

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002774.D
 Acq On : 16 Jul 2020 16:14
 Operator : CG/JU
 Sample : L3308-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2

Quant Time: Jul 16 17:25:03 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

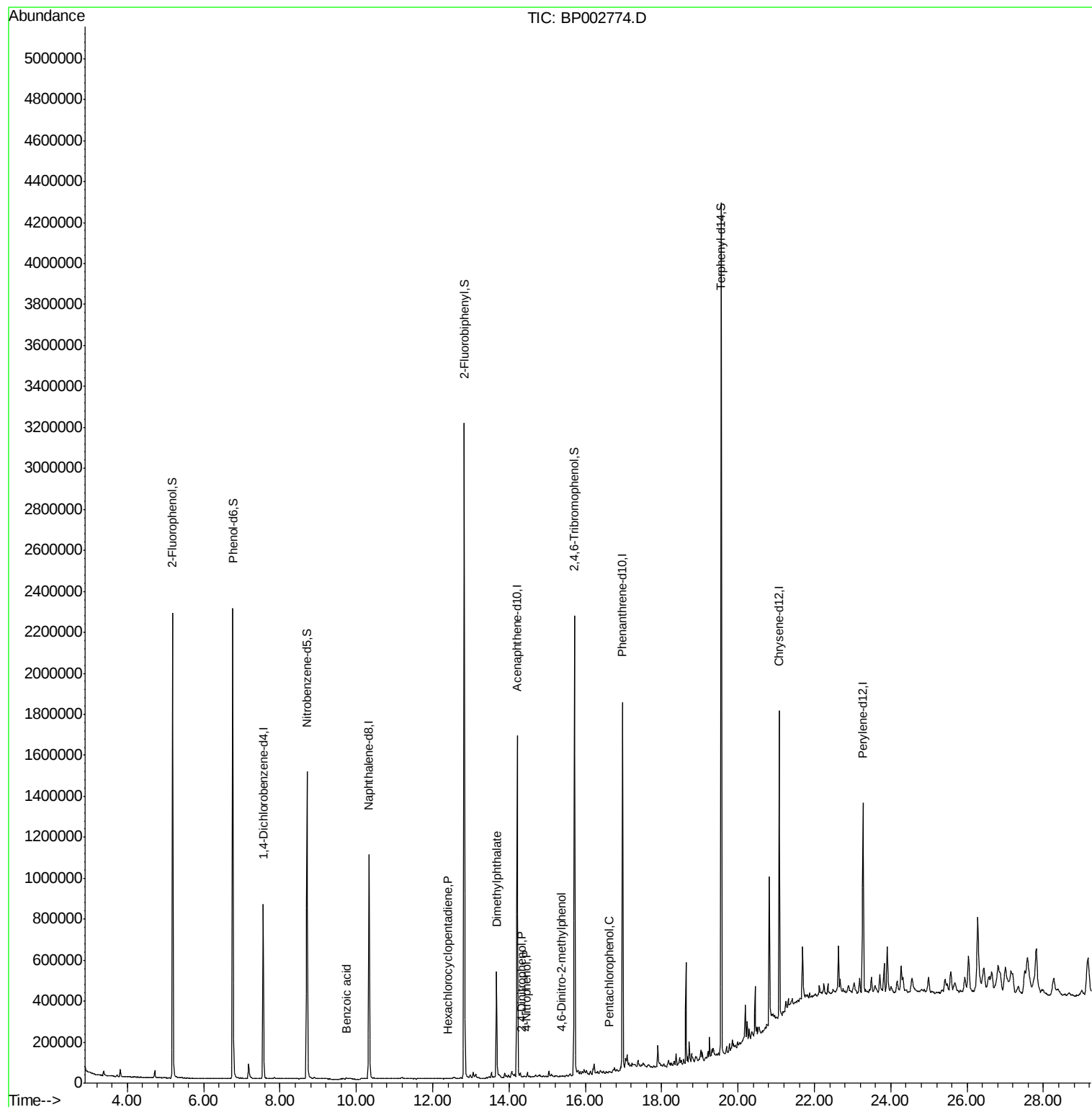
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	219719	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	927846	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	545036	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1060706	20.00	ng	0.00
76) Chrysene-d12	21.08	240	712352	20.00	ng	0.00
86) Perylene-d12	23.27	264	636332	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1003282	77.04	ng	0.00
7) Phenol-d6	6.76	99	1394122	75.01	ng	0.00
23) Nitrobenzene-d5	8.70	82	904388	52.13	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	428225	75.27	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1750181	49.68	ng	0.00
79) Terphenyl-d14	19.56	244	1807461	58.17	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	247	7.083	ng	Qvalue # 72
41) Hexachlorocyclopentadiene	12.40	237	33	7.438	ng	80
50) Dimethylphthalate	13.67	163	350856	8.441	ng	99
54) 2,4-Dinitrophenol	14.33	184	29	11.379	ng	# 32
56) 4-Nitrophenol	14.46	139	76	4.981	ng	# 2
65) 4,6-Dinitro-2-methylphenol	15.38	198	37	5.272	ng	# 1
70) Pentachlorophenol	16.63	266	22	7.445	ng	# 73

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

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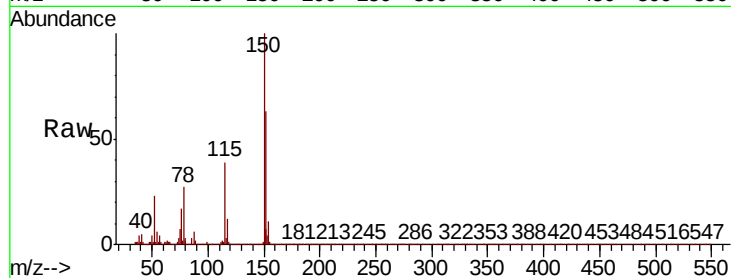


#1

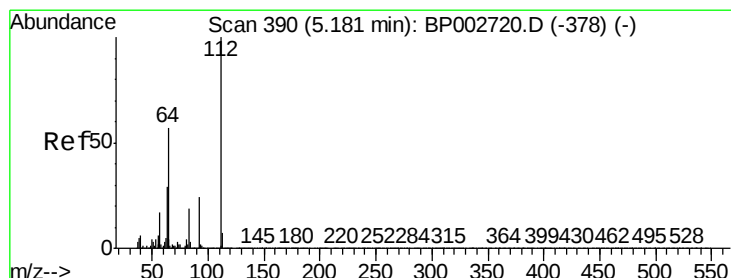
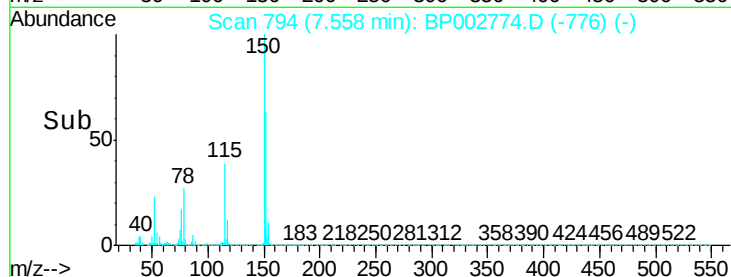
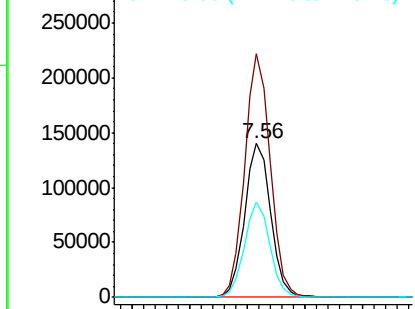
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Instrument :
BNA_P
ClientSampleId :
2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.7	185.5
115	61.9	47.2	70.8



