

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 :
 359-GRID-A1-A3

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

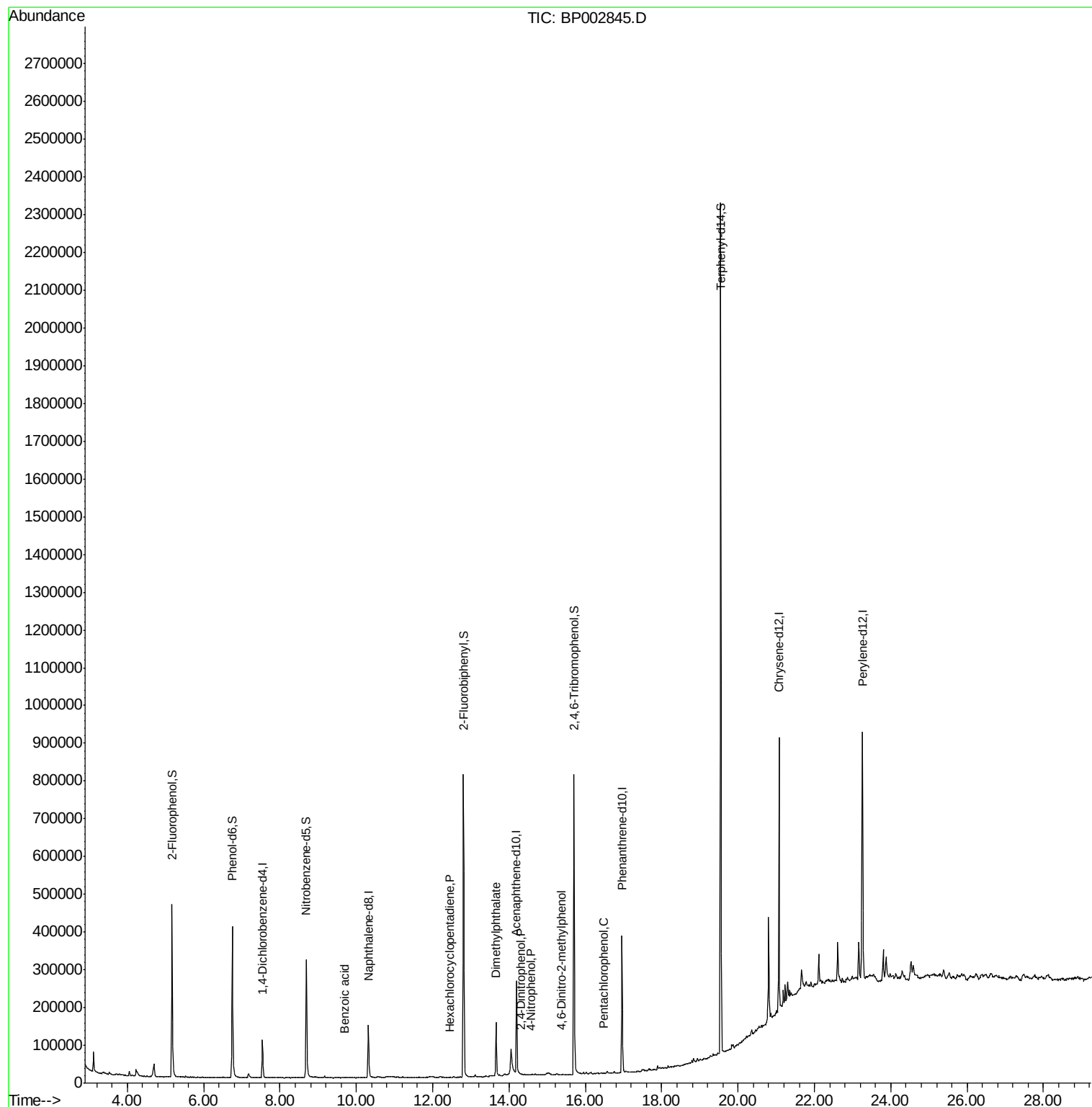
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	28721	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	120428	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	83317	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	213665	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	329969	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

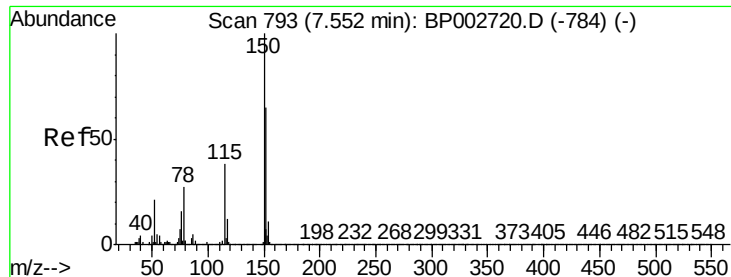
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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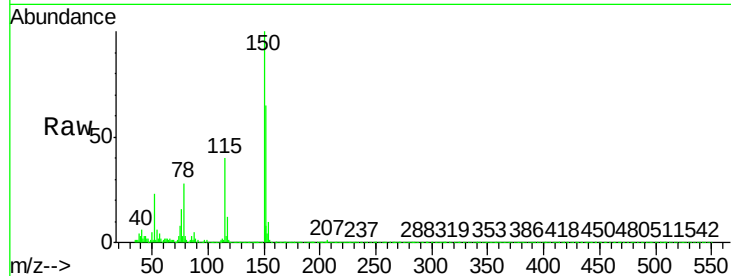


#1

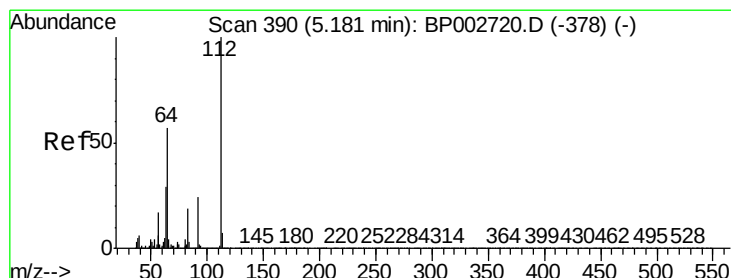
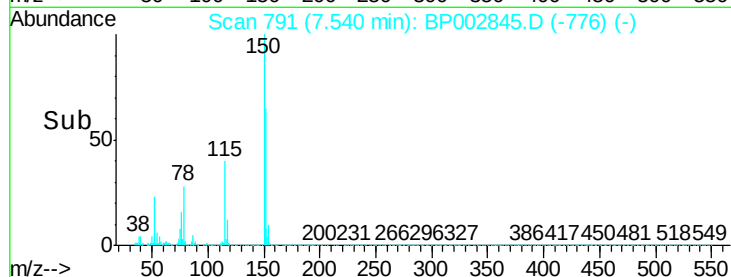
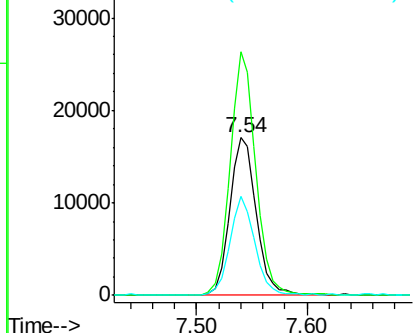
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Instrument :
BNA_P
ClientSampleId :
359-GRID-A1-A3

