

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002860.D
 Acq On : 24 Jul 2020 18:49
 Operator : CG/JU
 Sample : L3382-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-011

Quant Time: Jul 24 23:57:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

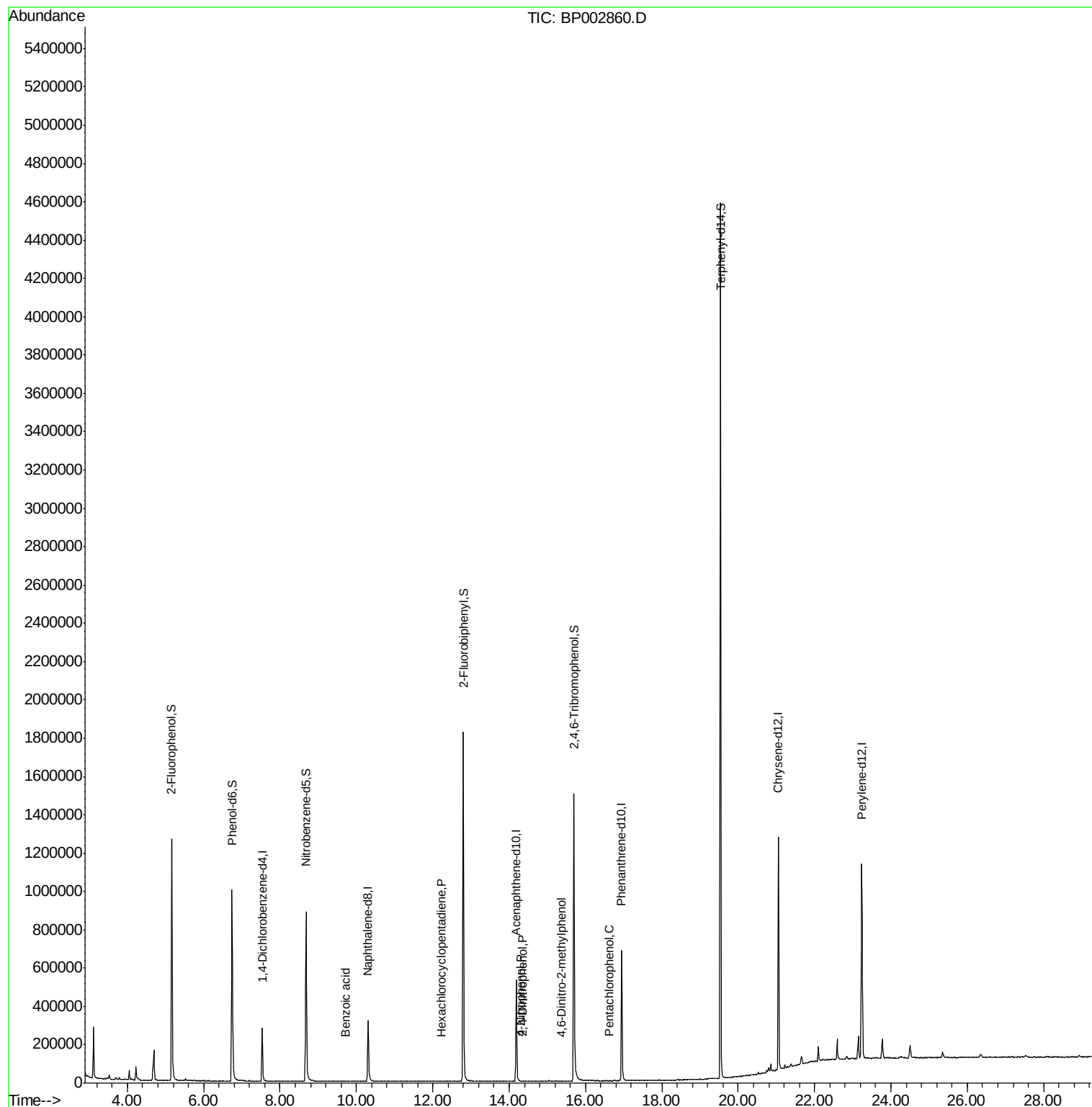
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	76334	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	303027	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	190778	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	450060	20.00	ng	0.00
76) Chrysene-d12	21.06	240	605712	20.00	ng	0.00
86) Perylene-d12	23.23	264	704752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	608088	134.40	ng	0.00
7) Phenol-d6	6.74	99	679477	105.23	ng	0.00
23) Nitrobenzene-d5	8.68	82	569027	100.43	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	315972	158.67	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1037692	84.14	ng	0.00
79) Terphenyl-d14	19.53	244	1987506	75.23	ng	0.00
Target Compounds						
32) Benzoic acid	9.71	122	17	7.066	ng	# 1
41) Hexachlorocyclopentadiene	12.22	237	10	7.438	ng	# 80
54) 2,4-Dinitrophenol	14.35	184	11	11.379	ng	# 1
56) 4-Nitrophenol	14.31	139	23	4.980	ng	# 90
65) 4,6-Dinitro-2-methylphenol	15.37	198	30	5.276	ng	# 1
70) Pentachlorophenol	16.62	266	21	7.449	ng	# 62

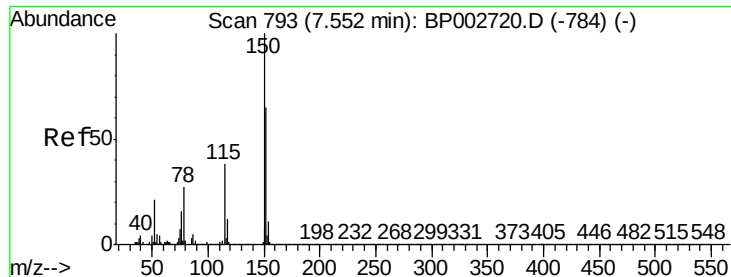
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 23:57:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 15:50:46 2020
Response via : Initial Calibration



