

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003026.D
 Acq On : 18 Aug 2020 20:14
 Operator : CG/JU
 Sample : L3700-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-02-081420-SO-N

Quant Time: Aug 19 00:57:34 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	262666	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1068585	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	629430	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1373844	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1541689	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1694483	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	781971	45.56	ng	0.00
7) Phenol-d6	6.86	99	561048	23.55	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1206413	61.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	872219	111.49	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3195057	69.35	ng	0.00
79) Terphenyl-d14	19.65	244	4556902	59.17	ng	0.00

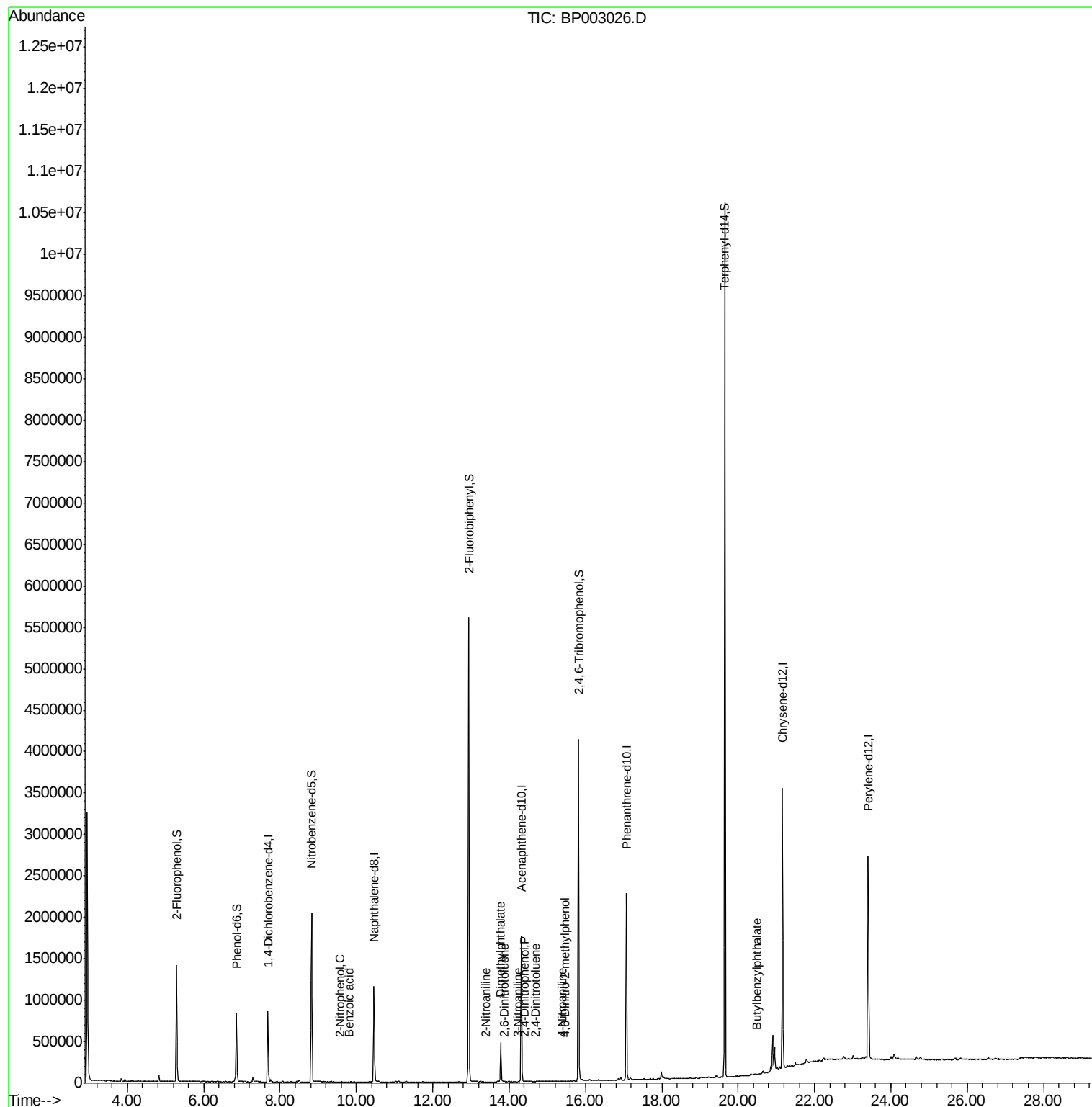
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	16	4.522	ng	# 1
32) Benzoic acid	9.82	122	101	7.695	ng	# 6
48) 2-Nitroaniline	13.40	65	23	3.974	ng	# 25
50) Dimethylphthalate	13.78	163	358269	7.278	ng	99
51) 2,6-Dinitrotoluene	13.89	165	1031	2.987	ng	# 53
53) 3-Nitroaniline	14.24	138	60	3.278	ng	# 29
54) 2,4-Dinitrophenol	14.42	184	22	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	255	3.822	ng	# 40
62) 4-Nitroaniline	15.39	138	74	2.422	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	9	6.901	ng	# 1
80) Butylbenzylphthalate	20.49	149	154	3.061	ng	98

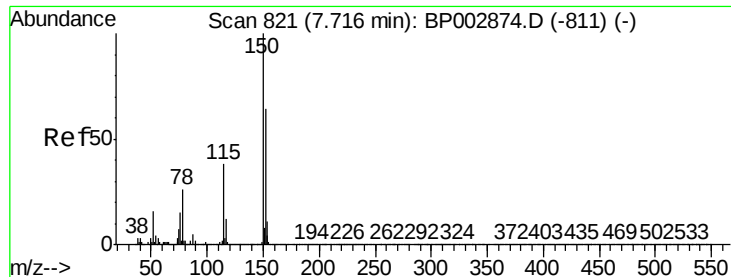
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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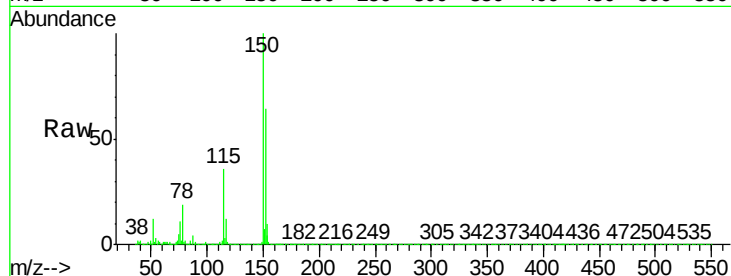


#1

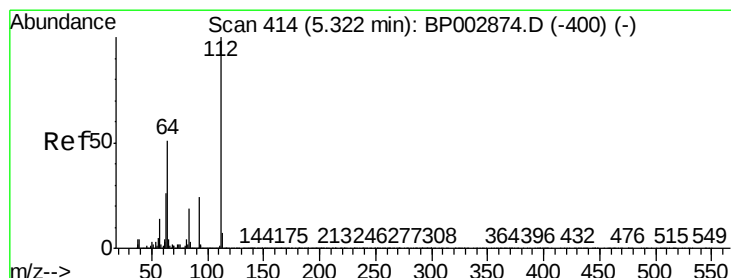
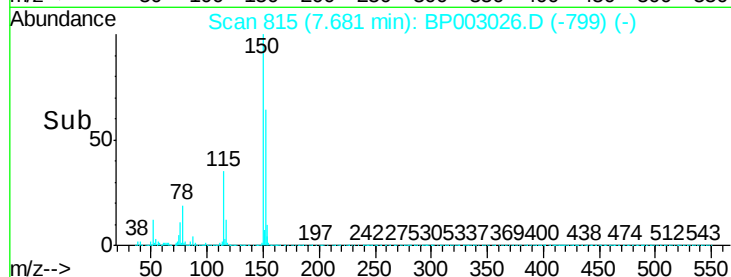
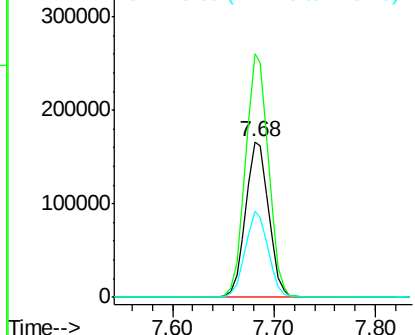
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Instrument :
BNA_P
ClientSampleId :
EB-02-081420-SO-N

