

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002845.D
 Acq On : 23 Jul 2020 17:53
 Operator : CG/JU
 Sample : L3381-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 24 00:59:22 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

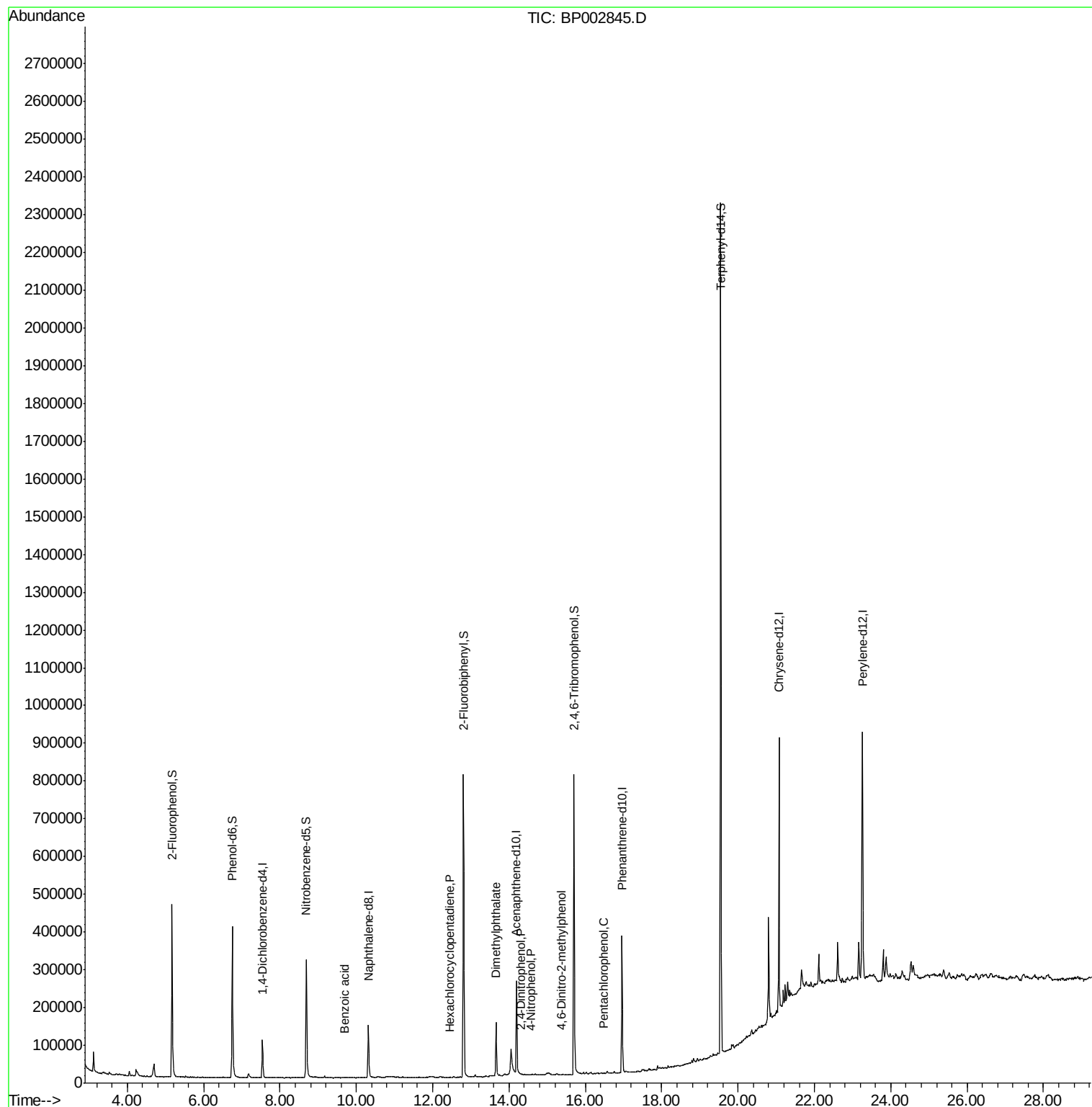
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	28721	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	120428	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	83317	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	213665	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	329969	20.00	ng	0.00
86) Perylene-d12	23.25	264	468330	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	222160	130.51	ng	-0.01
7) Phenol-d6	6.75	99	277526	114.23	ng	-0.01
23) Nitrobenzene-d5	8.69	82	205129	91.10	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	148332	170.56	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	455148	84.51	ng	-0.01
79) Terphenyl-d14	19.55	244	1005192	69.84	ng	-0.01
Target Compounds						
32) Benzoic acid	9.69	122	12	7.070	ng	# 1
41) Hexachlorocyclopentadiene	12.45	237	35	7.462	ng	89
50) Dimethylphthalate	13.66	163	99847	15.714	ng	99
54) 2,4-Dinitrophenol	14.30	184	14	11.390	ng	# 1
56) 4-Nitrophenol	14.57	139	51	5.011	ng	93
65) 4,6-Dinitro-2-methylphenol	15.37	198	38	5.293	ng	# 1
70) Pentachlorophenol	16.48	266	64	7.490	ng	94

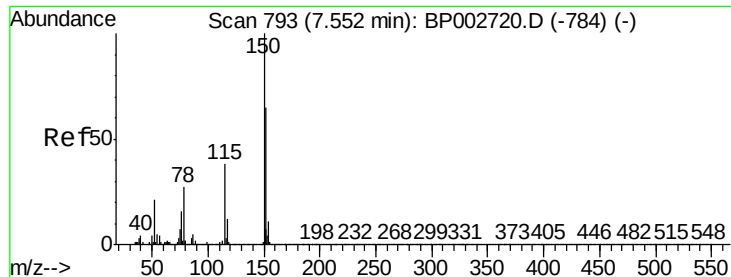
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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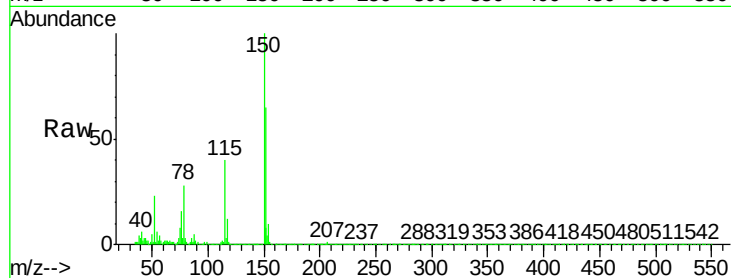