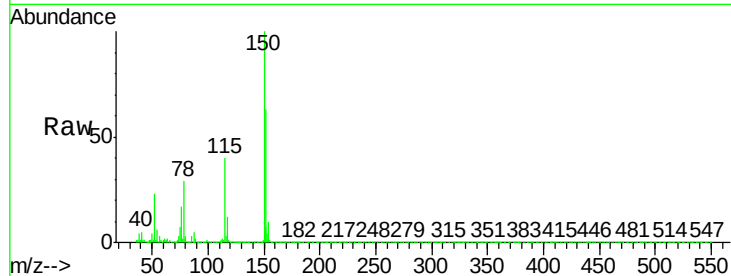


#1

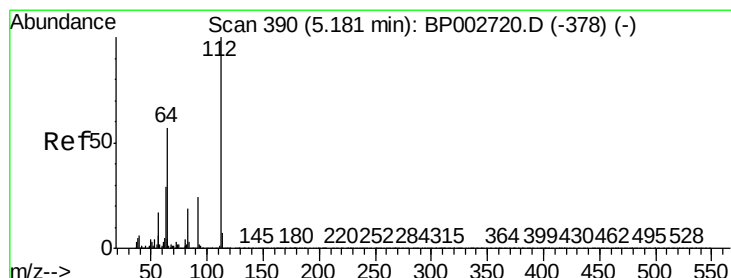
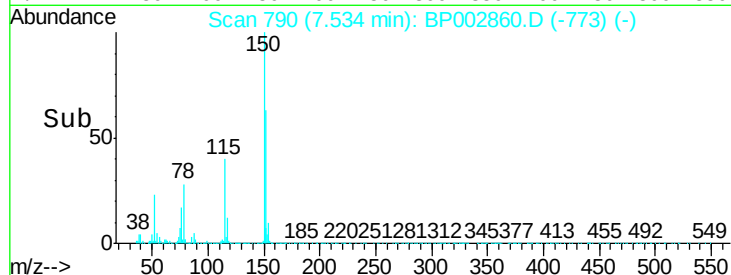
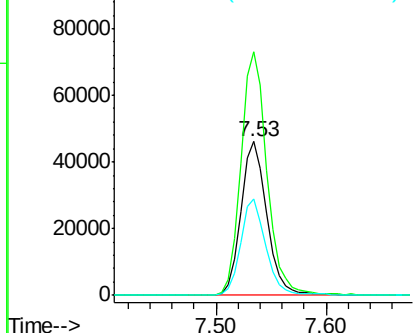
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_P
ClientSampled :
CTR-011

Tot Ion	152	Resp	76334
Ion Ratio	Lower	Upper	
152	100		
150	158.5	122.5	183.7
115	62.9	48.5	72.7



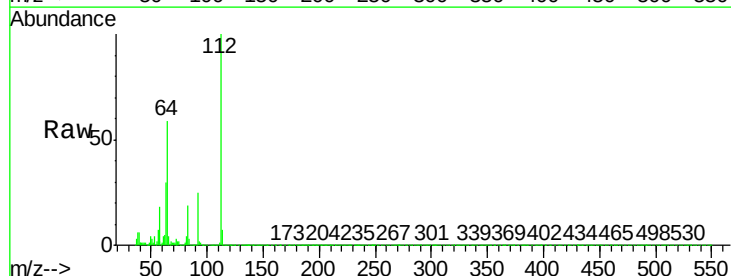
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



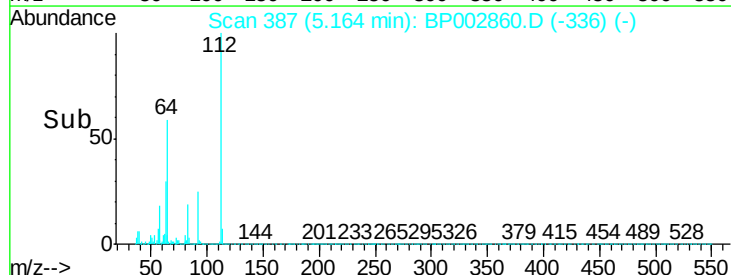
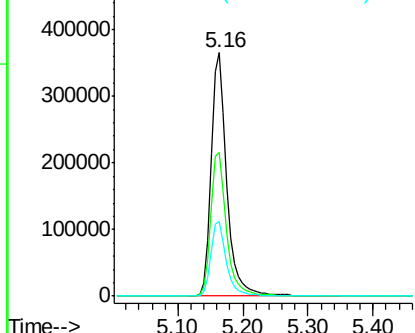
#5

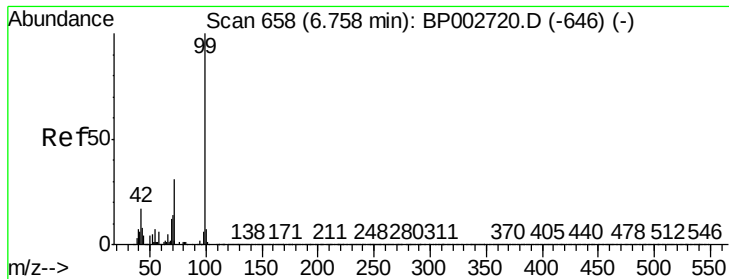
2-Fluorophenol
Concen: 134.404 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Tgt Ion	112	Resp	608088
Ion Ratio	Lower	Upper	
112	100		
64	59.1	48.1	72.1
63	30.4	24.9	37.3



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: 105.231 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

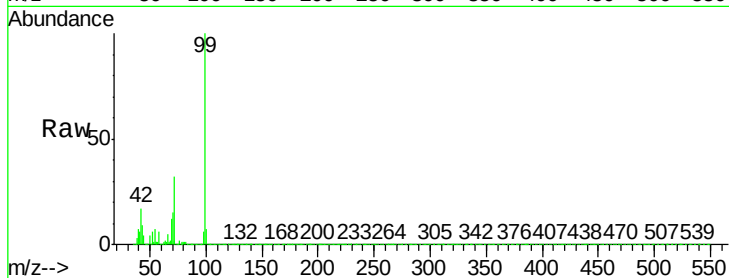
Tot Ion: 99 Resp: 679477

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.4

71 32.0 26.1 39.1



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

500000

400000

300000

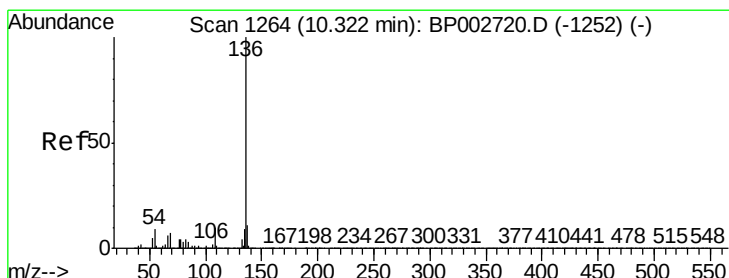
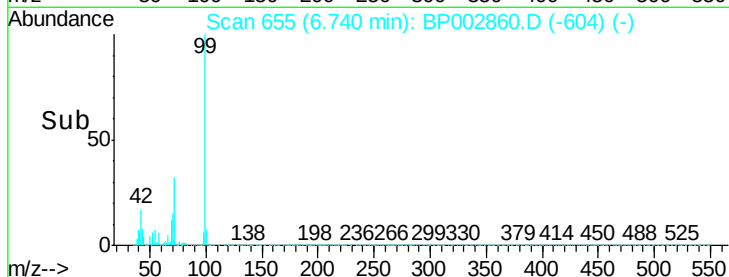
200000