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



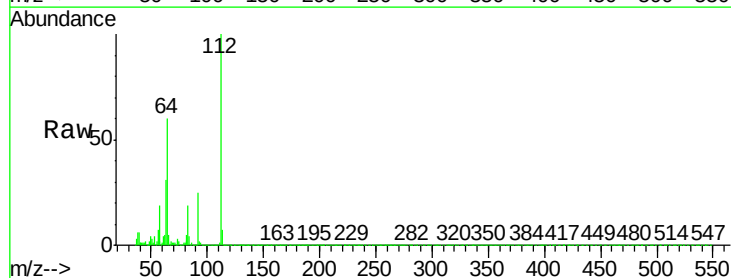
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



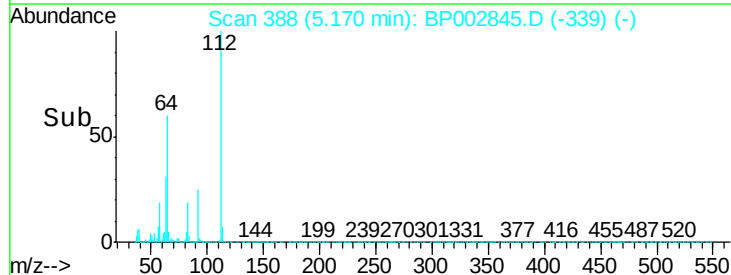
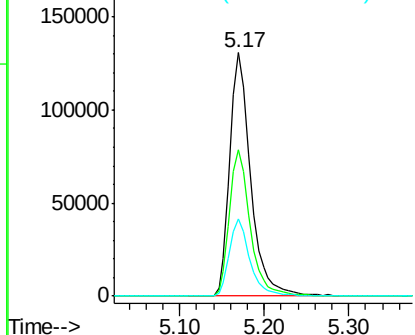
#5

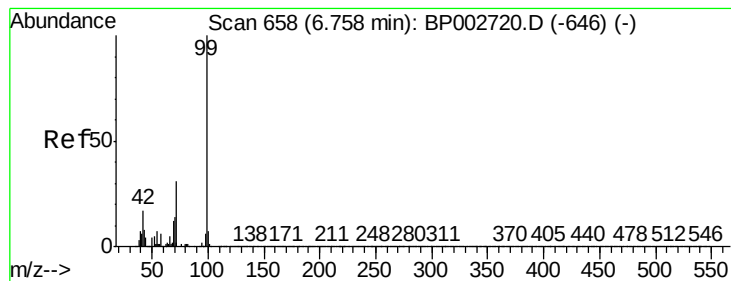
2-Fluorophenol
Concen: 130.506 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

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 :

359-GRID-A1-A3

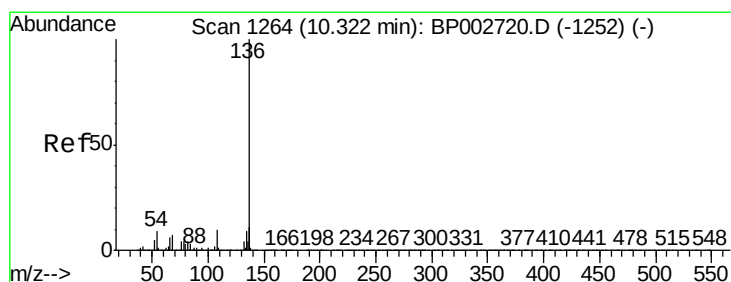
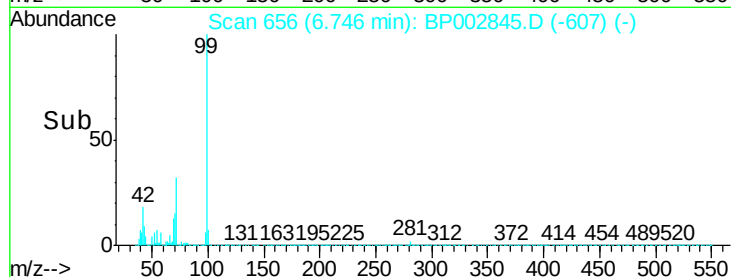
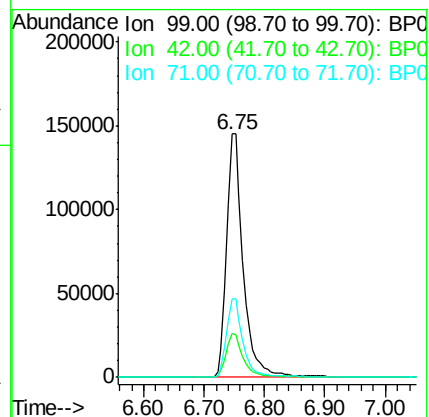
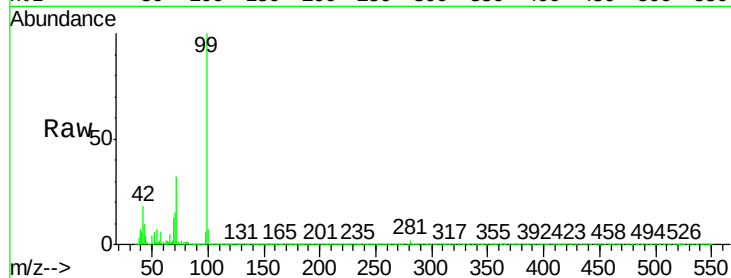
Tot Ion: 99 Resp: 277526

