

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002844.D
 Acq On : 23 Jul 2020 17:19
 Operator : CG/JU
 Sample : L3381-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 23 18:00:45 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

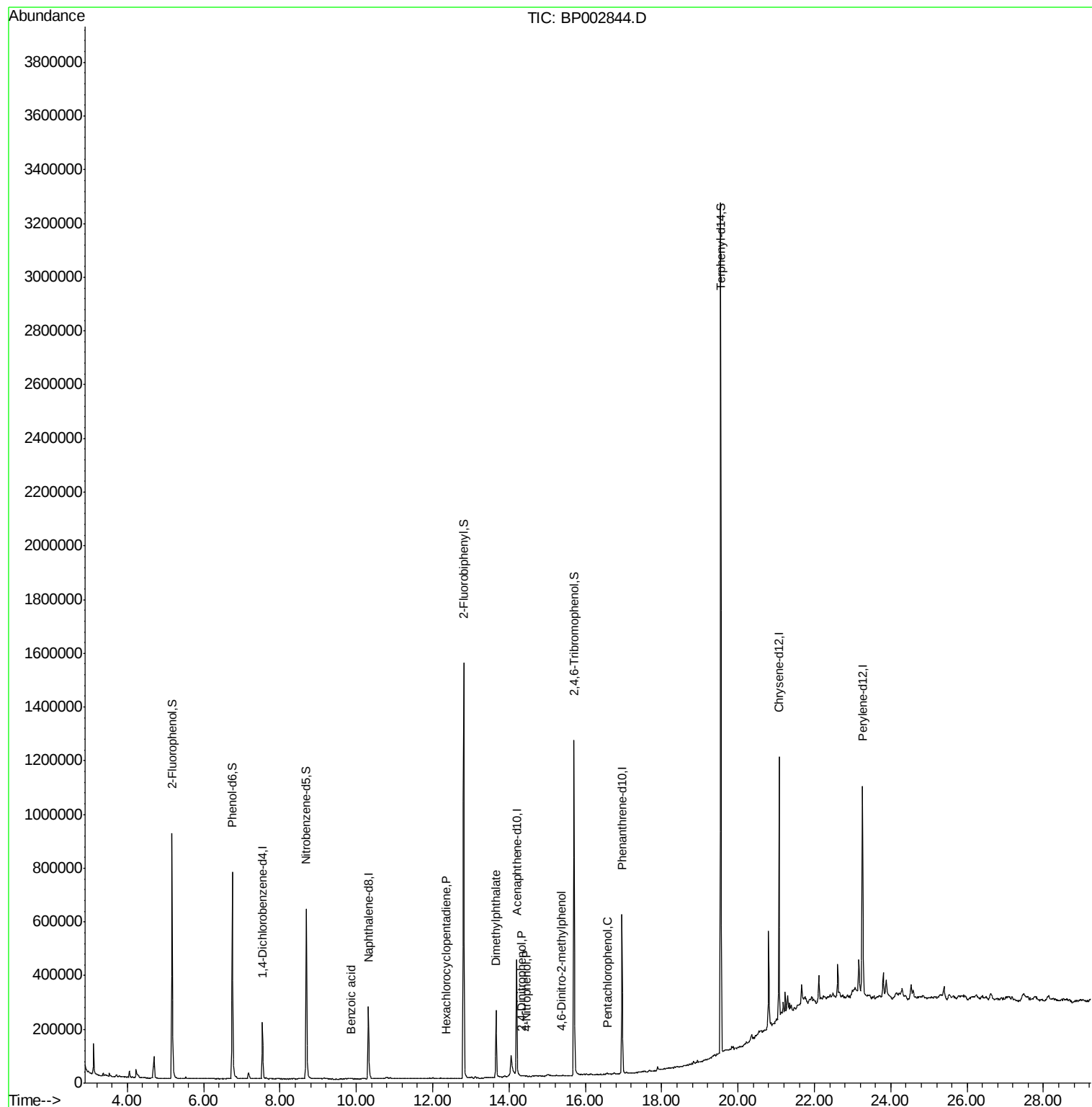
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	55745	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	233552	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	150211	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	350680	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	440626	20.00	ng	0.00
86) Perylene-d12	23.26	264	529321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	426625	129.12	ng	-0.01
7) Phenol-d6	6.75	99	516613	109.56	ng	0.00
23) Nitrobenzene-d5	8.69	82	395192	90.50	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	232690	148.40	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	824965	84.96	ng	-0.01
79) Terphenyl-d14	19.54	244	1368168	71.19	ng	-0.01
Target Compounds						
32) Benzoic acid	9.85	122	114	7.100	ng	91
41) Hexachlorocyclopentadiene	12.35	237	8	7.438	ng	# 1
50) Dimethylphthalate	13.66	163	173500	15.145	ng	99
54) 2,4-Dinitrophenol	14.33	184	16	11.384	ng	# 1
56) 4-Nitrophenol	14.46	139	49	4.993	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	47	5.286	ng	# 1
70) Pentachlorophenol	16.57	266	29	7.455	ng	90

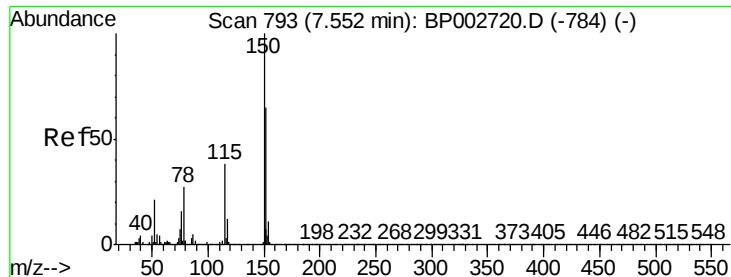
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



