

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002814.D
 Acq On : 21 Jul 2020 15:12
 Operator : CG/JU
 Sample : L3355-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11935

Quant Time: Jul 21 15:42:29 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

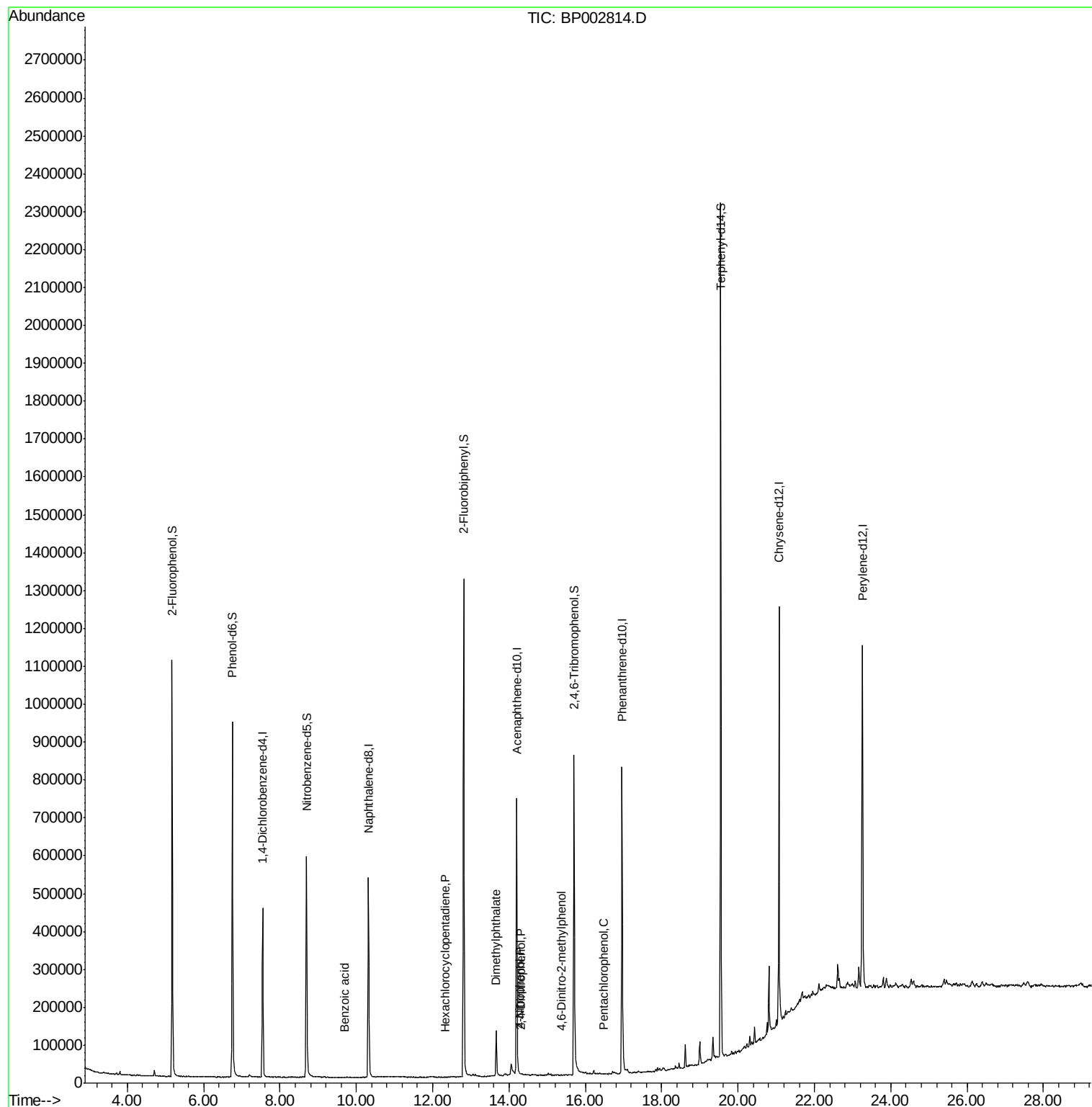
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	127000	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	465863	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	260976	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	520661	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	529768	20.00	ng	0.00
86) Perylene-d12	23.26	264	648636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	489845	65.08	ng	0.00
7) Phenol-d6	6.75	99	611960	56.96	ng	0.00
23) Nitrobenzene-d5	8.69	82	374239	42.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	204615	75.11	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	739218	43.82	ng	-0.01
79) Terphenyl-d14	19.55	244	976187	42.25	ng	-0.01
Target Compounds						
32) Benzoic acid	9.68	122	14	7.064	ng	# 1
41) Hexachlorocyclopentadiene	12.32	237	11	7.437	ng	88
50) Dimethylphthalate	13.66	163	94455	4.746	ng	99
54) 2,4-Dinitrophenol	14.32	184	27	11.384	ng	# 1
56) 4-Nitrophenol	14.29	139	73	4.990	ng	86
65) 4,6-Dinitro-2-methylphenol	15.36	198	44	5.279	ng	# 1
70) Pentachlorophenol	16.49	266	75	7.465	ng	90

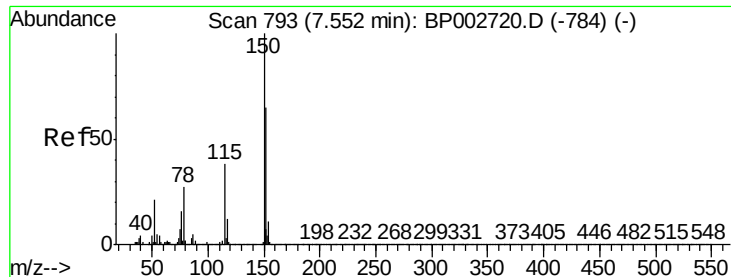
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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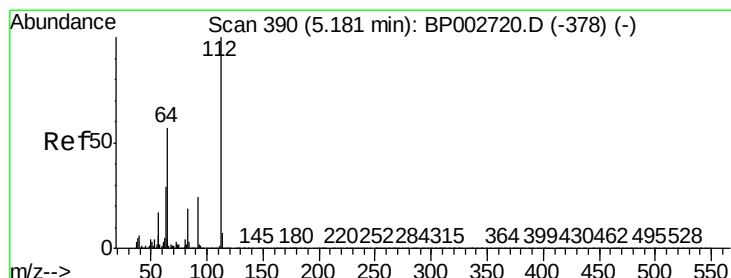
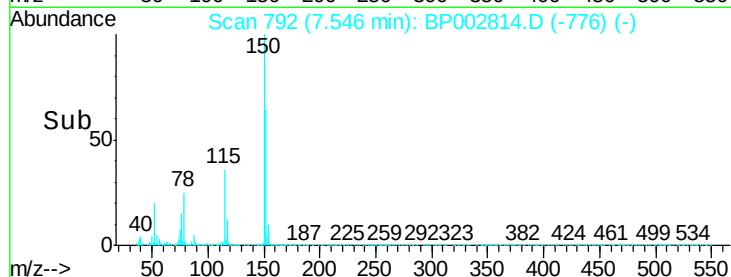
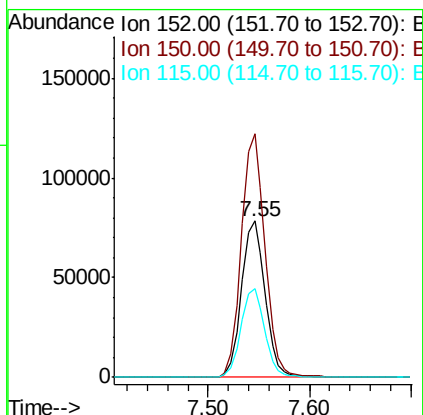
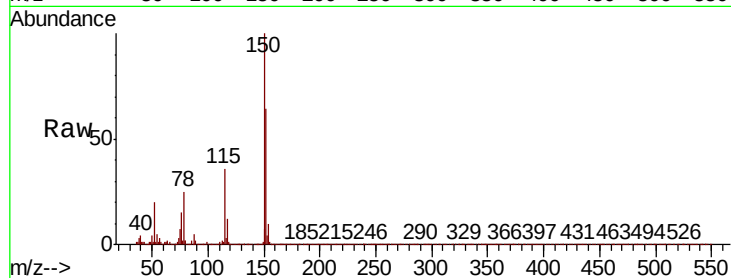


