

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002843.D
 Acq On : 23 Jul 2020 16:45
 Operator : CG/JU
 Sample : L3381-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 347-GRID-B1-B2

Quant Time: Jul 23 18:00:30 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

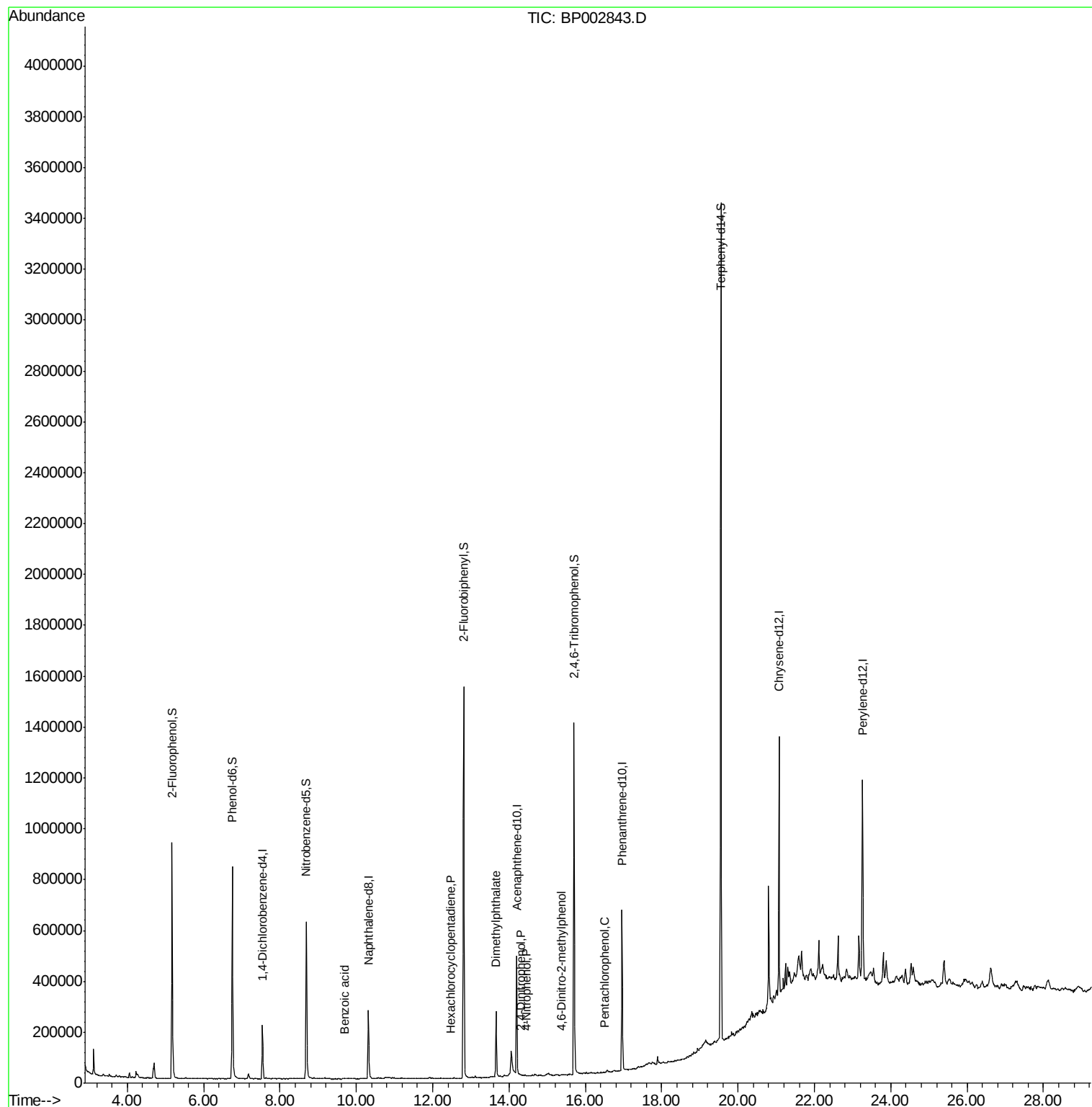
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	56949	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	237667	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	158110	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	368974	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	463572	20.00	ng	0.00
86) Perylene-d12	23.26	264	549368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	437209	129.53	ng	-0.01
7) Phenol-d6	6.75	99	540576	112.22	ng	0.00
23) Nitrobenzene-d5	8.69	82	393508	88.55	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	258260	156.48	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	862007	84.34	ng	-0.01
79) Terphenyl-d14	19.55	244	1443415	71.39	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	29	7.072	ng	# 1
41) Hexachlorocyclopentadiene	12.47	237	27	7.446	ng	81
50) Dimethylphthalate	13.66	163	176856	14.667	ng	99
54) 2,4-Dinitrophenol	14.31	184	17	11.384	ng	# 1
56) 4-Nitrophenol	14.46	139	104	5.014	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	36	5.281	ng	# 1
70) Pentachlorophenol	16.50	266	96	7.484	ng	94

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

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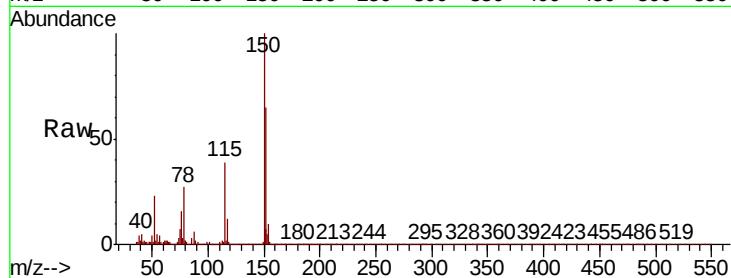


