

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002813.D
 Acq On : 21 Jul 2020 14:37
 Operator : CG/JU
 Sample : L3355-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11977

Quant Time: Jul 21 15:09:20 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

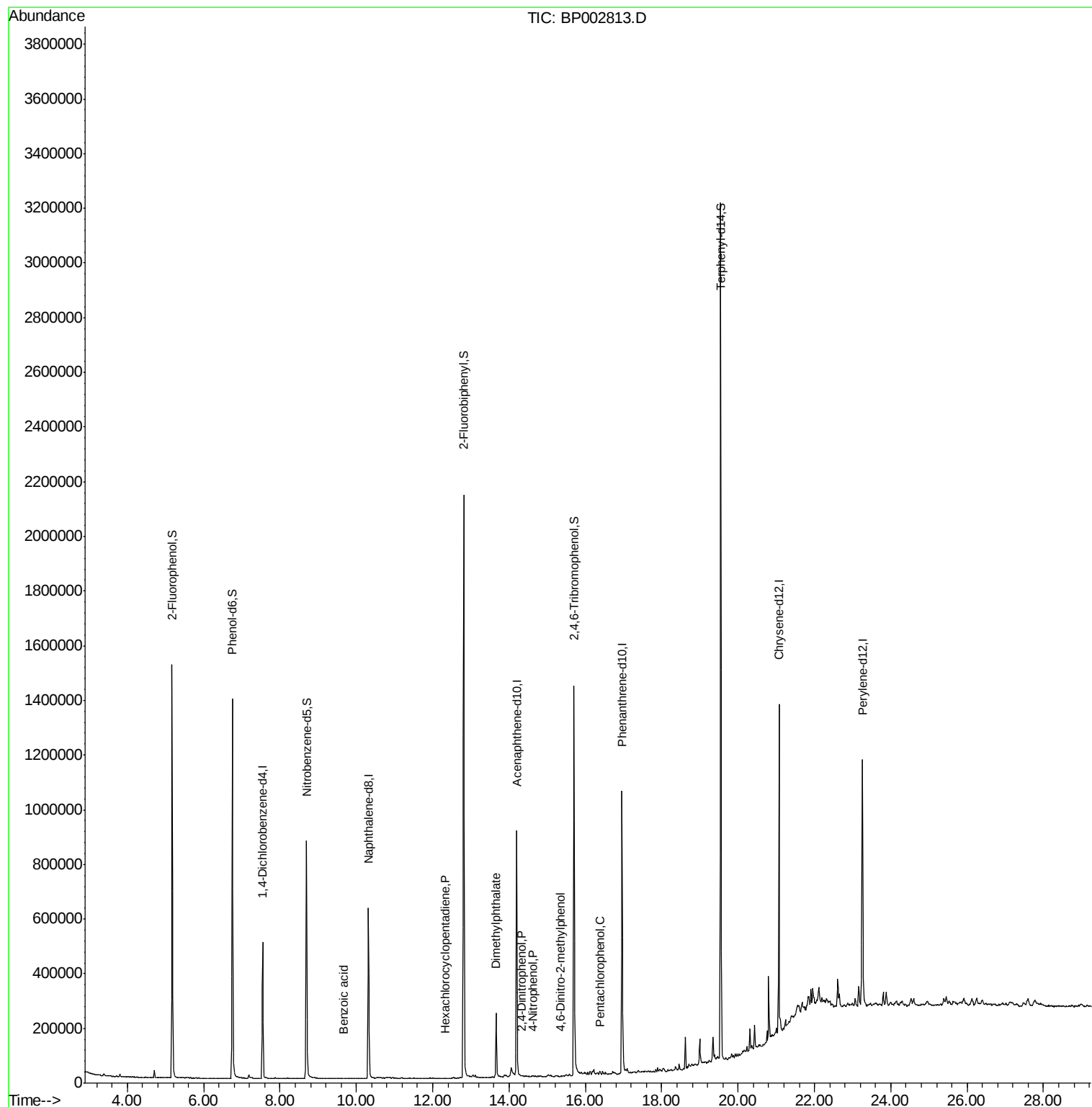
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	138565	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	539338	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	327156	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	646163	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	552470	20.00	ng	0.00
86) Perylene-d12	23.26	264	659906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	683166	83.18	ng	0.00
7) Phenol-d6	6.75	99	883972	75.42	ng	0.00
23) Nitrobenzene-d5	8.69	82	548818	54.42	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	329313	96.43	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1204873	56.97	ng	-0.01
79) Terphenyl-d14	19.54	244	1367821	56.76	ng	-0.01
Target Compounds						
32) Benzoic acid	9.67	122	97	7.076	ng	# 1
41) Hexachlorocyclopentadiene	12.32	237	16	7.437	ng	85
50) Dimethylphthalate	13.66	163	169942	6.811	ng	99
54) 2,4-Dinitrophenol	14.33	184	62	11.392	ng	# 1
56) 4-Nitrophenol	14.61	139	397	5.050	ng	87
65) 4,6-Dinitro-2-methylphenol	15.33	198	19	5.271	ng	# 1
70) Pentachlorophenol	16.38	266	47	7.453	ng	93

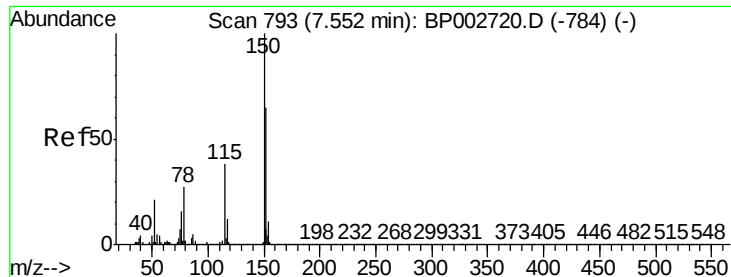
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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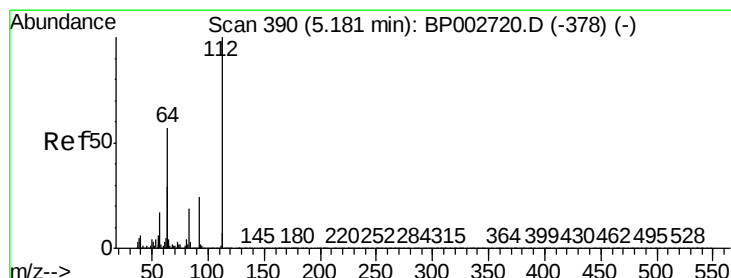
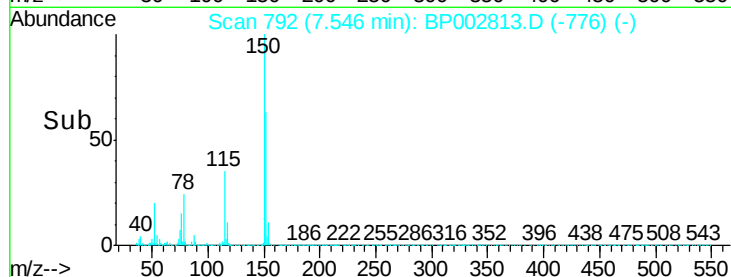
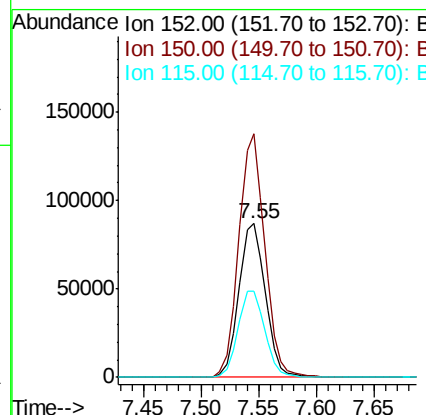
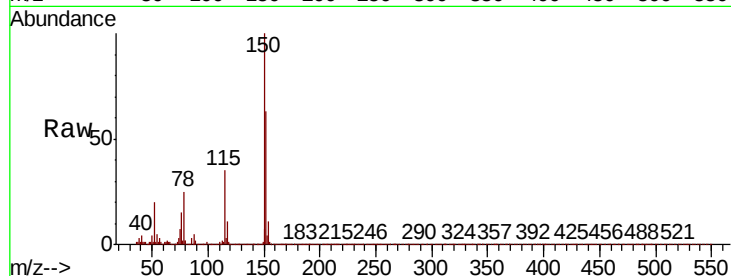