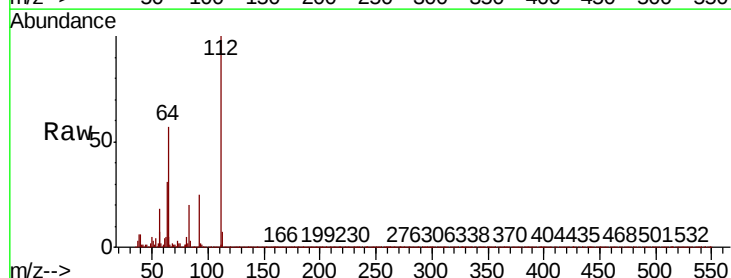
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



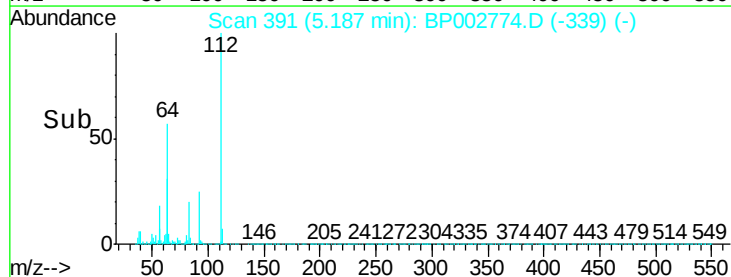
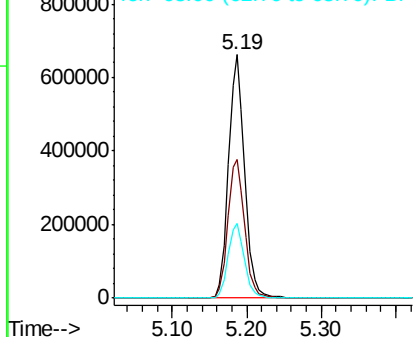
#5

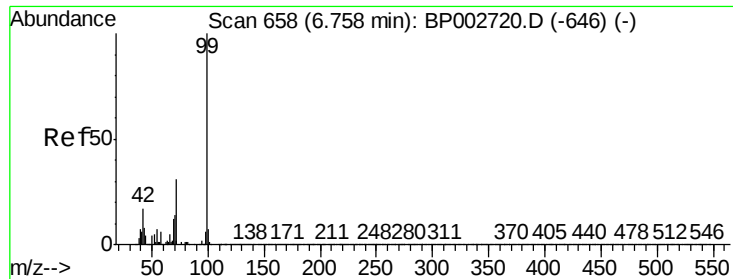
2-Fluorophenol
Concen: 77.040 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.8	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: 75.010 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

Instrument :

BNA_P

ClientSampled :

2

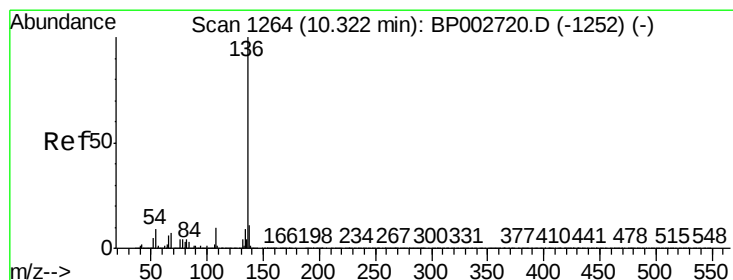
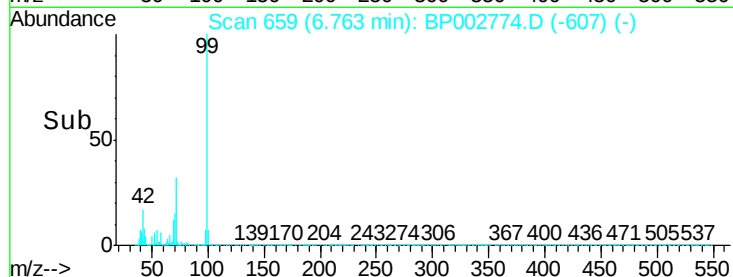
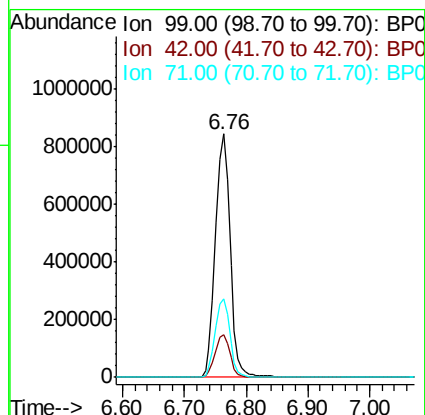
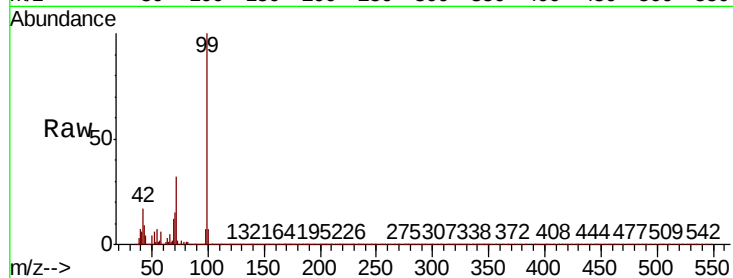
Tot Ion: 99 Resp: 1394122

