

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003067.D
 Acq On : 20 Aug 2020 16:14
 Operator : CG/JU
 Sample : L3499-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820

Quant Time: Aug 20 17:38:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	166556	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	656384	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	385243	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	816722	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1093032	20.00	ng	0.00
86) Perylene-d12	23.42	264	1339362	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1160294	106.62	ng	0.00
7) Phenol-d6	6.86	99	1275996	84.45	ng	-0.01
23) Nitrobenzene-d5	8.82	82	844601	69.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	668587	139.63	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2343953	83.13	ng	-0.01
79) Terphenyl-d14	19.65	244	3293933	60.33	ng	0.00

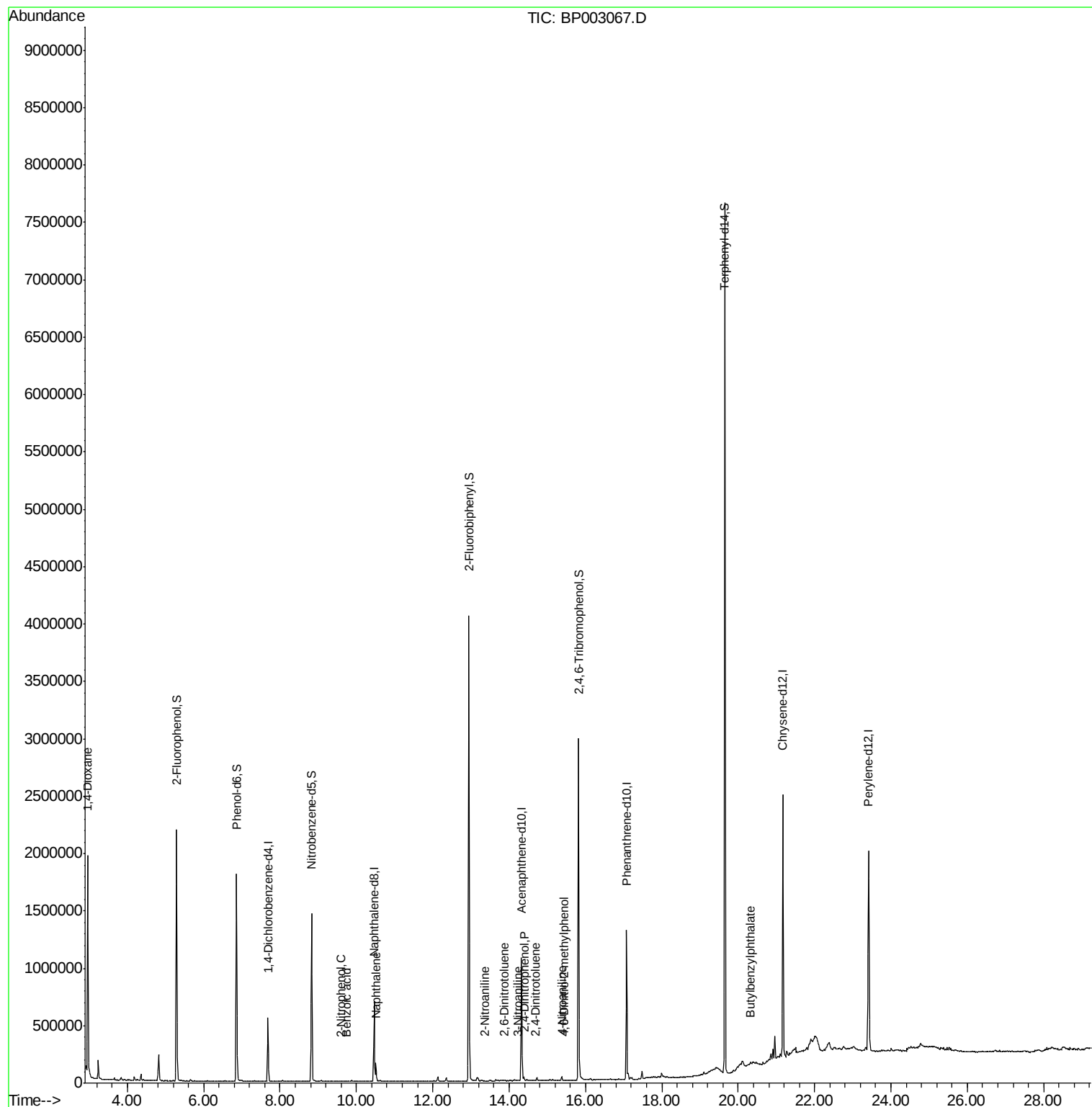
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.96	88	15175	3.248	ng	# 1
26) 2-Nitrophenol	9.59	139	28	4.525	ng	# 1
31) Naphthalene	10.51	128	135406	3.604	ng	99
32) Benzoic acid	9.75	122	1201	7.851	ng	95
48) 2-Nitroaniline	13.37	65	196	4.001	ng	# 1
51) 2,6-Dinitrotoluene	13.88	165	429	2.959	ng	# 62
53) 3-Nitroaniline	14.23	138	41	3.279	ng	# 66
54) 2,4-Dinitrophenol	14.40	184	40	8.070	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	39	3.810	ng	# 53
62) 4-Nitroaniline	15.40	138	157	2.437	ng	# 71
65) 4,6-Dinitro-2-methylphenol	15.45	198	19	6.904	ng	# 1
80) Butylbenzylphthalate	20.33	149	4935	3.207	ng	# 91

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

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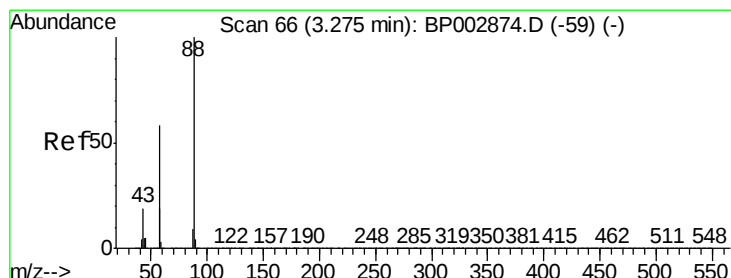
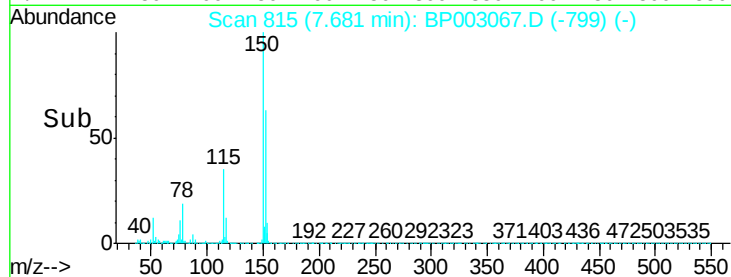
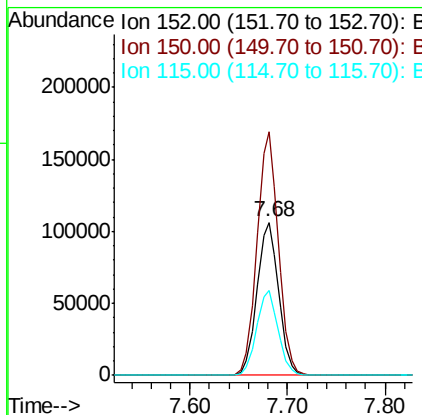
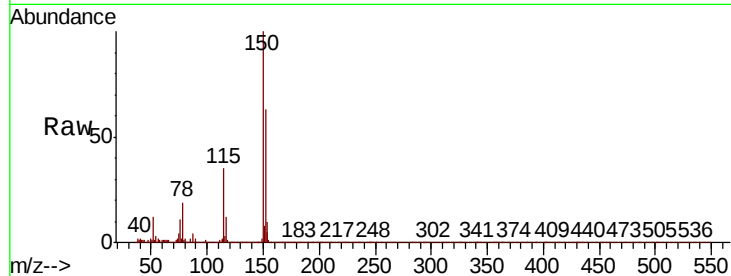


