

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002934.D
 Acq On : 07 Aug 2020 15:36
 Operator : CG/JU
 Sample : L3502-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-080520

Quant Time: Aug 07 16:55:51 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

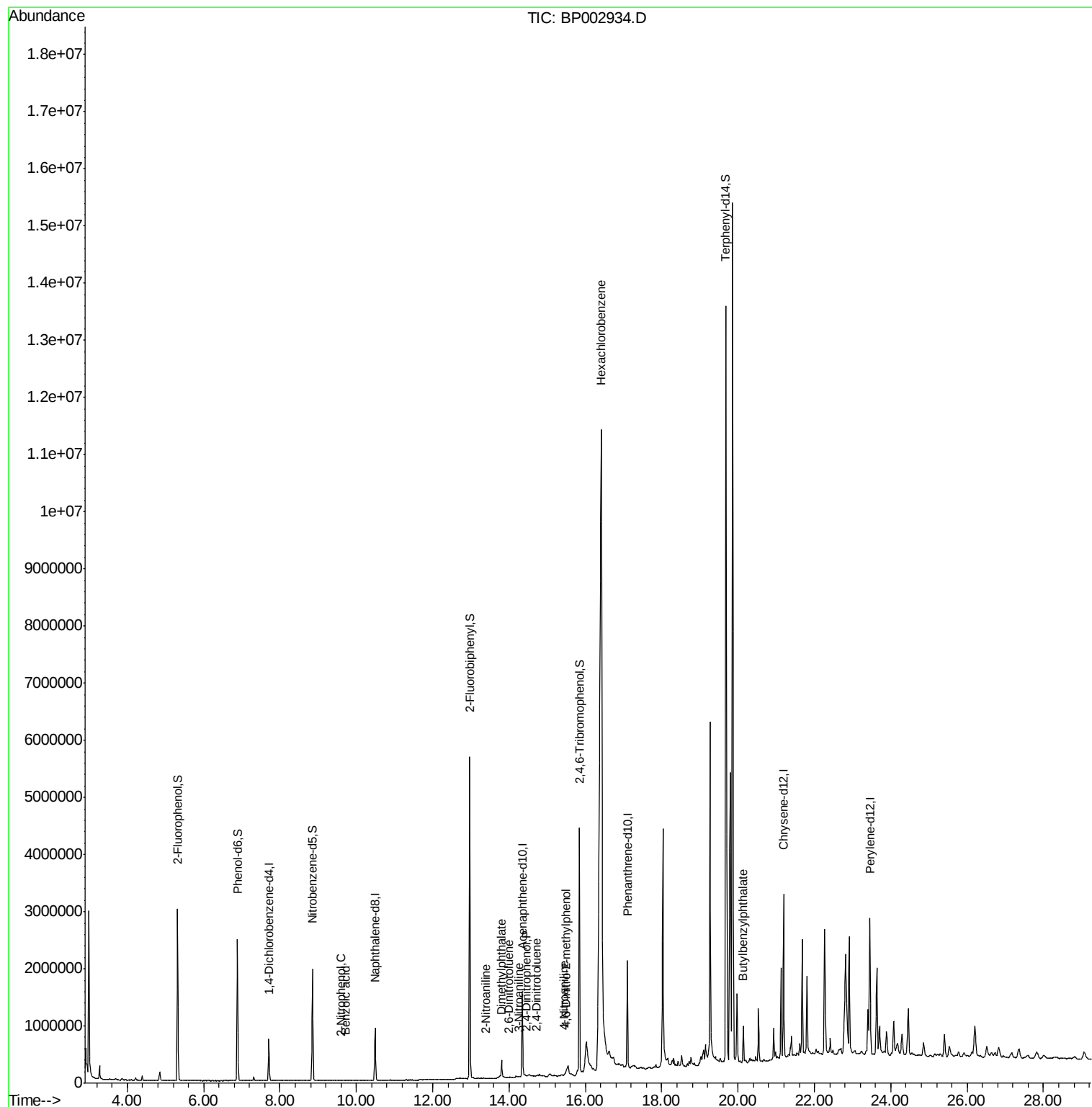
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	211385	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	807482	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	502411	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1113065	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	1389308	20.00	ng	0.00
86) Perylene-d12	23.45	264	1717370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1518418	109.94	ng	0.00
7) Phenol-d6	6.88	99	1699753	88.64	ng	-0.01
23) Nitrobenzene-d5	8.85	82	1190043	79.82	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	919599	147.27	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3053287	83.03	ng	-0.01
79) Terphenyl-d14	19.67	244	5029660	72.48	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.61	139	143	4.540	ng	# 1
32) Benzoic acid	9.73	122	4124	8.148	ng	# 93
48) 2-Nitroaniline	13.39	65	409	4.018	ng	# 54
50) Dimethylphthalate	13.80	163	198448	5.050	ng	# 99
51) 2,6-Dinitrotoluene	13.99	165	192	2.920	ng	# 91
53) 3-Nitroaniline	14.26	138	396	3.313	ng	# 36
54) 2,4-Dinitrophenol	14.45	184	130	8.089	ng	# 84
57) 2,4-Dinitrotoluene	14.72	165	430	3.840	ng	# 91
62) 4-Nitroaniline	15.45	138	277	2.445	ng	# 85
65) 4,6-Dinitro-2-methylphenol	15.47	198	100	6.915	ng	# 1
68) Hexachlorobenzene	16.42	284	880482	56.215	ng	# 45
80) Butylbenzylphthalate	20.13	149	315189	10.538	ng	# 22

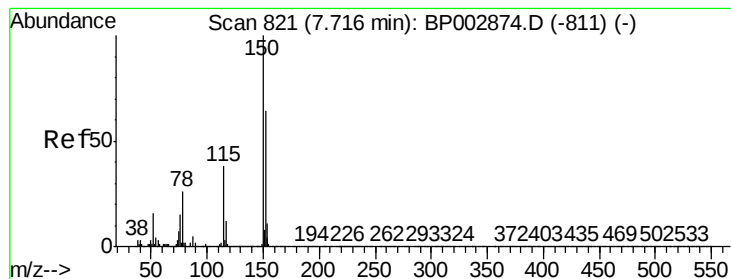
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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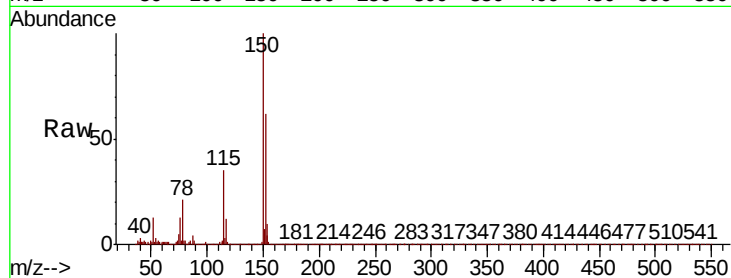


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Instrument :
BNA_P
ClientSampleId :
OK-03-080520

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.8	187.2
115	57.0	47.4	71.2

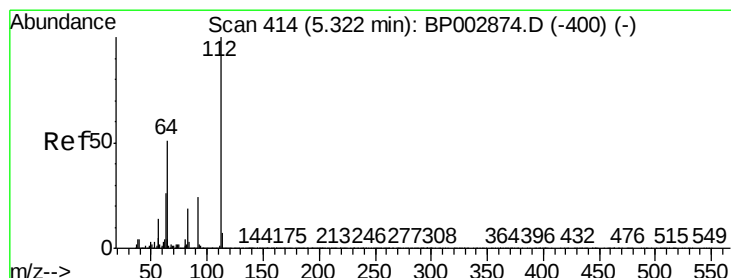
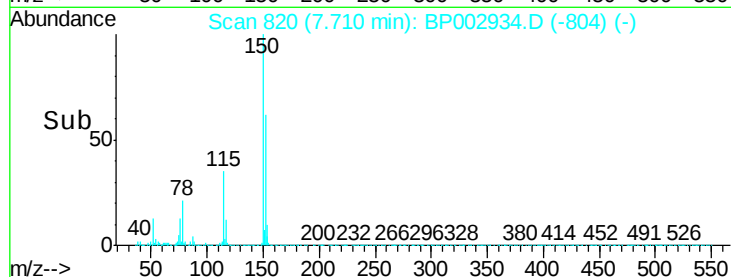
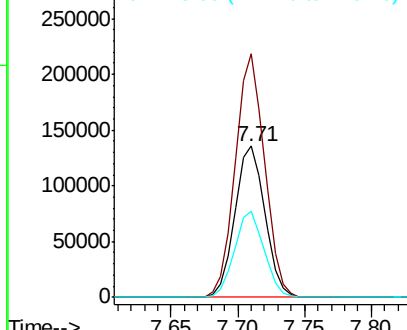