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_P
ClientSampleId :
11935

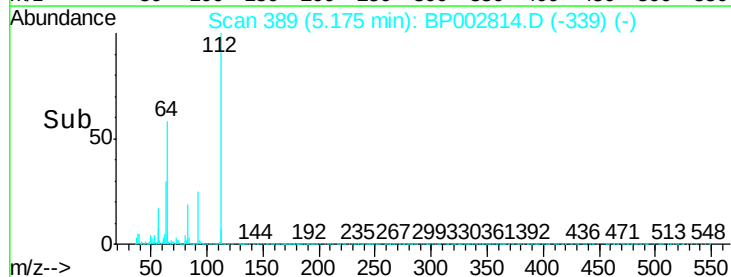
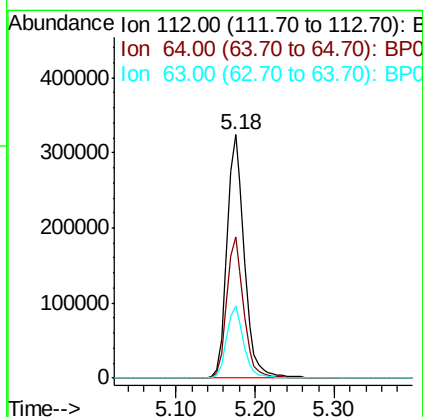
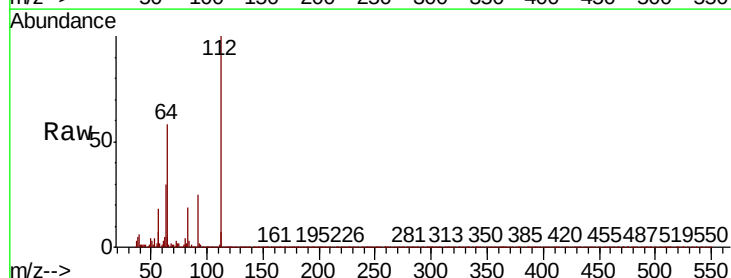
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.7	185.5
115	56.9	47.2	70.8

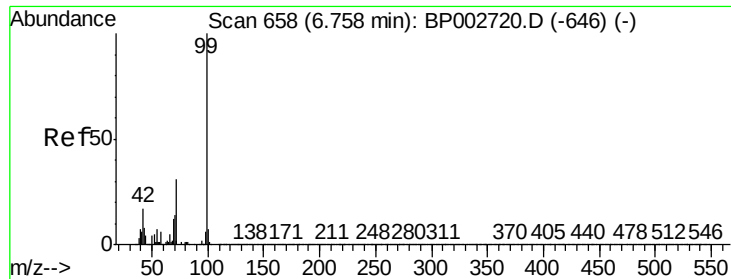


#5

2-Fluorophenol
Concen: 65.076 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.6	68.4
63	29.7	23.5	35.3





#7

Phenol-d6

Concen: 56.965 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002814.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_P

ClientSampleId :

11935

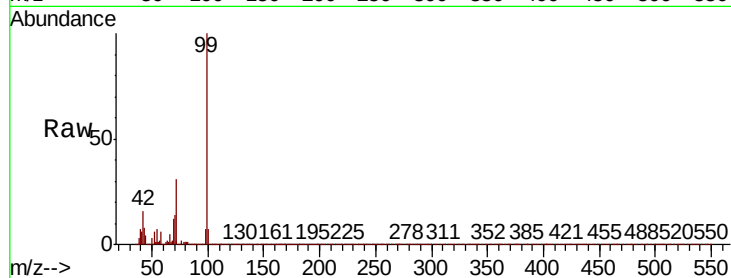
Tot Ion: 99 Resp: 611960

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

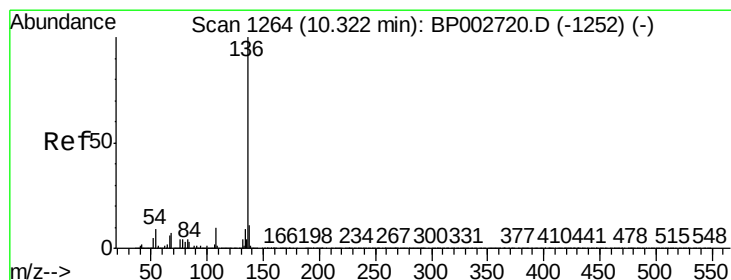
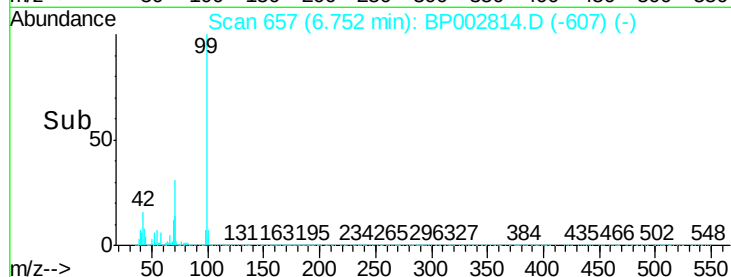
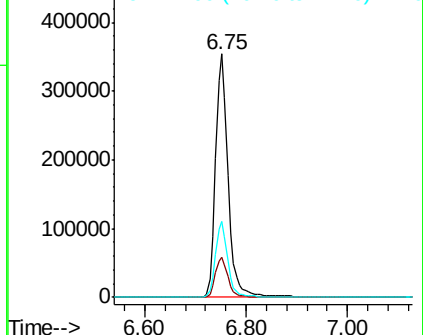
71 31.1 24.6 36.8



