

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002933.D
 Acq On : 07 Aug 2020 14:48
 Operator : CG/JU
 Sample : PB130732BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130730BL

Quant Time: Aug 07 16:55:35 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	531598	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2058742	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1291769	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2727285	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2294488	20.00	ng	-0.01
86) Perylene-d12	23.44	264	1946513	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3659126	105.35	ng	0.00
7) Phenol-d6	6.89	99	4535764	94.06	ng	0.00
23) Nitrobenzene-d5	8.86	82	2700278	71.04	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1928926	120.14	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6857255	72.53	ng	-0.01
79) Terphenyl-d14	19.67	244	8609158	75.12	ng	-0.01

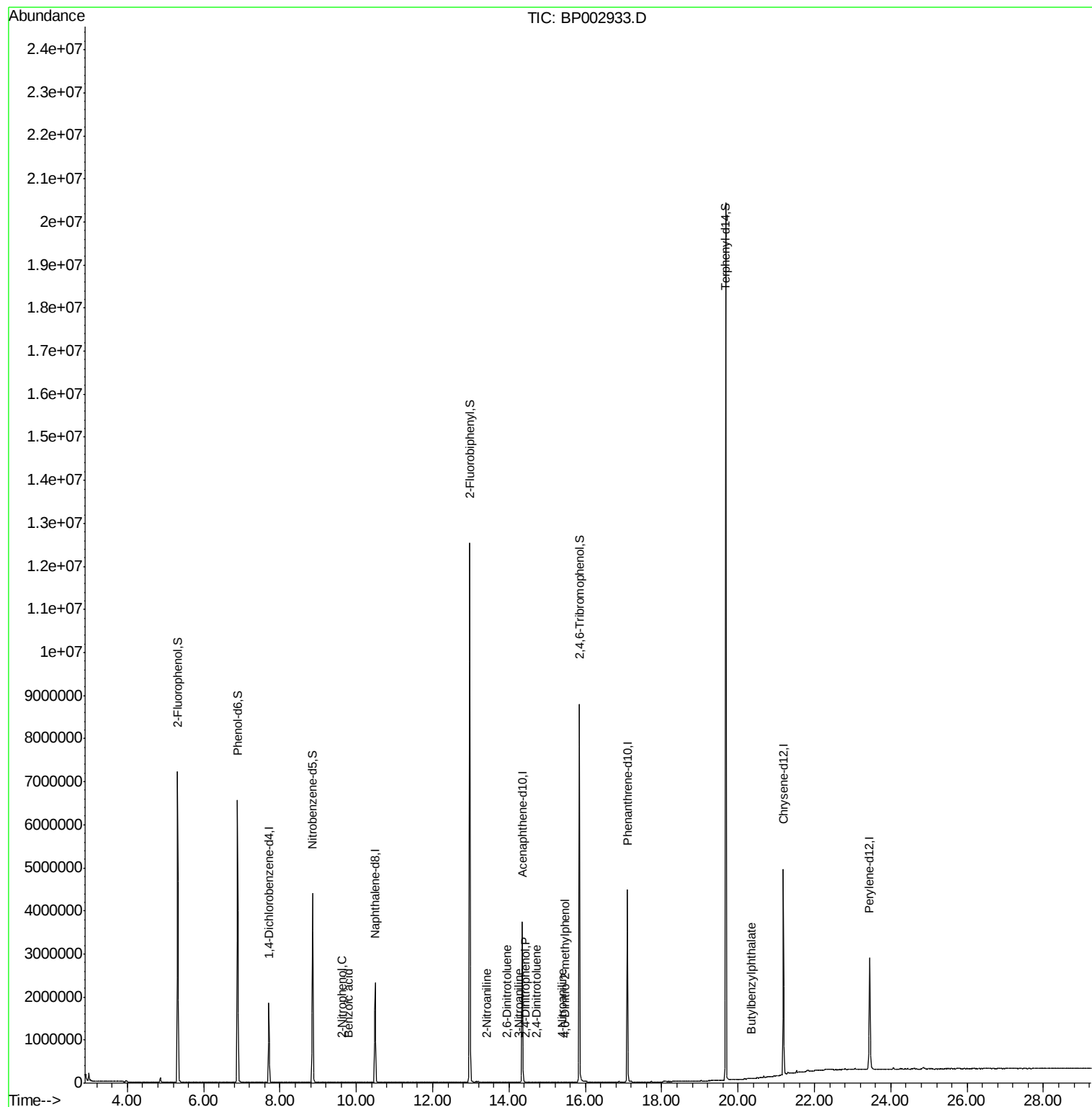
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	22	4.522	ng	# 1
32) Benzoic acid	9.78	122	293	7.699	ng	# 84
48) 2-Nitroaniline	13.41	65	38	3.973	ng	# 19
51) 2,6-Dinitrotoluene	13.94	165	130	2.905	ng	# 47
53) 3-Nitroaniline	14.25	138	24	3.274	ng	# 1
54) 2,4-Dinitrophenol	14.44	184	31	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.73	165	177	3.811	ng	# 87
62) 4-Nitroaniline	15.39	138	26	2.417	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	27	6.902	ng	# 1
80) Butylbenzylphthalate	20.34	149	415	3.064	ng	# 81

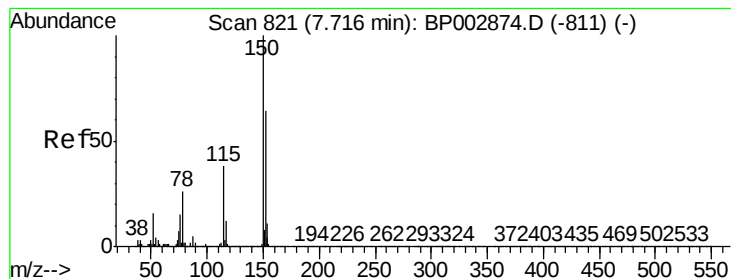
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002933.D

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Instrument :

BNA_P

ClientSampleId :

PB130730BL

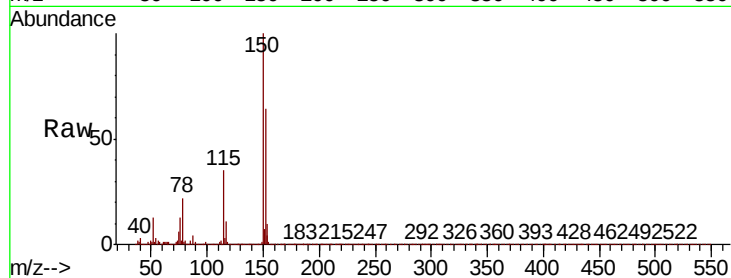
Tot Ion:152 Resp: 531598

Ion Ratio Lower Upper

152 100

150 156.5 124.8 187.2

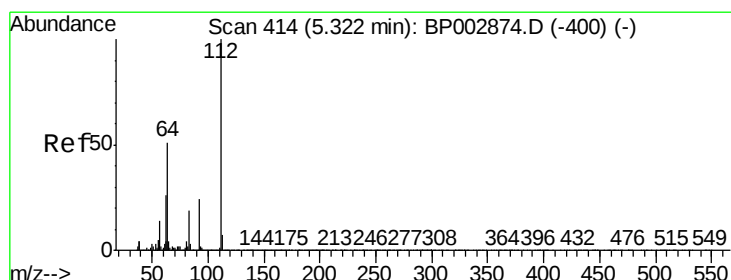
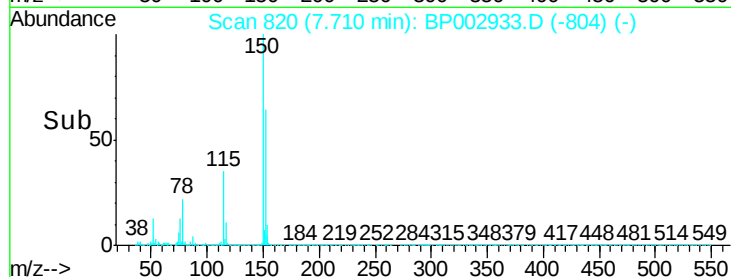
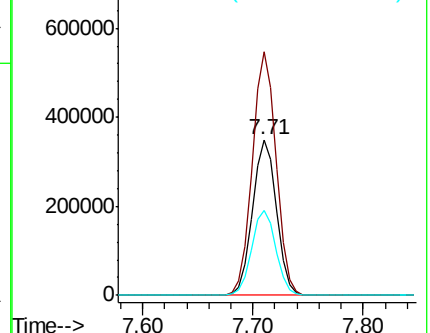
115 54.9 47.4 71.2