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	55.5	43.4	65.2



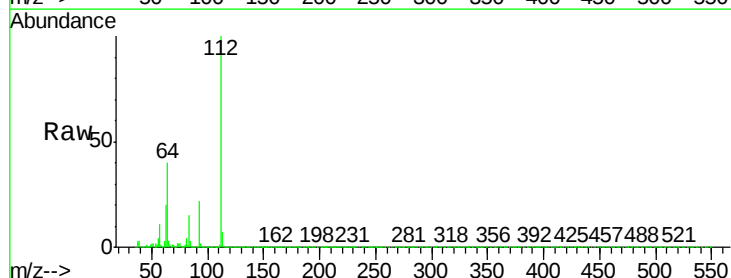
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



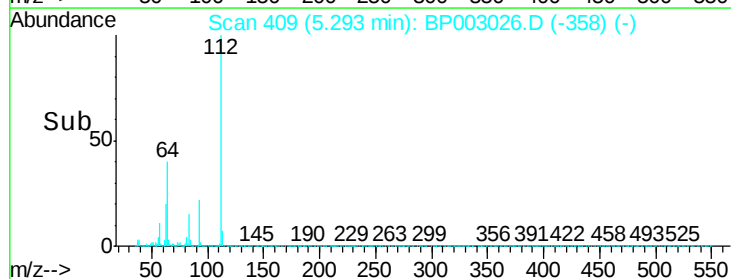
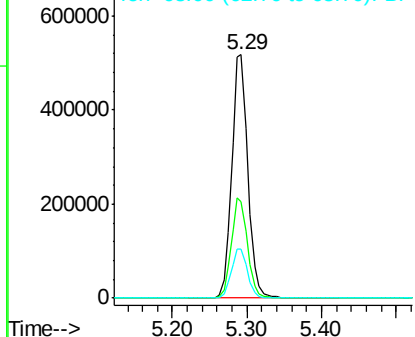
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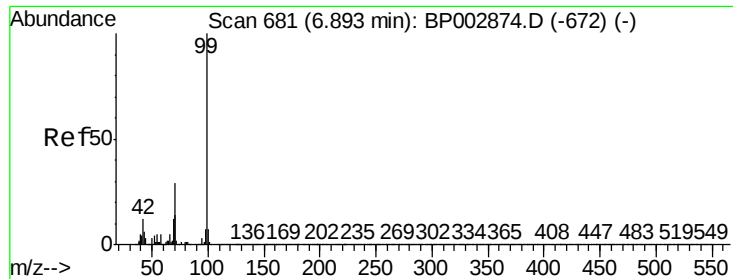
2-Fluorophenol
Concen: 45.564 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.7	33.4	50.2
63	20.3	17.4	26.0



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: 23.546 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Instrument :

BNA_P

ClientSampleId :

EB-02-081420-SO-N

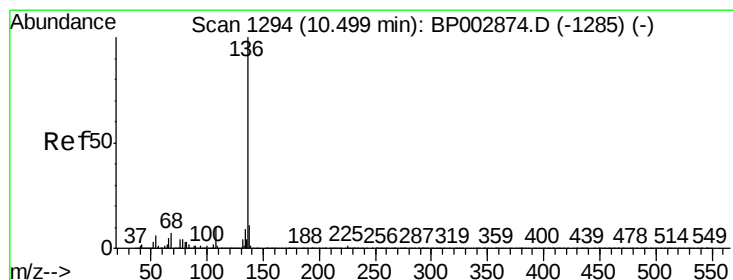
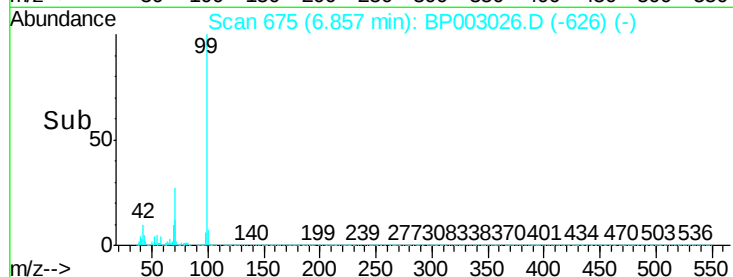
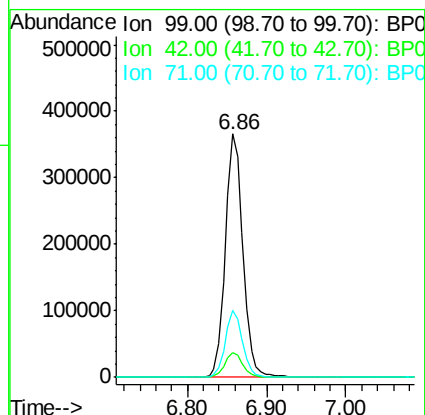
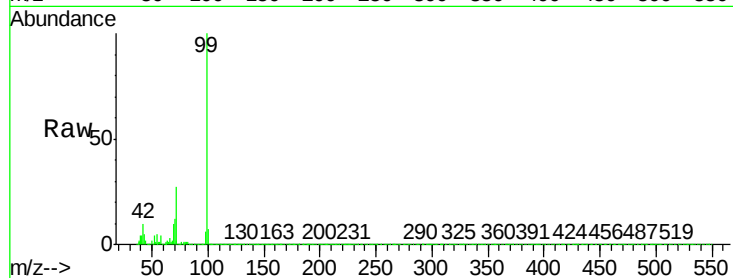
Tot Ion: 99 Resp: 561048

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

71 27.3 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Tgt Ion: 136 Resp: 1068585

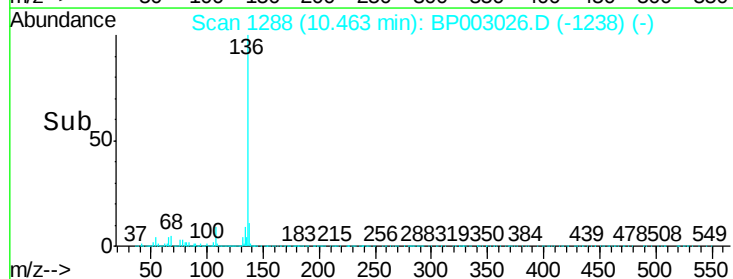
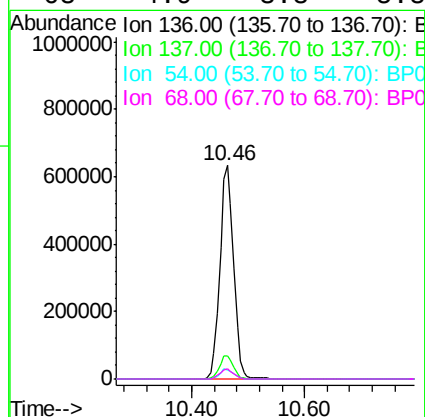
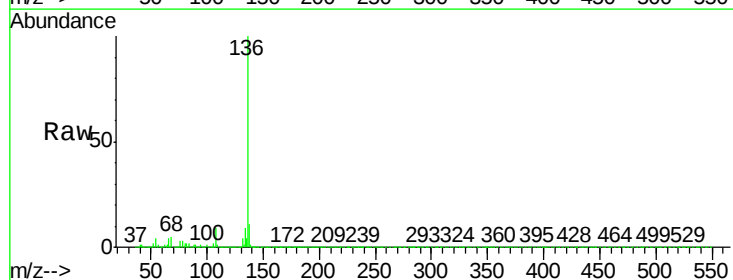
Ion Ratio Lower Upper