#1

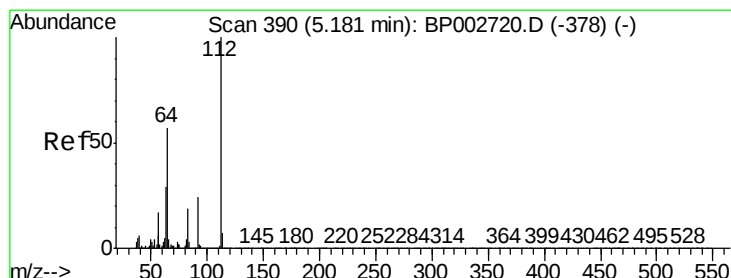
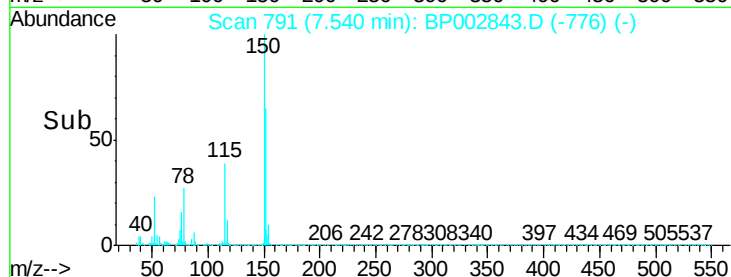
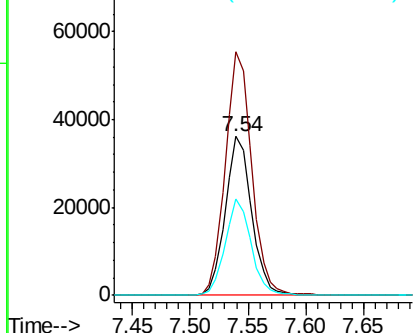
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Instrument :
BNA_P
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.7	185.5
115	60.3	47.2	70.8



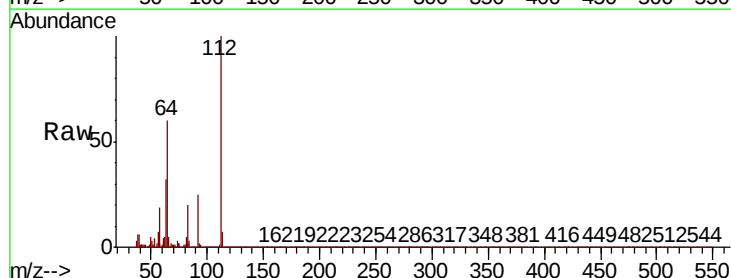
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



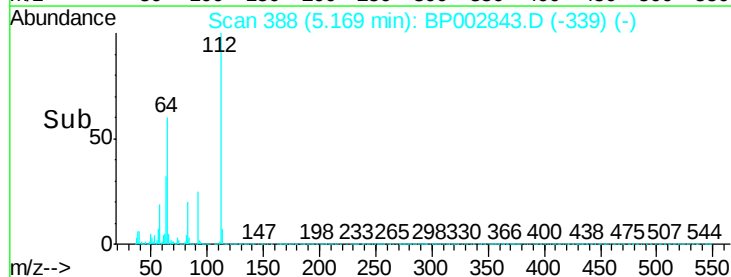
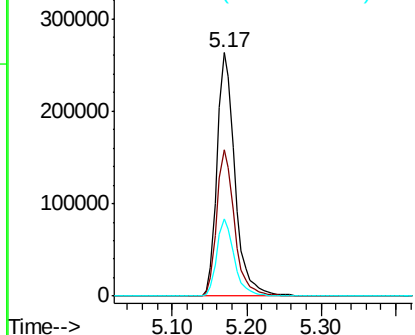
#5

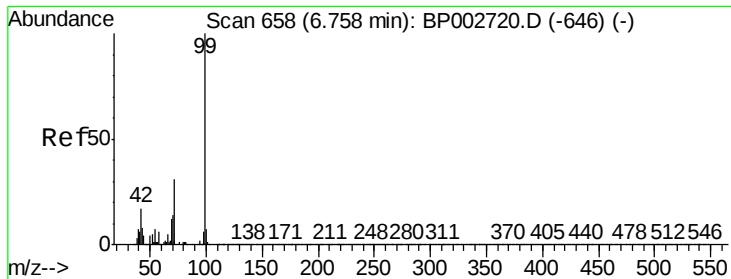
2-Fluorophenol
Concen: 129.529 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	45.6	68.4
63	31.6	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: 112.217 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

Instrument :

BNA_P

ClientSampleId :