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: 105.348 ng

RT: 5.32 min Scan# 413

Delta R.T. -0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

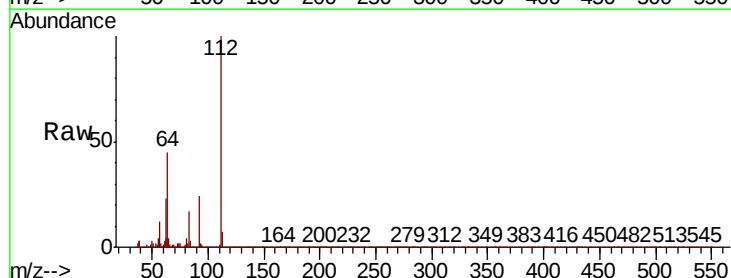
Tgt Ion:112 Resp: 3659126

Ion Ratio Lower Upper

112 100

64 45.0 41.0 61.6

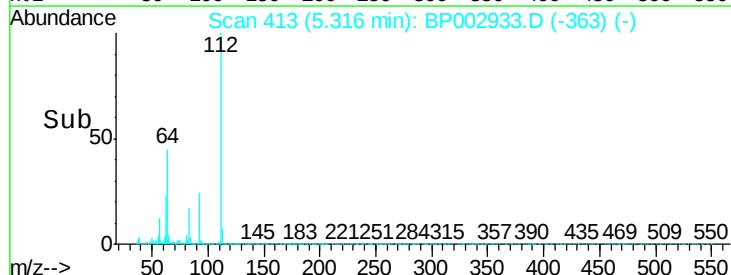
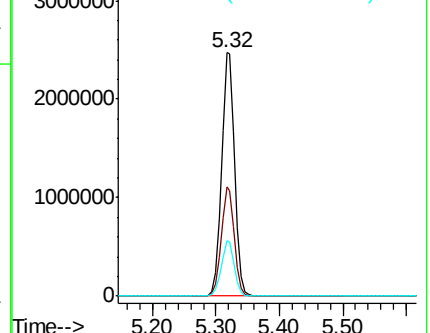
63 22.7 20.7 31.1

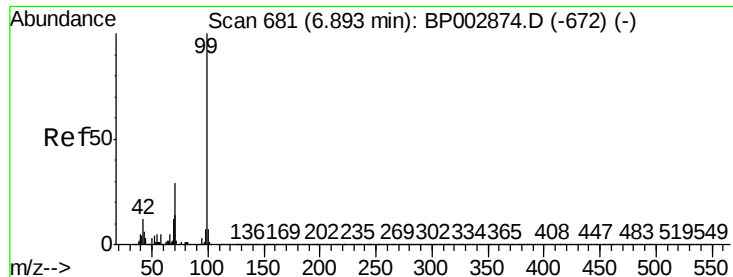


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.058 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

Instrument :

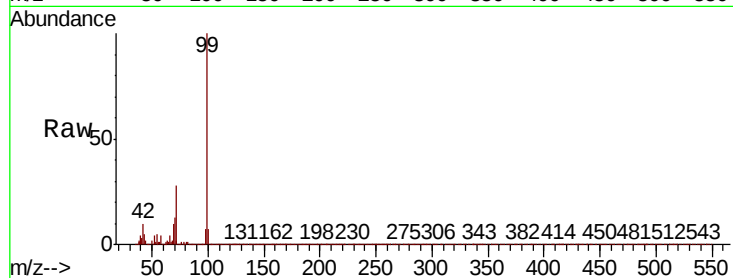
BNA_P

ClientSampleId :

PB130730BL

Tot Ion: 99 Resp: 4535764

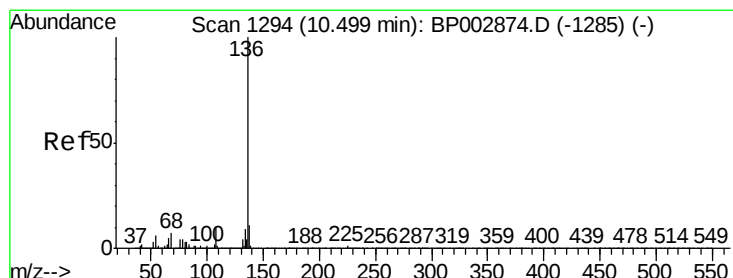
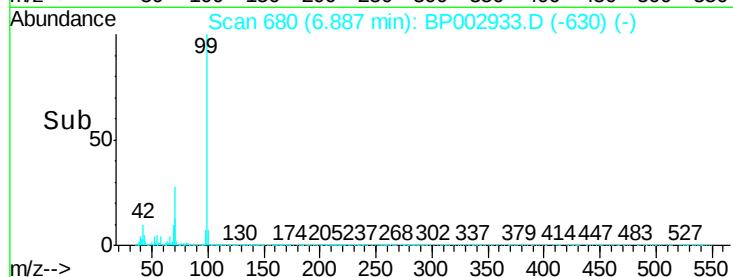
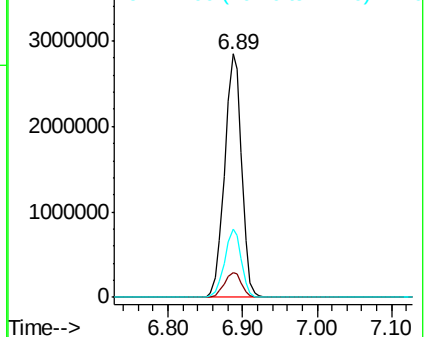
Ion	Ratio	Lower	Upper
99	100		
42	10.3	9.3	13.9
71	27.9	23.5	35.3



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

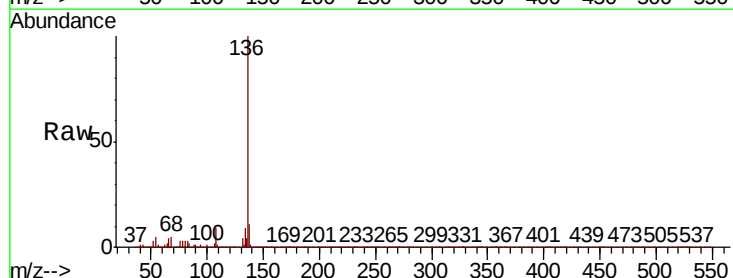
Delta R.T. -0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

Tgt Ion: 136 Resp: 2058742

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	5.1	7.7
68	5.4	5.3	7.9

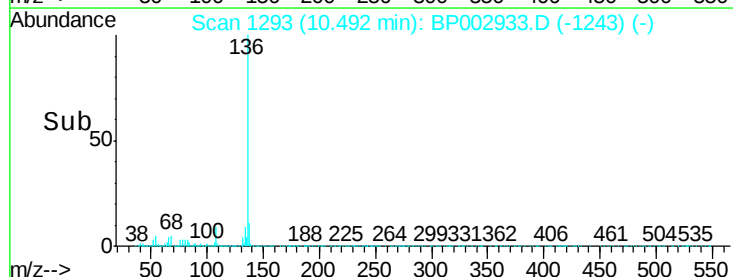
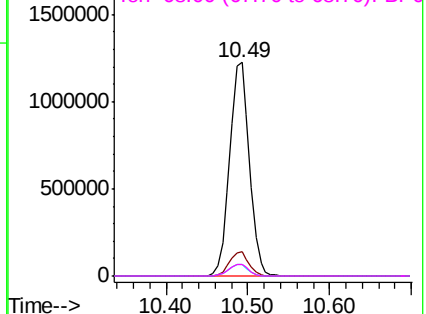