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

71 32.4 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

Tgt Ion: 136 Resp: 927846

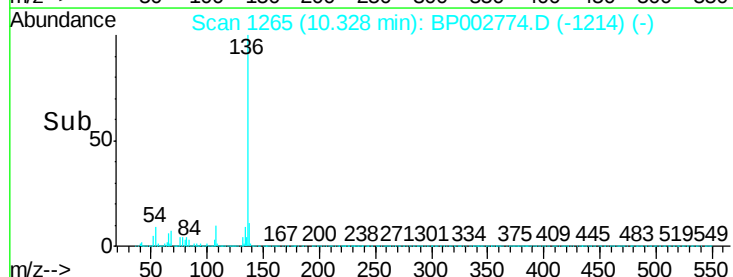
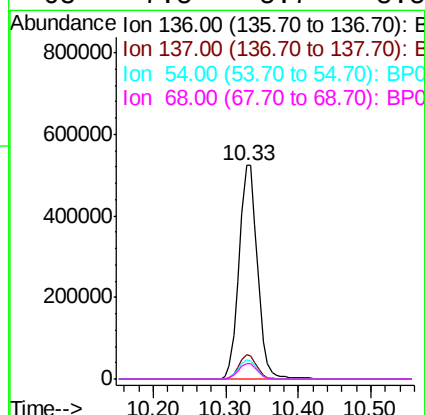
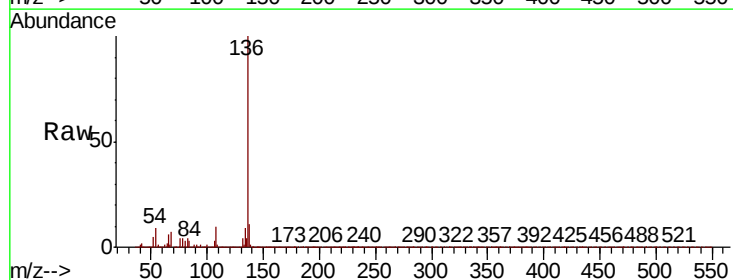
Ion Ratio Lower Upper

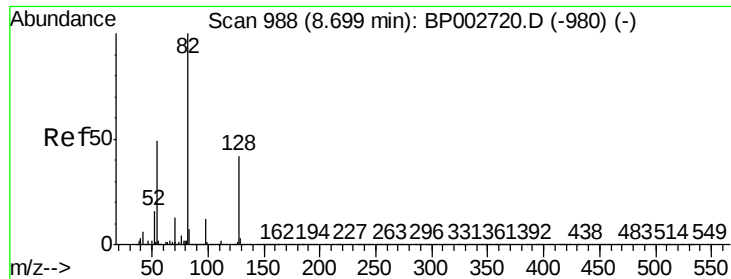
136 100

137 11.3 8.6 13.0

54 9.1 6.9 10.3

68 7.5 5.7 8.5

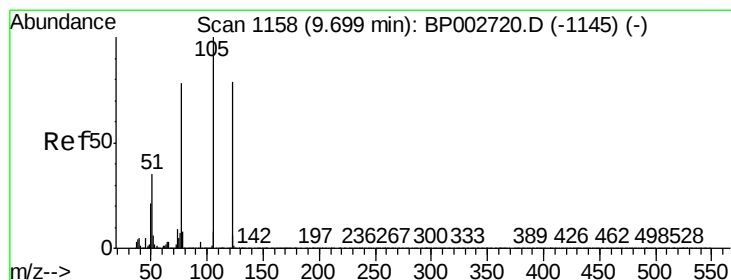
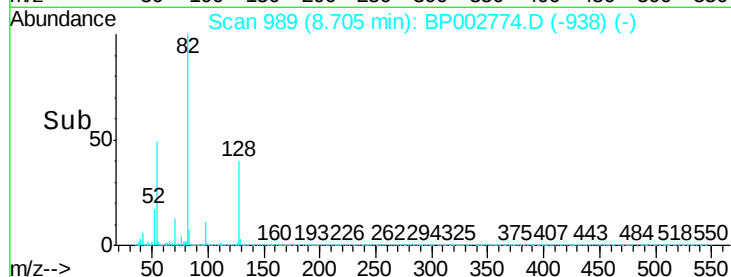
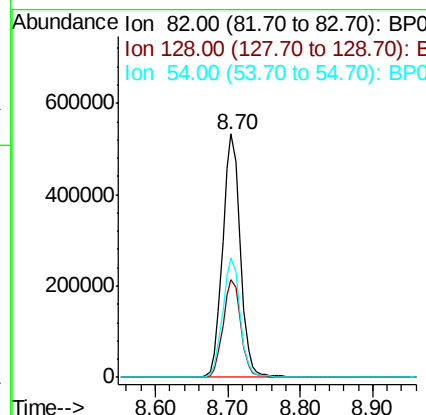
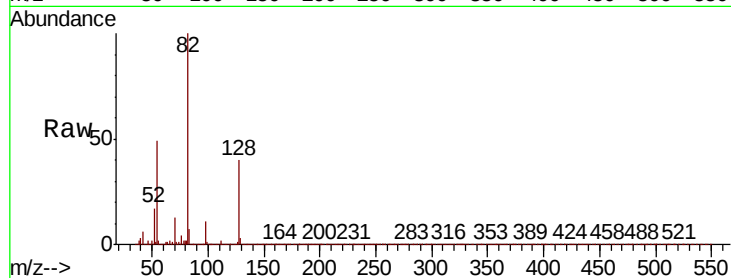




#23
Nitrobenzene-d5
Concen: 52.131 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

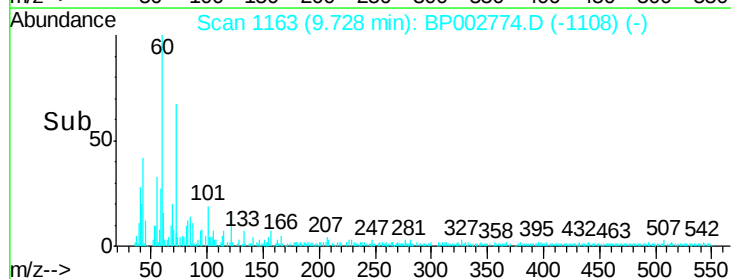
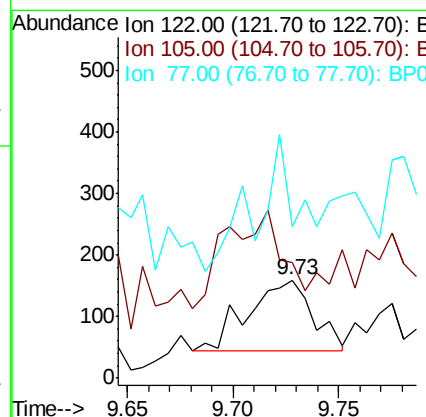
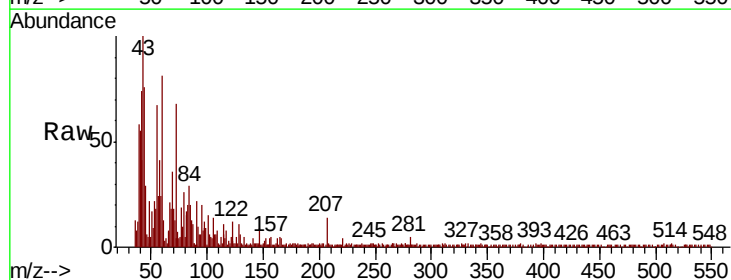
Instrument :
BNA_P
ClientSampleId :
2

