

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002806.D
 Acq On : 20 Jul 2020 18:20
 Operator : CG/JU
 Sample : L3323-05 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 219-220

Quant Time: Jul 20 18:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

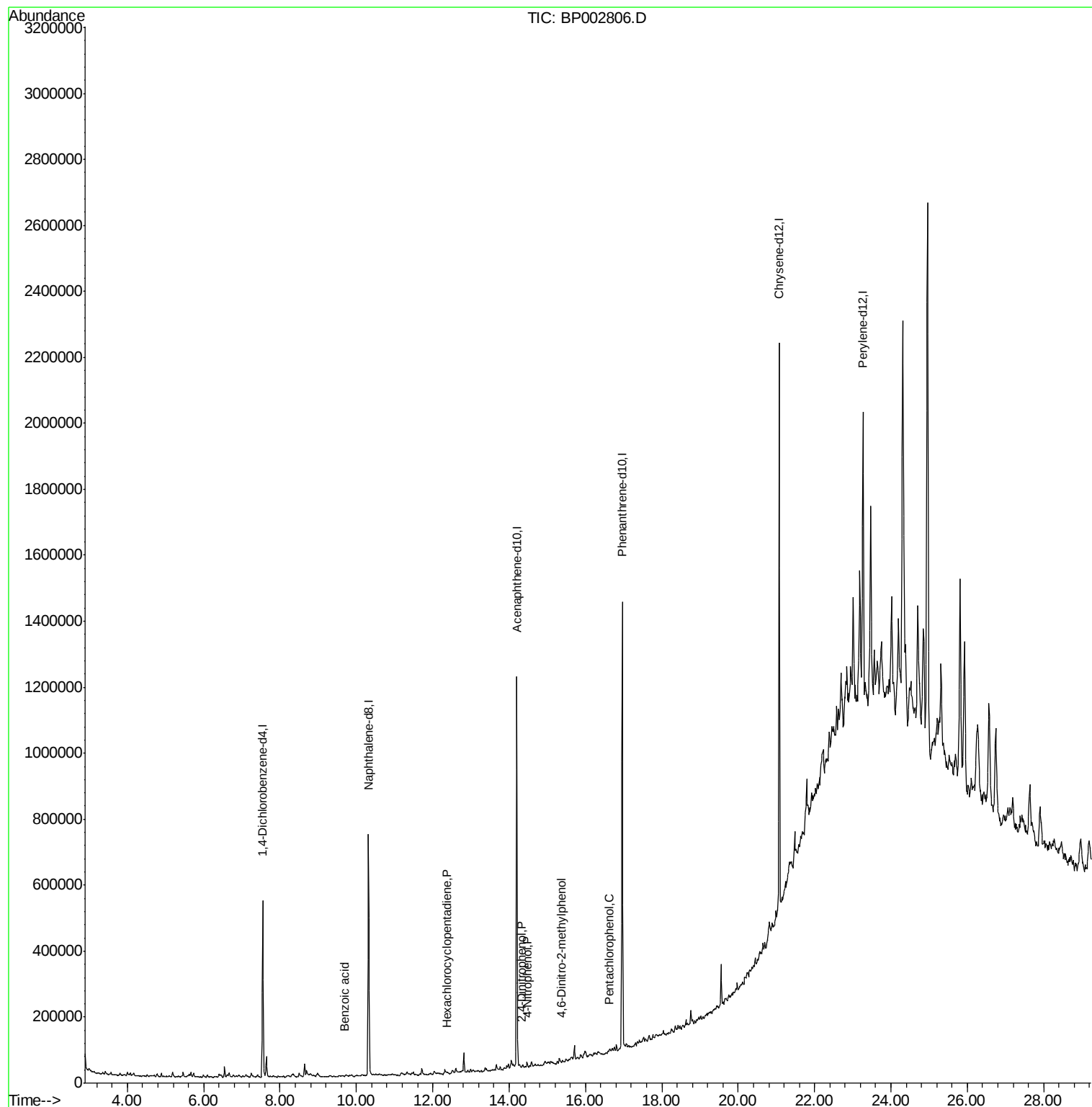
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	141494	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	605553	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	383445	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	817597	20.00	ng	0.00
76) Chrysene-d12	21.07	240	779717	20.00	ng	0.00
86) Perylene-d12	23.26	264	621524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	6513	0.78	ng	0.00
7) Phenol-d6	6.77	99	5752	0.48	ng	0.01
23) Nitrobenzene-d5	8.70	82	13700	1.21	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	7426	1.86	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	33713	1.36	ng	-0.01
79) Terphenyl-d14	19.55	244	49057	1.44	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	93	7.074	ng	# 7
41) Hexachlorocyclopentadiene	12.38	237	17	7.437	ng	# 90
54) 2,4-Dinitrophenol	14.32	184	29	11.381	ng	# 1
56) 4-Nitrophenol	14.46	139	219	5.008	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	29	5.272	ng	# 1
70) Pentachlorophenol	16.64	266	1003	7.642	ng	# 93

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

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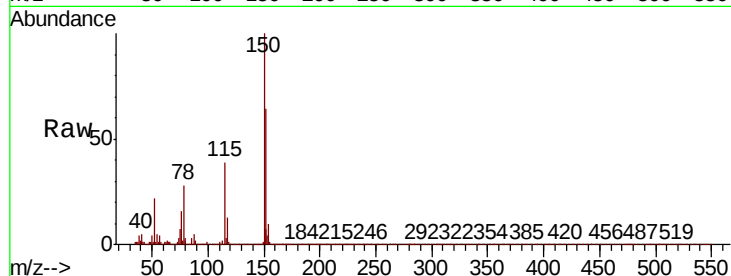