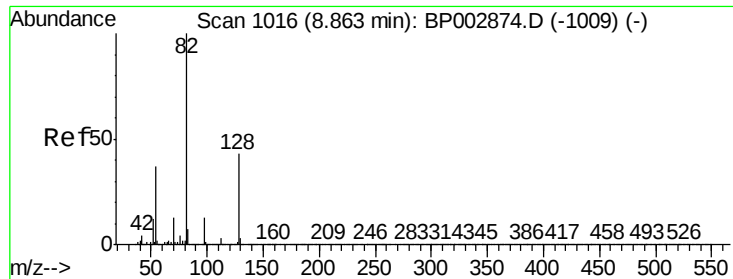
Abundance Ion 136.00 (135.70 to 136.70): E

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

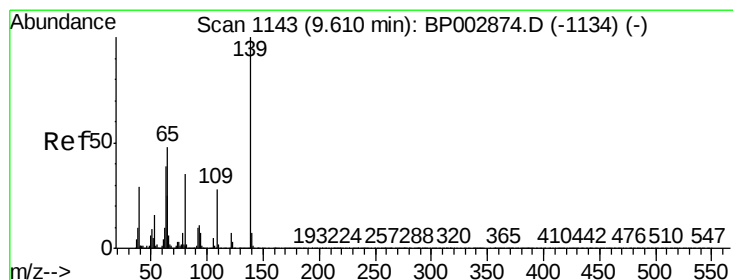
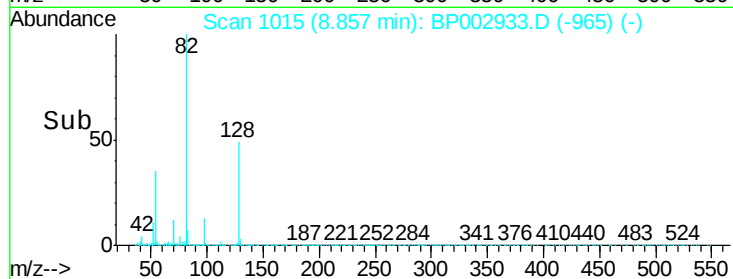
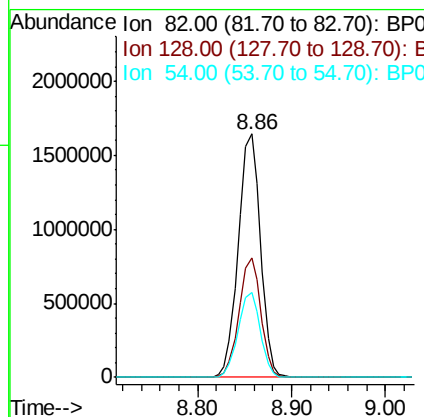
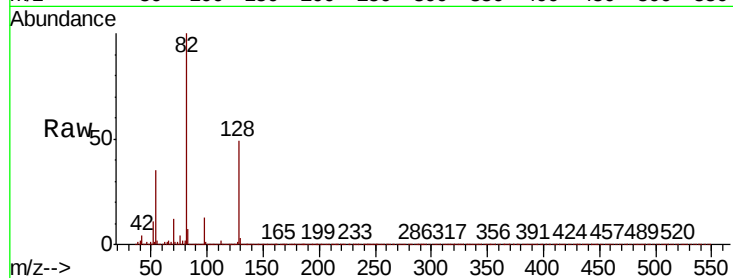




#23
Nitrobenzene-d5
Concen: 71.040 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

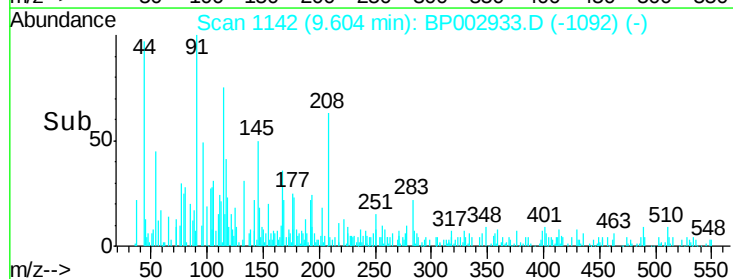
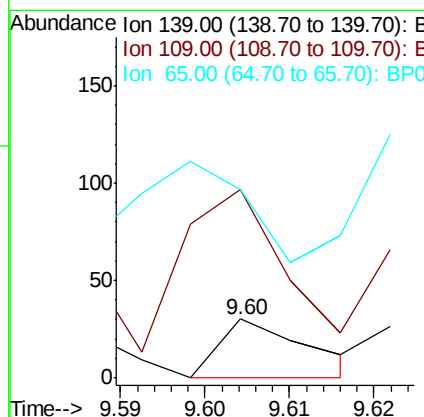
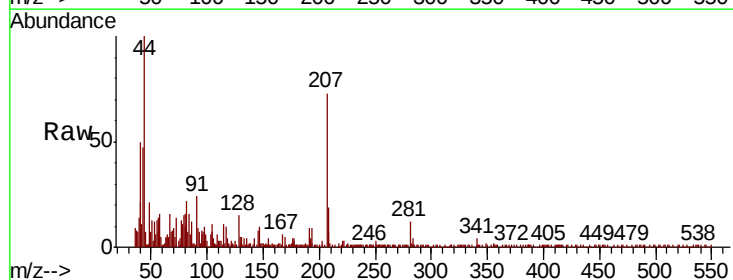
Instrument :
BNA_P
ClientSampleId :
PB130730BL

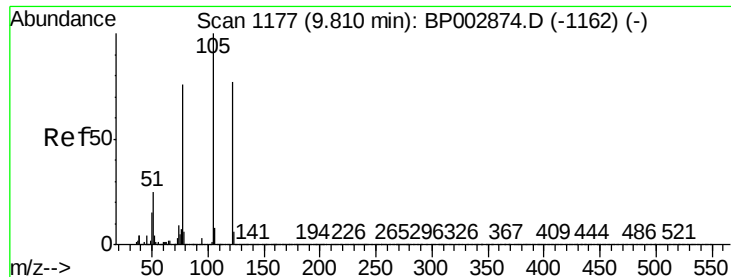
Tot Ion: 82 Resp: 2700278
Ion Ratio Lower Upper
82 100
128 49.0 34.6 52.0
54 34.9 29.5 44.3



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 323.3 22.2 33.2#
65 323.3 38.9 58.3#

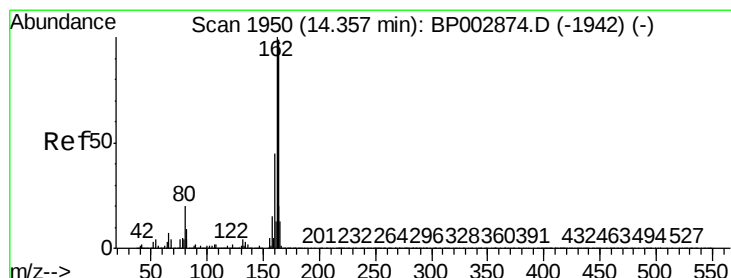
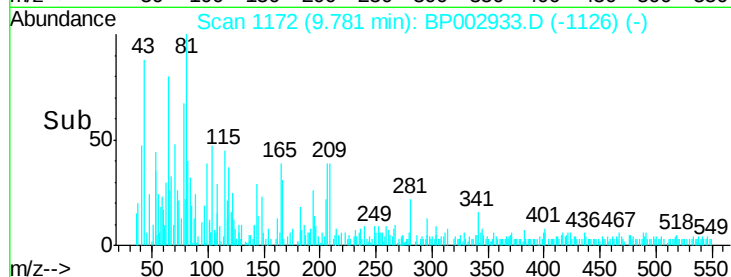
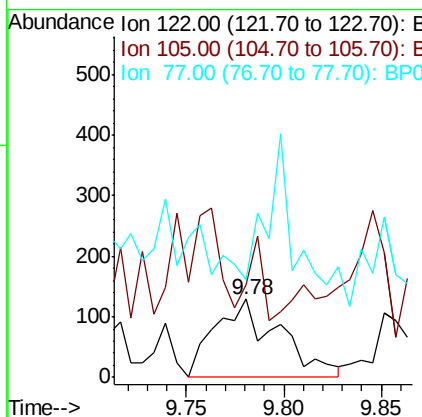
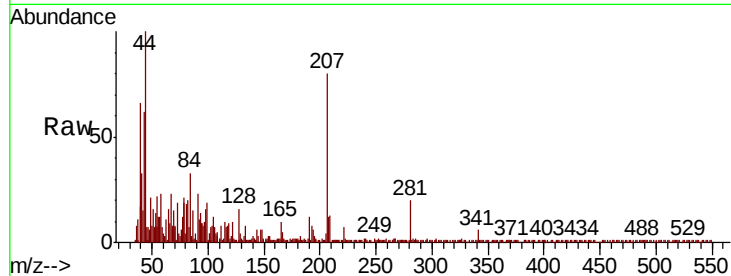