347-GRID-B1-B2

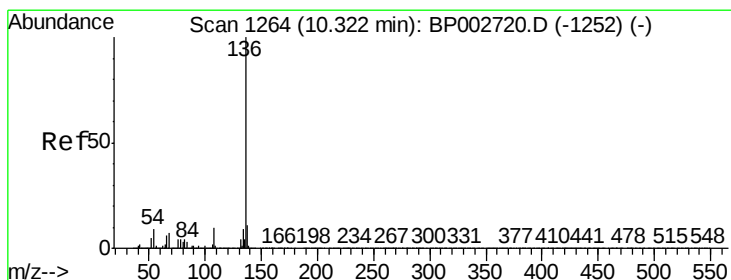
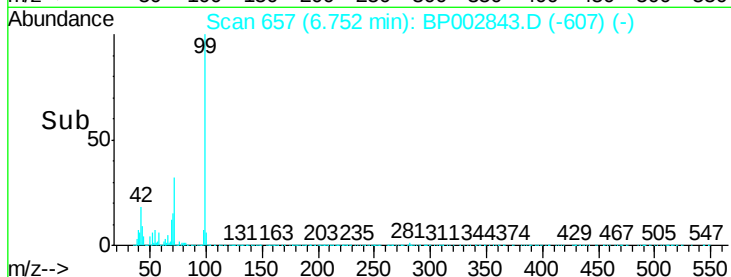
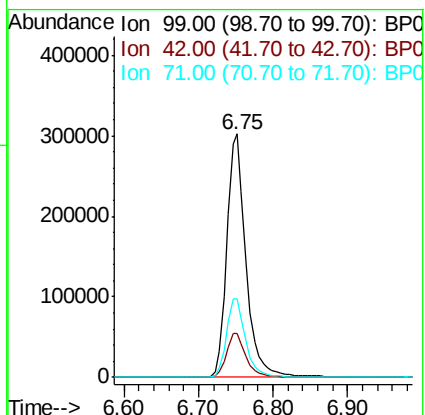
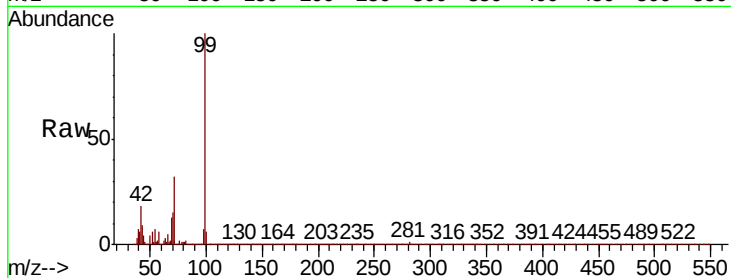
Tot Ion: 99 Resp: 540576

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.2

71 32.4 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

Tgt Ion: 136 Resp: 237667

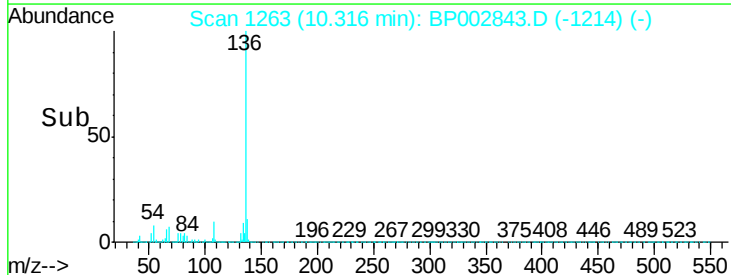
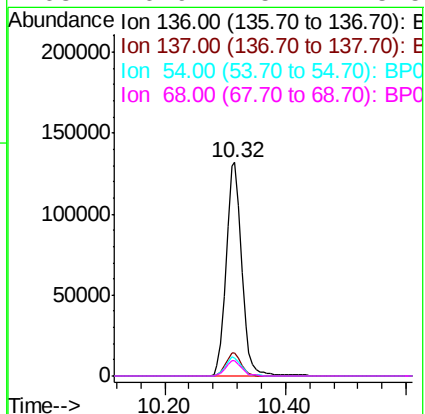
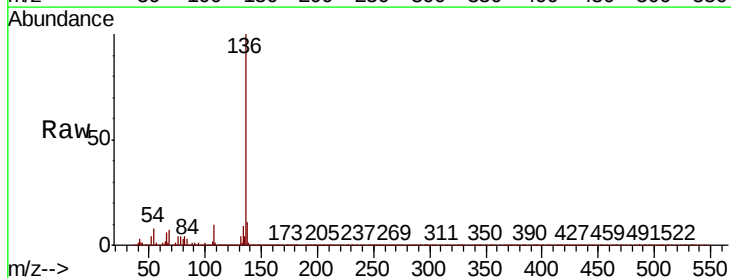
Ion Ratio Lower Upper

