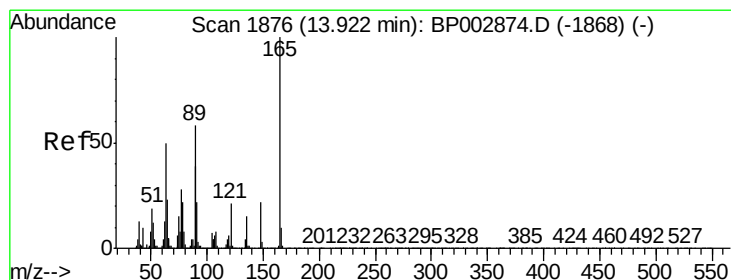
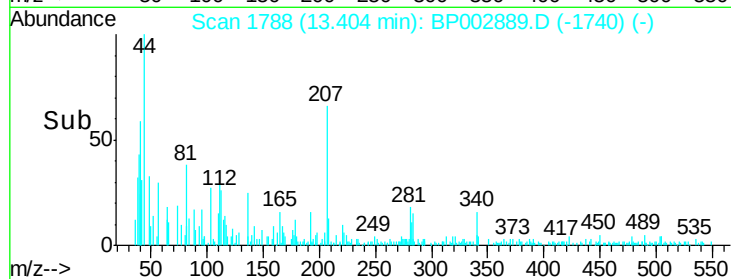
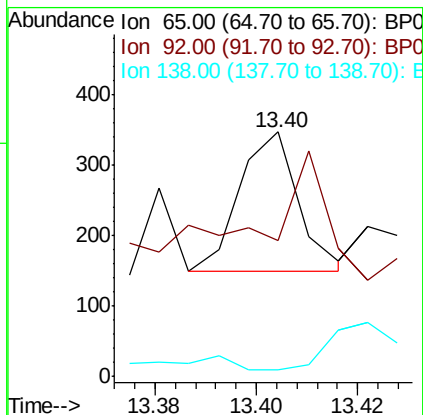
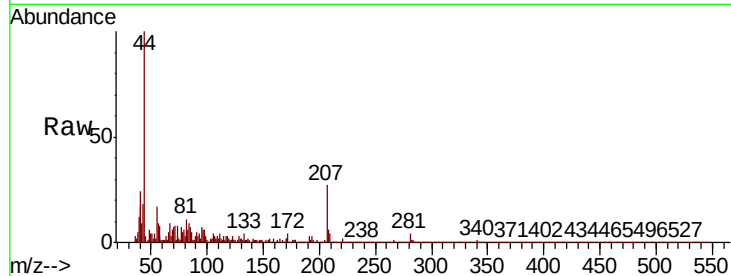




#48
2-Nitroaniline
Concen: 3.978 ng
RT: 13.40 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

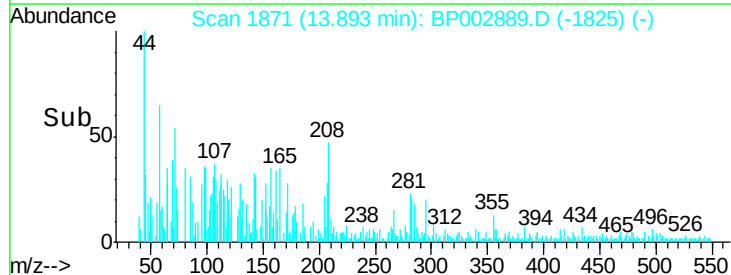
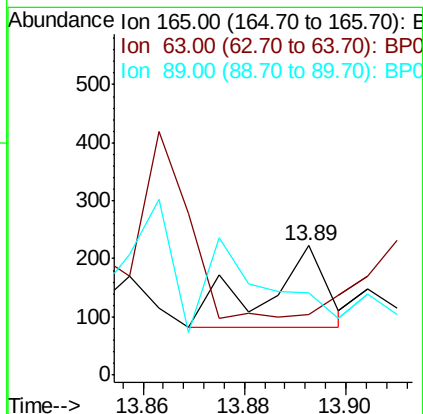
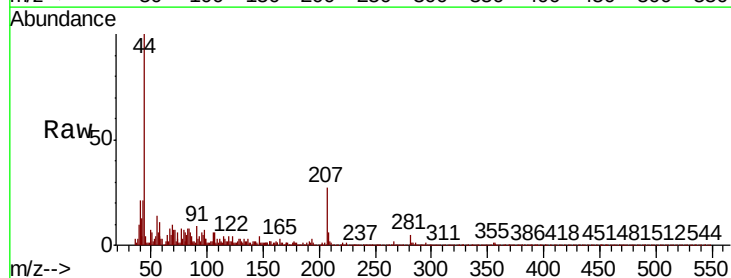
Instrument :
BNA_P
ClientSampleId :
PB130626BL