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

99 100

42 18.0 13.4 20.2

71 32.1 24.6 36.8



#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

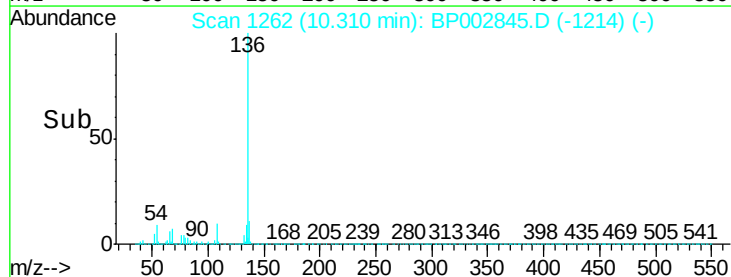
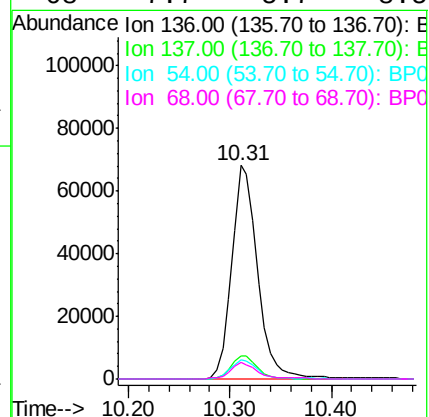
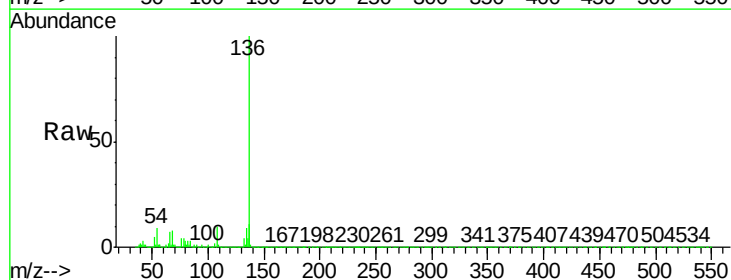
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	6.9	10.3
68	7.7	5.7	8.5

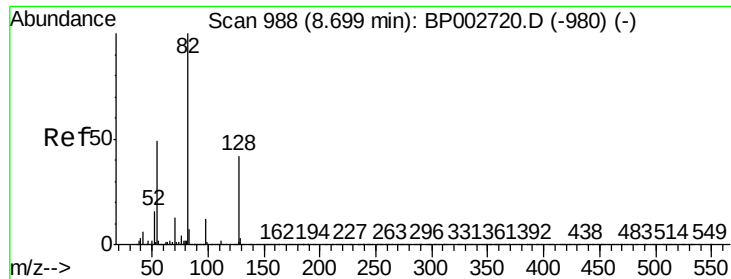
136 100

137 11.0 8.6 13.0

54 9.0 6.9 10.3

68 7.7 5.7 8.5

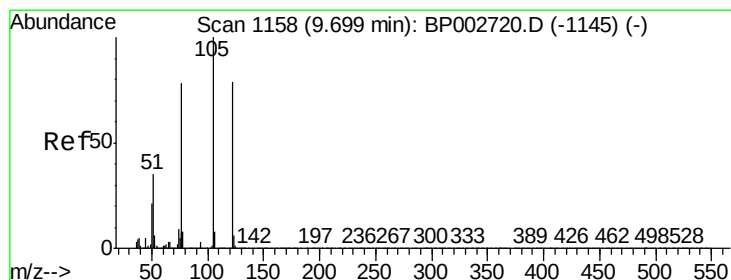
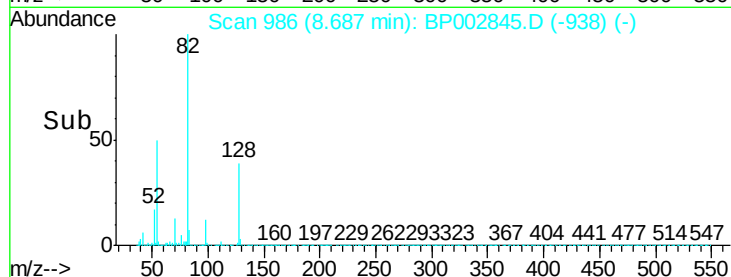
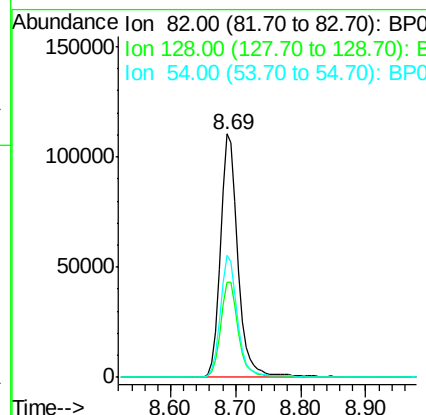
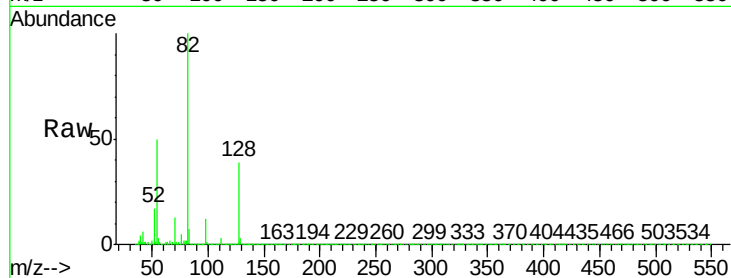




#23
Nitrobenzene-d5
Concen: 91.100 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

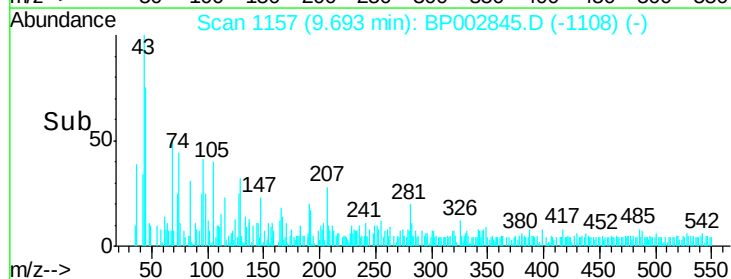
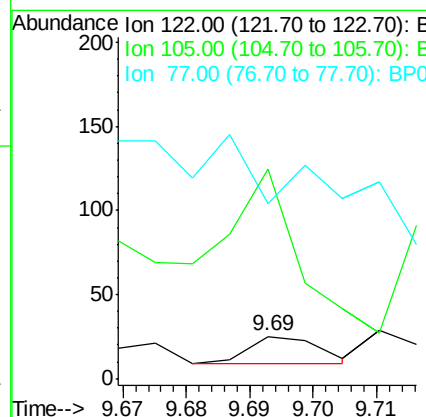
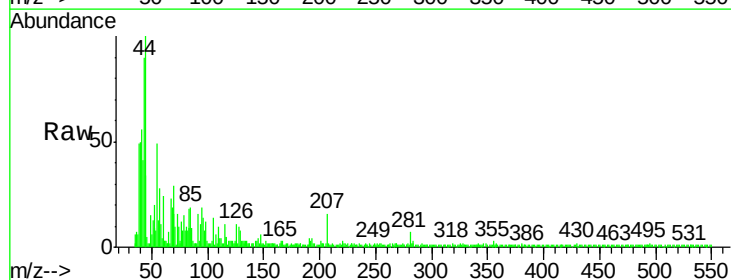
Instrument :
BNA_P
ClientSampleId :
359-GRID-A1-A3