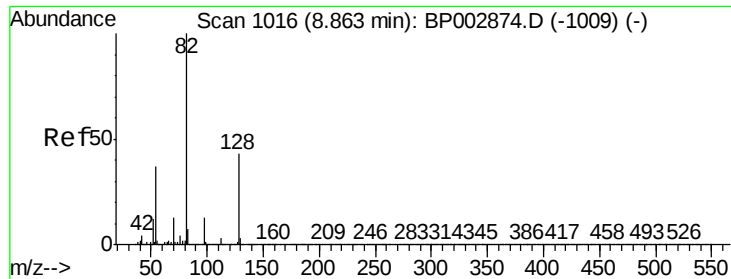
136 100

137 10.9 8.8 13.2

54 4.4 3.8 5.8

68 4.9 3.8 5.8

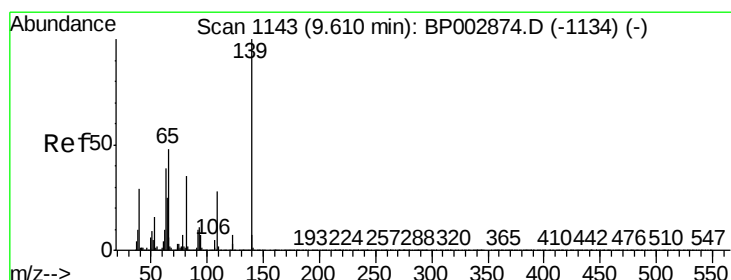
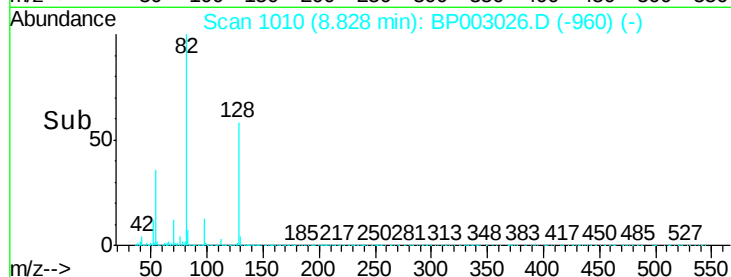
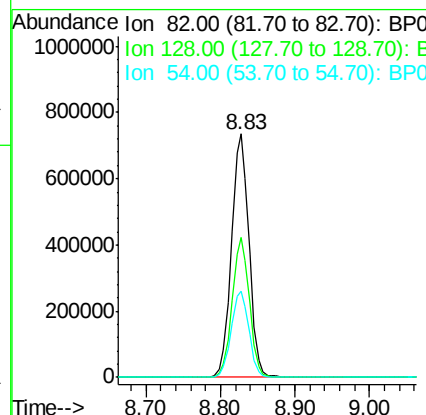
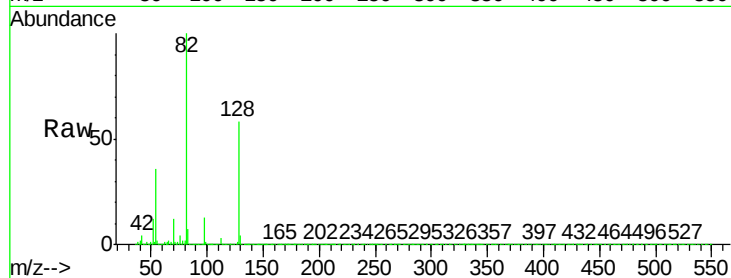




#23
Nitrobenzene-d5
Concen: 61.148 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

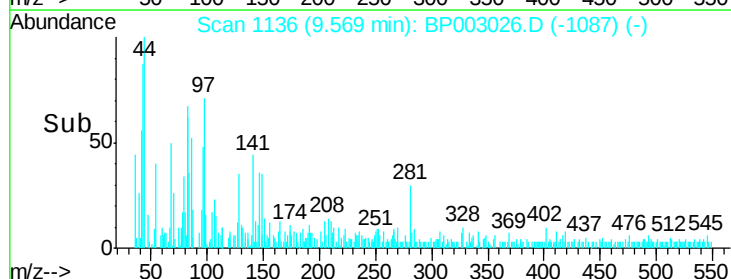
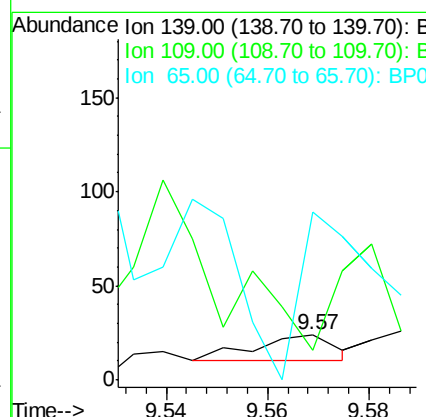
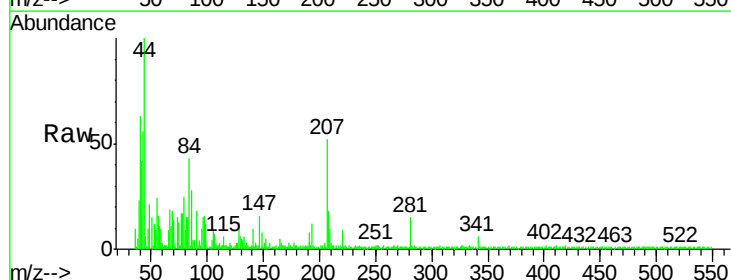
Instrument :
BNA_P
ClientSampleId :
EB-02-081420-SO-N

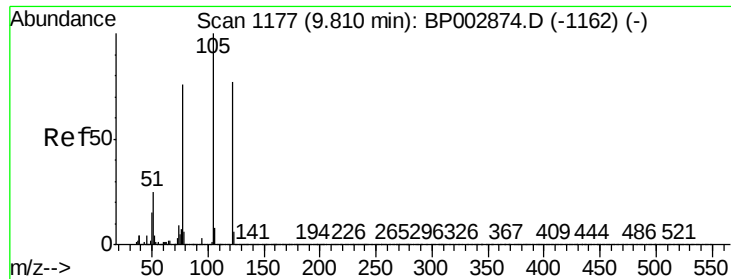
Tot Ion: 82 Resp: 1206413
Ion Ratio Lower Upper
82 100
128 57.7 45.1 67.7
54 35.5 28.8 43.2



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 82.5 21.0 31.6#
65 252.5 27.2 40.8#

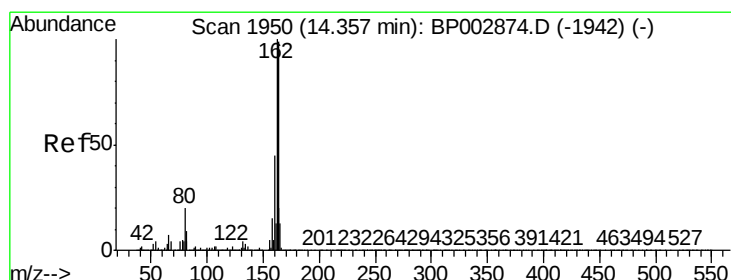
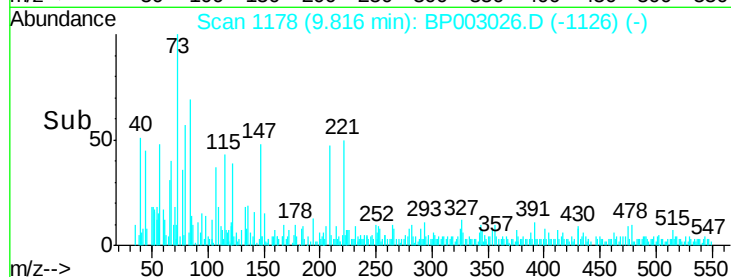
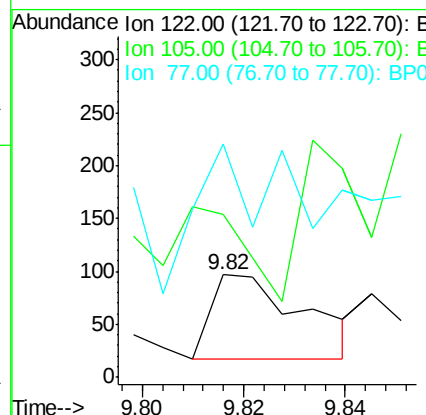
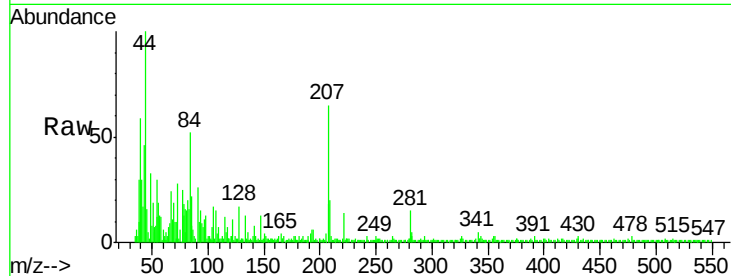