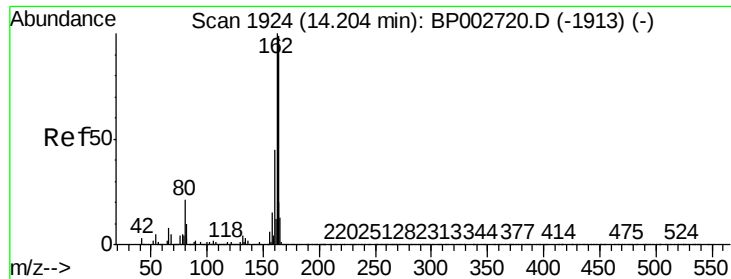
Tot Ion	82	Resp	904388
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.8	50.8
54	48.9	38.8	58.2



#32
Benzoic acid
Concen: 7.083 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Tgt Ion	122	Resp	247
Ion Ratio	Lower	Upper	
122	100		
105	118.2	105.4	145.4
77	154.7	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

Instrument :

BNA_P

ClientSampleId :

2

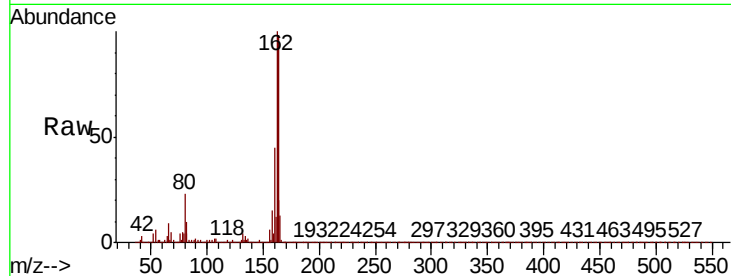
Tot Ion:164 Resp: 545036

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

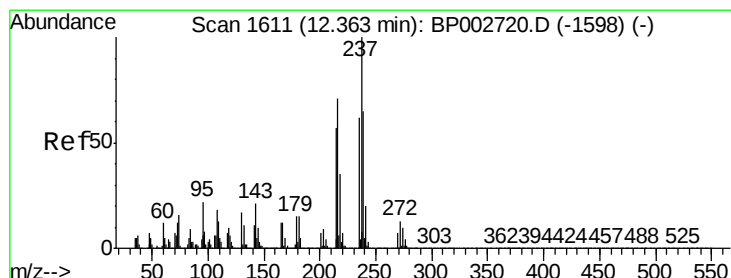
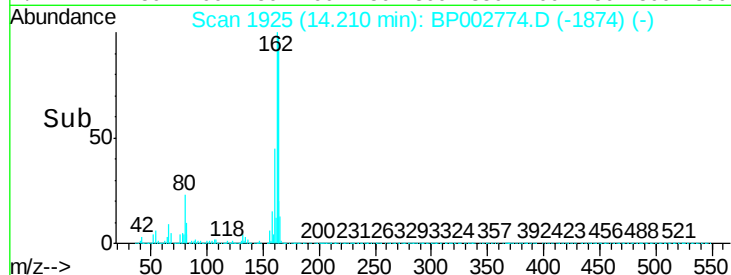
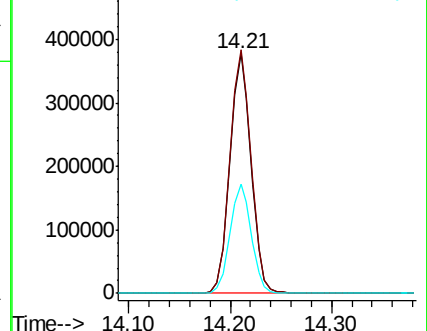
160 45.4 36.4 54.6



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: 7.438 ng

RT: 12.40 min Scan# 1618

Delta R.T. 0.04 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

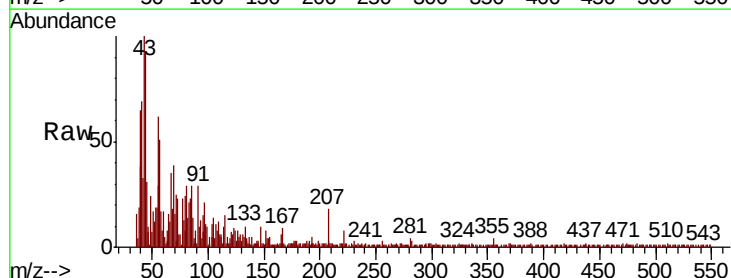
Tgt Ion:237 Resp: 33

Ion Ratio Lower Upper

237 100

235 48.3 42.3 82.3

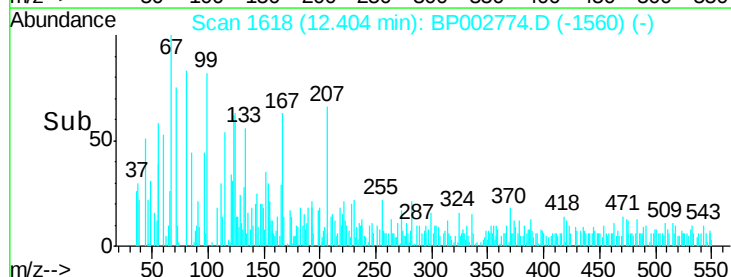
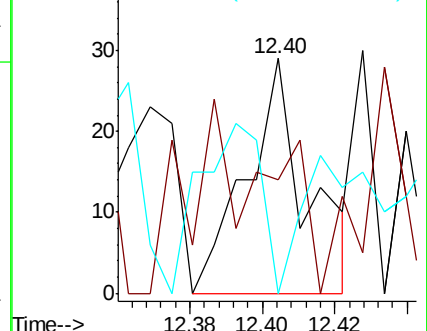
272 0.0 0.0 32.5