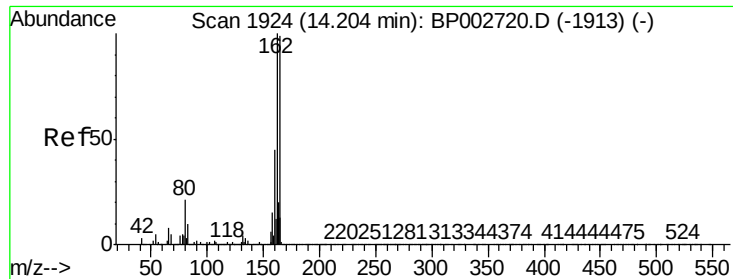
Tot Ion:	82	Resp:	205129
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.8	50.8
54	50.0	38.8	58.2



#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 :

359-GRID-A1-A3

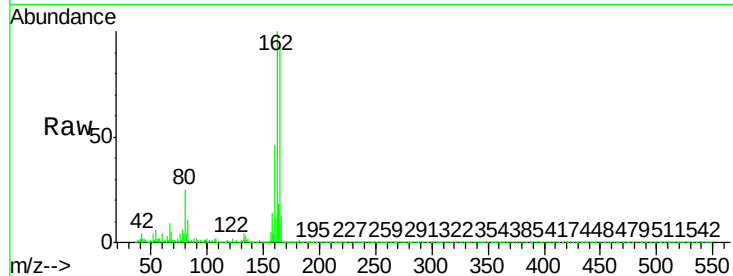
Tot Ion:164 Resp: 83317

Ion Ratio Lower Upper

164 100

162 106.3 80.6 121.0

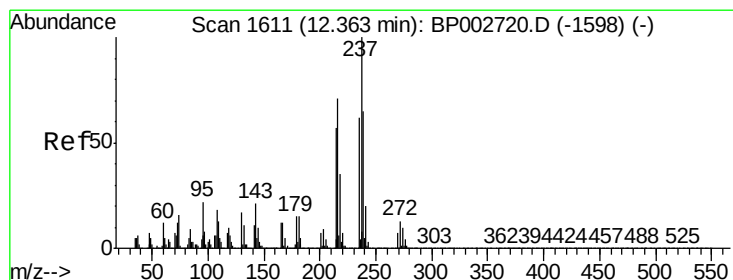
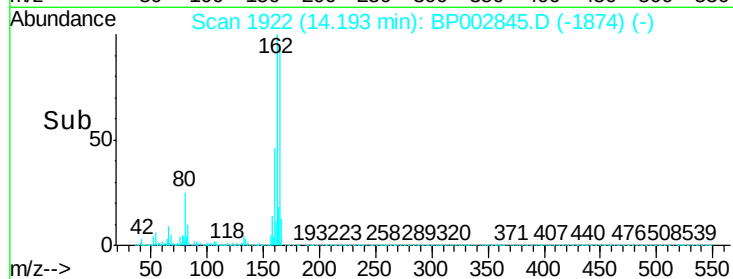
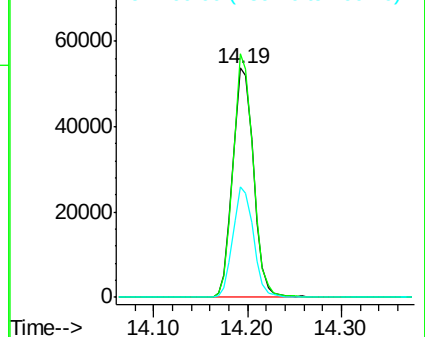
160 48.4 36.4 54.6



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: 7.462 ng

RT: 12.45 min Scan# 1625

Delta R.T. 0.08 min

Lab File: BP002845.D

Acq: 23 Jul 2020 17:53

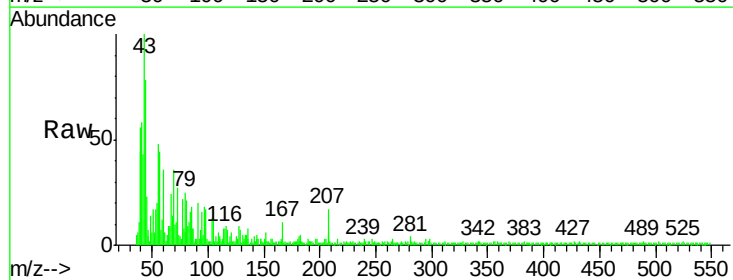
Tgt Ion:237 Resp: 35

Ion Ratio Lower Upper

237 100

235 68.0 42.3 82.3

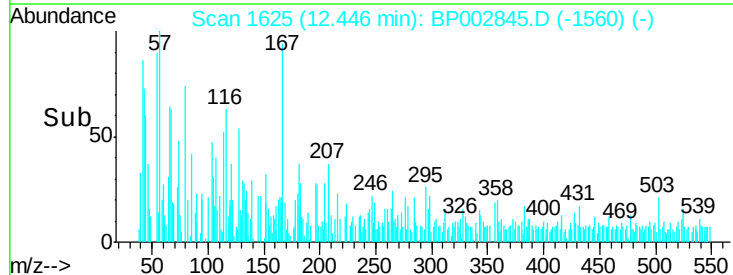
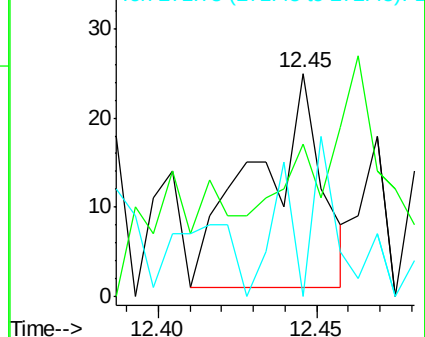
272 0.0 0.0 32.5