#32
Benzoic acid
Concen: 7.695 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

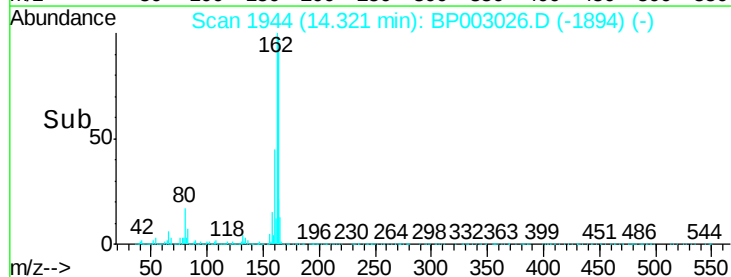
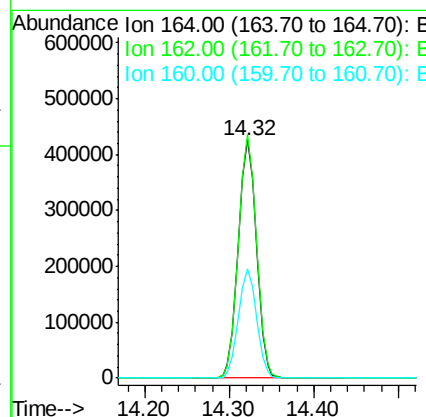
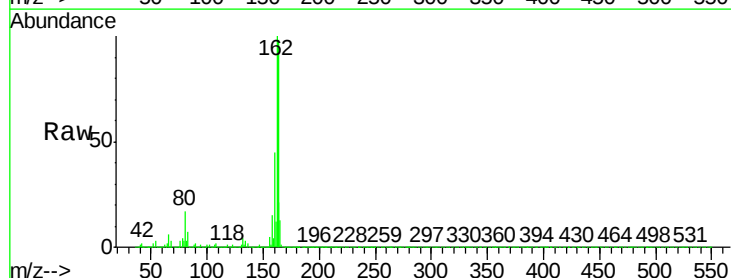
Instrument :
BNA_P
ClientSampleId :
EB-02-081420-SO-N

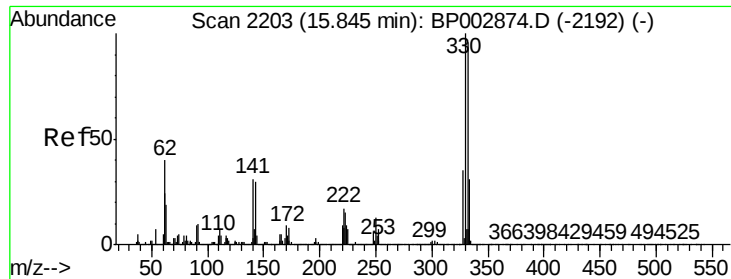
Tot Ion	Ratio	Lower	Upper
122	100		
105	158.8	96.2	136.2#
77	227.8	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.0
160	45.7	35.5	53.3

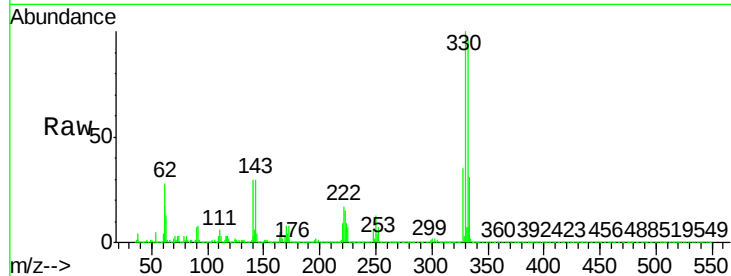




#42
 2,4,6-Tribromophenol
 Concen: 111.493 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003026.D
 Acq: 18 Aug 2020 20:14

Instrument :
 BNA_P
 ClientSampleId :
 EB-02-081420-SO-N

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.2	26.7	40.1

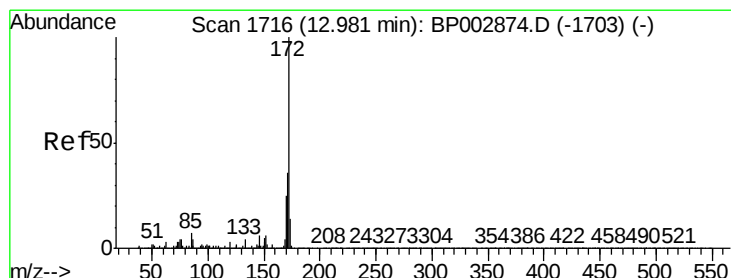
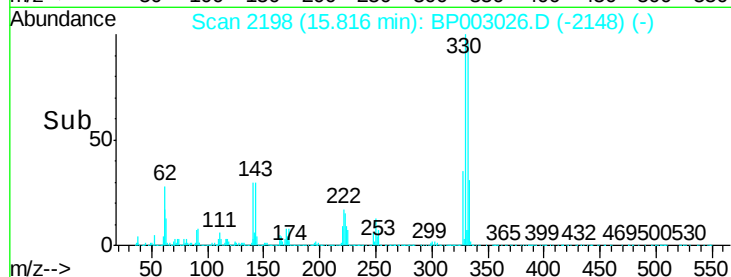
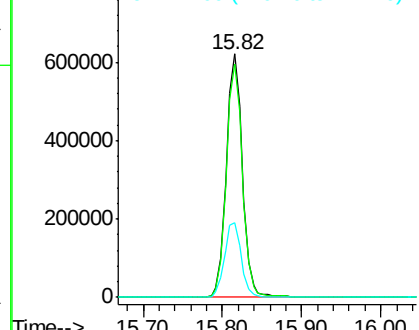


Abundance

Ion 329.80 (329.50 to 330.50): E

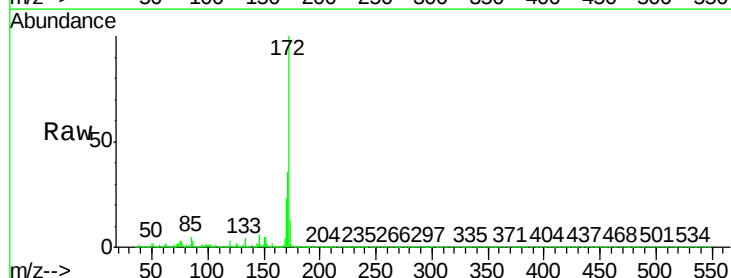
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.355 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003026.D
 Acq: 18 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.4	19.1	28.7

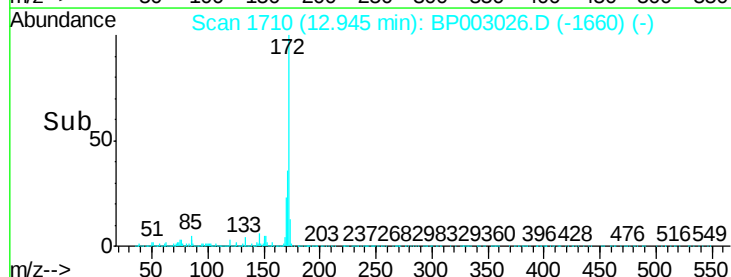
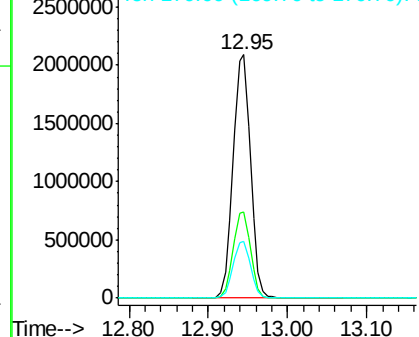


