

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003023.D
 Acq On : 18 Aug 2020 18:31
 Operator : CG/JU
 Sample : L3508-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-08-081420

Quant Time: Aug 18 19:35:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	362152	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1423188	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	817374	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1674751	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1618216	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1630578	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2052486	86.74	ng	0.00
7) Phenol-d6	6.86	99	2237776	68.12	ng	0.00
23) Nitrobenzene-d5	8.83	82	1567610	59.66	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1112676	109.53	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4294314	71.78	ng	0.00
79) Terphenyl-d14	19.65	244	5596225	69.23	ng	0.00

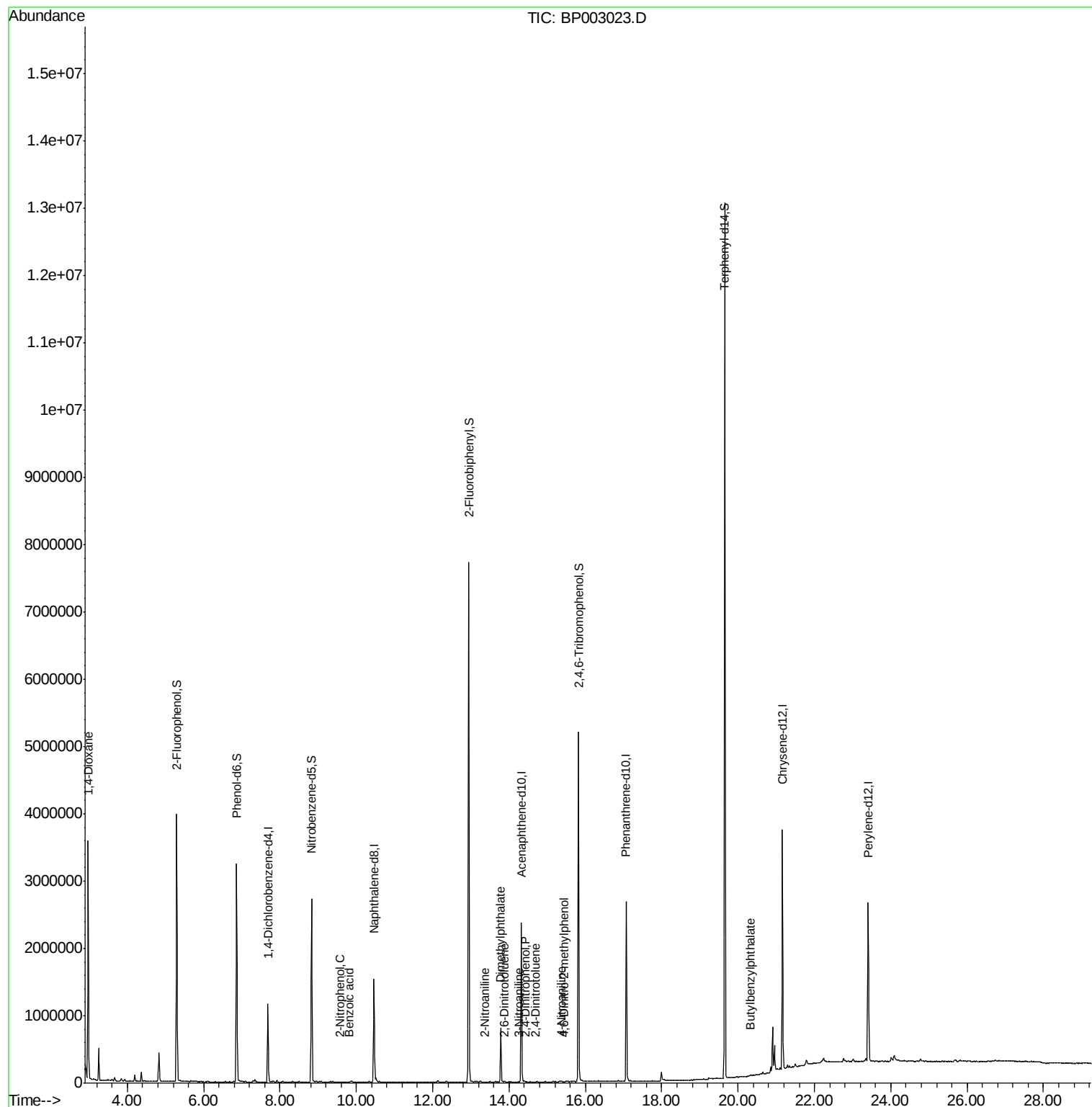
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	30842	3.036	ng	# 1
26) 2-Nitrophenol	9.58	139	12	4.521	ng	# 1
32) Benzoic acid	9.80	122	1738	7.796	ng	93
48) 2-Nitroaniline	13.38	65	107	3.979	ng	# 3
50) Dimethylphthalate	13.78	163	614282	9.609	ng	100
51) 2,6-Dinitrotoluene	13.87	165	401	2.926	ng	# 50
53) 3-Nitroaniline	14.26	138	154	3.283	ng	# 42
54) 2,4-Dinitrophenol	14.43	184	33	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	243	3.818	ng	# 50
62) 4-Nitroaniline	15.37	138	163	2.426	ng	82
65) 4,6-Dinitro-2-methylphenol	15.45	198	33	6.903	ng	# 1
80) Butylbenzylphthalate	20.33	149	4554	3.151	ng	89

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

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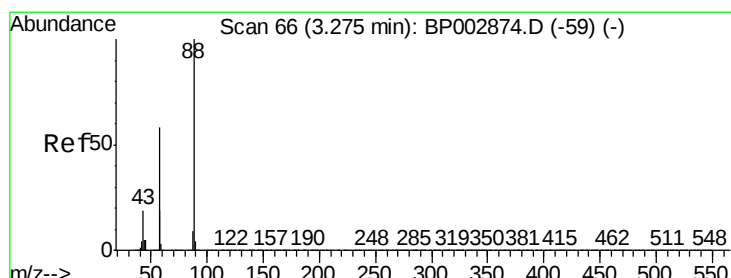
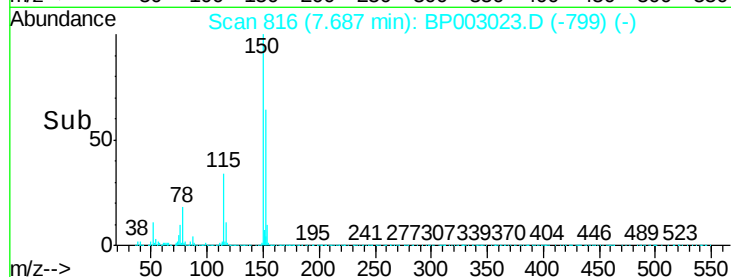
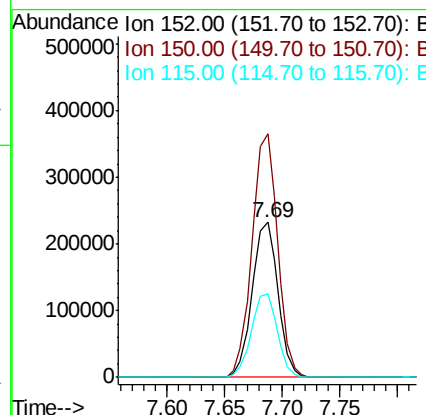
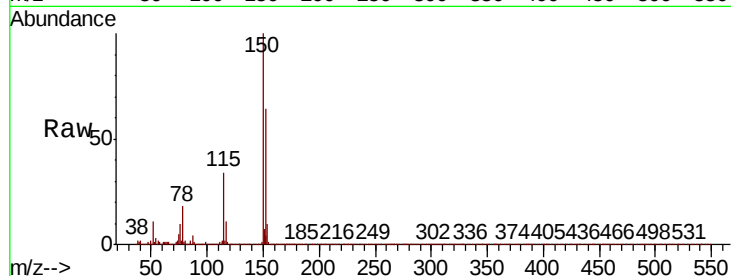




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BP003023.D
 Acq: 18 Aug 2020 18:31