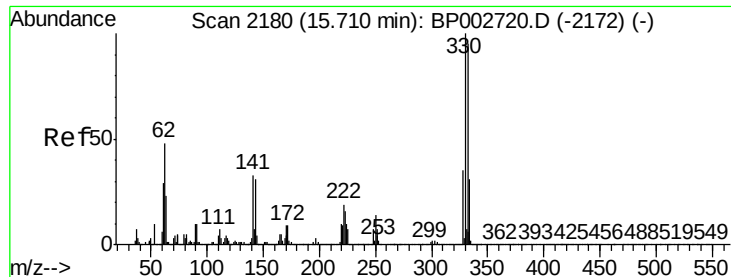


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

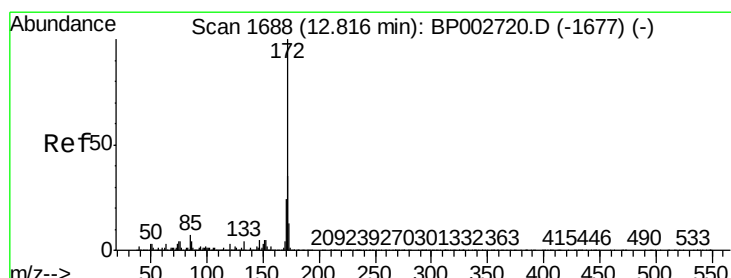
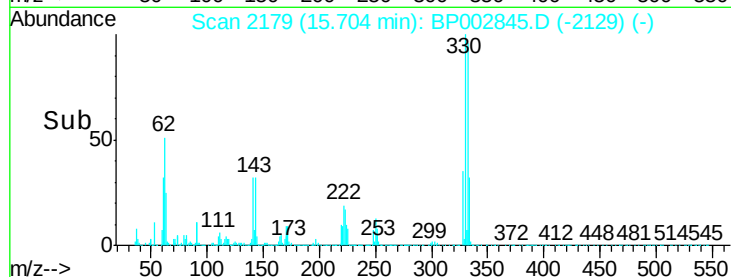
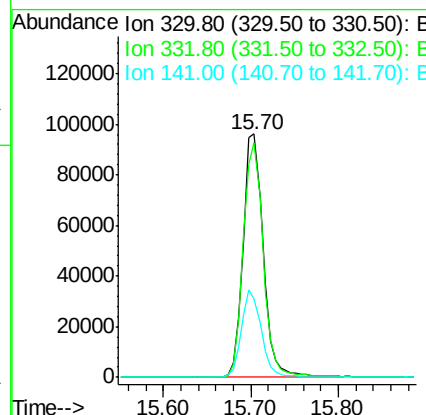
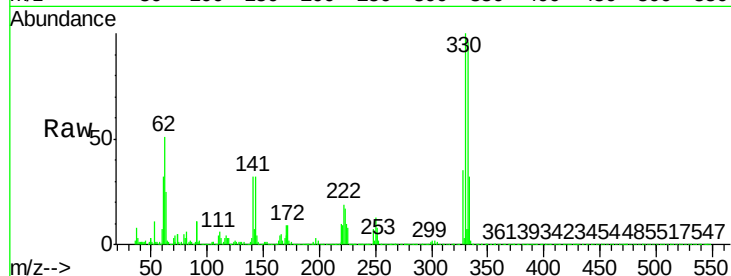




#42
 2,4,6-Tribromophenol
 Concen: 170.556 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002845.D
 Acq: 23 Jul 2020 17:53

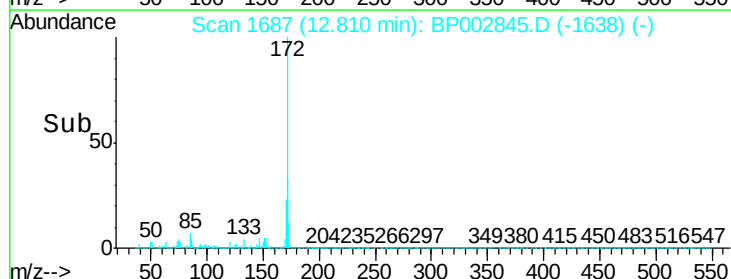
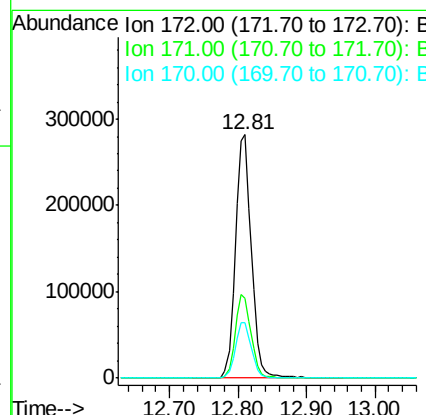
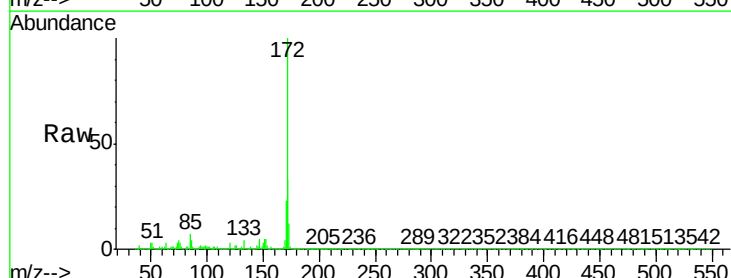
Instrument :
 BNA_P
 ClientSampleId :
 359-GRID-A1-A3

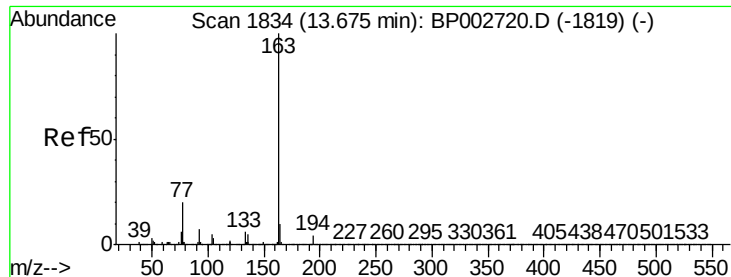
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	35.6	28.8	43.2



#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





#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 :