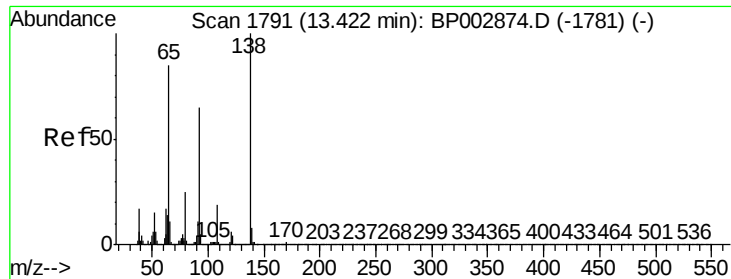
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

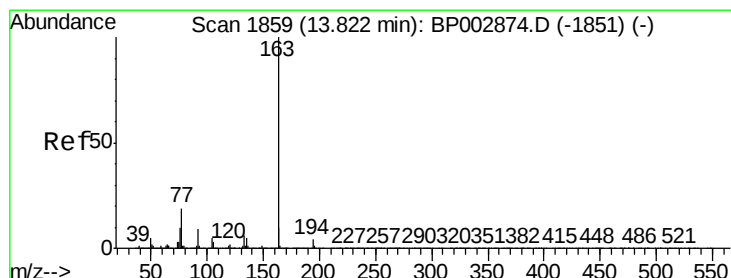
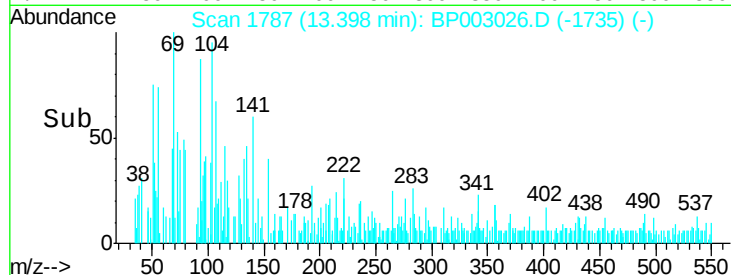
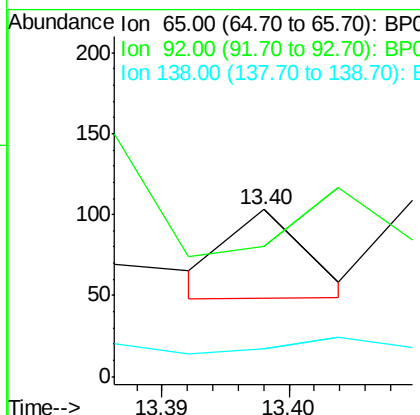
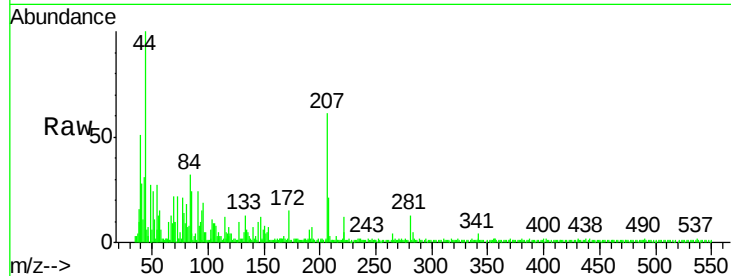




#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.40 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

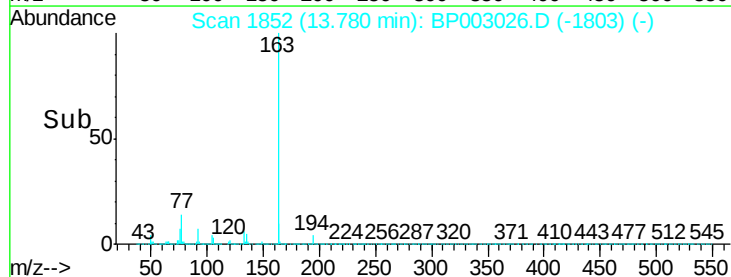
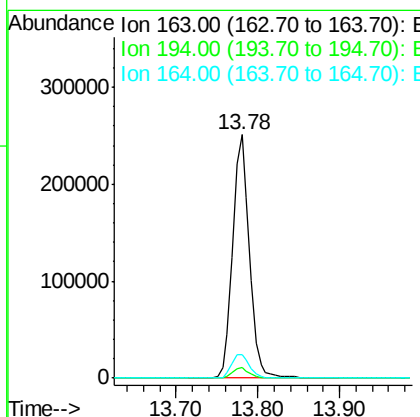
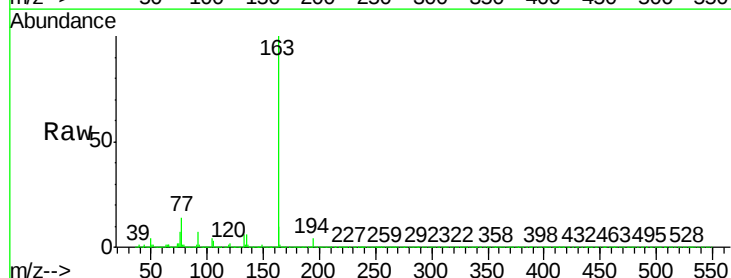
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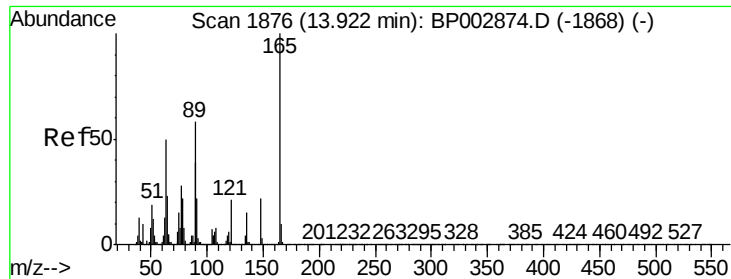
Tot Ion: 65 Resp: 23
Ion Ratio Lower Upper
65 100
92 77.7 70.1 105.1
138 16.5 129.7 194.5#



#50
Dimethylphthalate
Concen: 7.278 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion: 163 Resp: 358269
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.1 12.1

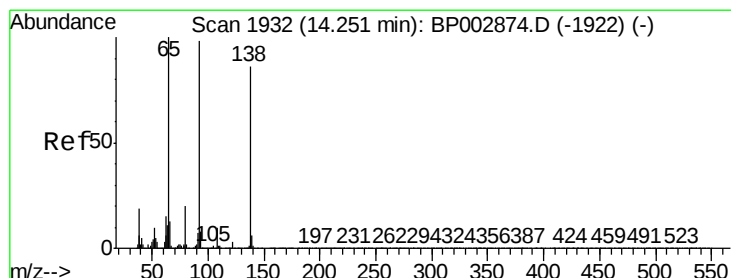
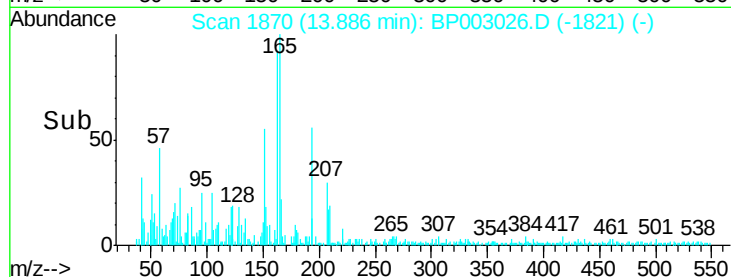
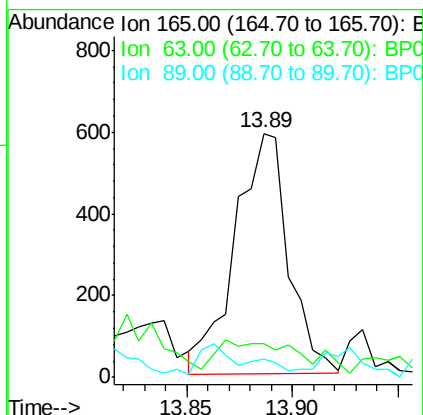
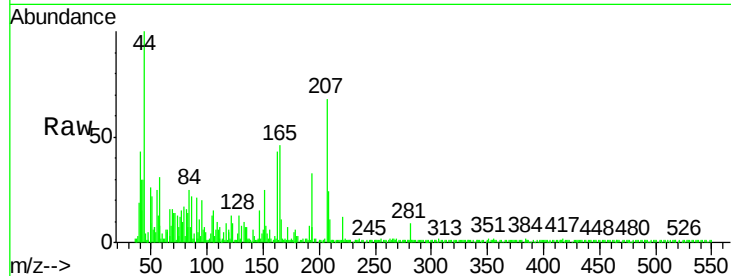