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

Instrument :
BNA_P
ClientSampleId :
11977

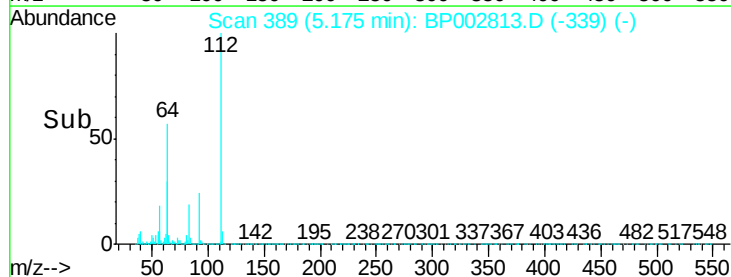
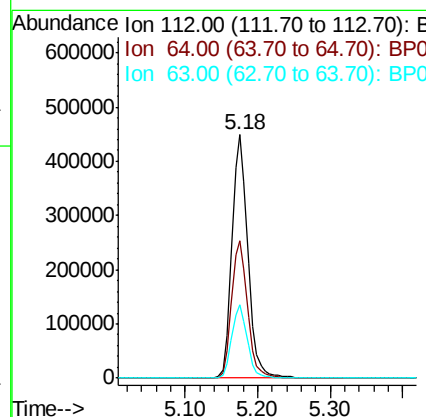
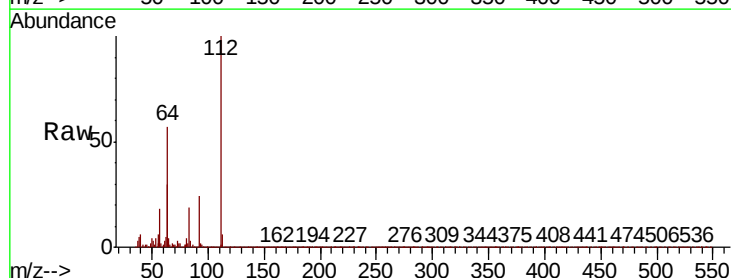
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.7	185.5
115	56.0	47.2	70.8

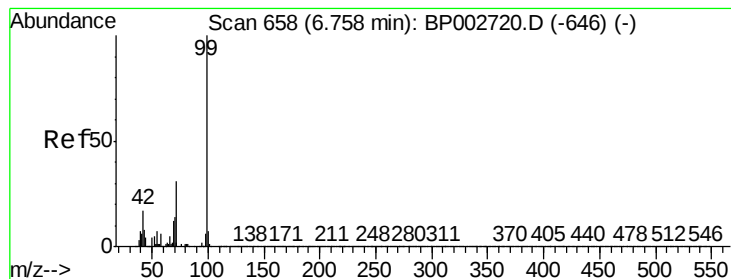


#5

2-Fluorophenol
Concen: 83.183 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.6	68.4
63	29.9	23.5	35.3





#7

Phenol-d6

Concen: 75.418 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002813.D

Acq: 21 Jul 2020 14:37

Instrument :

BNA_P

ClientSampleId :

11977

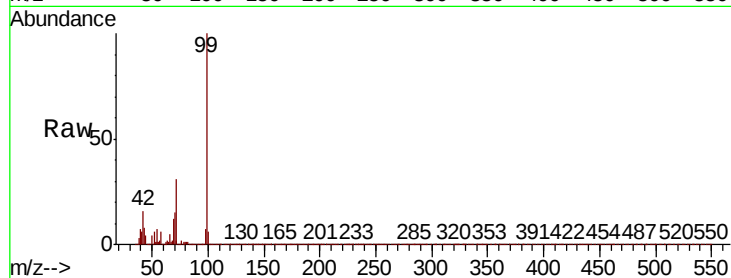
Tot Ion: 99 Resp: 883972

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

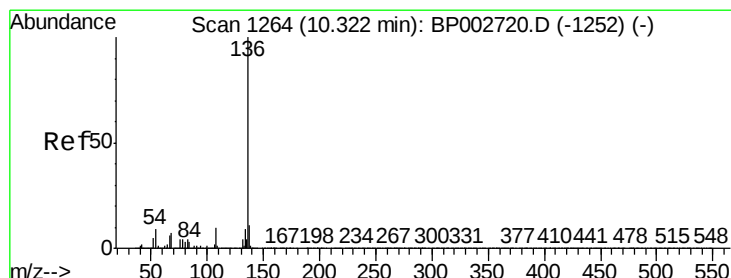
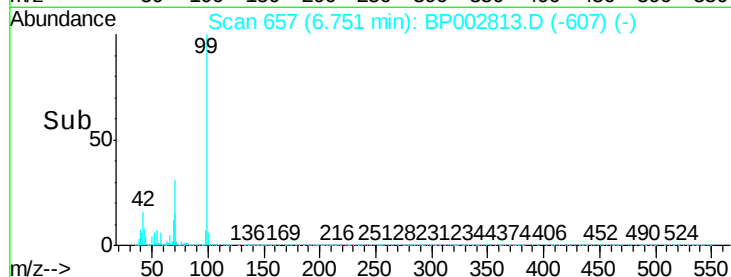
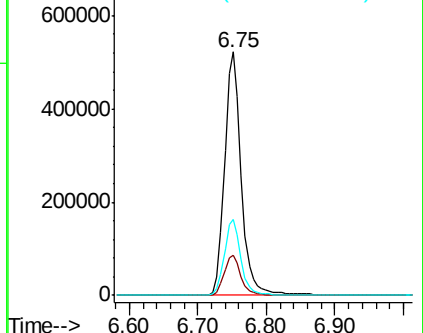
71 31.0 24.6 36.8



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: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002813.D