#1

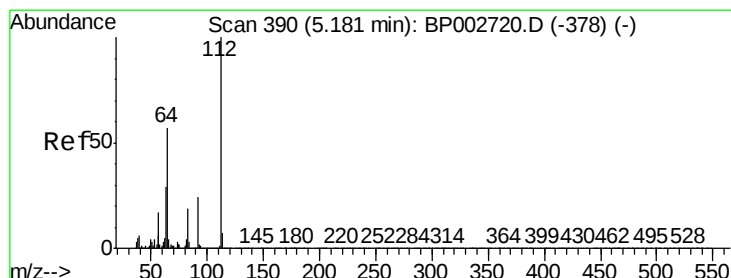
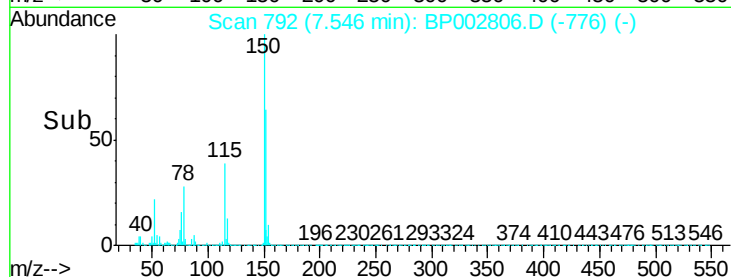
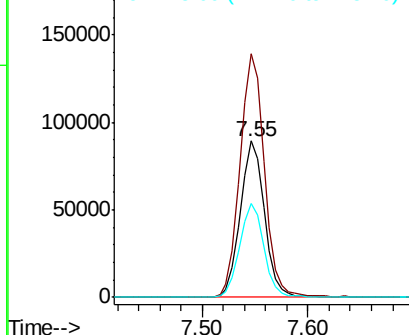
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Instrument :
BNA_P
ClientSampleId :
219-220

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	60.4	47.2	70.8



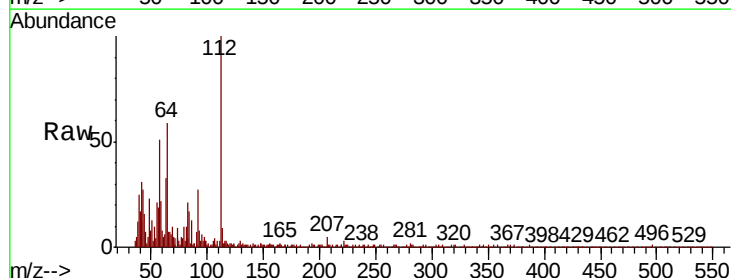
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



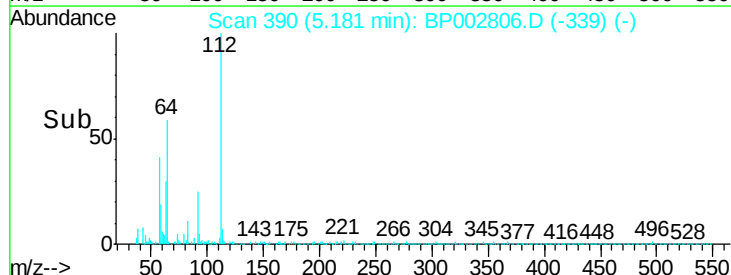
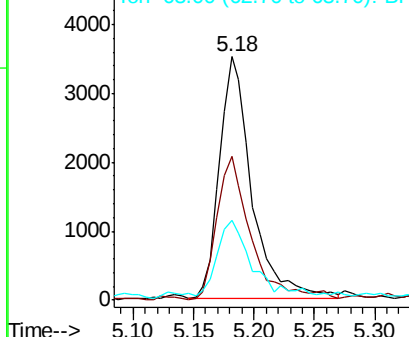
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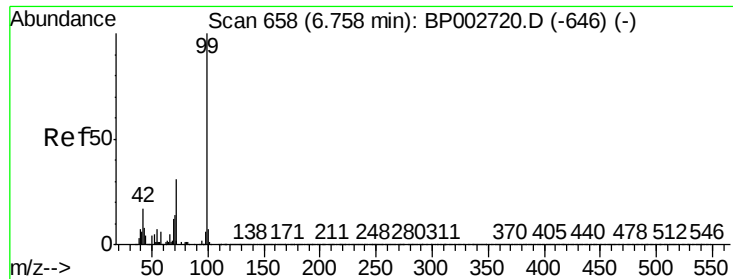
2-Fluorophenol
Concen: 0.777 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.6	68.4
63	32.7	23.5	35.3



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: 0.481 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Instrument :

BNA_P

ClientSampleId :

219-220

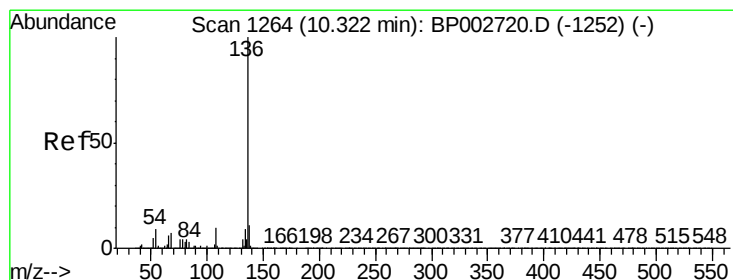
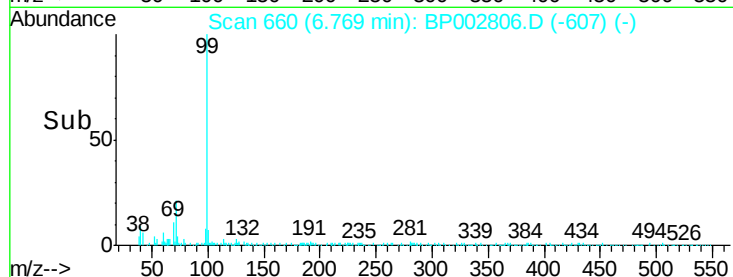
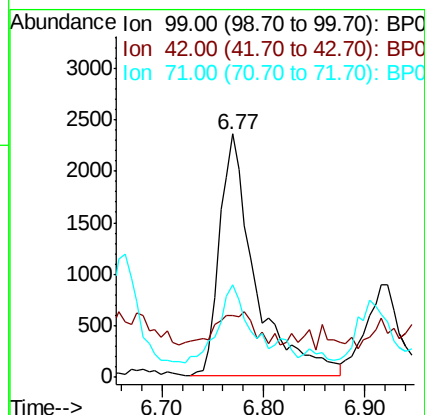
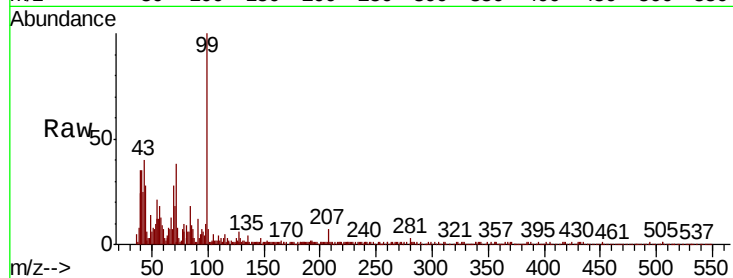
Tot Ion: 99 Resp: 5752