#1

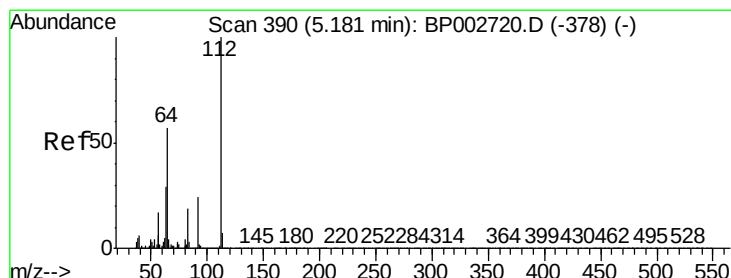
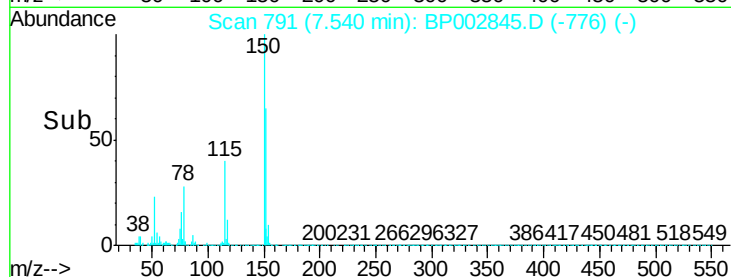
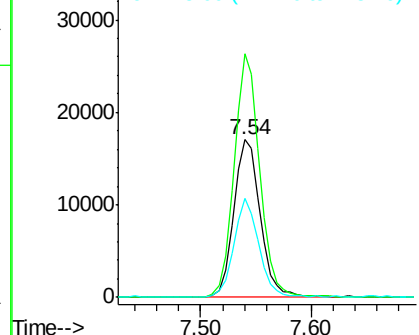
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.7	185.5
115	62.6	47.2	70.8



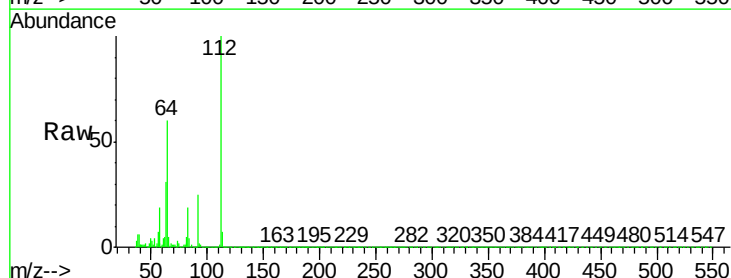
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



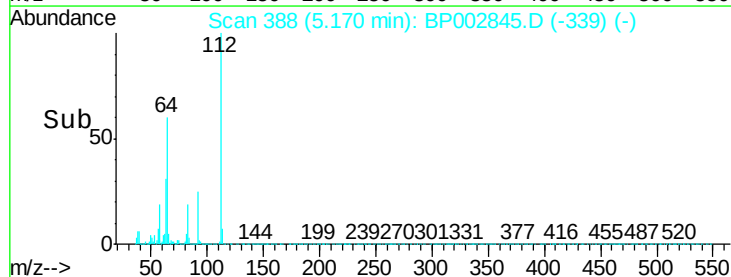
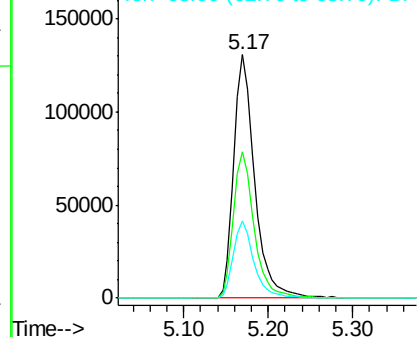
#5

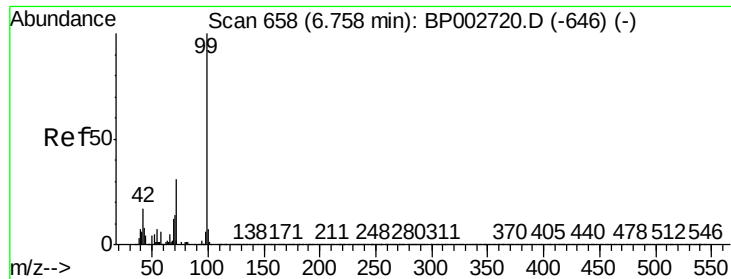
2-Fluorophenol
Concen: 130.506 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	45.6	68.4
63	31.5	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: 114.233 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002845.D

Acq: 23 Jul 2020 17:53

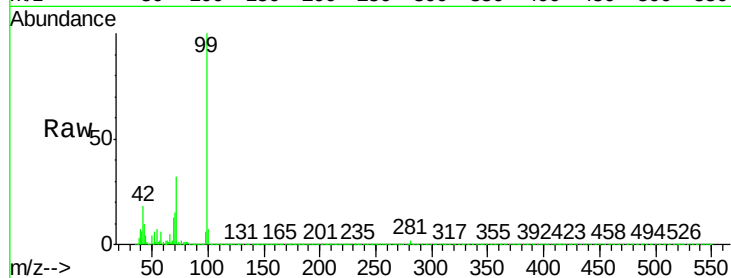
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 277526

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	32.1	24.6	36.8

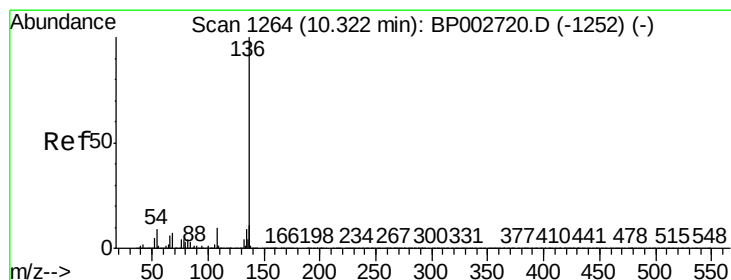
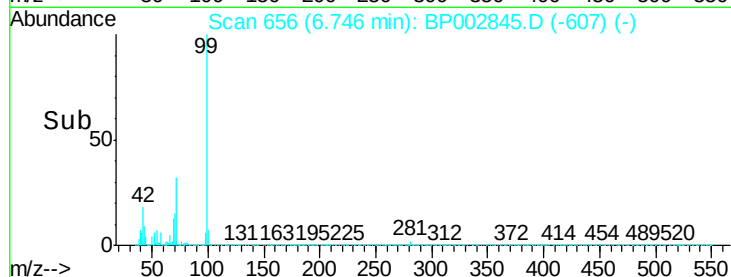
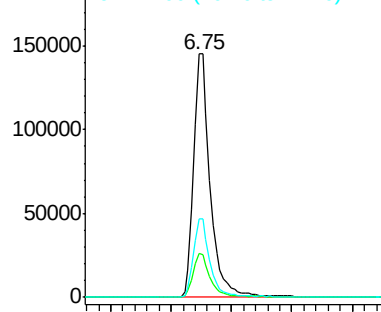