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

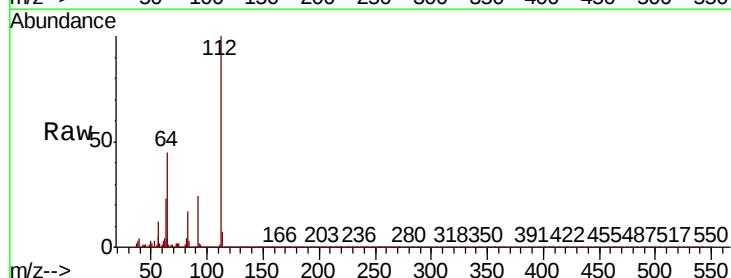
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.938 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.1	41.0	61.6
63	23.0	20.7	31.1

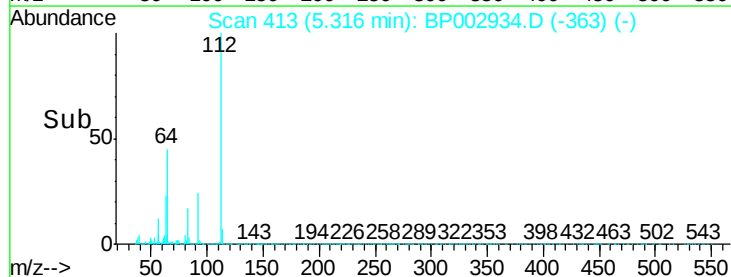
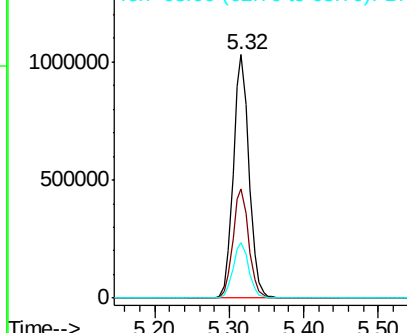


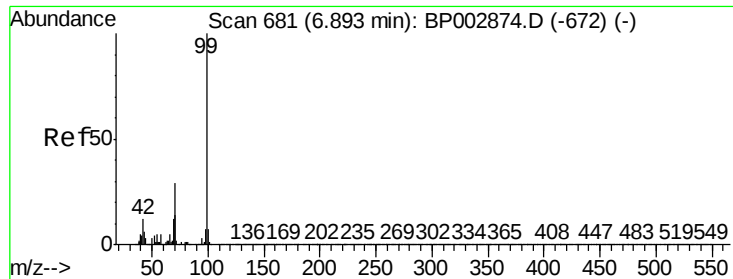
Abundance

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: 88.642 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

Instrument :

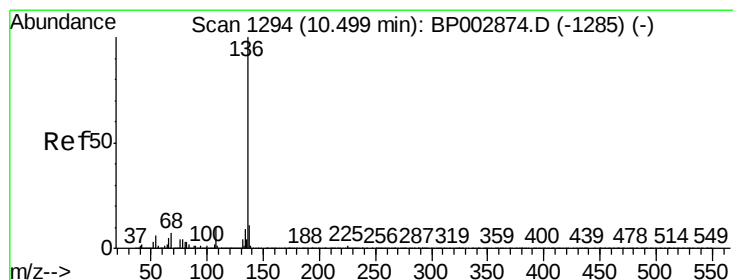
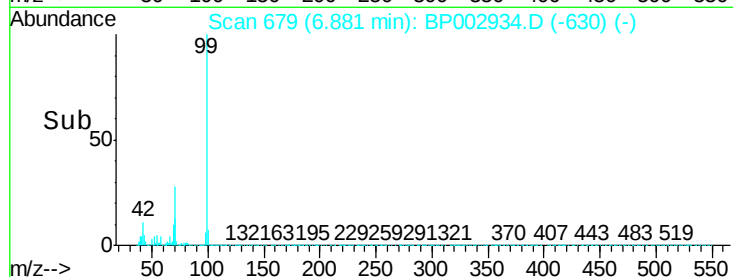
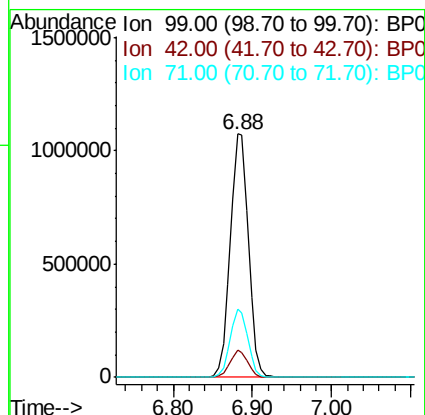
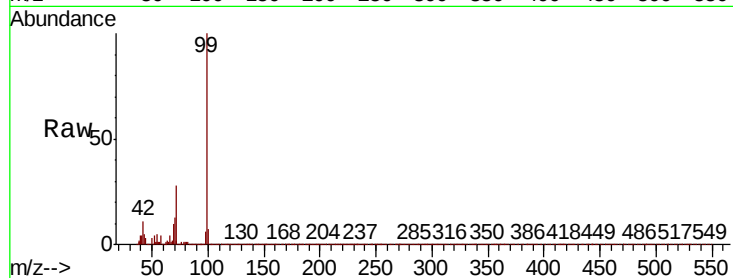
BNA_P

ClientSampleId :

OK-03-080520

Tot Ion: 99 Resp: 1699753

Ion	Ratio	Lower	Upper
99	100		
42	11.0	9.3	13.9
71	27.8	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

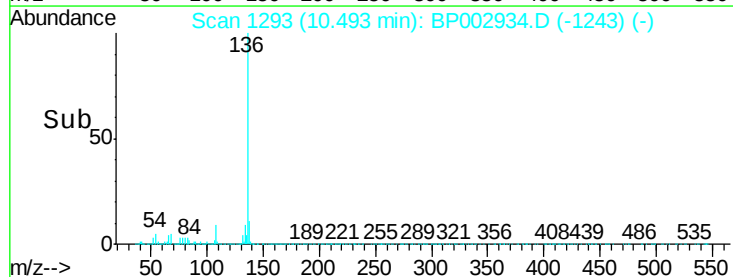
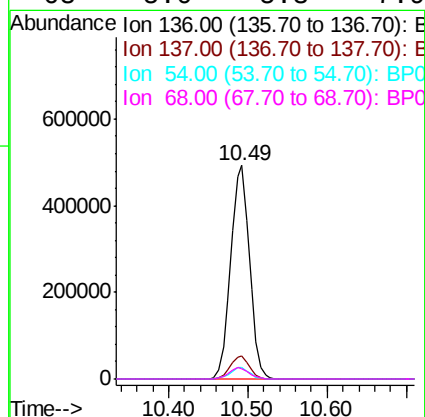
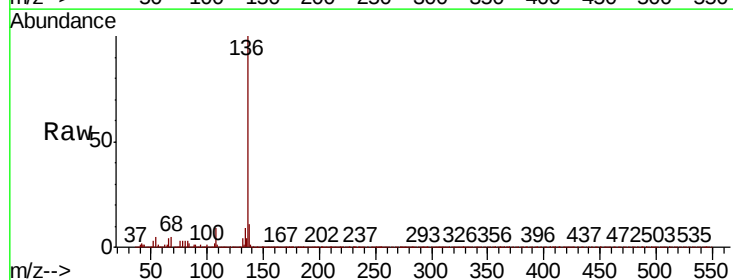
Delta R.T. -0.01 min

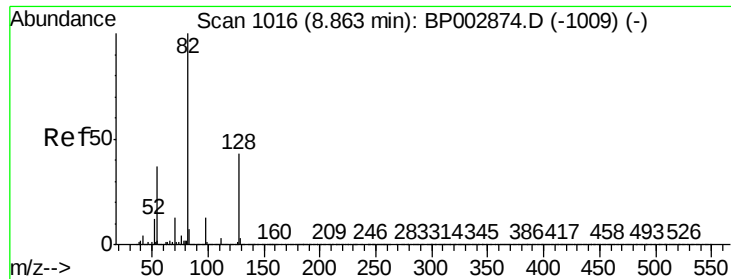
Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