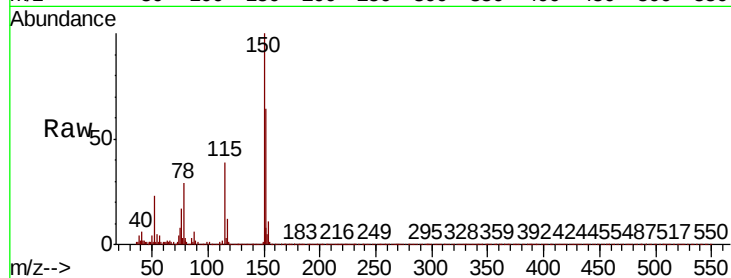


#1

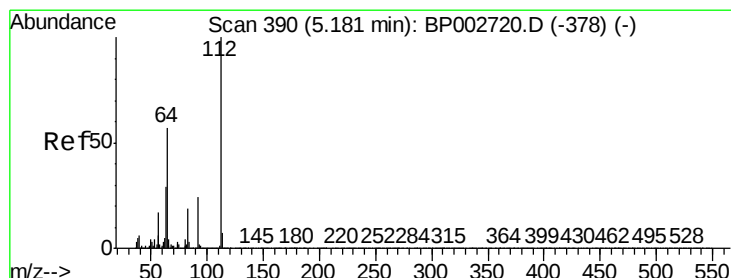
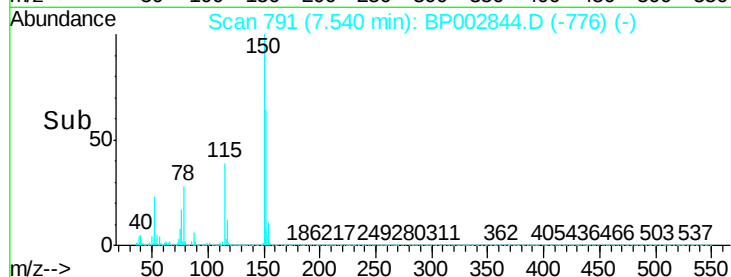
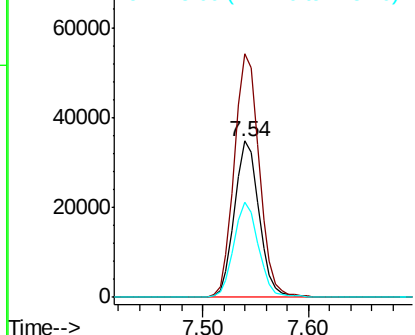
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.7	185.5
115	60.5	47.2	70.8



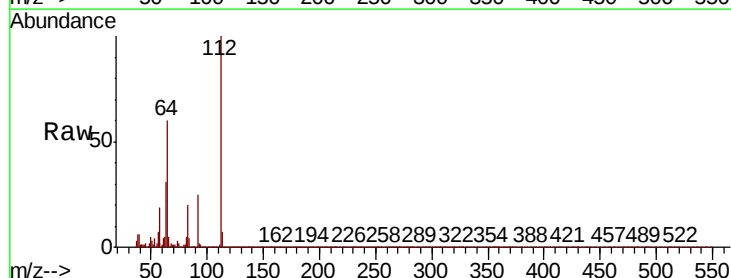
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



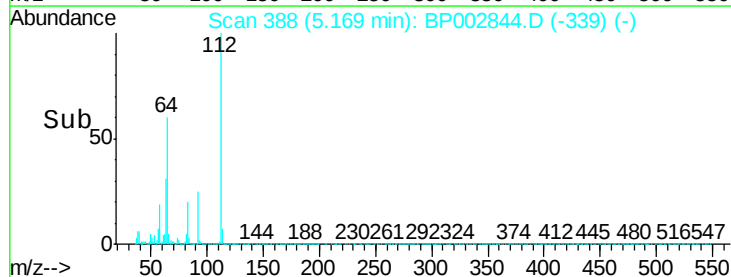
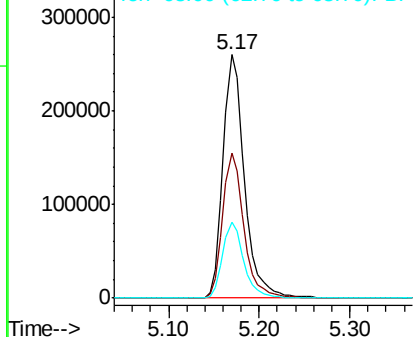
#5

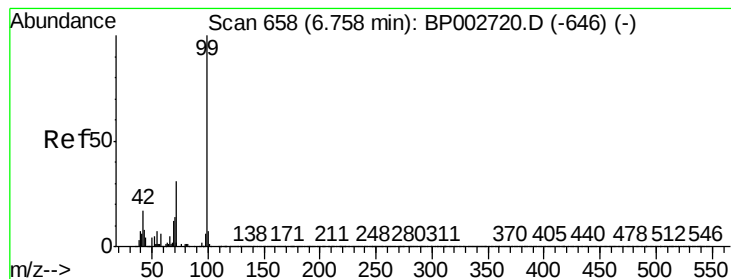
2-Fluorophenol
Concen: 129.123 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	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: 109.559 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002844.D

Acq: 23 Jul 2020 17:19

Instrument :

BNA_P

ClientSampleId :

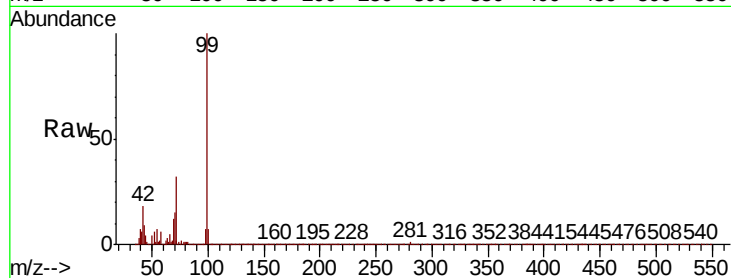
Tot Ion: 99 Resp: 516613

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.2

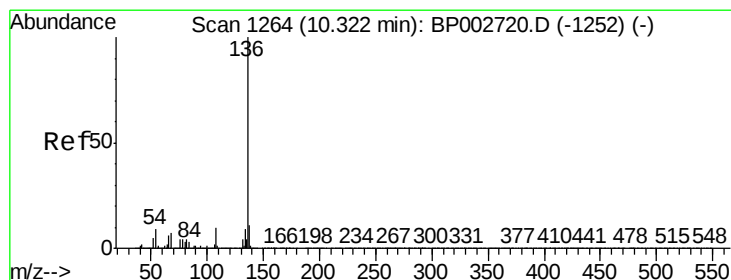
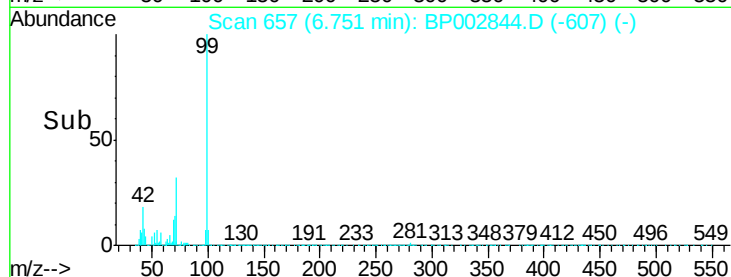
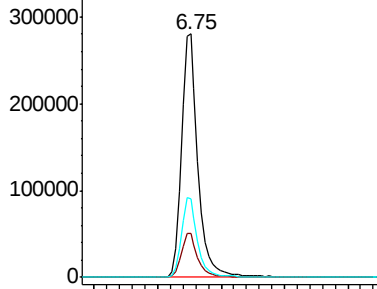
71 32.3 24.6 36.8



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: 10.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BP002844.D