Abundance

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: 10.31 min Scan# 1262

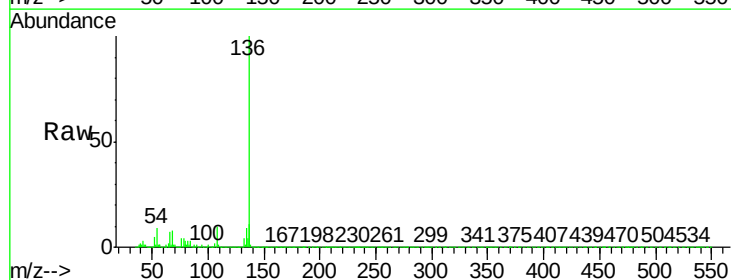
Delta R.T. -0.02 min

Lab File: BP002845.D

Acq: 23 Jul 2020 17:53

Tgt Ion: 136 Resp: 120428

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	6.9	10.3
68	7.7	5.7	8.5



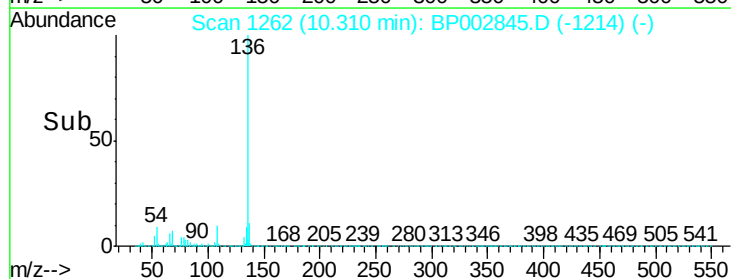
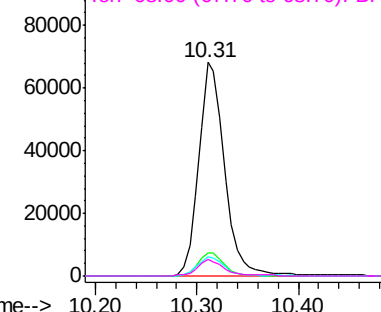
Abundance

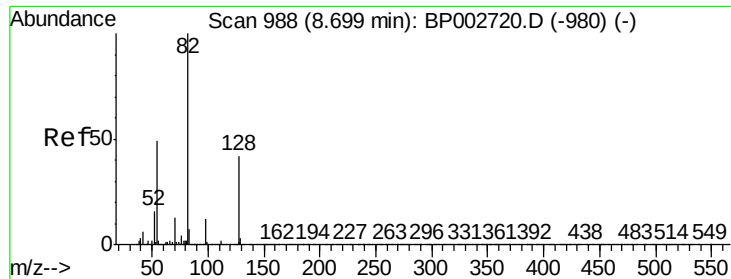
Ion 136.00 (135.70 to 136.70): E

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

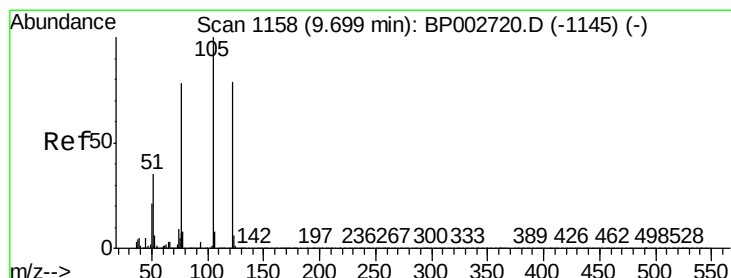
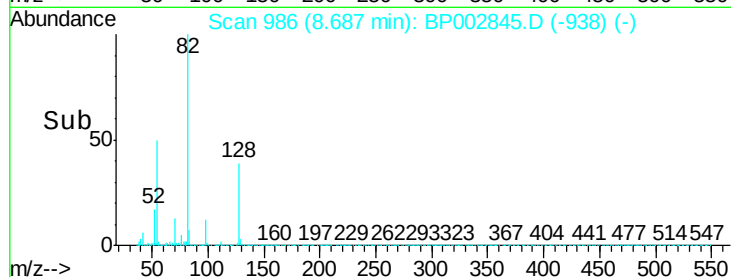
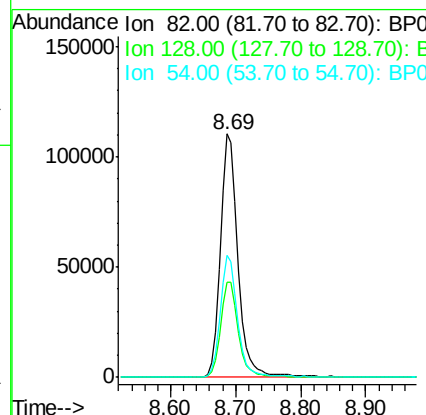
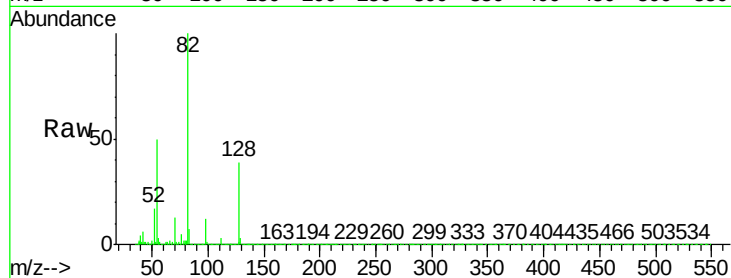




#23
Nitrobenzene-d5
Concen: 91.100 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

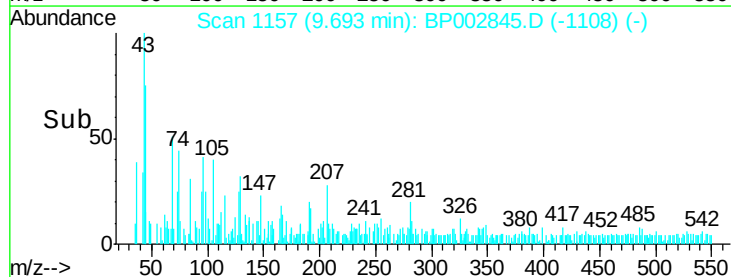
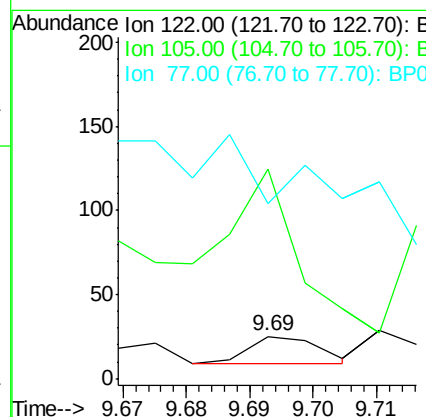
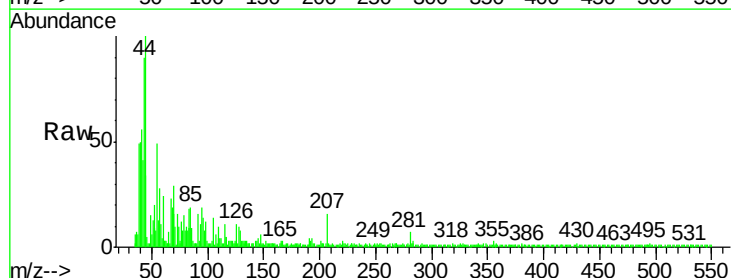
Instrument :
BNA_P
ClientSampled :