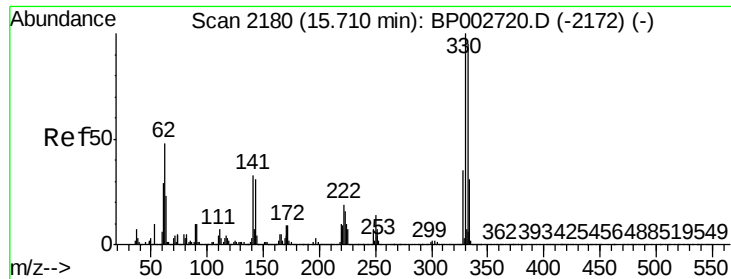


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

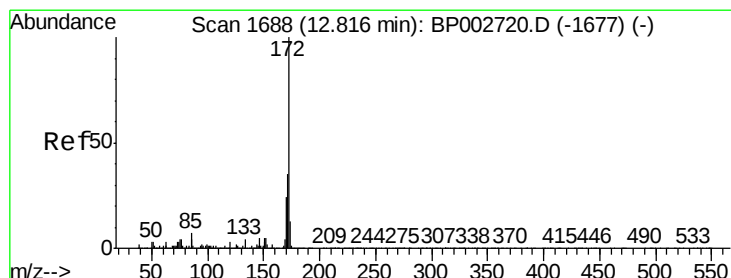
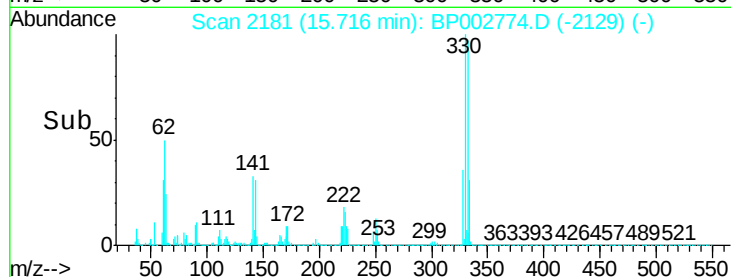
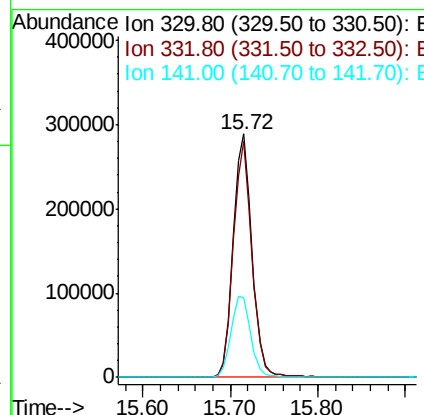
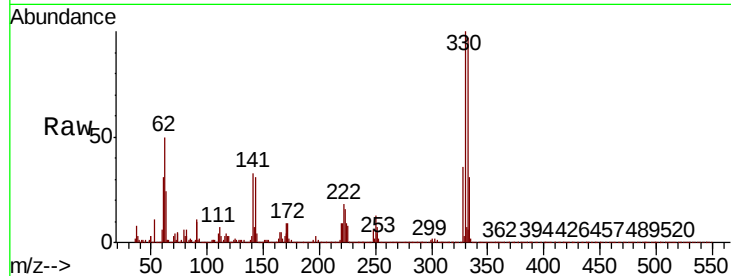




#42
 2,4,6-Tribromophenol
 Concen: 75.268 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002774.D
 Acq: 16 Jul 2020 16:14

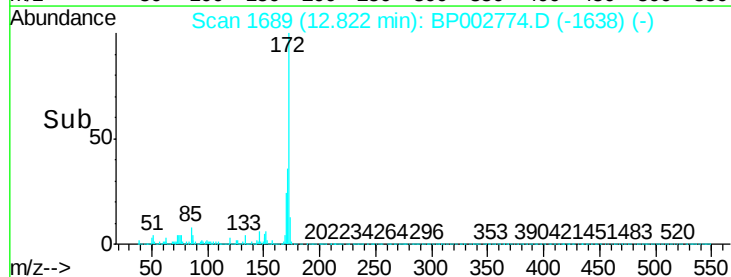
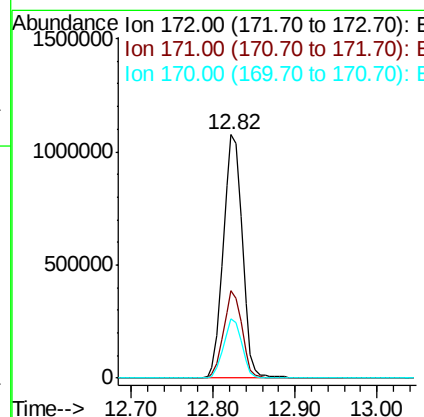
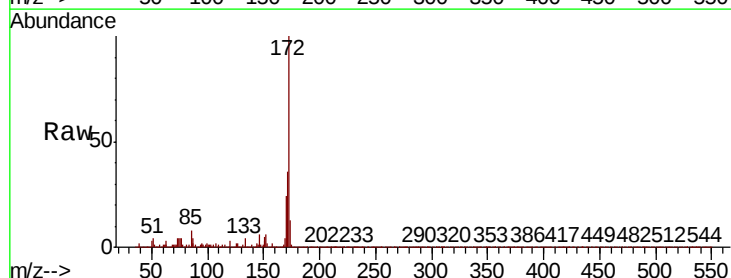
Instrument :
 BNA_P
 ClientSampleId :
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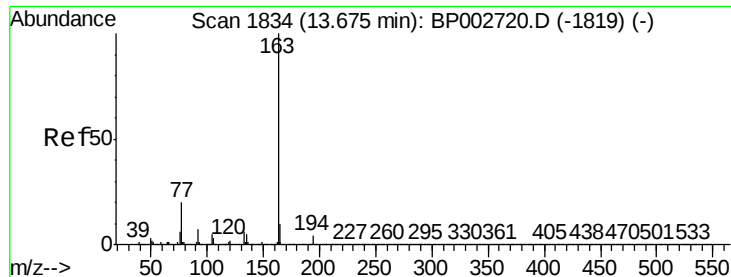
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	35.0	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 49.675 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002774.D
 Acq: 16 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	24.3	19.3	28.9





#50

Dimethylphthalate

Concen: 8.441 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

Instrument :

BNA_P

ClientSampleId :

2

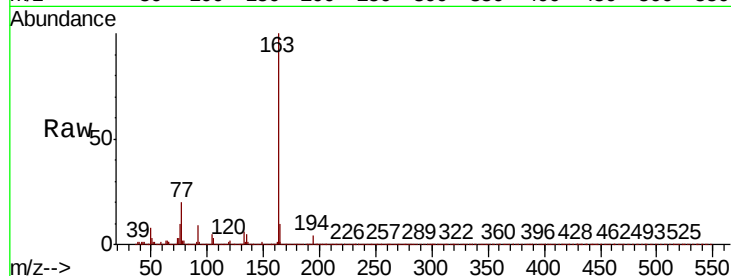
Tot Ion:163 Resp: 350856

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

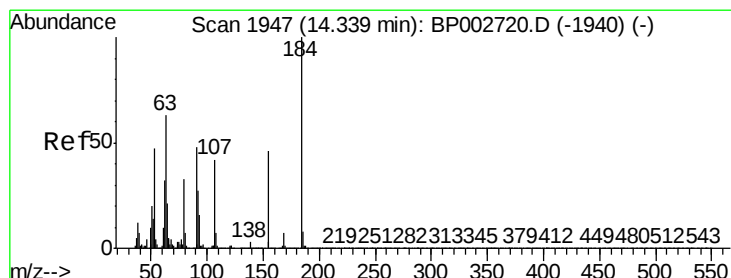
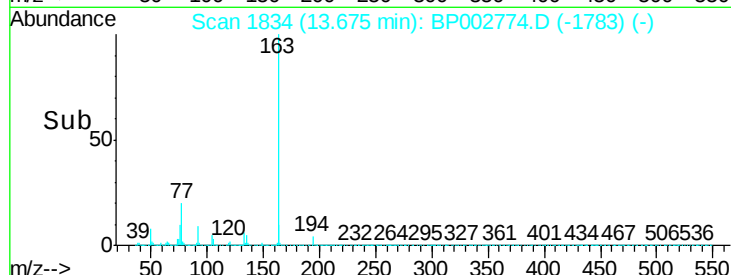
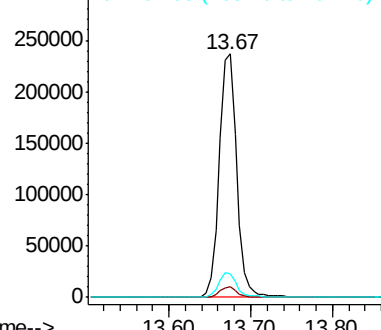
164 9.5 7.8 11.8



