

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002776.D
 Acq On : 16 Jul 2020 17:21
 Operator : CG/JU
 Sample : L3308-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3

Quant Time: Jul 16 18:43:11 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

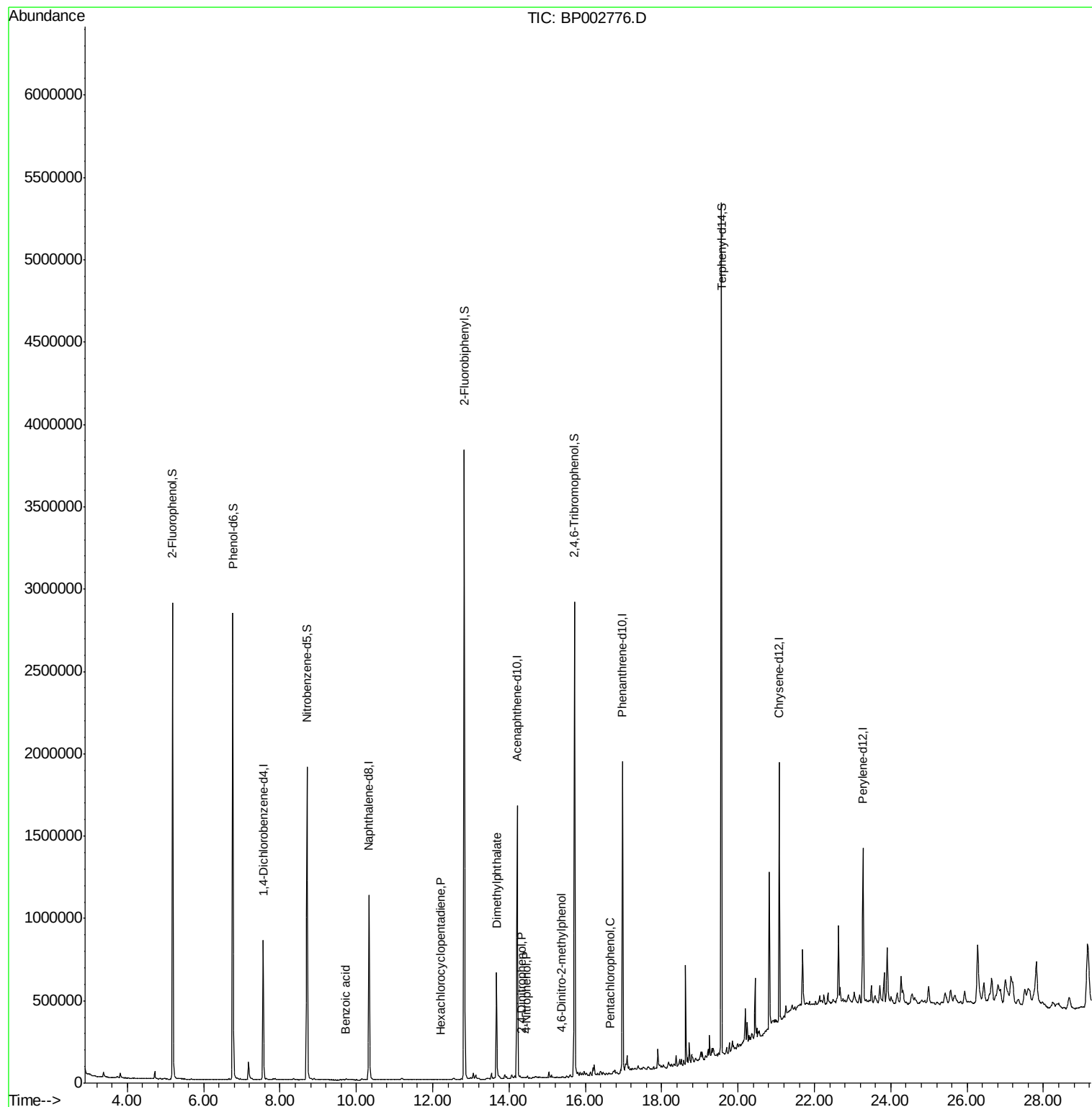
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	225298	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	951563	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	566176	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1110452	20.00	ng	0.00
76) Chrysene-d12	21.08	240	751596	20.00	ng	0.00
86) Perylene-d12	23.27	264	653271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1265277	94.75	ng	0.00
7) Phenol-d6	6.76	99	1744784	91.55	ng	0.00
23) Nitrobenzene-d5	8.70	82	1147349	64.49	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	563080	95.28	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2163306	59.11	ng	0.00
79) Terphenyl-d14	19.56	244	2310180	70.47	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	354	7.091	ng	56
41) Hexachlorocyclopentadiene	12.22	237	24	7.437	ng	90
50) Dimethylphthalate	13.67	163	437767	10.138	ng	99
54) 2,4-Dinitrophenol	14.33	184	10	11.376	ng	1
56) 4-Nitrophenol	14.45	139	143	4.988	ng	1
65) 4,6-Dinitro-2-methylphenol	15.37	198	41	5.272	ng	1
70) Pentachlorophenol	16.65	266	26	7.445	ng	85

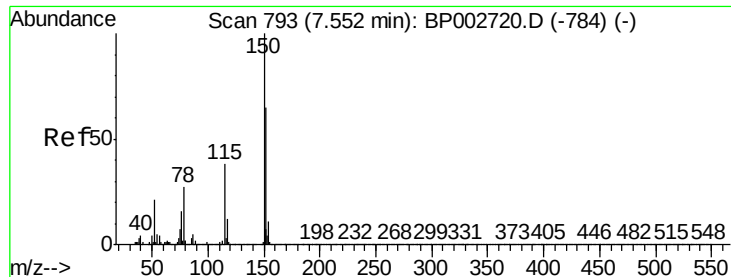
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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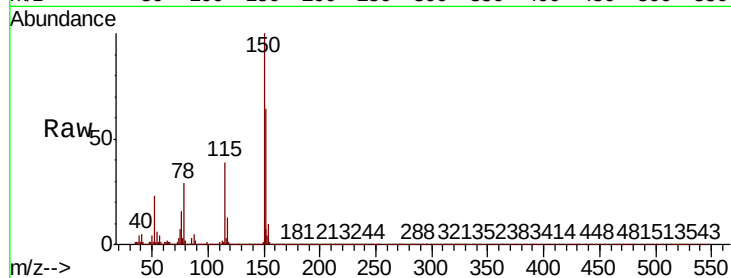


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Instrument :
BNA_P
ClientSampled :
3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.7	185.5
115	60.3	47.2	70.8