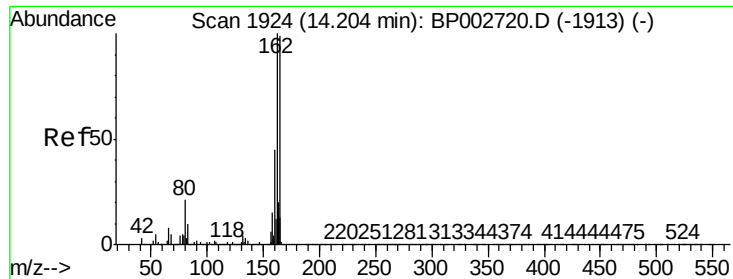
Tot Ion	82	Resp	205129
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.8	50.8
54	50.0	38.8	58.2



#32
Benzoic acid
Concen: 7.070 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Tgt Ion	122	Resp	12
Ion Ratio	Lower	Upper	
122	100		
105	500.0	105.4	145.4#
77	416.0	78.5	118.5#

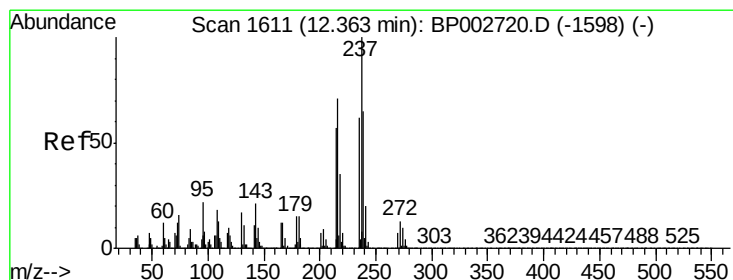
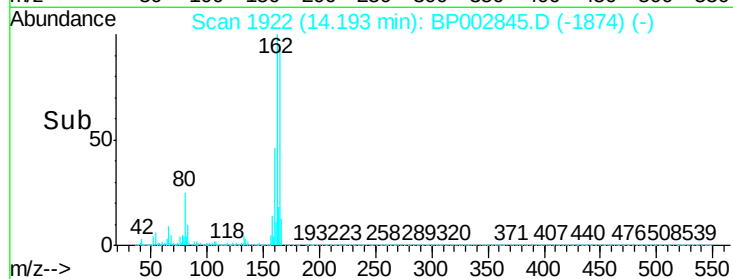
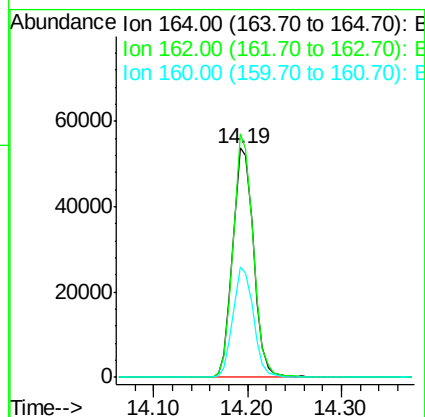
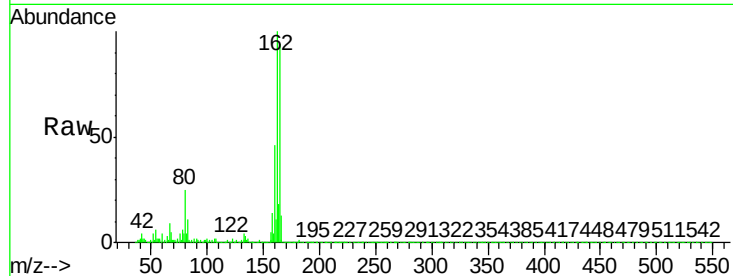




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BP002845.D
 Acq: 23 Jul 2020 17:53

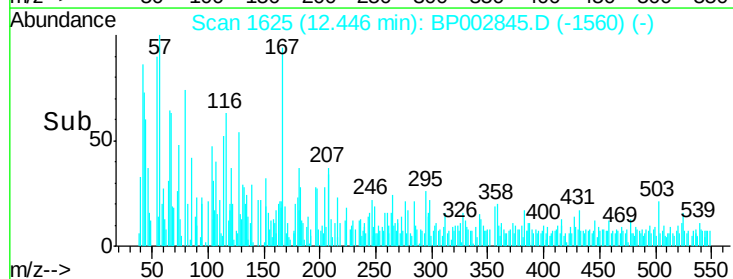
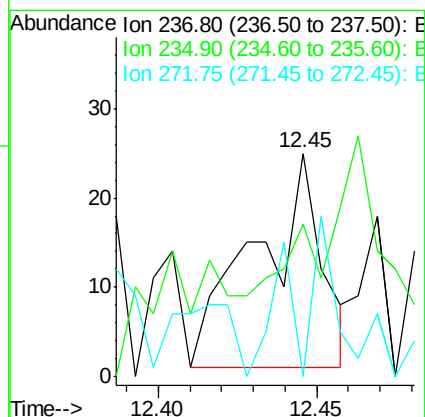
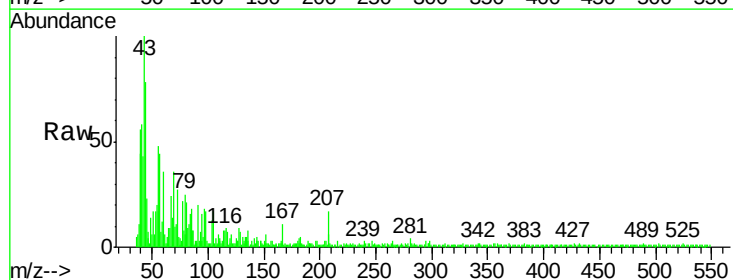
Instrument :
 BNA_P
 ClientSampleId :

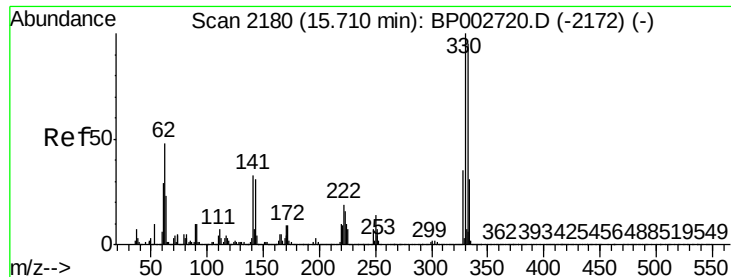
Tot Ion:164 Resp: 83317
 Ion Ratio Lower Upper
 164 100
 162 106.3 80.6 121.0
 160 48.4 36.4 54.6



#41
 Hexachlorocyclopentadiene
 Concen: 7.462 ng
 RT: 12.45 min Scan# 1625
 Delta R.T. 0.08 min
 Lab File: BP002845.D
 Acq: 23 Jul 2020 17:53