Acq: 23 Jul 2020 17:19

Tgt Ion: 136 Resp: 233552

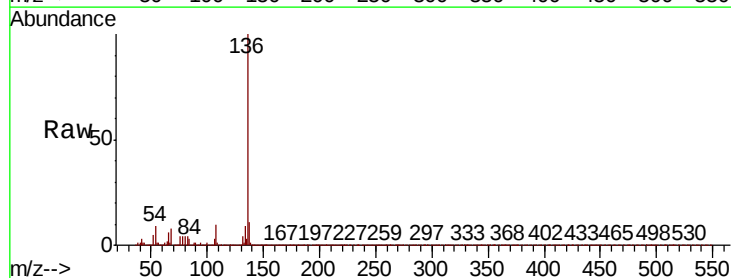
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.1 6.9 10.3

68 7.9 5.7 8.5

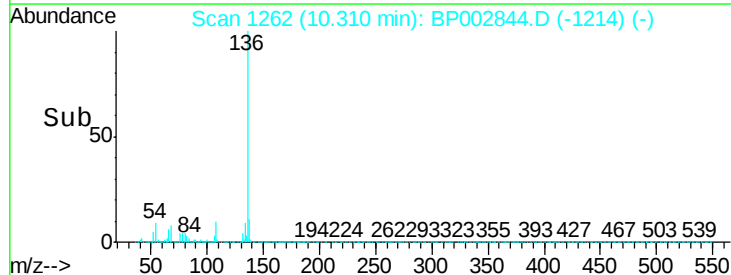
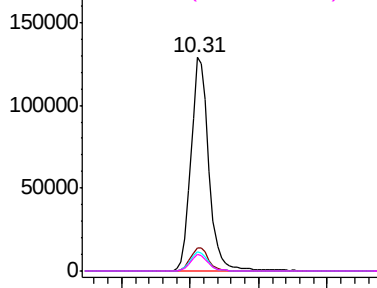


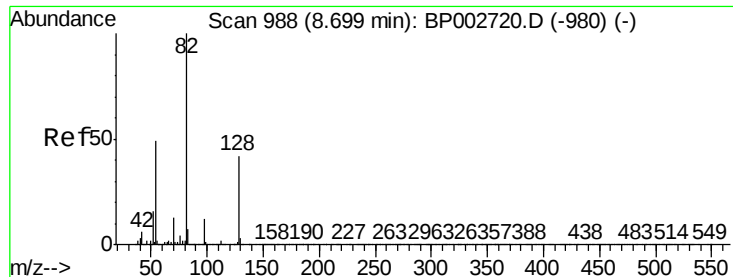
Abundance Ion 136.00 (135.70 to 136.70): E

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

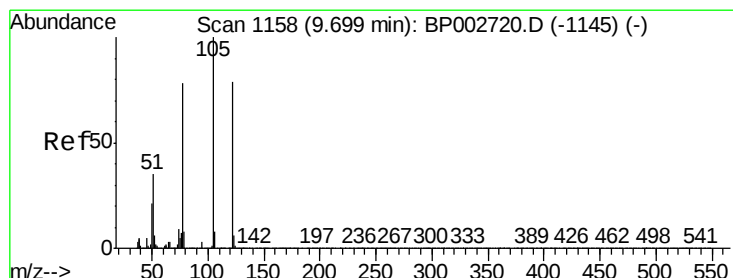
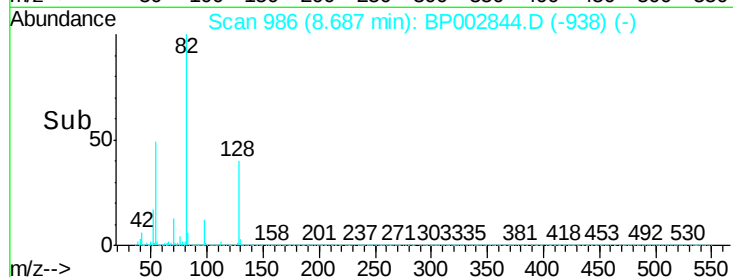
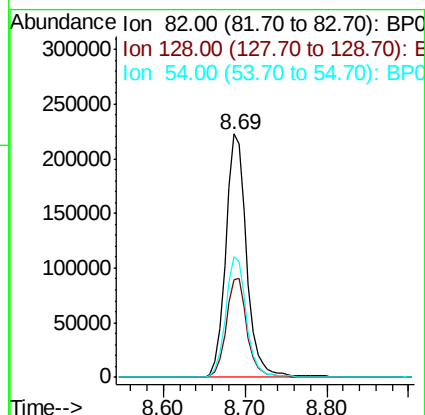
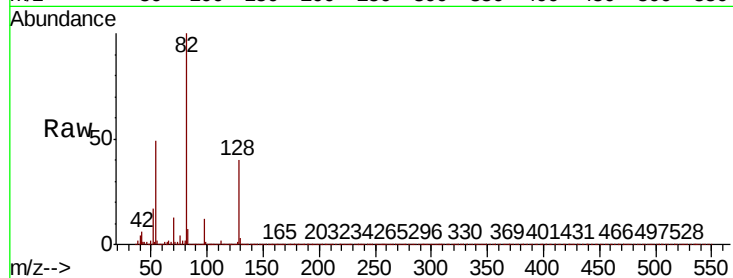




#23
 Nitrobenzene-d5
 Concen: 90.499 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

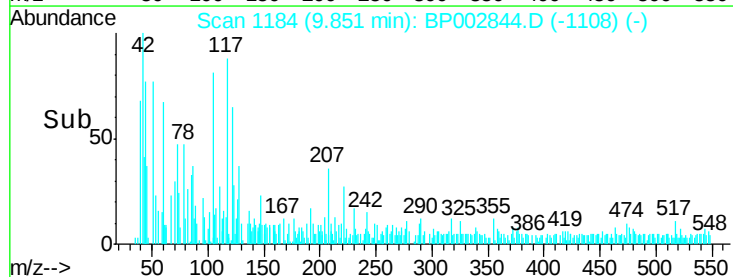
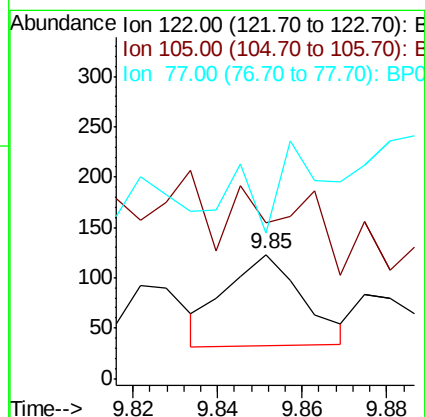
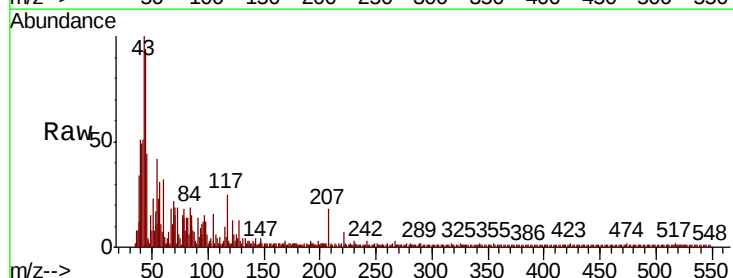
Instrument :
 BNA_P
 ClientSampleId :