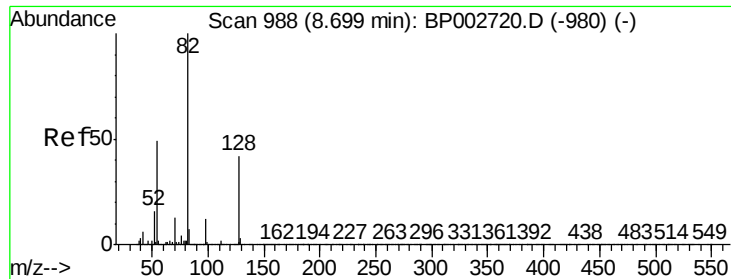
136 100

137 10.6 8.6 13.0

54 8.4 6.9 10.3

68 6.9 5.7 8.5

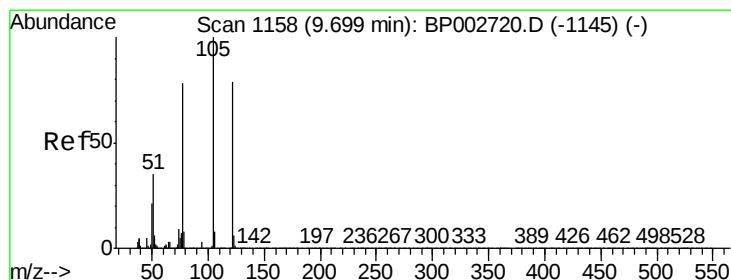
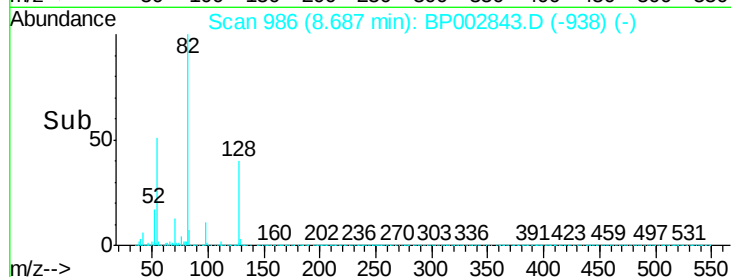
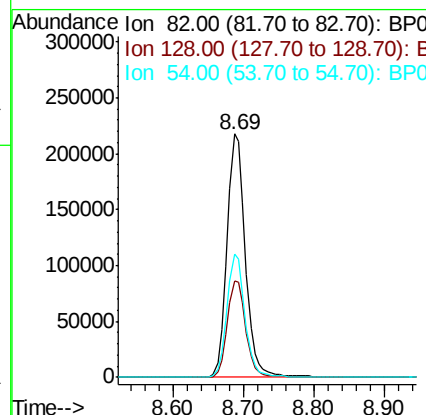
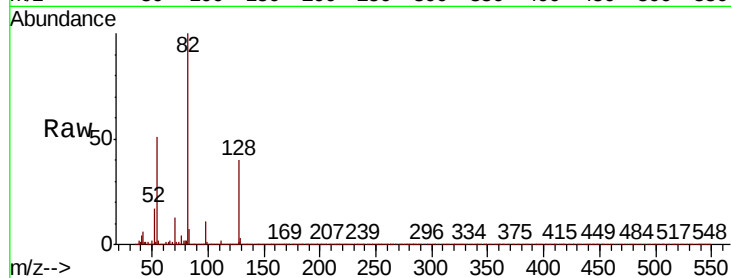




#23
 Nitrobenzene-d5
 Concen: 88.553 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BP002843.D
 Acq: 23 Jul 2020 16:45

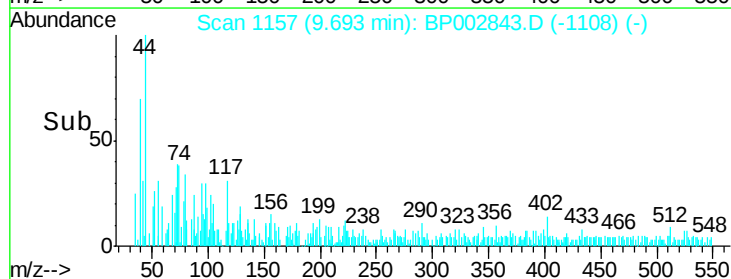
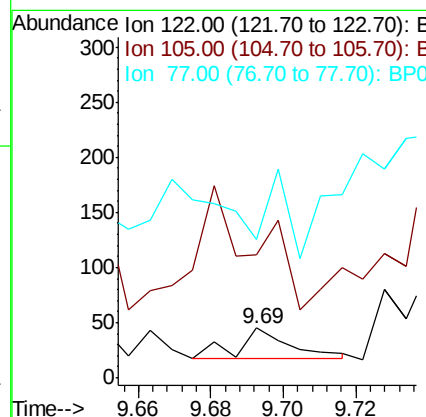
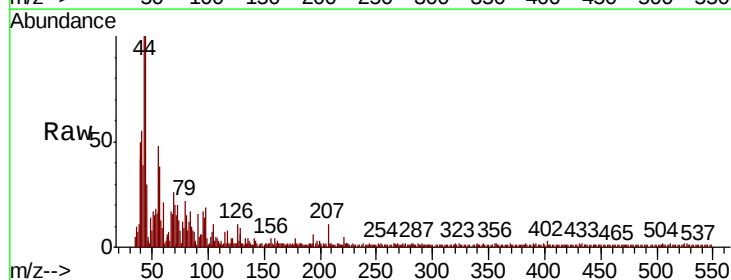
Instrument :
 BNA_P
 ClientSampleId :
 347-GRID-B1-B2

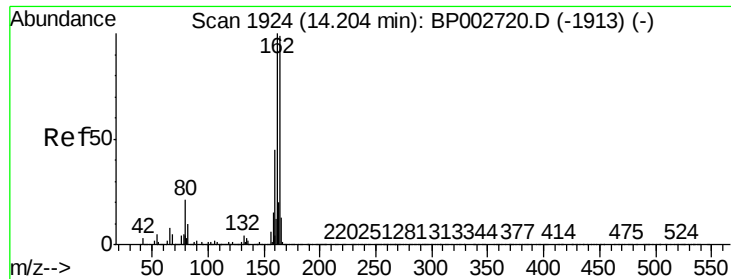
Tot Ion:	82	Resp:	393508
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.8	50.8
54	50.5	38.8	58.2



#32
 Benzoic acid
 Concen: 7.072 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BP002843.D
 Acq: 23 Jul 2020 16:45

Tgt Ion:	122	Resp:	29
Ion	Ratio	Lower	Upper
122	100		
105	246.7	105.4	145.4#
77	277.8	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

Instrument :

BNA_P

ClientSampleId :