Tgt Ion: 136 Resp: 807482

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.1	5.1	7.7
68	5.0	5.3	7.9#

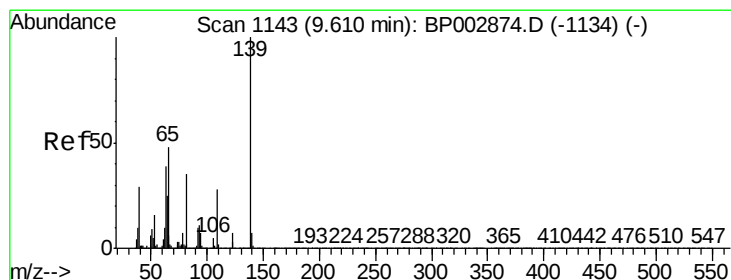
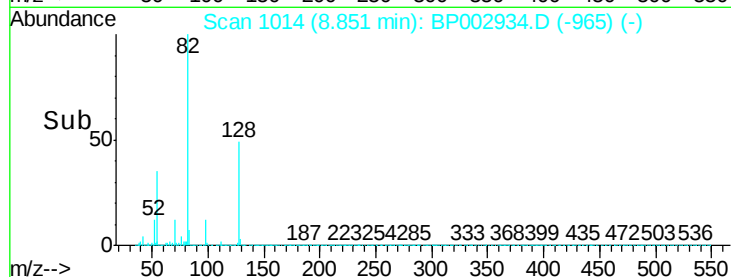
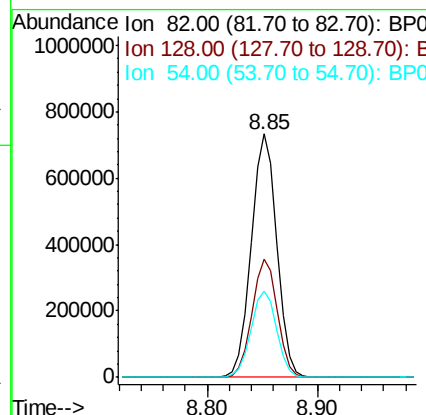
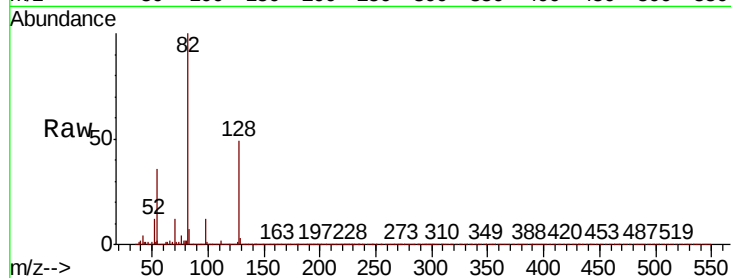




#23
 Nitrobenzene-d5
 Concen: 79.823 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BP002934.D
 Acq: 07 Aug 2020 15:36

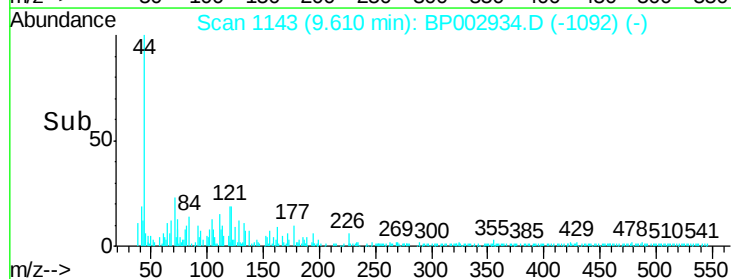
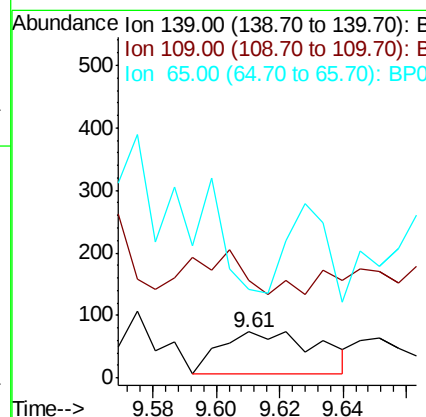
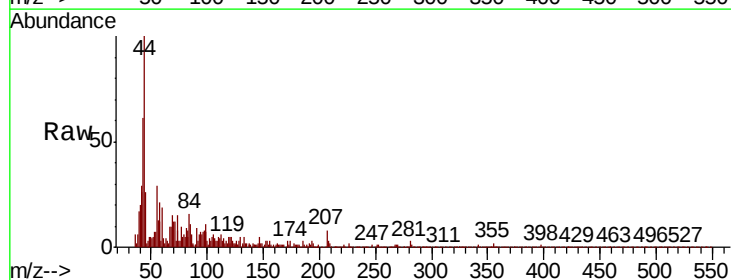
Instrument :
 BNA_P
 ClientSampleId :
 OK-03-080520

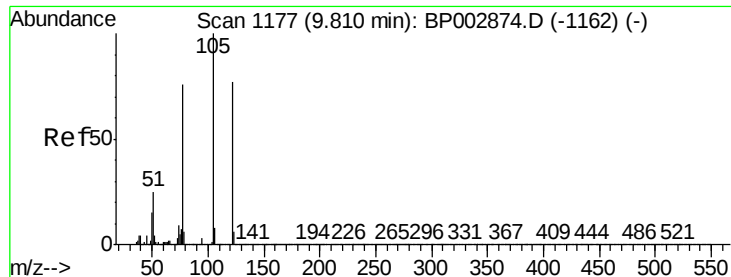
Tot Ion: 82 Resp: 1190043
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.6 52.0
 54 35.5 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.540 ng
 RT: 9.61 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BP002934.D
 Acq: 07 Aug 2020 15:36

Tgt Ion: 139 Resp: 143
 Ion Ratio Lower Upper
 139 100
 109 212.2 22.2 33.2#
 65 190.5 38.9 58.3#

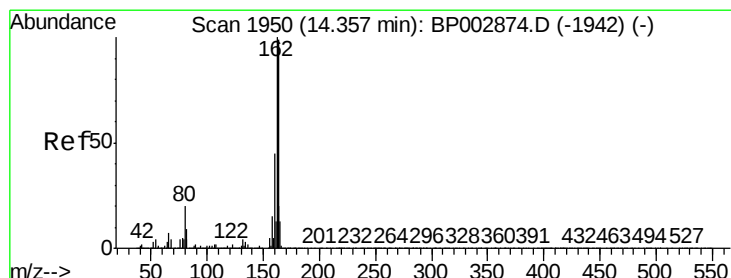
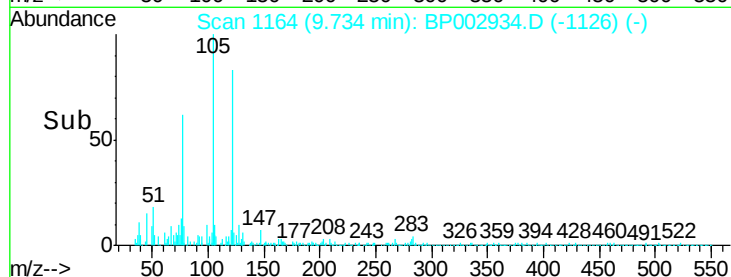
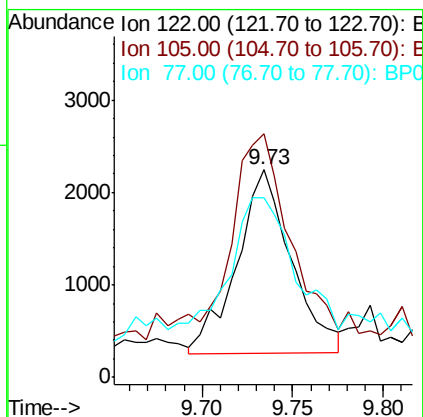
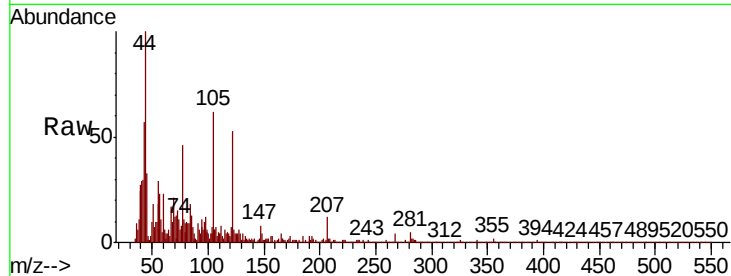




#32
Benzoic acid
Concen: 8.148 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