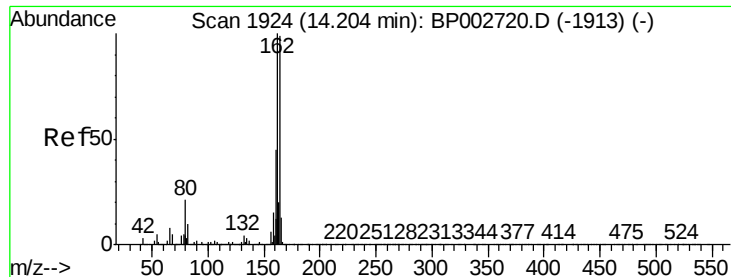
Tot Ion	82	Resp	395192
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.8	50.8
54	49.5	38.8	58.2



#32
 Benzoic acid
 Concen: 7.100 ng
 RT: 9.85 min Scan# 1184
 Delta R.T. 0.15 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

Tgt Ion	122	Resp	114
Ion Ratio	Lower	Upper	
122	100		
105	125.2	105.4	145.4
77	117.9	78.5	118.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BP002844.D

Acq: 23 Jul 2020 17:19

Instrument :

BNA_P

ClientSampleId :

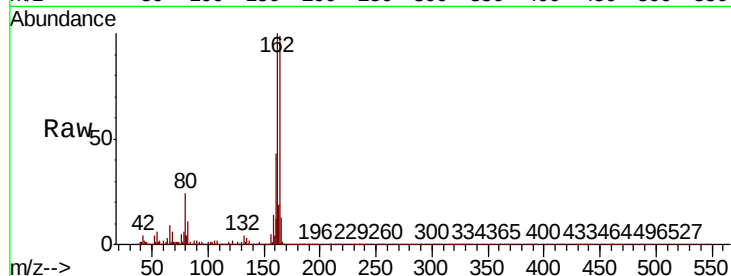
Tot Ion:164 Resp: 150211

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

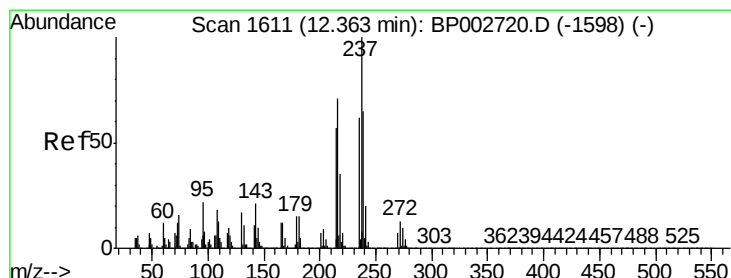
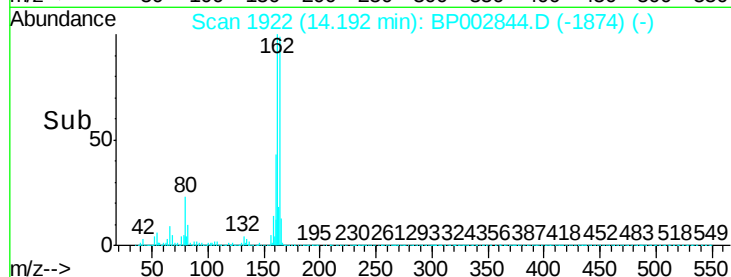
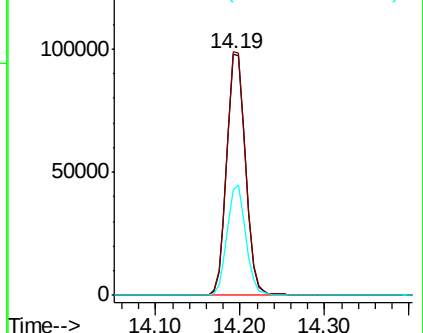
160 43.7 36.4 54.6



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: 12.35 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BP002844.D

Acq: 23 Jul 2020 17:19

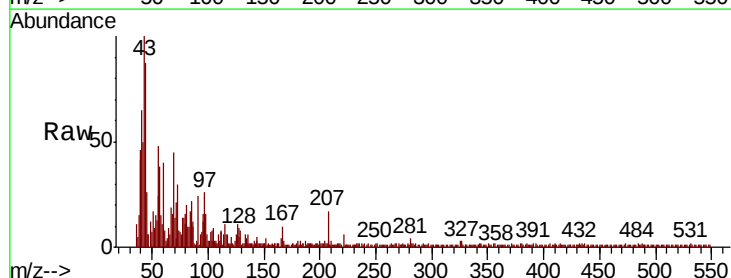
Tgt Ion:237 Resp: 8

Ion Ratio Lower Upper

237 100

235 160.0 42.3 82.3#

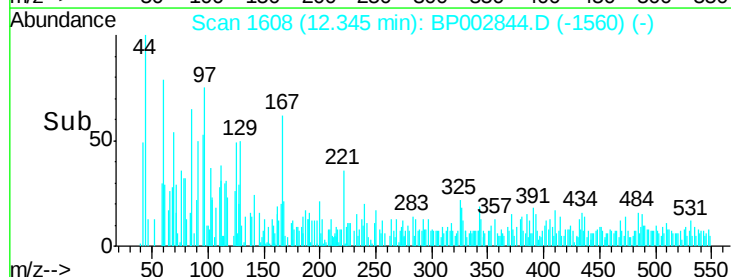
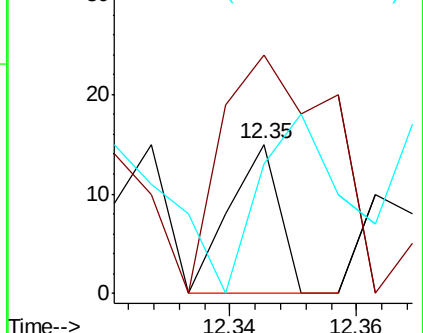
272 86.7 0.0 32.5#