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: BP002814.D

Acq: 21 Jul 2020 15:12

Tgt Ion: 136 Resp: 465863

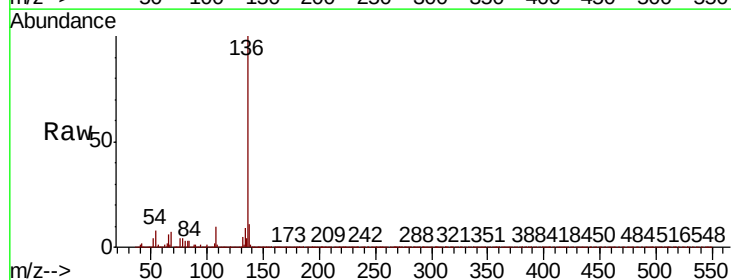
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.2 6.9 10.3

68 6.7 5.7 8.5

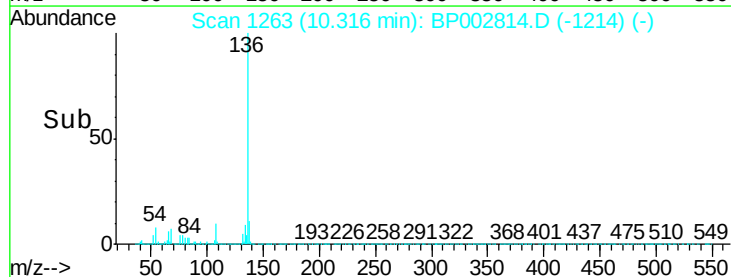
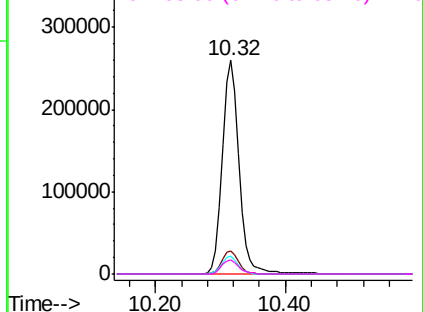


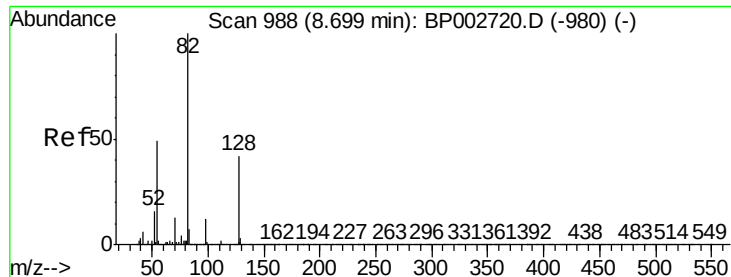
Abundance Ion 136.00 (135.70 to 136.70): E

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

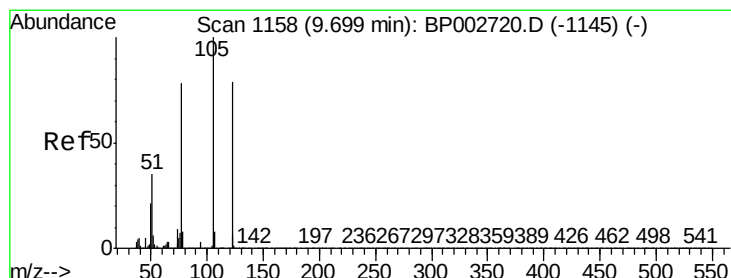
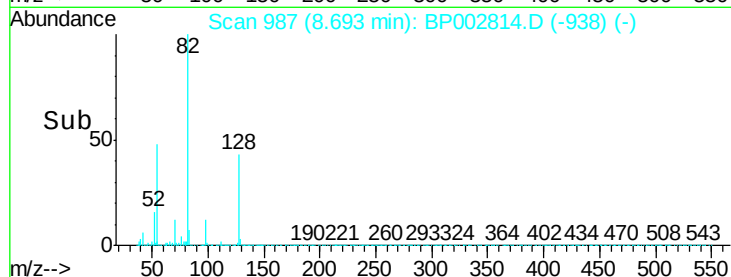
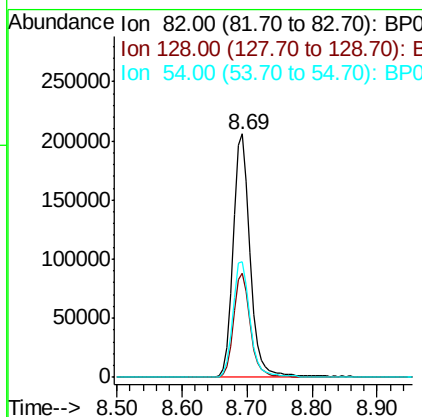
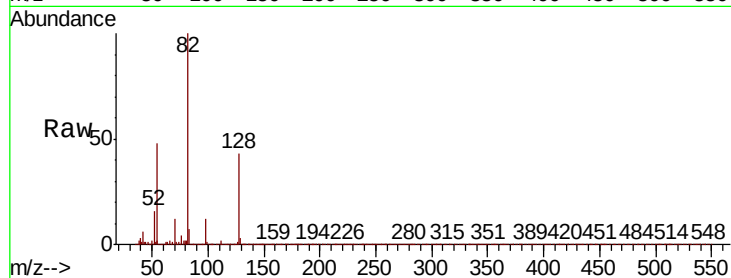




#23
Nitrobenzene-d5
Concen: 42.965 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

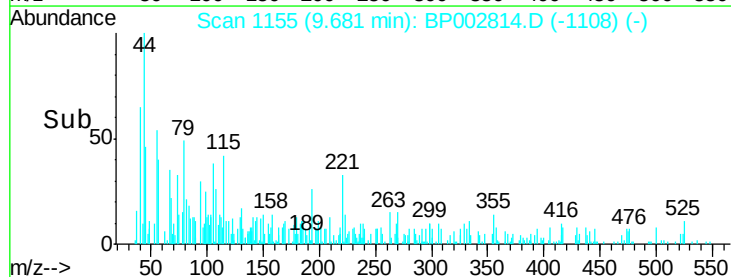
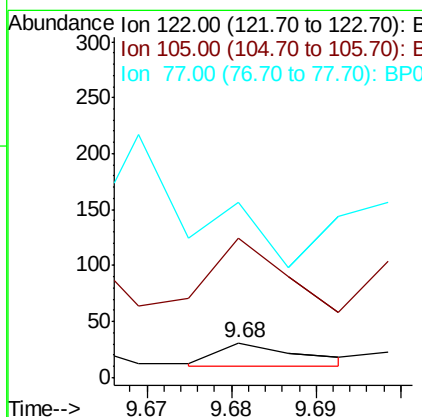
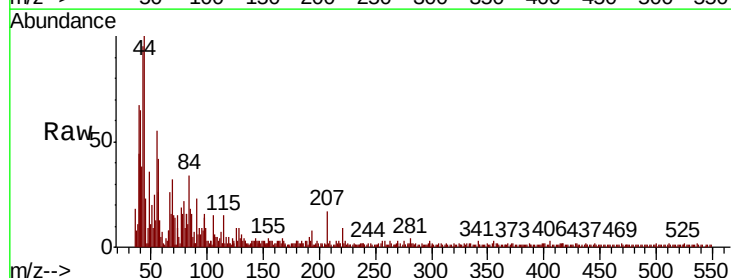
Instrument :
BNA_P
ClientSampled :
11935