Ion Ratio Lower Upper

99 100

42 25.3 13.4 20.2#

71 37.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Tgt Ion: 136 Resp: 605553

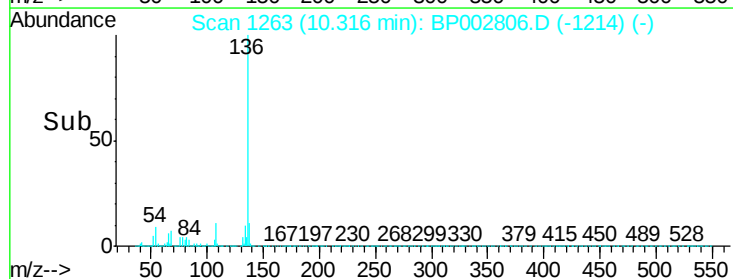
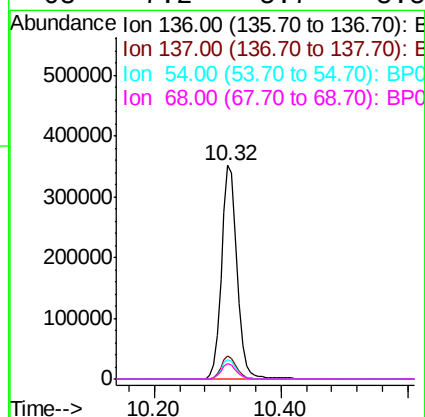
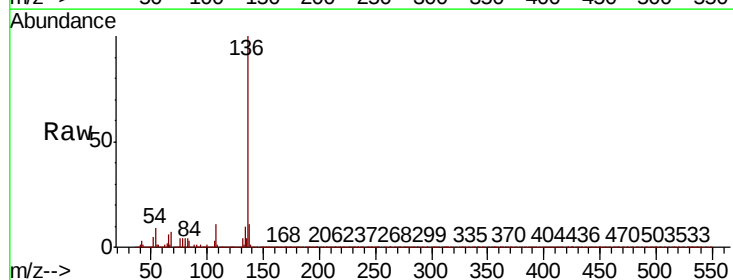
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.9 6.9 10.3

68 7.2 5.7 8.5

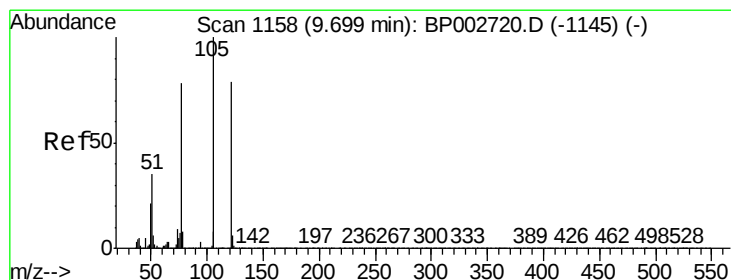
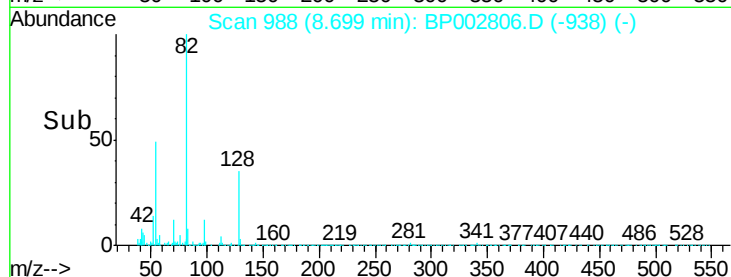
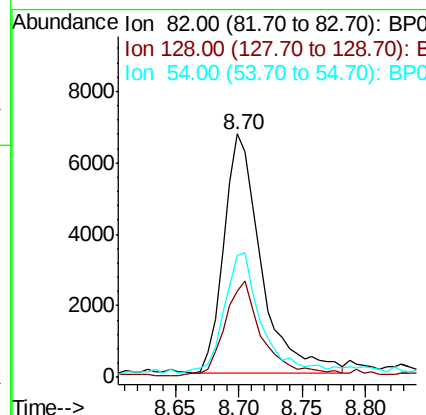
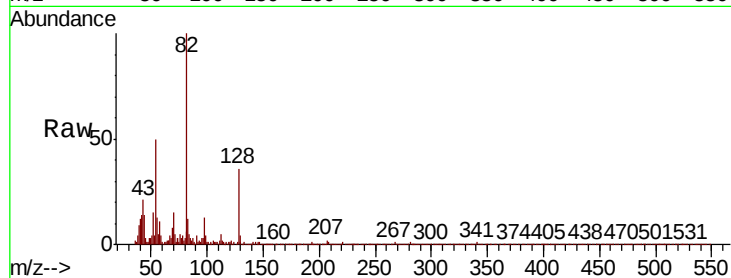




#23
 Nitrobenzene-d5
 Concen: 1.210 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

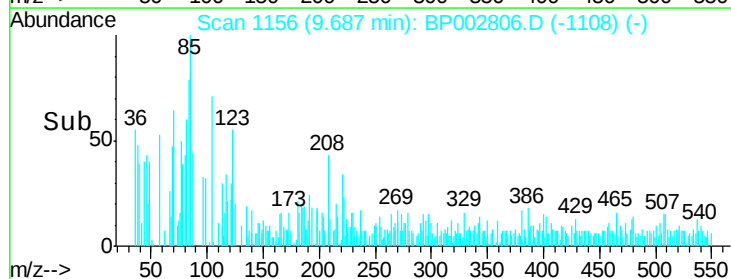
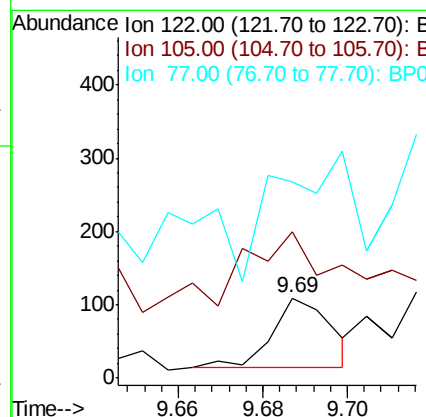
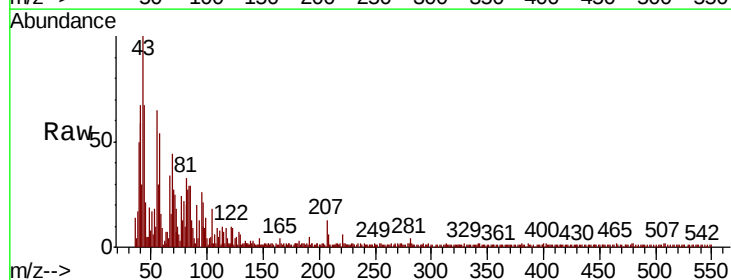
Instrument :
 BNA_P
 ClientSampleId :
 219-220