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

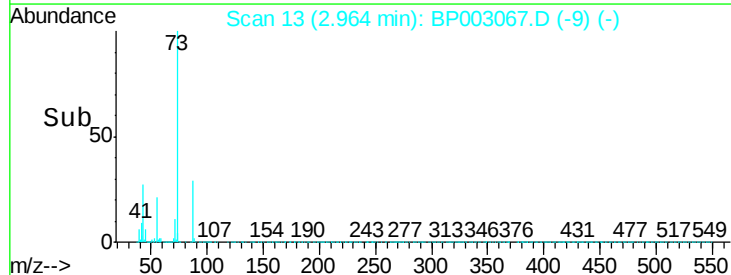
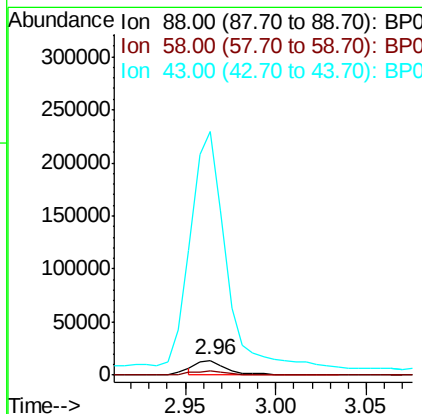
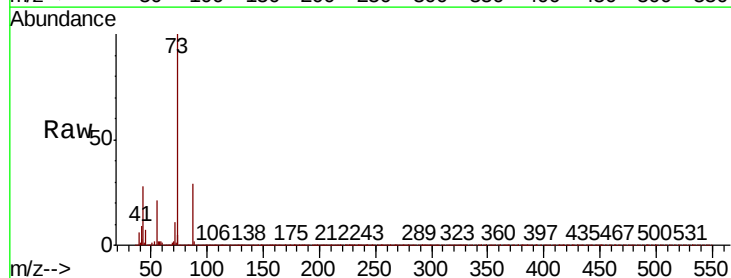
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.1	189.1
115	55.2	43.4	65.2

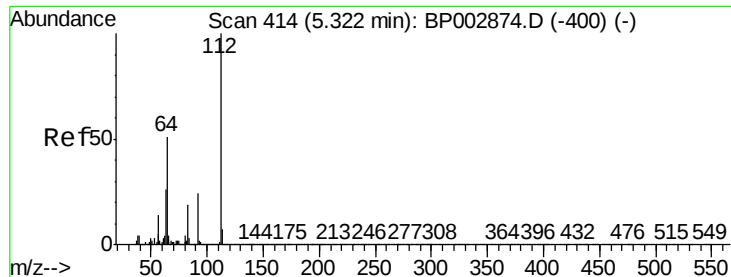


#2

1,4-Dioxane
Concen: 3.248 ng
RT: 2.96 min Scan# 13
Delta R.T. -0.28 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	21.9	44.5	66.7#
43	1729.0	14.5	21.7#





#5

2-Fluorophenol

Concen: 106.620 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

ClientSampleId :

HD-01-081820

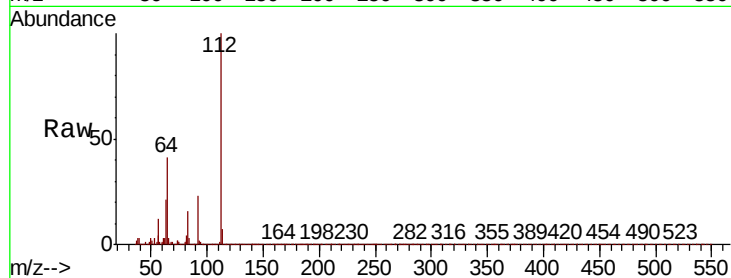
Tot Ion:112 Resp: 1160294

Ion Ratio Lower Upper

112 100

64 40.7 33.4 50.2

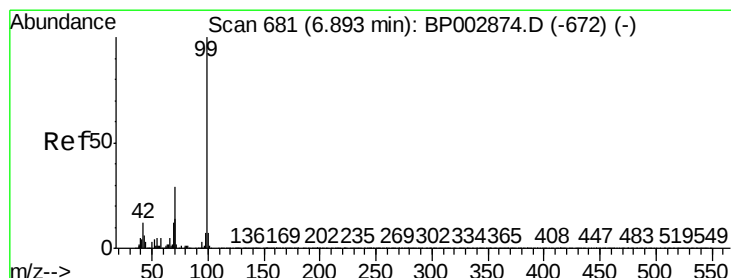
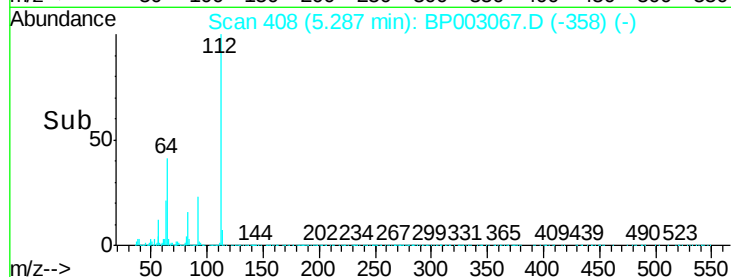
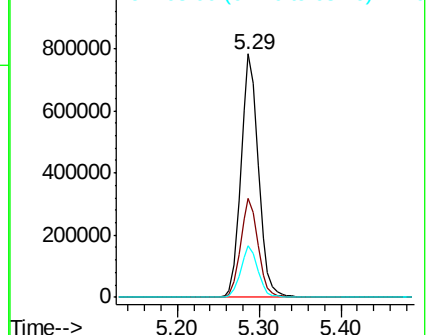
63 21.4 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 84.453 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

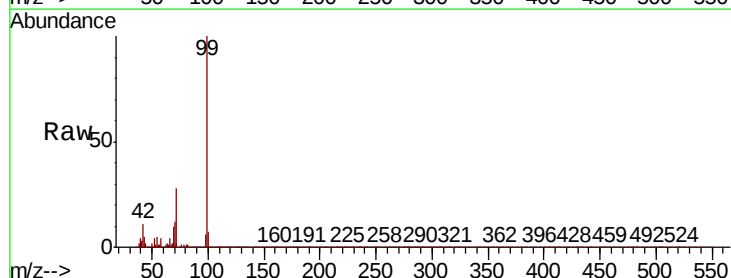
Tgt Ion: 99 Resp: 1275996

Ion Ratio Lower Upper

99 100

42 10.5 8.0 12.0

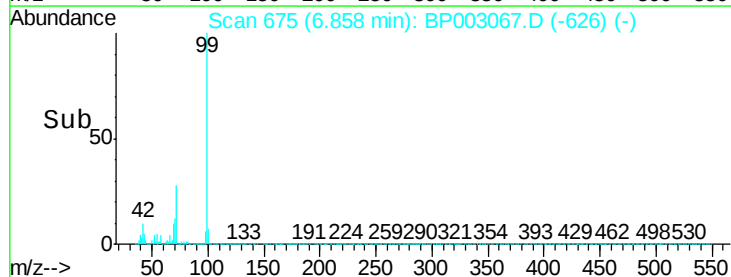
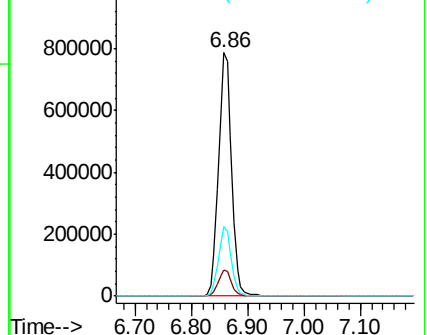
71 28.5 21.3 31.9