#51
2,6-Dinitrotoluene
Concen: 2.987 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

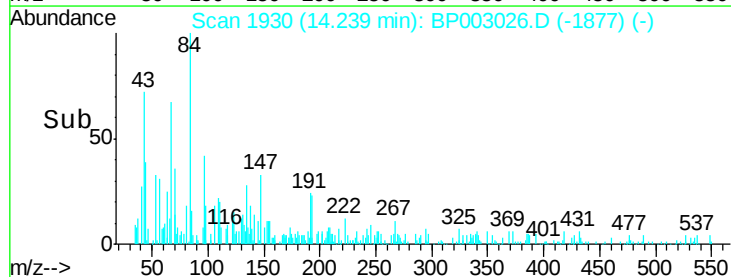
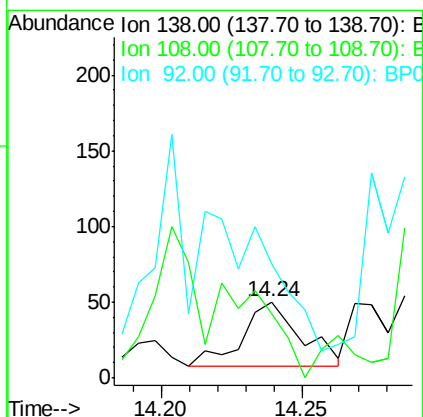
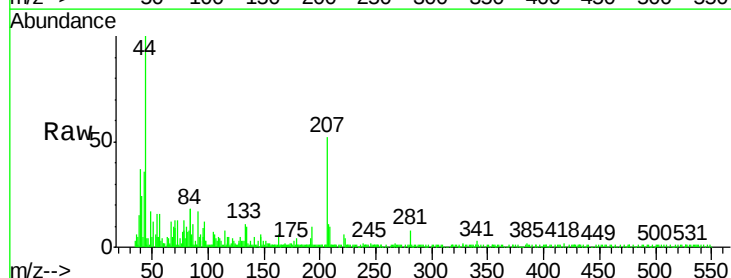
Instrument :
BNA_P
ClientSampleId :
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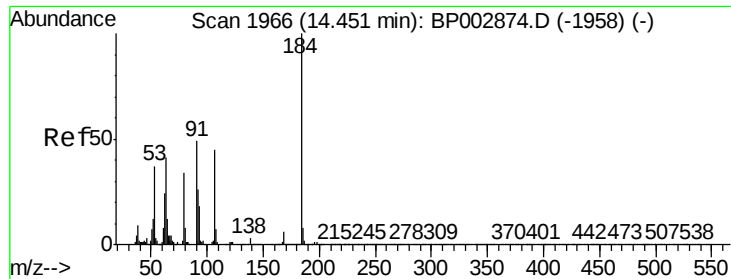
Tot Ion	Ratio	Lower	Upper
165	100		
63	13.9	28.1	42.1#
89	7.7	34.5	51.7#



#53
3-Nitroaniline
Concen: 3.278 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	84.0	7.7	11.5#
92	150.0	75.6	113.4#

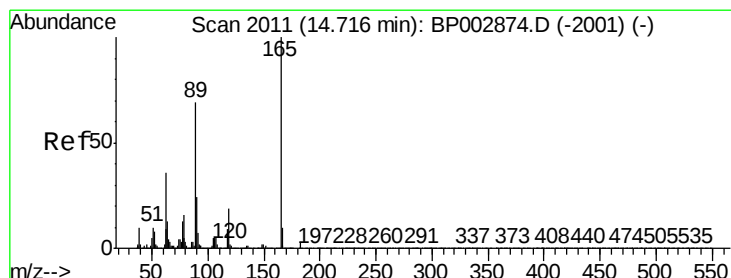
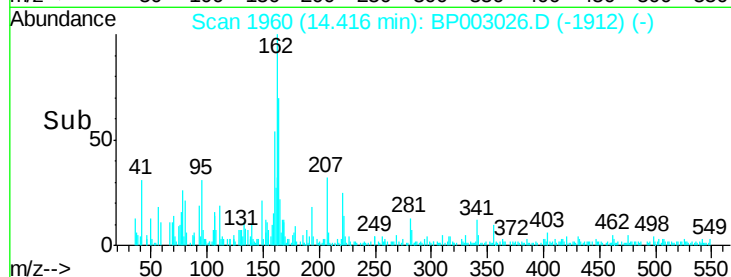
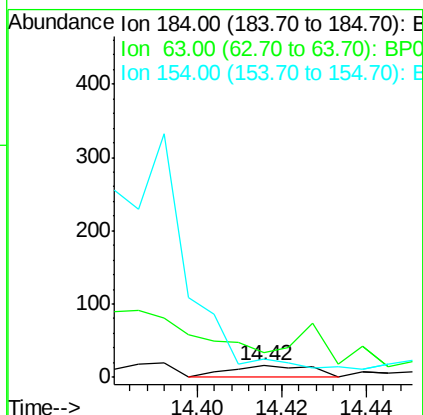
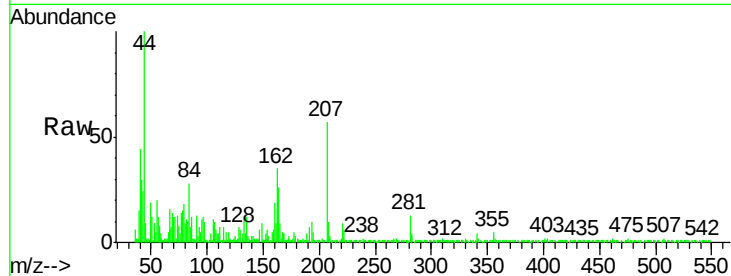




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

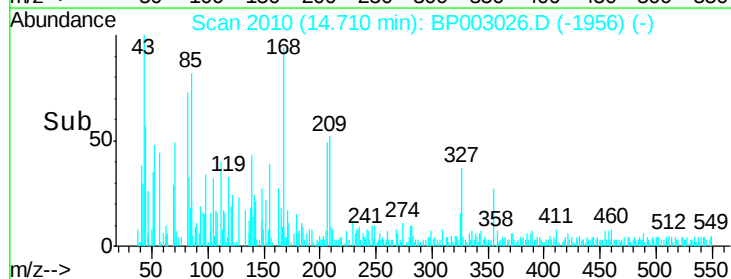
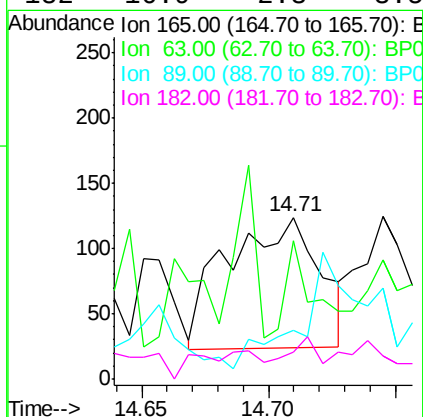
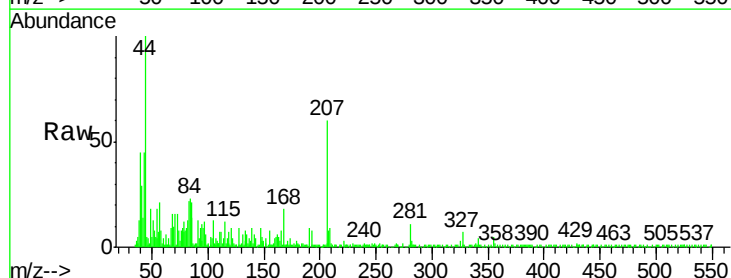
Instrument :
BNA_P
ClientSampleId :
EB-02-081420-SO-N