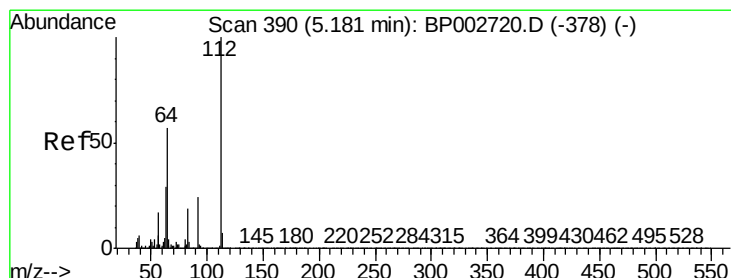
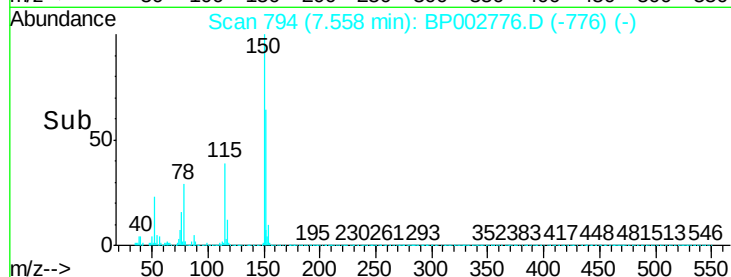
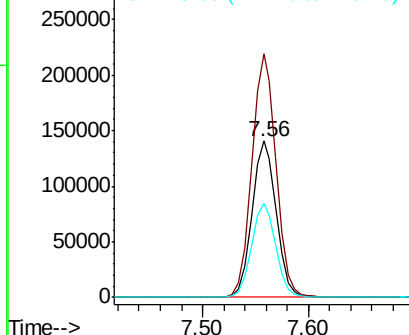


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

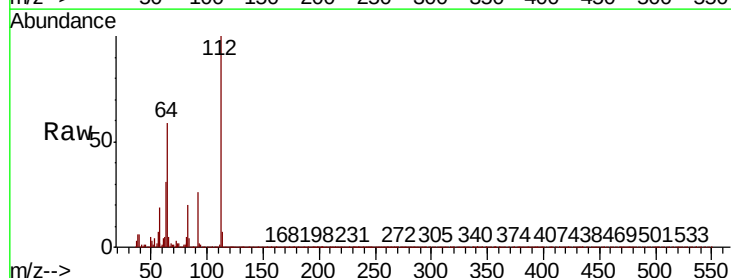
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.753 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	31.3	23.5	35.3

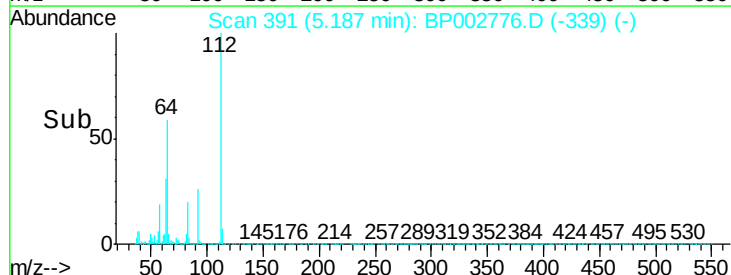
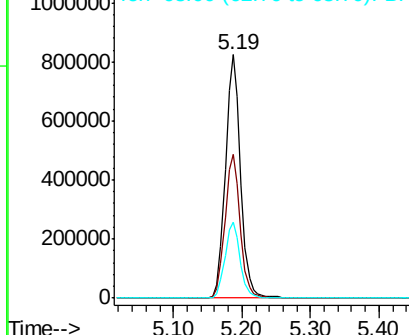


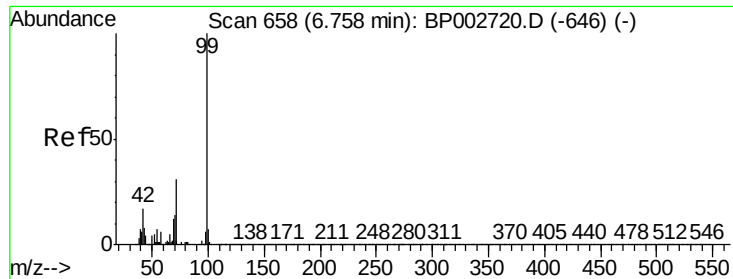
Abundance

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: 91.553 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002776.D

Acq: 16 Jul 2020 17:21

Instrument :

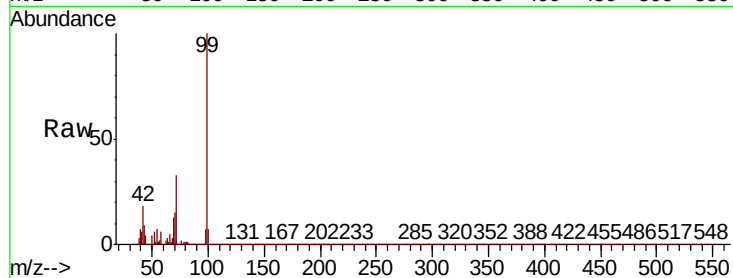
BNA_P

ClientSampled :

3

Tot Ion: 99 Resp: 1744784

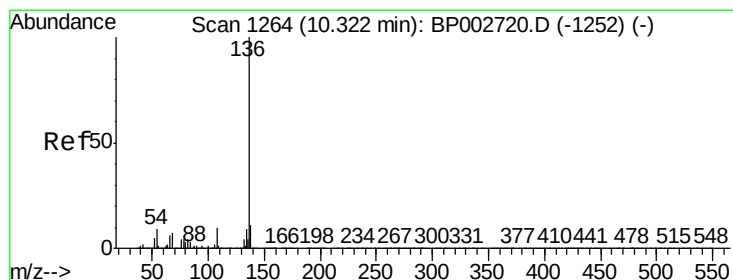
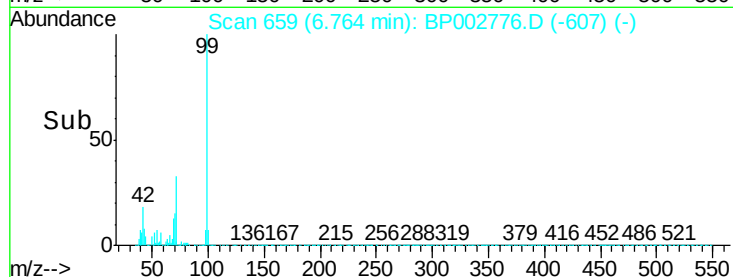
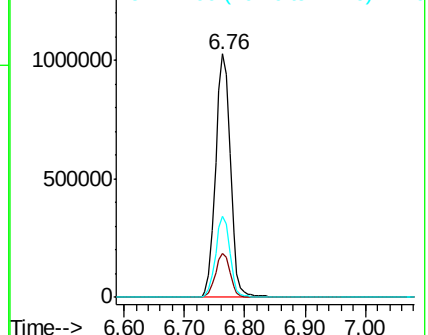
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	33.4	24.6	36.8