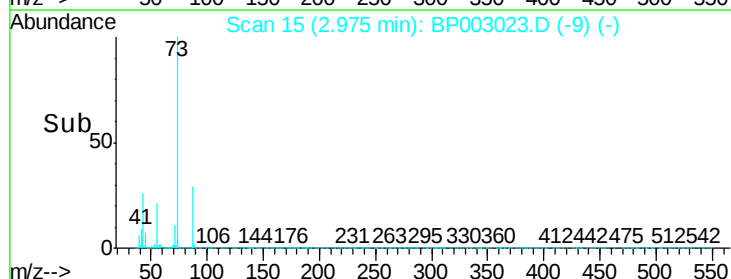
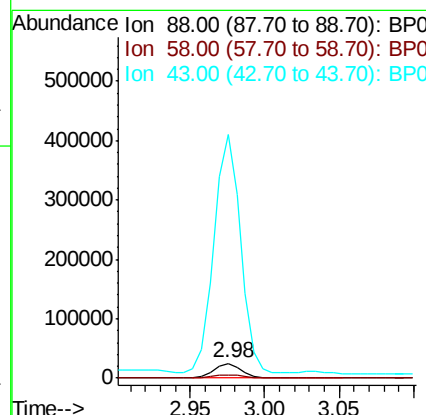
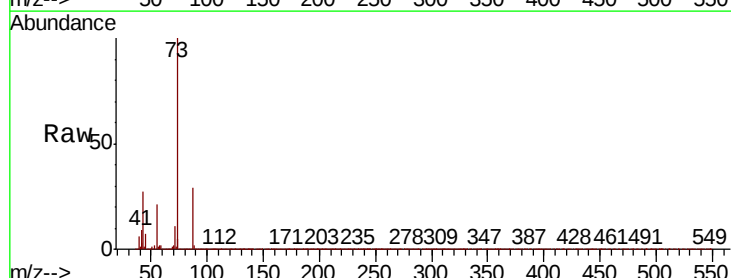
Instrument :
 BNA_P
 ClientSampleId :
 TR-08-081420

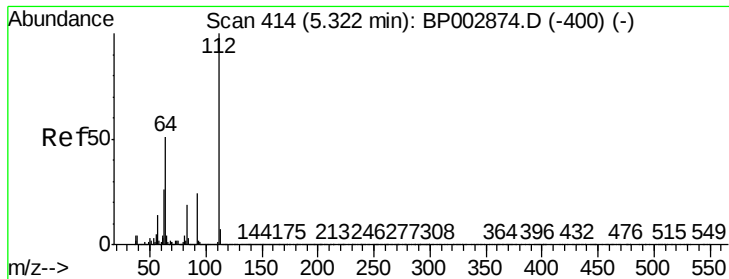
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.1	189.1
115	54.0	43.4	65.2



#2
 1,4-Dioxane
 Concen: 3.036 ng
 RT: 2.98 min Scan# 15
 Delta R.T. -0.26 min
 Lab File: BP003023.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.8	44.5	66.7#
43	1605.8	14.5	21.7#





#5

2-Fluorophenol

Concen: 86.740 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

Instrument :

BNA_P

ClientSampleId :

TR-08-081420

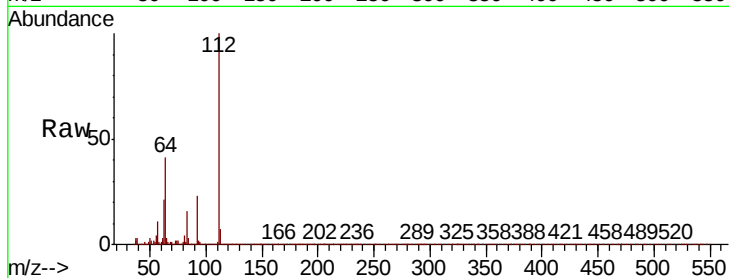
Tot Ion:112 Resp: 2052486

Ion Ratio Lower Upper

112 100

64 41.0 33.4 50.2

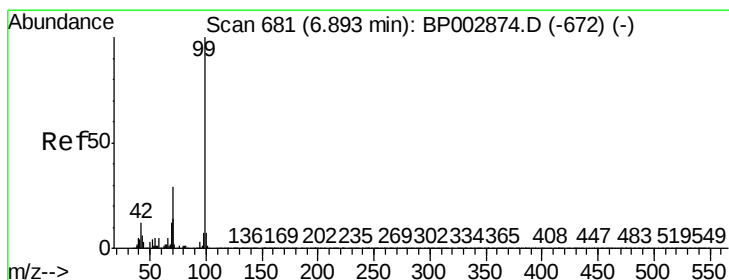
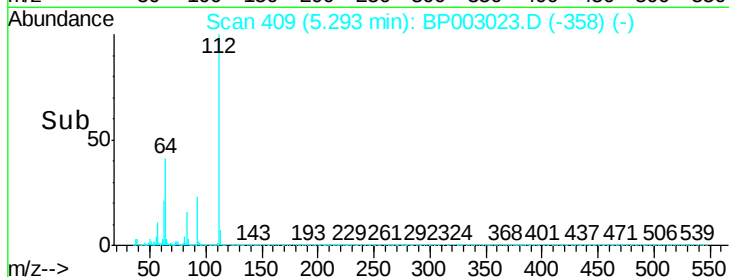
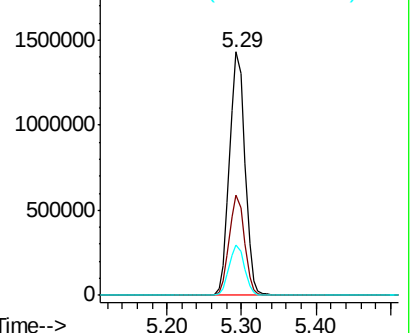
63 20.8 17.4 26.0



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: 68.117 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

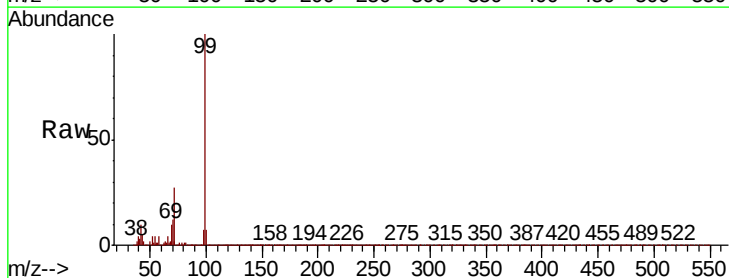
Tgt Ion: 99 Resp: 2237776

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

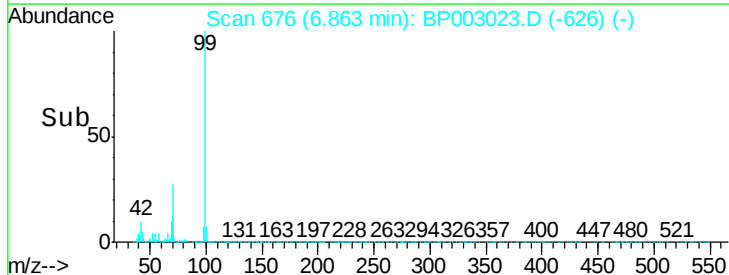
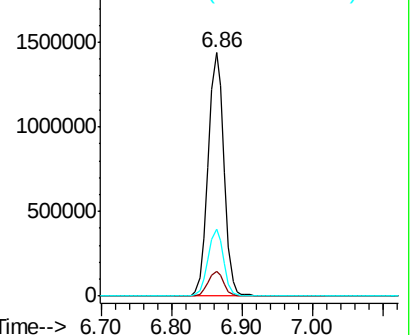
71 27.4 21.3 31.9