#32
Benzoic acid
Concen: 7.699 ng
RT: 9.78 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

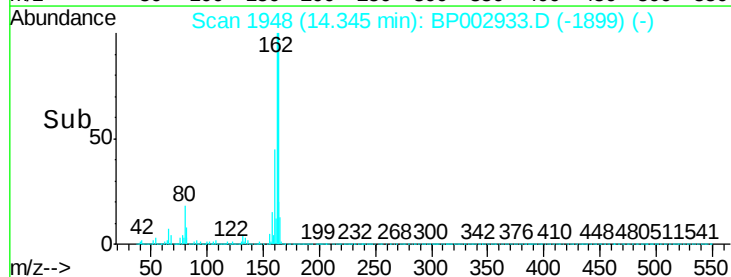
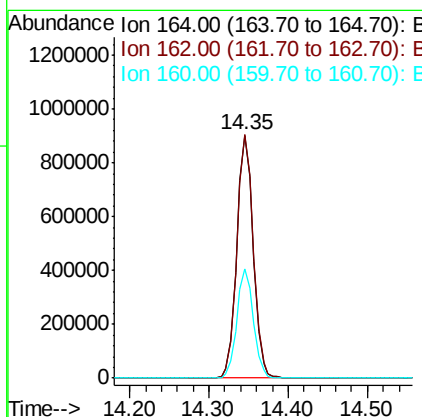
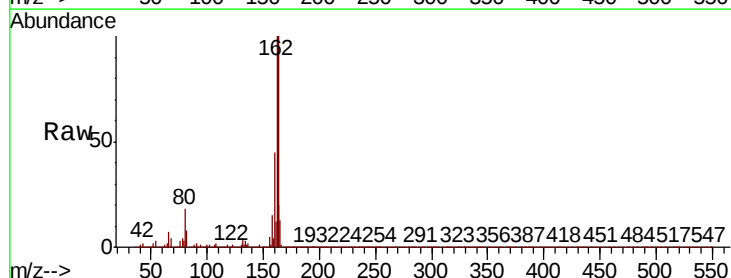
Instrument :
BNA_P
ClientSampleId :
PB130730BL

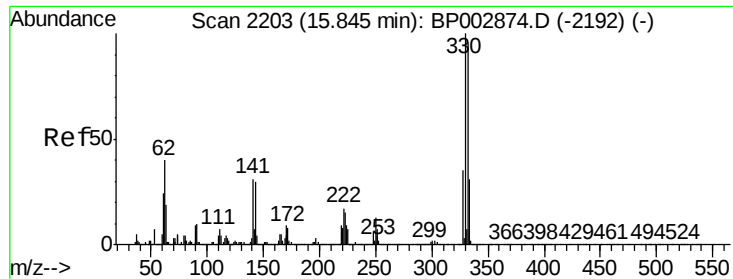
Tot Ion:122 Resp: 293
Ion Ratio Lower Upper
122 100
105 118.6 103.4 143.4
77 124.8 74.6 114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

Tgt Ion:164 Resp: 1291769
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 44.8 36.2 54.4

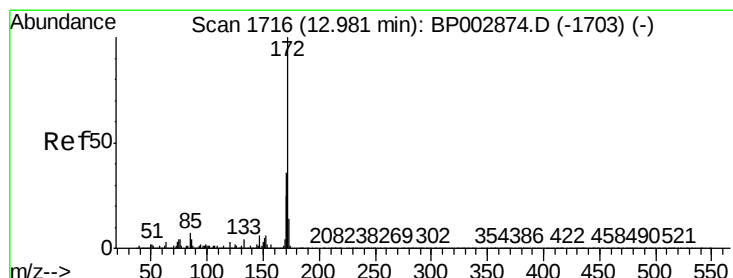
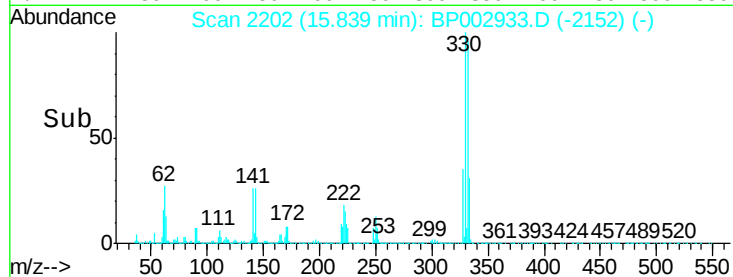
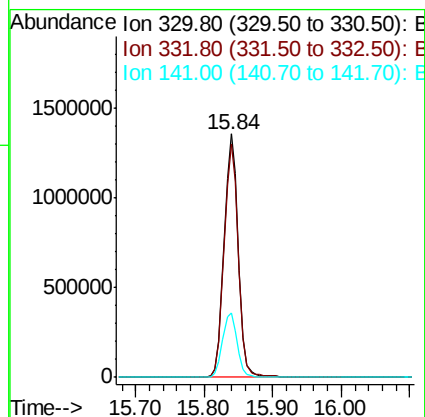
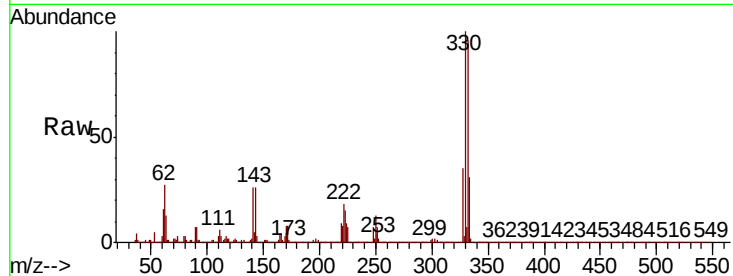




#42
 2,4,6-Tribromophenol
 Concen: 120.143 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002933.D
 Acq: 07 Aug 2020 14:48

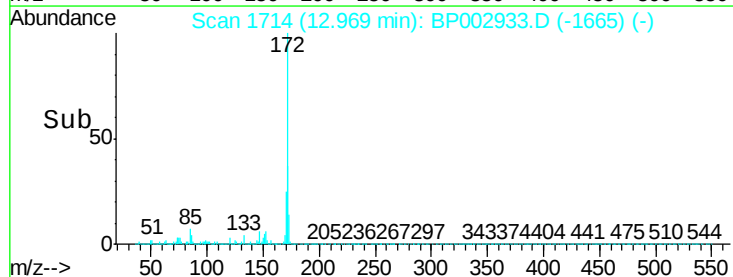
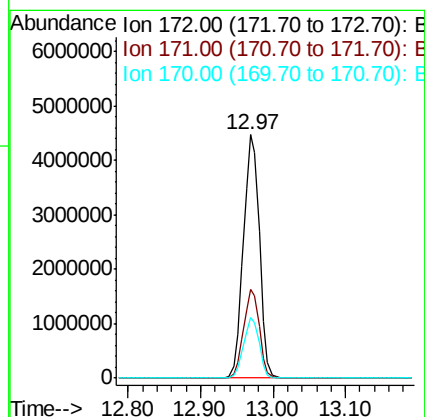
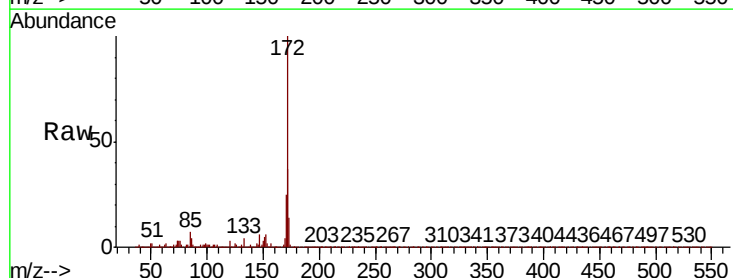
Instrument :
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 PB130730BL