Tgt Ion:237 Resp: 35
 Ion Ratio Lower Upper
 237 100
 235 68.0 42.3 82.3
 272 0.0 0.0 32.5

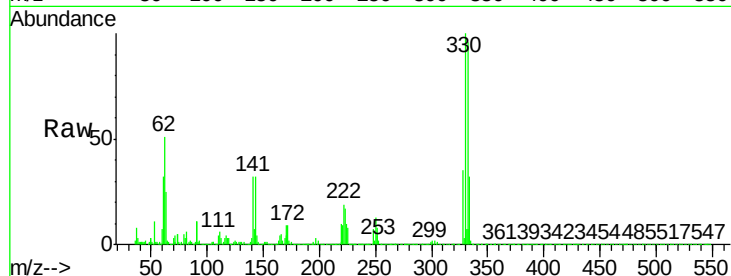




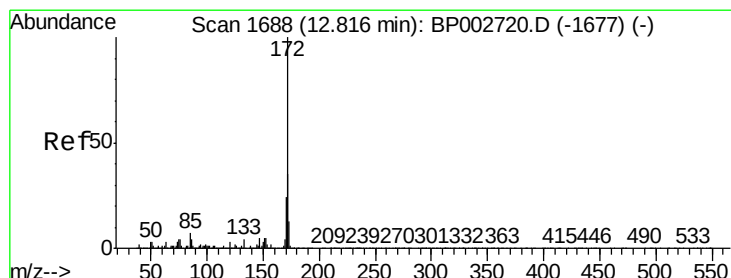
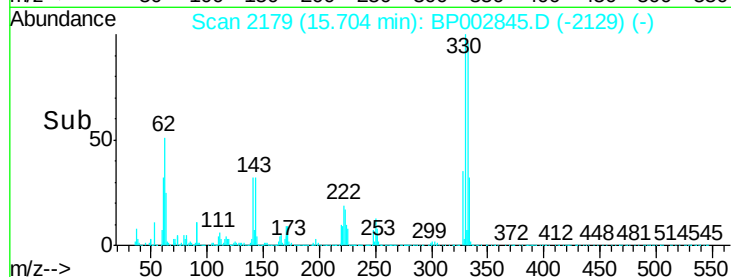
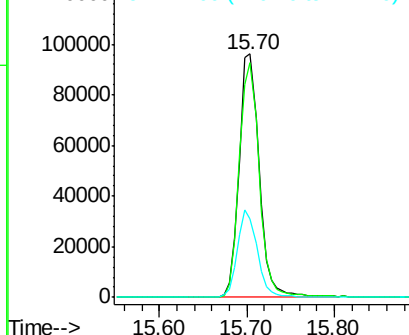
#42
2,4,6-Tribromophenol
Concen: 170.556 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	35.6	28.8	43.2

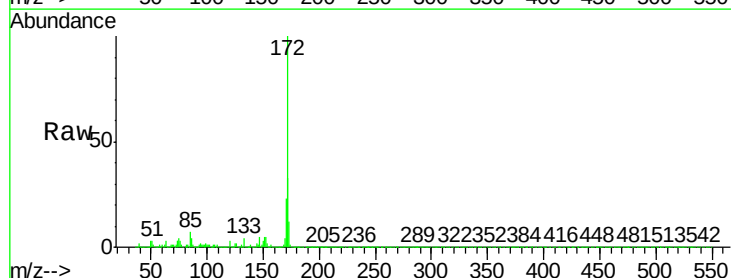


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

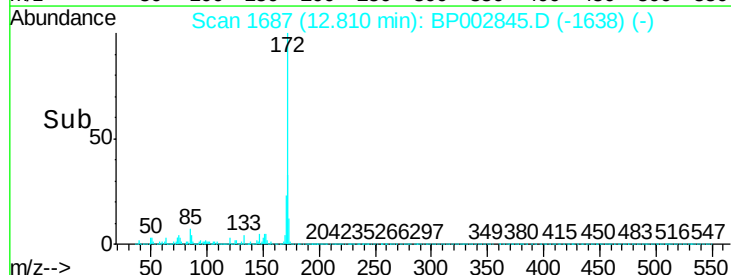
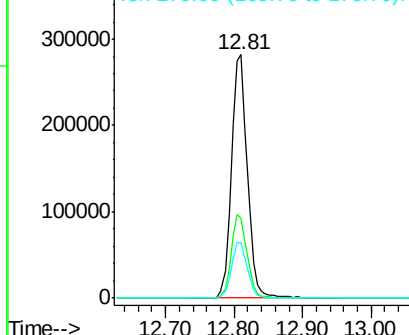


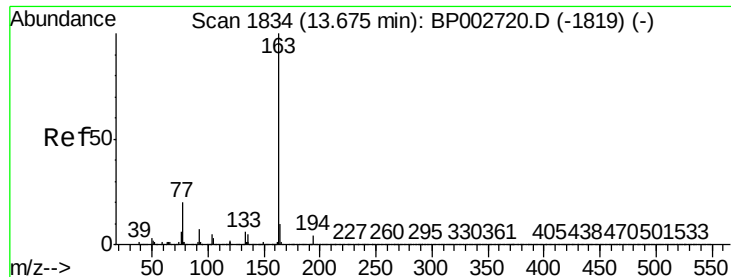
#45
2-Fluorobiphenyl
Concen: 84.509 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.1	42.1
170	22.8	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: 15.714 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002845.D

Acq: 23 Jul 2020 17:53

Instrument :

BNA_P

ClientSampleId :