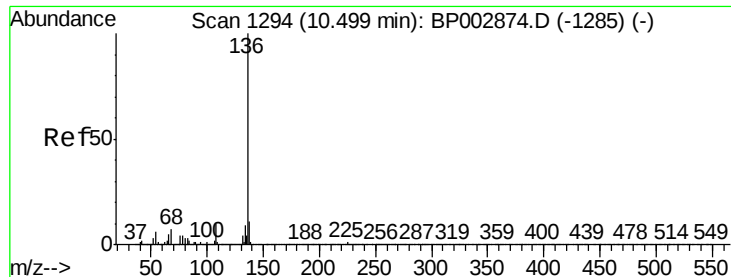


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

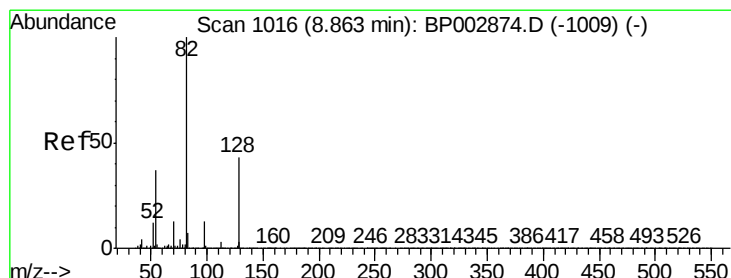
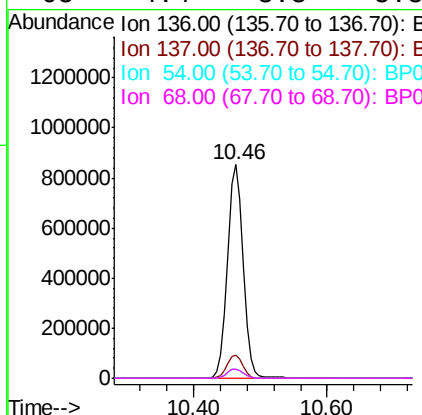
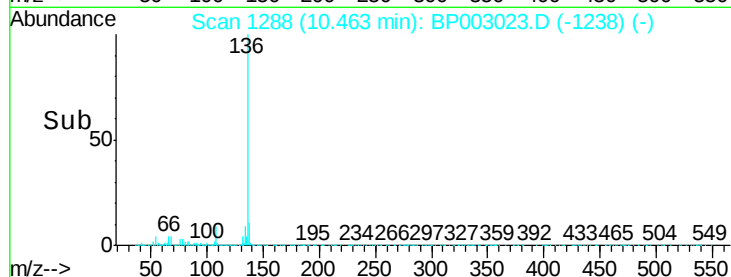
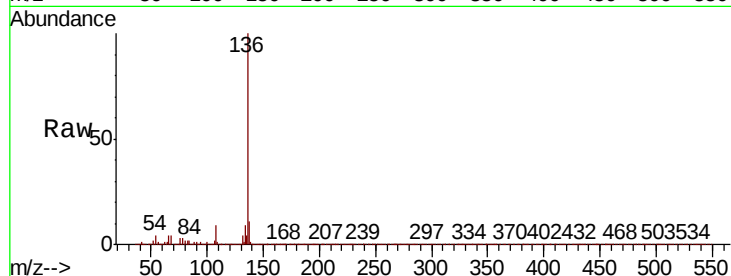




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

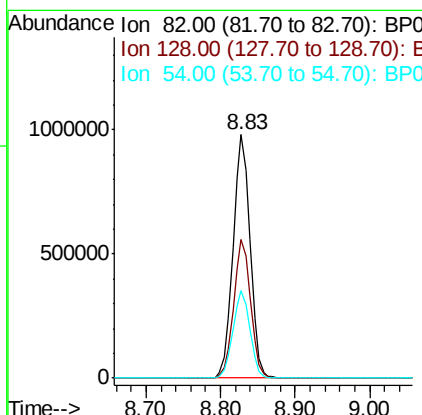
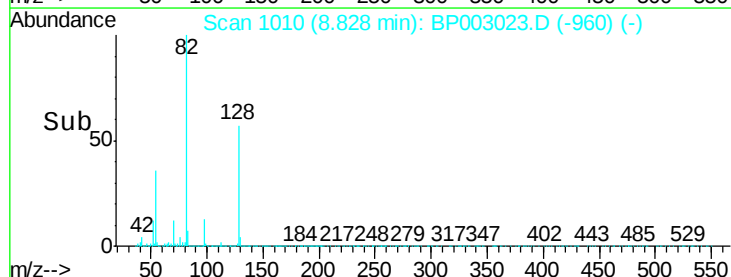
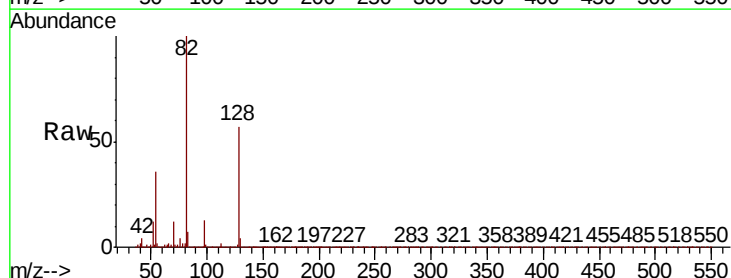
Instrument :
BNA_P
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TR-08-081420

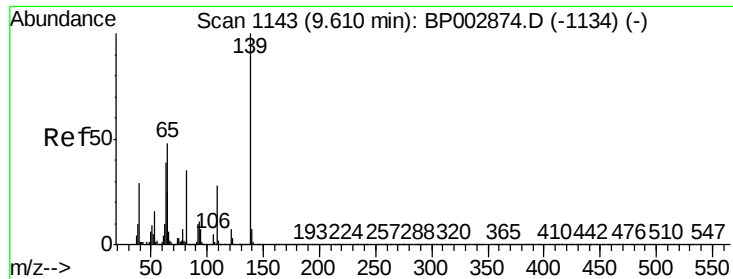
Tot Ion:136	Resp: 1423188
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.4	3.8 5.8
68 4.4	3.8 5.8



#23
Nitrobenzene-d5
Concen: 59.659 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion: 82	Resp: 1567610
Ion Ratio	Lower Upper
82 100	
128 57.0	45.1 67.7
54 36.0	28.8 43.2

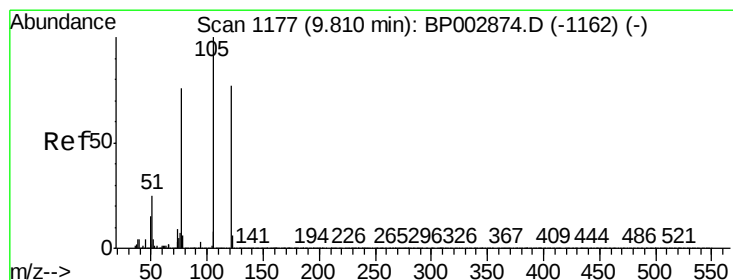
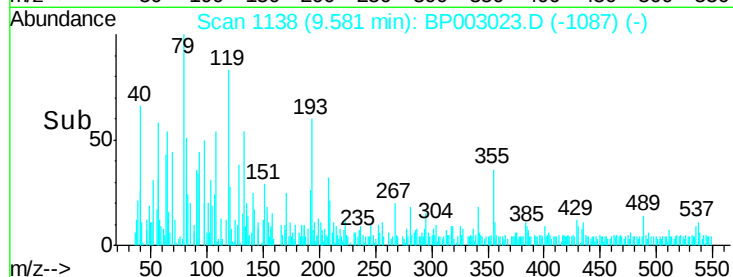
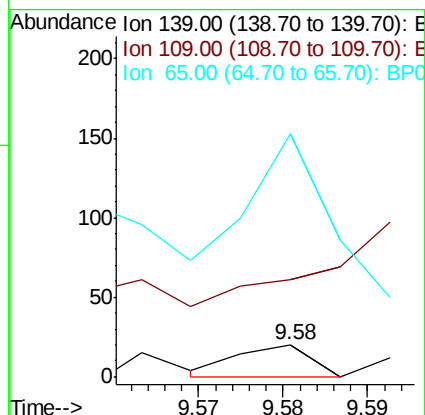
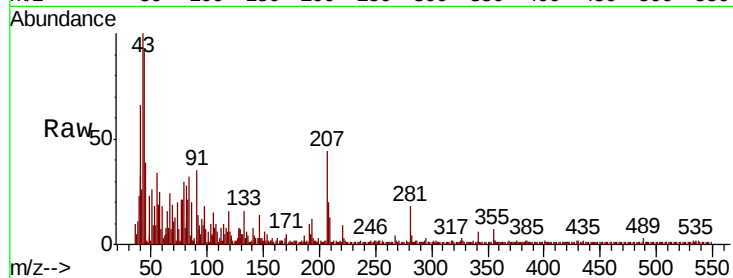