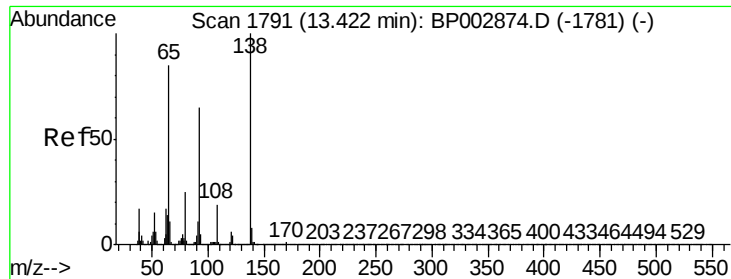
Tot Ion:330 Resp: 1928926
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 27.5 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 72.529 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002933.D
 Acq: 07 Aug 2020 14:48

Tgt Ion:172 Resp: 6857255
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 19.6 29.4





#48

2-Nitroaniline

Concen: 3.973 ng

RT: 13.41 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB130730BL

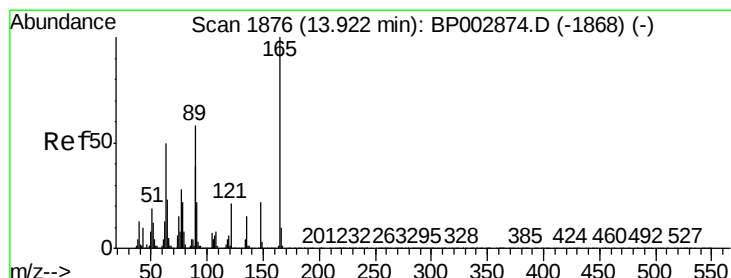
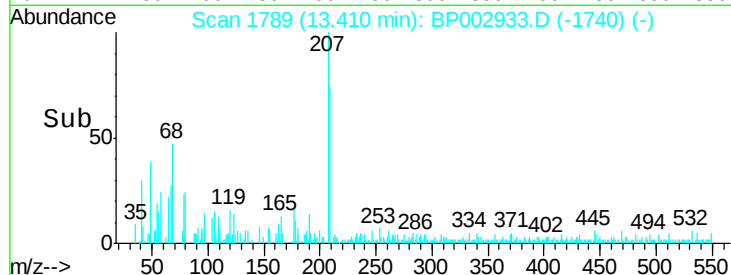
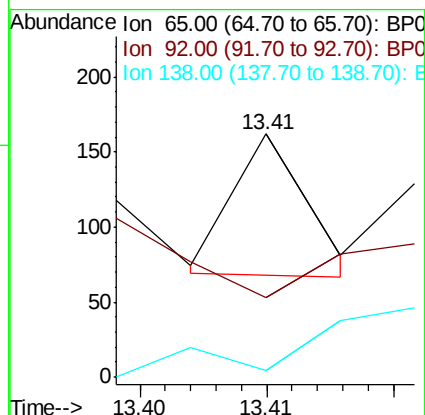
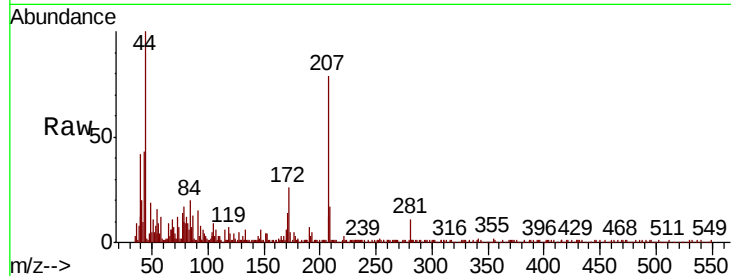
Tot Ion: 65 Resp: 38

Ion Ratio Lower Upper

65 100

92 32.7 61.4 92.0#

138 8.0 94.2 141.4#



#51

2,6-Dinitrotoluene

Concen: 2.905 ng

RT: 13.94 min Scan# 1879

Delta R.T. 0.02 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

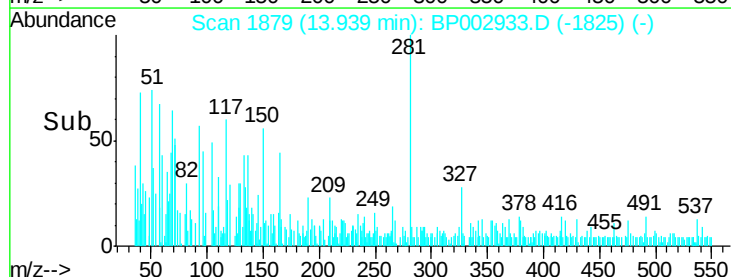
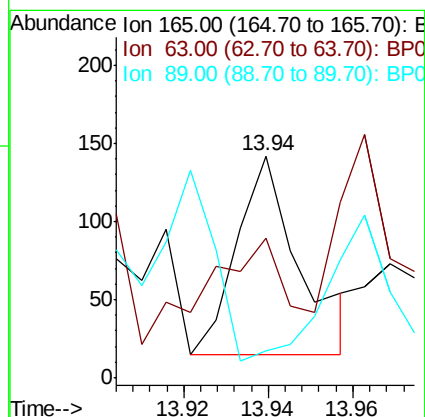
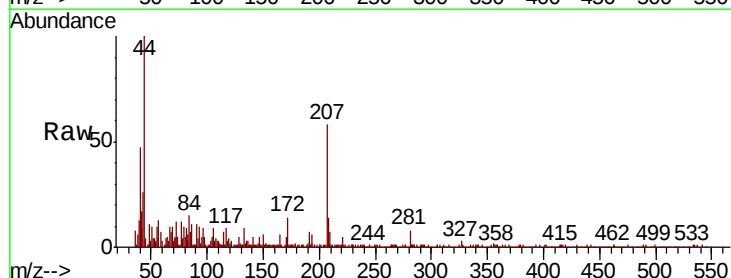
Tgt Ion: 165 Resp: 130