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: 10.33 min Scan# 1265

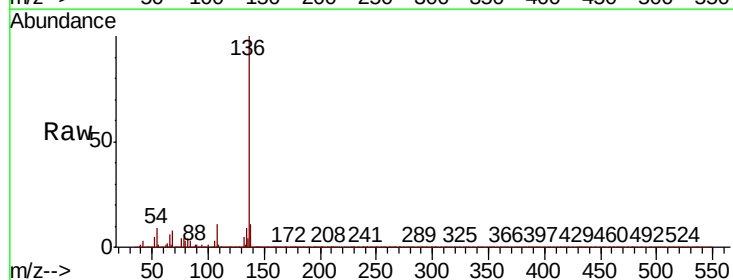
Delta R.T. 0.00 min

Lab File: BP002776.D

Acq: 16 Jul 2020 17:21

Tgt Ion: 136 Resp: 951563

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.3	6.9	10.3
68	7.6	5.7	8.5

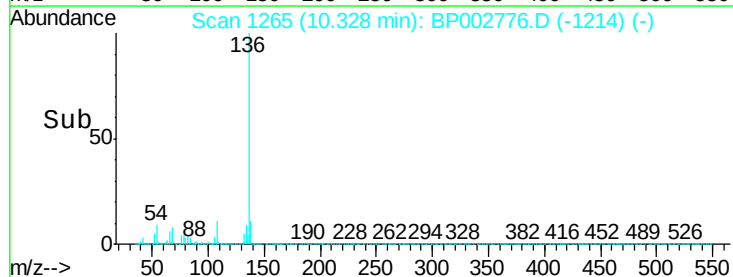
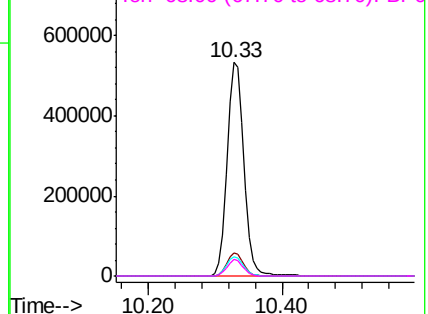


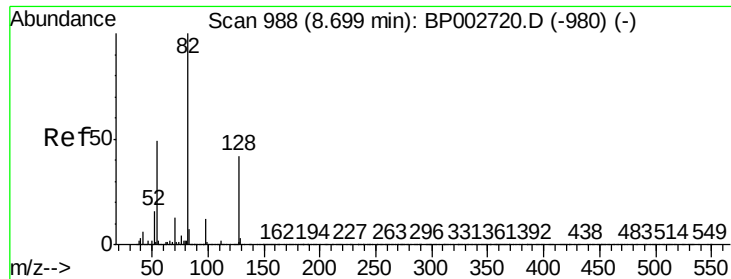
Abundance Ion 136.00 (135.70 to 136.70): E

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

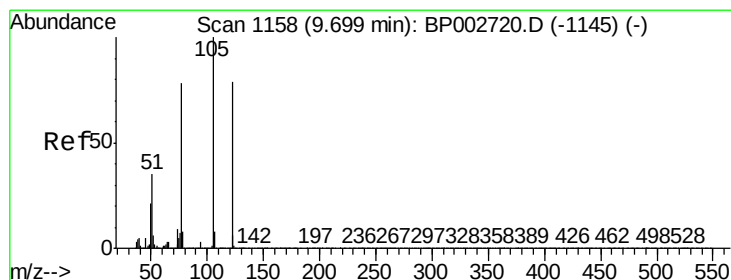
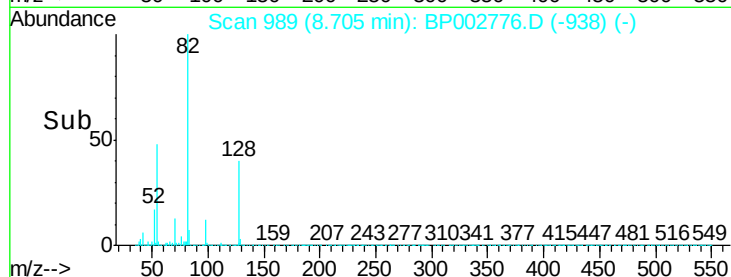
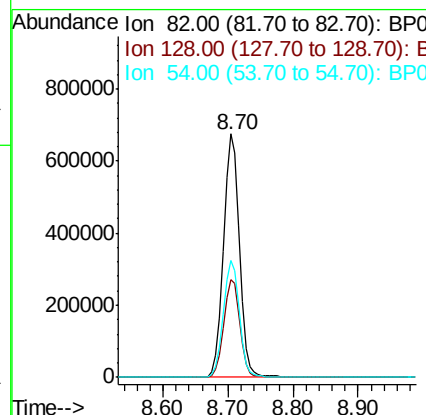
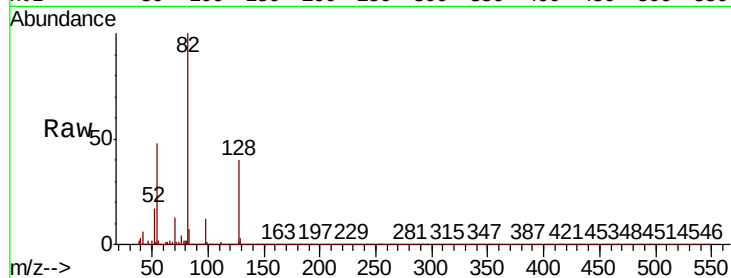




#23
 Nitrobenzene-d5
 Concen: 64.488 ng
 RT: 8.70 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BP002776.D
 Acq: 16 Jul 2020 17:21

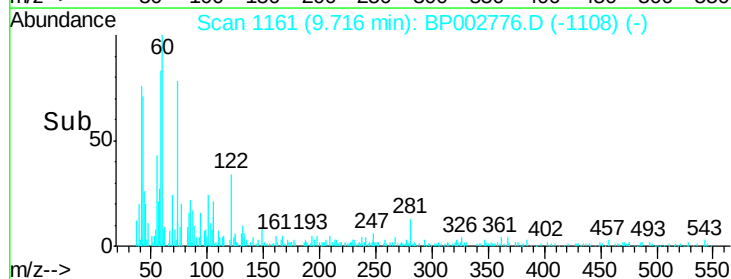
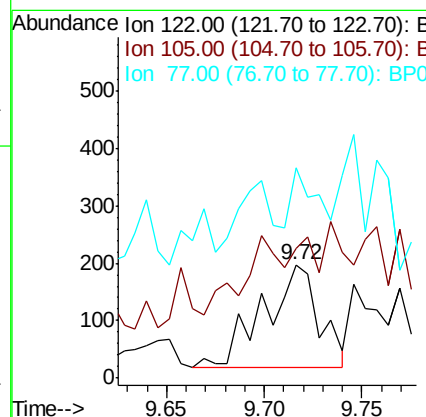
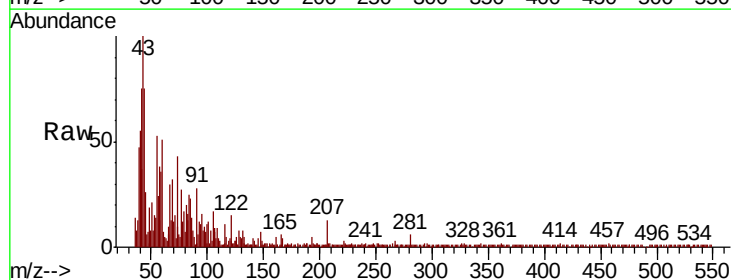
Instrument :
 BNA_P
 ClientSampleId :
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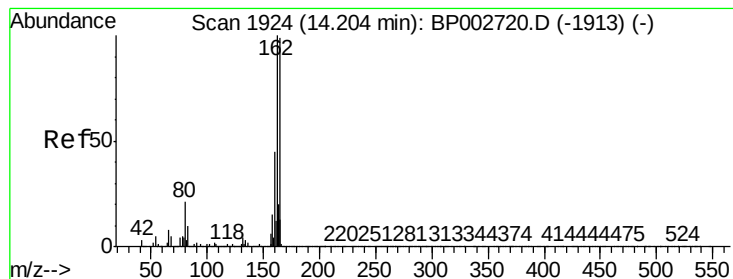
Tot Ion: 82 Resp: 1147349
 Ion Ratio Lower Upper
 82 100
 128 40.2 33.8 50.8
 54 48.3 38.8 58.2