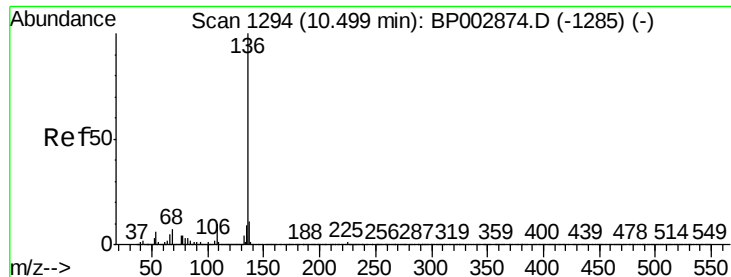


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

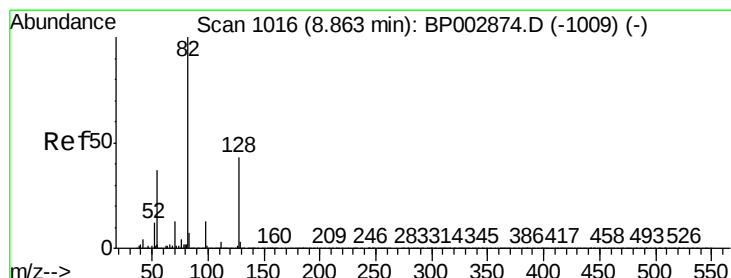
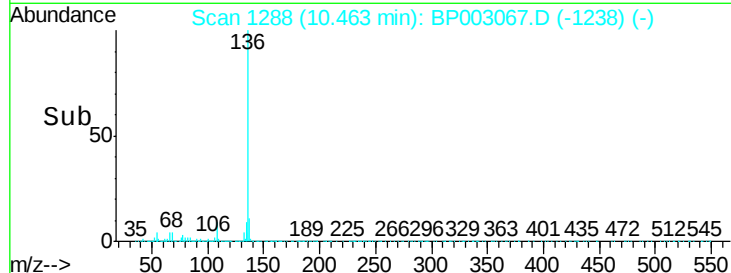
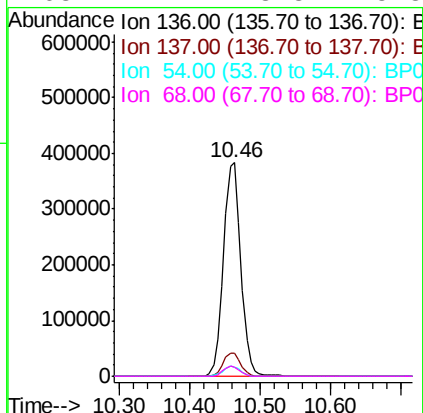
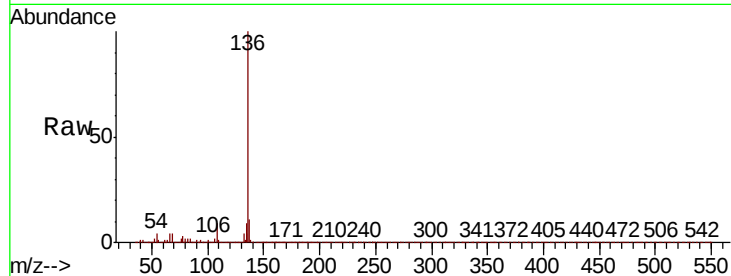




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

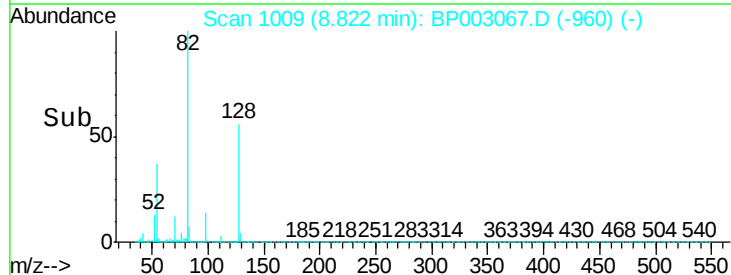
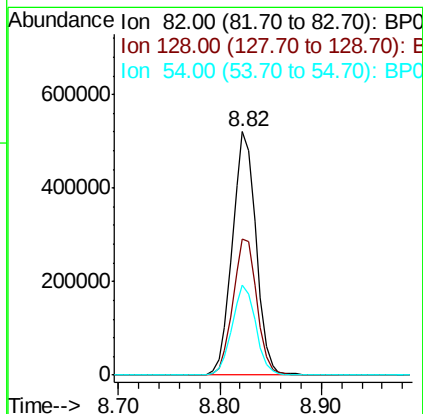
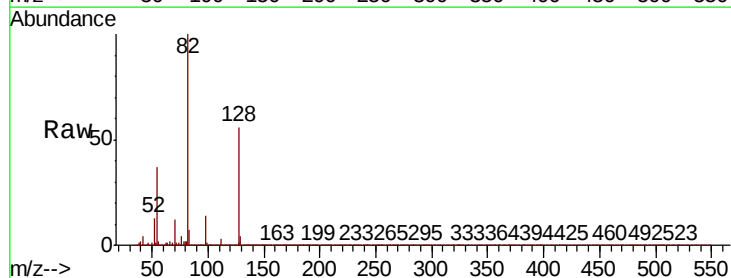
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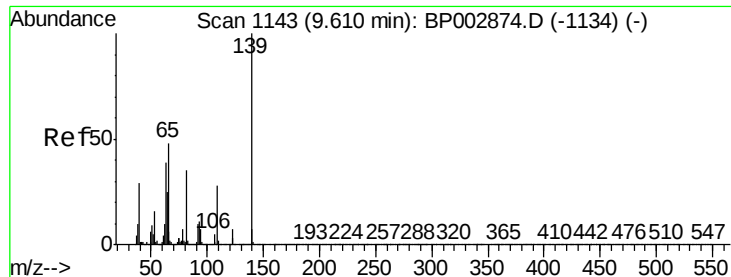
Tot Ion:136	Resp:	656384	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 4.5	3.8	5.8	
68 4.1	3.8	5.8	



#23
Nitrobenzene-d5
Concen: 69.693 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt	Ion: 82	Resp:	844601
Ion	Ratio	Lower	Upper
82	100		
128	56.1	45.1	67.7
54	36.9	28.8	43.2

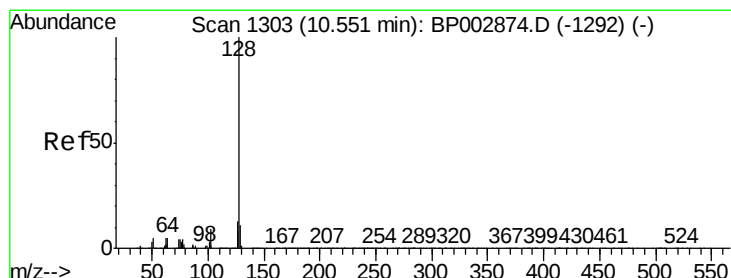
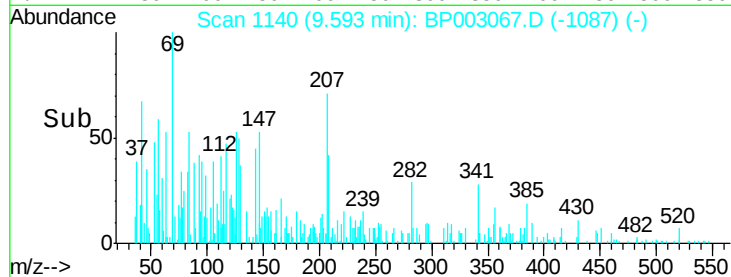
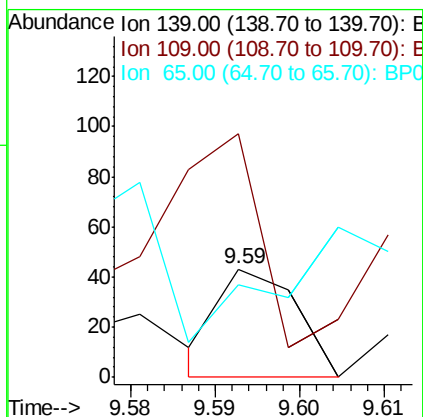
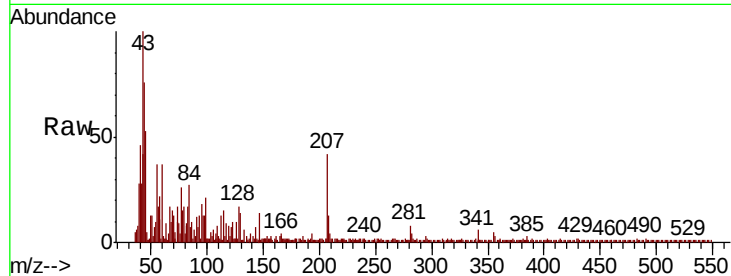




#26
2-Nitrophenol
Concen: 4.525 ng
RT: 9.59 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

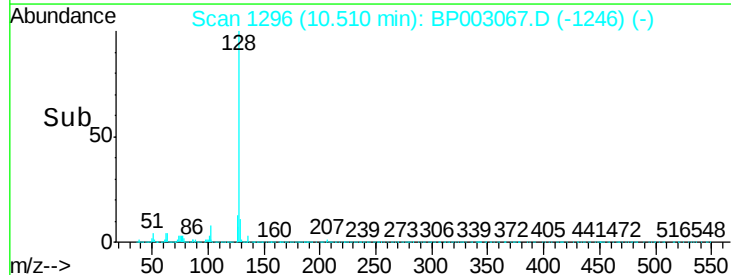
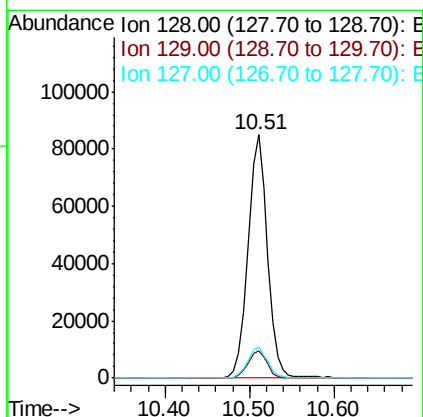
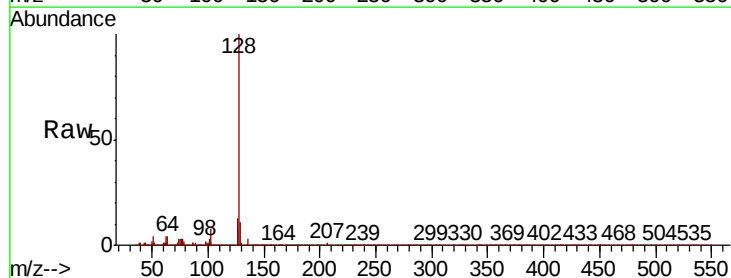
Instrument :
BNA_P
ClientSampleId :
HD-01-081820