Acq: 21 Jul 2020 14:37

Tgt Ion: 136 Resp: 539338

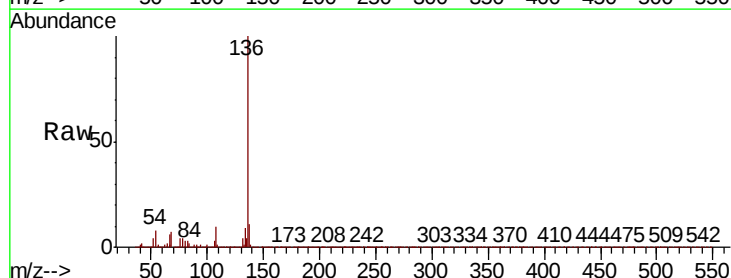
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.1 6.9 10.3

68 6.8 5.7 8.5

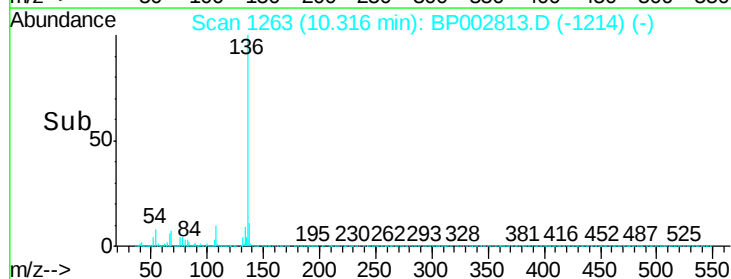
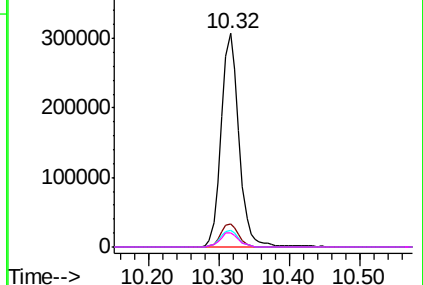


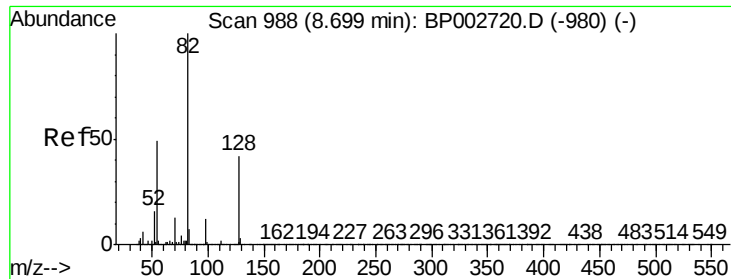
Abundance Ion 136.00 (135.70 to 136.70): E

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

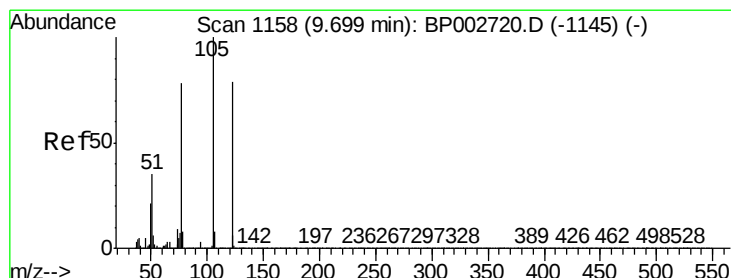
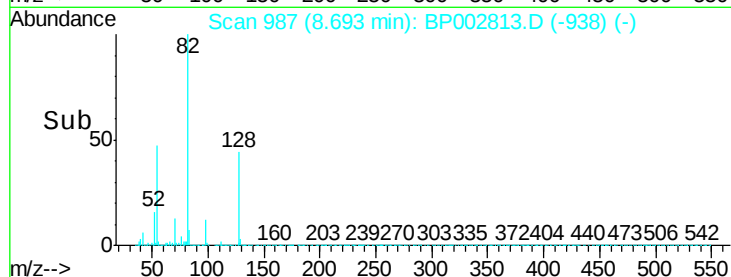
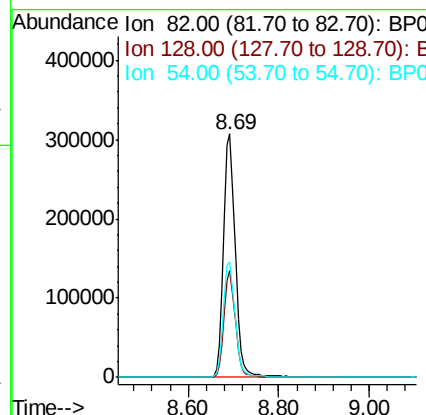
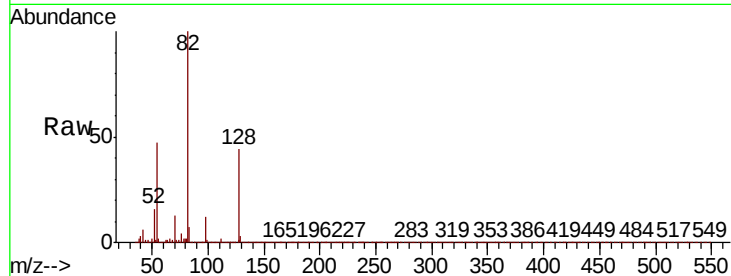




#23
 Nitrobenzene-d5
 Concen: 54.424 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002813.D
 Acq: 21 Jul 2020 14:37

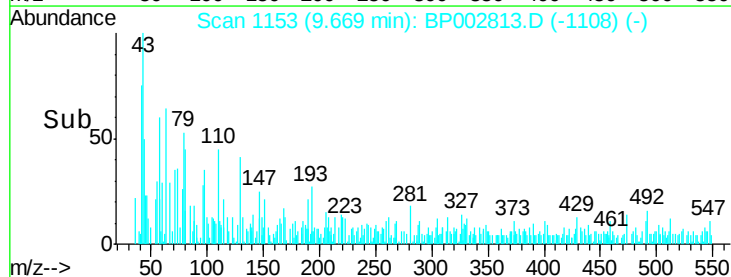
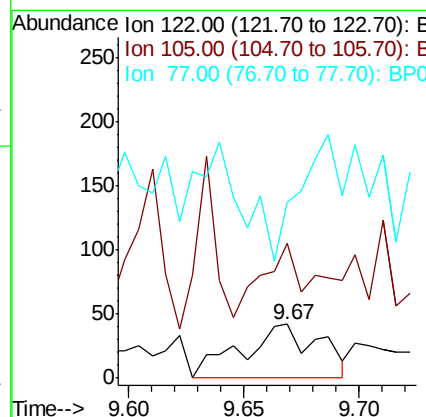
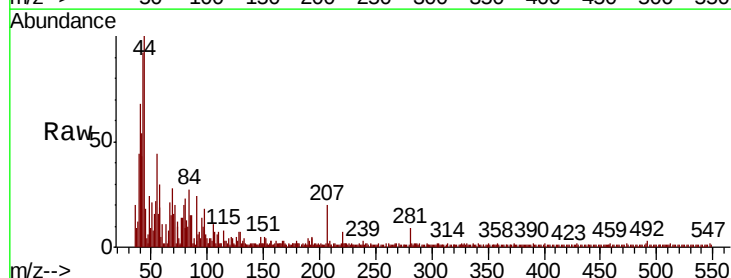
Instrument :
 BNA_P
 ClientSampleId :
 11977