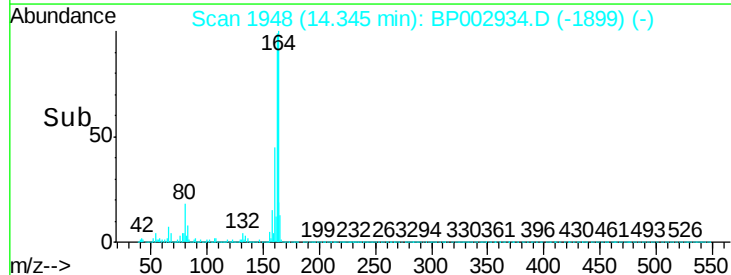
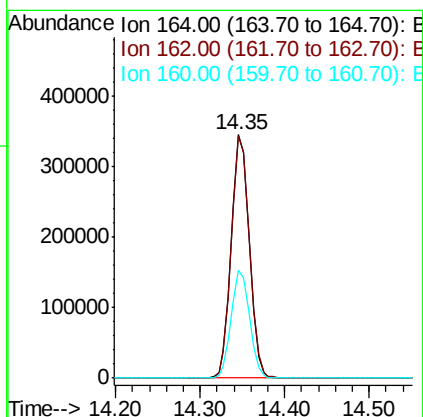
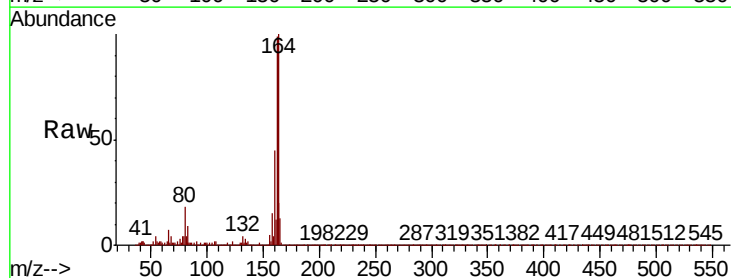
Instrument :
BNA_P
ClientSampleId :
OK-03-080520

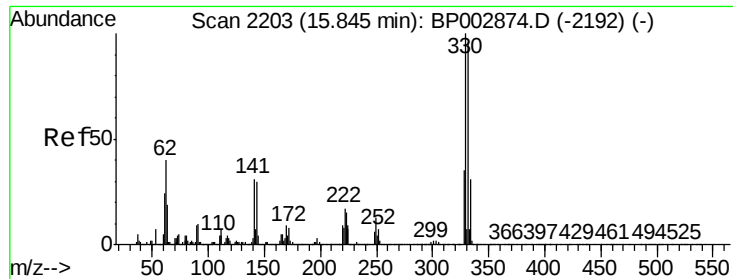
Tot Ion:122 Resp: 4124
Ion Ratio Lower Upper
122 100
105 117.3 103.4 143.4
77 86.8 74.6 114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion:164 Resp: 502411
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.5 36.2 54.4

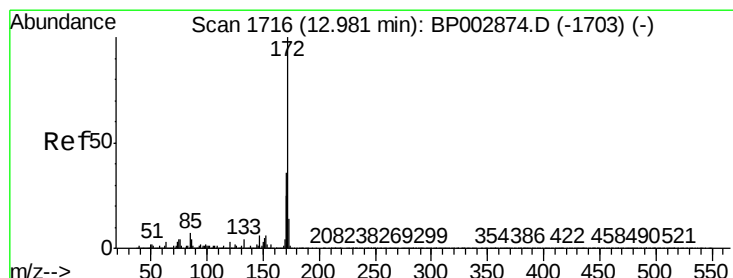
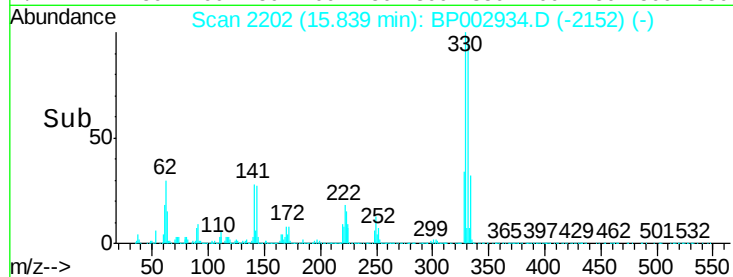
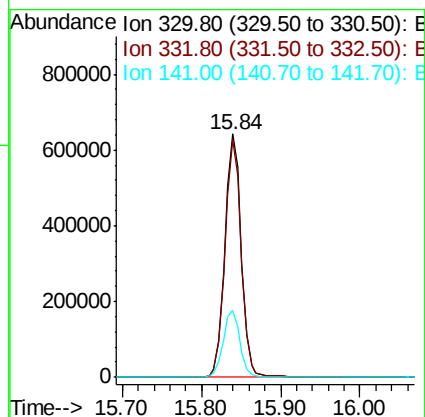
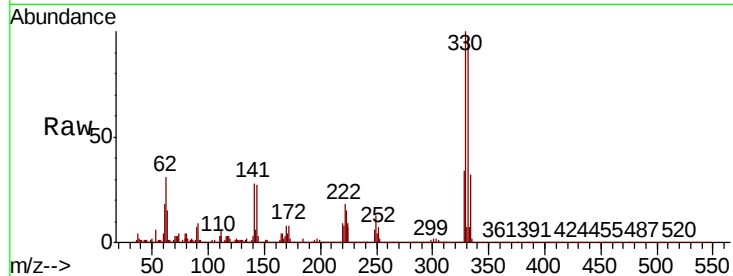




#42
 2,4,6-Tribromophenol
 Concen: 147.268 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002934.D
 Acq: 07 Aug 2020 15:36

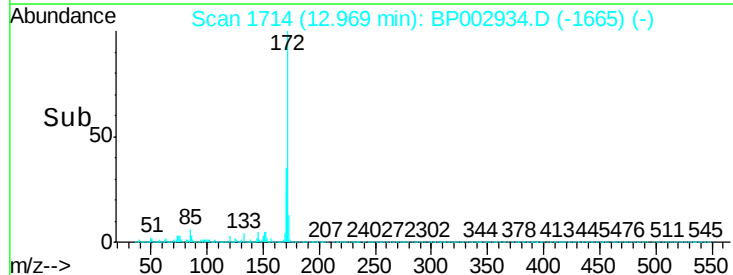
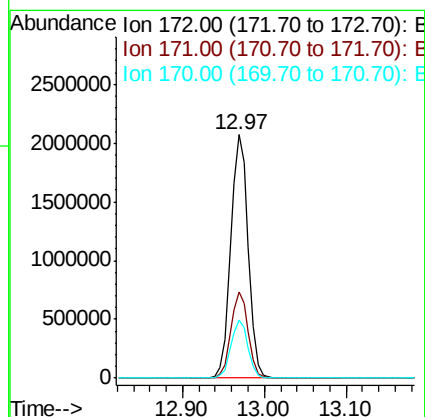
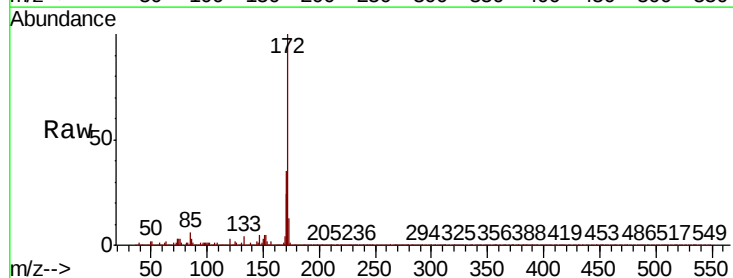
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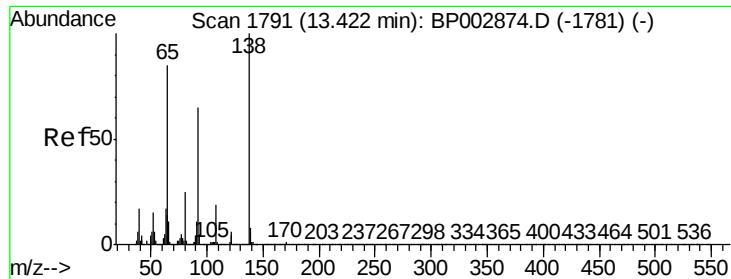
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.0	24.6	37.0



#45
 2-Fluorobiphenyl
 Concen: 83.034 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002934.D
 Acq: 07 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	24.0	19.6	29.4





#48

2-Nitroaniline

Concen: 4.018 ng

RT: 13.39 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

Instrument :

BNA_P

ClientSampleId :