#32
 Benzoic acid
 Concen: 7.091 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BP002776.D
 Acq: 16 Jul 2020 17:21

Tgt Ion: 122 Resp: 354
 Ion Ratio Lower Upper
 122 100
 105 114.7 105.4 145.4
 77 186.3 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: BP002776.D

Acq: 16 Jul 2020 17:21

Instrument :

BNA_P

ClientSampled :

3

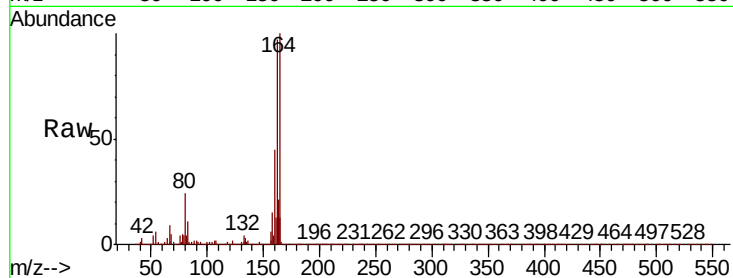
Tot Ion:164 Resp: 566176

Ion Ratio Lower Upper

164 100

162 97.4 80.6 121.0

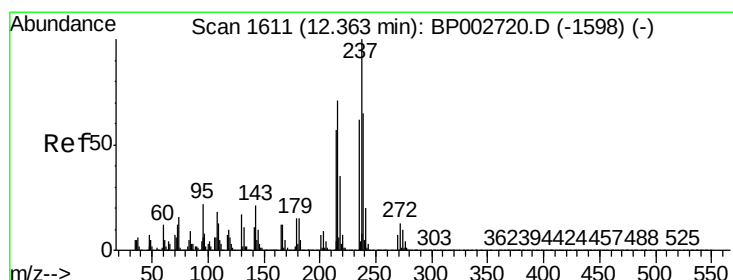
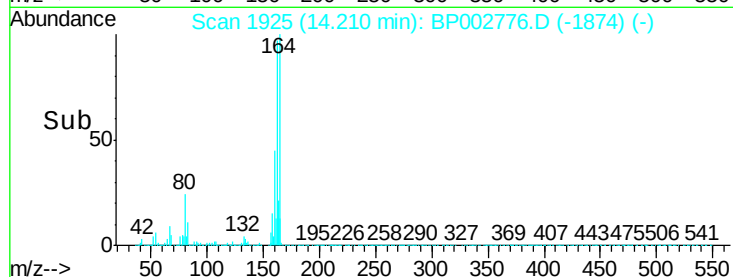
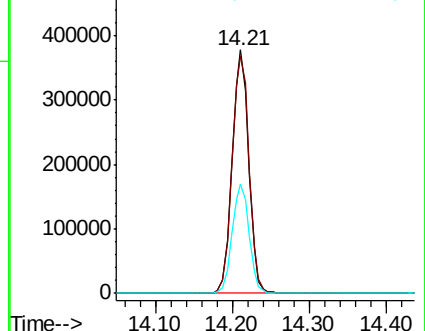
160 44.8 36.4 54.6



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: 12.22 min Scan# 1586

Delta R.T. -0.15 min

Lab File: BP002776.D

Acq: 16 Jul 2020 17:21

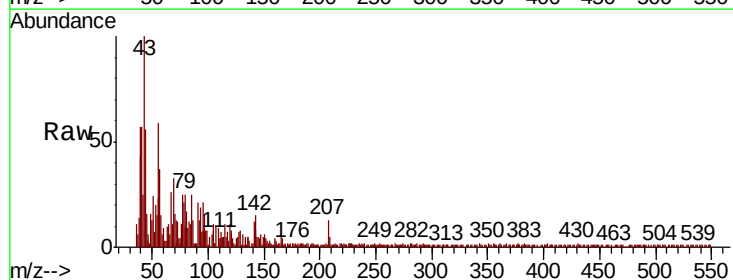
Tgt Ion:237 Resp: 24

Ion Ratio Lower Upper

237 100

235 57.6 42.3 82.3

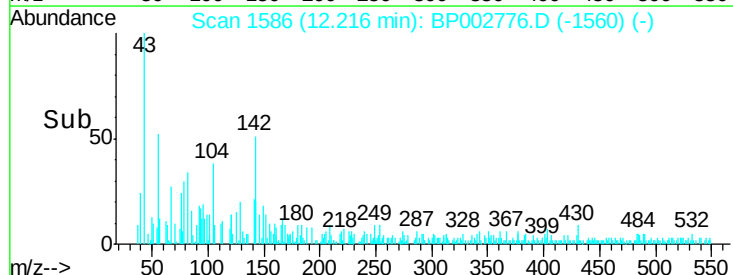
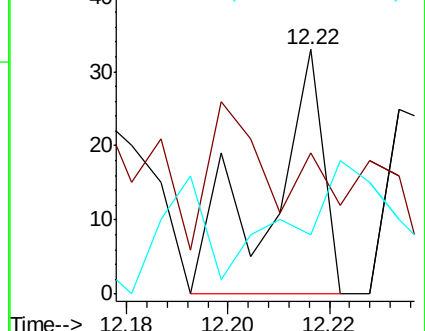
272 24.2 0.0 32.5

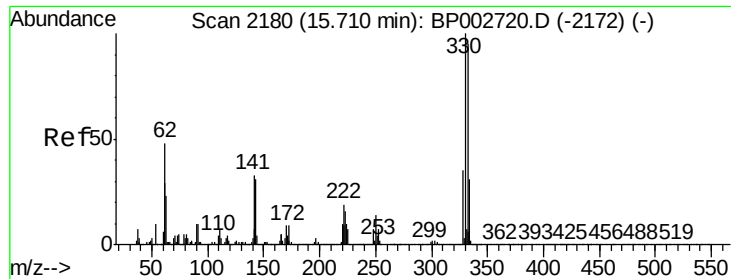


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

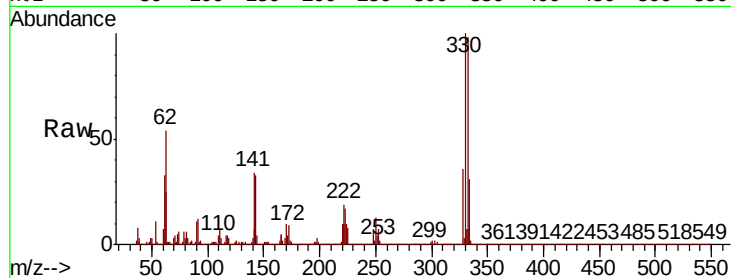




#42
2,4,6-Tribromophenol
Concen: 95.276 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Instrument :
BNA_P
ClientSampled :
3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	34.6	28.8	43.2