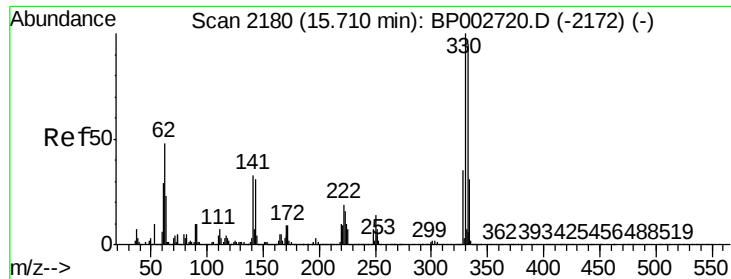


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

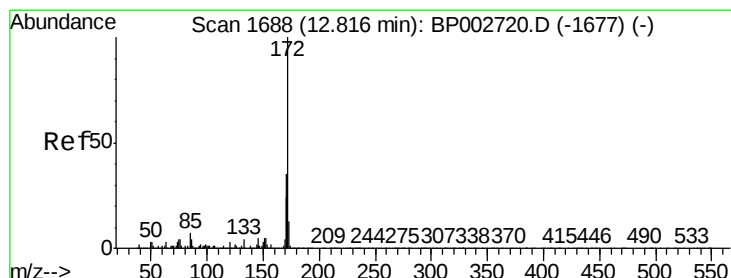
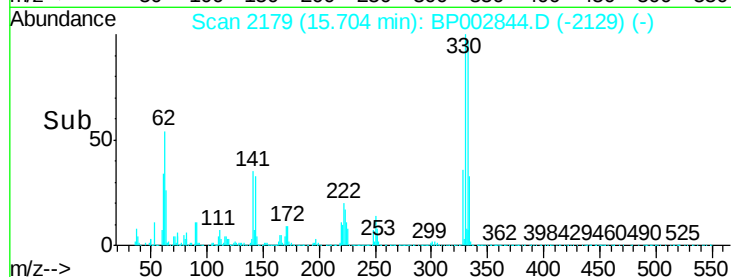
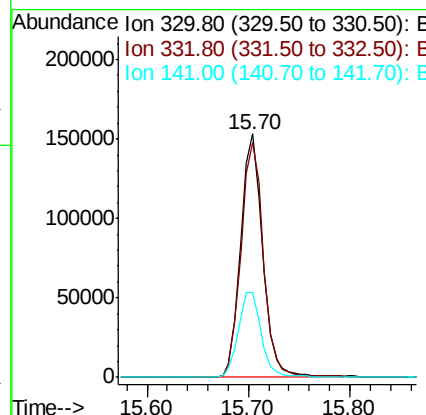
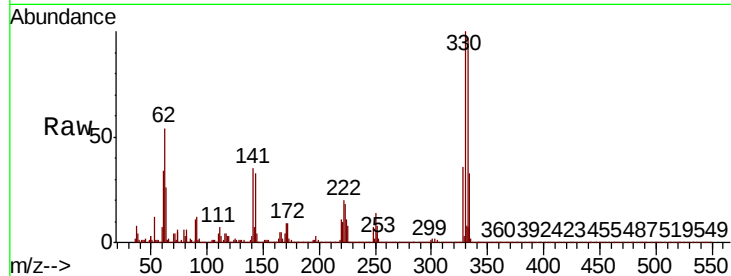




#42
 2,4,6-Tribromophenol
 Concen: 148.403 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

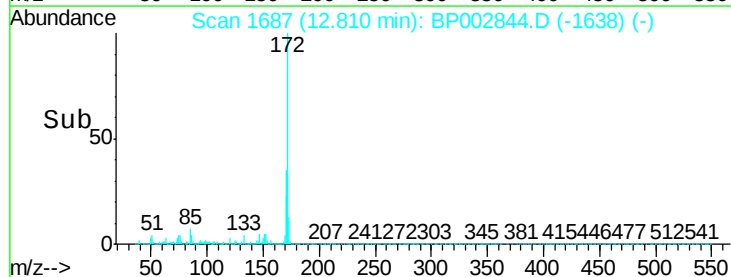
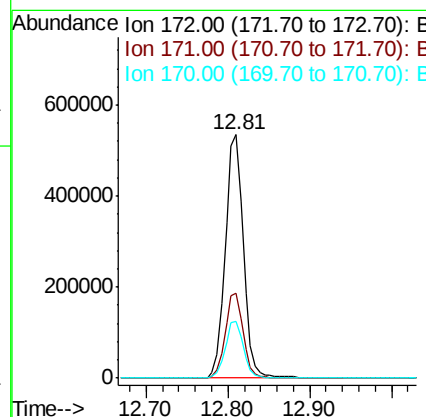
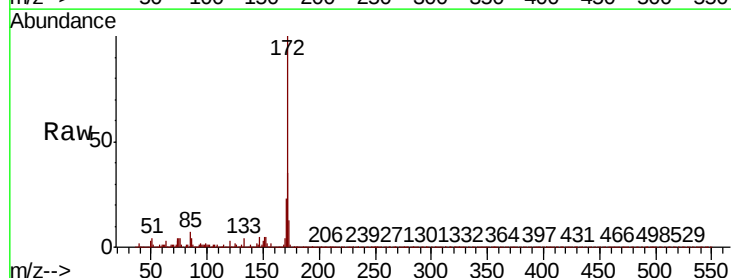
Instrument :
 BNA_P
 ClientSampleId :

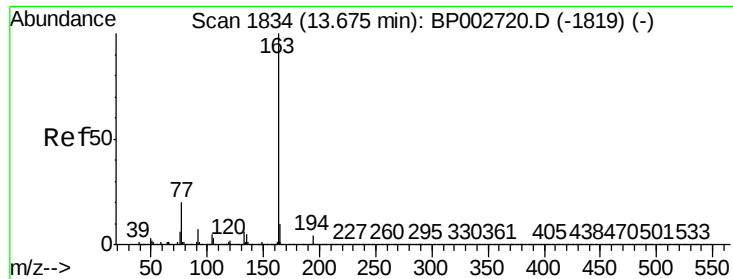
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.5	114.7
141	36.7	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 84.961 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.5	19.3	28.9

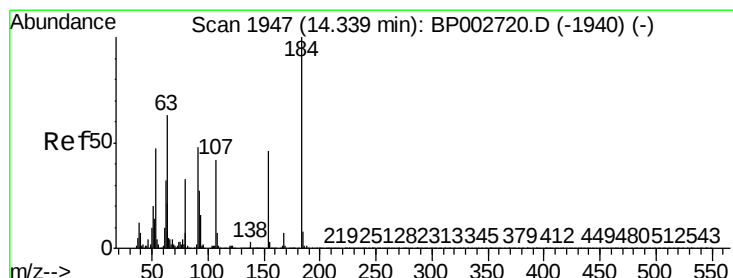
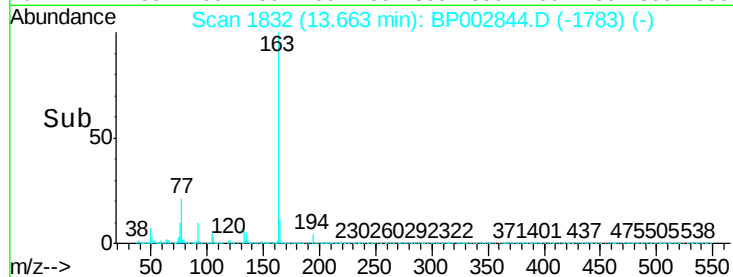
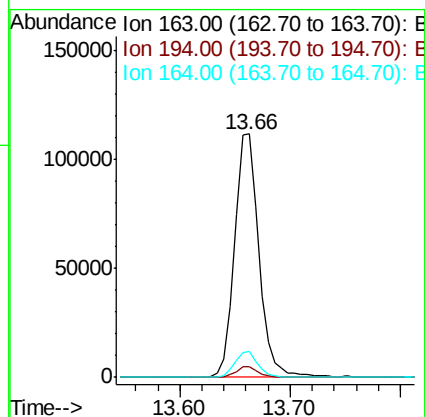
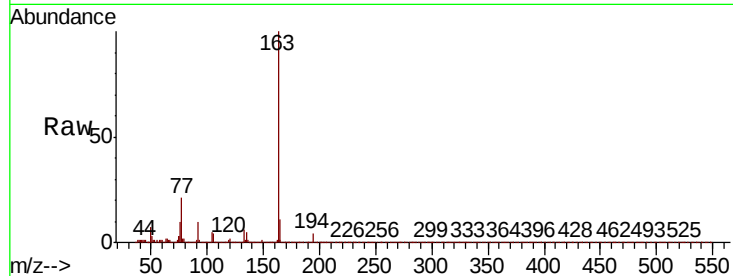