OK-03-080520

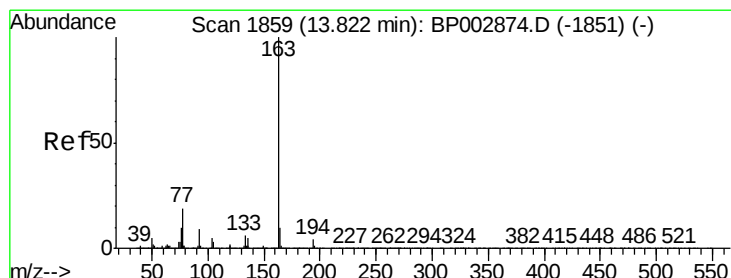
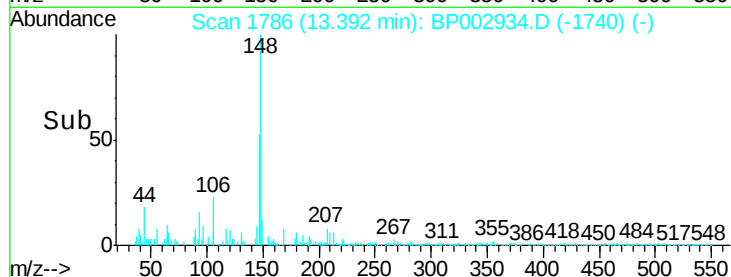
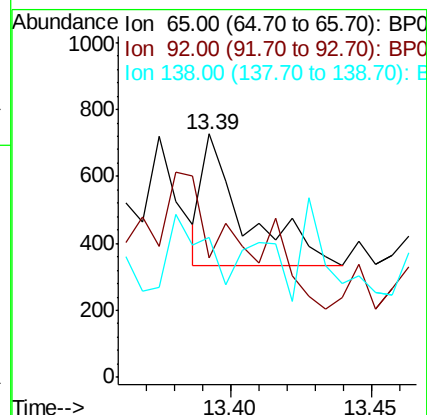
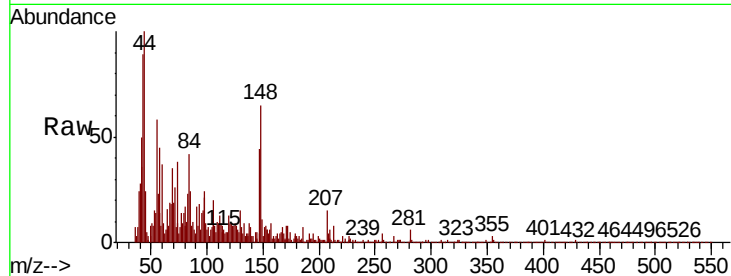
Tot Ion: 65 Resp: 409

Ion Ratio Lower Upper

65 100

92 48.8 61.4 92.0#

138 57.6 94.2 141.4#



#50

Dimethylphthalate

Concen: 5.050 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

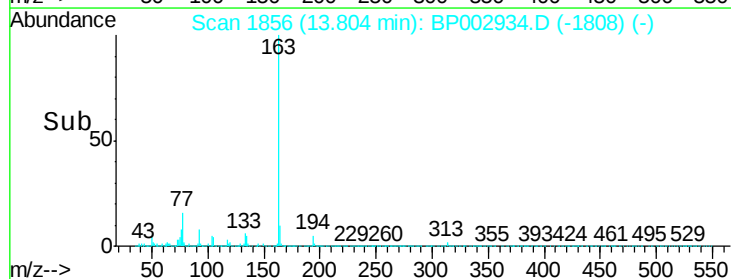
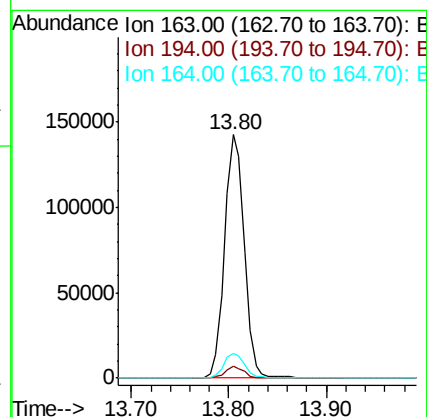
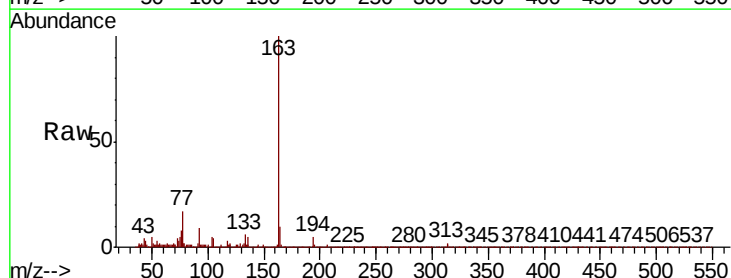
Tgt Ion: 163 Resp: 198448

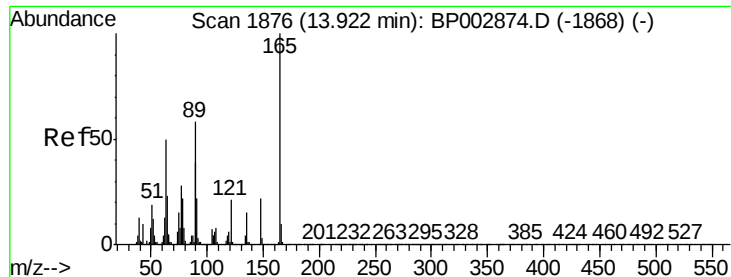
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.3 8.2 12.2

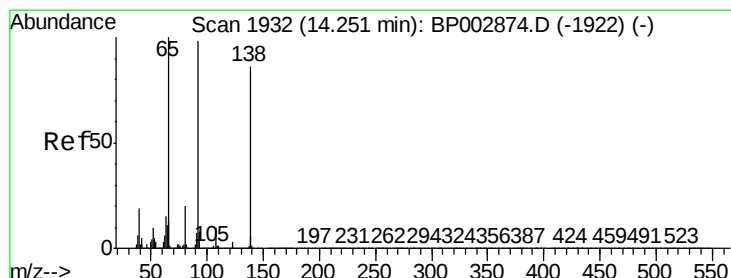
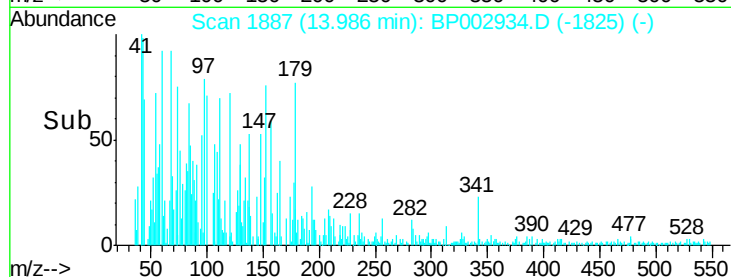
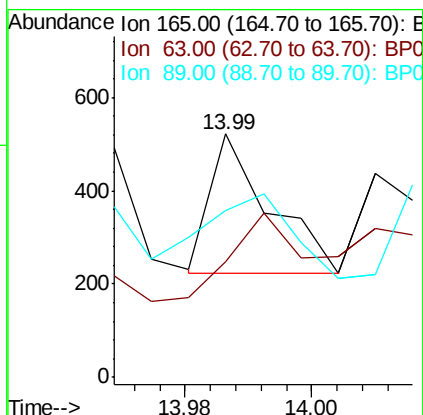
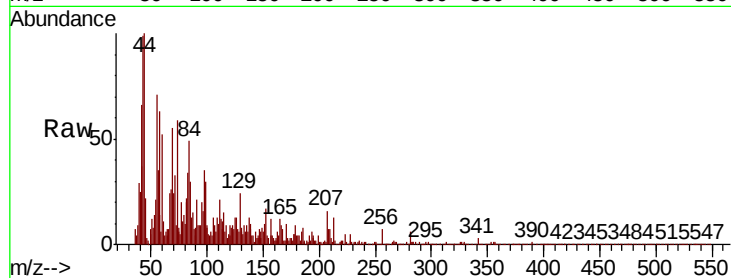




#51
2,6-Dinitrotoluene
Concen: 2.920 ng
RT: 13.99 min Scan# 1887
Delta R.T. 0.07 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