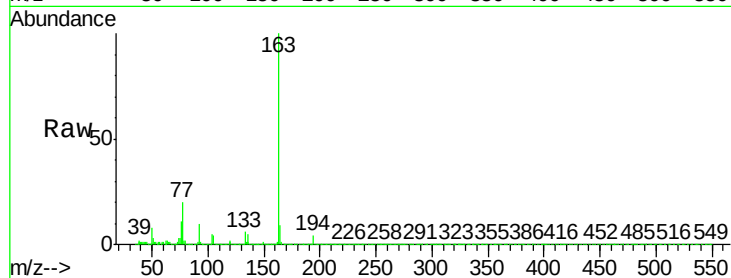
Tot Ion:163 Resp: 99847

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

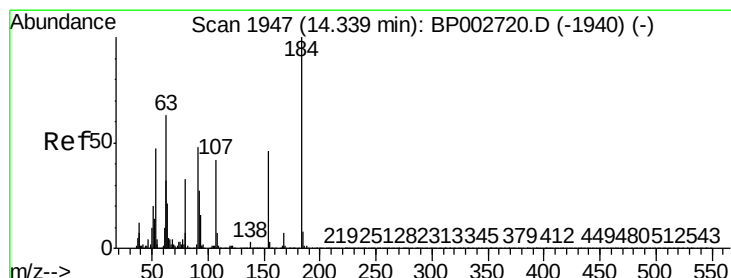
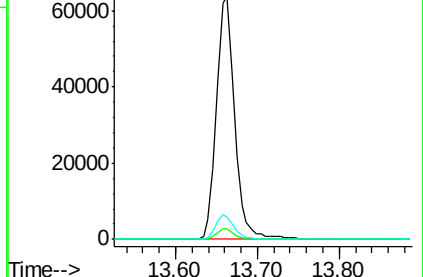
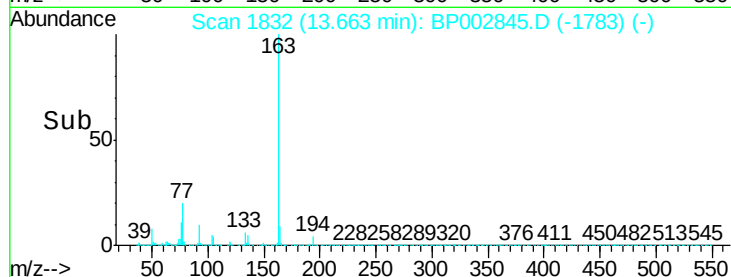
164 9.4 7.8 11.8



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: 11.390 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.04 min

Lab File: BP002845.D

Acq: 23 Jul 2020 17:53

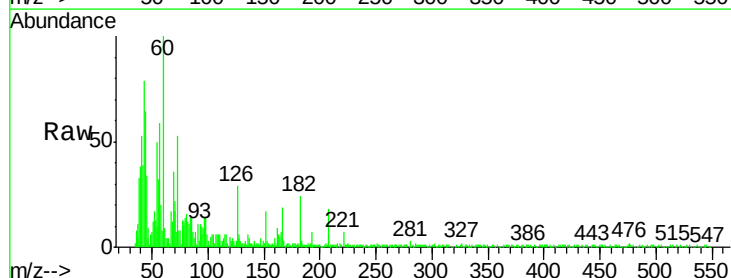
Tgt Ion:184 Resp: 14

Ion Ratio Lower Upper

184 100

63 225.9 51.6 77.4#

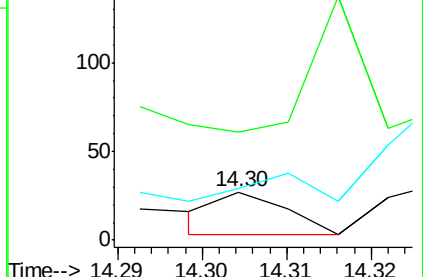
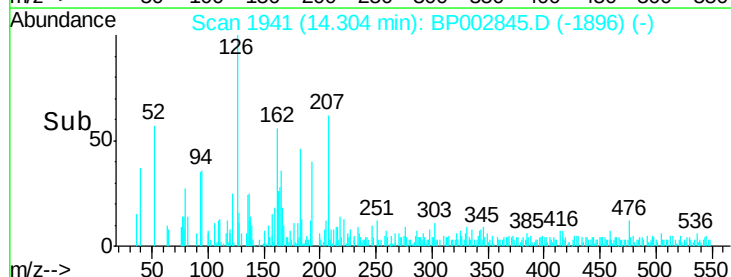
154 166.7 45.0 67.6#

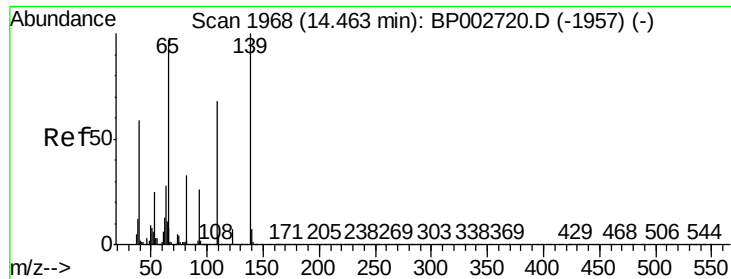


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

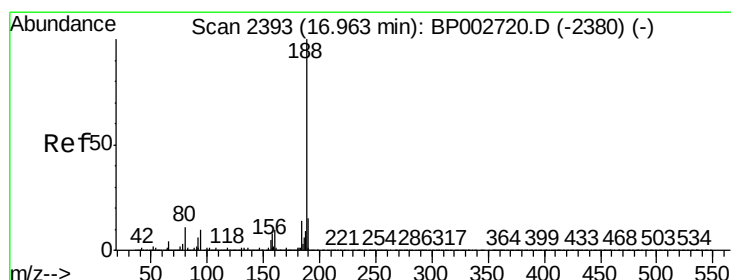
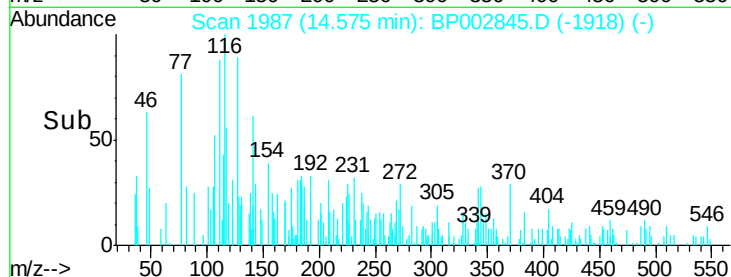
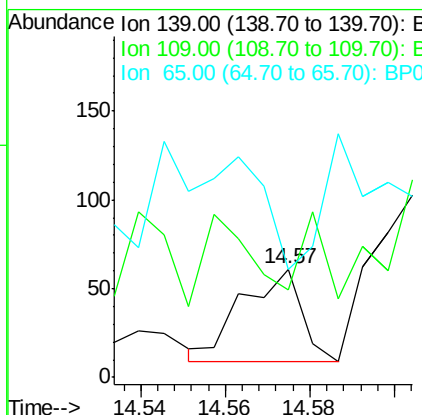
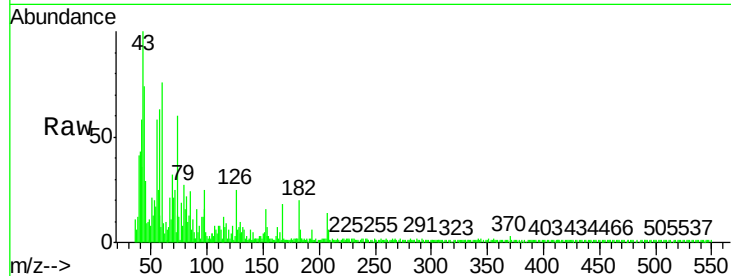




#56
4-Nitrophenol
Concen: 5.011 ng
RT: 14.57 min Scan# 1987
Delta R.T. 0.11 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