#50
Dimethylphthalate
Concen: 15.145 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

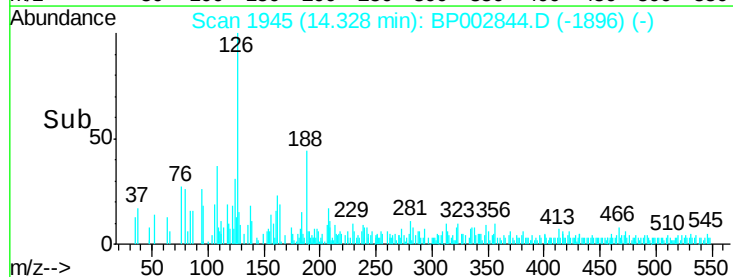
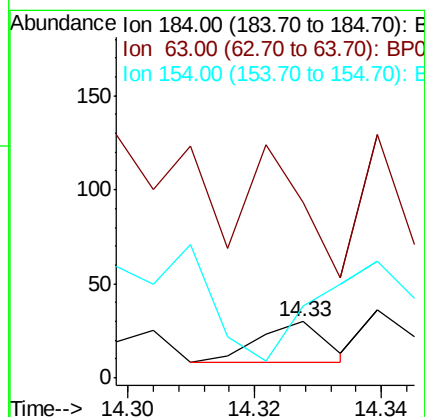
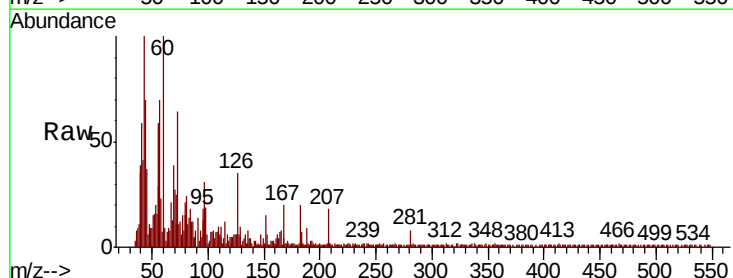
Instrument :
BNA_P
ClientSampled :

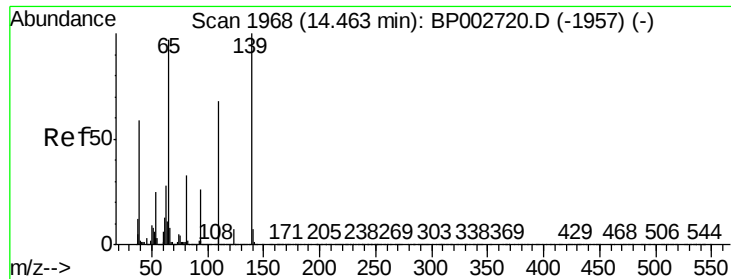
Tot Ion:163 Resp: 173500
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.384 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 310.0 51.6 77.4#
154 126.7 45.0 67.6#

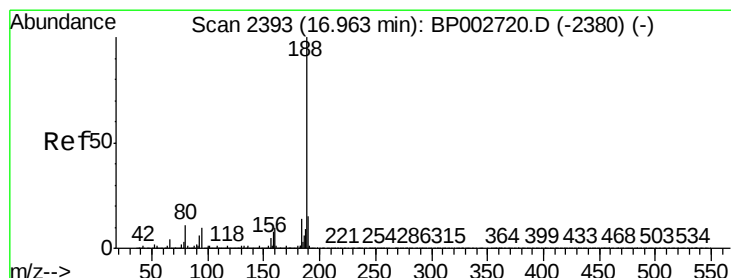
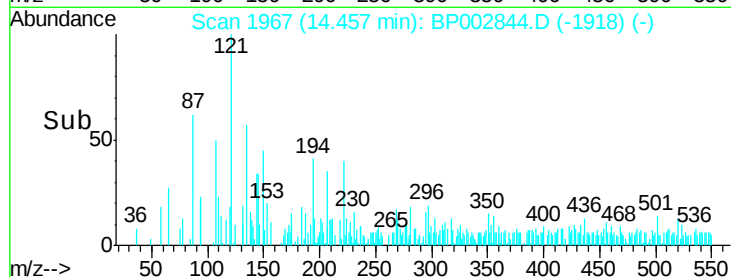
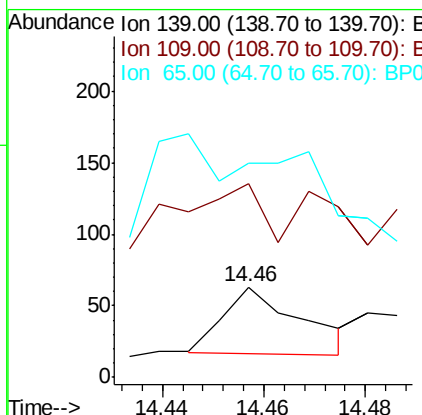
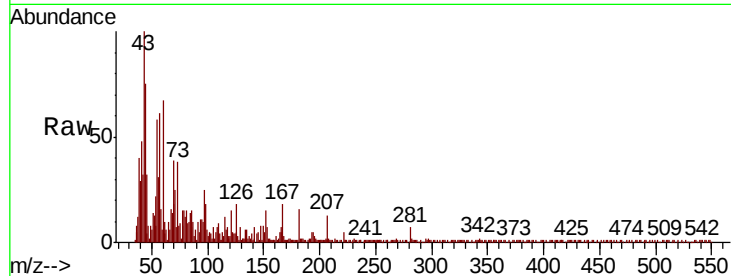




#56
4-Nitrophenol
Concen: 4.993 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