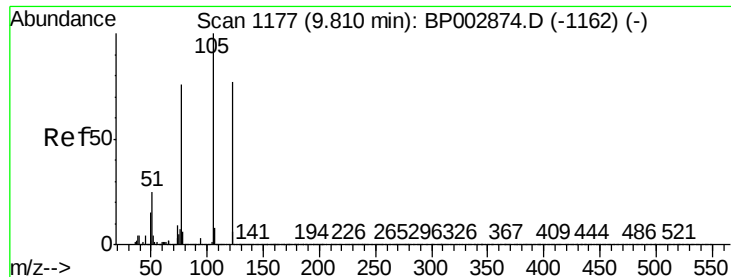
Tot Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 225.6 21.0 31.6#
65 86.0 27.2 40.8#



#31
Naphthalene
Concen: 3.604 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion:128 Resp: 135406
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 10.6 16.0

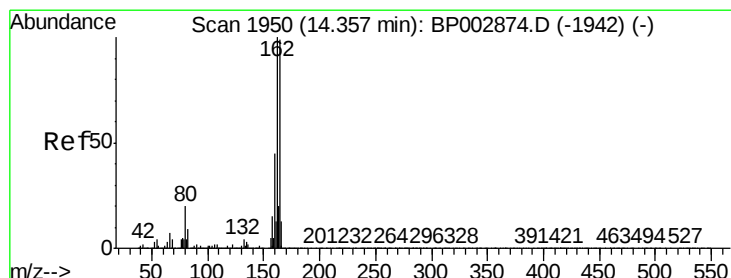
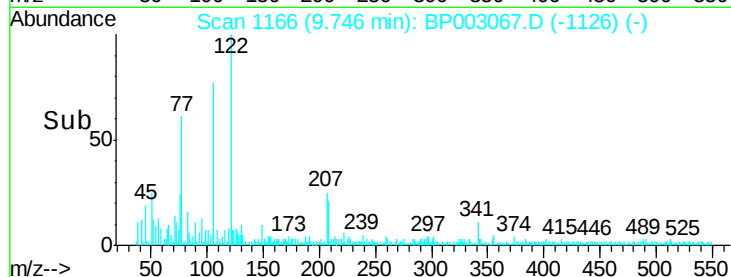
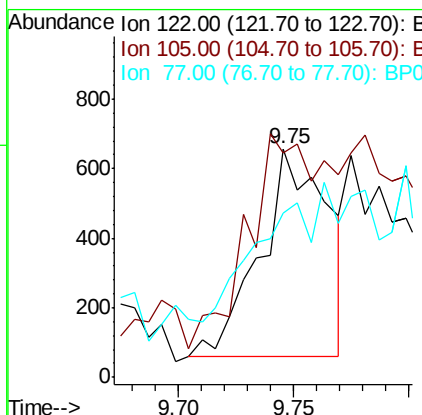
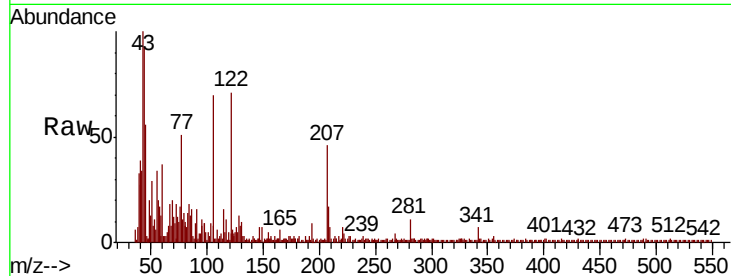




#32
Benzoic acid
Concen: 7.851 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

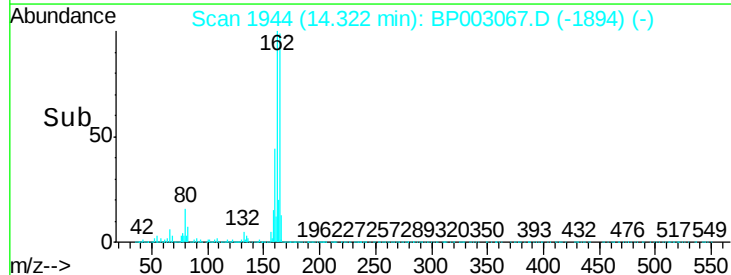
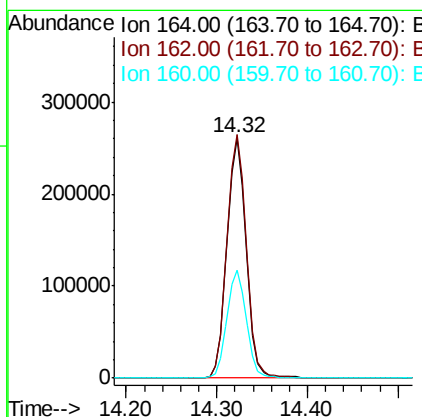
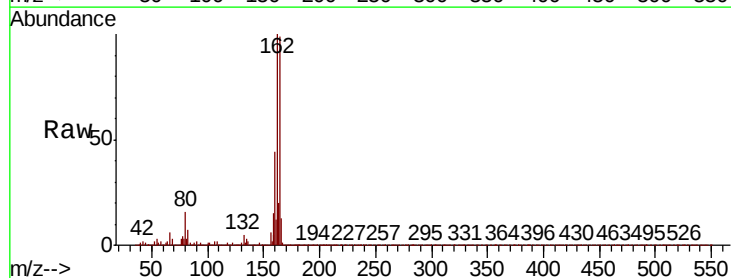
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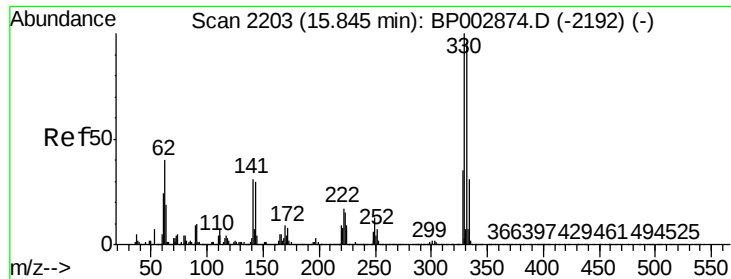
Tot Ion	Ratio	Lower	Upper
122	100		
105	109.6	96.2	136.2
77	71.8	55.6	95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	45.0	35.5	53.3

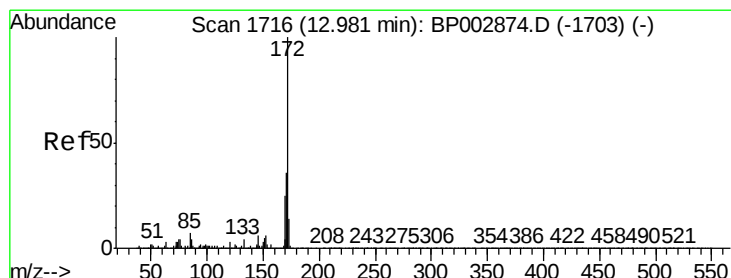
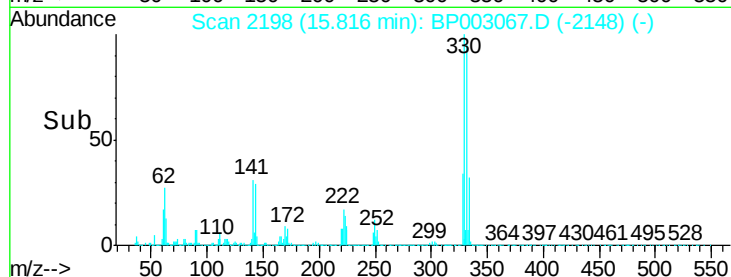
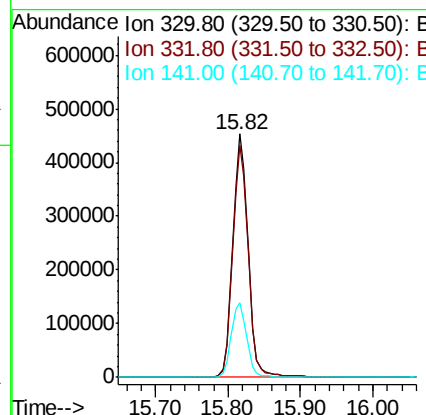
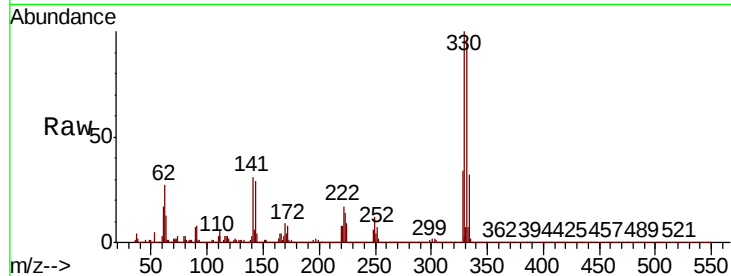