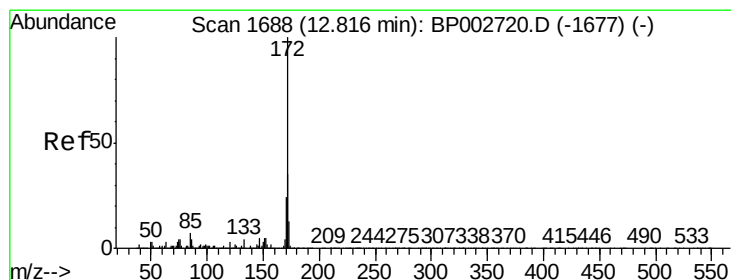
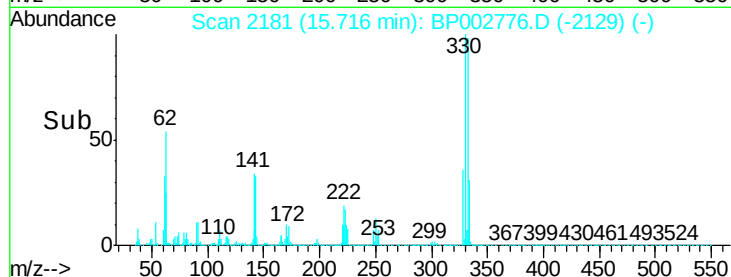
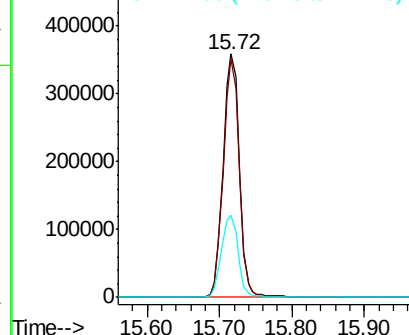


Abundance

Ion 329.80 (329.50 to 330.50): E

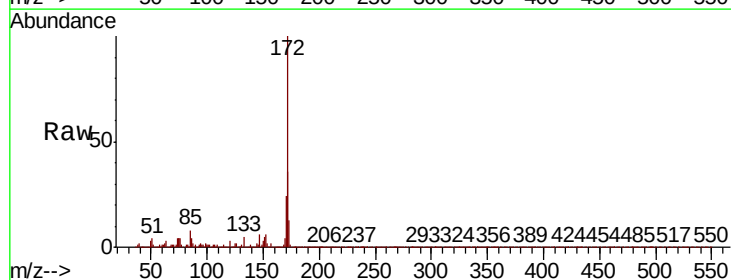
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 59.109 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.1	42.1
170	23.7	19.3	28.9

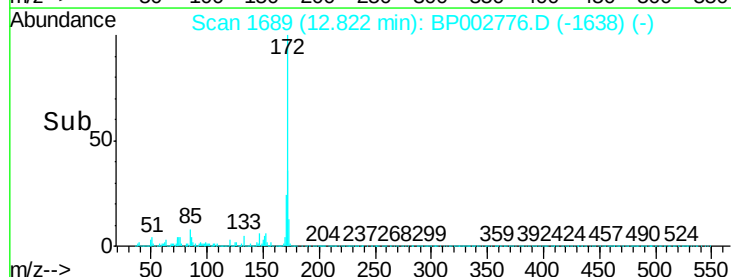
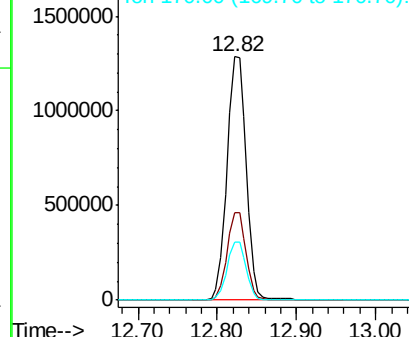


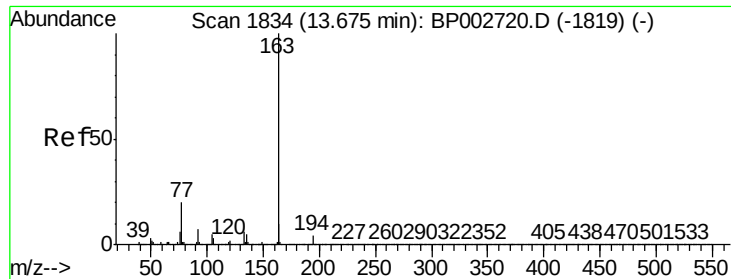
Abundance

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: 10.138 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BP002776.D

Acq: 16 Jul 2020 17:21

Instrument :

BNA_P

ClientSampleId :

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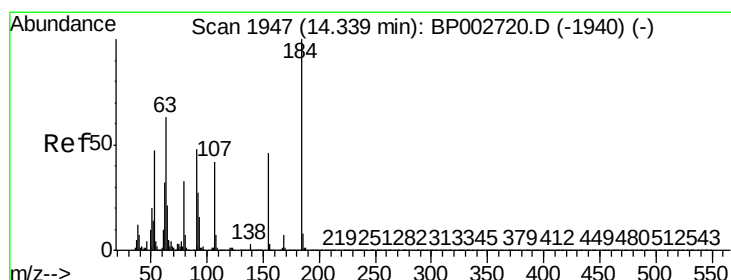
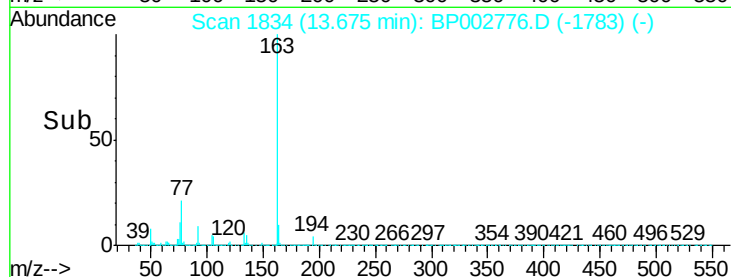
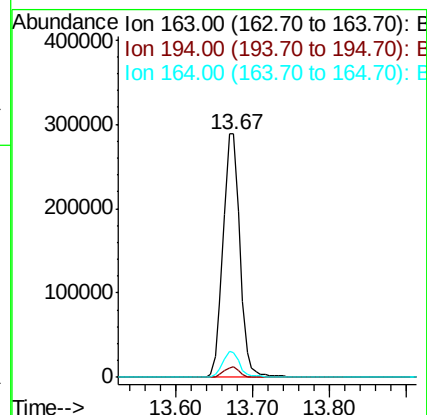
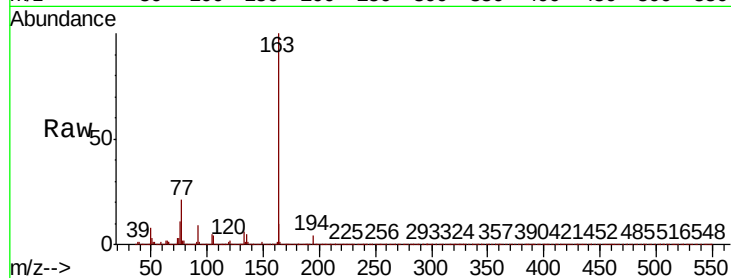
Tot Ion:163 Resp: 437767