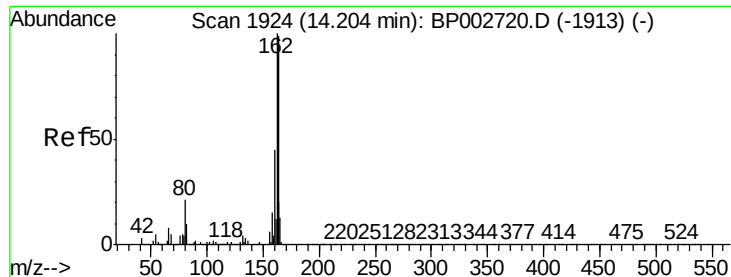
Tot Ion	82	Resp	374239
Ion Ratio	100	Lower	Upper
128	42.9	33.8	50.8
54	47.5	38.8	58.2



#32
Benzoic acid
Concen: 7.064 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion	122	Resp	14
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	400.0	105.4	145.4#
77	506.5	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: BP002814.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_P

ClientSampleId :

11935

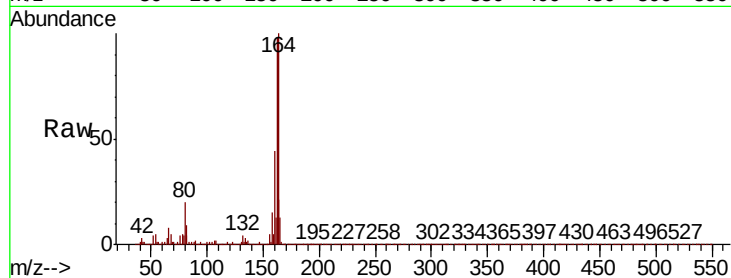
Tot Ion:164 Resp: 260976

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

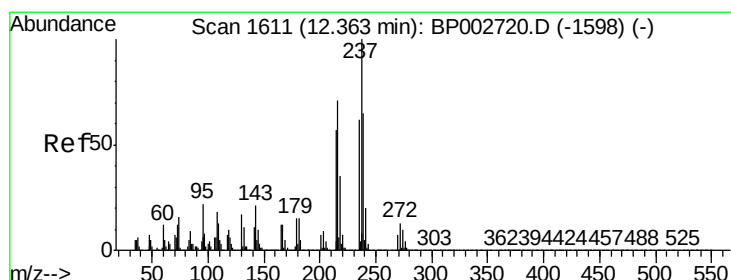
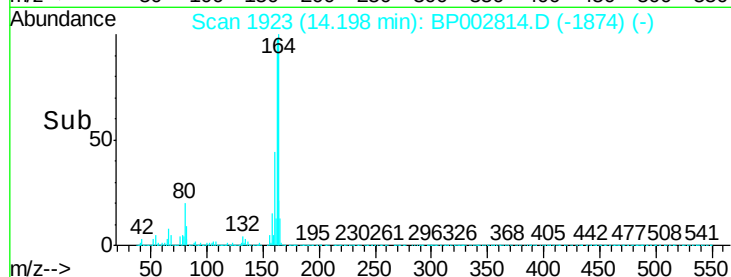
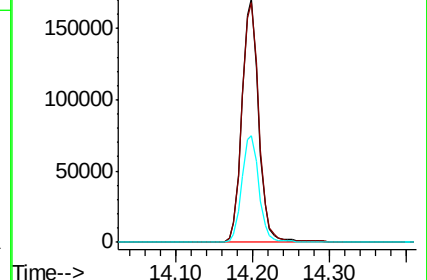
160 44.0 36.4 54.6



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# 1604

Delta R.T. -0.04 min

Lab File: BP002814.D

Acq: 21 Jul 2020 15:12

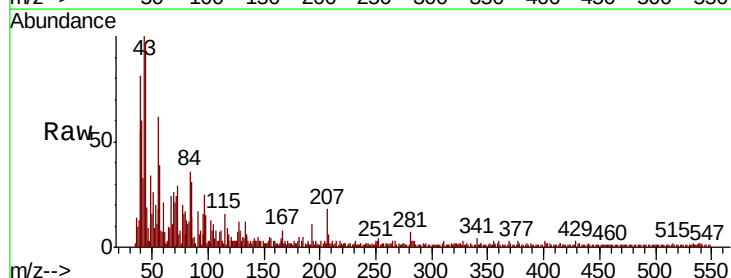
Tgt Ion:237 Resp: 11

Ion Ratio Lower Upper

237 100

235 56.3 42.3 82.3

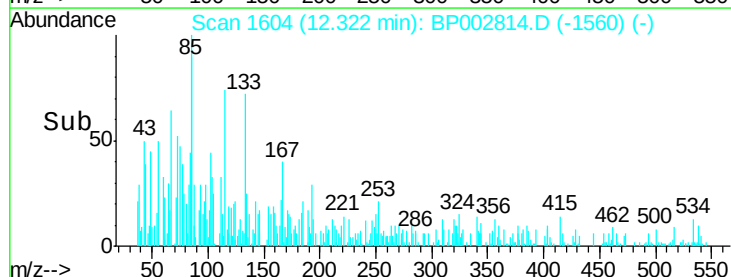
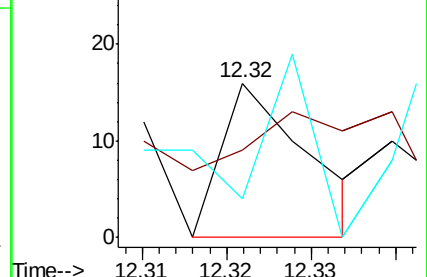
272 25.0 0.0 32.5