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: 11.379 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BP002774.D

Acq: 16 Jul 2020 16:14

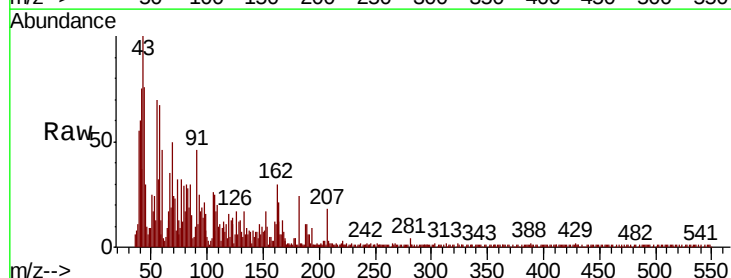
Tgt Ion:184 Resp: 29

Ion Ratio Lower Upper

184 100

63 159.5 51.6 77.4#

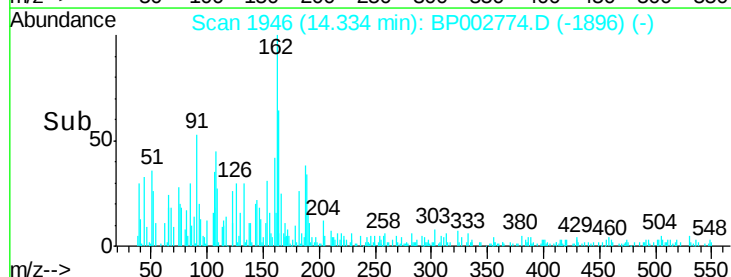
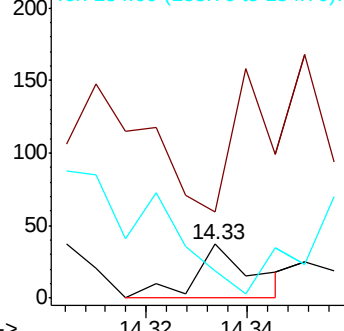
154 51.4 45.0 67.6

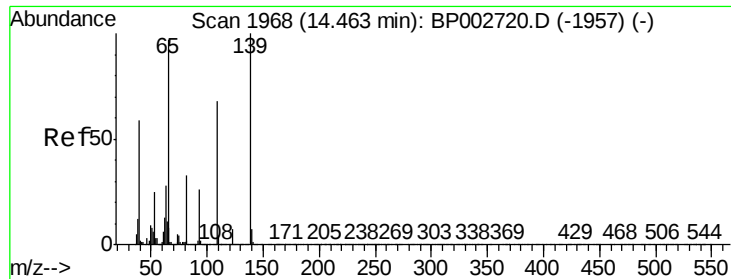


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

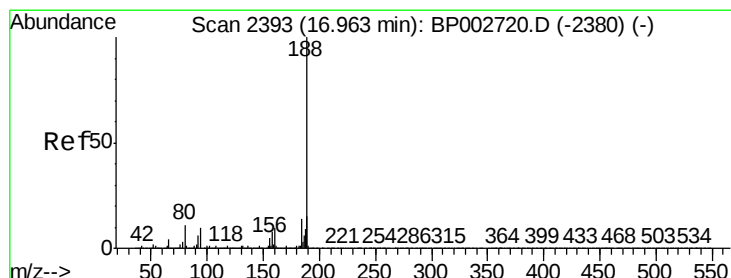
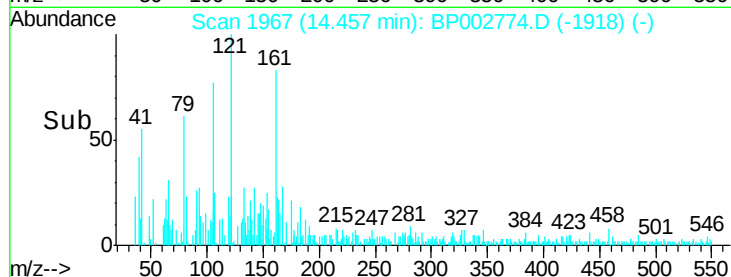
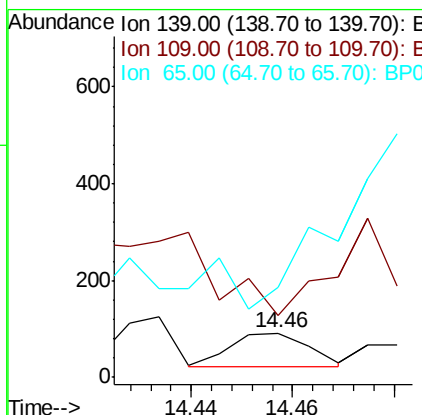
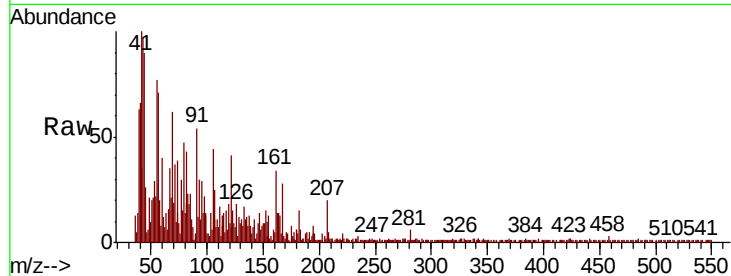




#56
4-Nitrophenol
Concen: 4.981 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

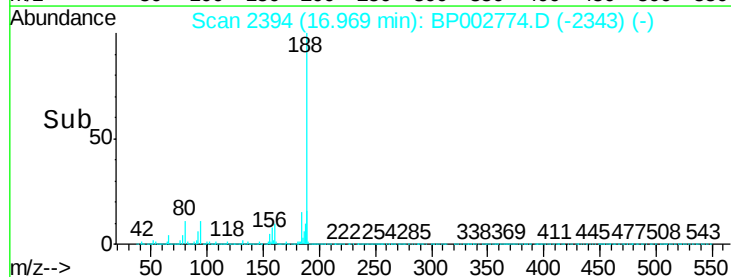
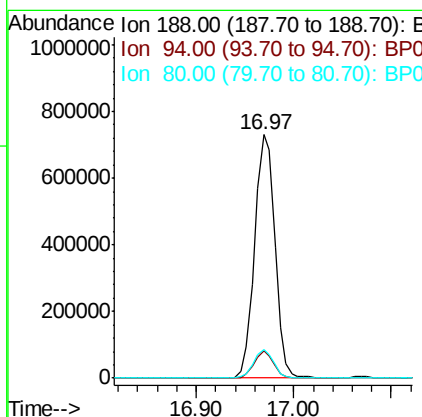
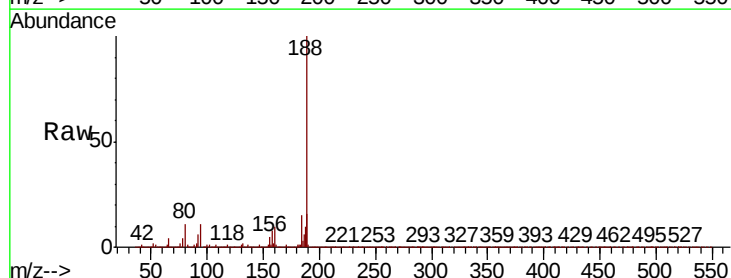
Instrument :
BNA_P
ClientSampled :
2