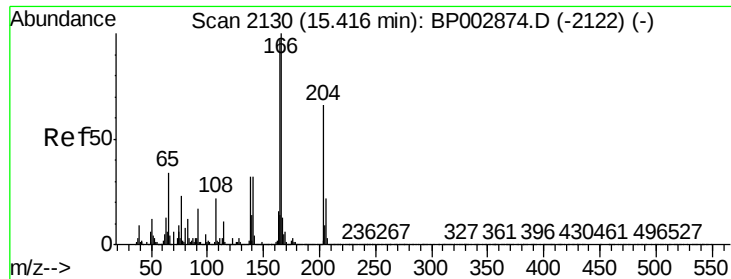
Tot Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 206.3 33.0 49.6#
154 156.3 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 3.822 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Tgt Ion:165 Resp: 255
Ion Ratio Lower Upper
165 100
63 85.5 20.6 31.0#
89 29.8 43.4 65.0#
182 16.9 2.3 3.5#





#62

4-Nitroaniline

Concen: 2.422 ng

RT: 15.39 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Instrument :

BNA_P

ClientSampleId :

EB-02-081420-SO-N

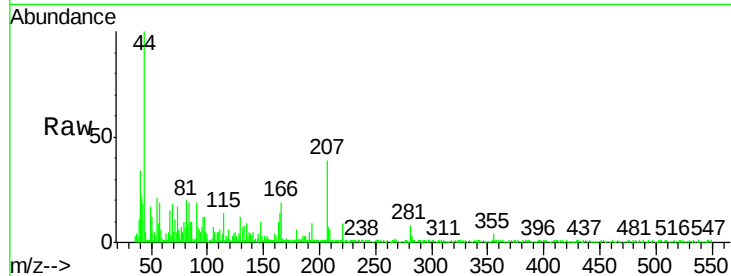
Tot Ion:138 Resp: 74

Ion Ratio Lower Upper

138 100

92 184.5 21.4 61.4#

108 32.4 40.8 80.8#



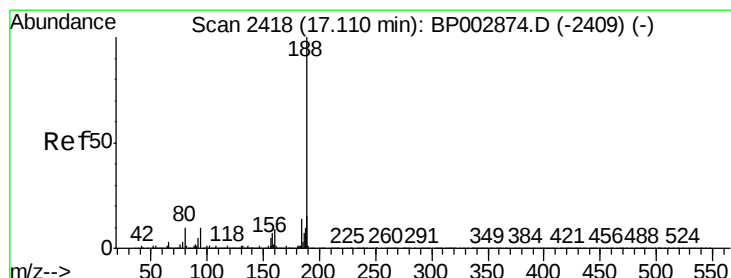
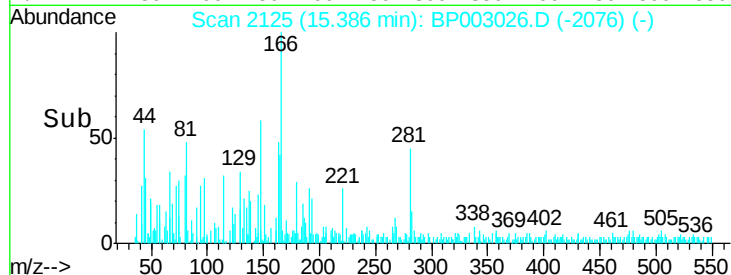
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

15.39

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

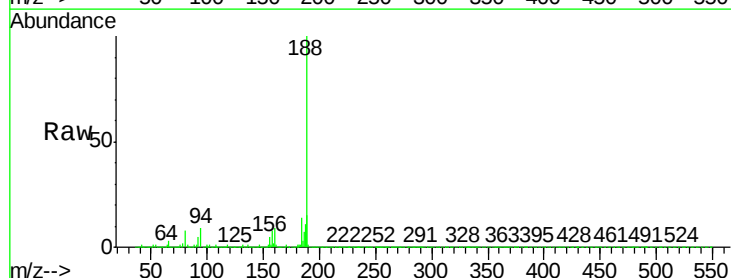
Tgt Ion:188 Resp: 1373844

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

80 8.4 6.7 10.1



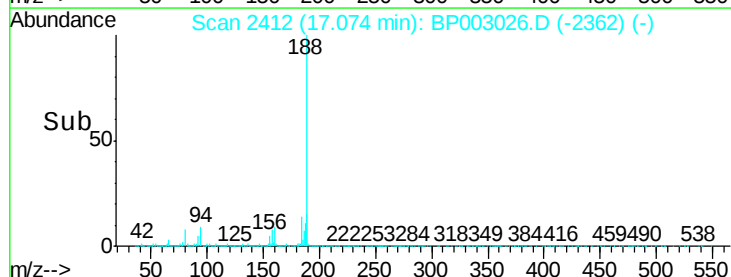
Abundance Ion 188.00 (187.70 to 188.70): E

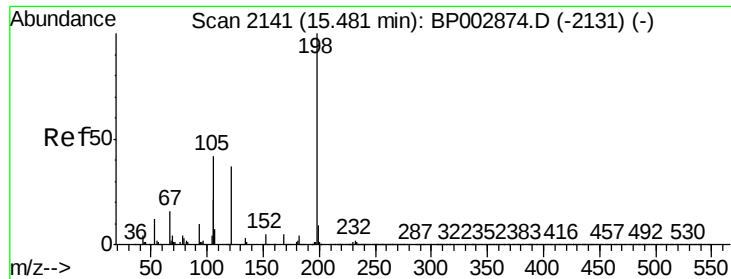
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

17.07

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 6.901 ng

RT: 15.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Instrument :

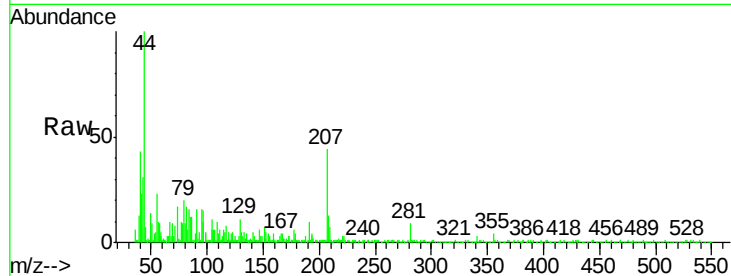
BNA_P

ClientSampleId :

EB-02-081420-SO-N

Tot Ion:198 Resp: 9

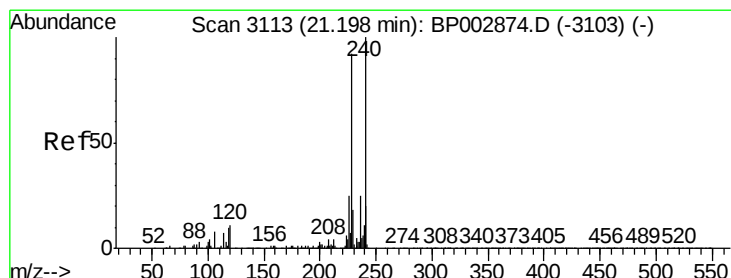
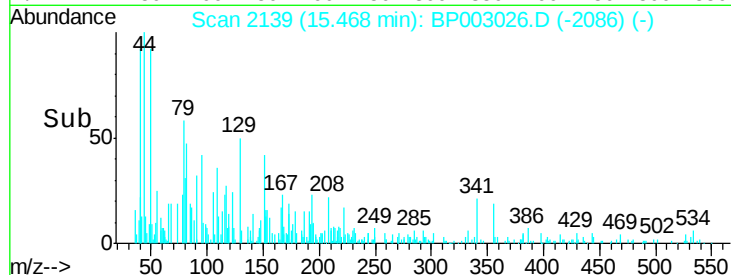
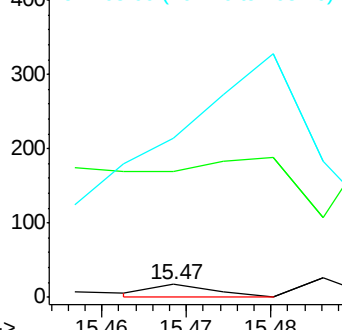
Ion	Ratio	Lower	Upper
198	100		
51	994.1	6.2	46.2#
105	1258.8	19.9	59.9#