100000

0

6.74

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Tgt Ion: 136 Resp: 303027

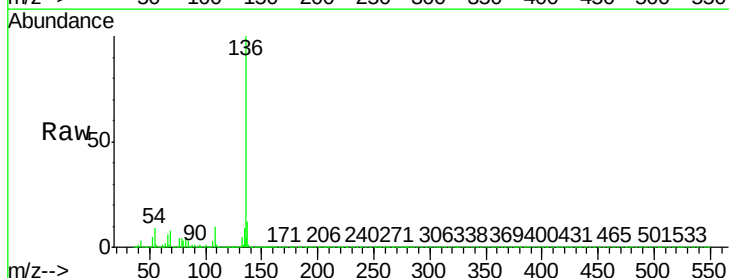
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 9.0 7.3 10.9

68 7.6 5.7 8.5



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

200000

150000

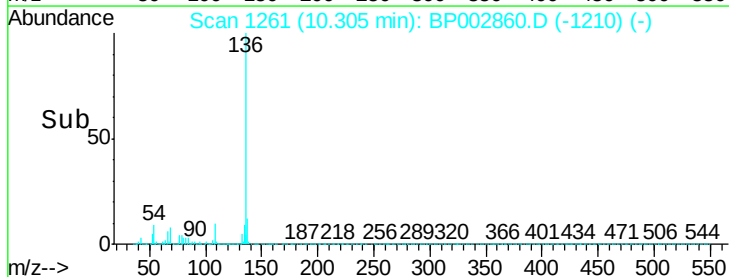
100000

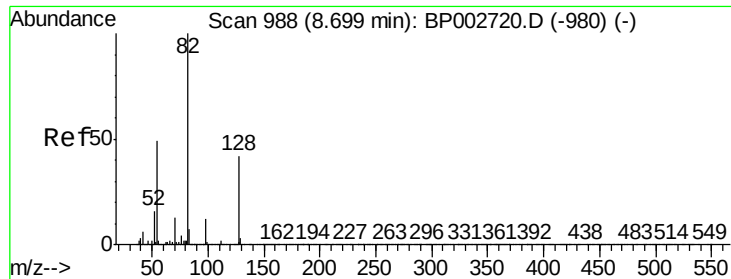
50000

0

10.30

Time-->

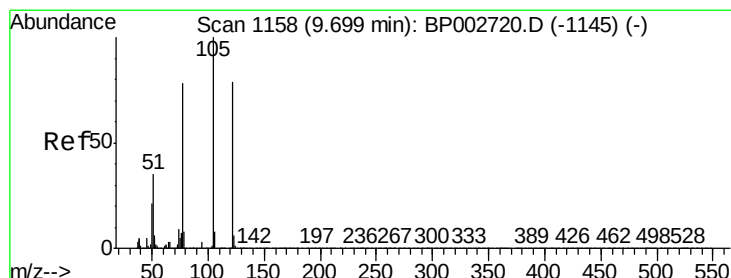
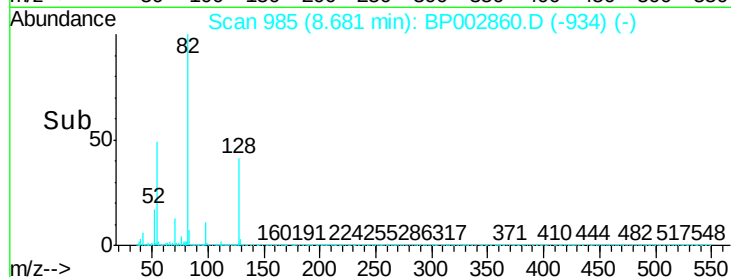
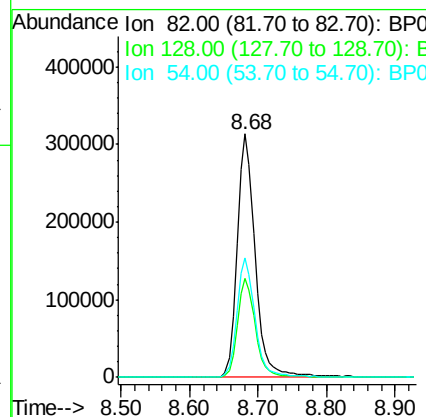
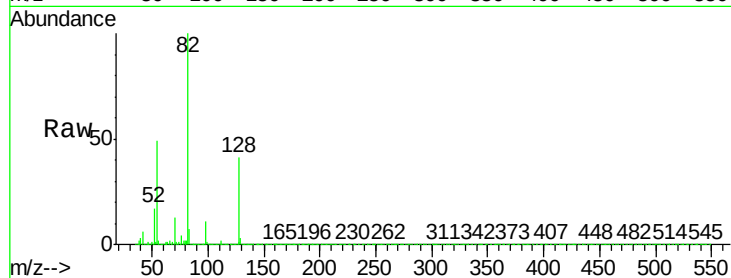




#23
Nitrobenzene-d5
Concen: 100.432 ng
RT: 8.68 min Scan# 985
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