#42
 2,4,6-Tribromophenol
 Concen: 139.634 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003067.D
 Acq: 20 Aug 2020 16:14

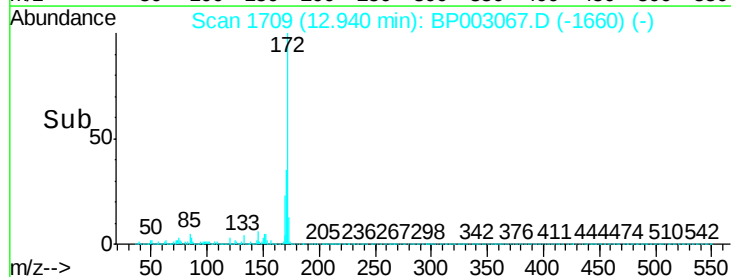
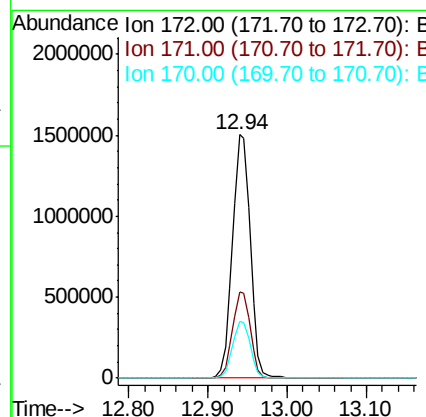
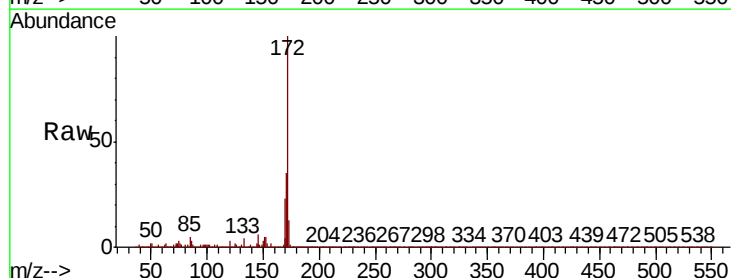
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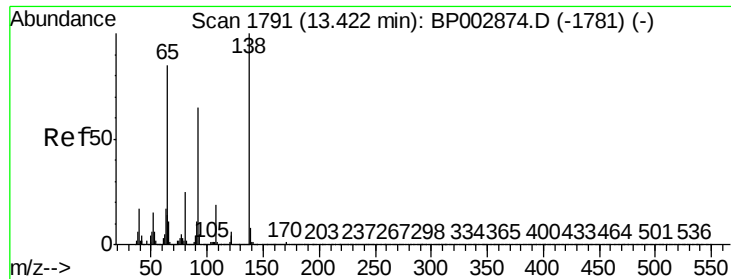
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.2	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 83.130 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003067.D
 Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.3	19.1	28.7

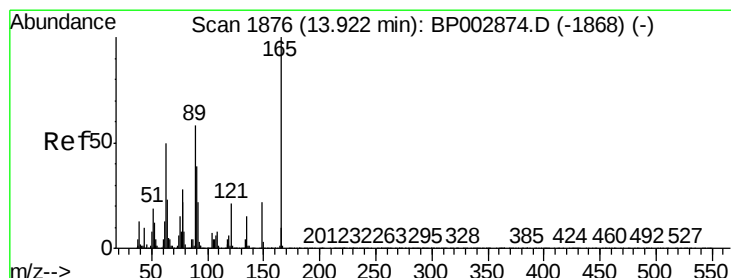
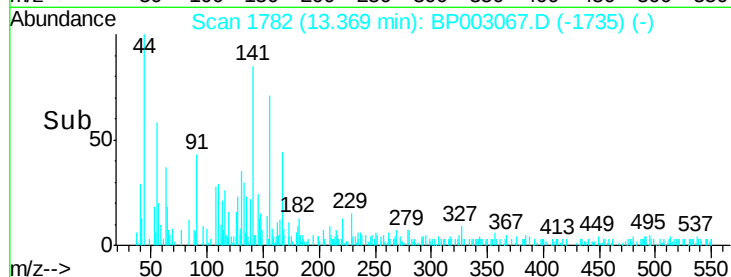
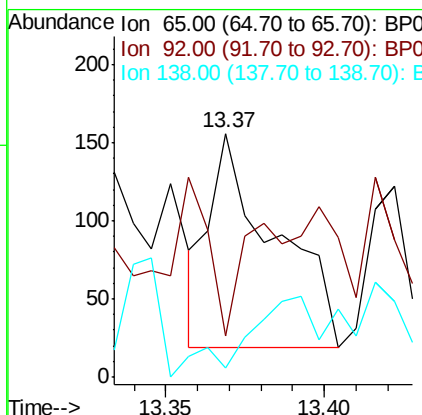
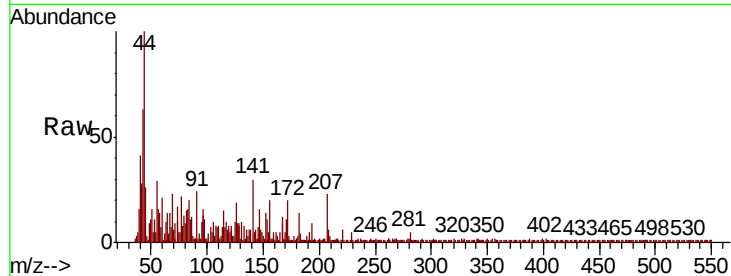




#48
2-Nitroaniline
Concen: 4.001 ng
RT: 13.37 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

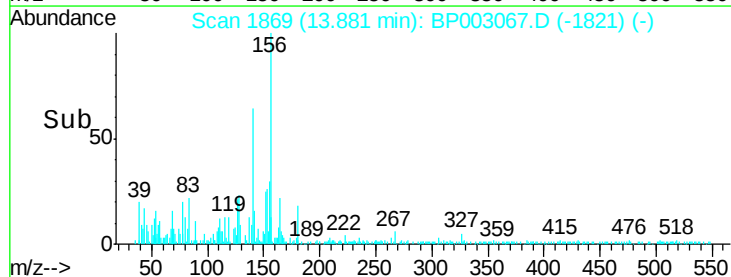
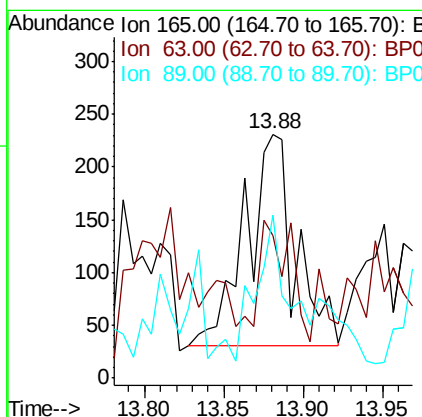
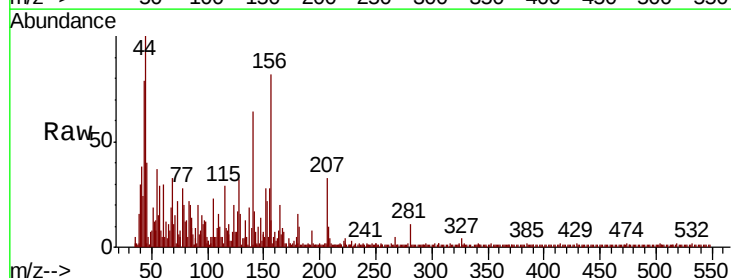
Instrument :
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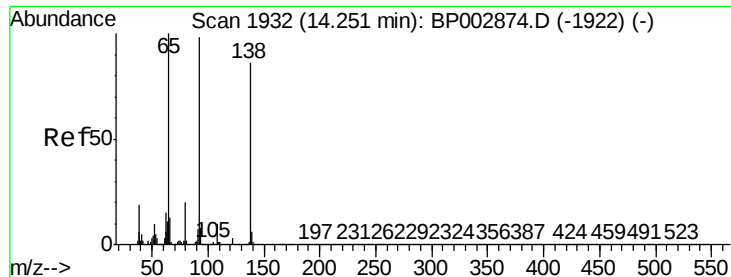
Tot Ion: 65 Resp: 196
Ion Ratio Lower Upper
65 100
92 13.1 70.1 105.1#
138 3.0 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.959 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion:165 Resp: 429
Ion Ratio Lower Upper
165 100
63 58.4 28.1 42.1#
89 66.7 34.5 51.7#