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

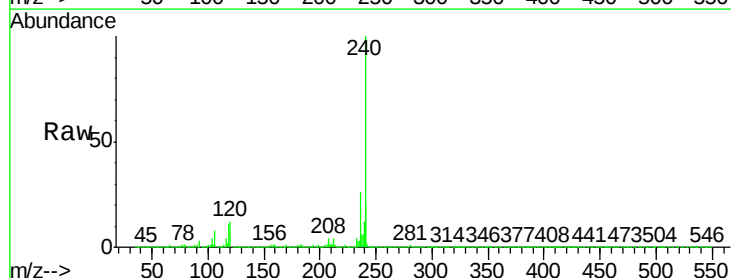
Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Tgt Ion:240 Resp: 1541689

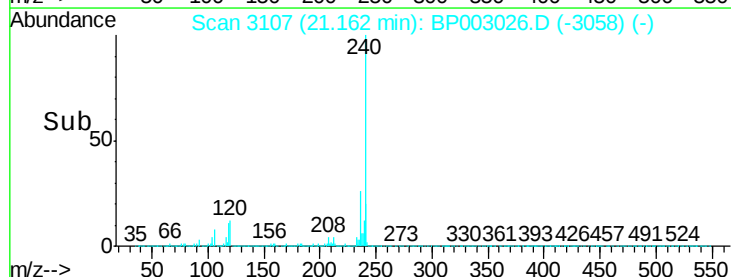
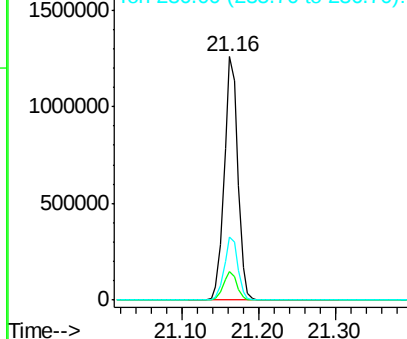
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.9	20.8	31.2

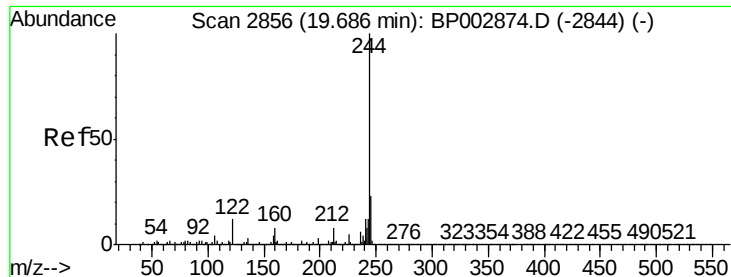


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.174 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

Instrument :

BNA_P

ClientSampleId :

EB-02-081420-SO-N

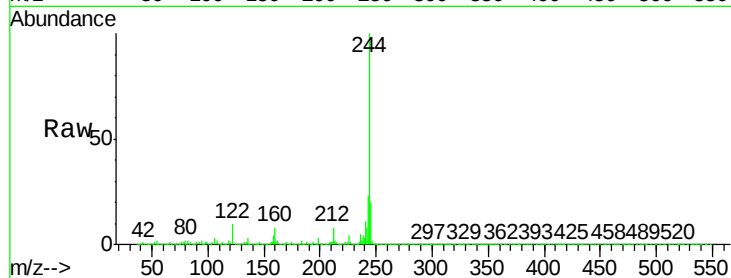
Tot Ion:244 Resp: 4556902

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

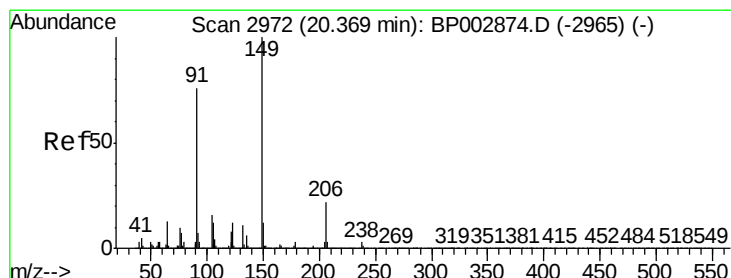
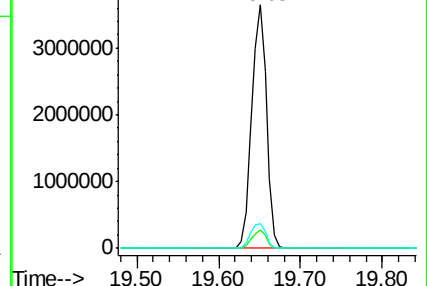
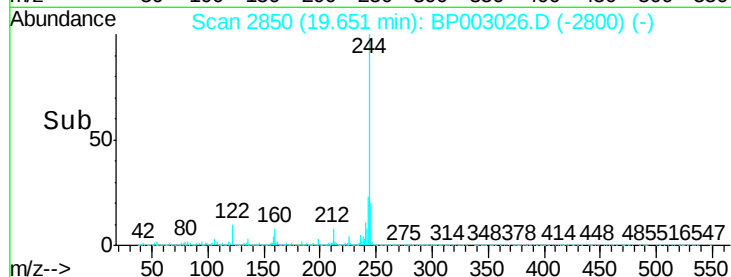
122 10.3 8.7 13.1



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: 3.061 ng

RT: 20.49 min Scan# 2993

Delta R.T. 0.15 min

Lab File: BP003026.D

Acq: 18 Aug 2020 20:14

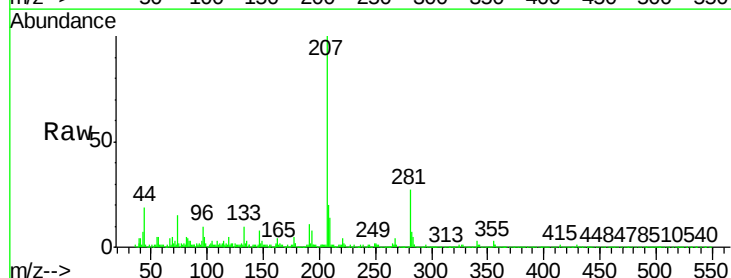
Tgt Ion:149 Resp: 154

Ion Ratio Lower Upper

149 100

91 56.0 45.3 67.9

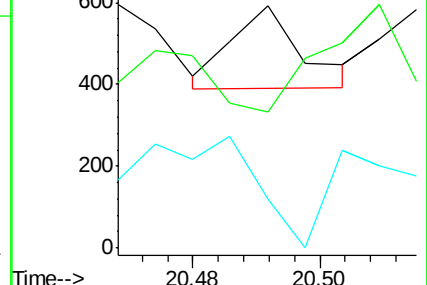
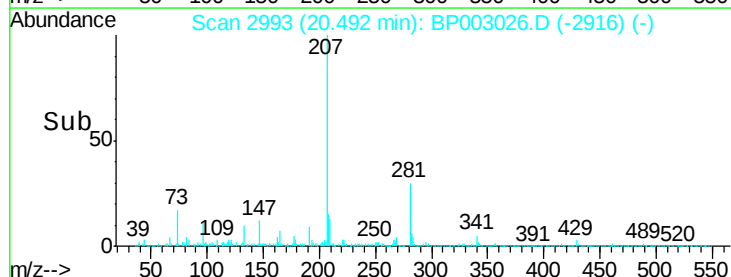
206 20.1 17.5 26.3

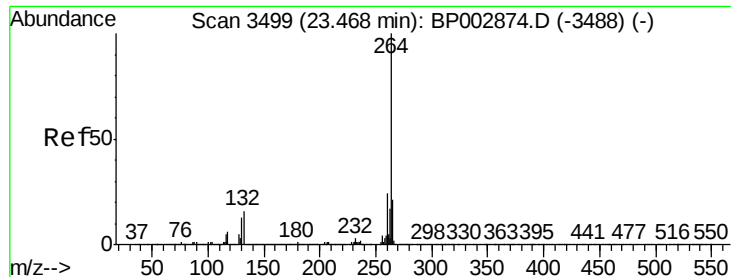


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003026.D
Acq: 18 Aug 2020 20:14

Instrument :
BNA_P
ClientSampleId :
EB-02-081420-SO-N

Tot Ion:264 Resp: 1694483

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.3	25.9