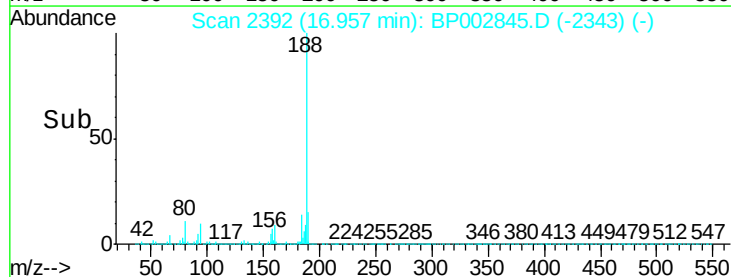
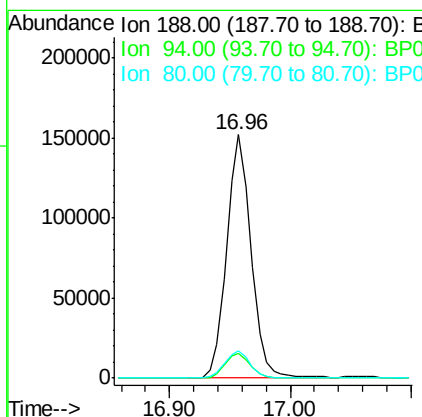
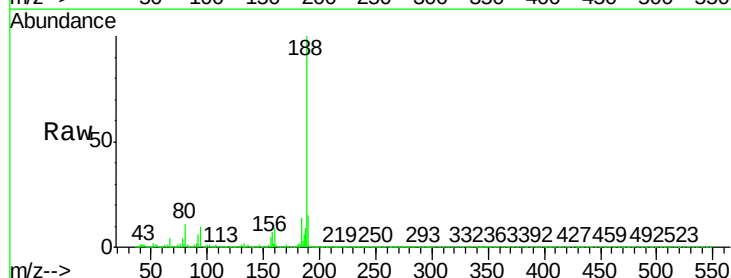
Instrument :
BNA_P
ClientSampled :

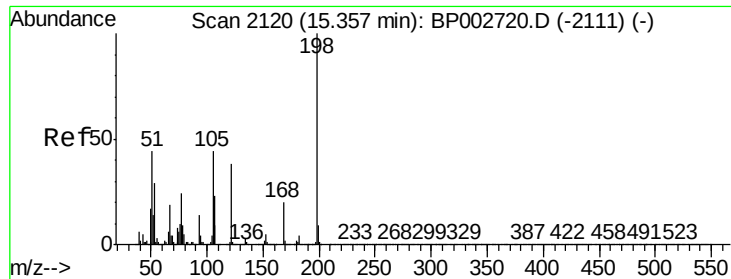
Tot Ion:139 Resp: 51
Ion Ratio Lower Upper
139 100
109 73.1 48.1 88.1
65 91.0 77.9 117.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Tgt Ion:188 Resp: 213665
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.0 8.9 13.3

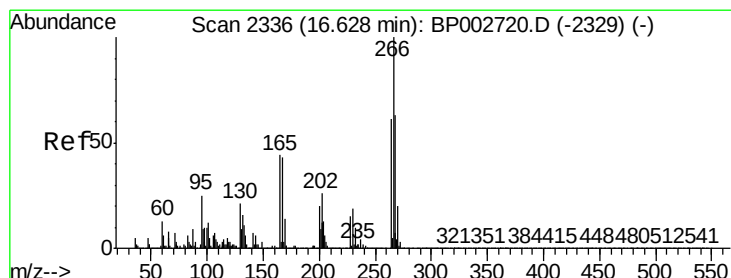
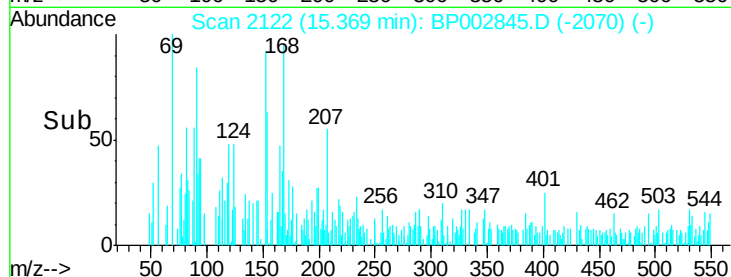
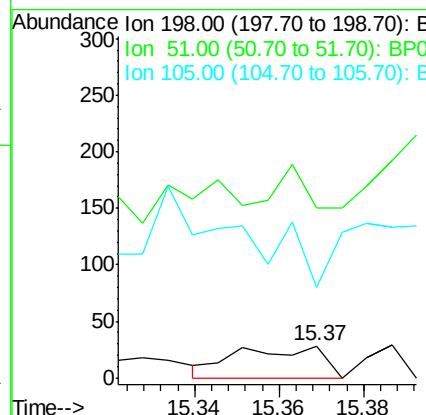
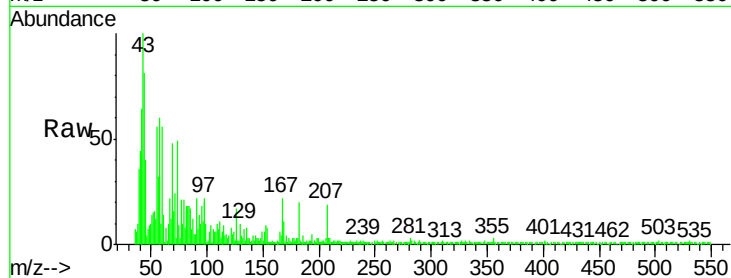




#65
4,6-Dinitro-2-methylphenol
Concen: 5.293 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

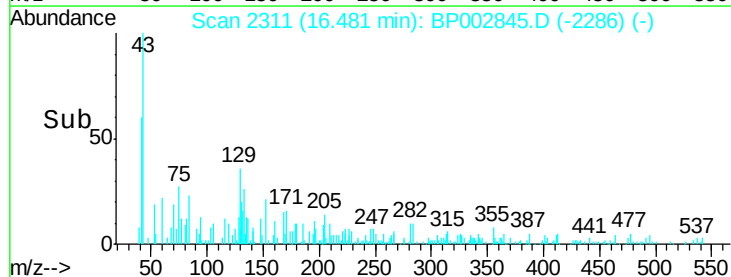
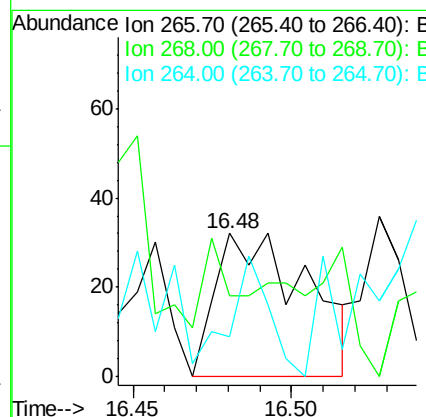
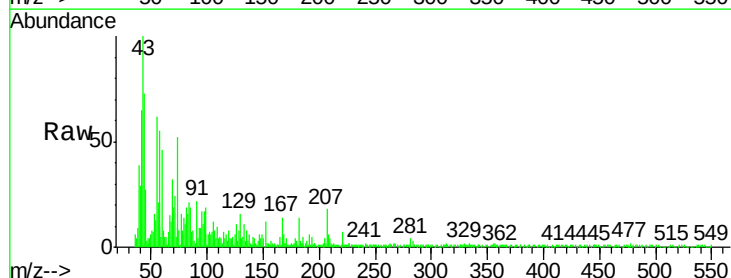
Instrument :
BNA_P
ClientSampleId :