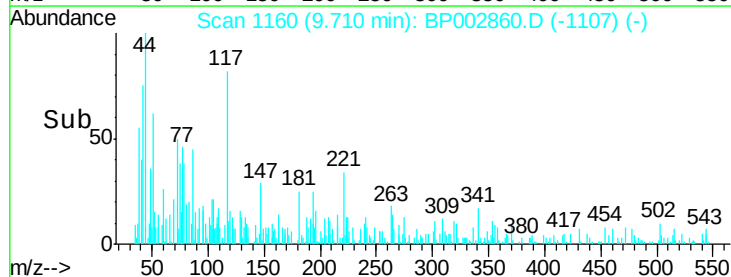
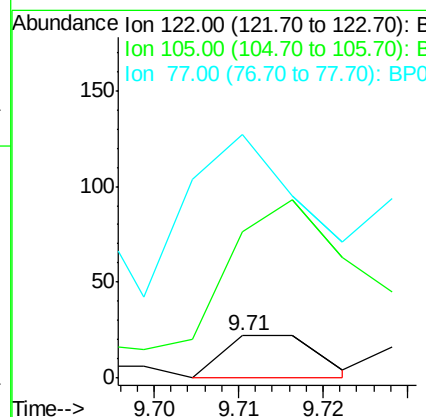
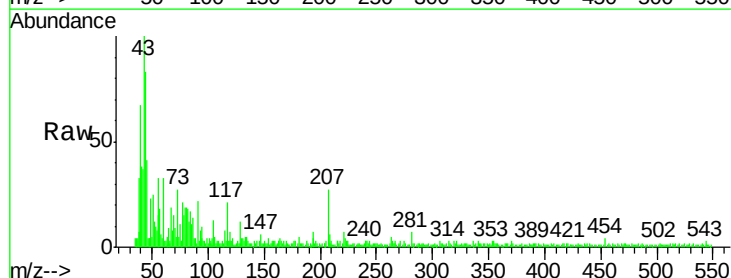
Instrument :
BNA_P
ClientSampleId :
CTR-011

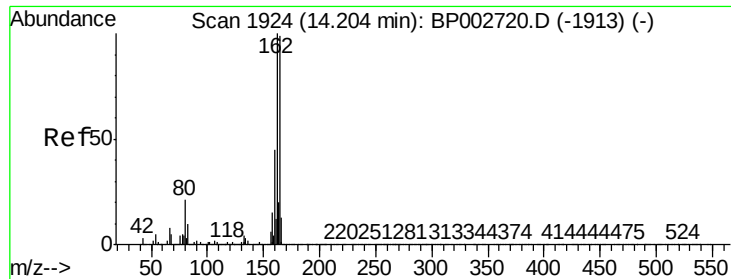
Tot Ion	82	Resp	569027
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.6	49.0
54	48.9	38.9	58.3



#32
Benzoic acid
Concen: 7.066 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Tgt Ion	122	Resp	17
Ion Ratio	Lower	Upper	
122	100		
105	345.5	101.9	141.9#
77	577.3	78.0	118.0#

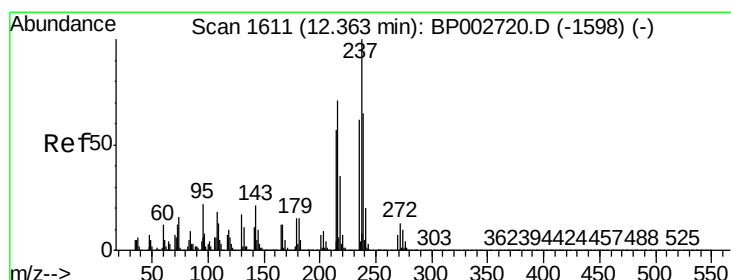
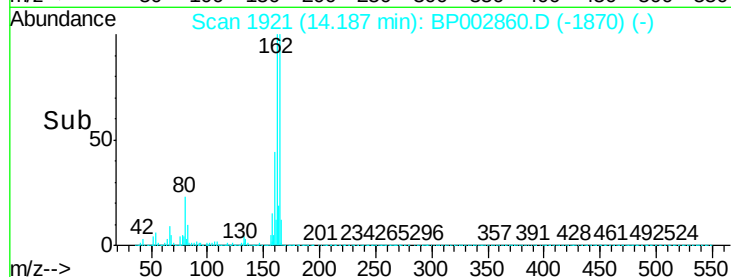
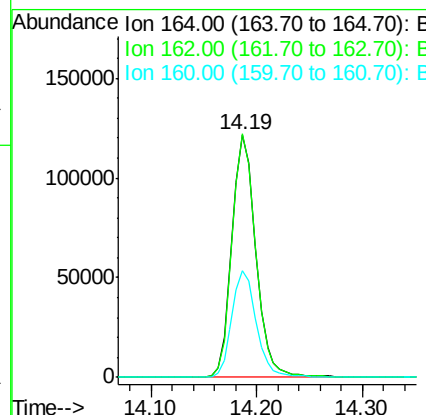
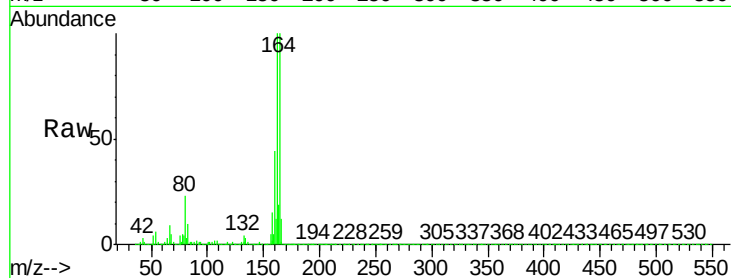




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

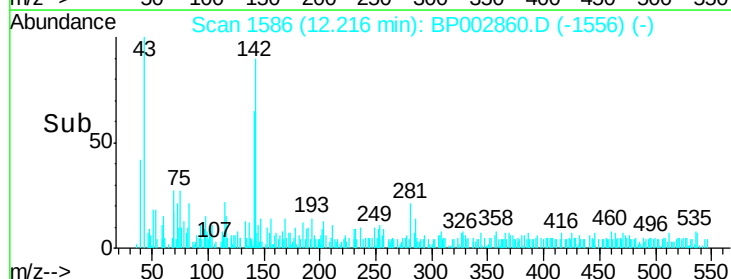
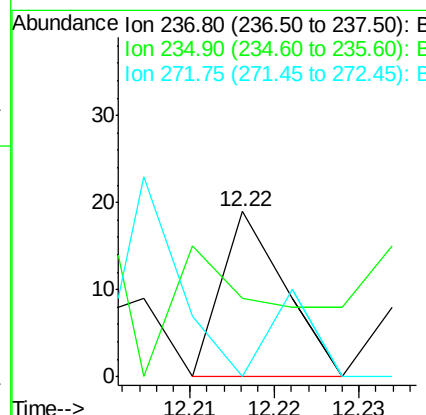
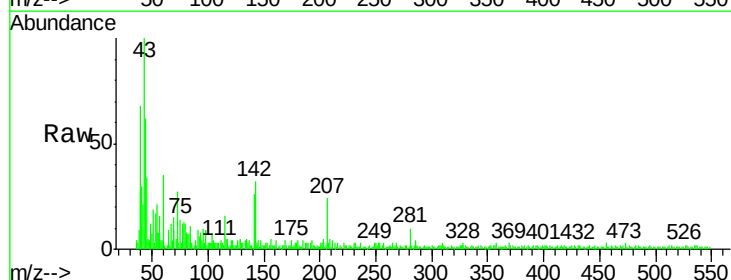
Instrument :
BNA_P
ClientSampleId :
CTR-011