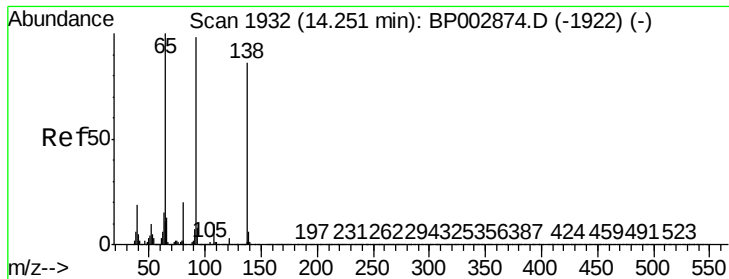
Ion Ratio Lower Upper

165 100

63 80.3 40.3 60.5#

89 12.0 46.5 69.7#

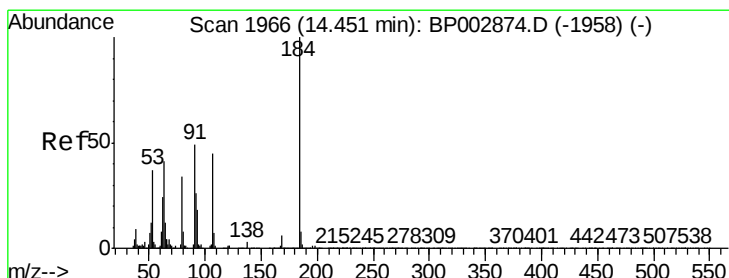
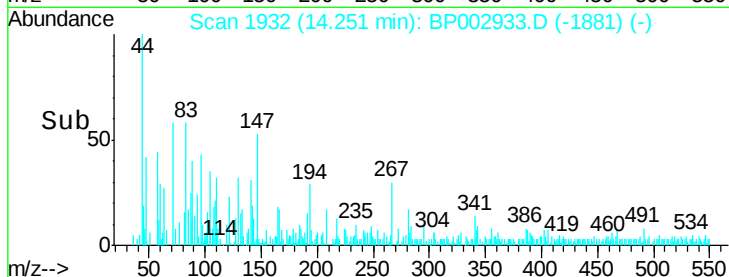
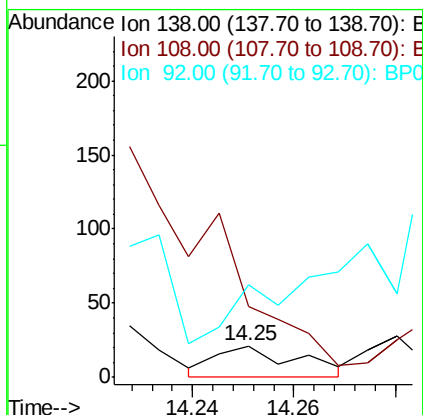
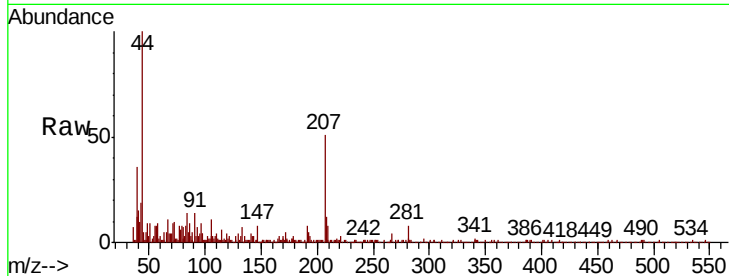




#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

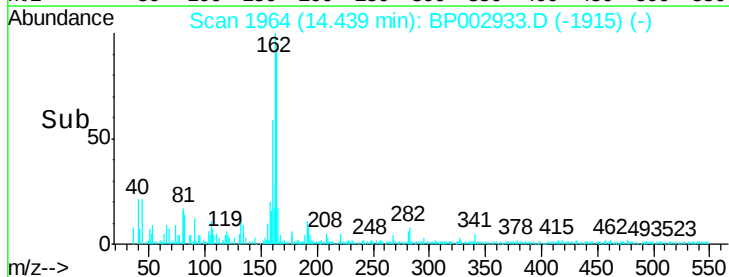
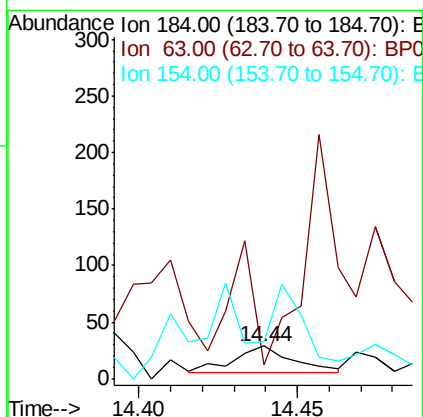
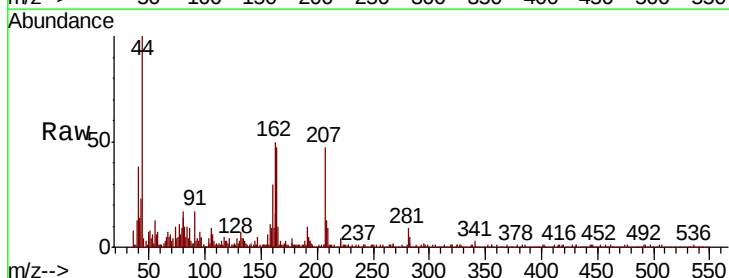
Instrument :
BNA_P
ClientSampleId :
PB130730BL

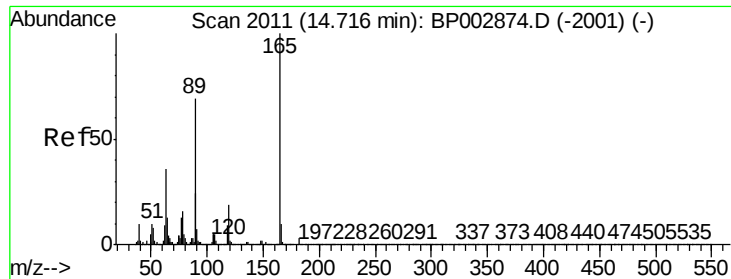
Tot Ion:138 Resp: 24
Ion Ratio Lower Upper
138 100
108 228.6 9.4 14.0#
92 295.2 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 234.5 50.3 75.5#
154 110.3 50.6 76.0#





#57

2,4-Dinitrotoluene

Concen: 3.811 ng

RT: 14.73 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

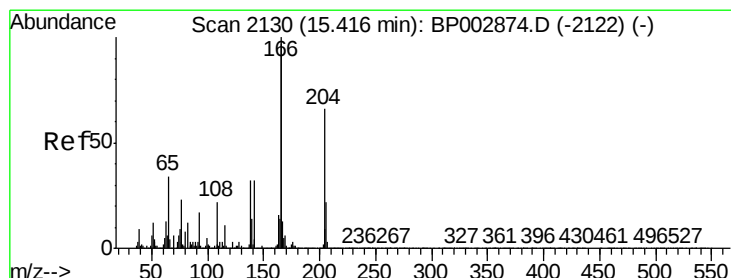
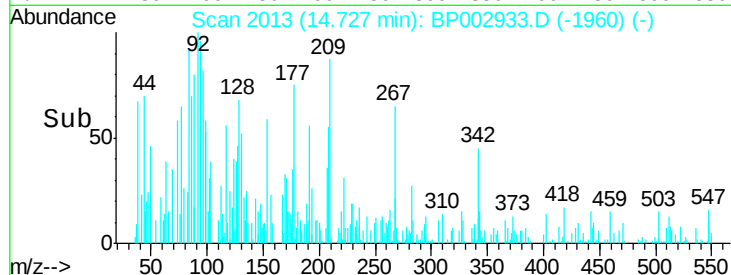
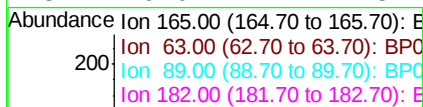
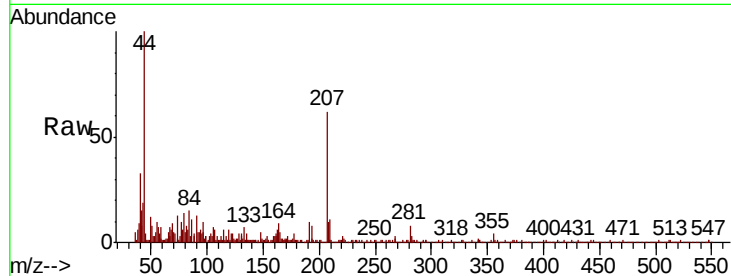
Instrument :

BNA_P

ClientSampleId :

PB130730BL

Tot Ion:165	Resp:	177
Ion Ratio	Lower	Upper
165	100	
63	40.0	29.0 43.4
89	82.5	55.5 83.3
182	0.0	2.2 3.4#