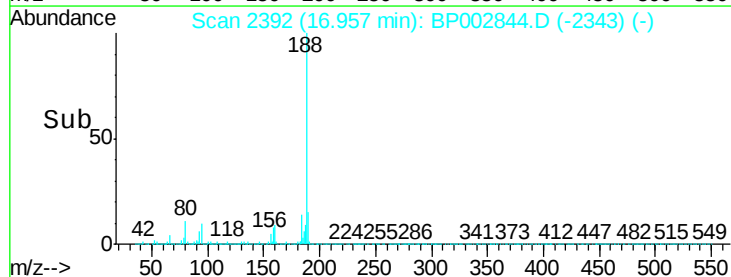
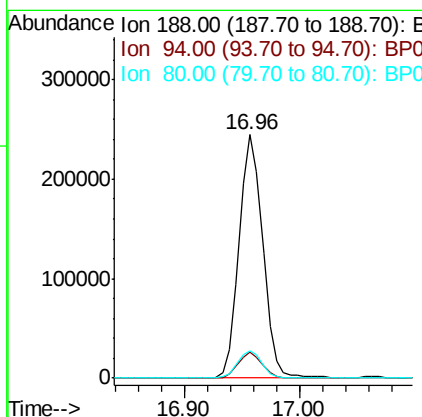
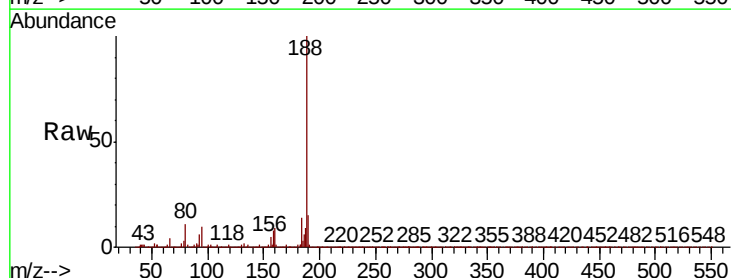
Instrument :
BNA_P
ClientSampleId :

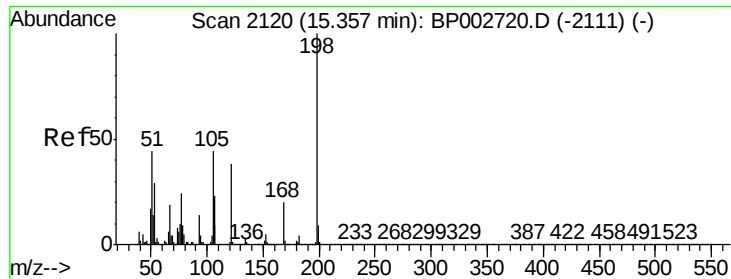
Tot Ion:139 Resp: 49
Ion Ratio Lower Upper
139 100
109 214.3 48.1 88.1#
65 238.1 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

Tgt Ion:188 Resp: 350680
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.4 8.9 13.3

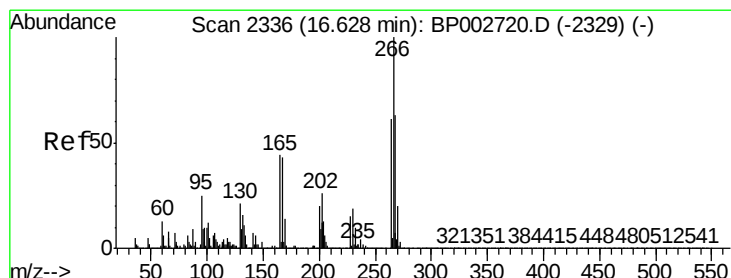
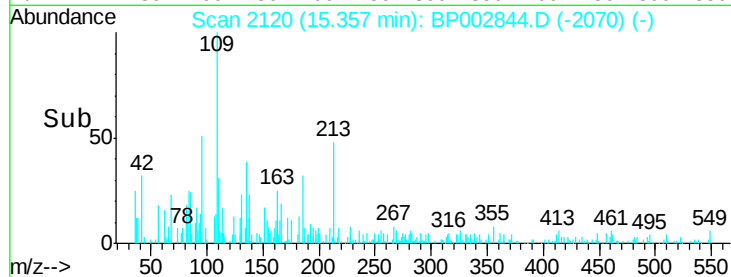
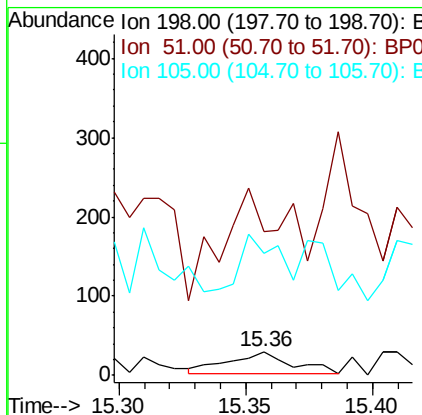
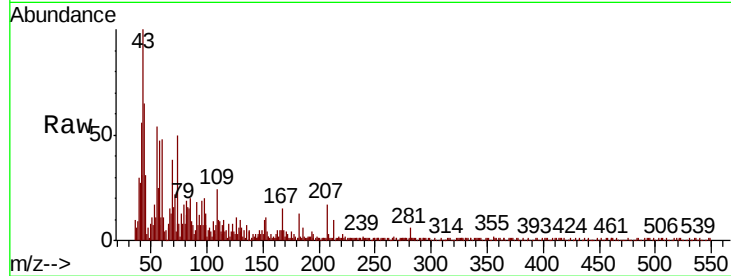




#65
4,6-Dinitro-2-methylphenol
Concen: 5.286 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

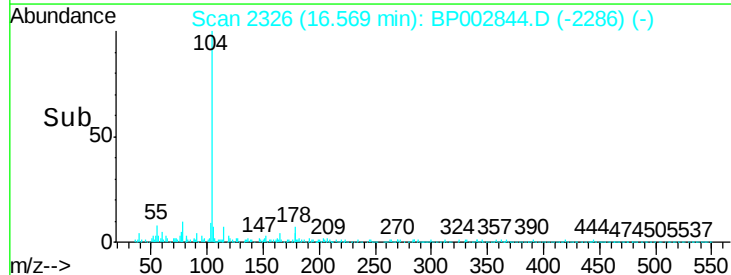
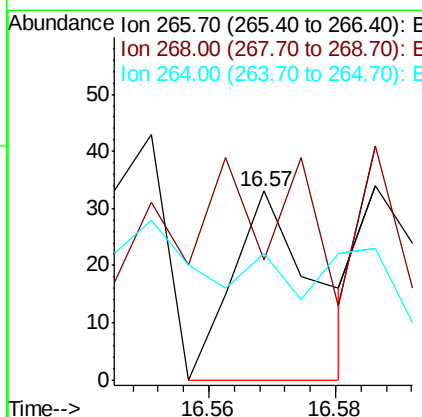
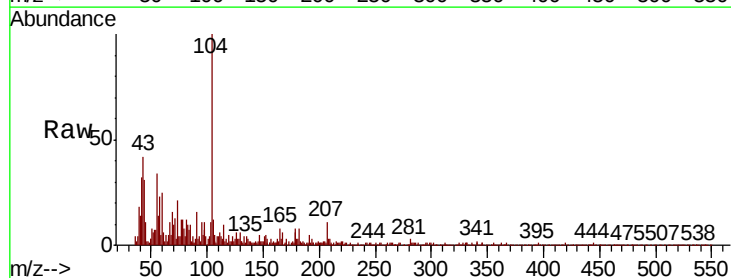
Instrument :
BNA_P
ClientSampled :