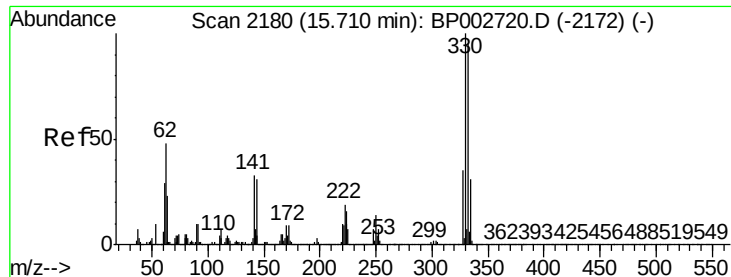
Tot Ion:164 Resp: 190778
Ion Ratio Lower Upper
164 100
162 100.4 78.4 117.6
160 44.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 7.438 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.12 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 47.4 40.9 80.9
272 0.0 0.0 32.1

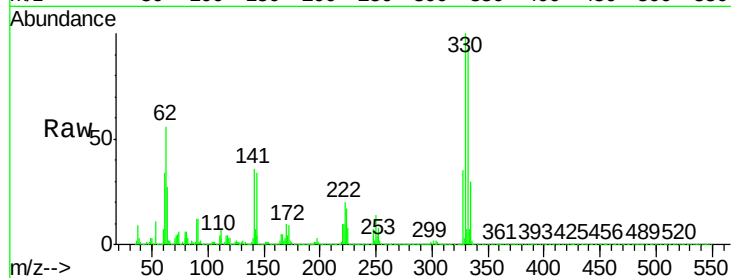




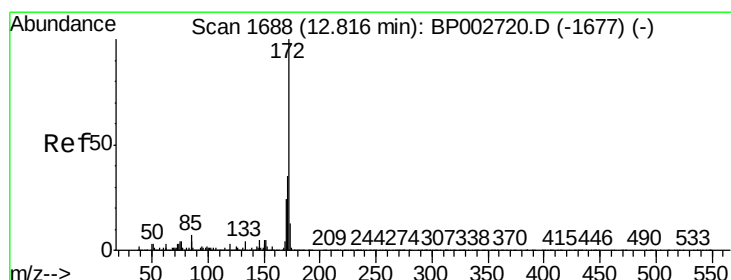
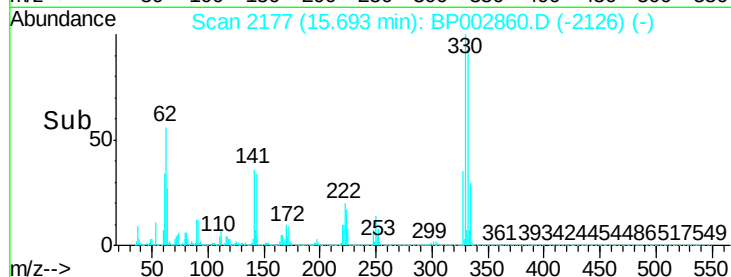
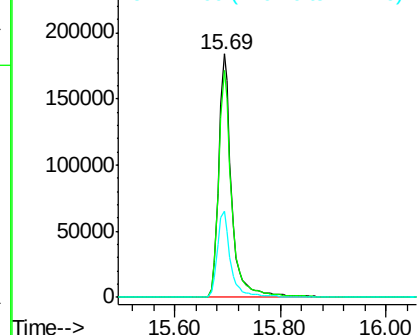
#42
2,4,6-Tribromophenol
Concen: 158.667 ng
RT: 15.69 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_P
ClientSampled :
CTR-011

Tot Ion:330 Resp: 315972
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 36.5 29.0 43.6

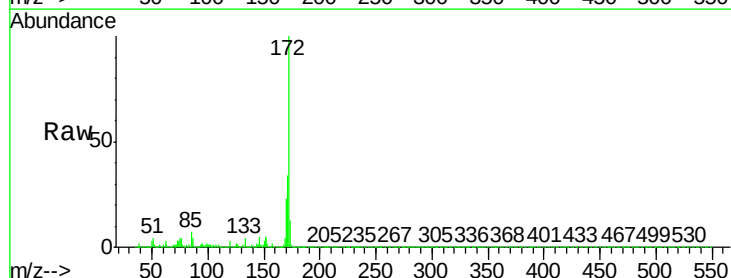


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

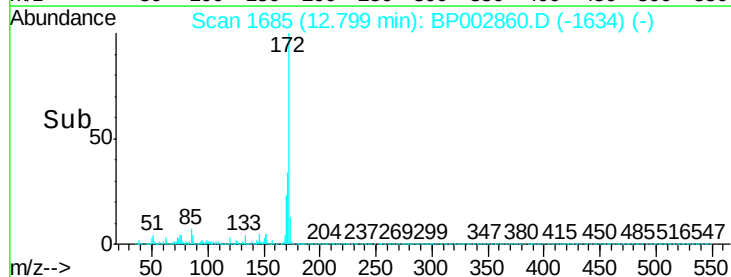
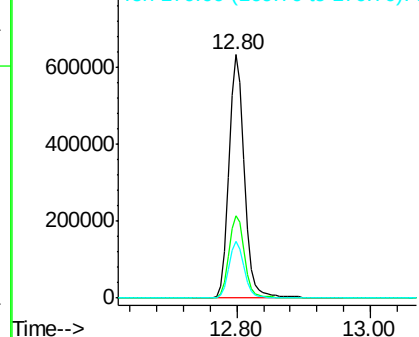


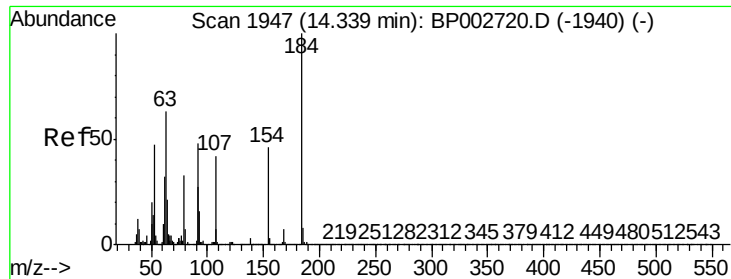
#45
2-Fluorobiphenyl
Concen: 84.144 ng
RT: 12.80 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Tgt Ion:172 Resp: 1037692
Ion Ratio Lower Upper
172 100
171 34.0 27.0 40.4
170 23.5 19.4 29.2