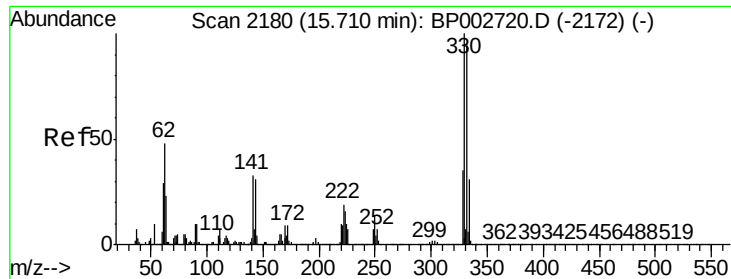


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

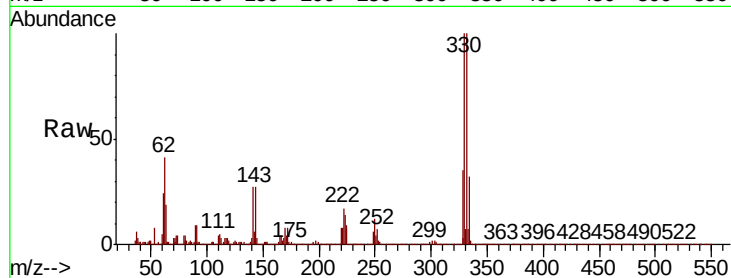




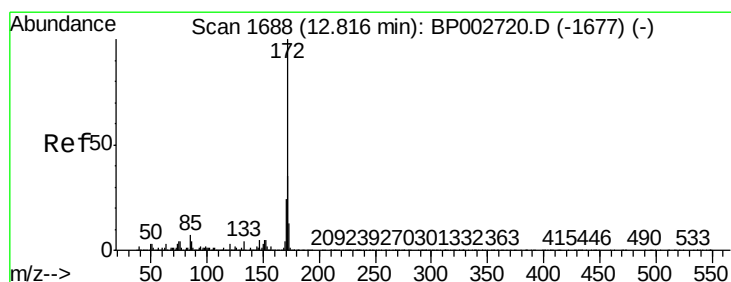
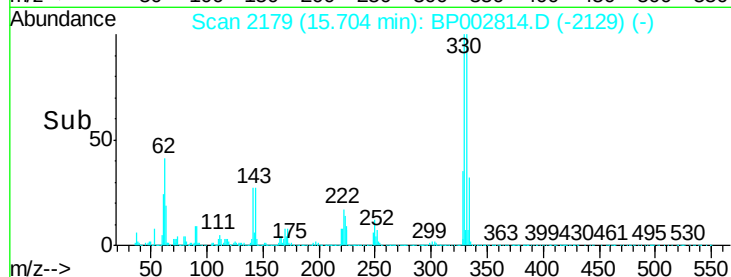
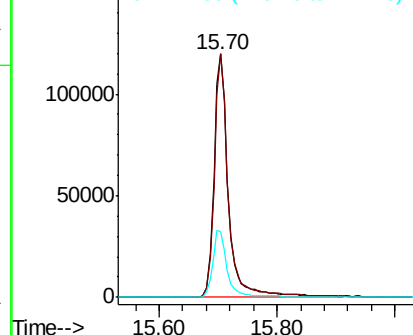
#42
2,4,6-Tribromophenol
Concen: 75.111 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_P
ClientSampleId :
11935

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.5	114.7
141	27.5	28.8	43.2#

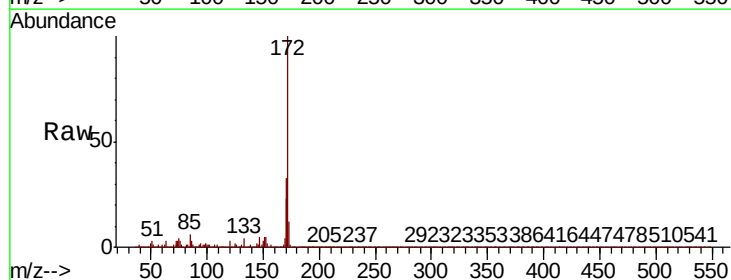


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

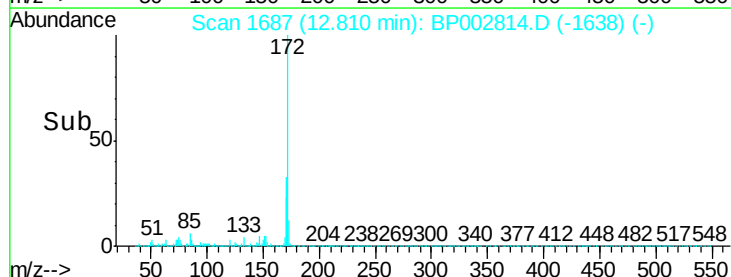
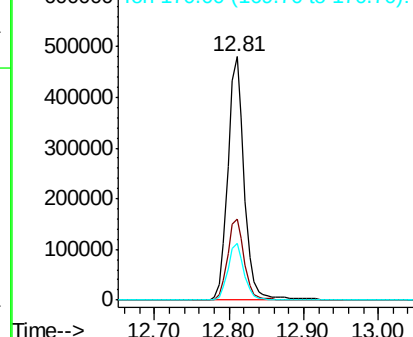


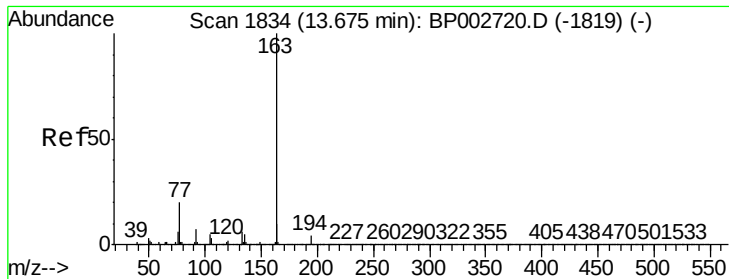
#45
2-Fluorobiphenyl
Concen: 43.818 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.1	42.1
170	23.1	19.3	28.9



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





#50

Dimethylphthalate

Concen: 4.746 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002814.D

Acq: 21 Jul 2020 15:12

Instrument :

BNA_P

ClientSampleId :

11935

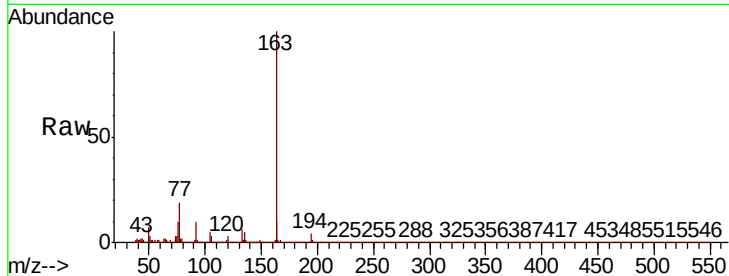
Tot Ion:163 Resp: 94455

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

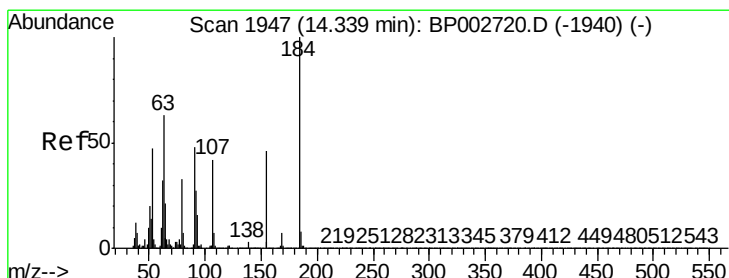
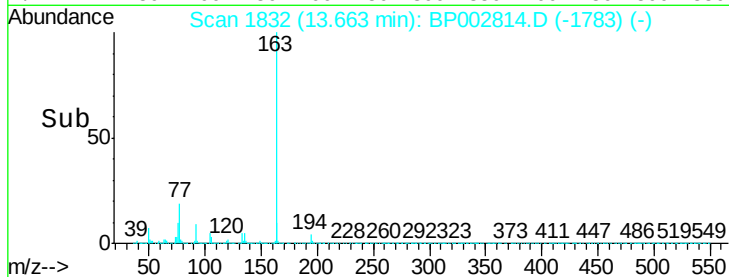
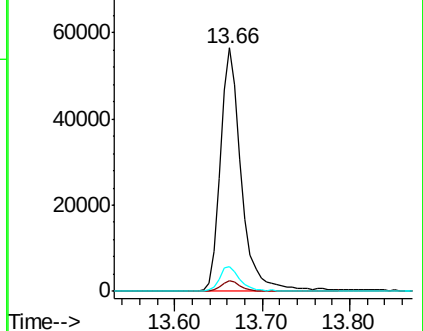
164 10.3 7.8 11.8