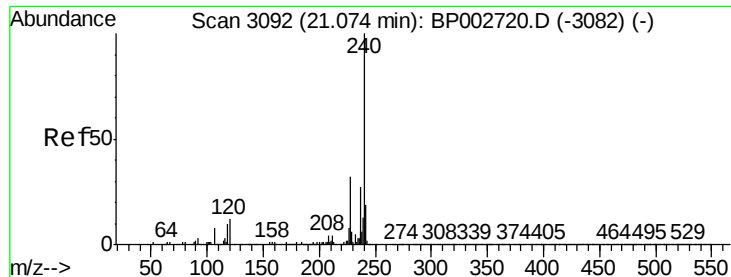
Tot Ion:198 Resp: 47
Ion Ratio Lower Upper
198 100
51 603.3 27.1 67.1#
105 513.3 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.455 ng
RT: 16.57 min Scan# 2326
Delta R.T. -0.06 min
Lab File: BP002844.D
Acq: 23 Jul 2020 17:19

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
268 72.7 50.6 75.8
264 66.7 48.6 72.8

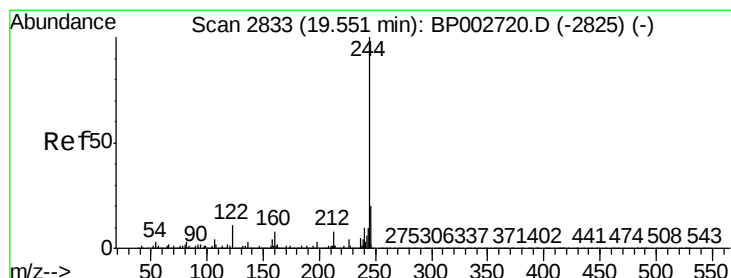
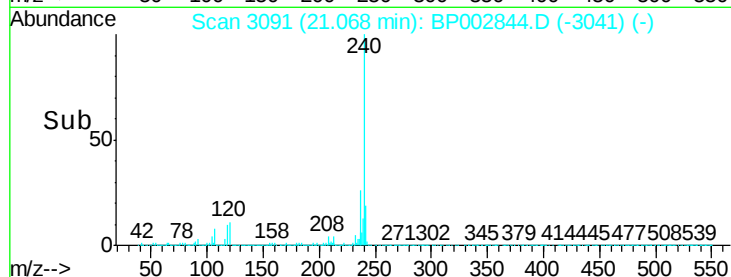
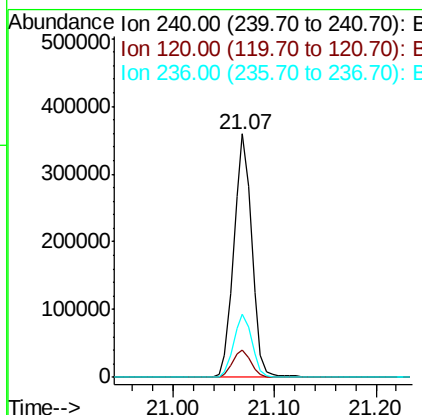
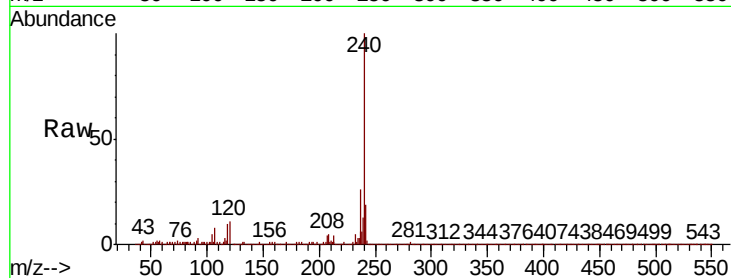




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

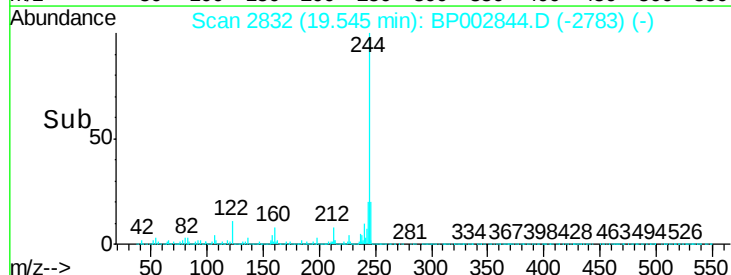
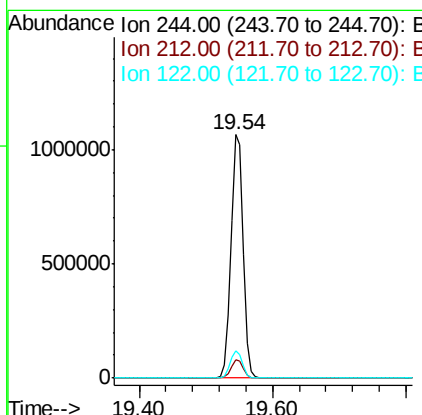
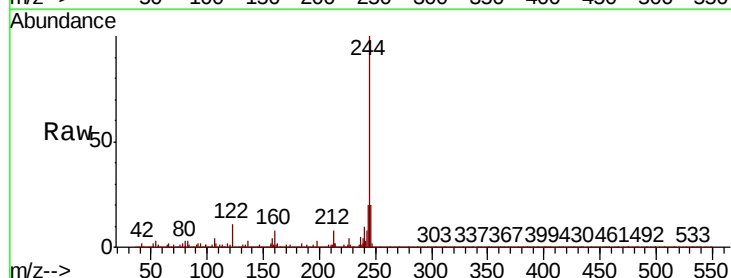
Instrument :
 BNA_P
 ClientSampleId :

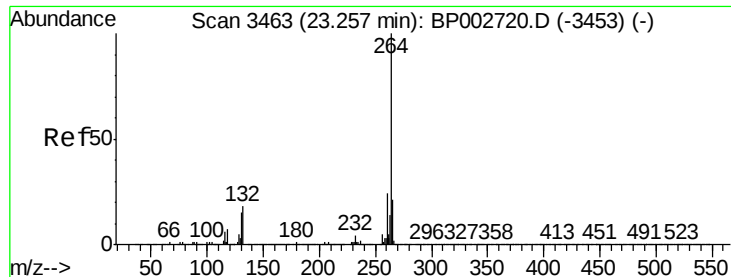
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	26.1	21.3	31.9



#79
 Terphenyl-d14
 Concen: 71.190 ng
 RT: 19.54 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002844.D
 Acq: 23 Jul 2020 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.4	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: BP002844.D
 Acq: 23 Jul 2020 17:19

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	264	Resp:	529321
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.1	16.8	25.2