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.0 7.8 11.8



#54

2,4-Dinitrophenol

Concen: 11.376 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002776.D

Acq: 16 Jul 2020 17:21

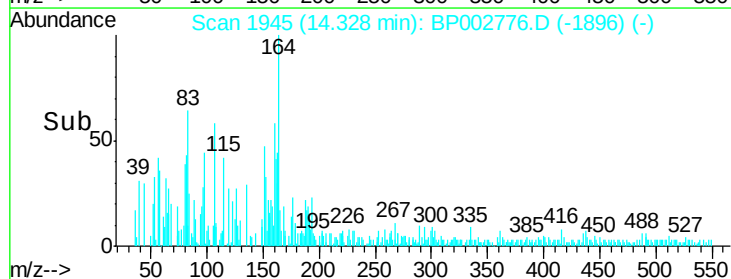
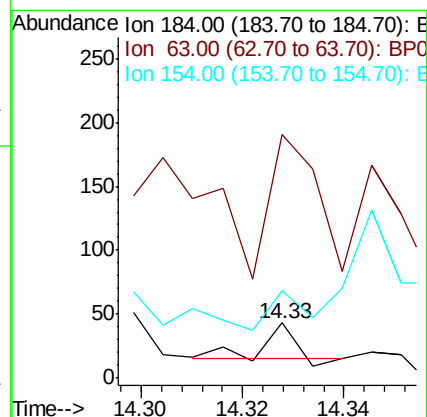
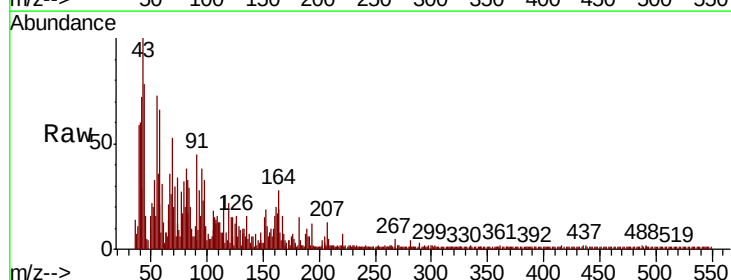
Tgt Ion:184 Resp: 10

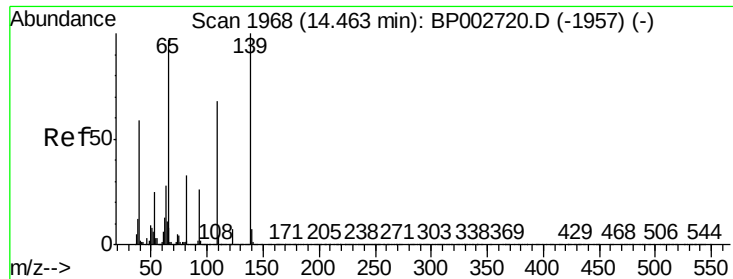
Ion Ratio Lower Upper

184 100

63 444.2 51.6 77.4#

154 158.1 45.0 67.6#

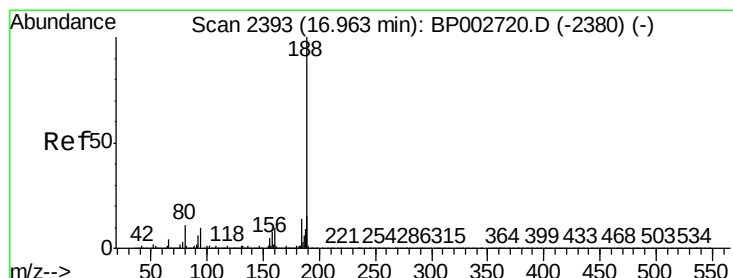
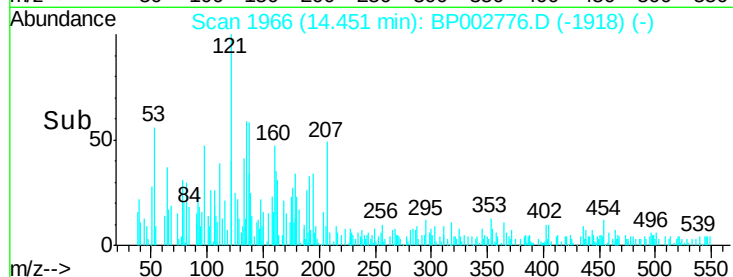
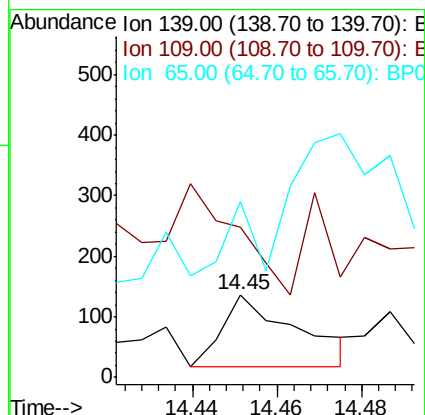
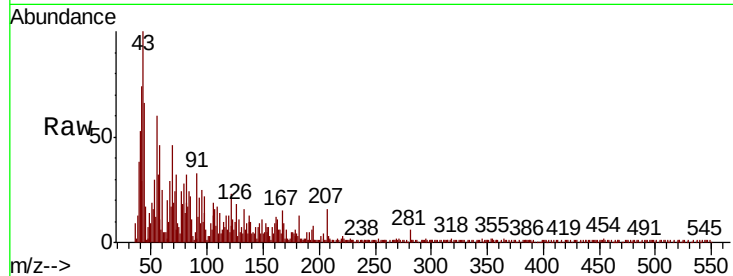




#56
4-Nitrophenol
Concen: 4.988 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