#62

4-Nitroaniline

Concen: 2.417 ng

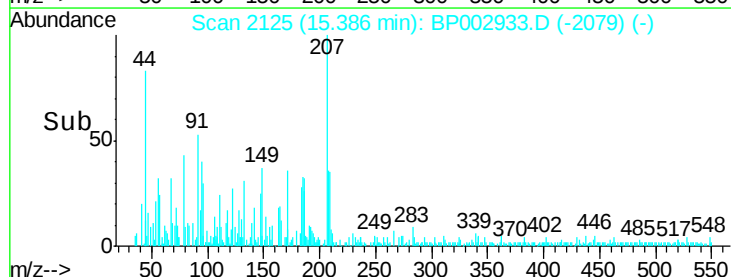
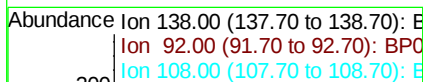
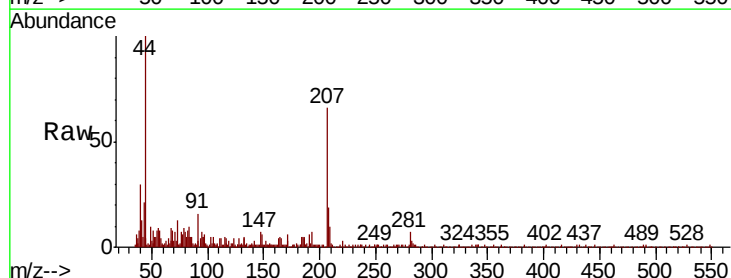
RT: 15.39 min Scan# 2125

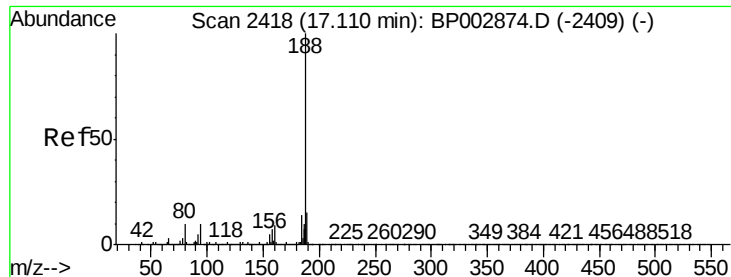
Delta R.T. -0.03 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

Tgt Ion:138	Resp:	26
Ion Ratio	Lower	Upper
138	100	
92	338.5	32.2 72.2#
108	150.0	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: BP002933.D

Acq: 07 Aug 2020 14:48

Instrument :

BNA_P

ClientSampleId :

PB130730BL

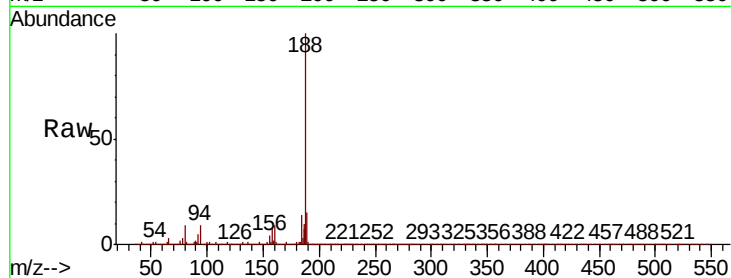
Tot Ion:188 Resp: 2727285

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

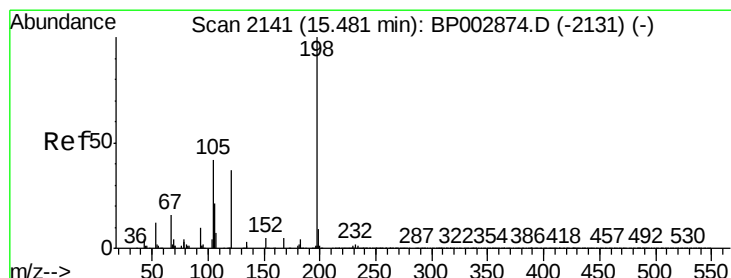
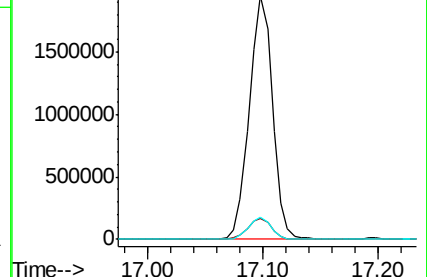
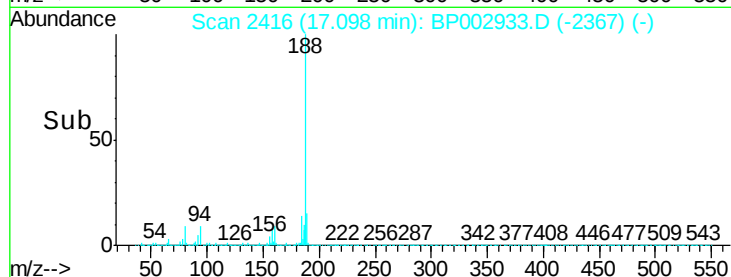
80 9.0 8.0 12.0



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: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BP002933.D

Acq: 07 Aug 2020 14:48

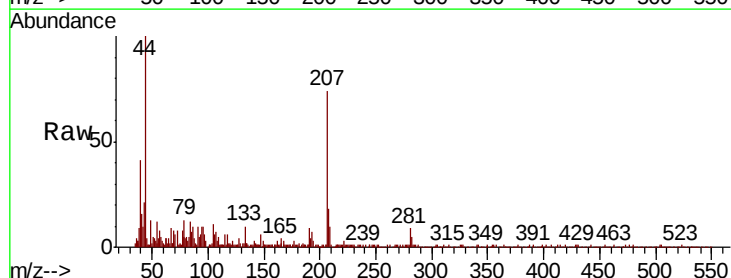
Tgt Ion:198 Resp: 27

Ion Ratio Lower Upper

198 100

51 479.2 11.6 51.6#

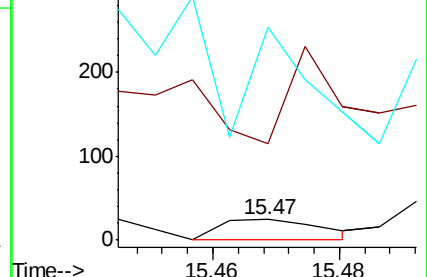
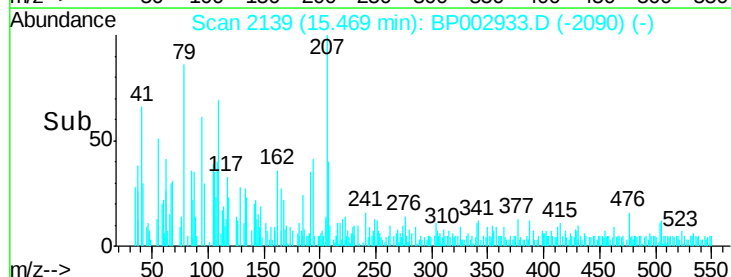
105 1058.3 23.8 63.8#