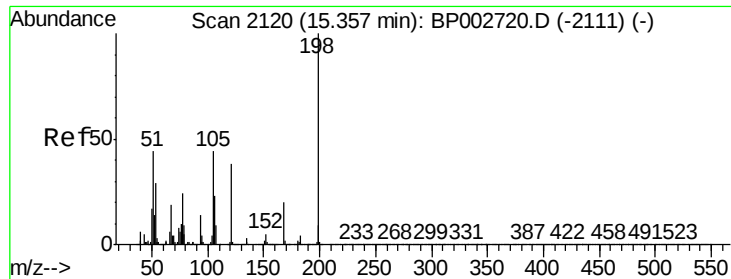
Tot Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 138.0 48.1 88.1#
65 203.3 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Tgt Ion:188 Resp: 1060706
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.5 8.9 13.3

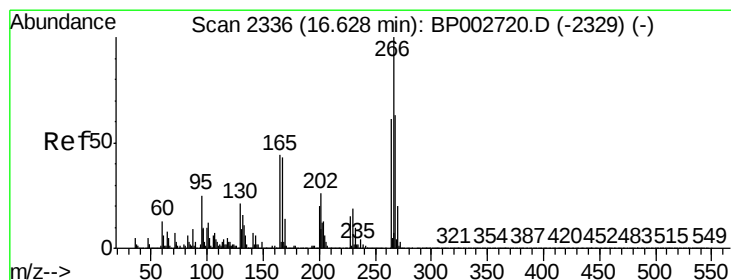
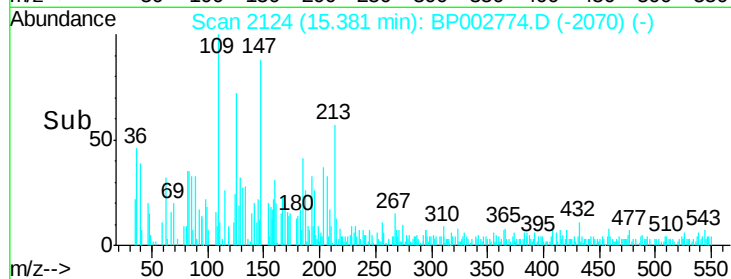
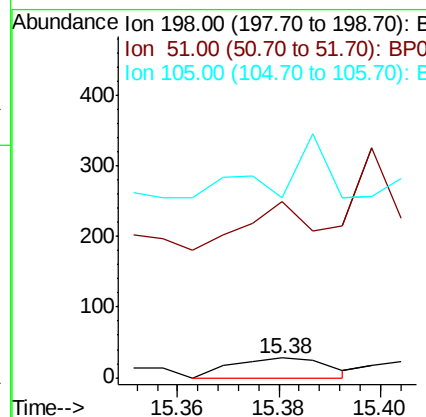
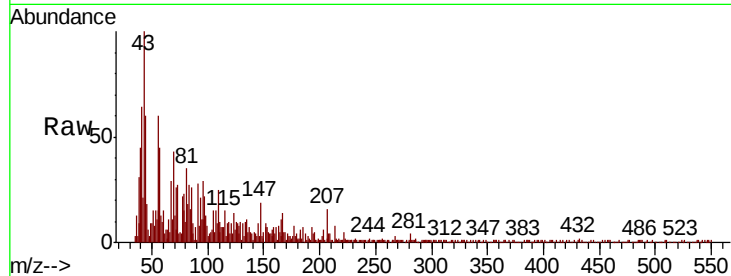




#65
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.02 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

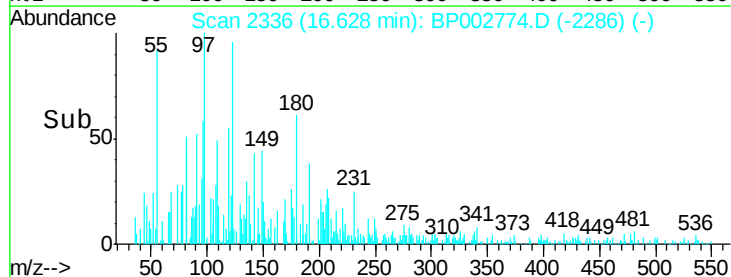
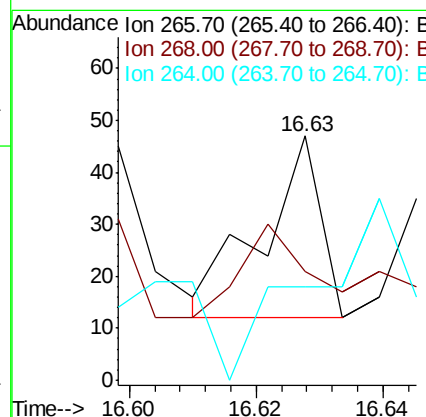
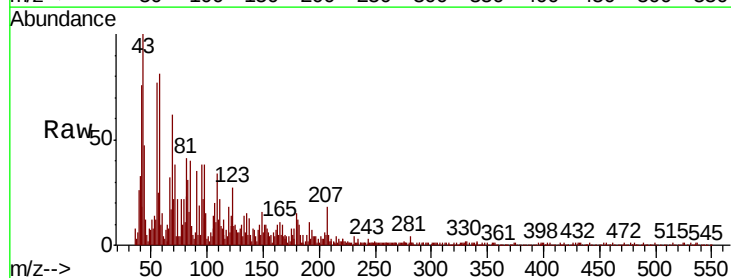
Instrument :
BNA_P
ClientSampleId :
2

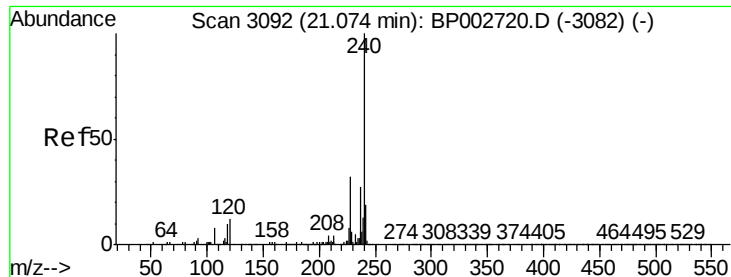
Tot Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
51 889.3 27.1 67.1#
105 910.7 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.445 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
268 44.7 50.6 75.8#
264 38.3 48.6 72.8#