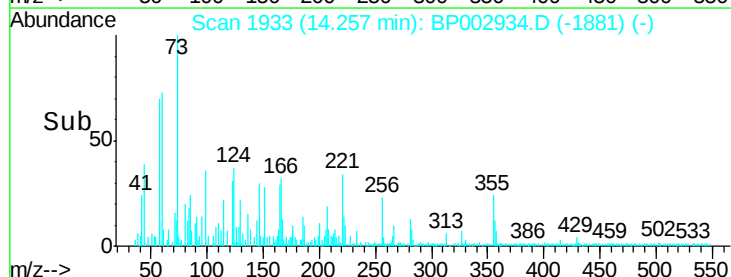
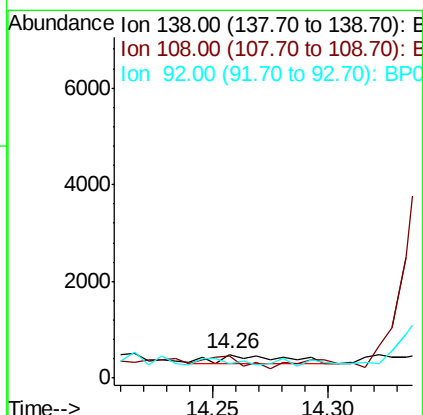
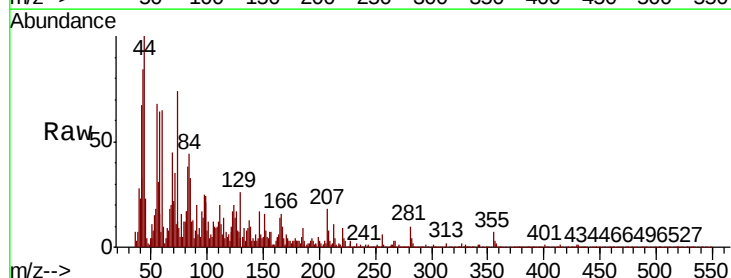
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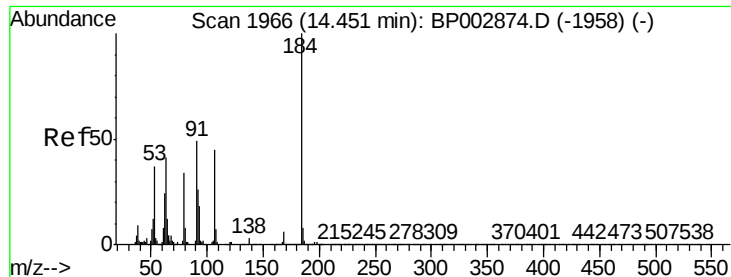
Tot Ion:165 Resp: 192
Ion Ratio Lower Upper
165 100
63 47.5 40.3 60.5
89 68.4 46.5 69.7



#53
3-Nitroaniline
Concen: 3.313 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion:138 Resp: 396
Ion Ratio Lower Upper
138 100
108 96.3 9.4 14.0#
92 62.4 91.0 136.6#

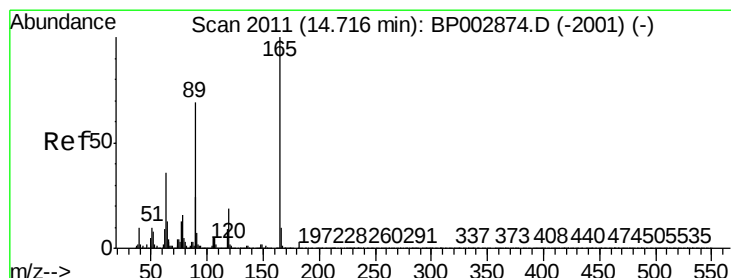
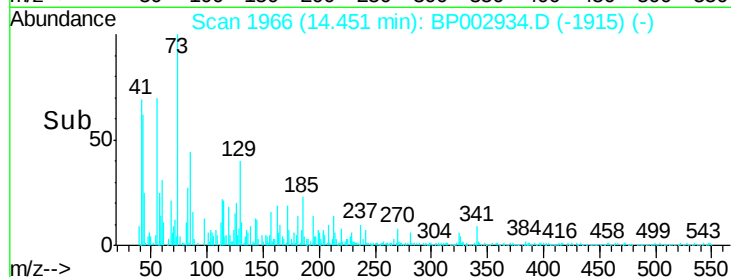
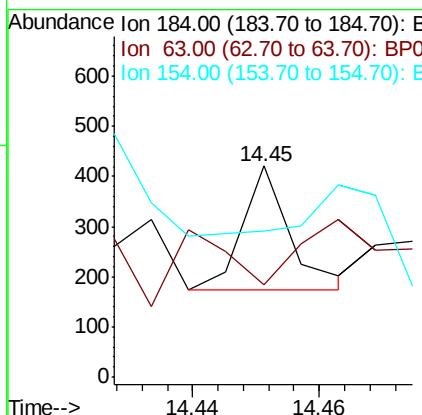
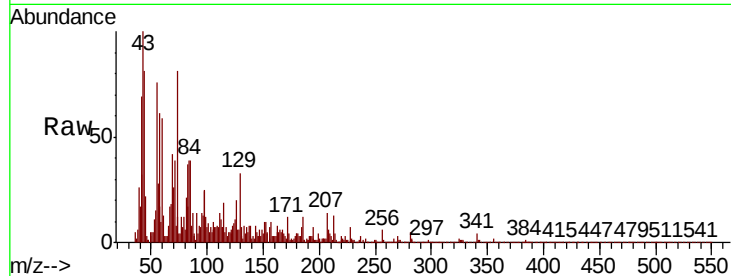




#54
2,4-Dinitrophenol
Concen: 8.089 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

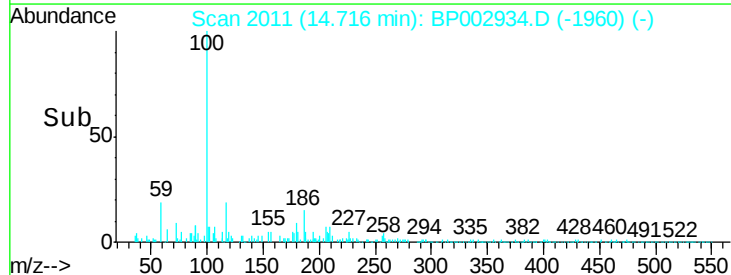
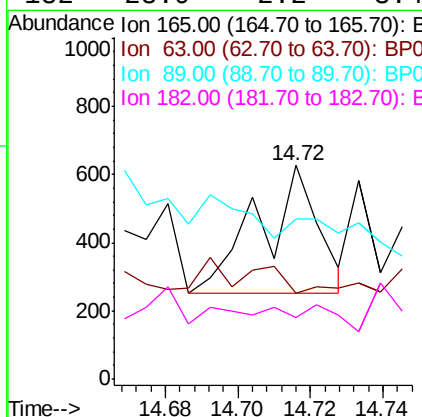
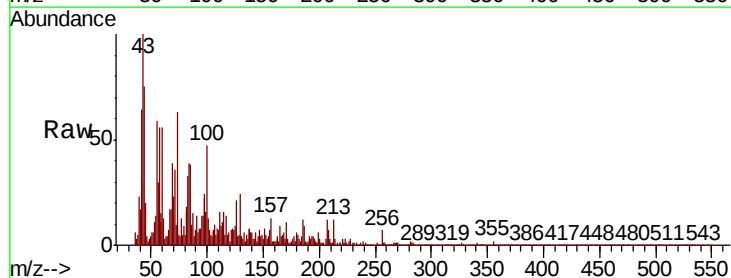
Instrument :
BNA_P
ClientSampleId :
OK-03-080520

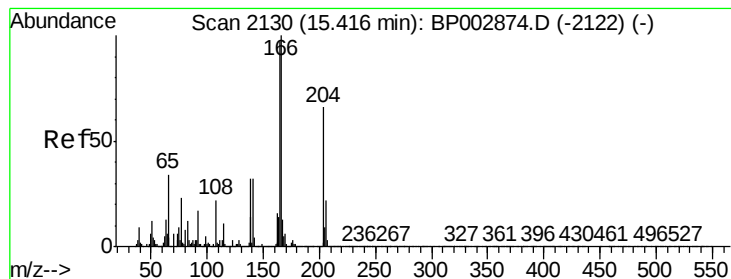
Tot Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 43.9 50.3 75.5#
154 69.4 50.6 76.0



#57
2,4-Dinitrotoluene
Concen: 3.840 ng
RT: 14.72 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion:165 Resp: 430
Ion Ratio Lower Upper
165 100
63 40.2 29.0 43.4
89 75.0 55.5 83.3
182 28.9 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.445 ng

RT: 15.45 min Scan# 2135

Delta R.T. 0.03 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

Instrument :

BNA_P

ClientSampleId :

OK-03-080520

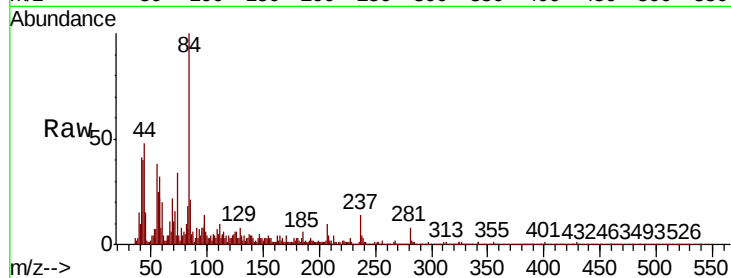
Tot Ion:138 Resp: 277

Ion Ratio Lower Upper

138 100

92 62.2 32.2 72.2

108 83.1 50.0 90.0



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

800

600

400

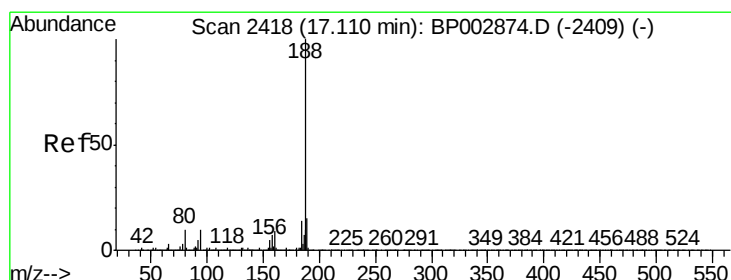
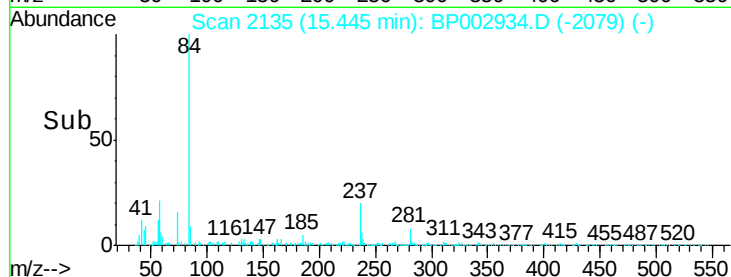
200