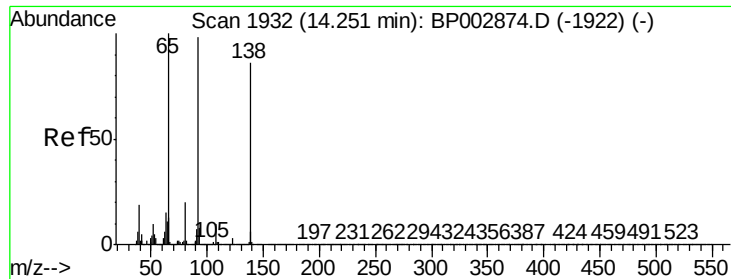
Tot Ion: 65 Resp: 161
Ion Ratio Lower Upper
65 100
92 55.6 61.4 92.0#
138 2.3 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.904 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion: 165 Resp: 122
Ion Ratio Lower Upper
165 100
63 46.6 40.3 60.5
89 63.2 46.5 69.7

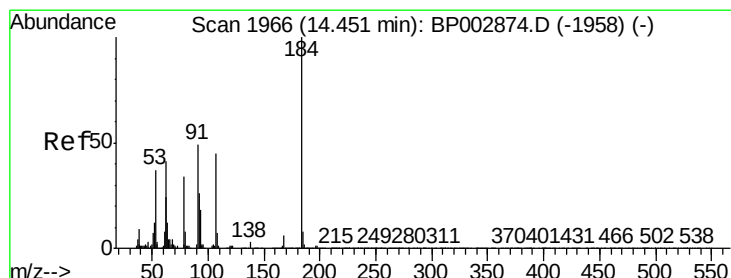
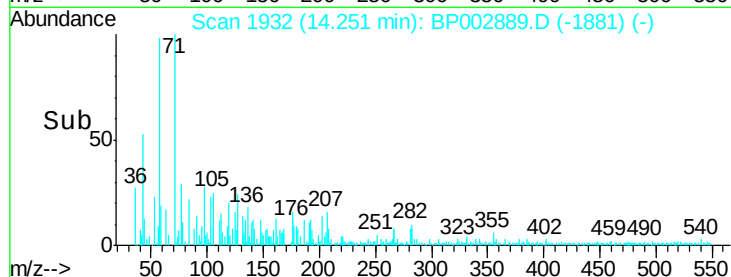
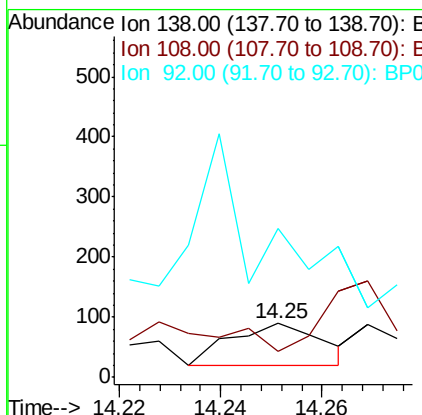
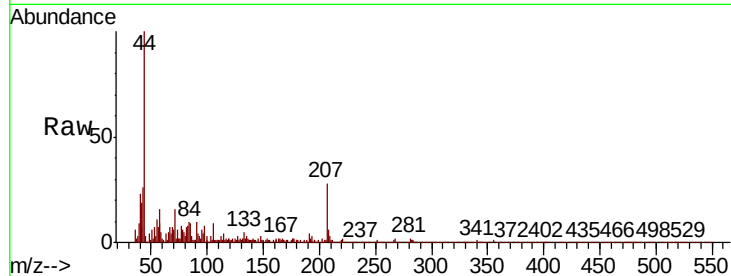