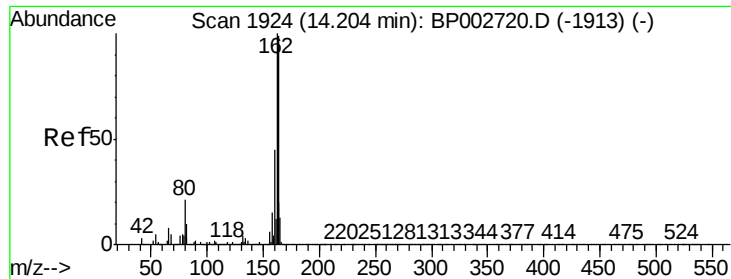
Tot Ion	82	Resp	548818
Ion Ratio	Lower	Upper	
82	100		
128	43.8	33.8	50.8
54	47.3	38.8	58.2



#32
 Benzoic acid
 Concen: 7.076 ng
 RT: 9.67 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BP002813.D
 Acq: 21 Jul 2020 14:37

Tgt Ion	122	Resp	97
Ion Ratio	Lower	Upper	
122	100		
105	250.0	105.4	145.4#
77	326.2	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: BP002813.D

Acq: 21 Jul 2020 14:37

Instrument :

BNA_P

ClientSampleId :

11977

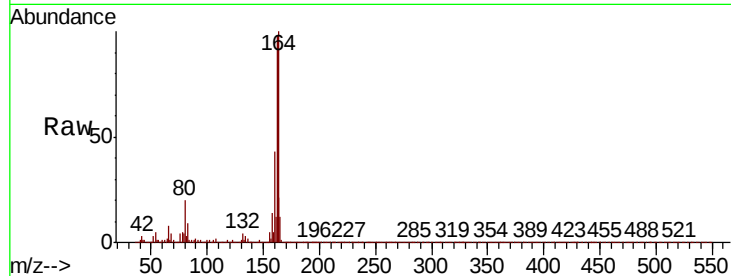
Tot Ion:164 Resp: 327156

Ion Ratio Lower Upper

164 100

162 97.9 80.6 121.0

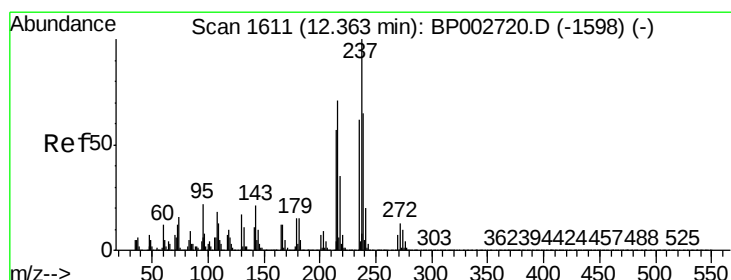
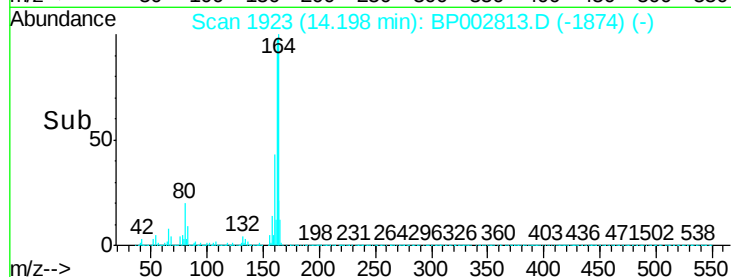
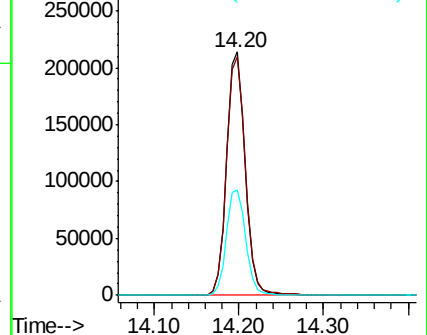
160 43.3 36.4 54.6



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



#41

Hexachlorocyclopentadiene

Concen: 7.437 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.05 min

Lab File: BP002813.D

Acq: 21 Jul 2020 14:37

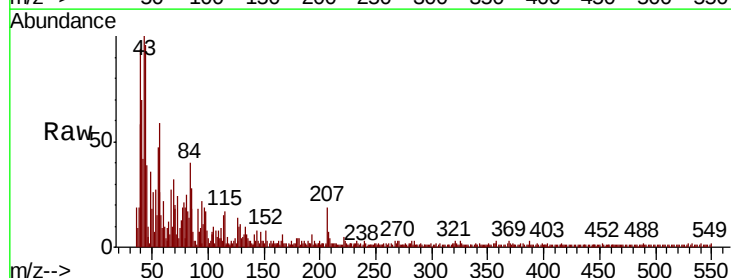
Tgt Ion:237 Resp: 16

Ion Ratio Lower Upper

237 100

235 53.3 42.3 82.3

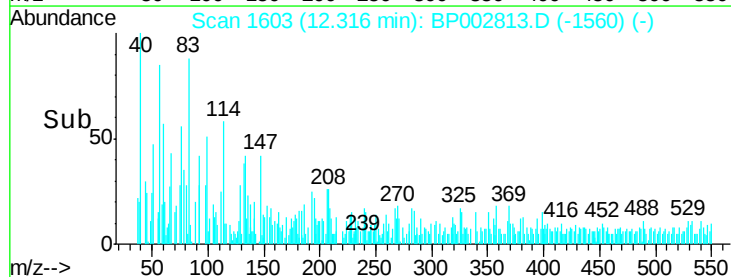
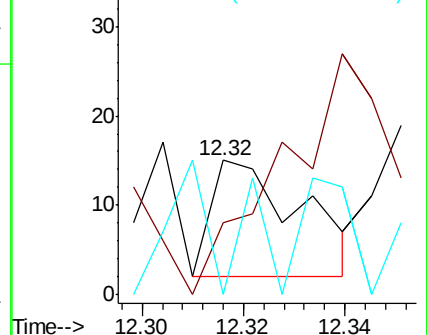
272 0.0 0.0 32.5