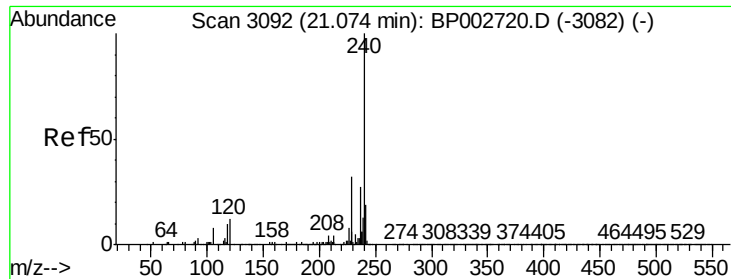
Tot Ion:198 Resp: 38
Ion Ratio Lower Upper
198 100
51 348.8 27.1 67.1#
105 186.0 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.490 ng
RT: 16.48 min Scan# 2311
Delta R.T. -0.15 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
268 56.3 50.6 75.8
264 62.5 48.6 72.8

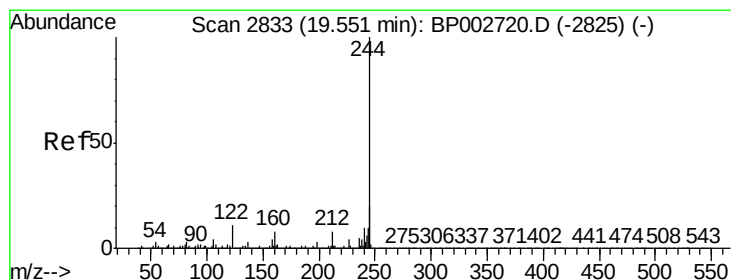
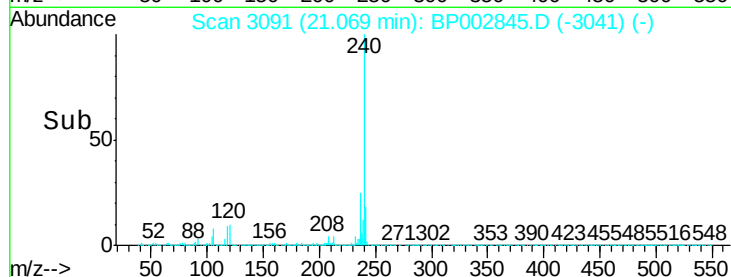
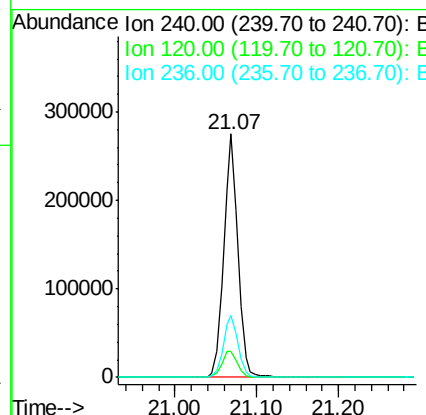
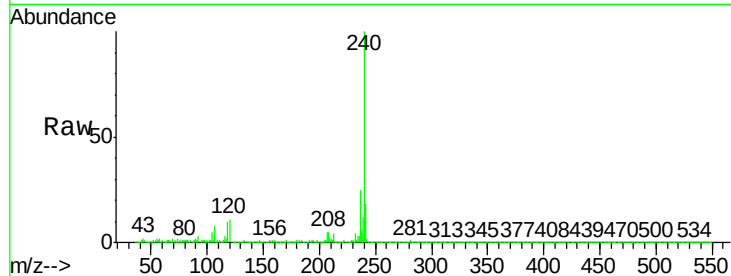




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002845.D
 Acq: 23 Jul 2020 17:53

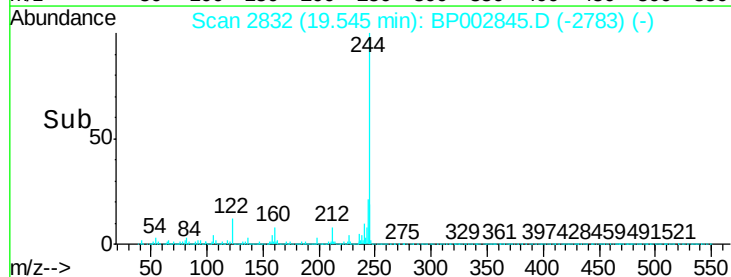
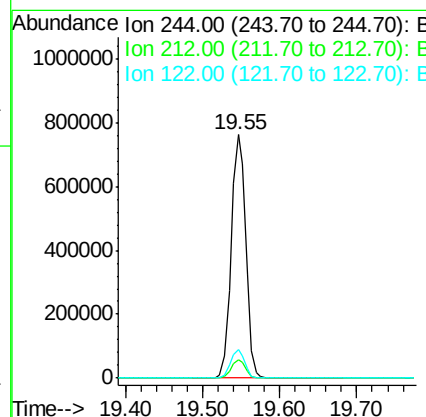
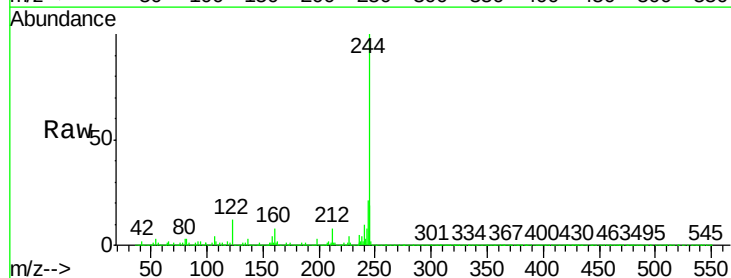
Instrument :
 BNA_P
 ClientSampleId :

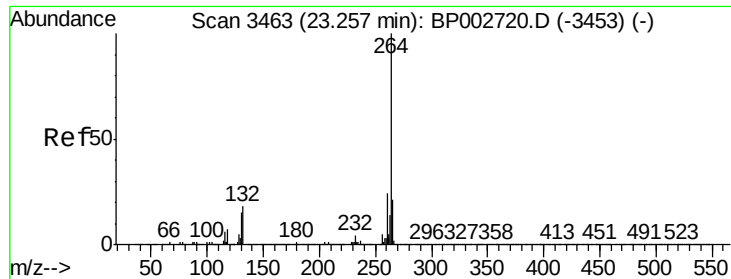
Tot Ion:240 Resp: 329969
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.4 14.2
 236 25.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 69.844 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002845.D
 Acq: 23 Jul 2020 17:53

Tgt Ion:244 Resp: 1005192
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.6 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.1	16.8	25.2