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

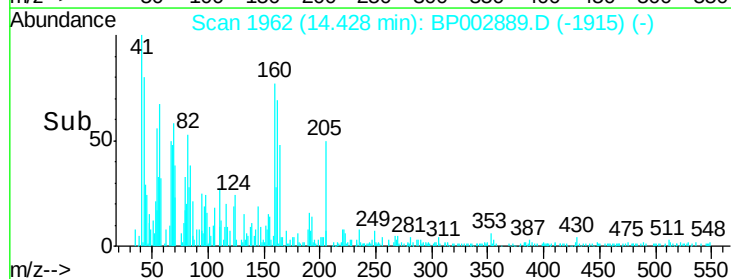
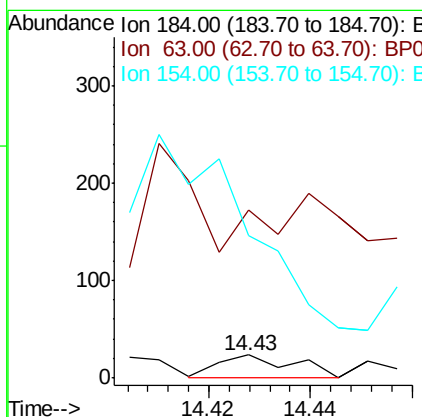
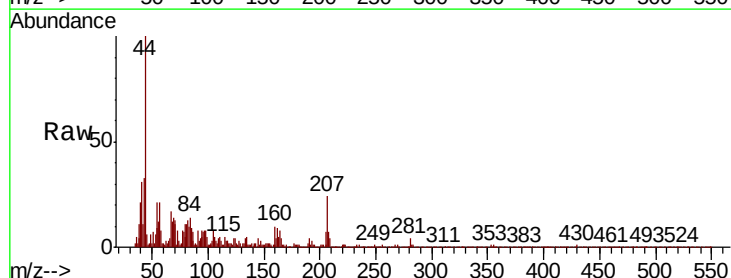
Instrument :
BNA_P
ClientSampleId :
PB130626BL

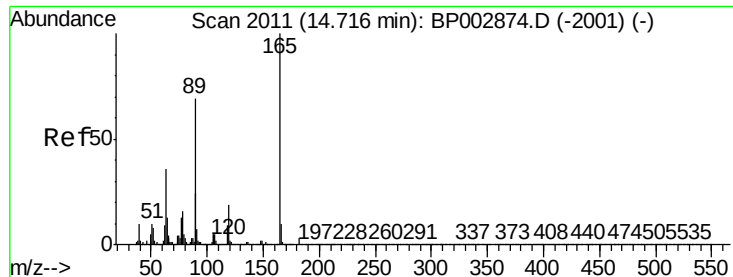
Tot Ion:138 Resp: 89
Ion Ratio Lower Upper
138 100
108 47.8 9.4 14.0#
92 275.6 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 752.2 50.3 75.5#
154 1126.1 50.6 76.0#