347-GRID-B1-B2

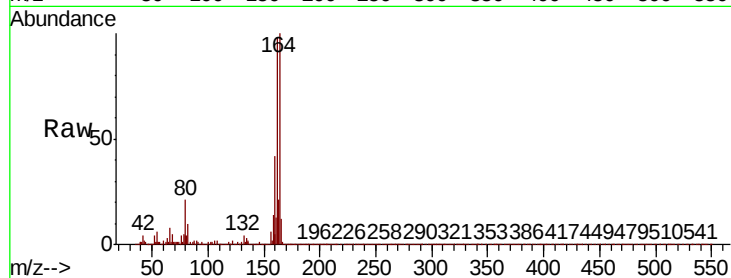
Tot Ion:164 Resp: 158110

Ion Ratio Lower Upper

164 100

162 97.9 80.6 121.0

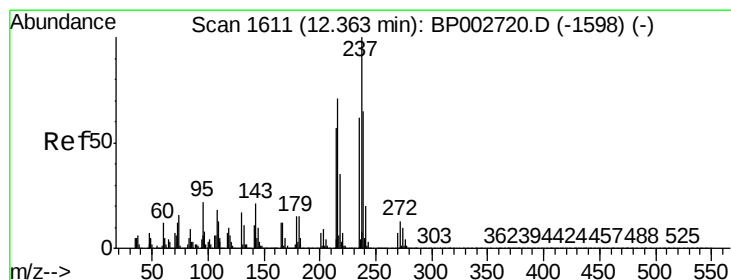
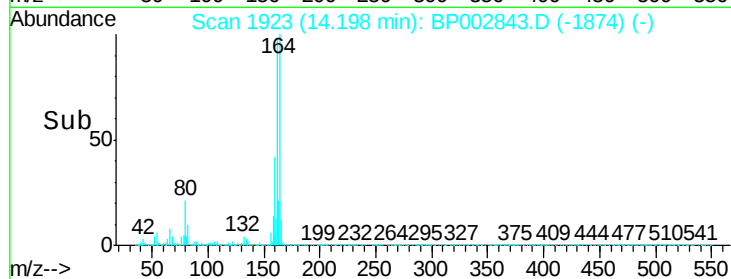
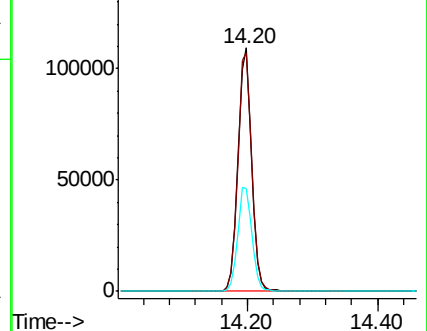
160 42.1 36.4 54.6



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: 7.446 ng

RT: 12.47 min Scan# 1630

Delta R.T. 0.11 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

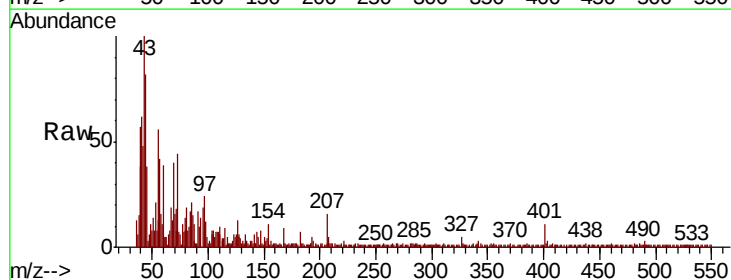
Tgt Ion:237 Resp: 27

Ion Ratio Lower Upper

237 100

235 50.0 42.3 82.3

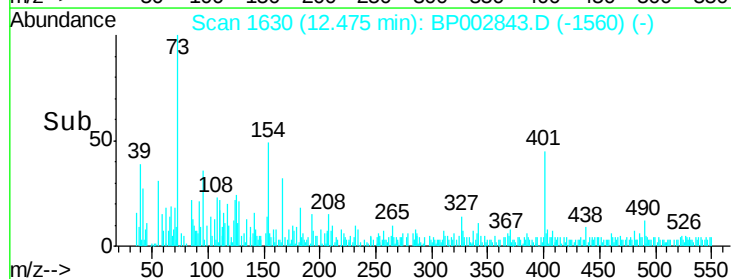
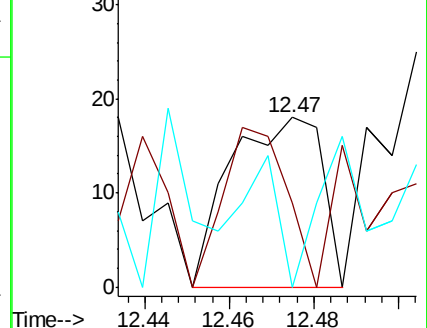
272 0.0 0.0 32.5