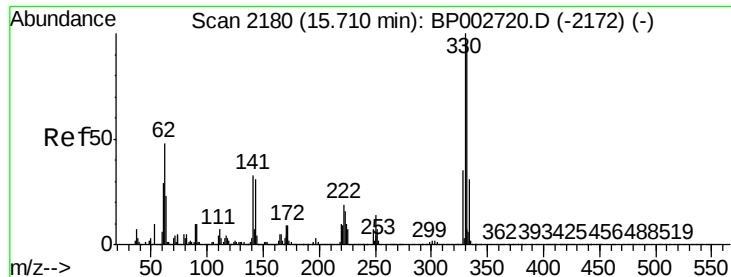


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

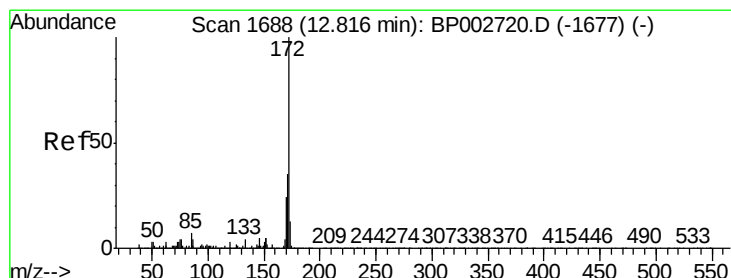
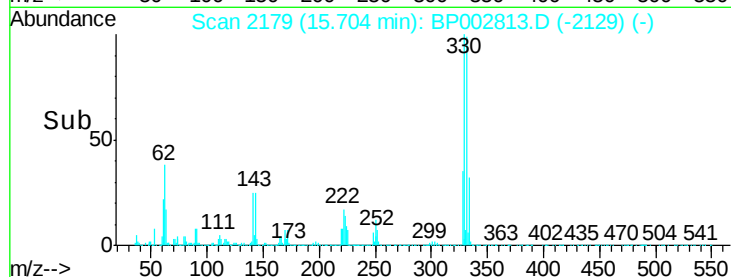
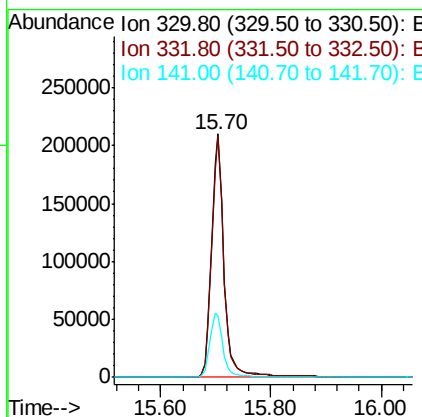
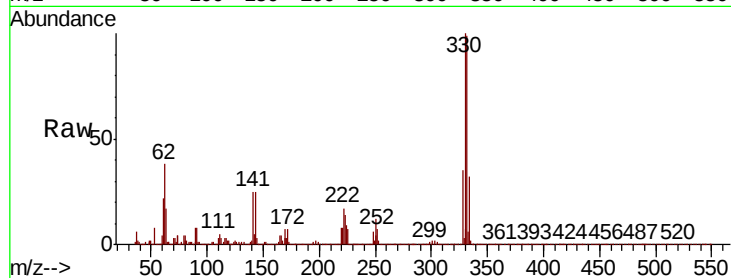




#42
2,4,6-Tribromophenol
Concen: 96.432 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

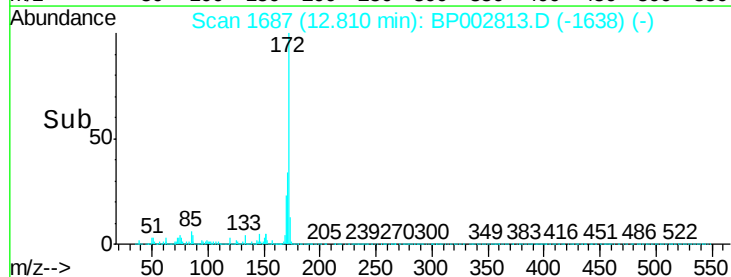
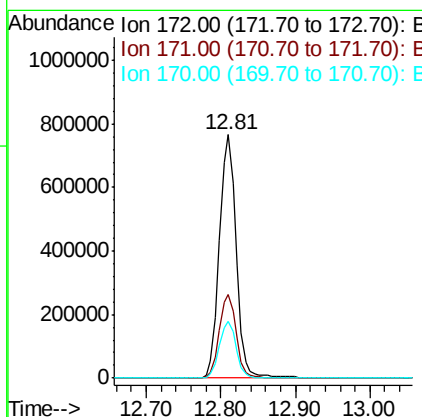
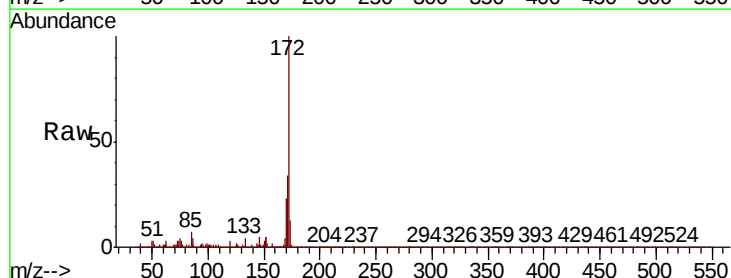
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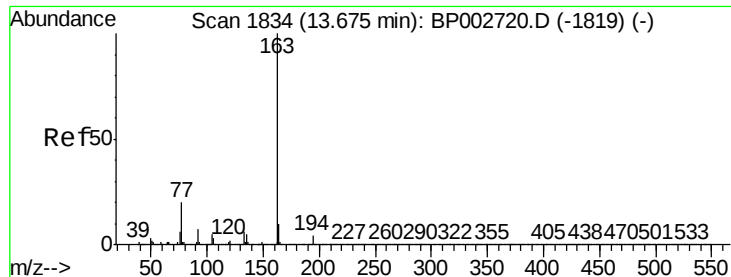
Tot Ion:330 Resp: 329313
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 27.7 28.8 43.2#



#45
2-Fluorobiphenyl
Concen: 56.973 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

Tgt Ion:172 Resp: 1204873
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.4 19.3 28.9





#50

Dimethylphthalate

Concen: 6.811 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002813.D

Acq: 21 Jul 2020 14:37

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BNA_P

ClientSampleId :