#53

3-Nitroaniline

Concen: 3.279 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

ClientSampleId :

HD-01-081820

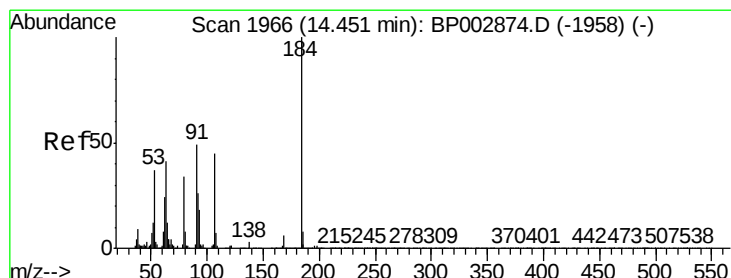
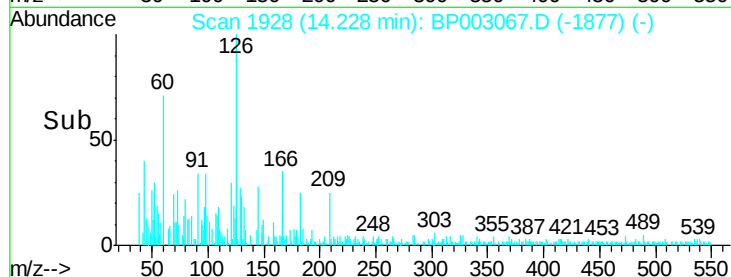
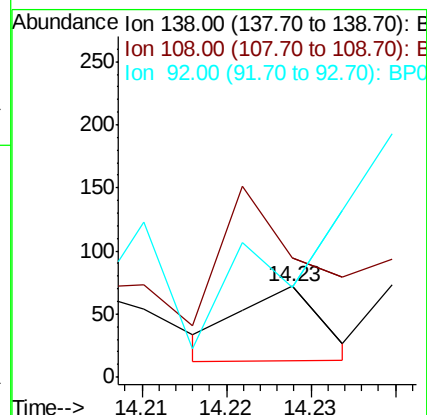
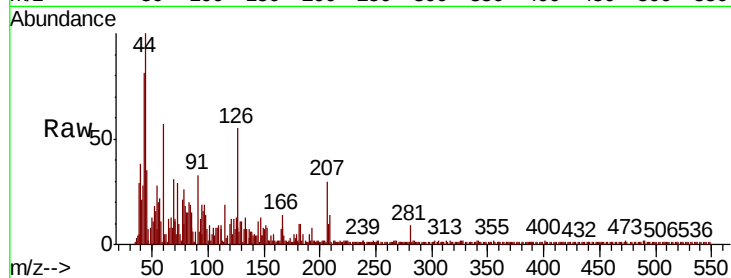
Tot Ion:138 Resp: 41

Ion Ratio Lower Upper

138 100

108 130.6 7.7 11.5#

92 98.6 75.6 113.4



#54

2,4-Dinitrophenol

Concen: 8.070 ng

RT: 14.40 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

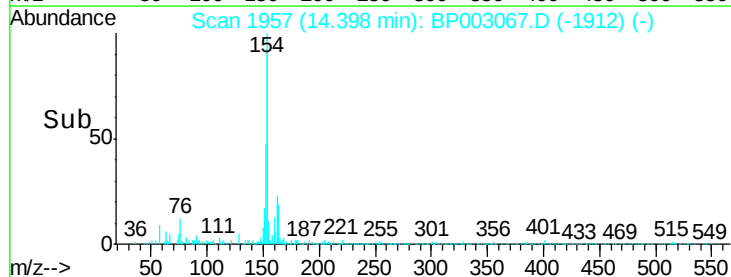
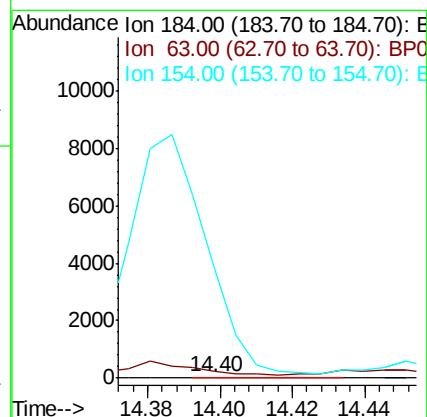
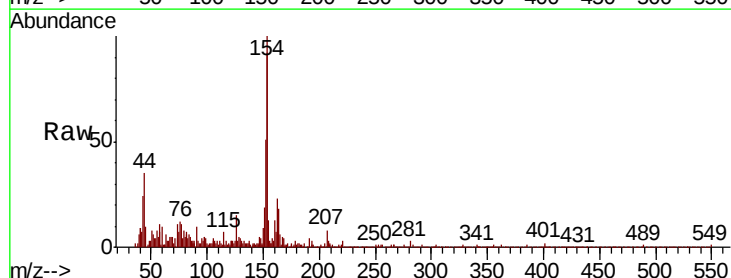
Tgt Ion:184 Resp: 40

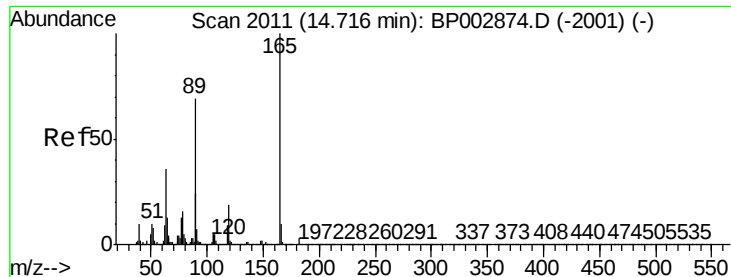
Ion Ratio Lower Upper

184 100

63 733.3 33.0 49.6#

154 12860.0 46.8 70.2#





#57

2,4-Dinitrotoluene

Concen: 3.810 ng

RT: 14.68 min Scan# 2005

Delta R.T. -0.01 min

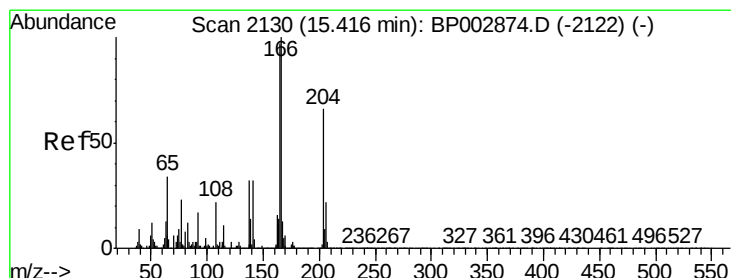
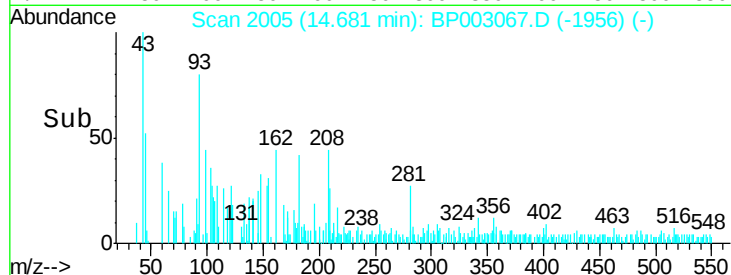
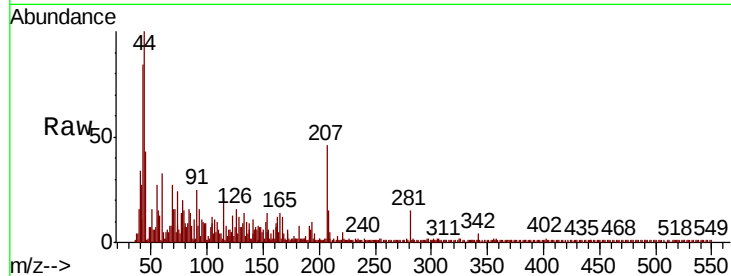
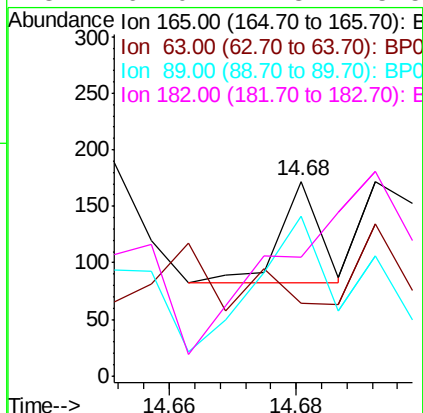
Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion:165 Resp: 39