359-GRID-A1-A3

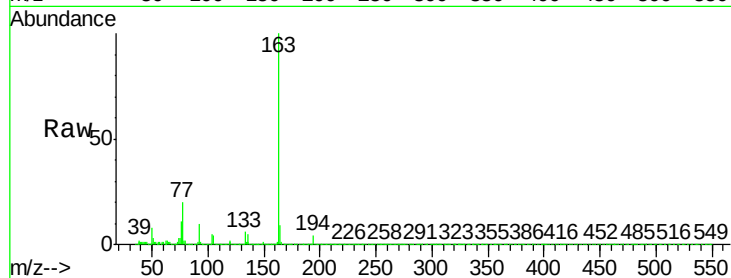
Tot Ion:163 Resp: 99847

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

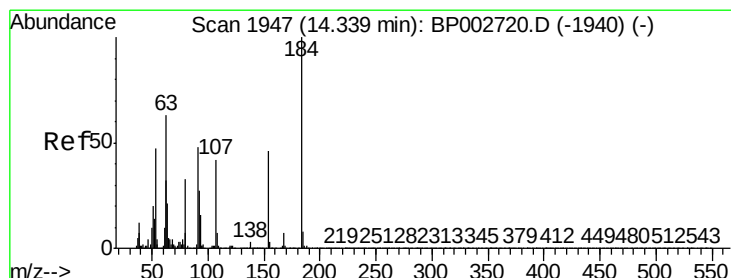
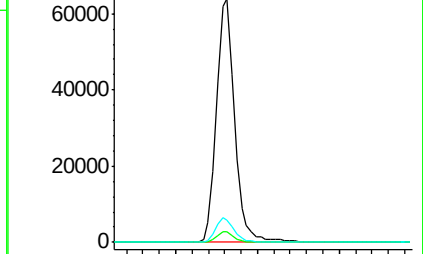
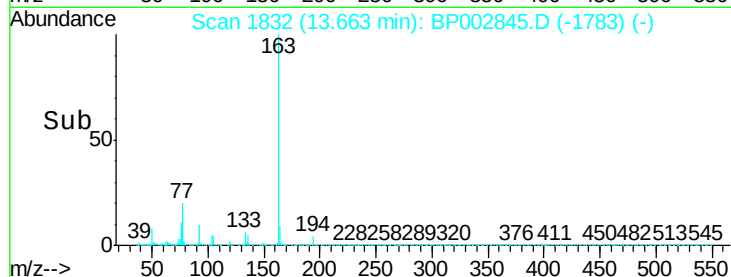
164 9.4 7.8 11.8



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

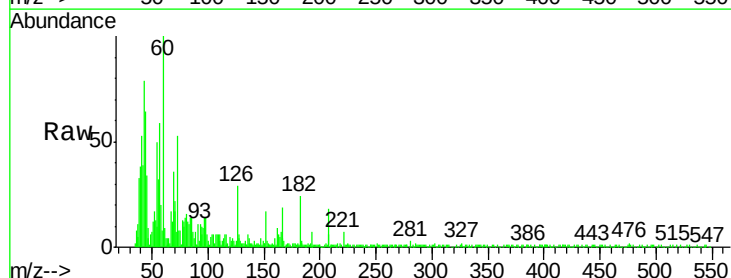
Tgt Ion:184 Resp: 14

Ion Ratio Lower Upper

184 100

63 225.9 51.6 77.4#

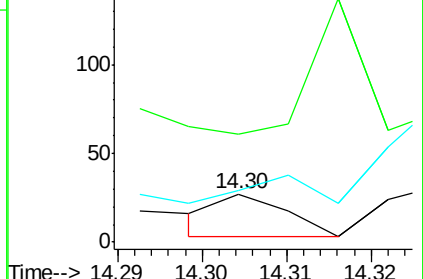
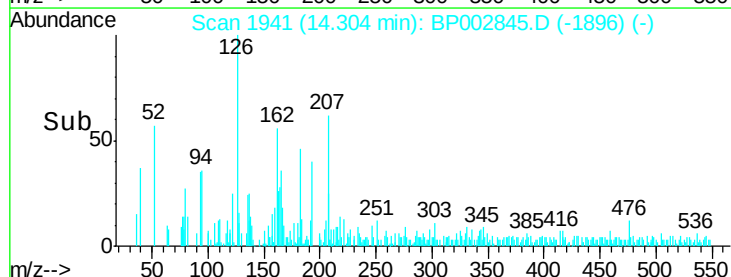
154 166.7 45.0 67.6#

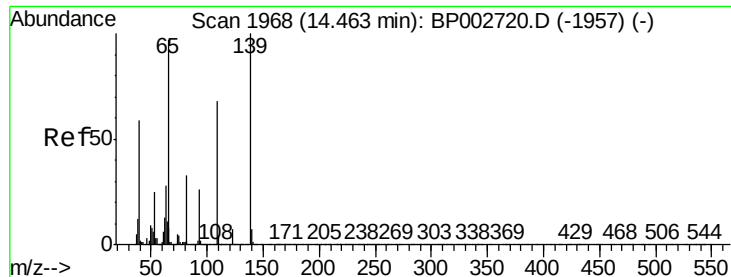


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

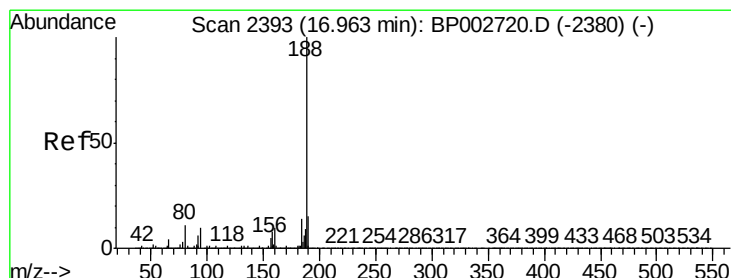
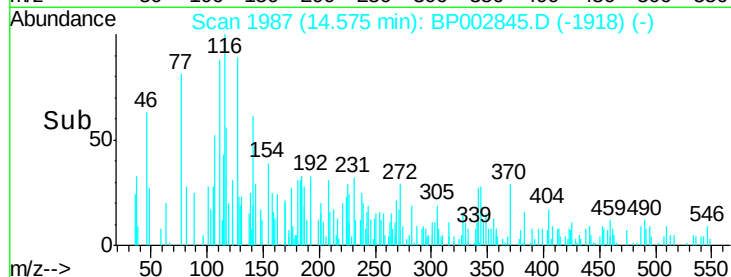
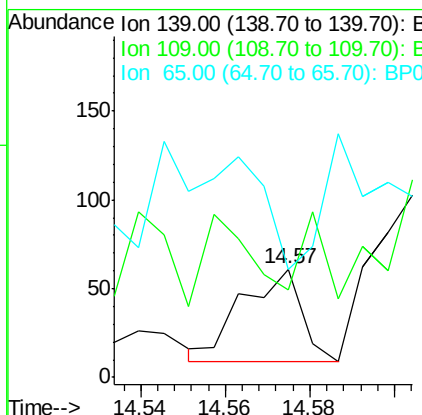
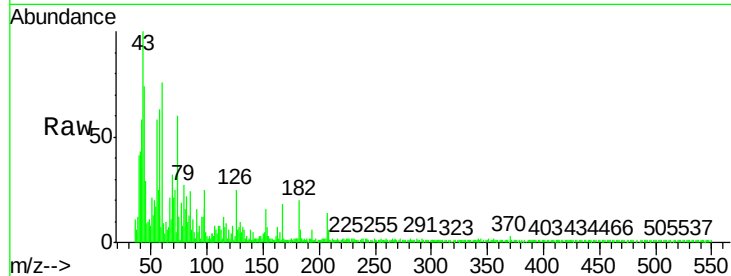




#56
4-Nitrophenol
Concen: 5.011 ng
RT: 14.57 min Scan# 1987
Delta R.T. 0.11 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