0

15.40 15.42 15.44 15.46

15.45

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

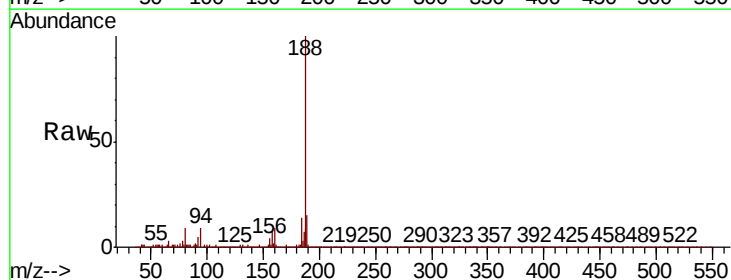
Tgt Ion:188 Resp: 1113065

Ion Ratio Lower Upper

188 100

94 9.0 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

1000000

800000

600000

400000

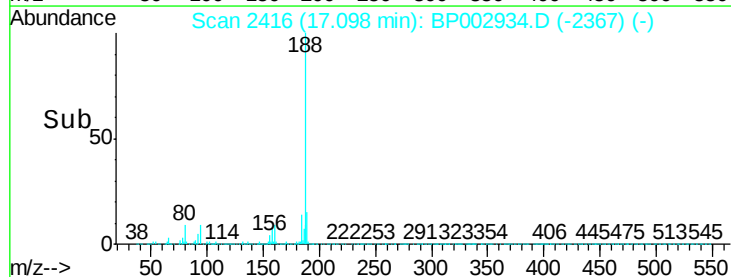
200000

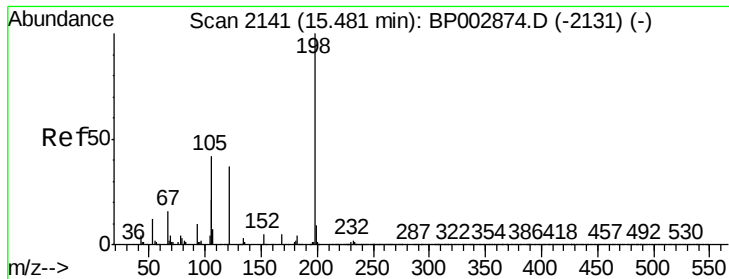
0

17.00 17.10 17.20

17.10

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 6.915 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

Instrument :

BNA_P

ClientSampleId :

OK-03-080520

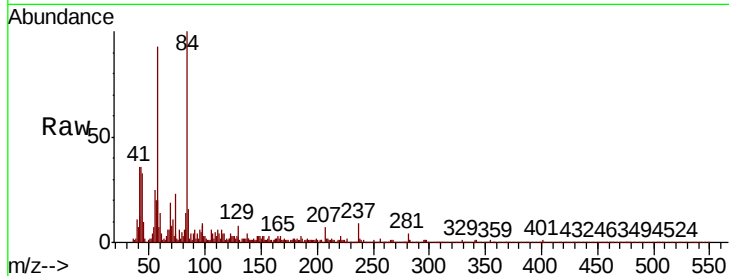
Tot Ion:198 Resp: 100

Ion Ratio Lower Upper

198 100

51 432.1 11.6 51.6#

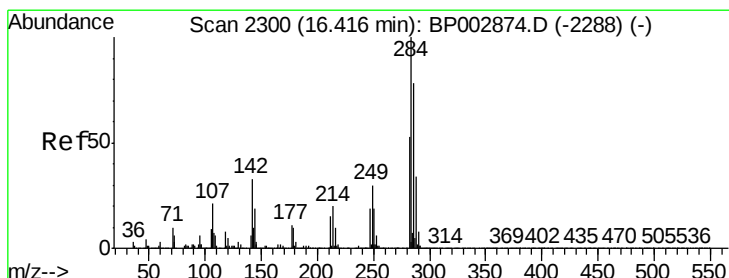
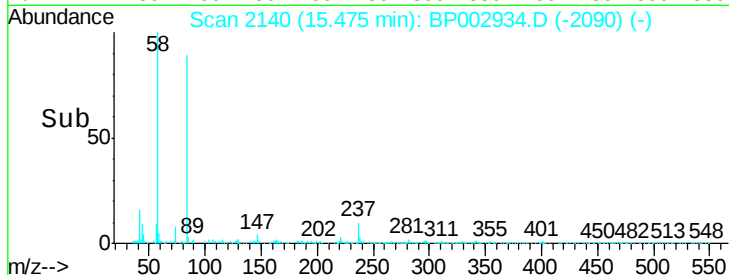
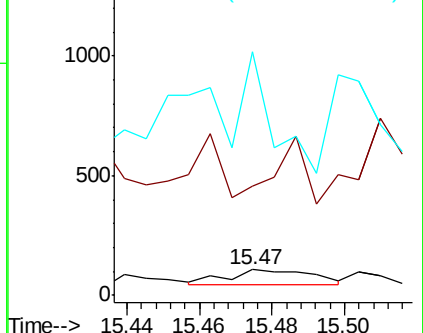
105 960.4 23.8 63.8#



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



#68

Hexachlorobenzene

Concen: 56.215 ng

RT: 16.42 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BP002934.D

Acq: 07 Aug 2020 15:36

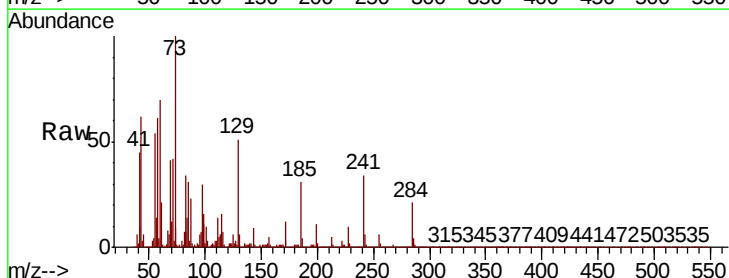
Tgt Ion:284 Resp: 880482

Ion Ratio Lower Upper

284 100

142 1.9 26.1 39.1#

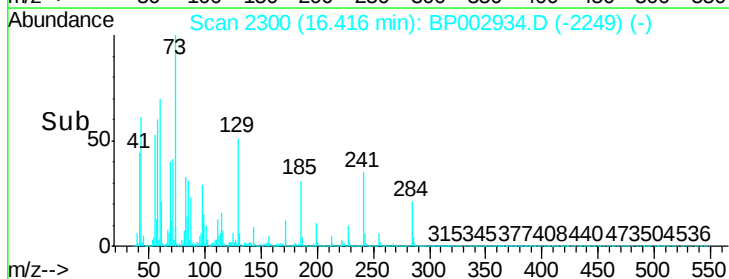
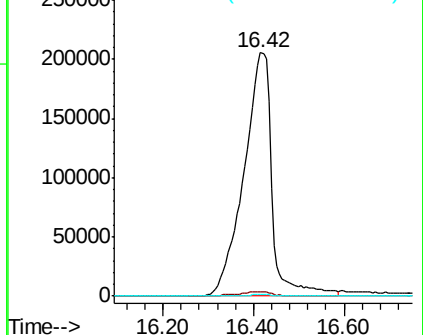
249 0.7 24.2 36.2#