#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

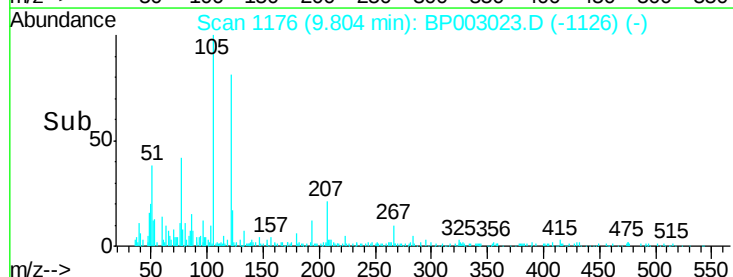
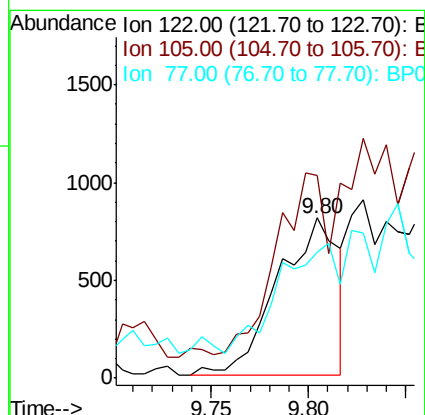
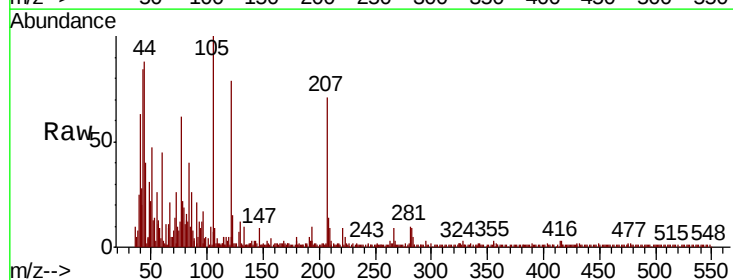
Instrument :
BNA_P
ClientSampleId :
TR-08-081420

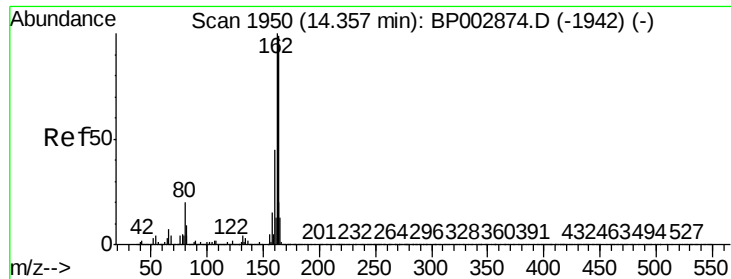
Tot Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 305.0 21.0 31.6#
65 765.0 27.2 40.8#



#32
Benzoic acid
Concen: 7.796 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion:122 Resp: 1738
Ion Ratio Lower Upper
122 100
105 126.7 96.2 136.2
77 78.8 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: BP003023.D

Acq: 18 Aug 2020 18:31

Instrument :

BNA_P

ClientSampleId :

TR-08-081420

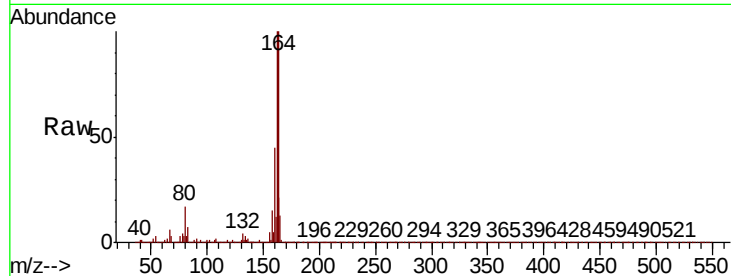
Tot Ion:164 Resp: 817374

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

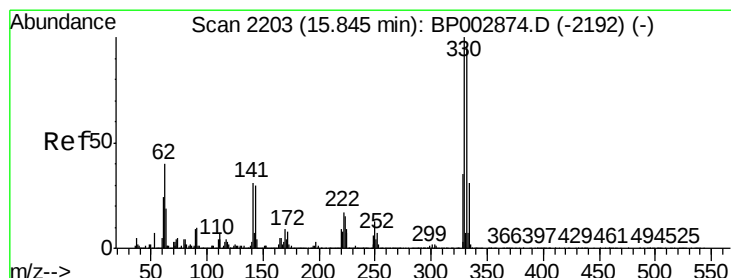
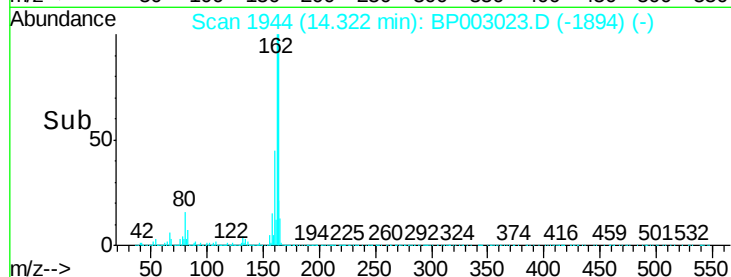
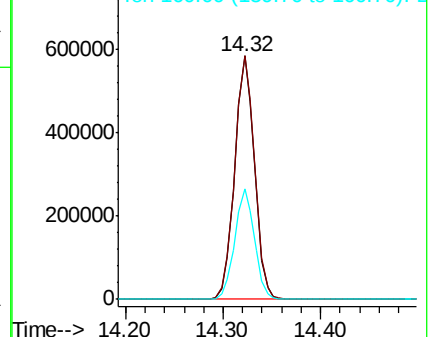
160 45.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 109.526 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

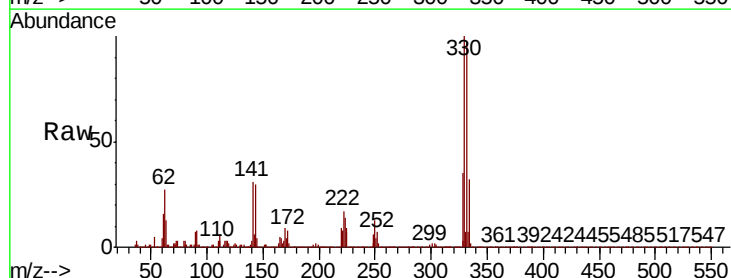
Tgt Ion:330 Resp: 1112676

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

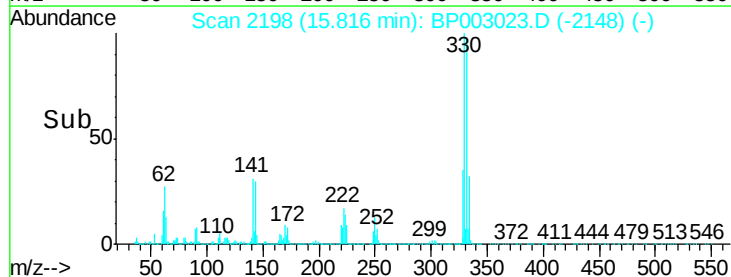
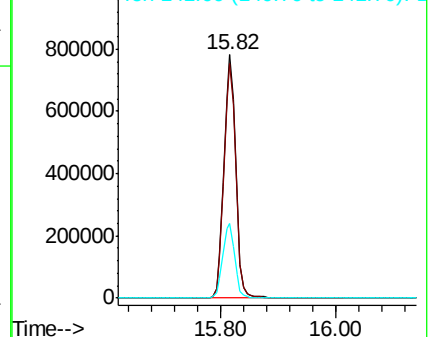
141 31.2 26.7 40.1