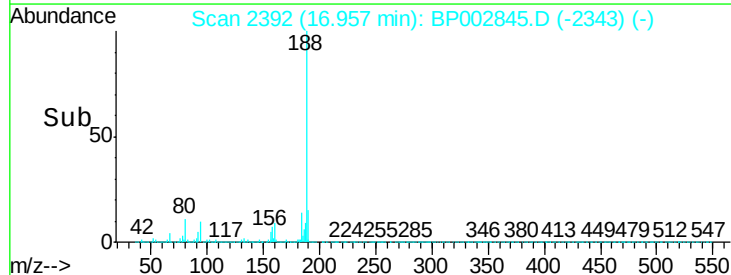
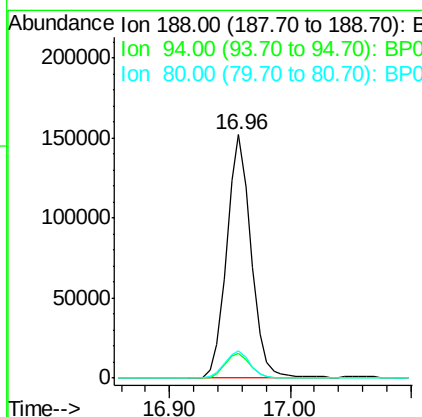
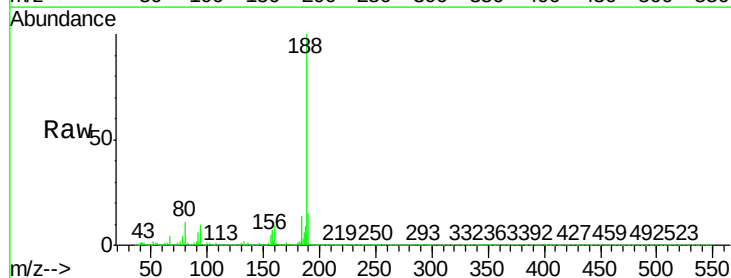
Instrument :
BNA_P
ClientSampleId :
359-GRID-A1-A3

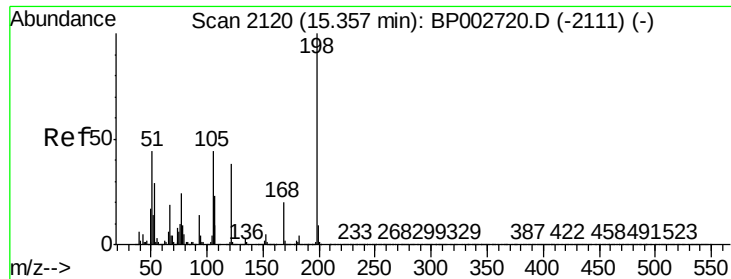
Tot Ion:139 Resp: 51
Ion Ratio Lower Upper
139 100
109 73.1 48.1 88.1
65 91.0 77.9 117.9



#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

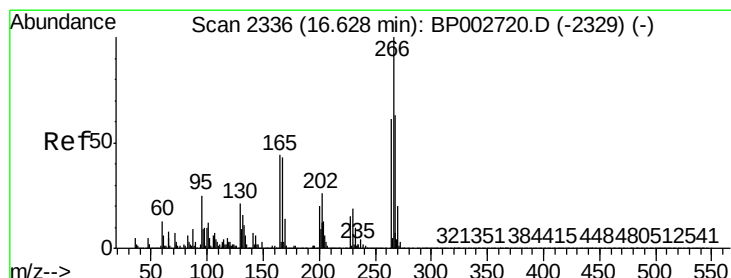
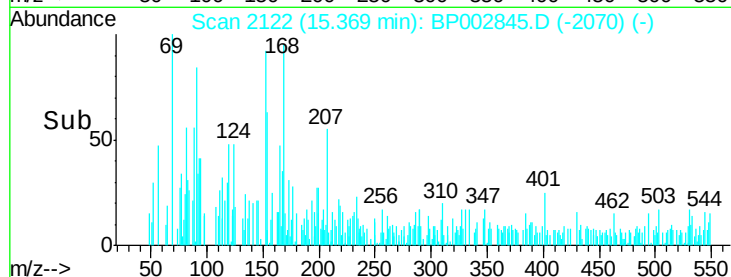
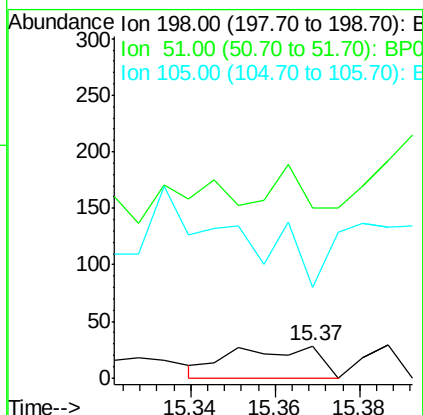
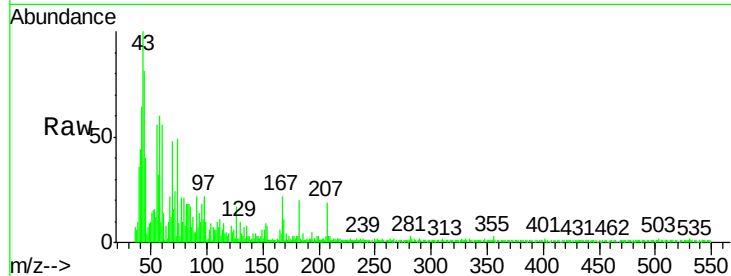




#65
4,6-Dinitro-2-methylphenol
Concen: 5.293 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

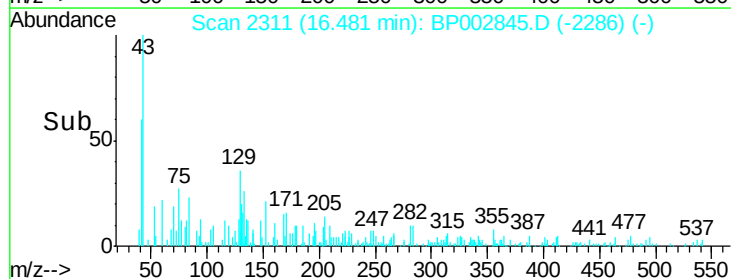
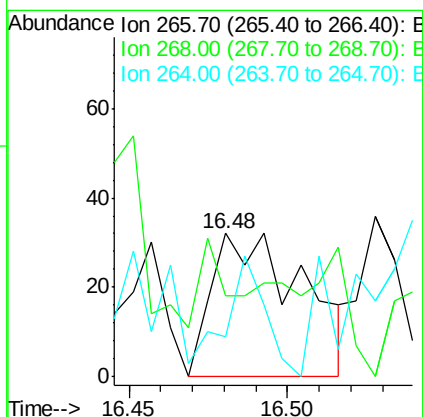
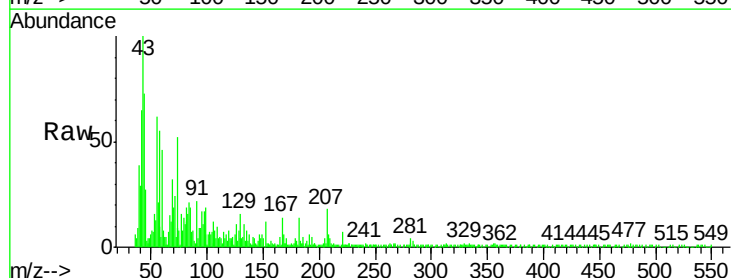
Instrument :
BNA_P
ClientSampleId :
359-GRID-A1-A3