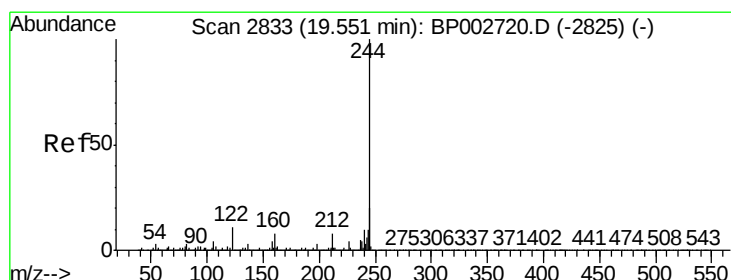
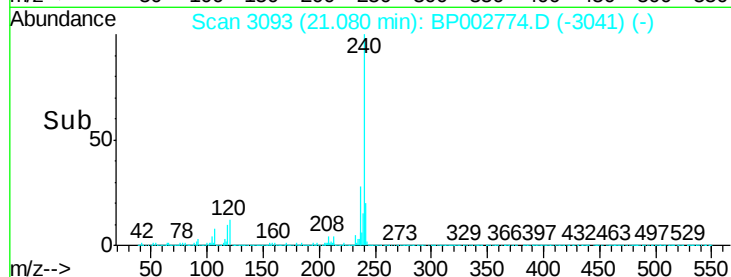
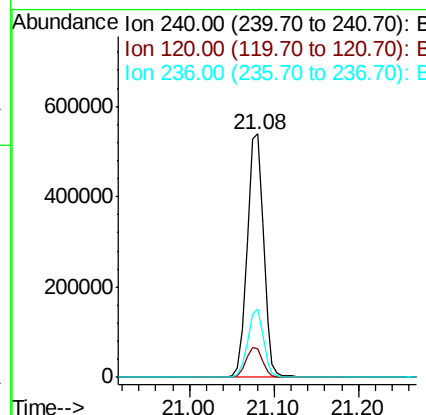
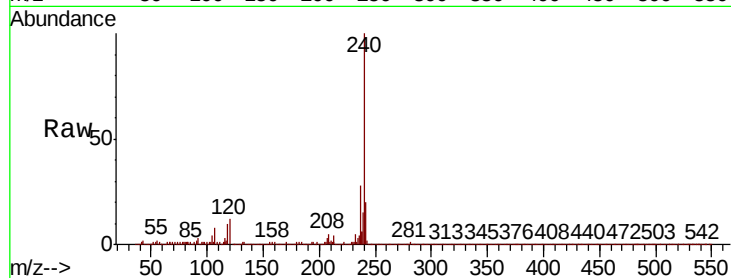




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BP002774.D
 Acq: 16 Jul 2020 16:14

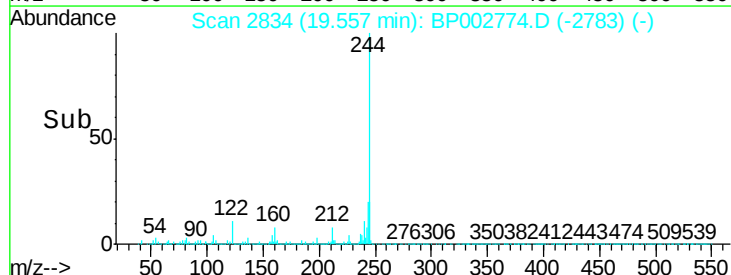
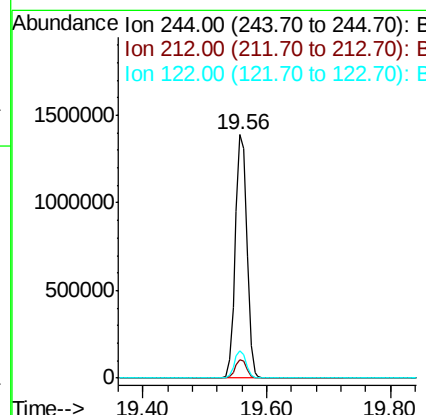
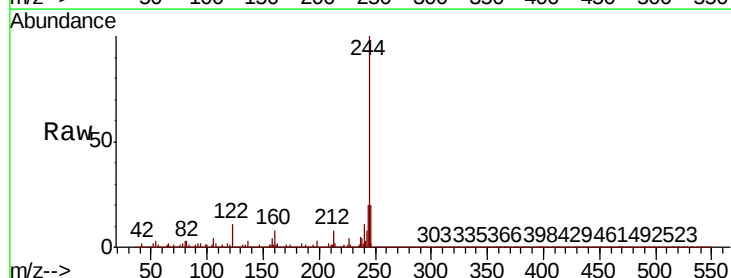
Instrument :
 BNA_P
 ClientSampleId :
 2

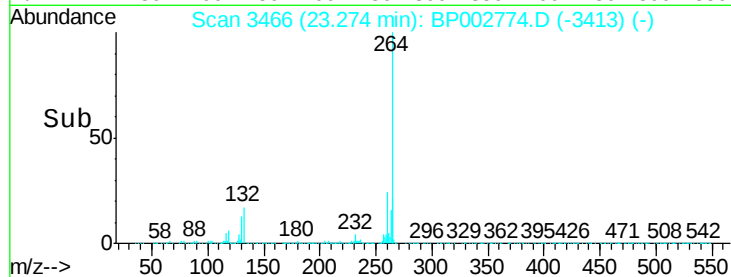
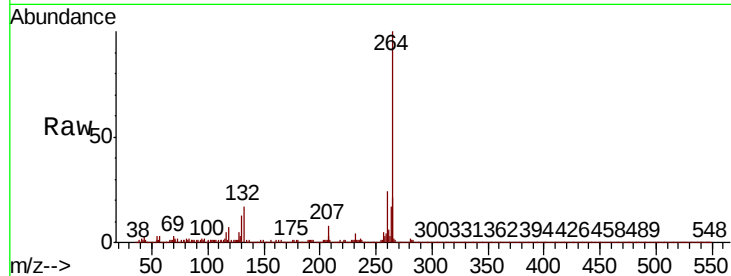
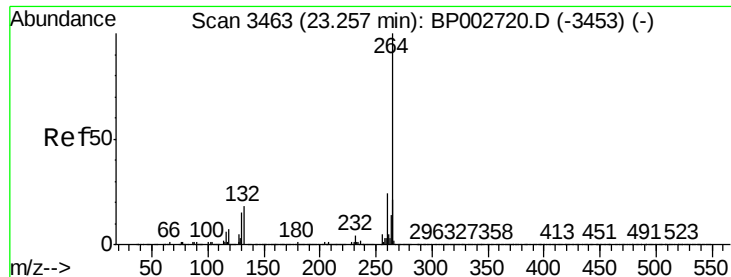
Tot Ion:240 Resp: 712352
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.2
 236 27.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 58.174 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BP002774.D
 Acq: 16 Jul 2020 16:14

Tgt Ion:244 Resp: 1807461
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.3 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002774.D
Acq: 16 Jul 2020 16:14

Instrument :
BNA_P
ClientSampleId :
2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.2	16.8	25.2