11977

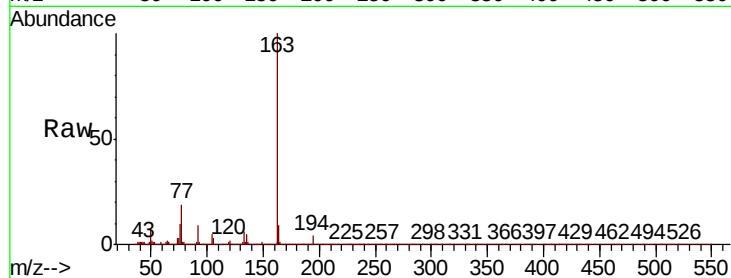
Tot Ion:163 Resp: 169942

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

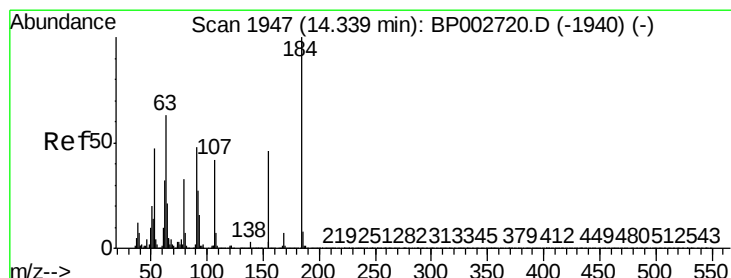
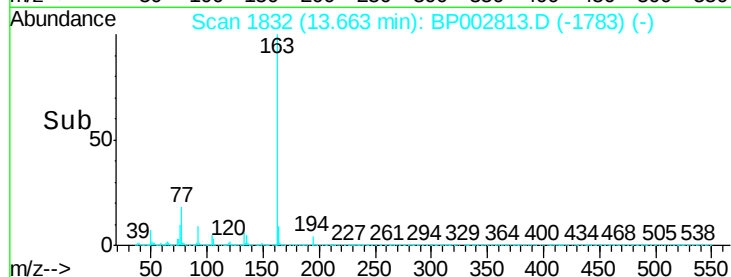
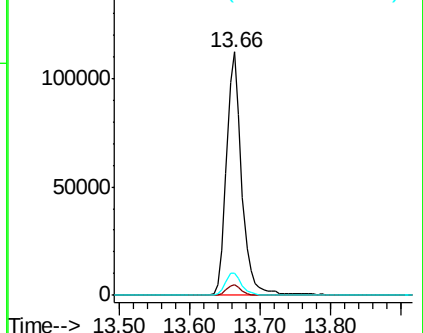
164 9.3 7.8 11.8



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



#54

2,4-Dinitrophenol

Concen: 11.392 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002813.D

Acq: 21 Jul 2020 14:37

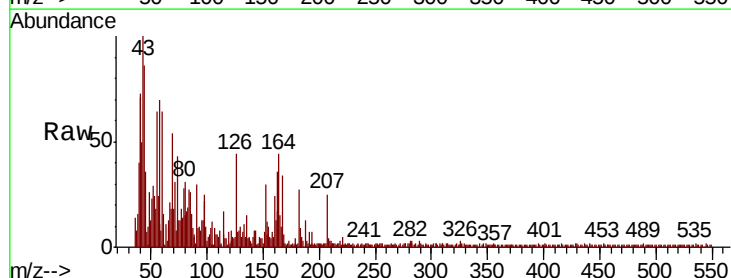
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

63 224.1 51.6 77.4#

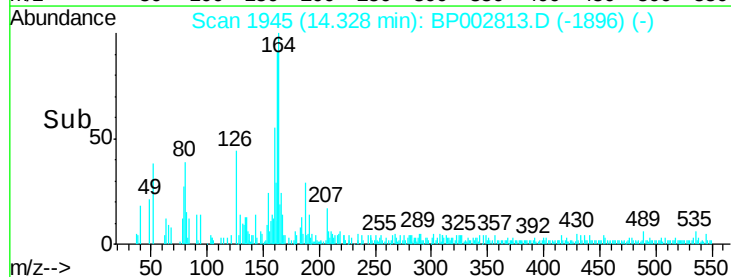
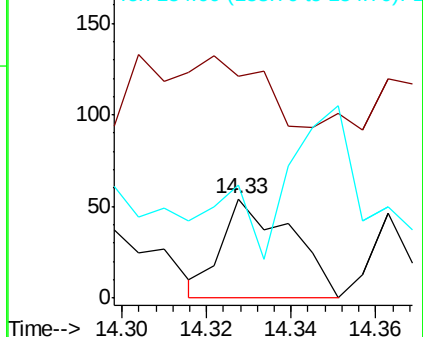
154 114.8 45.0 67.6#

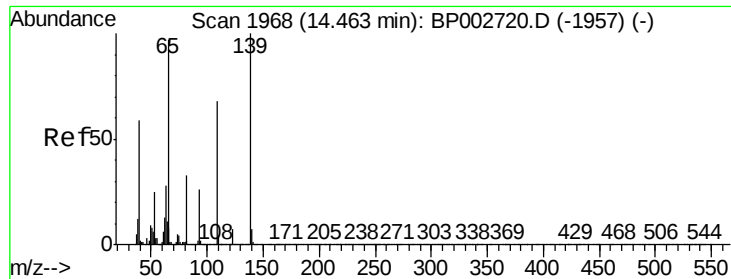


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

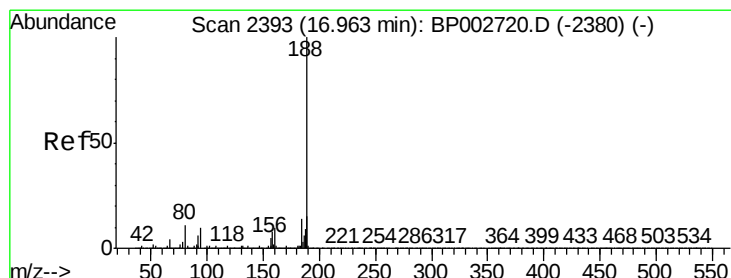
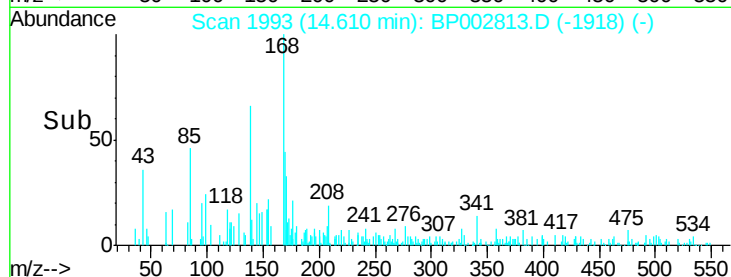
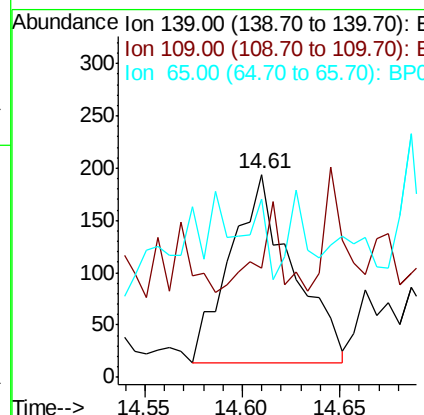
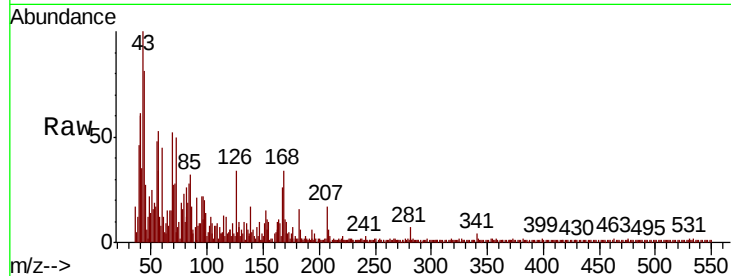




#56
4-Nitrophenol
Concen: 5.050 ng
RT: 14.61 min Scan# 1993
Delta R.T. 0.14 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