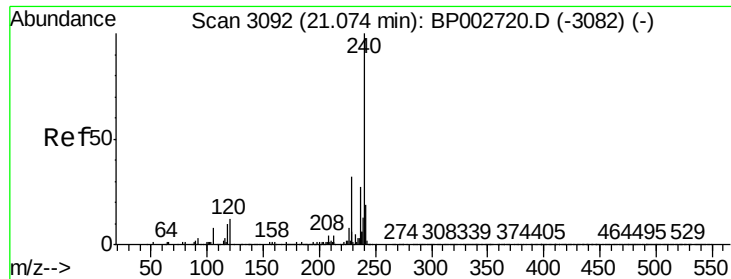
Tot Ion:198 Resp: 38
Ion Ratio Lower Upper
198 100
51 348.8 27.1 67.1#
105 186.0 24.9 64.9#



#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

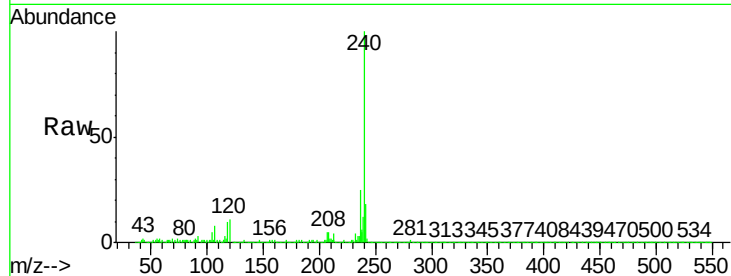




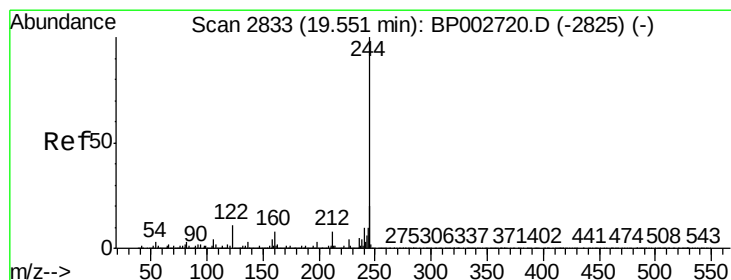
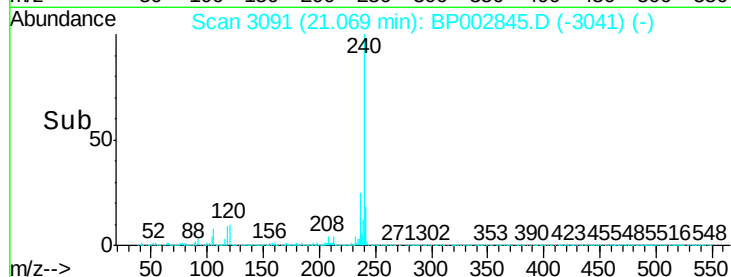
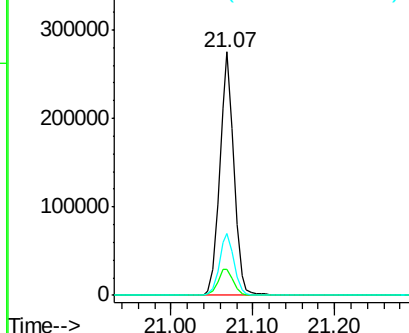
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

Instrument :
BNA_P
ClientSampleId :
359-GRID-A1-A3

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

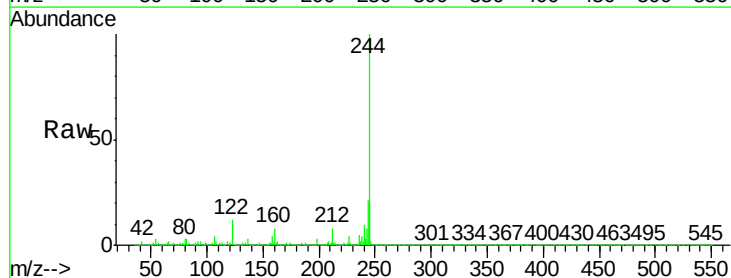


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

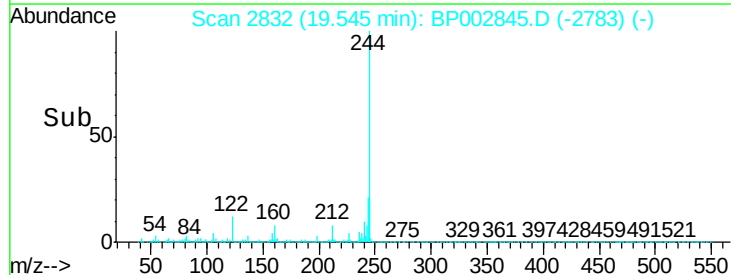
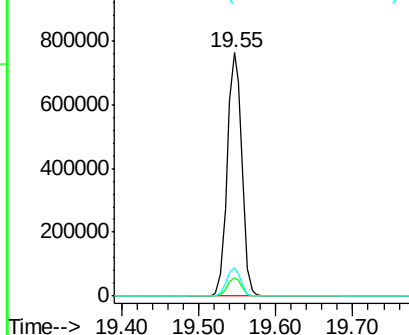


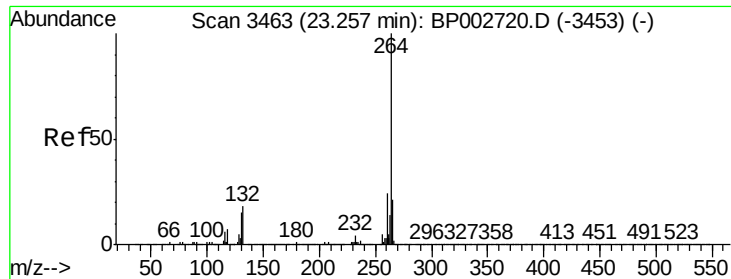
#79
Terphenyl-d14
Concen: 69.844 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002845.D
Acq: 23 Jul 2020 17:53

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



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#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 :
359-GRID-A1-A3

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