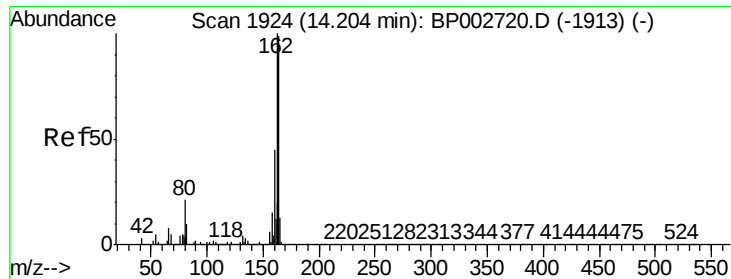
Tot Ion	82	Resp	13700
Ion Ratio	Lower	Upper	
82	100		
128	35.6	33.8	50.8
54	50.4	38.8	58.2



#32
 Benzoic acid
 Concen: 7.074 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

Tgt Ion	122	Resp	93
Ion Ratio	Lower	Upper	
122	100		
105	182.6	105.4	145.4#
77	245.0	78.5	118.5#

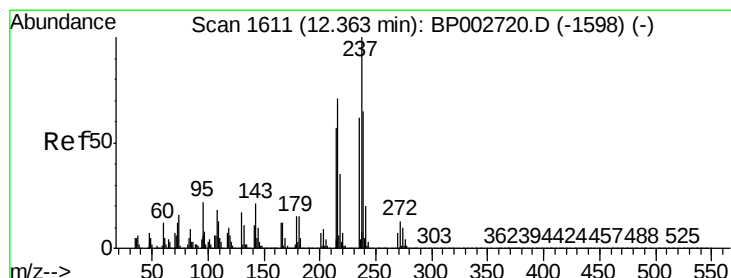
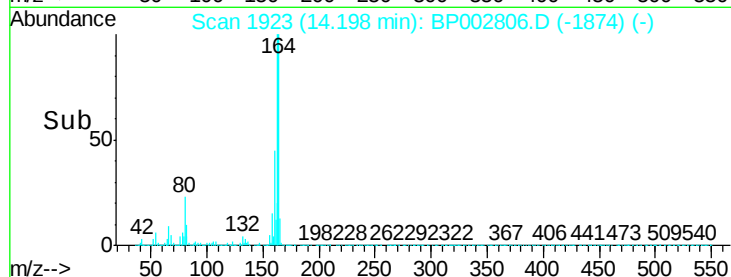
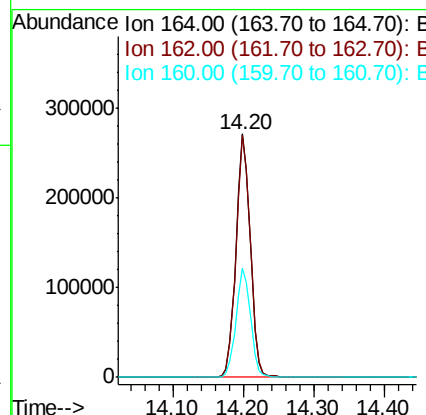
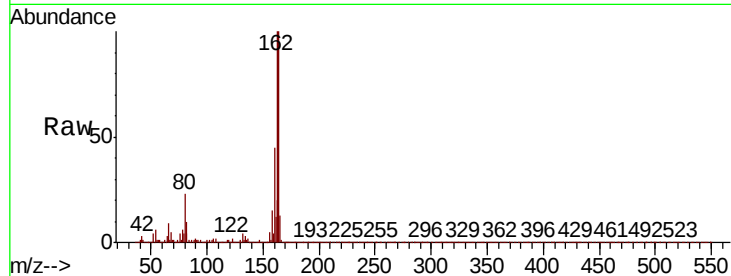




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

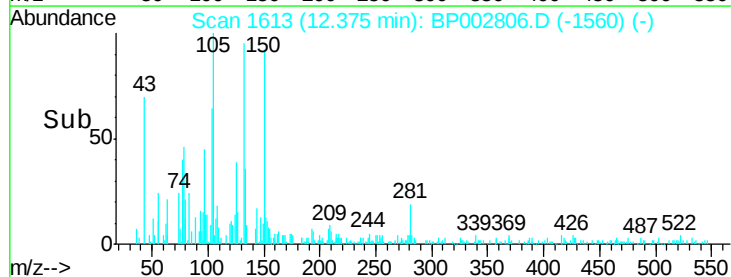
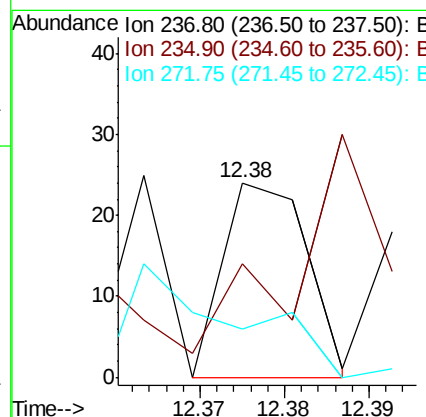
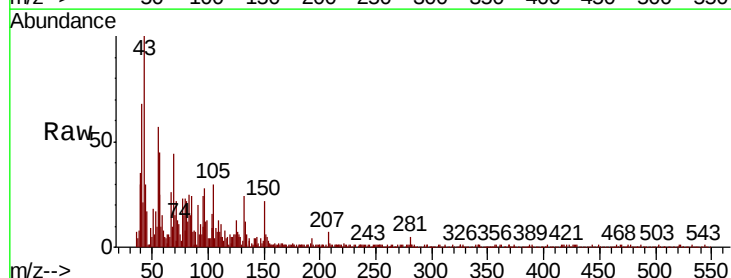
Instrument :
BNA_P
ClientSampleId :
219-220

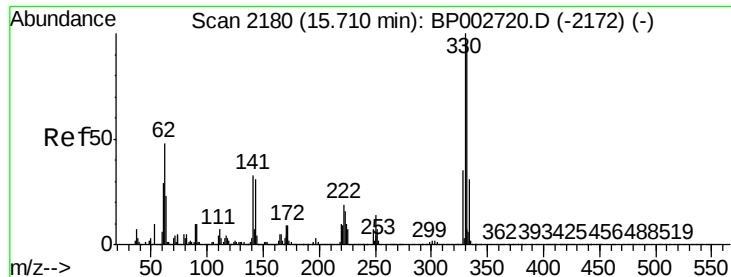
Tot Ion:164 Resp: 383445
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 45.0 36.4 54.6