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

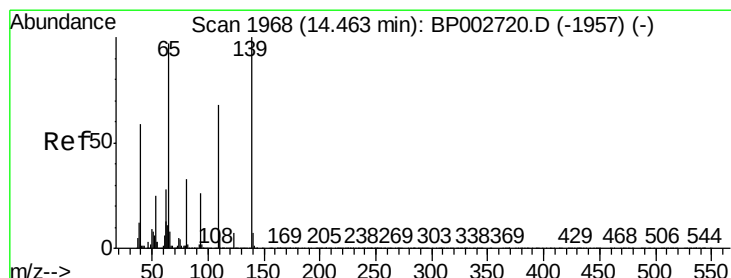
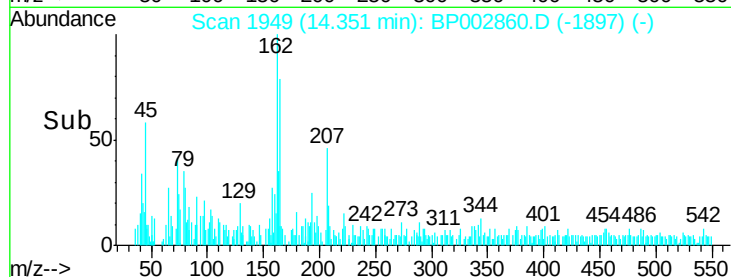
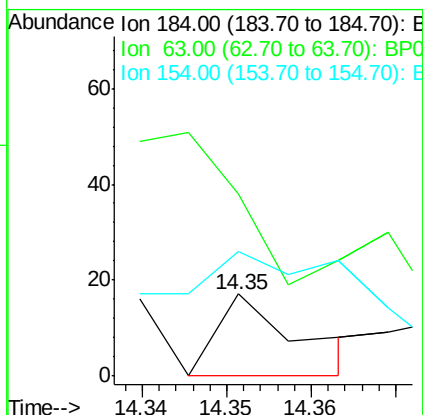
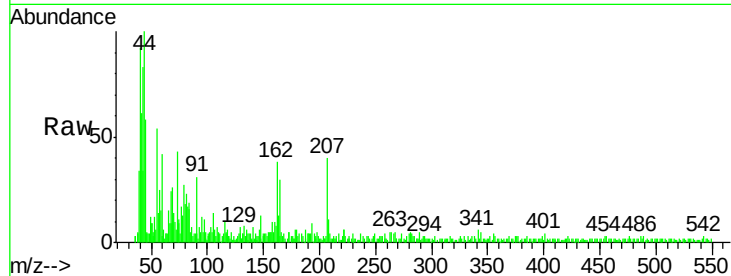




#54
 2,4-Dinitrophenol
 Concen: 11.379 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. 0.01 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

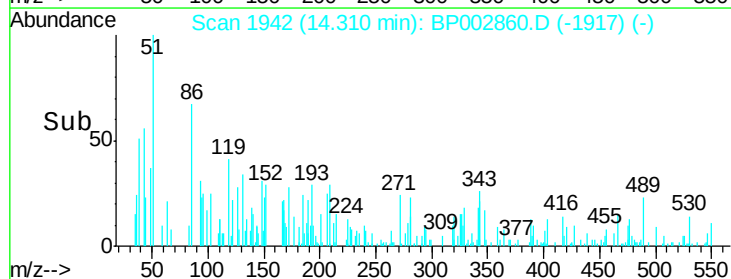
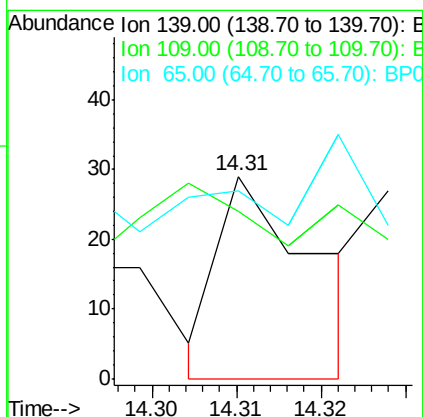
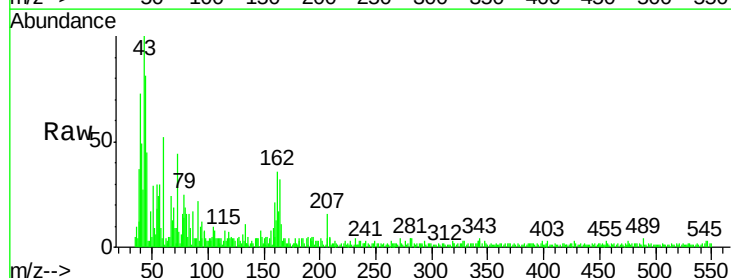
Instrument :
 BNA_P
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 CTR-011

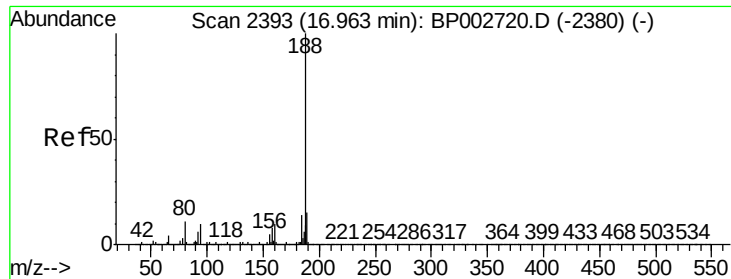
Tot Ion:184 Resp: 11
 Ion Ratio Lower Upper
 184 100
 63 223.5 55.4 83.0#
 154 152.9 47.5 71.3#



#56
 4-Nitrophenol
 Concen: 4.980 ng
 RT: 14.31 min Scan# 1942
 Delta R.T. -0.15 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

Tgt Ion:139 Resp: 23
 Ion Ratio Lower Upper
 139 100
 109 82.8 55.2 95.2
 65 93.1 84.7 124.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