Ion	Ratio	Lower	Upper
165	100		
63	50.6	20.6	31.0#
89	82.0	43.4	65.0#
182	61.0	2.3	3.5#



#62

4-Nitroaniline

Concen: 2.437 ng

RT: 15.40 min Scan# 2128

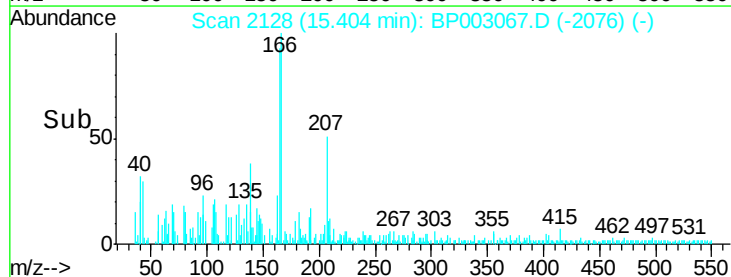
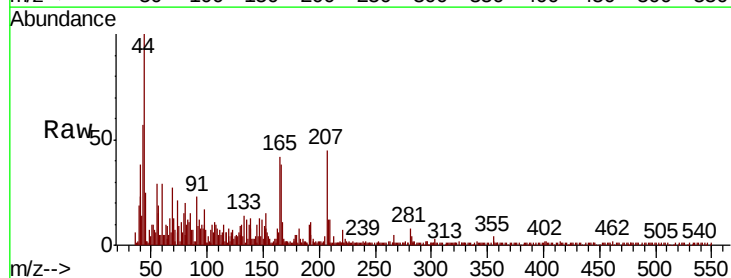
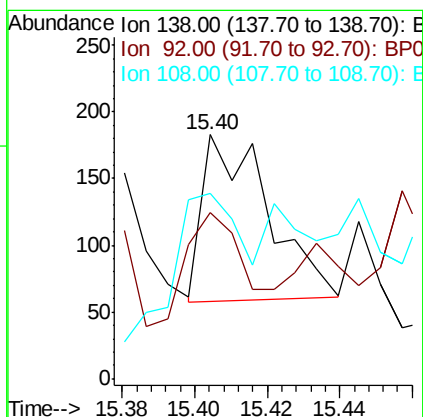
Delta R.T. 0.01 min

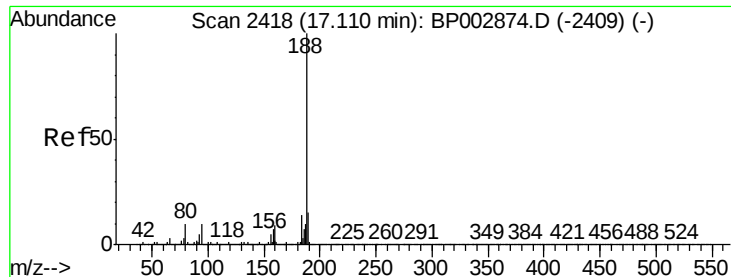
Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Tgt Ion:138 Resp: 157

Ion	Ratio	Lower	Upper
138	100		
92	68.3	21.4	61.4#
108	76.0	40.8	80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

ClientSampleId :

HD-01-081820

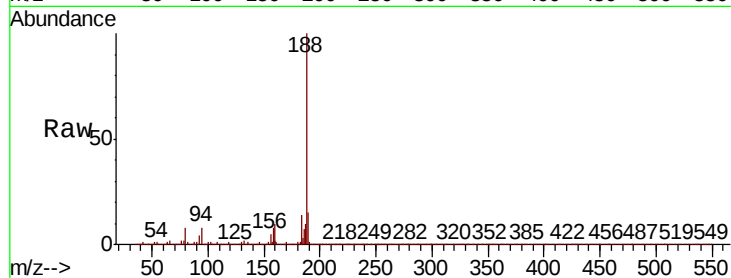
Tot Ion:188 Resp: 816722

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

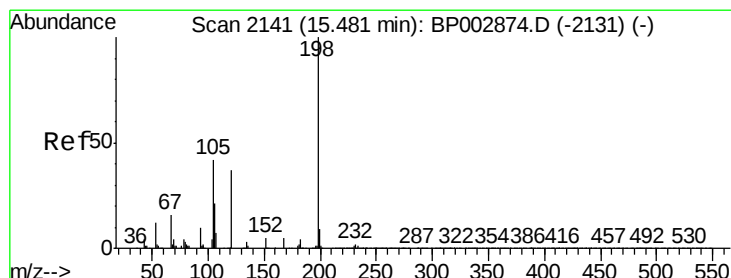
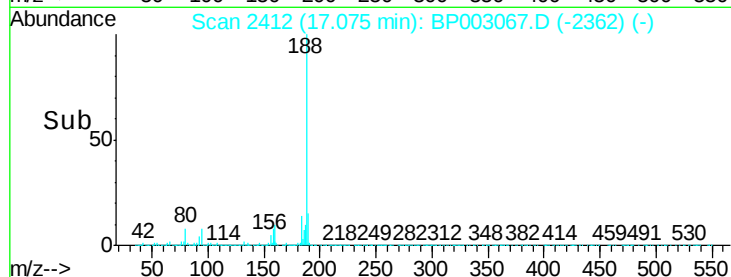
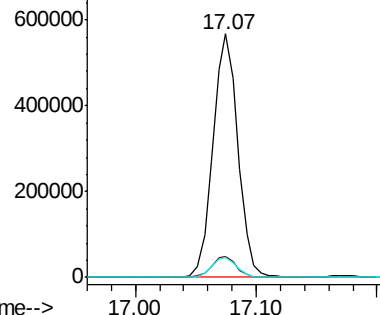
80 7.9 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.904 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

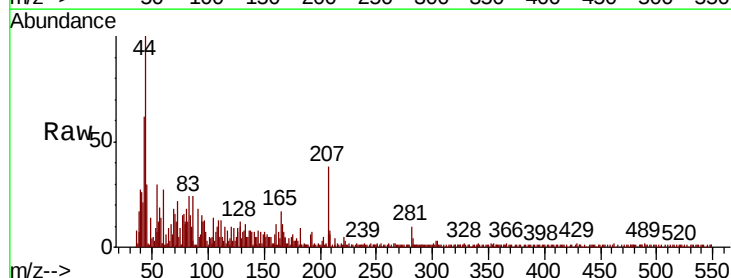
Tgt Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 220.7 6.2 46.2#

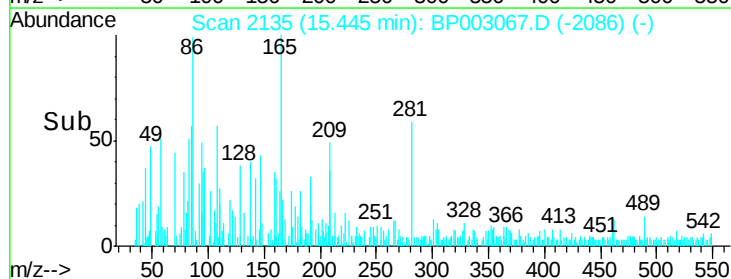
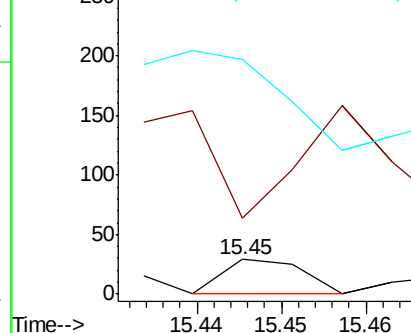
105 679.3 19.9 59.9#