#41
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 12.38 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 58.3 42.3 82.3
272 25.0 0.0 32.5

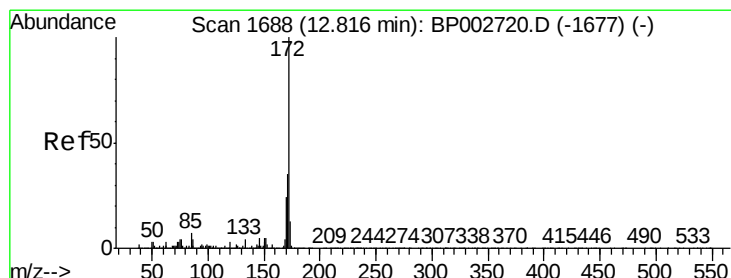
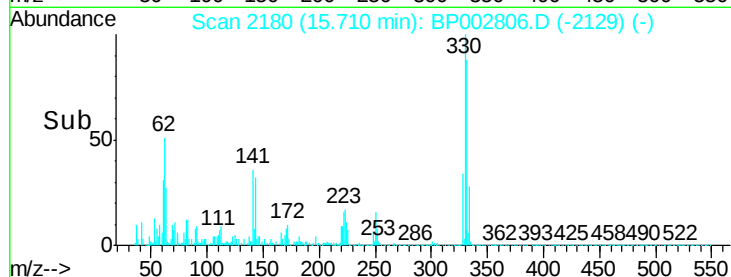
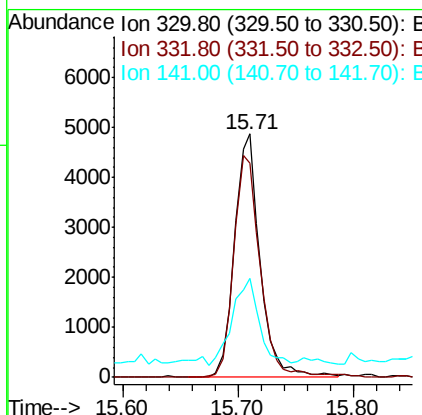
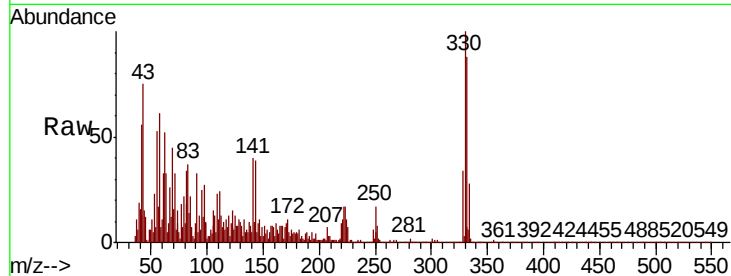




#42
2,4,6-Tribromophenol
Concen: 1.855 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

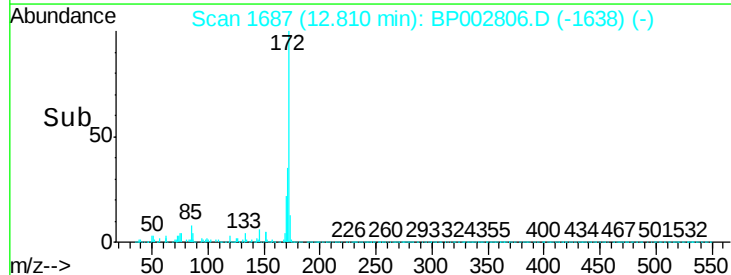
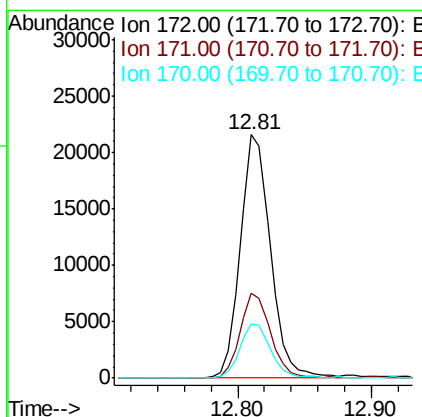
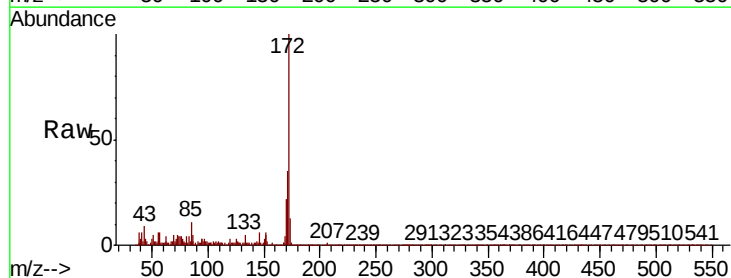
Instrument :
BNA_P
ClientSampleId :
219-220

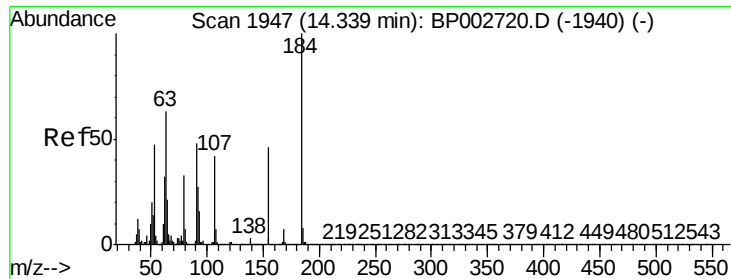
Tot Ion:330 Resp: 7426
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 36.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 1.360 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion:172 Resp: 33713
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.1 19.3 28.9