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: 11.384 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BP002814.D

Acq: 21 Jul 2020 15:12

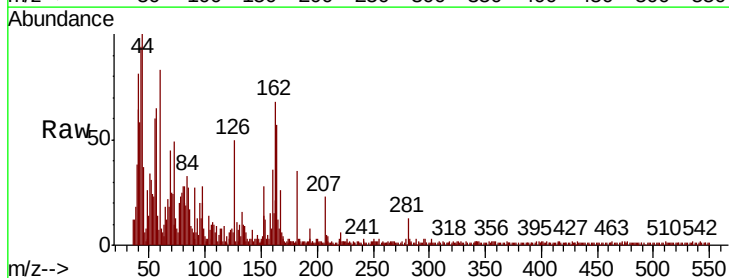
Tgt Ion:184 Resp: 27

Ion Ratio Lower Upper

184 100

63 217.9 51.6 77.4#

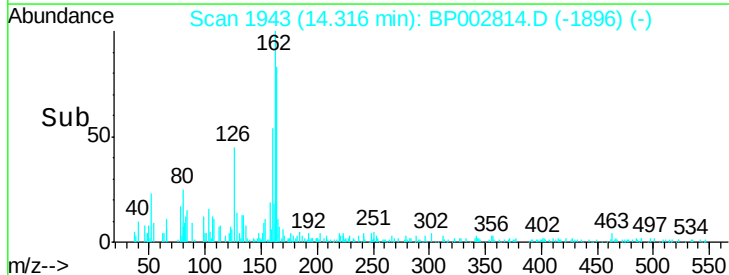
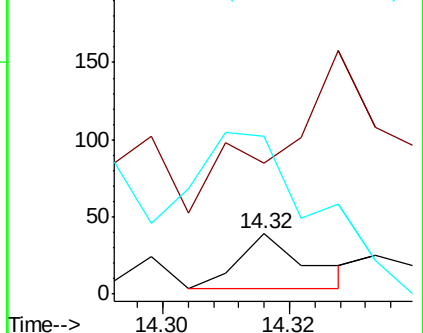
154 261.5 45.0 67.6#

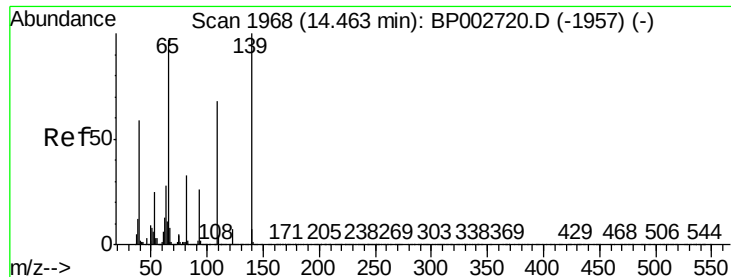


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

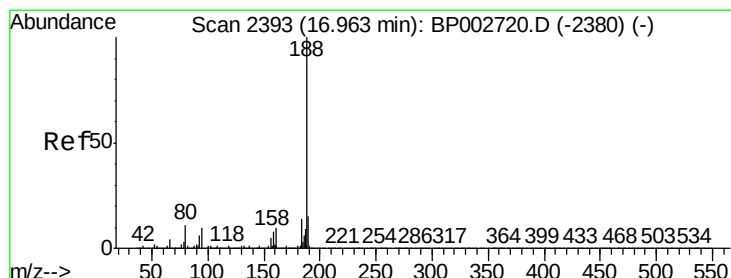
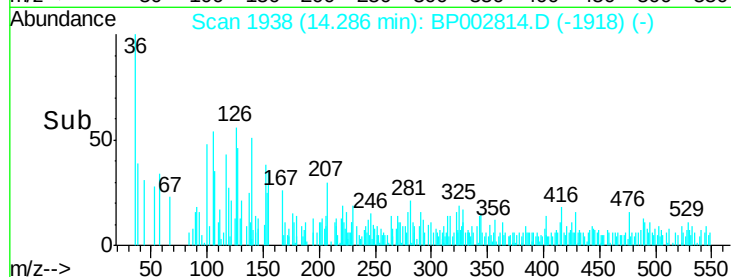
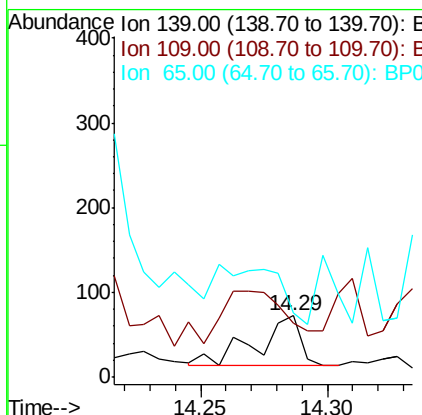
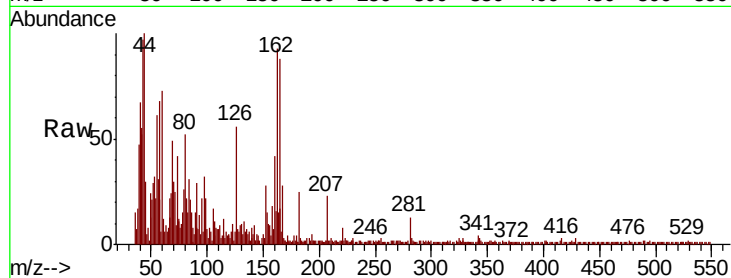




#56
4-Nitrophenol
Concen: 4.990 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.18 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