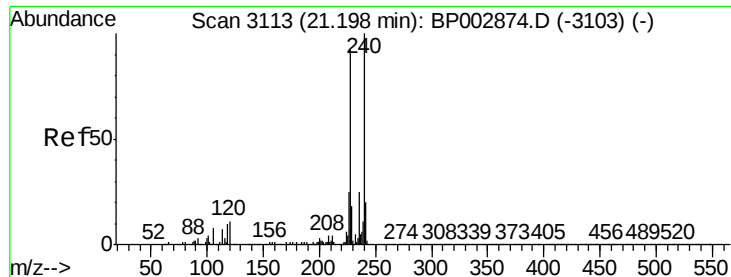


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

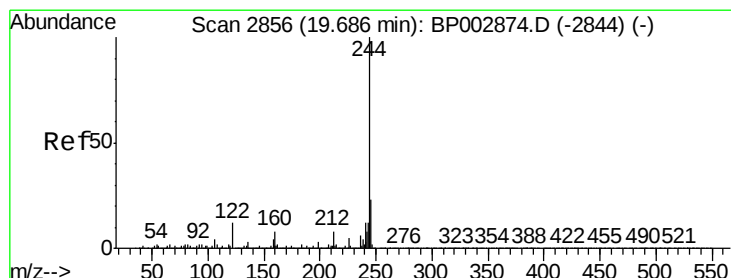
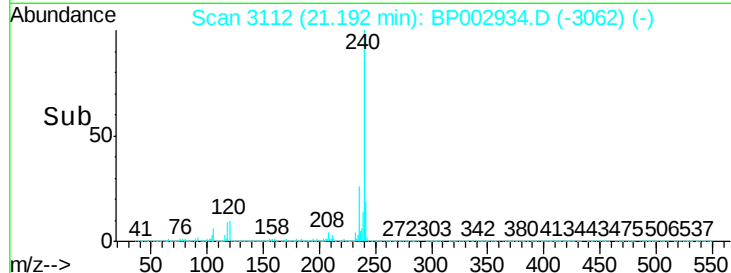
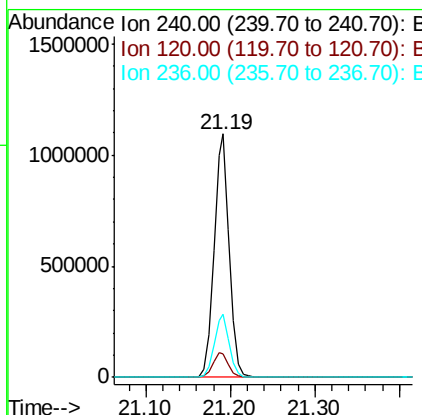
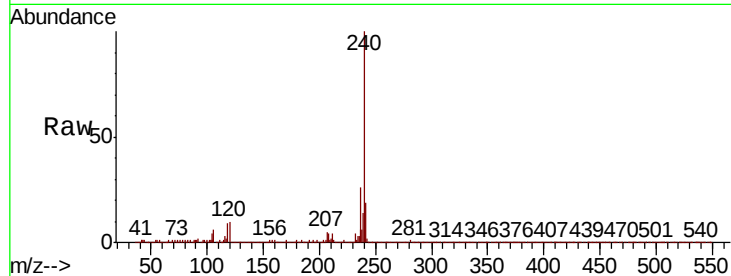




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

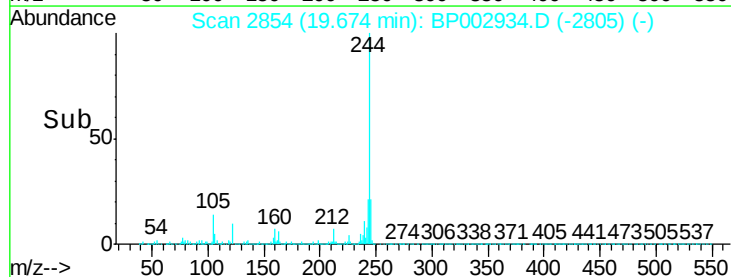
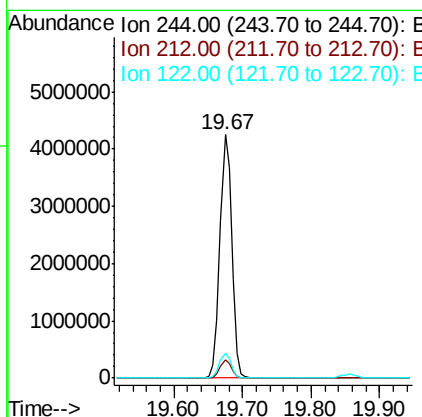
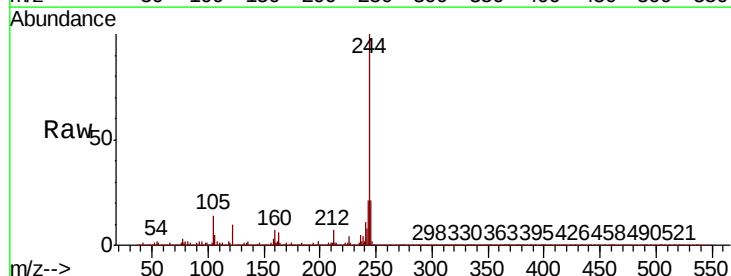
Instrument :
BNA_P
ClientSampleId :
OK-03-080520

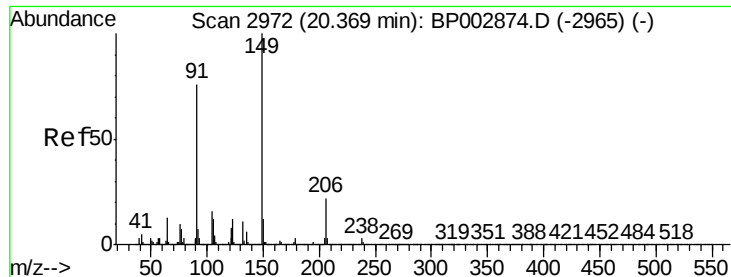
Tot Ion:240 Resp: 1389308
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 72.476 ng
RT: 19.67 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion:244 Resp: 5029660
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 10.4 9.4 14.2

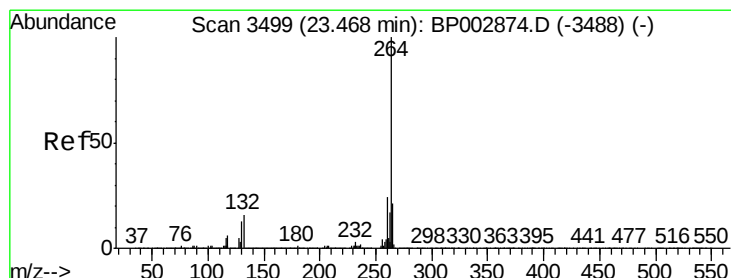
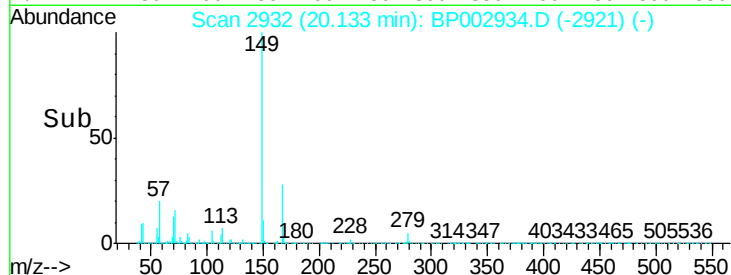
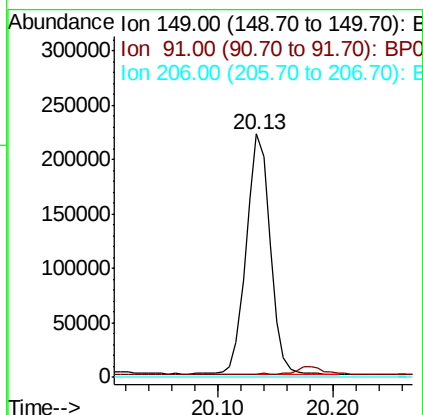
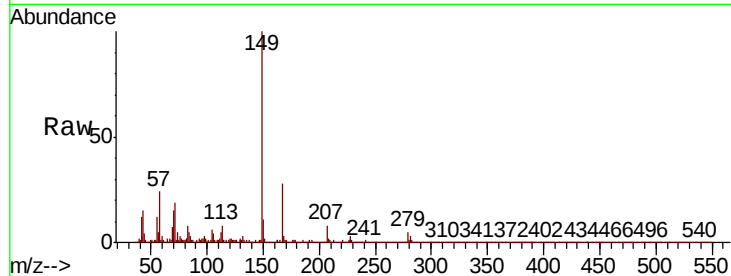




#80
Butylbenzylphthalate
Concen: 10.538 ng
RT: 20.13 min Scan# 2932
Delta R.T. -0.23 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Instrument :
BNA_P
ClientSampleId :
OK-03-080520

Tot Ion:149 Resp: 315189
Ion Ratio Lower Upper
149 100
91 1.4 60.5 90.7#
206 0.1 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002934.D
Acq: 07 Aug 2020 15:36

Tgt Ion:264 Resp: 1717370
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.7 17.0 25.4