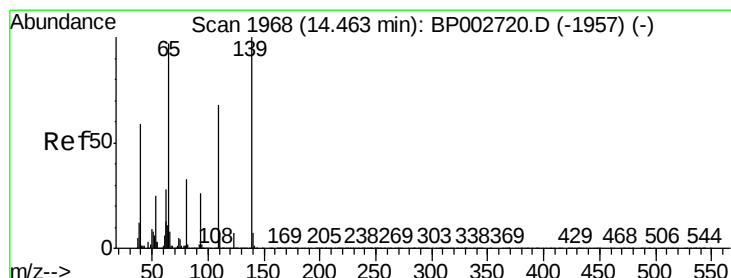
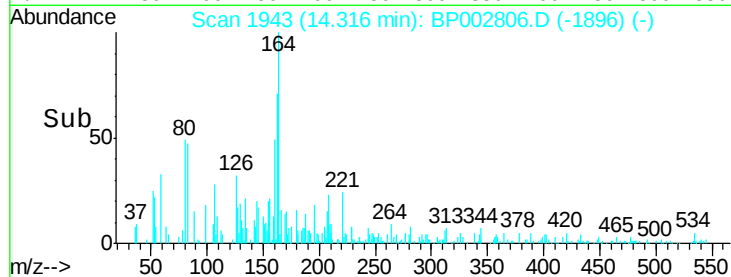
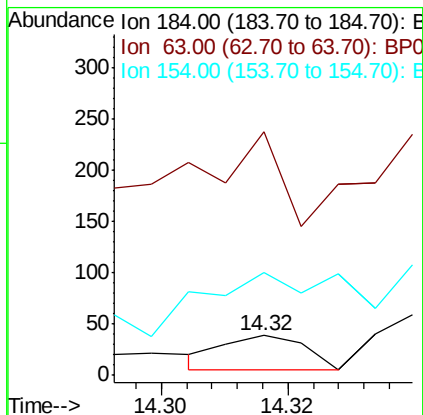
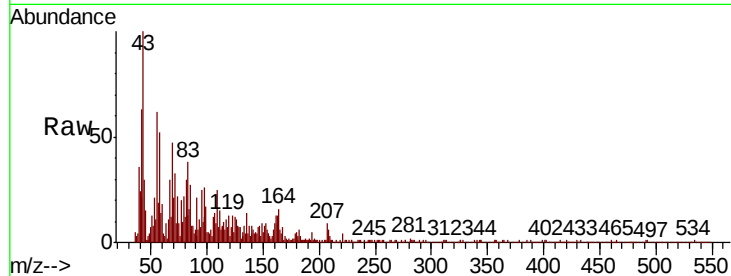




#54
2,4-Dinitrophenol
Concen: 11.381 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

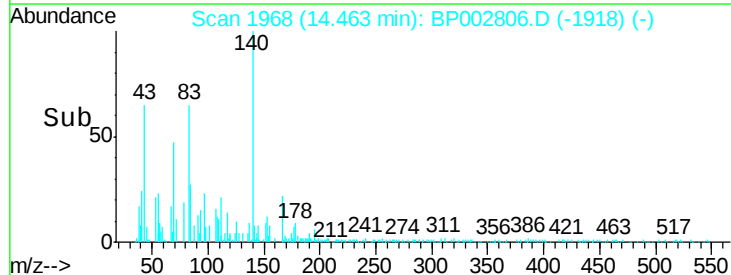
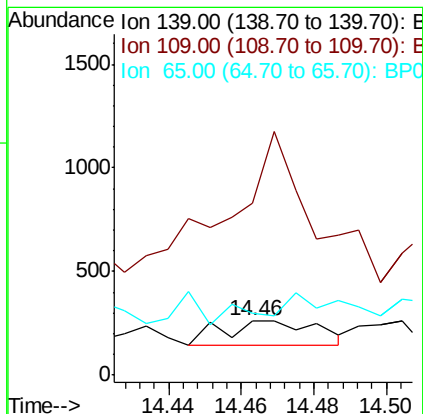
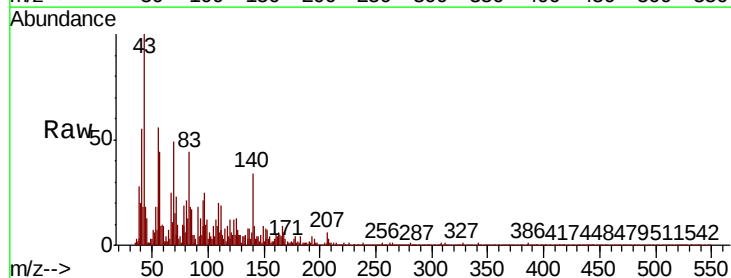
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BNA_P
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219-220

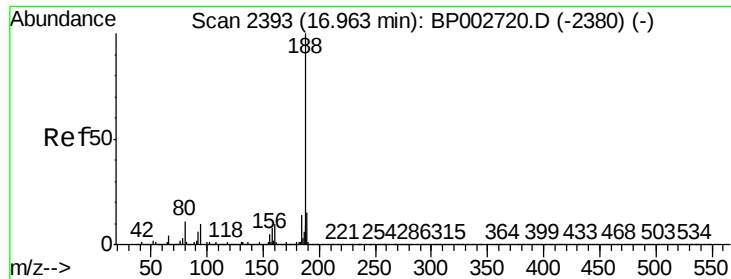
Tot Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 607.7 51.6 77.4#
154 256.4 45.0 67.6#



#56
4-Nitrophenol
Concen: 5.008 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002806.D
Acq: 20 Jul 2020 18:20

Tgt Ion:139 Resp: 219
Ion Ratio Lower Upper
139 100
109 314.8 48.1 88.1#
65 112.9 77.9 117.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Instrument :

BNA_P

ClientSampleId :