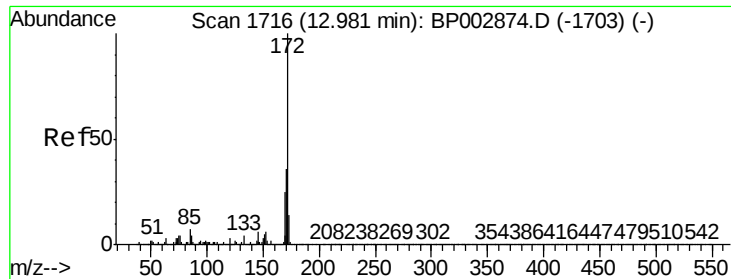


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

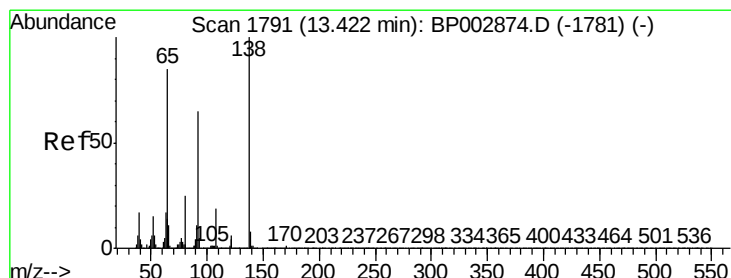
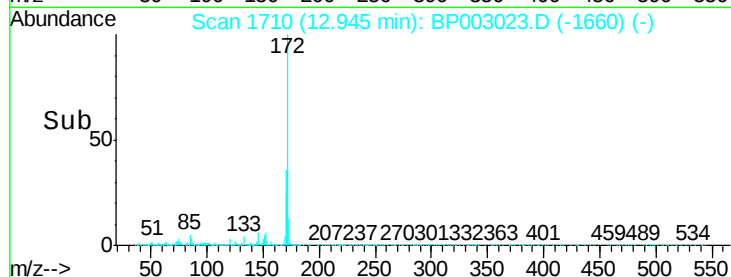
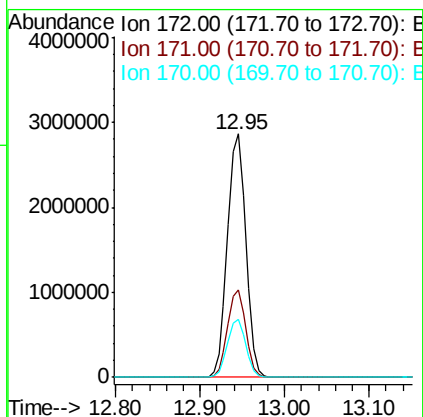
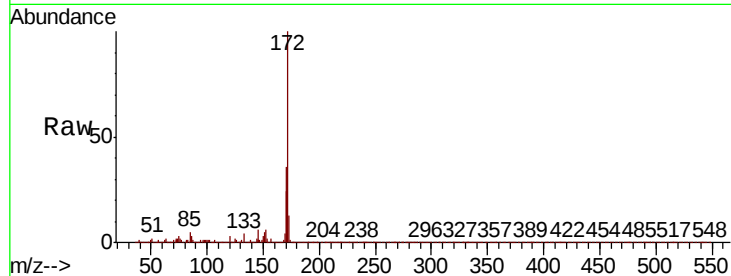




#45
2-Fluorobiphenyl
Concen: 71.782 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

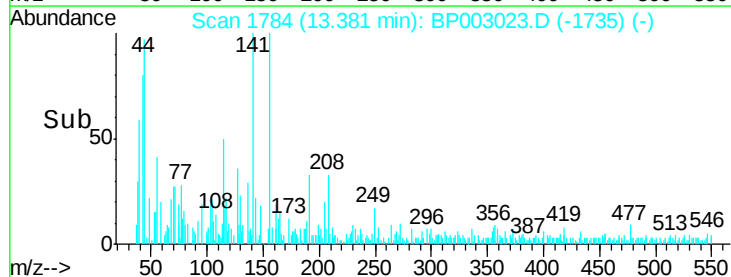
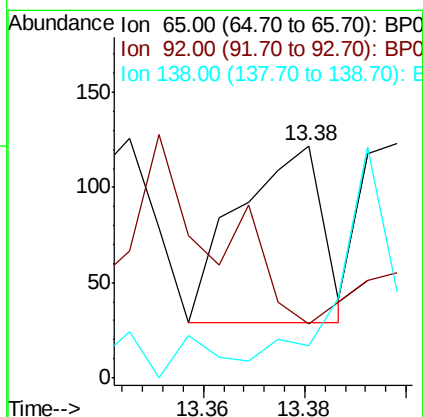
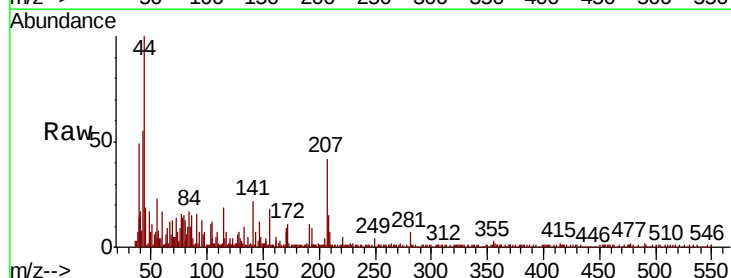
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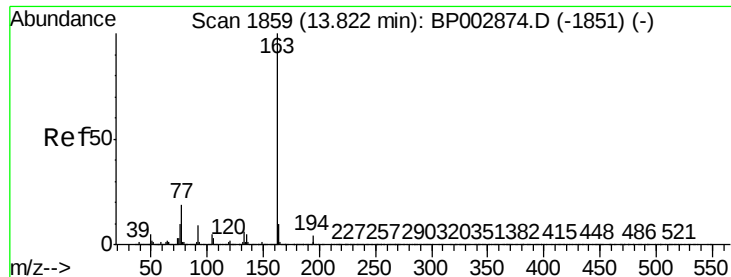
Tot Ion:172 Resp: 4294314
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 23.0 70.1 105.1#
138 13.9 129.7 194.5#





#50

Dimethylphthalate

Concen: 9.609 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

Instrument :

BNA_P

ClientSampleId :

TR-08-081420

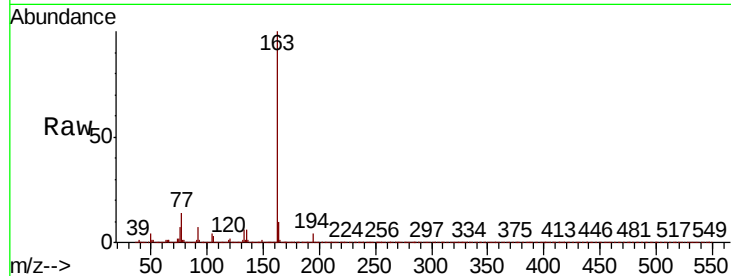
Tot Ion:163 Resp: 614282

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

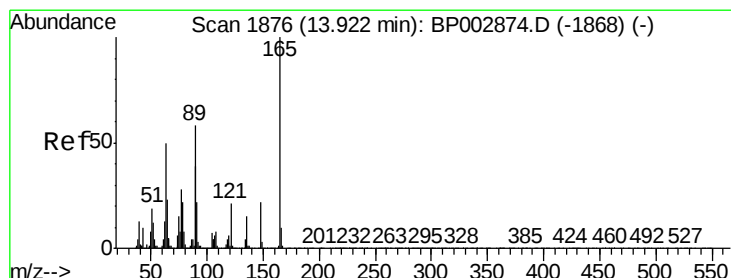
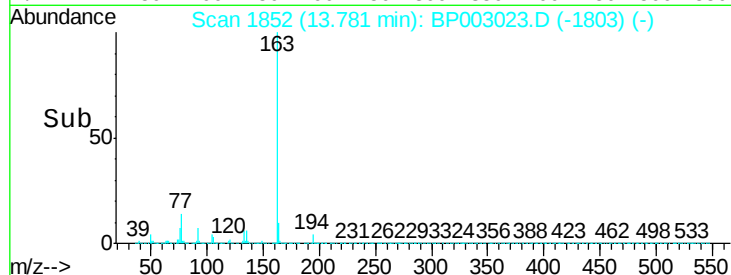
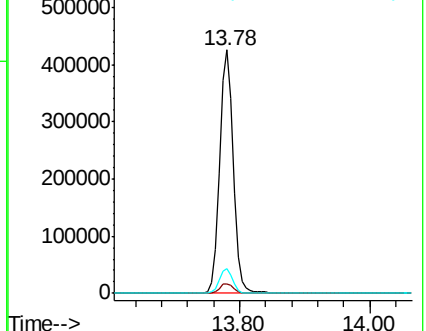
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 2.926 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

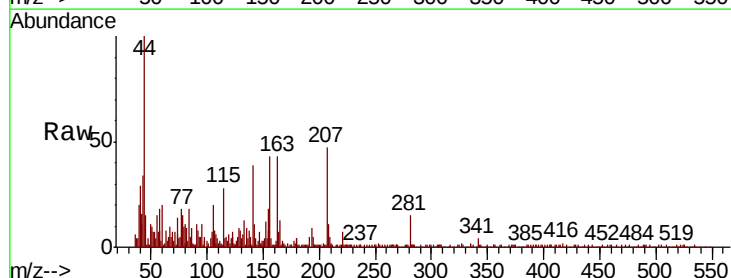
Tgt Ion:165 Resp: 401

Ion Ratio Lower Upper

165 100

63 66.5 28.1 42.1#

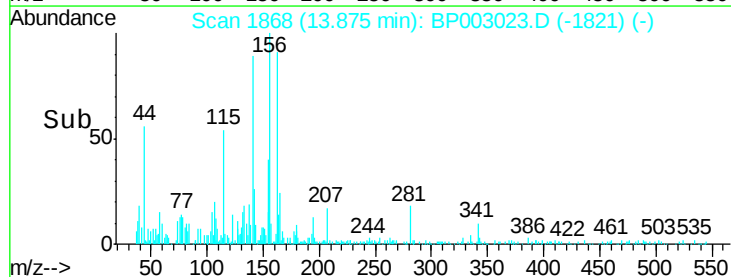
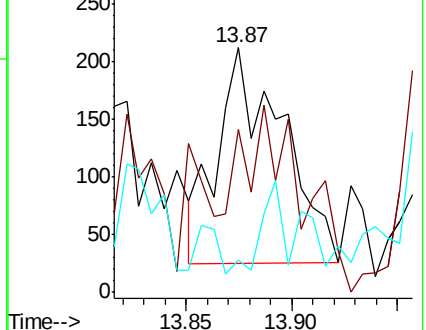
89 12.7 34.5 51.7#