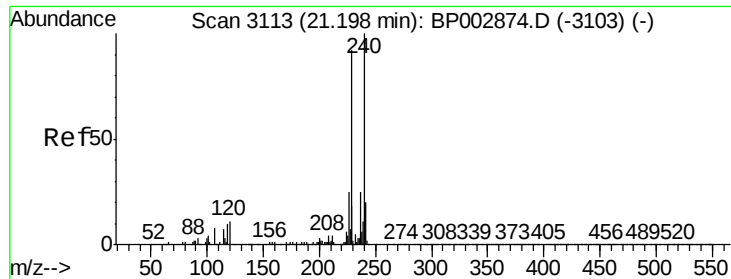


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

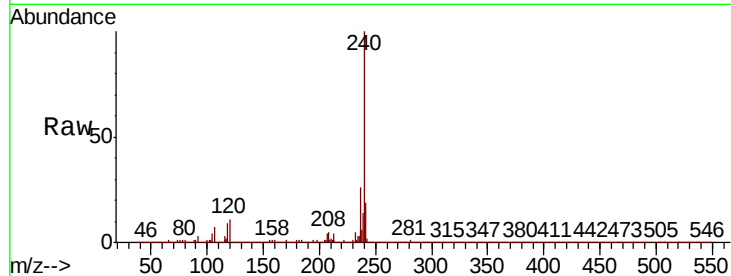




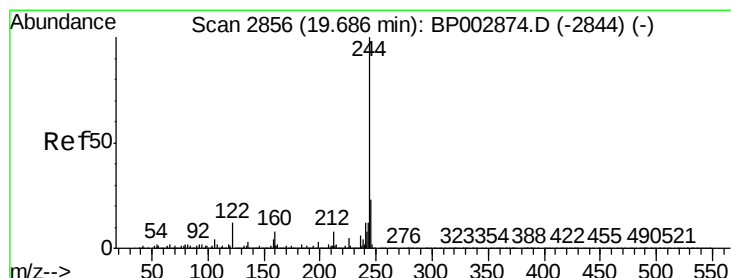
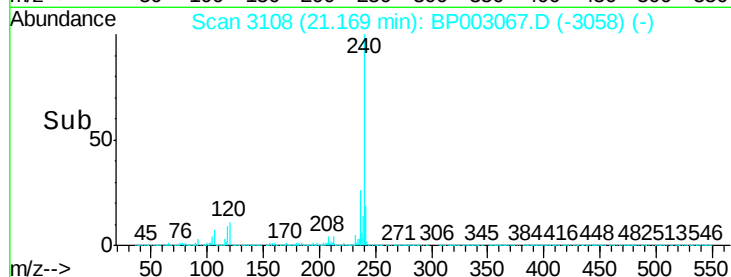
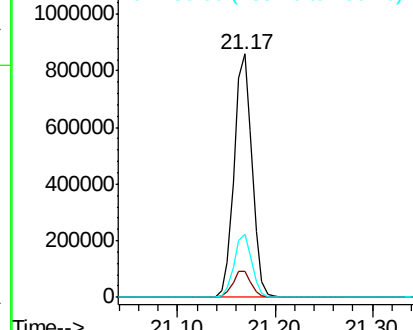
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion:240 Resp: 1093032
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.1 20.8 31.2

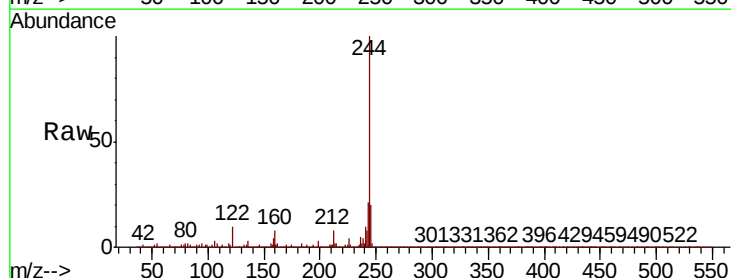


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

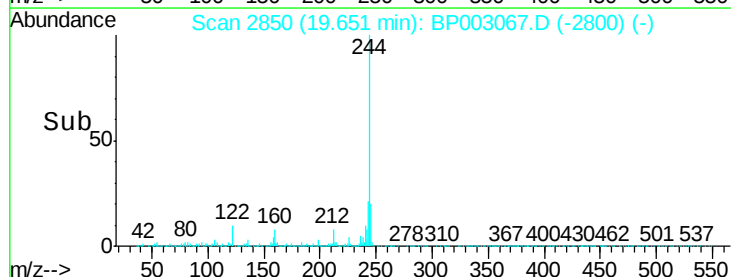
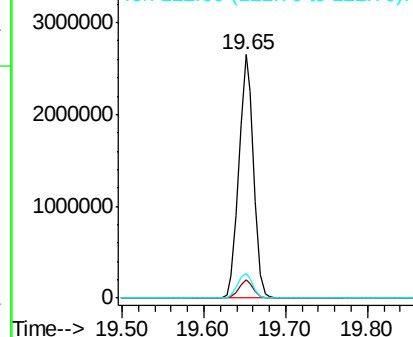


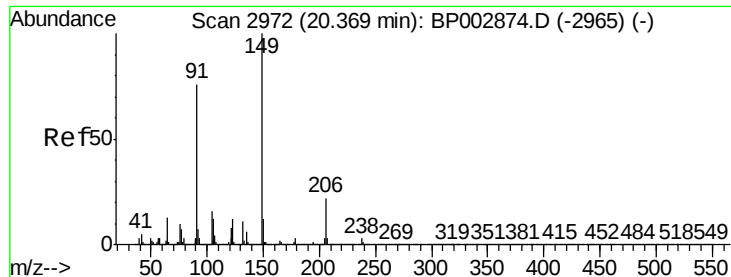
#79
Terphenyl-d14
Concen: 60.330 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion:244 Resp: 3293933
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 10.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

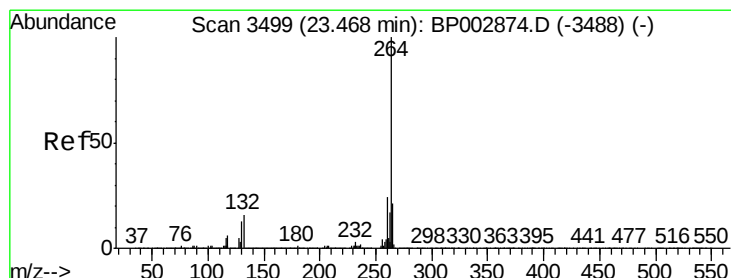
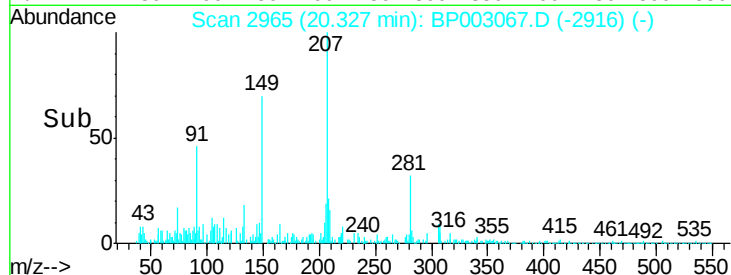
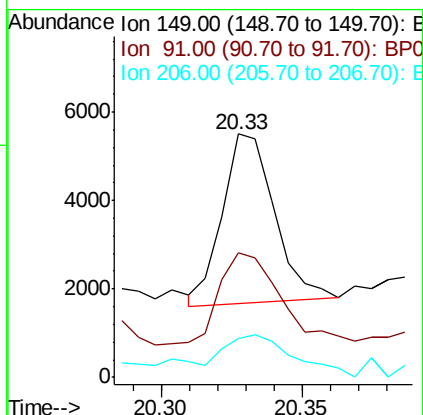
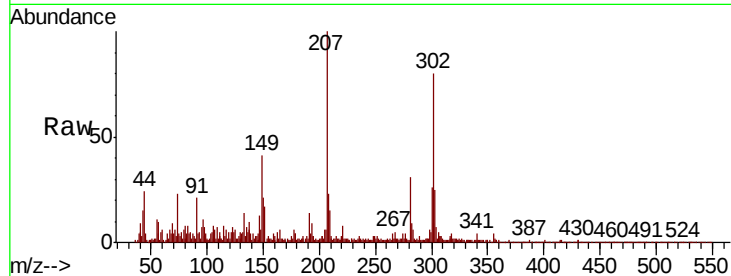




#80
Butylbenzylphthalate
Concen: 3.207 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion:149 Resp: 4935
Ion Ratio Lower Upper
149 100
91 51.2 45.3 67.9
206 15.7 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion:264 Resp: 1339362
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.7 17.3 25.9