219-220

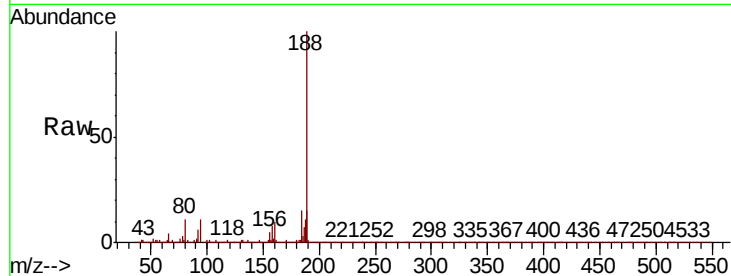
Tot Ion:188 Resp: 817597

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

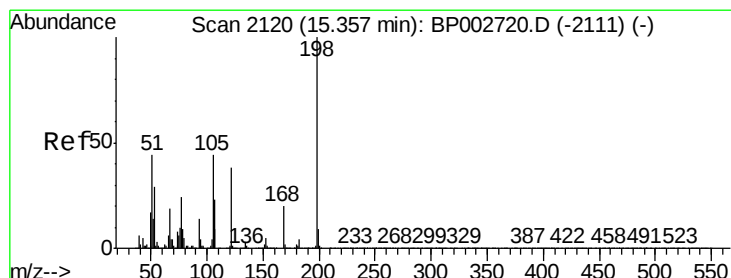
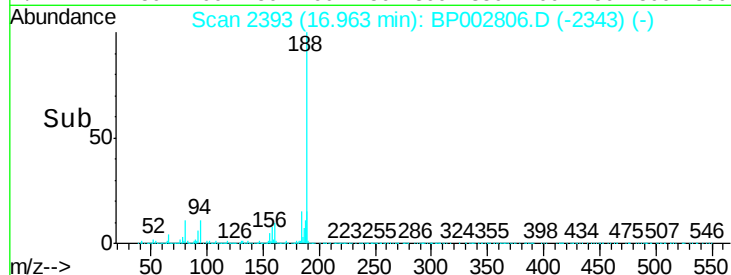
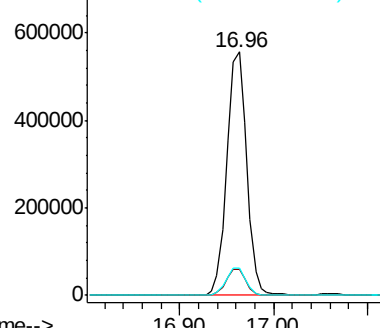
80 11.0 8.9 13.3



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: 5.272 ng

RT: 15.37 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

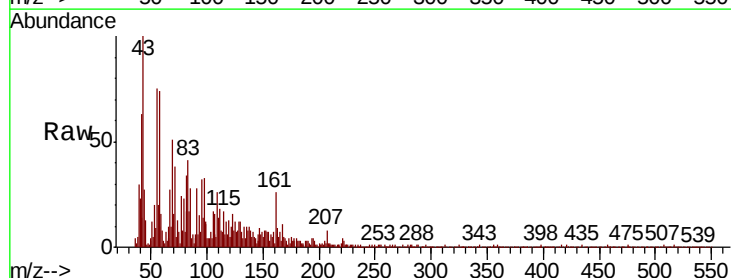
Tgt Ion:198 Resp: 29

Ion Ratio Lower Upper

198 100

51 1188.6 27.1 67.1#

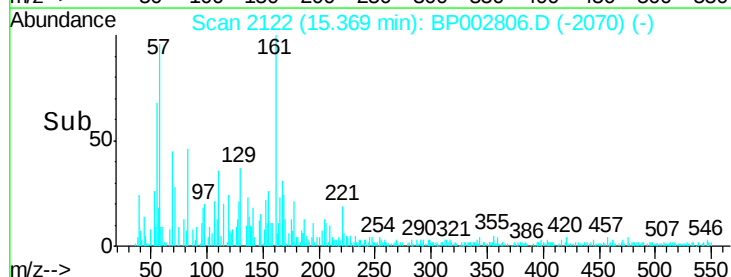
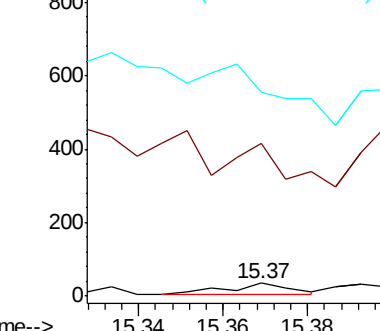
105 1585.7 24.9 64.9#

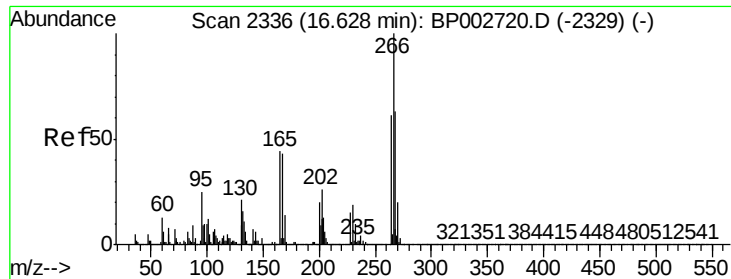


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

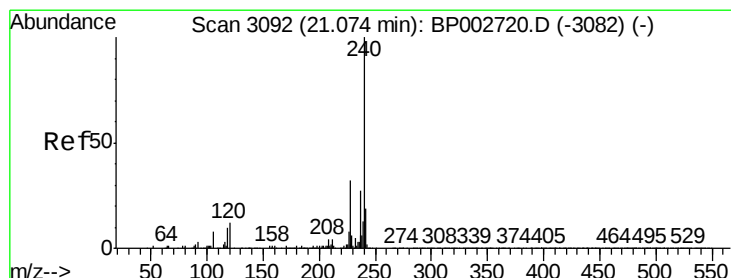
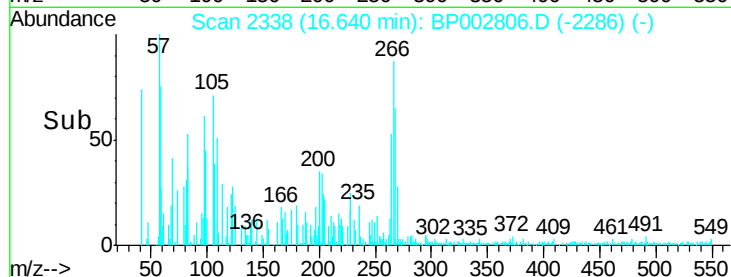
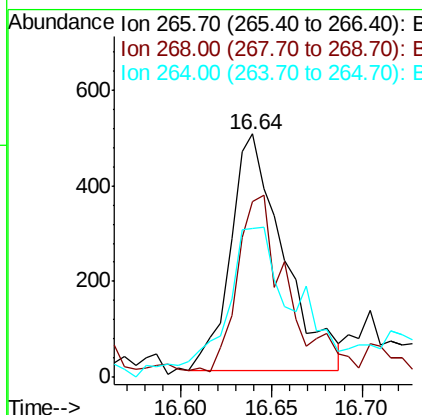
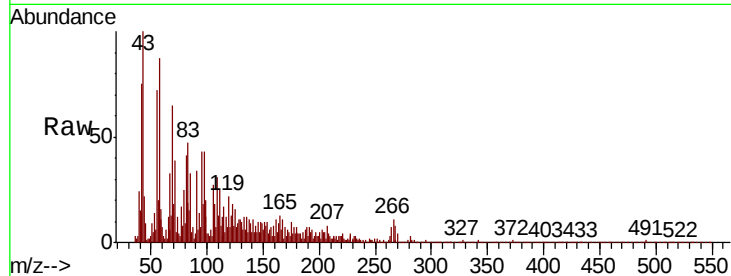