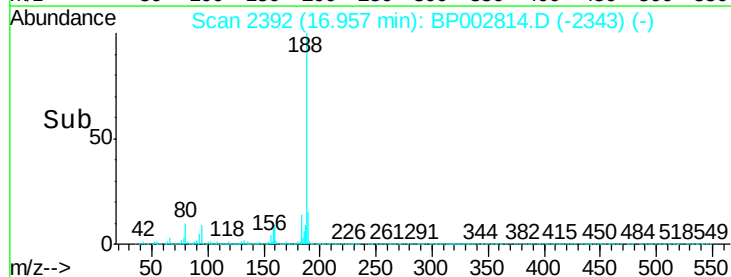
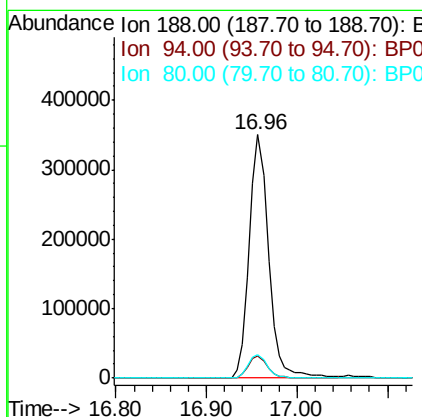
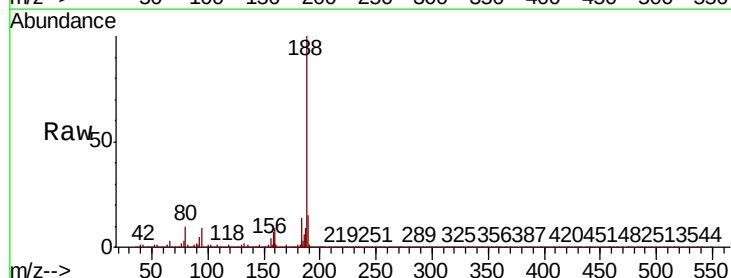
Instrument :
BNA_P
ClientSampleId :
11935

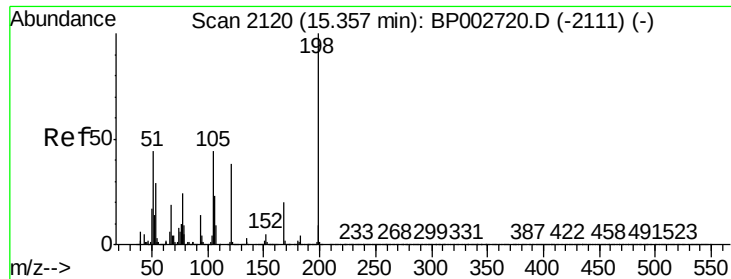
Tot Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 87.5 48.1 88.1
65 105.6 77.9 117.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion:188 Resp: 520661
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 9.7 8.9 13.3

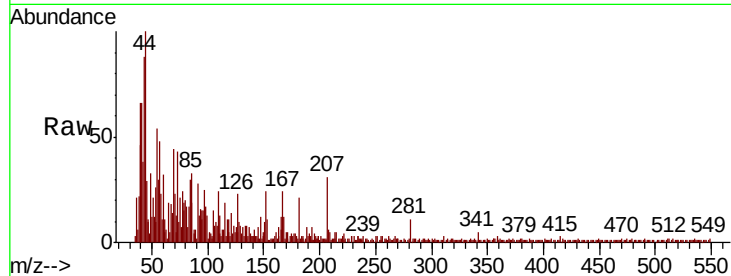




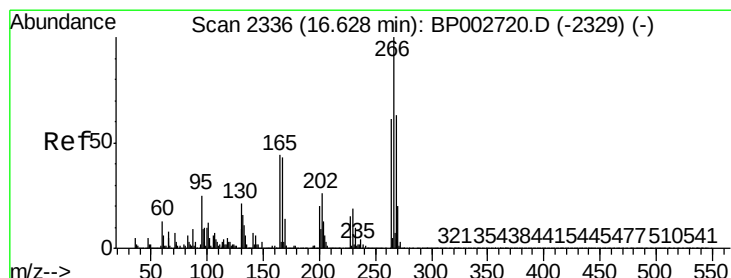
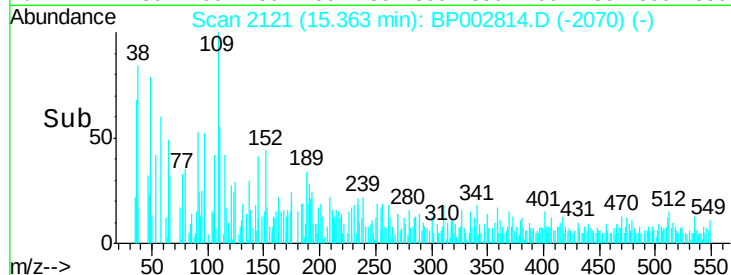
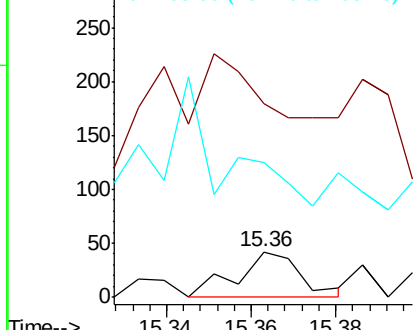
#65
4,6-Dinitro-2-methylphenol
Concen: 5.279 ng
RT: 15.36 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_P
ClientSampled :
11935

Tot Ion:198 Resp: 44
Ion Ratio Lower Upper
198 100
51 426.2 27.1 67.1#
105 297.6 24.9 64.9#

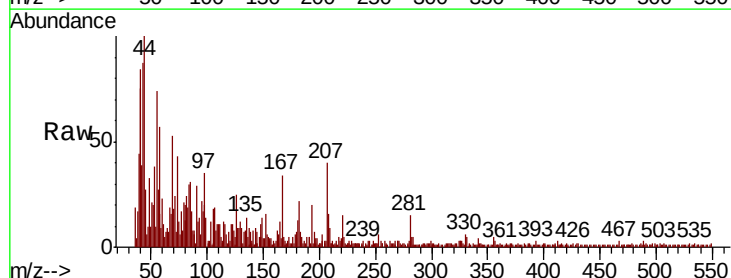


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

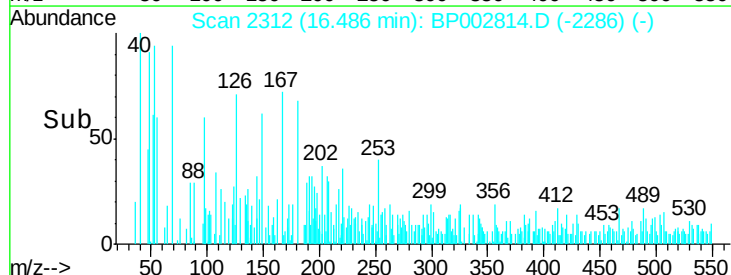
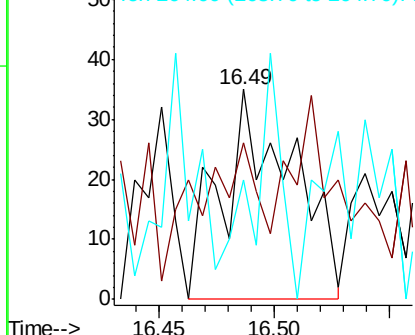