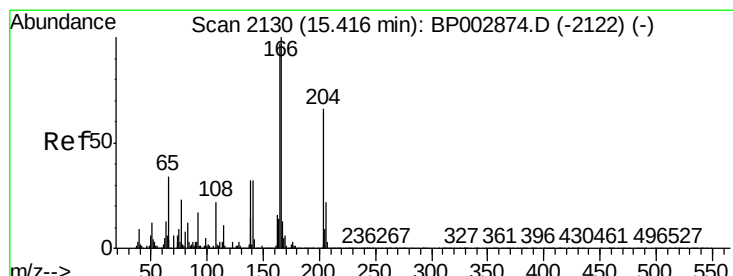
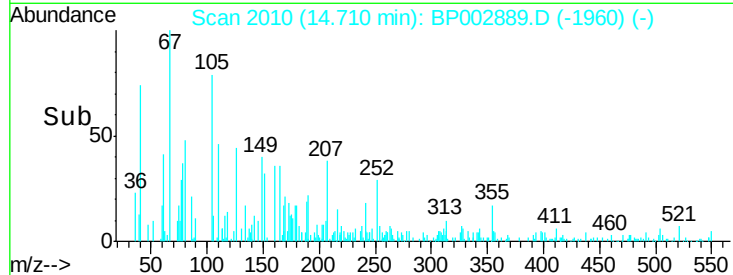
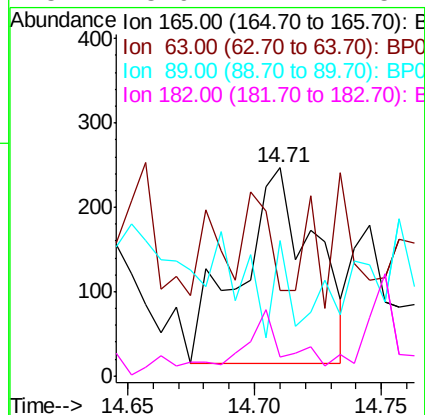
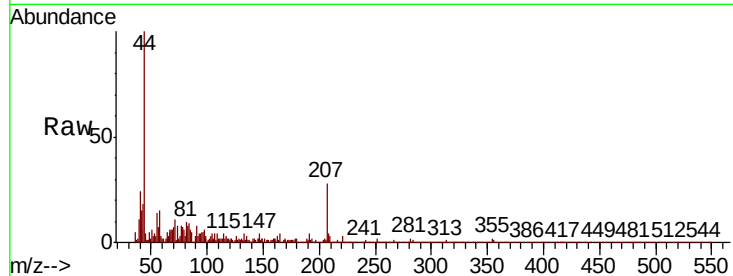




#57
2,4-Dinitrotoluene
Concen: 3.818 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

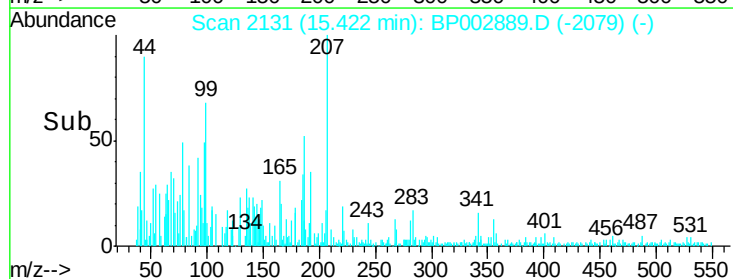
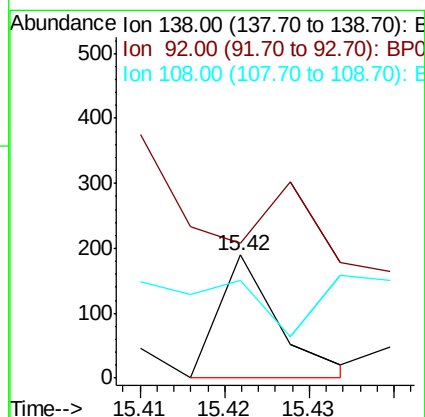
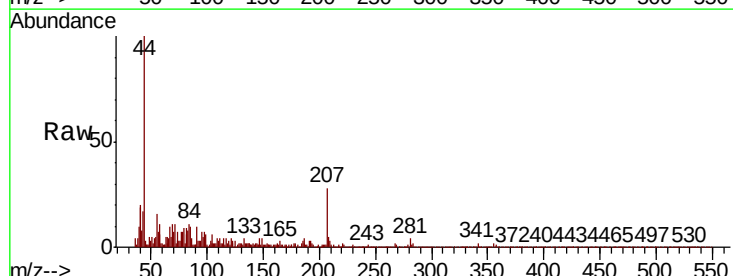
Instrument :
BNA_P
ClientSampleId :
PB130626BL