#70
 Pentachlorophenol
 Concen: 7.642 ng
 RT: 16.64 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

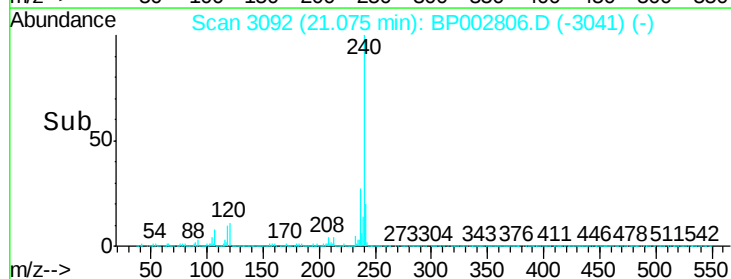
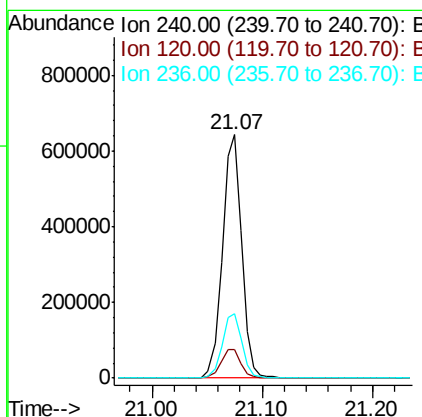
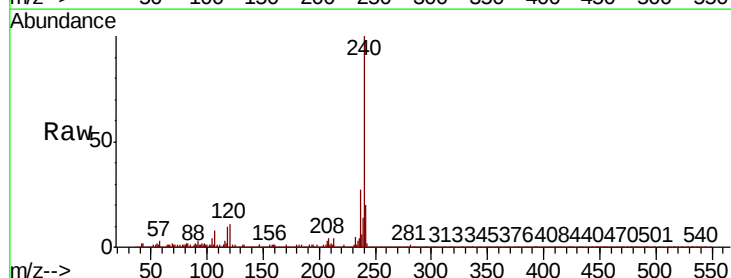
Instrument :
 BNA_P
 ClientSampleId :
 219-220

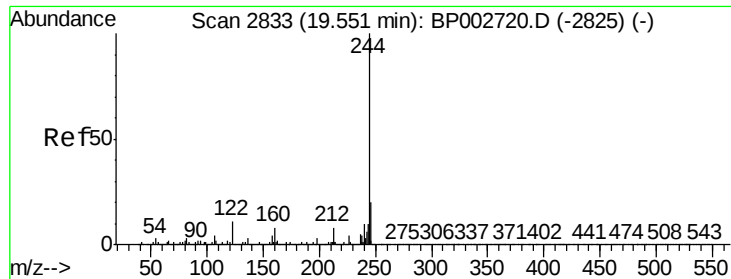
Tot Ion	Ratio	Lower	Upper
266	100		
268	72.4	50.6	75.8
264	61.4	48.6	72.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BP002806.D
 Acq: 20 Jul 2020 18:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	26.6	21.3	31.9





#79

Terphenyl-d14

Concen: 1.442 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

Instrument :

BNA_P

ClientSampled :

219-220

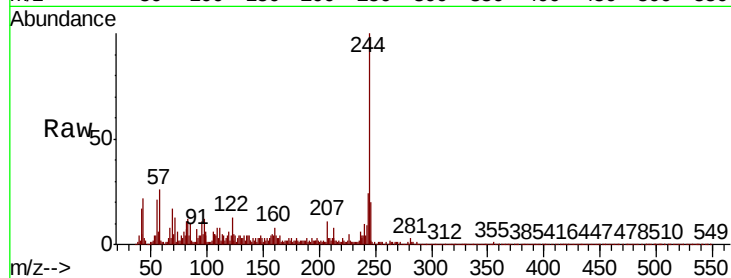
Tot Ion:244 Resp: 49057

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

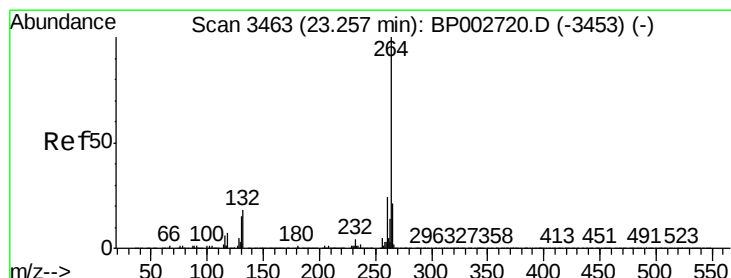
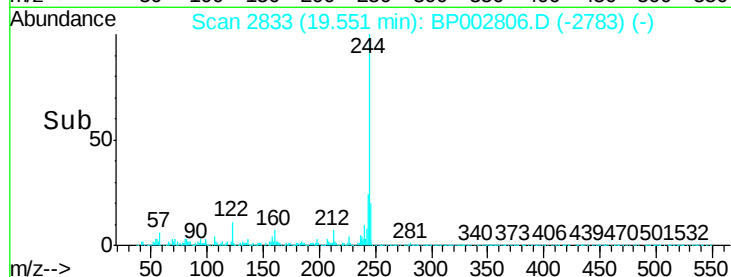
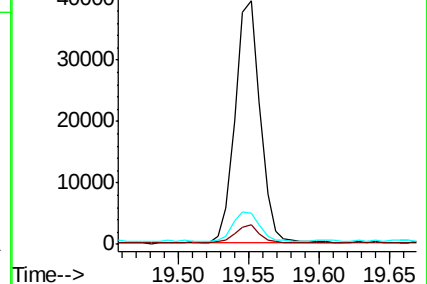
122 12.7 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002806.D

Acq: 20 Jul 2020 18:20

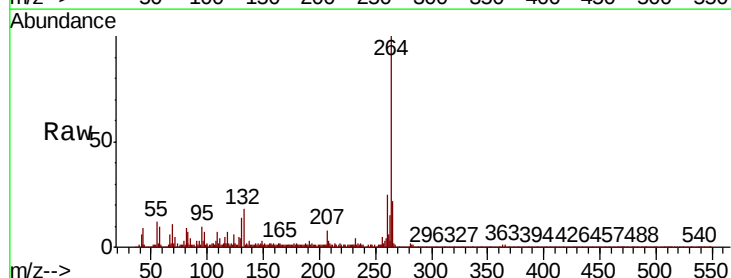
Tgt Ion:264 Resp: 621524

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.8 16.8 25.2



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