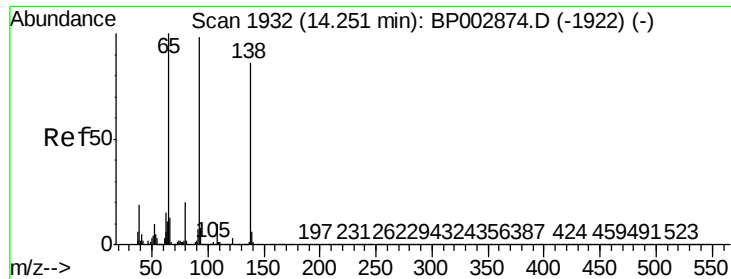


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





#53

3-Nitroaniline

Concen: 3.283 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.03 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

Instrument :

BNA_P

ClientSampleId :

TR-08-081420

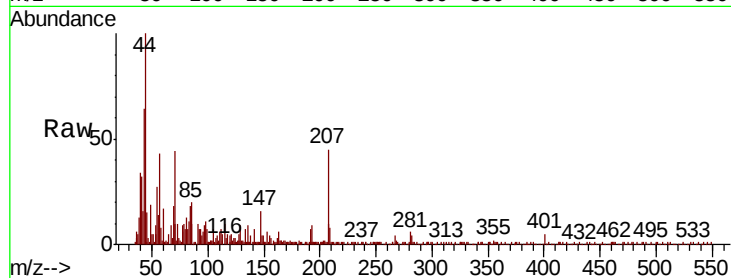
Tot Ion:138 Resp: 154

Ion Ratio Lower Upper

138 100

108 82.8 7.7 11.5#

92 136.8 75.6 113.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

12000

10000

8000

6000

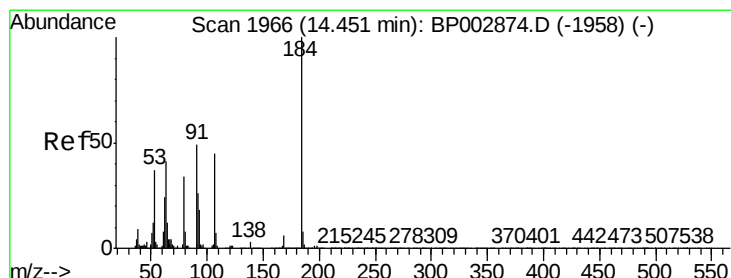
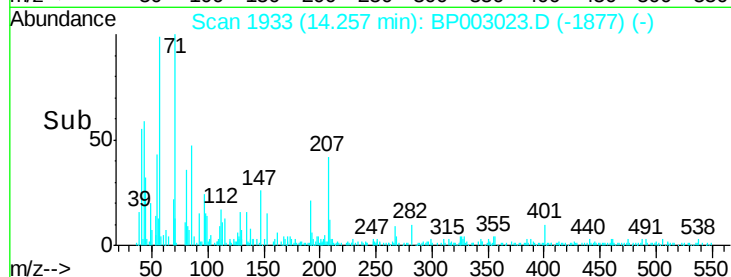
4000

2000

0

14.26

Time-->



#54

2,4-Dinitrophenol

Concen: 8.062 ng

RT: 14.43 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

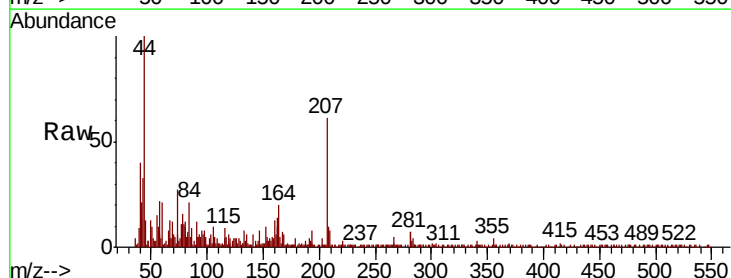
Tgt Ion:184 Resp: 33

Ion Ratio Lower Upper

184 100

63 148.1 33.0 49.6#

154 318.5 46.8 70.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

5000

4000

3000

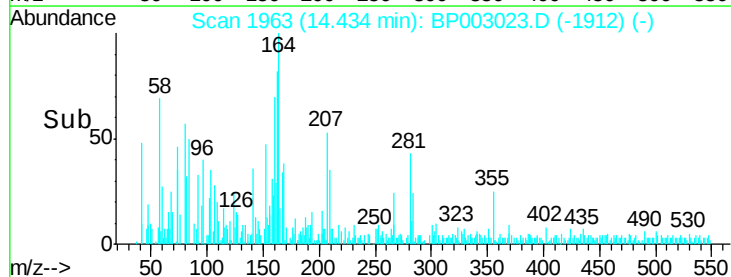
2000

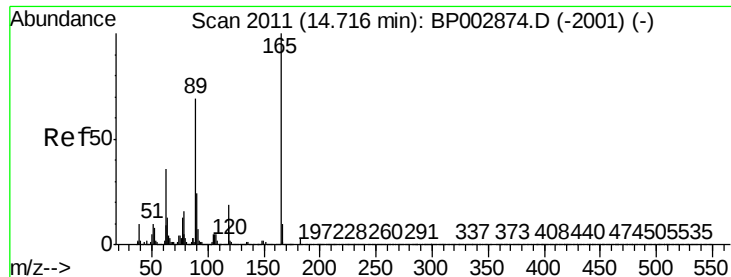
1000

0

14.43

Time-->

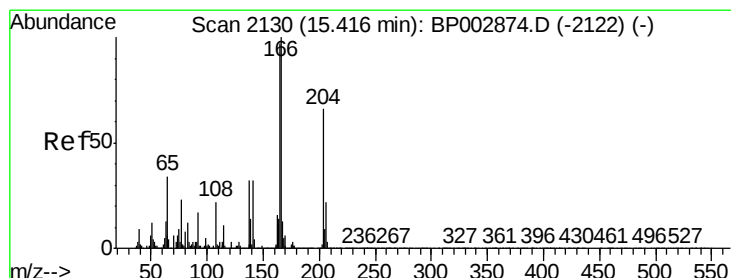
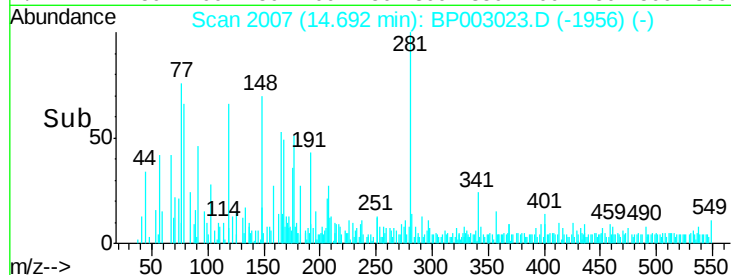
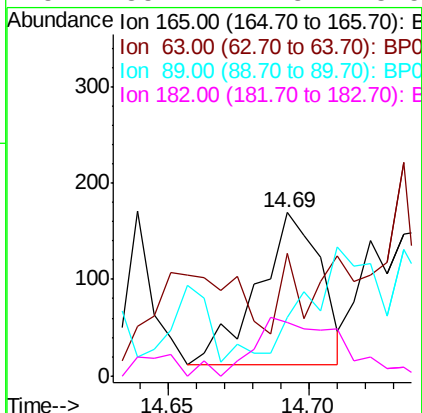
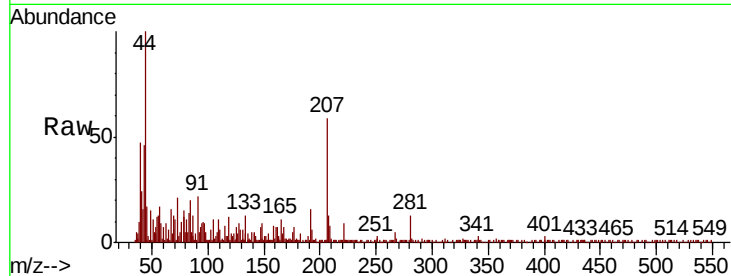