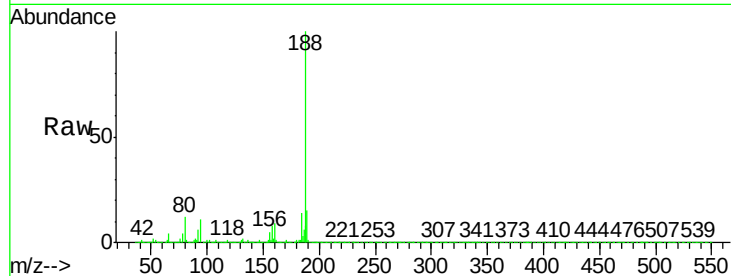
Tot Ion:188 Resp: 450060

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

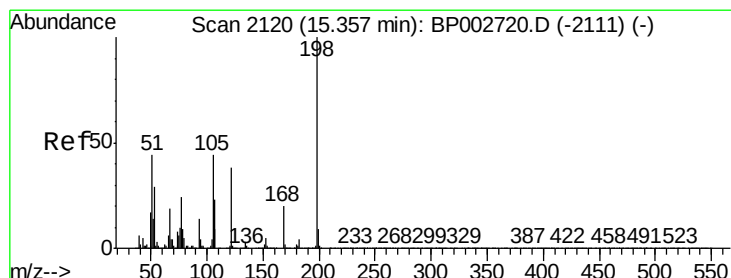
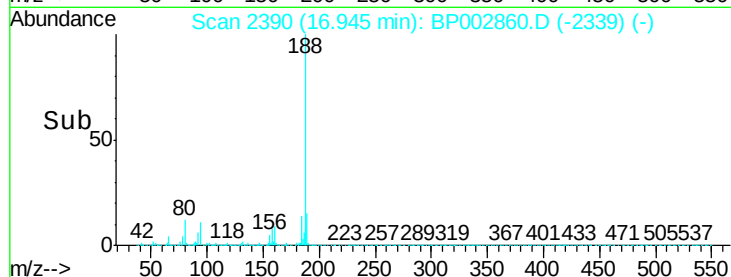
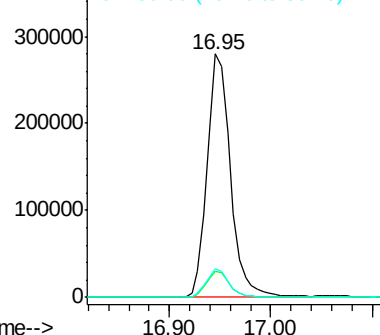
80 11.9 9.0 13.4



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: 5.276 ng

RT: 15.37 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

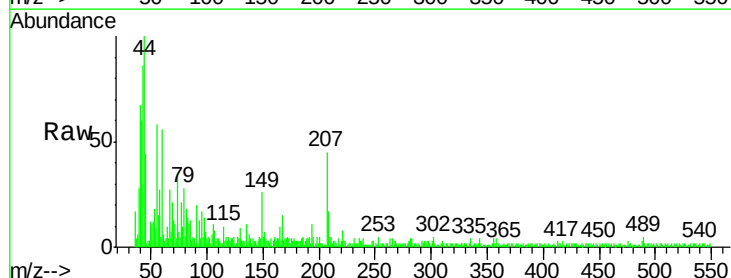
Tgt Ion:198 Resp: 30

Ion Ratio Lower Upper

198 100

51 226.1 25.1 65.1#

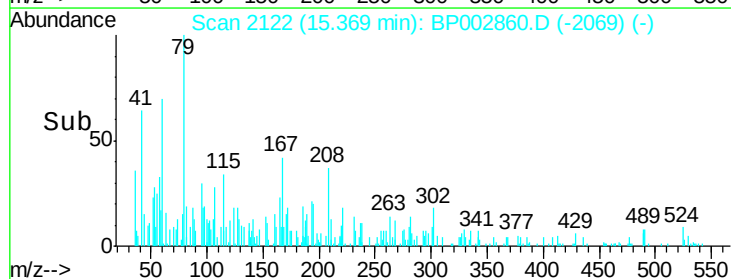
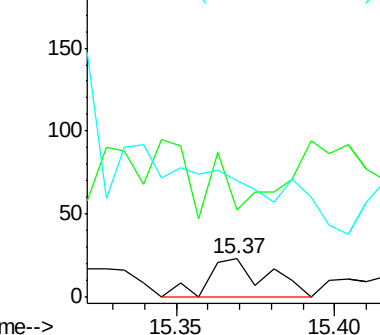
105 304.3 24.6 64.6#

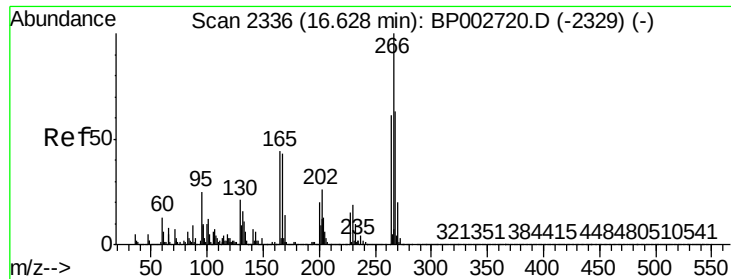


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#70

Pentachlorophenol

Concen: 7.449 ng

RT: 16.62 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

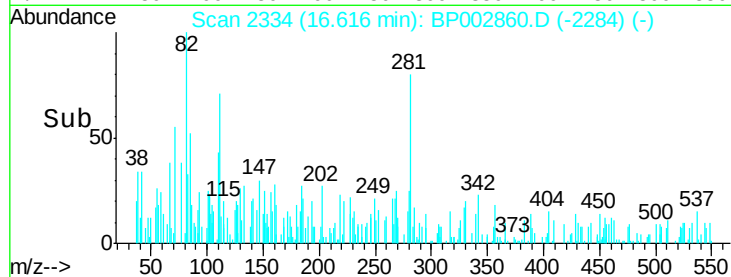
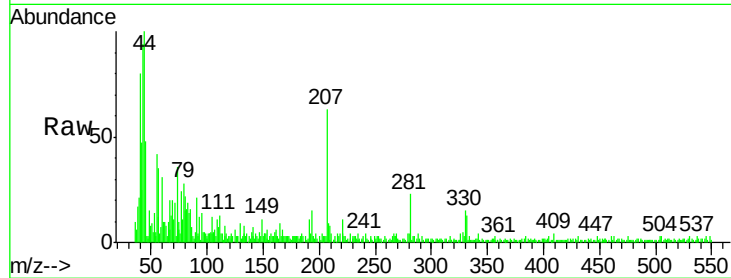
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