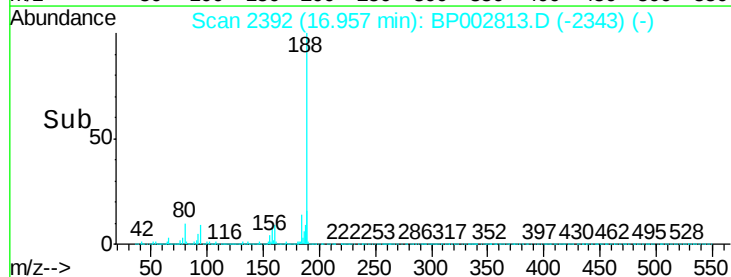
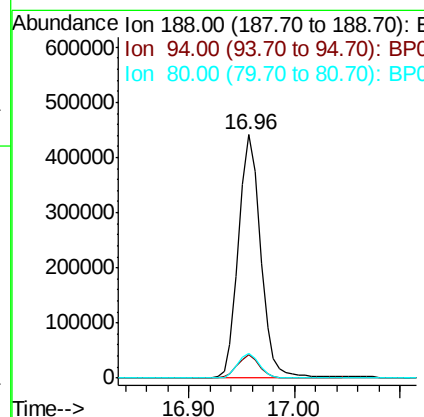
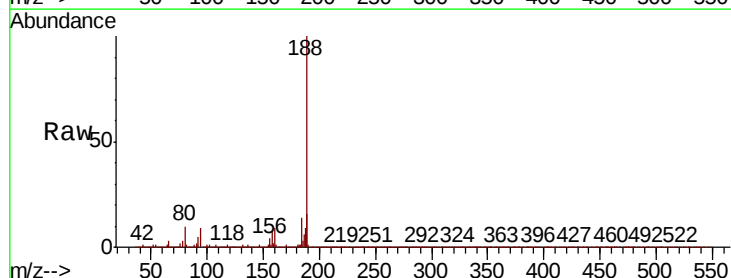
Instrument :
BNA_P
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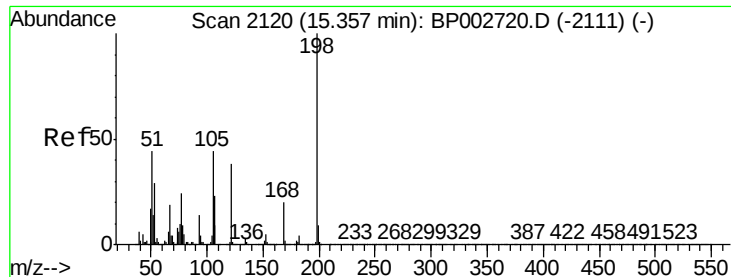
Tot Ion:139 Resp: 397
Ion Ratio Lower Upper
139 100
109 54.1 48.1 88.1
65 88.1 77.9 117.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

Tgt Ion:188 Resp: 646163
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.0 8.9 13.3

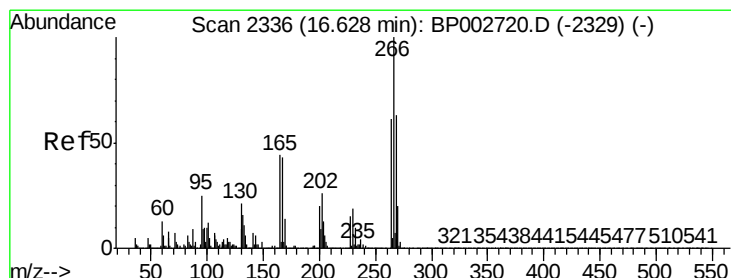
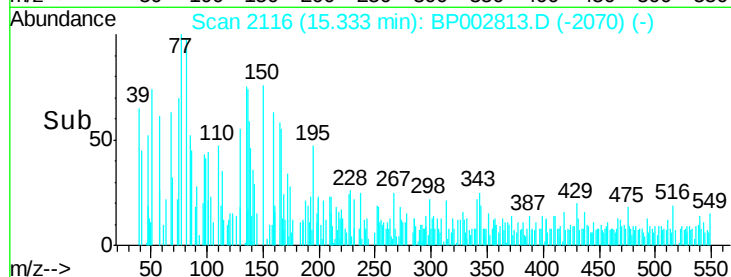
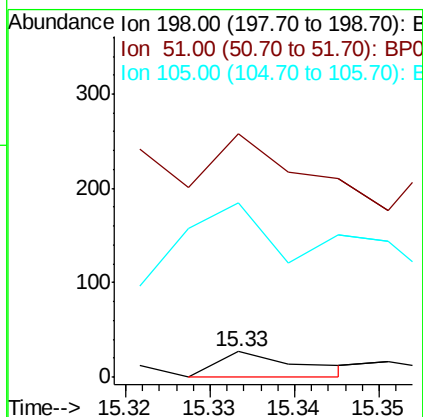
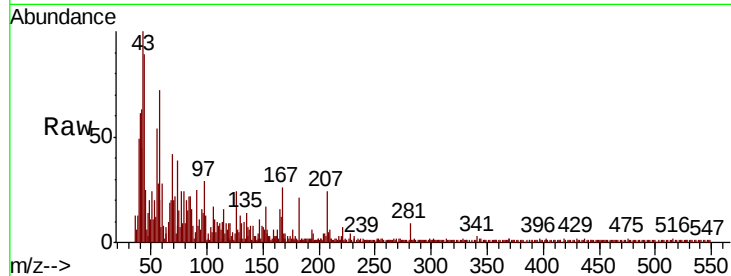




#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.33 min Scan# 2116
Delta R.T. -0.03 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

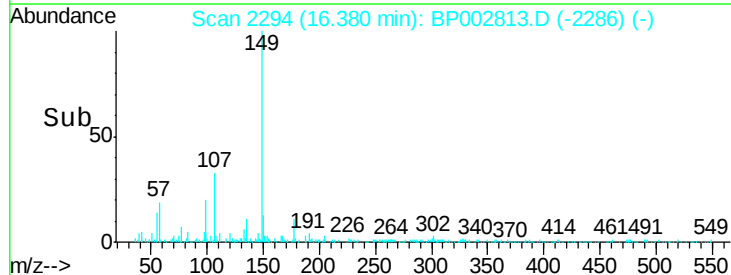
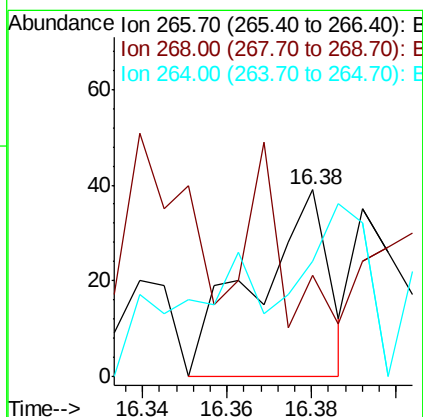
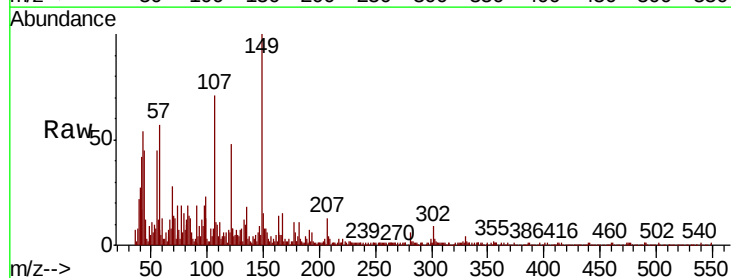
Instrument :
BNA_P
ClientSampleId :
11977