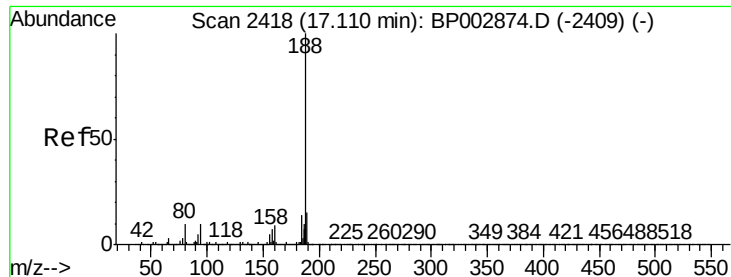
Tot Ion:165	Resp: 468
Ion Ratio	Lower Upper
165 100	
63 40.9	29.0 43.4
89 64.8	55.5 83.3
182 8.9	2.2 3.4#



#62
4-Nitroaniline
Concen: 2.419 ng
RT: 15.42 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt	Ion:138	Resp:	93
Ion	Ratio	Lower	Upper
138	100		
92	108.9	32.2	72.2#
108	78.9	50.0	90.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

Instrument :

BNA_P

ClientSampleId :

PB130626BL

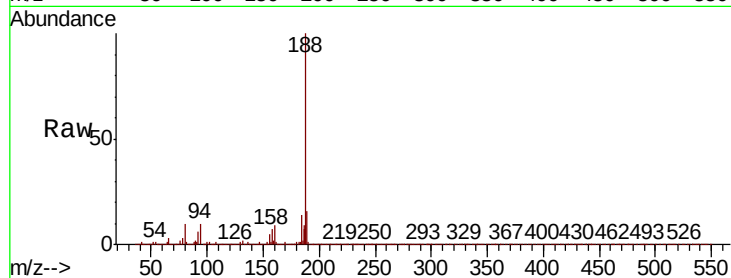
Tot Ion:188 Resp: 3354350

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

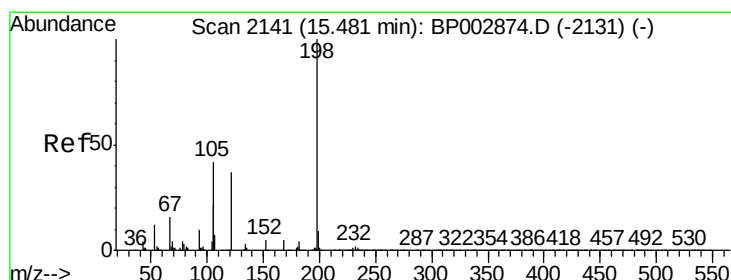
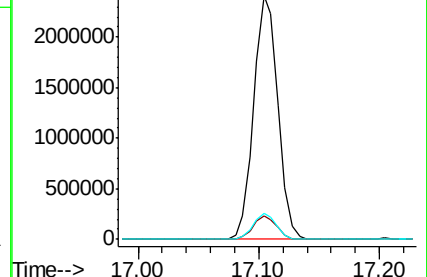
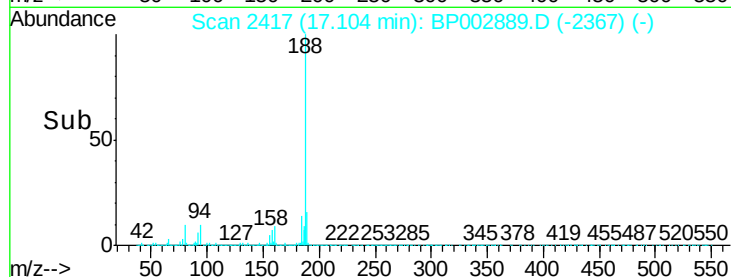
80 10.5 8.0 12.0