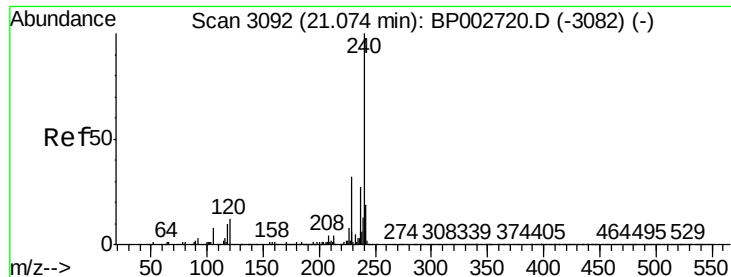
#70
Pentachlorophenol
Concen: 7.465 ng
RT: 16.49 min Scan# 2312
Delta R.T. -0.15 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
268 74.3 50.6 75.8
264 57.1 48.6 72.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

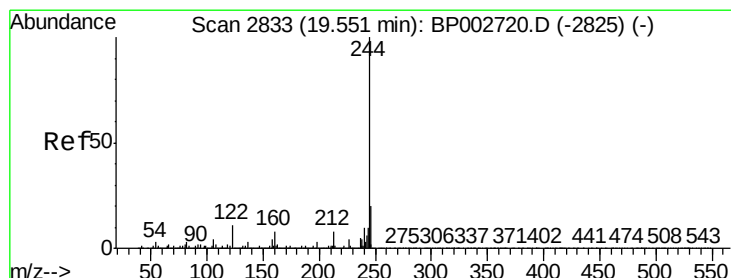
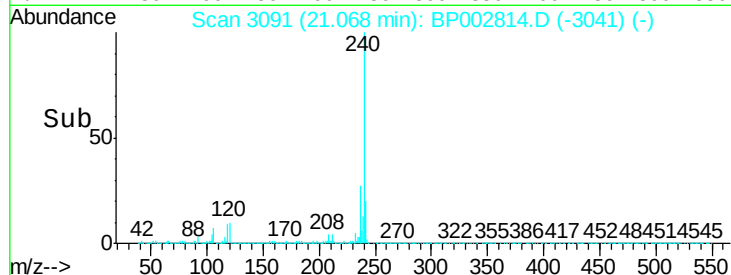
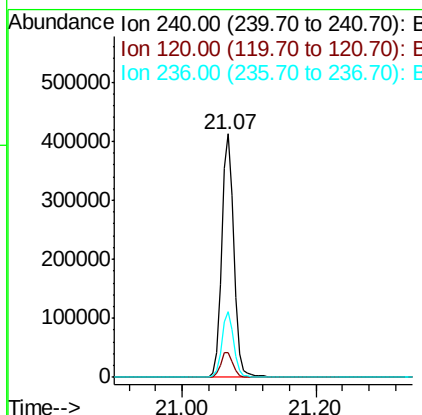
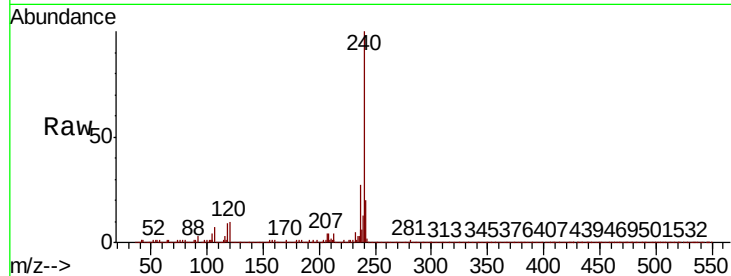




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

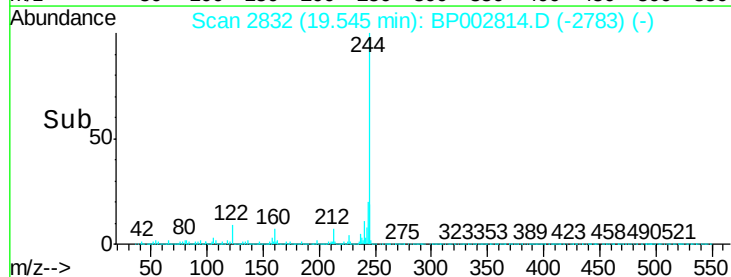
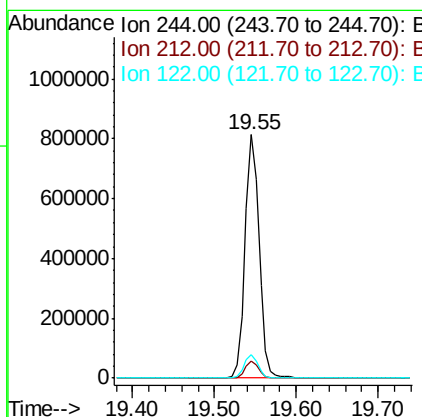
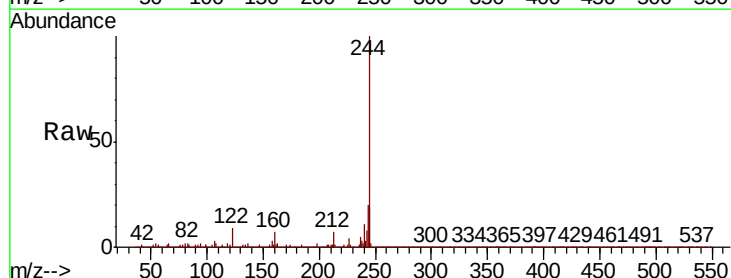
Instrument :
BNA_P
ClientSampled :
11935

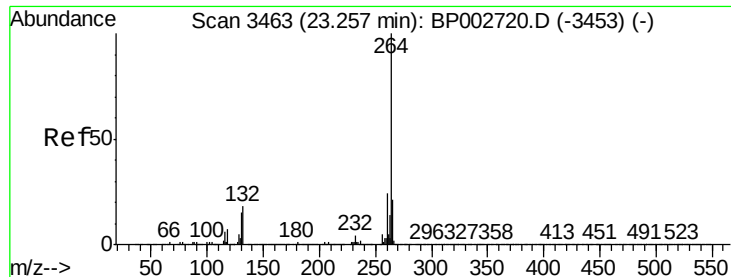
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.4	14.2
236	27.0	21.3	31.9



#79
Terphenyl-d14
Concen: 42.247 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.5	8.9	13.3

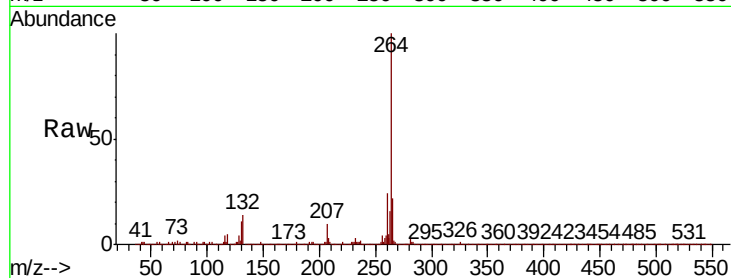




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002814.D
Acq: 21 Jul 2020 15:12

Instrument :
BNA_P
ClientSampleId :
11935

Tot Ion:	264	Resp:	648636
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.7	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