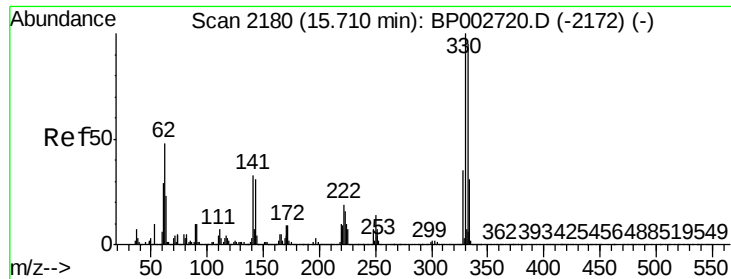


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

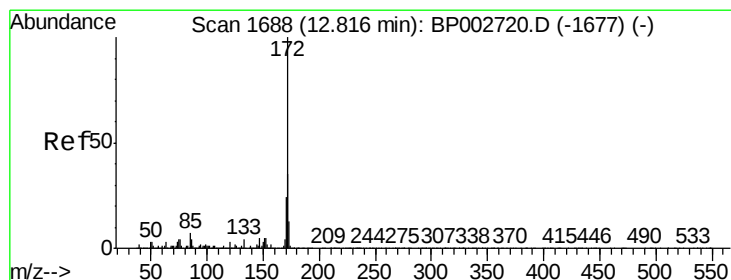
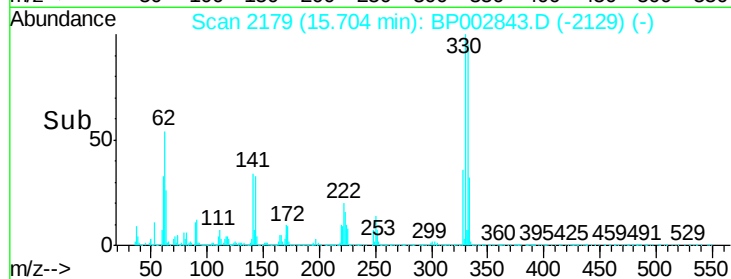
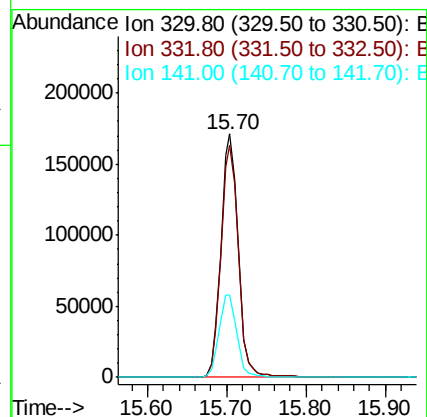
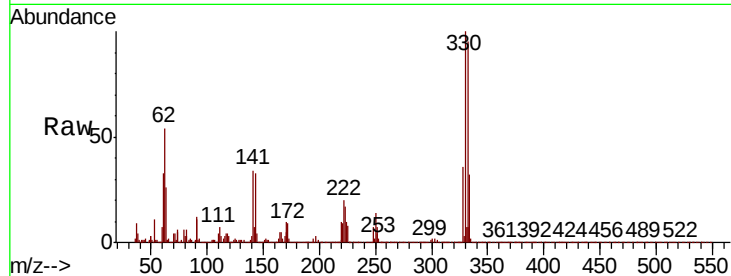




#42
 2,4,6-Tribromophenol
 Concen: 156.482 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002843.D
 Acq: 23 Jul 2020 16:45

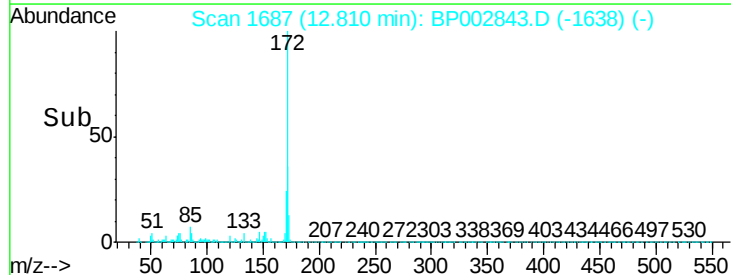
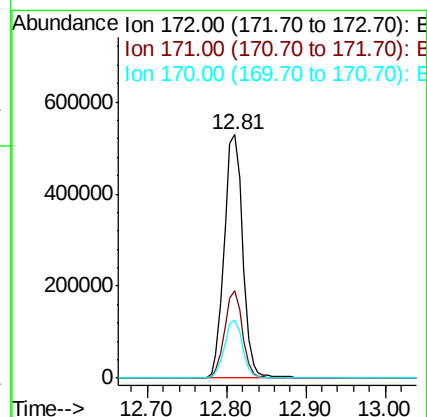
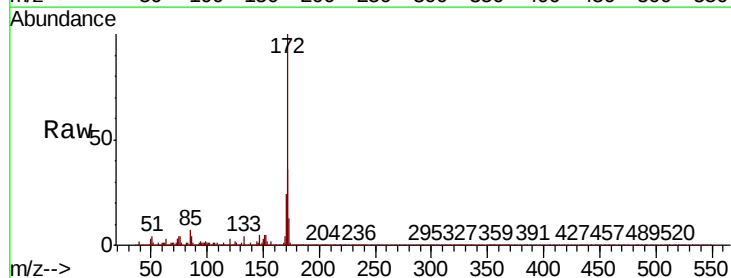
Instrument :
 BNA_P
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 347-GRID-B1-B2

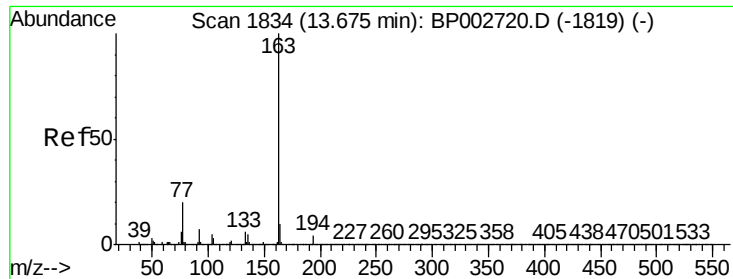
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	34.9	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 84.340 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002843.D
 Acq: 23 Jul 2020 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.1	42.1
170	23.6	19.3	28.9





#50

Dimethylphthalate

Concen: 14.667 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

Instrument :

BNA_P

ClientSampleId :