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: 6.902 ng

RT: 15.46 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BP002889.D

Acq: 31 Jul 2020 12:26

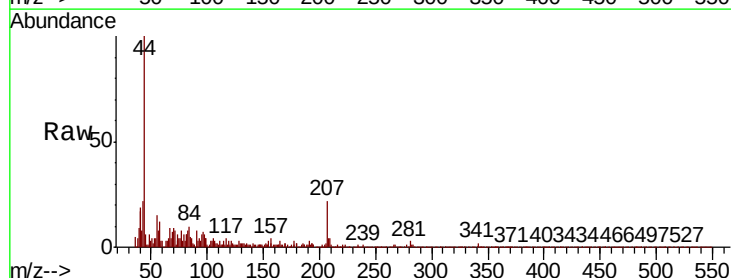
Tgt Ion:198 Resp: 40

Ion Ratio Lower Upper

198 100

51 820.0 11.6 51.6#

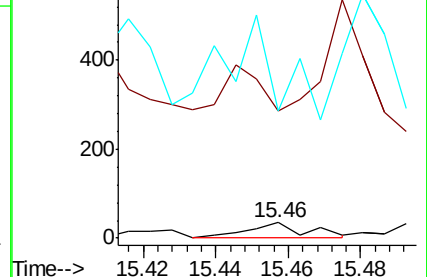
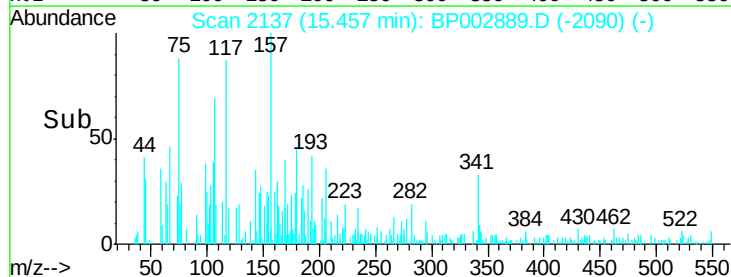
105 817.1 23.8 63.8#