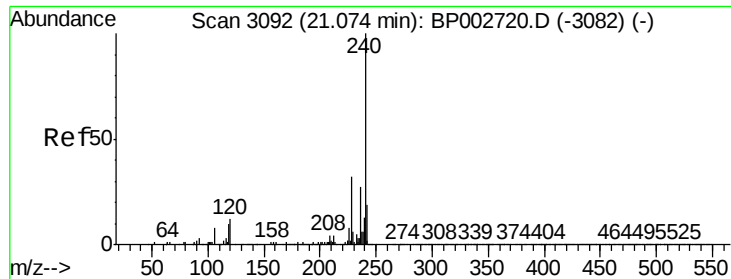
Tot Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 955.6 27.1 67.1#
105 685.2 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.453 ng
RT: 16.38 min Scan# 2294
Delta R.T. -0.25 min
Lab File: BP002813.D
Acq: 21 Jul 2020 14:37

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
268 53.8 50.6 75.8
264 61.5 48.6 72.8

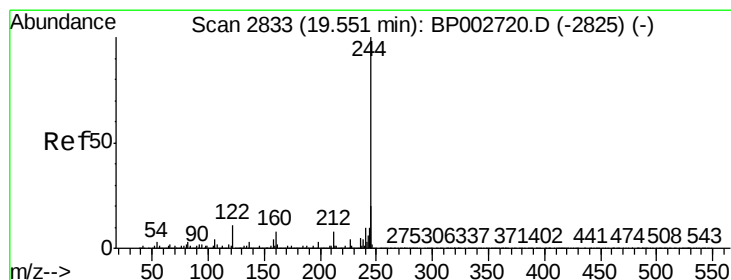
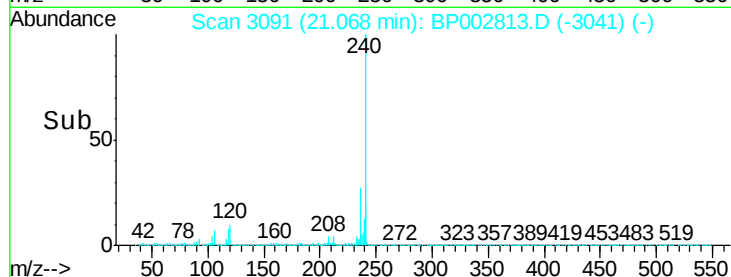
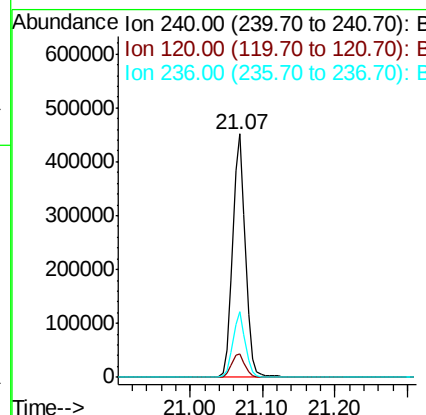
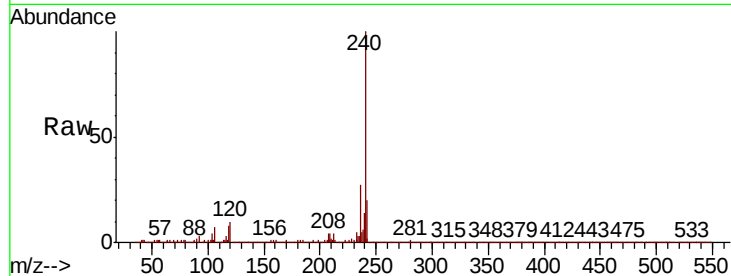




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002813.D
 Acq: 21 Jul 2020 14:37

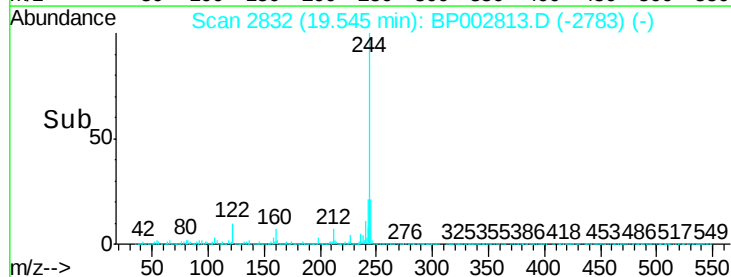
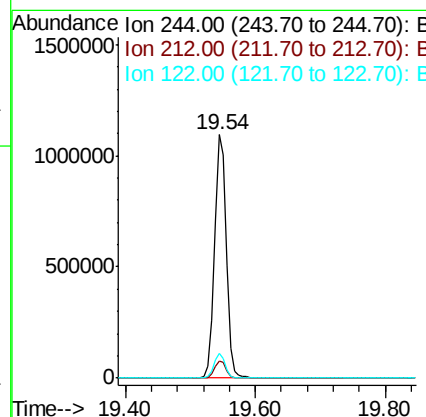
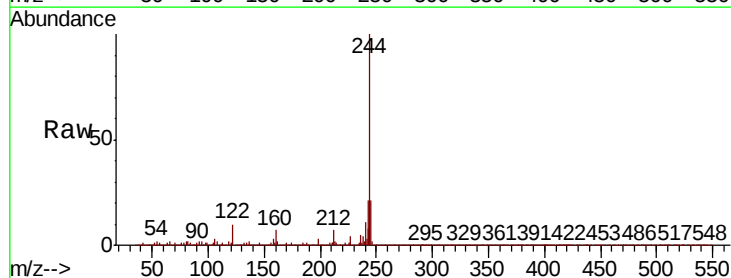
Instrument :
 BNA_P
 ClientSampleId :
 11977

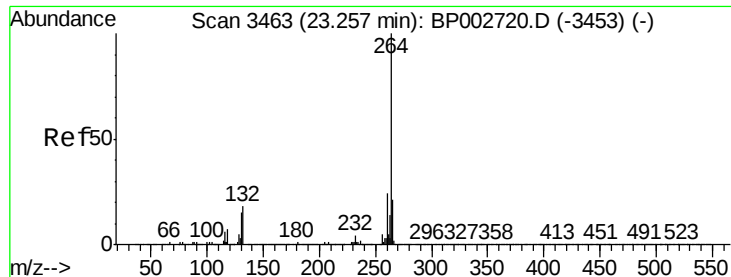
Tot Ion:240 Resp: 552470
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.4 14.2
 236 27.0 21.3 31.9



#79
 Terphenyl-d14
 Concen: 56.764 ng
 RT: 19.54 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002813.D
 Acq: 21 Jul 2020 14:37

Tgt Ion:244 Resp: 1367821
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BP002813.D
 Acq: 21 Jul 2020 14:37

Instrument :
 BNA_P
 ClientSampleId :
 11977

Tot Ion:	264	Resp:	659906
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.4	16.8	25.2