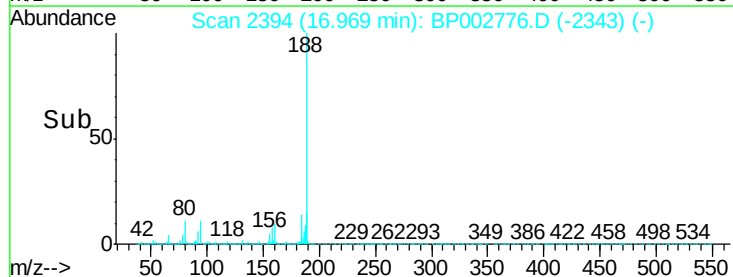
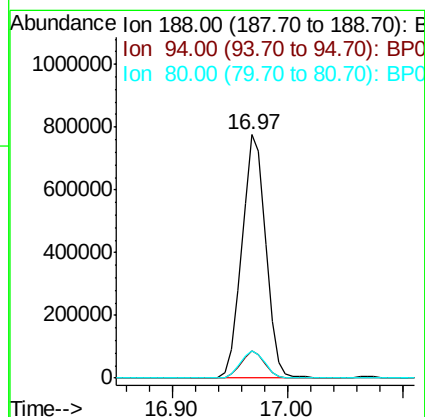
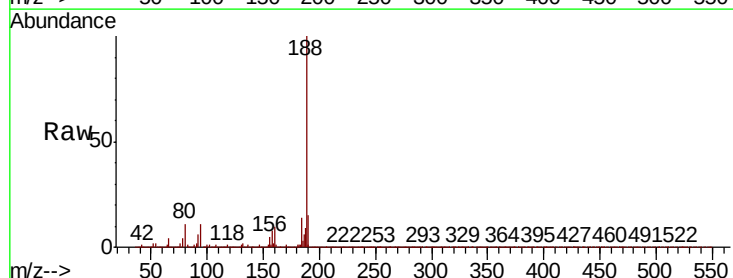
Instrument :
BNA_P
ClientSampleId :
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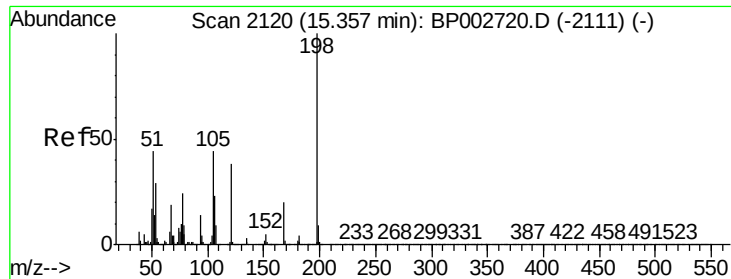
Tot Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 183.1 48.1 88.1#
65 214.0 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Tgt Ion:188 Resp: 1110452
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.3 8.9 13.3

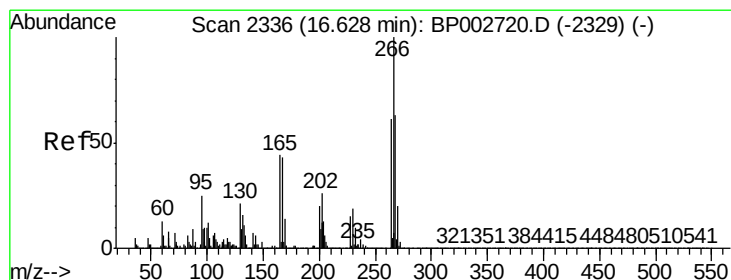
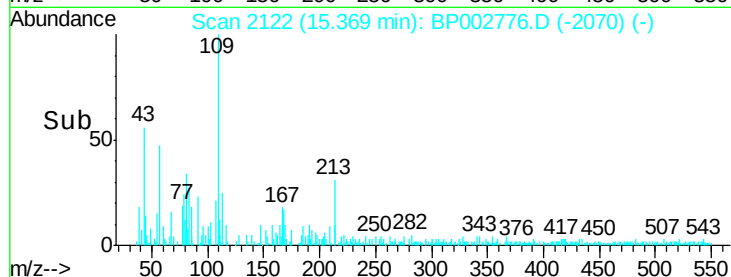
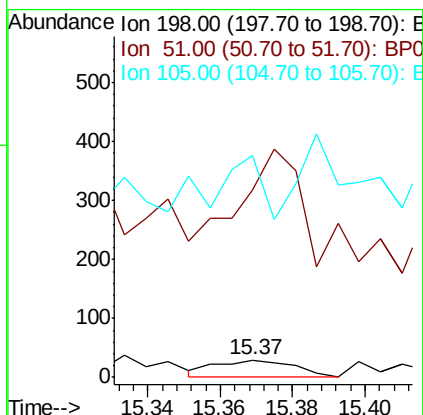
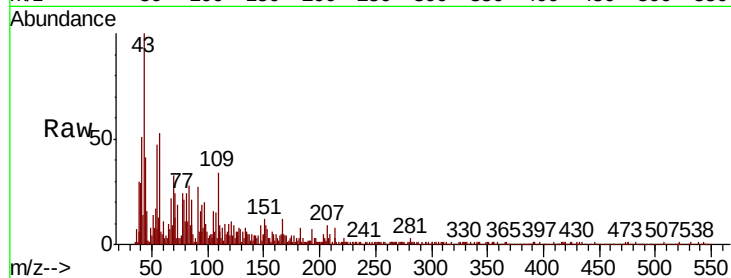




#65
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

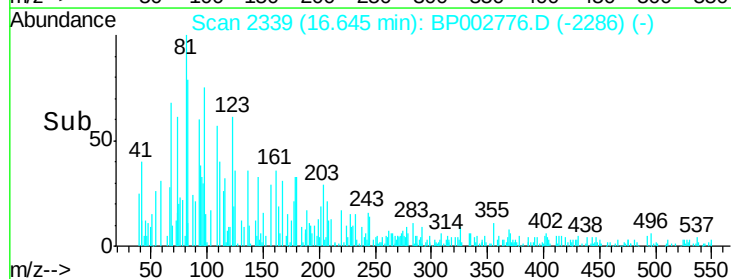
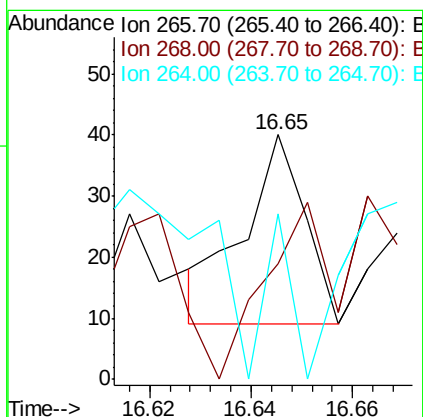
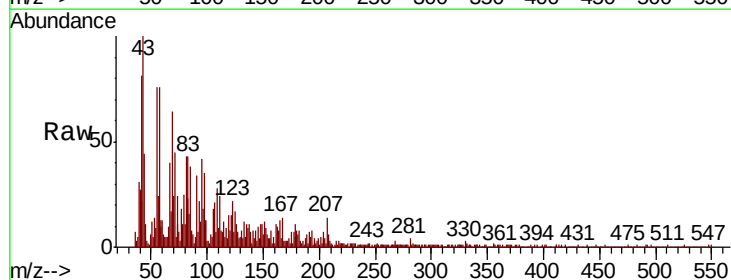
Instrument :
BNA_P
ClientSampled :
3