347-GRID-B1-B2

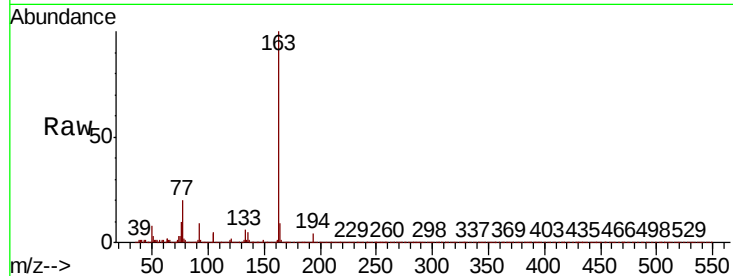
Tot Ion:163 Resp: 176856

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

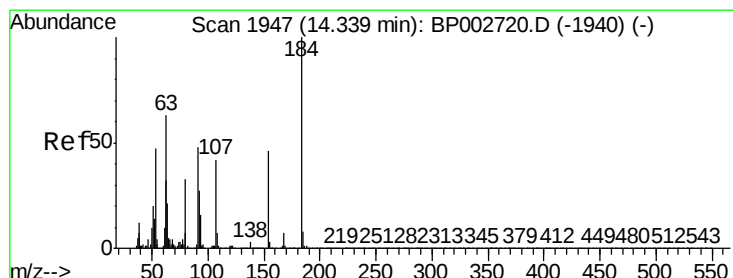
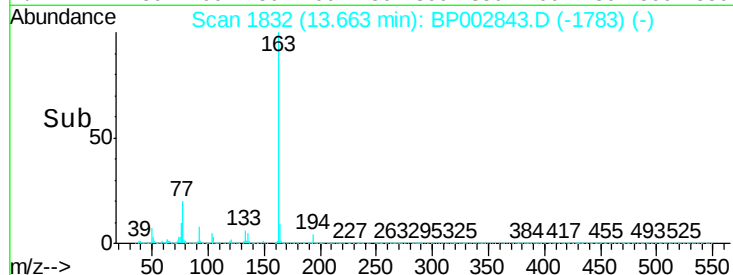
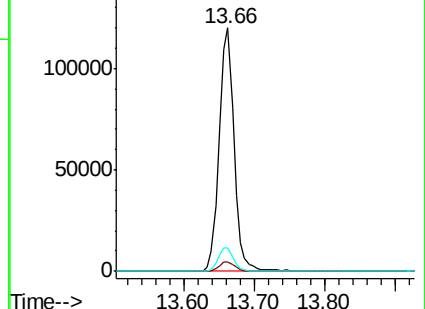
164 9.5 7.8 11.8



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: 11.384 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.03 min

Lab File: BP002843.D

Acq: 23 Jul 2020 16:45

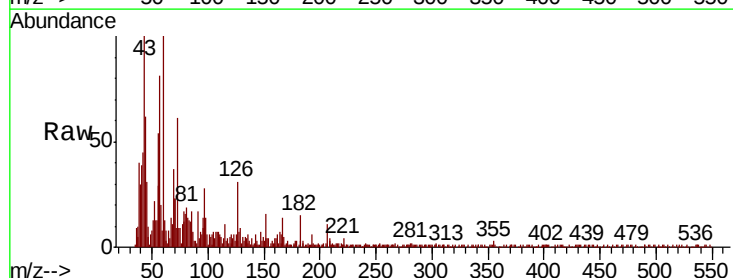
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 437.5 51.6 77.4#

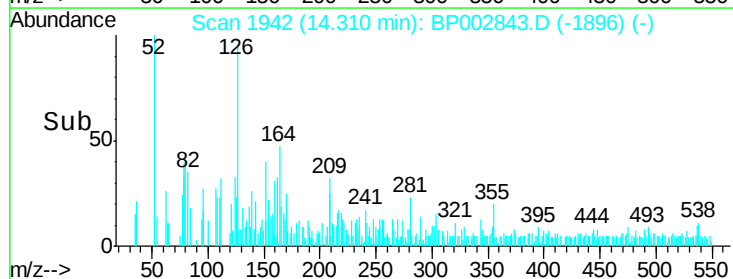
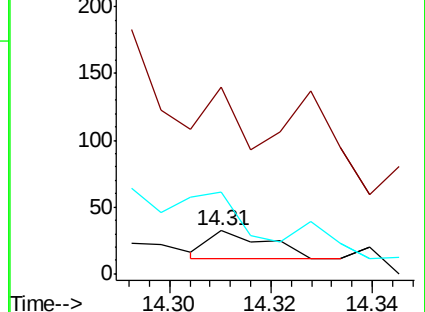
154 190.6 45.0 67.6#