#57
2,4-Dinitrotoluene
Concen: 3.818 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

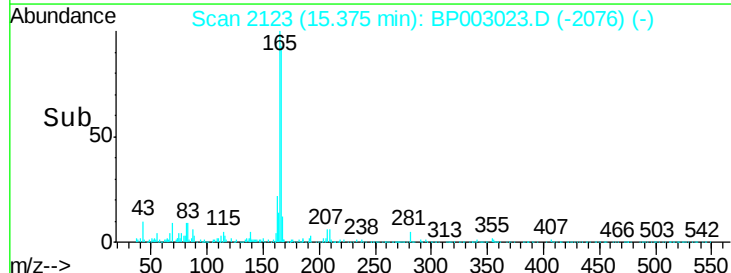
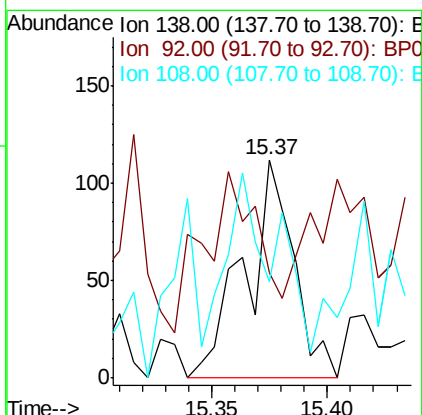
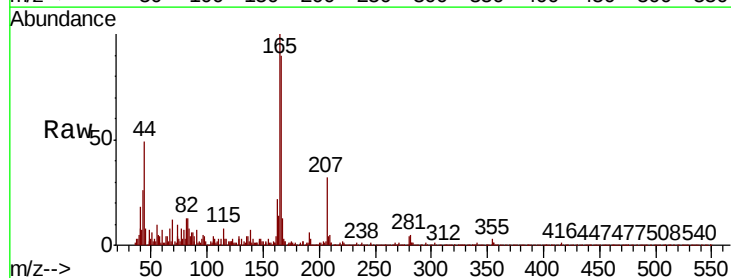
Instrument :
BNA_P
ClientSampleId :
TR-08-081420

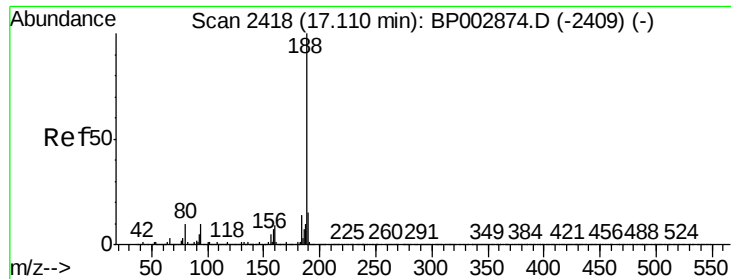
Tot	Ion:165	Resp:	243
Ion	Ratio	Lower	Upper
165	100		
63	75.1	20.6	31.0#
89	36.1	43.4	65.0#
182	33.1	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.426 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion	138	Resp: Lower	163 Upper
	Ratio		
138	100		
92	48.2	21.4	61.4
108	43.8	40.8	80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

Instrument :

BNA_P

ClientSampleId :

TR-08-081420

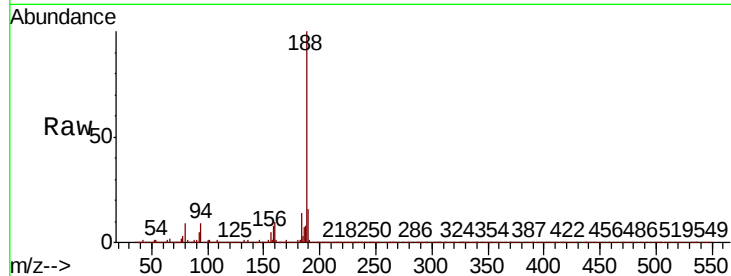
Tot Ion:188 Resp: 1674751

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

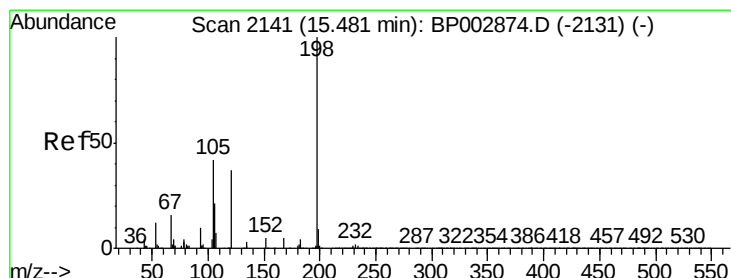
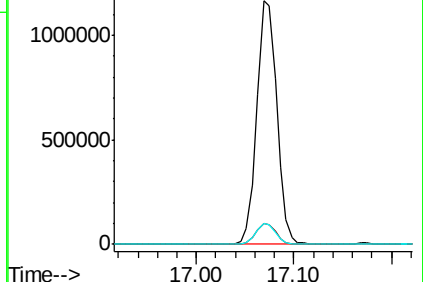
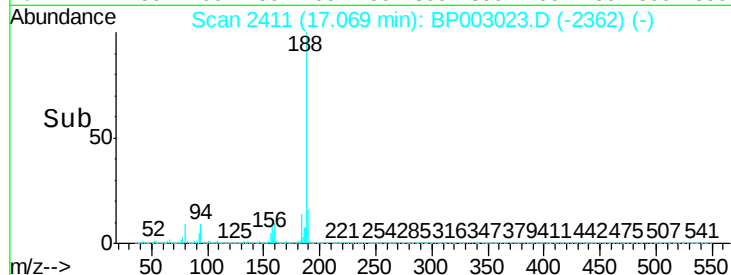
80 8.8 6.7 10.1



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: 6.903 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BP003023.D

Acq: 18 Aug 2020 18:31

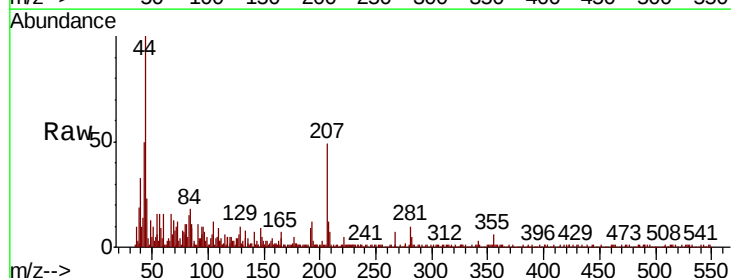
Tgt Ion:198 Resp: 33

Ion Ratio Lower Upper

198 100

51 922.2 6.2 46.2#

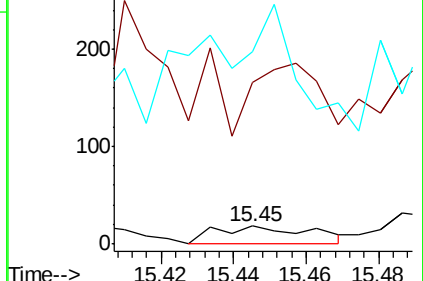
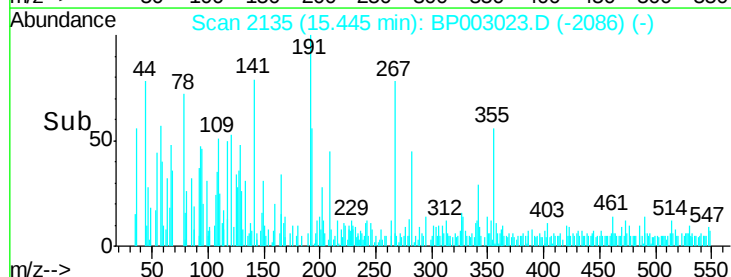
105 1100.0 19.9 59.9#