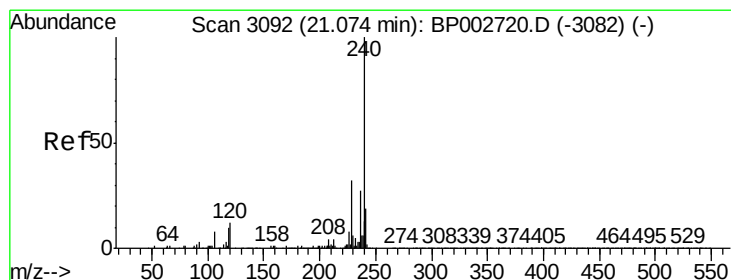
266 100

268 76.0 51.2 76.8

264 16.0 50.2 75.4#



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

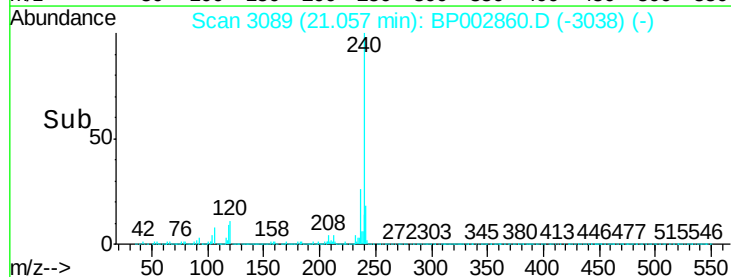
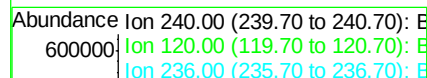
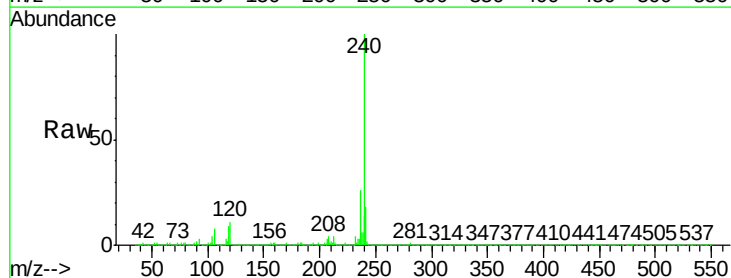
Tgt Ion:240 Resp: 605712

Ion Ratio Lower Upper

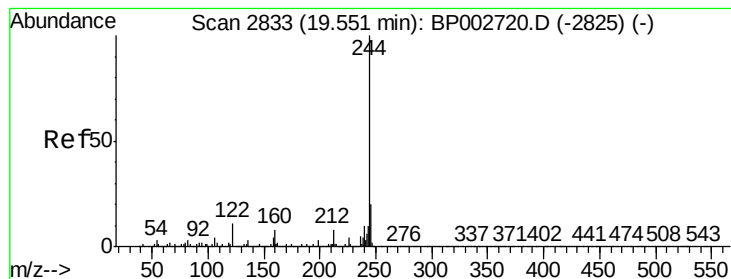
240 100

120 10.6 9.2 13.8

236 26.3 20.3 30.5



Time-->



#79

Terphenyl-d14

Concen: 75.230 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

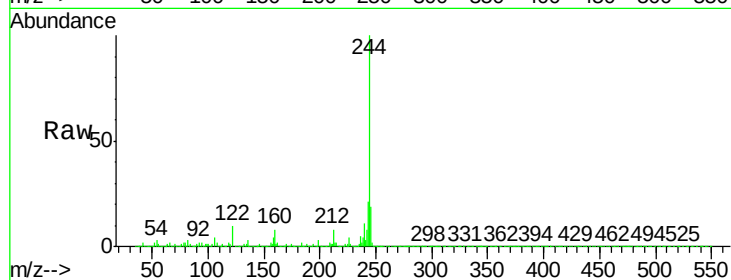
Tot Ion:244 Resp: 1987506

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

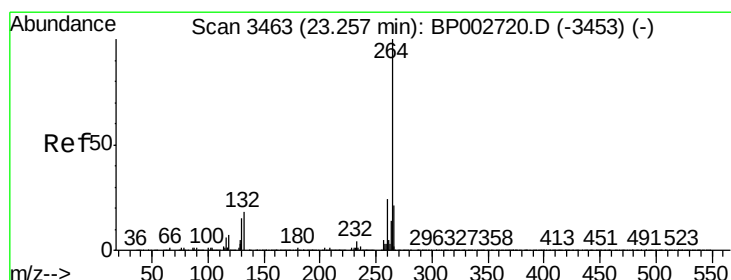
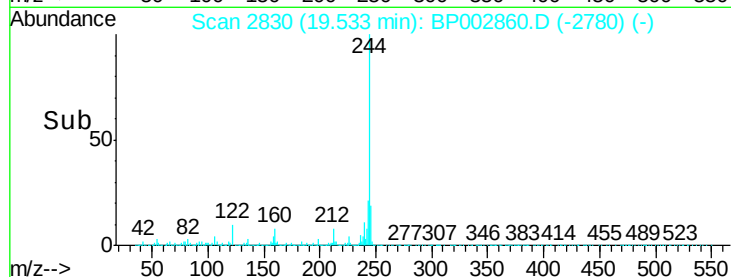
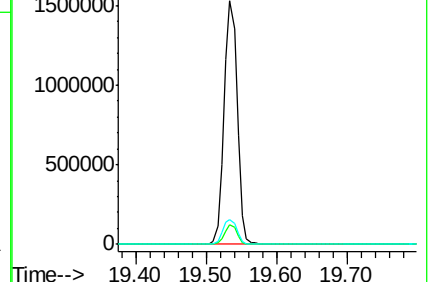
122 10.4 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

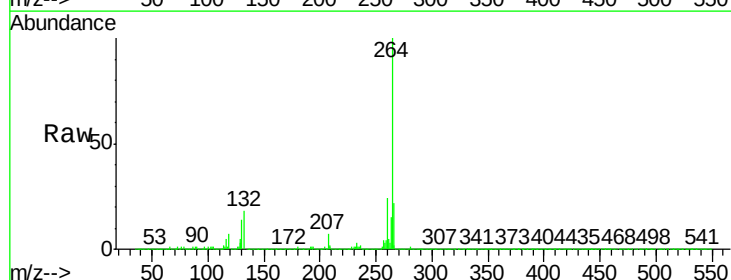
Tgt Ion:264 Resp: 704752

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