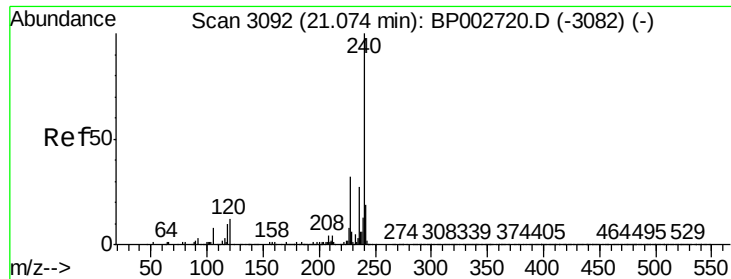
Tot Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 1060.0 27.1 67.1#
105 1256.7 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.445 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
268 47.5 50.6 75.8#
264 67.5 48.6 72.8

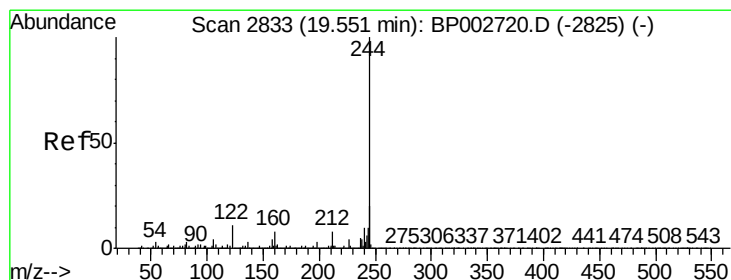
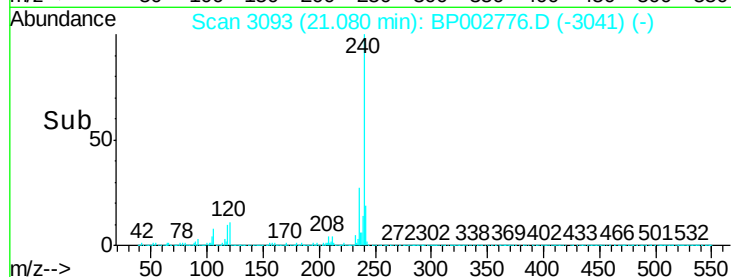
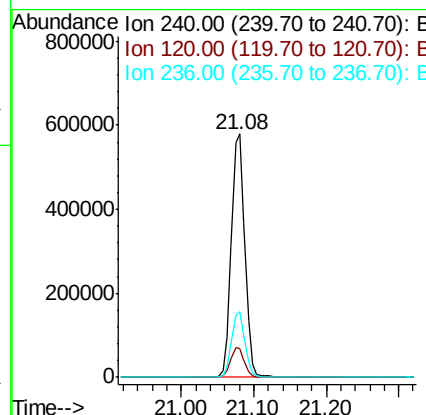
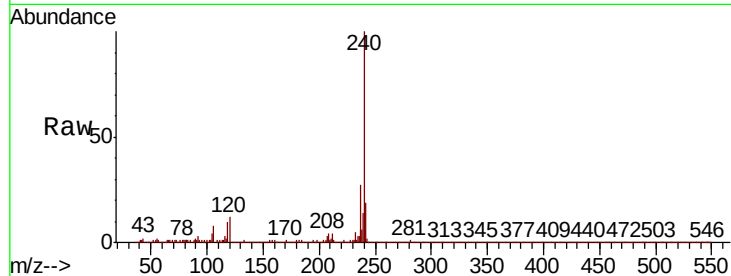




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

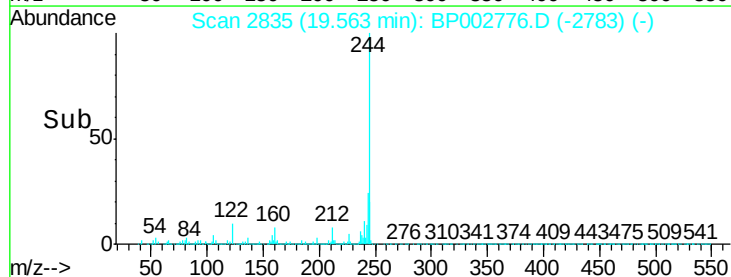
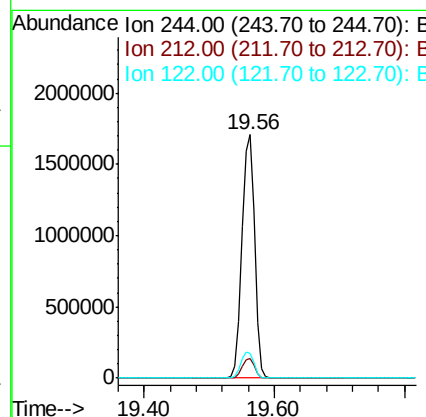
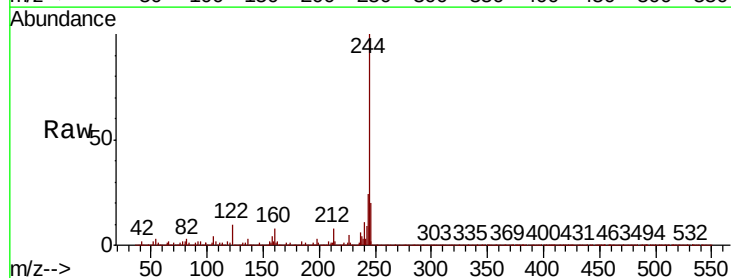
Instrument :
BNA_P
ClientSampleId :
3

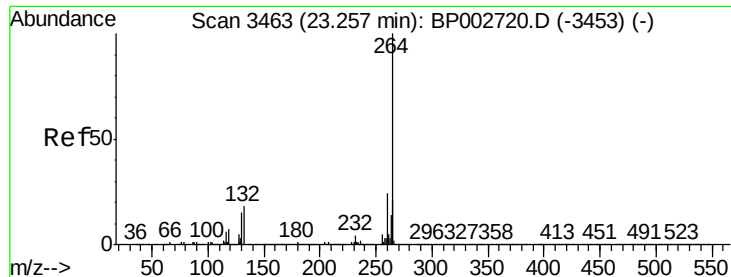
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	26.9	21.3	31.9



#79
Terphenyl-d14
Concen: 70.471 ng
RT: 19.56 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.2	8.9	13.3

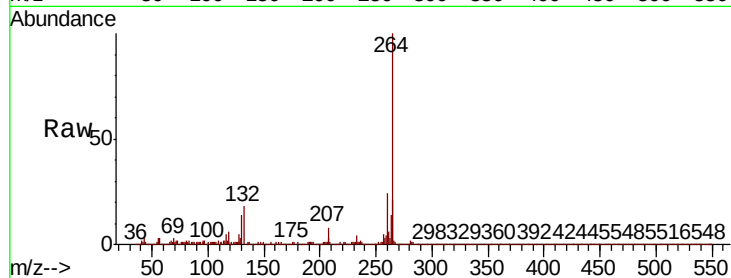




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BP002776.D
Acq: 16 Jul 2020 17:21

Instrument :
BNA_P
ClientSampleId :
3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	20.7	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