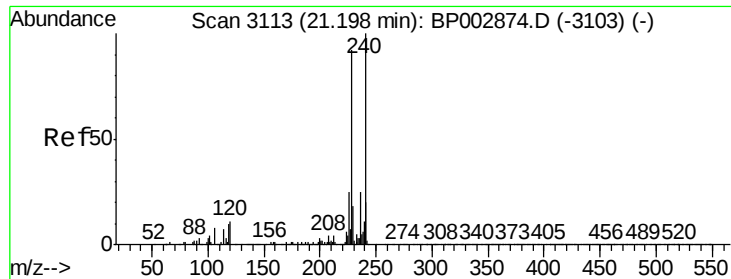


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

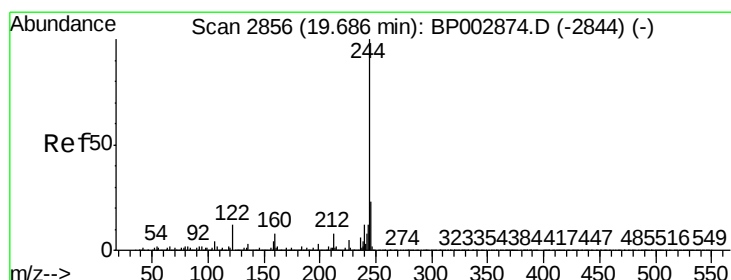
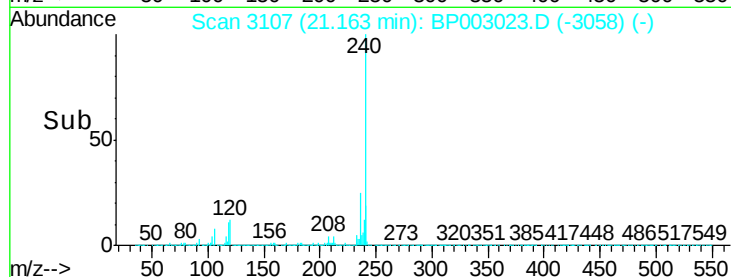
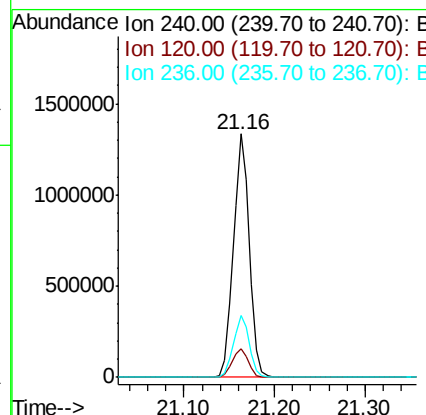
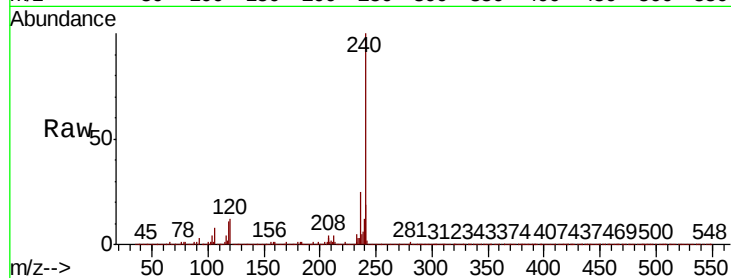




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

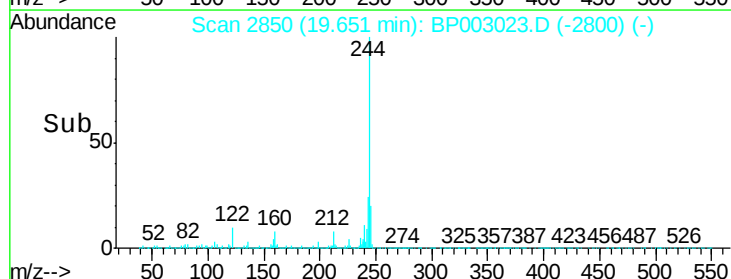
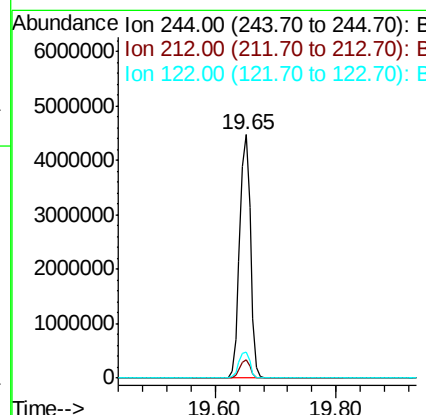
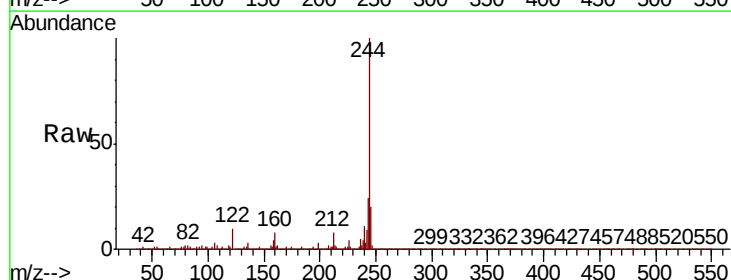
Instrument :
BNA_P
ClientSampleId :
TR-08-081420

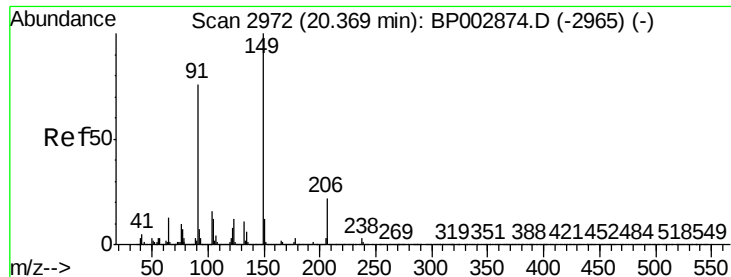
Tot Ion:240 Resp: 1618216
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 69.233 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion:244 Resp: 5596225
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 10.5 8.7 13.1

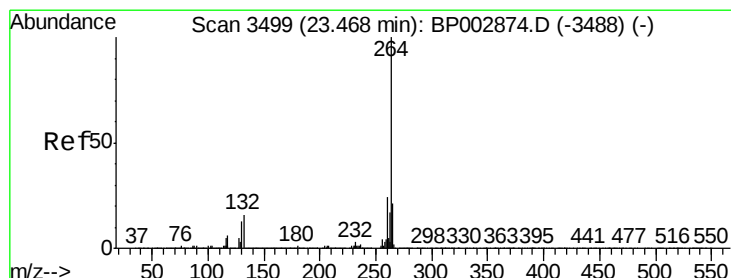
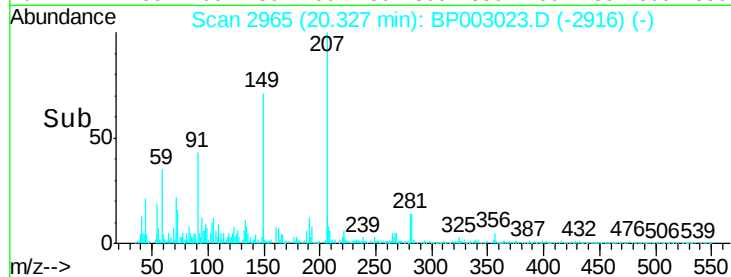
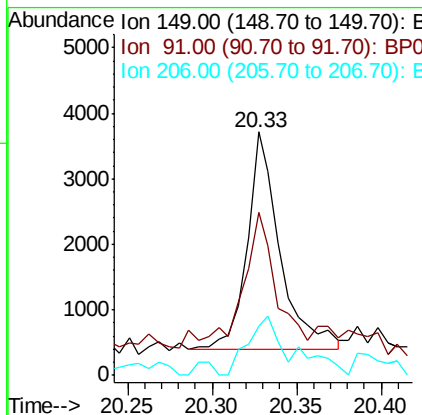
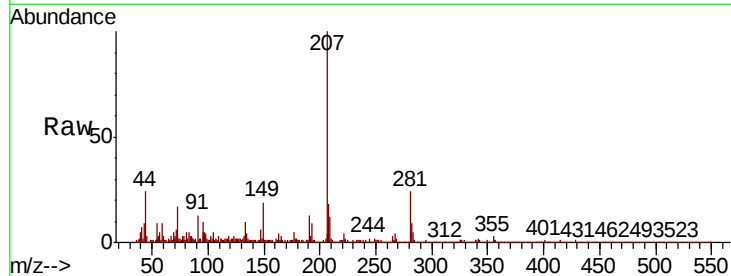




#80
Butylbenzylphthalate
Concen: 3.151 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Instrument :
BNA_P
ClientSampleId :
TR-08-081420

Tot Ion:149 Resp: 4554
Ion Ratio Lower Upper
149 100
91 66.8 45.3 67.9
206 20.3 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003023.D
Acq: 18 Aug 2020 18:31

Tgt Ion:264 Resp: 1630578
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.5 17.3 25.9