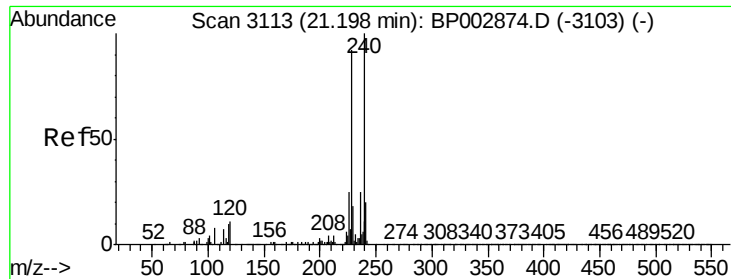


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

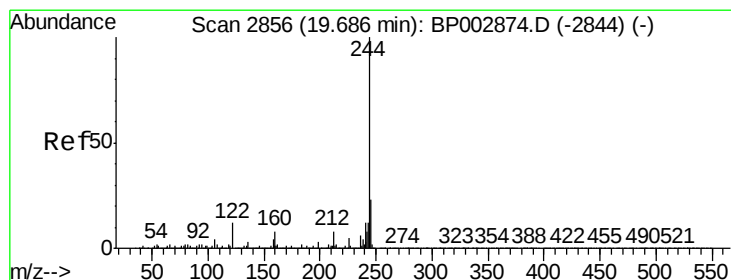
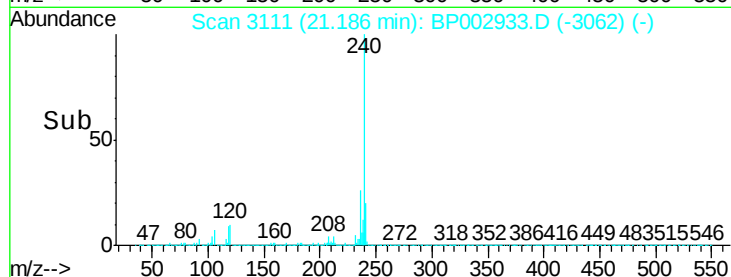
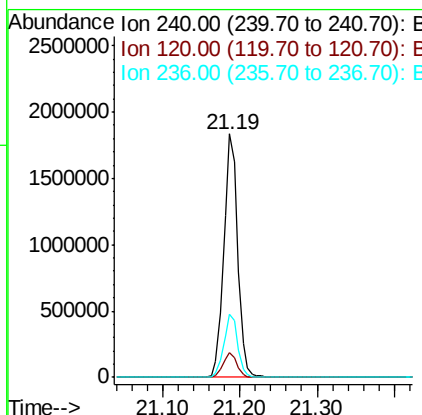
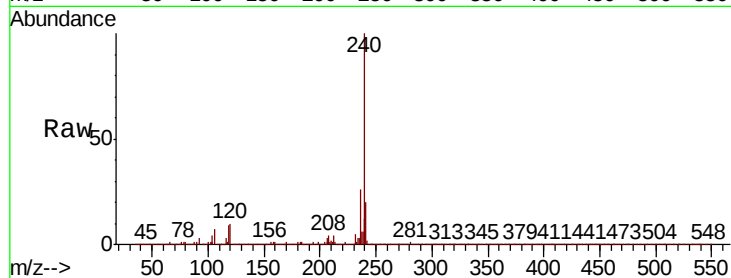




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BP002933.D
 Acq: 07 Aug 2020 14:48

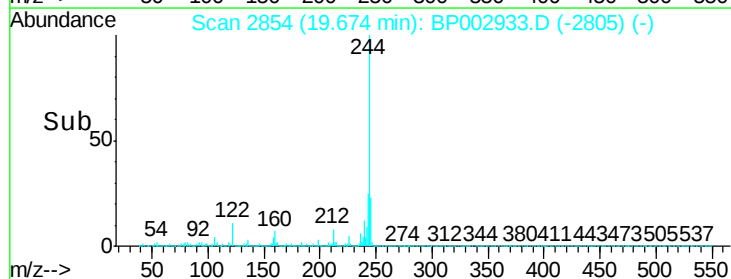
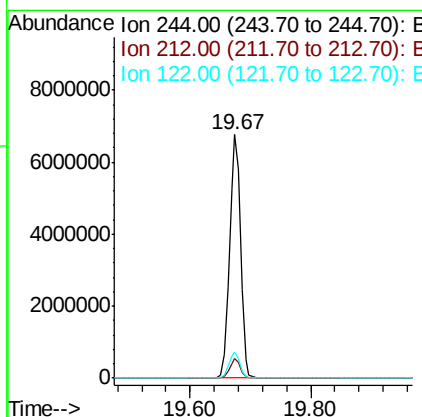
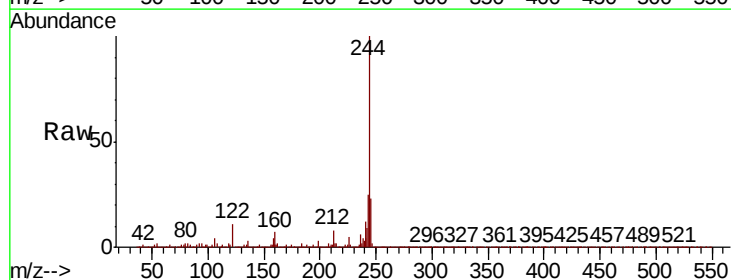
Instrument :
 BNA_P
 ClientSampleId :
 PB130730BL

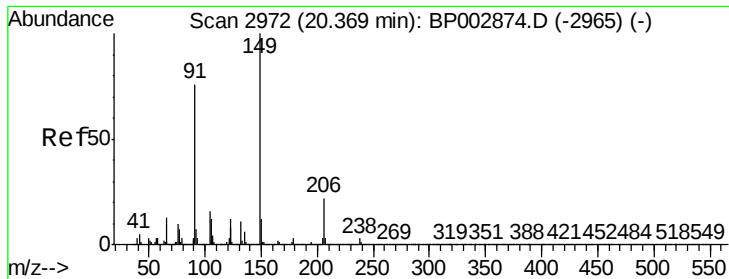
Tot Ion:240 Resp: 2294488
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.9 13.3
 236 26.0 20.3 30.5



#79
 Terphenyl-d14
 Concen: 75.116 ng
 RT: 19.67 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BP002933.D
 Acq: 07 Aug 2020 14:48

Tgt Ion:244 Resp: 8609158
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 10.7 9.4 14.2

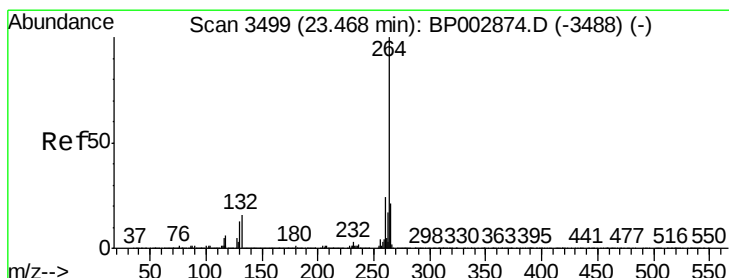
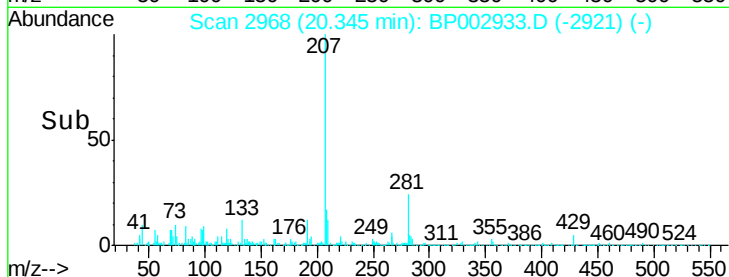
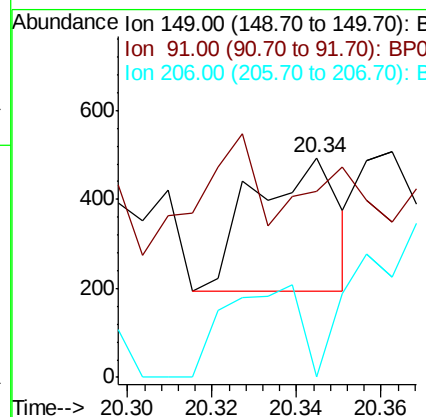
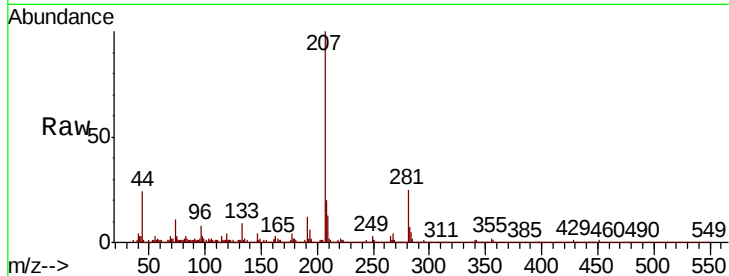




#80
Butylbenzylphthalate
Concen: 3.064 ng
RT: 20.34 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

Instrument :
BNA_P
ClientSampleId :
PB130730BL

Tot Ion:149 Resp: 415
Ion Ratio Lower Upper
149 100
91 84.8 60.5 90.7
206 0.0 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BP002933.D
Acq: 07 Aug 2020 14:48

Tgt Ion:264 Resp: 1946513
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.9 17.0 25.4