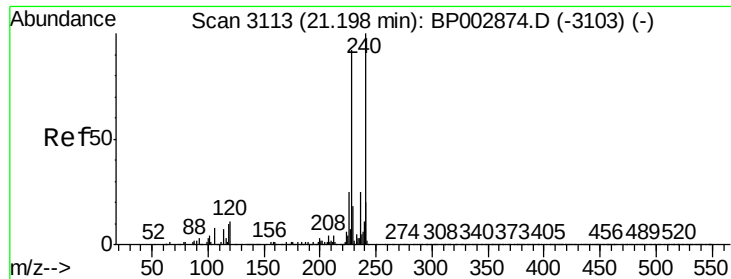


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

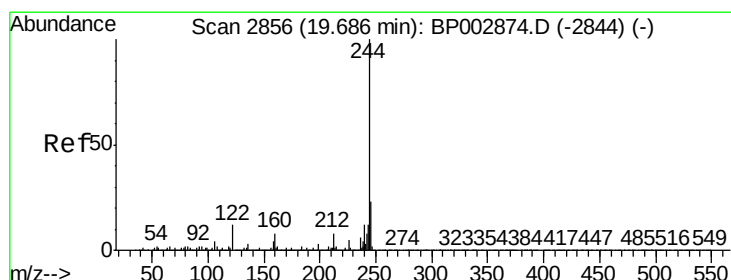
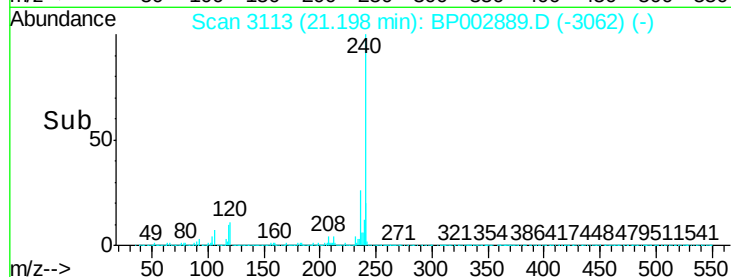
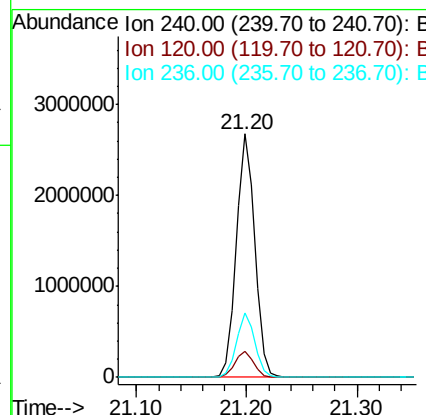
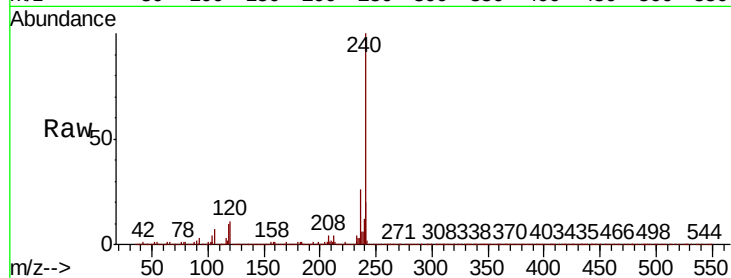




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.20 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BP002889.D
 Acq: 31 Jul 2020 12:26

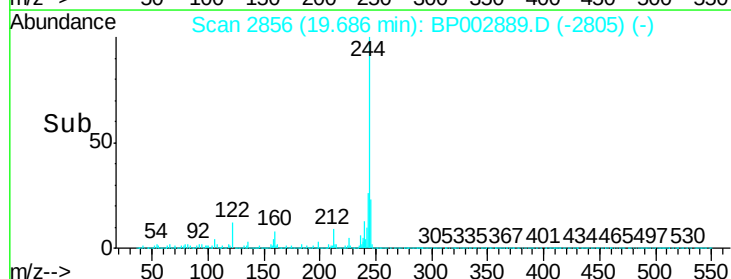
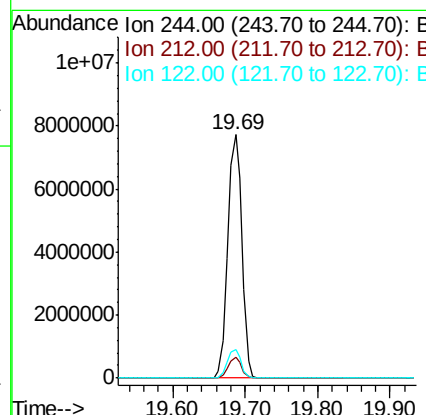
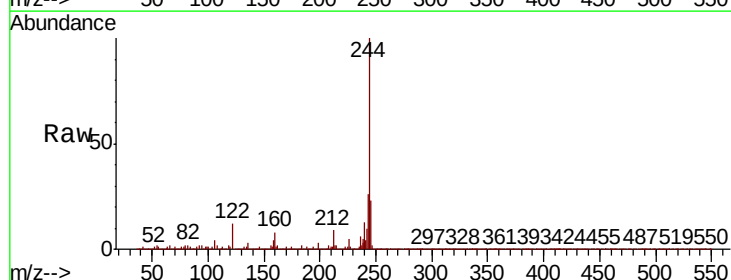
Instrument :
 BNA_P
 ClientSampleId :
 PB130626BL

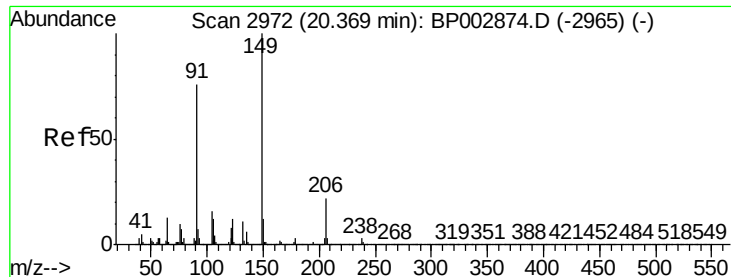
Tot Ion:240 Resp: 3152687
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 26.4 20.3 30.5



#79
 Terphenyl-d14
 Concen: 66.260 ng
 RT: 19.69 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BP002889.D
 Acq: 31 Jul 2020 12:26

Tgt Ion:244 Resp:10434683
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 11.9 9.4 14.2

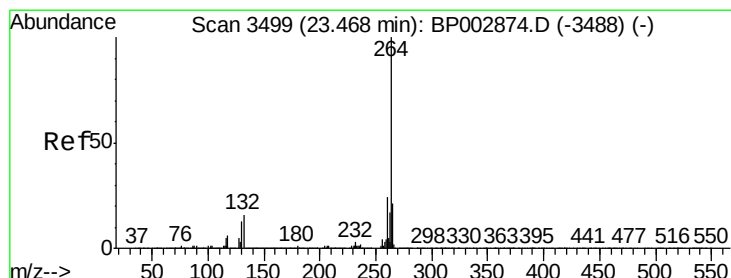
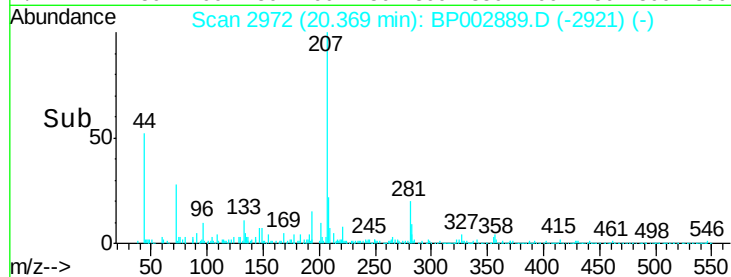
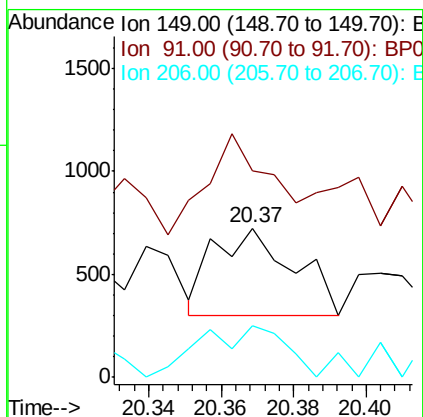
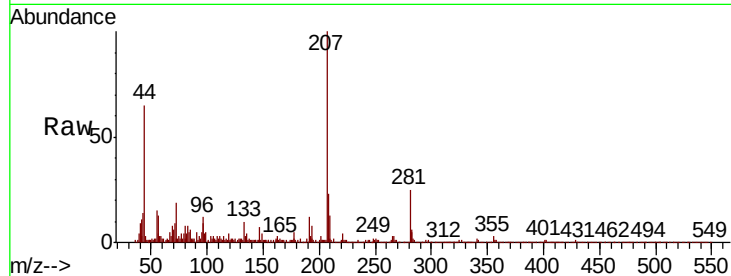




#80
Butylbenzylphthalate
Concen: 3.065 ng
RT: 20.37 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB130626BL

Tot Ion:149 Resp: 647
Ion Ratio Lower Upper
149 100
91 138.3 60.5 90.7#
206 34.8 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BP002889.D
Acq: 31 Jul 2020 12:26

Tgt Ion:264 Resp: 2865034
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.8 17.0 25.4