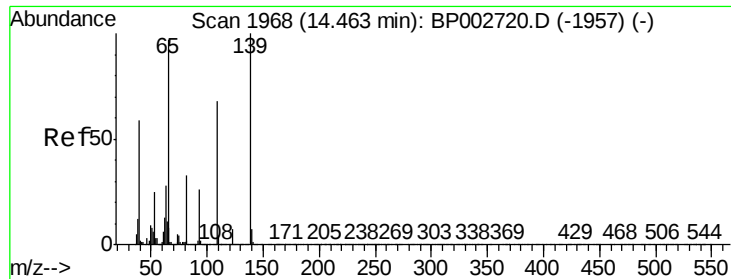


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

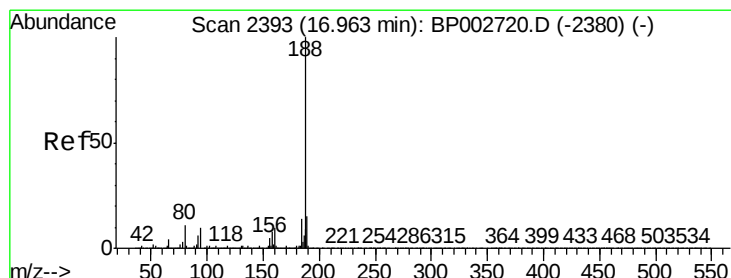
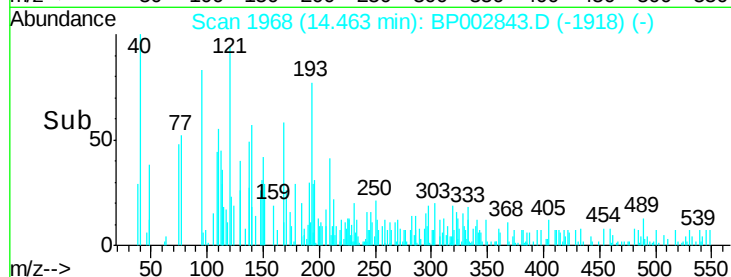
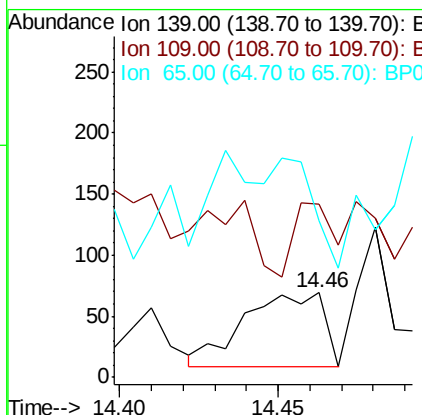
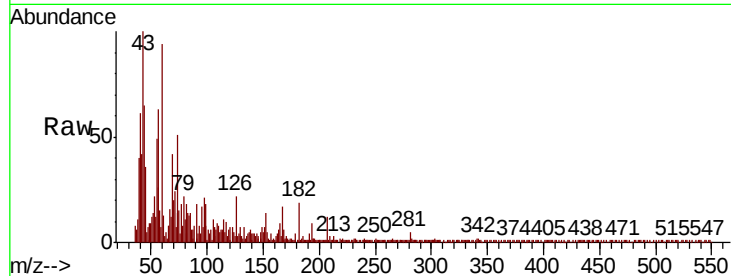




#56
4-Nitrophenol
Concen: 5.014 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

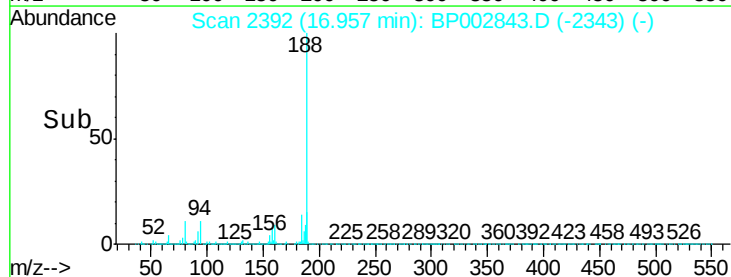
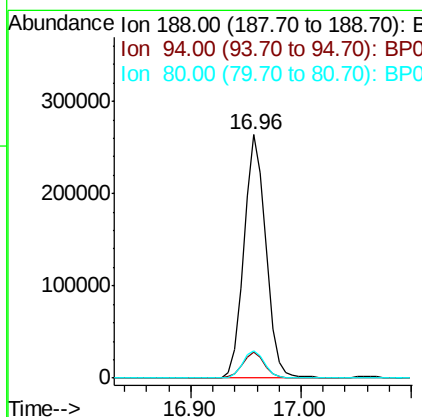
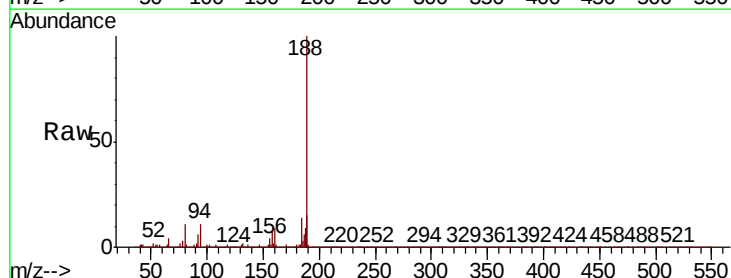
Instrument :
BNA_P
ClientSampleId :
347-GRID-B1-B2

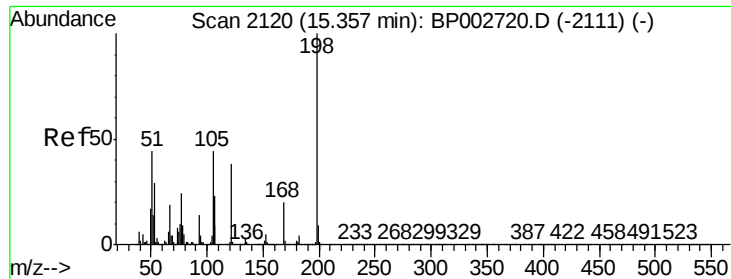
Tot Ion:139 Resp: 104
Ion Ratio Lower Upper
139 100
109 205.8 48.1 88.1#
65 185.5 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Tgt Ion:188 Resp: 368974
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.4 8.9 13.3

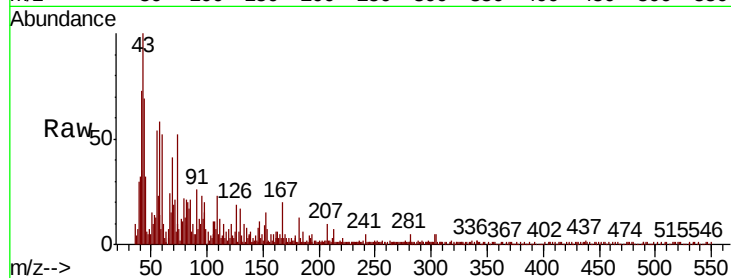




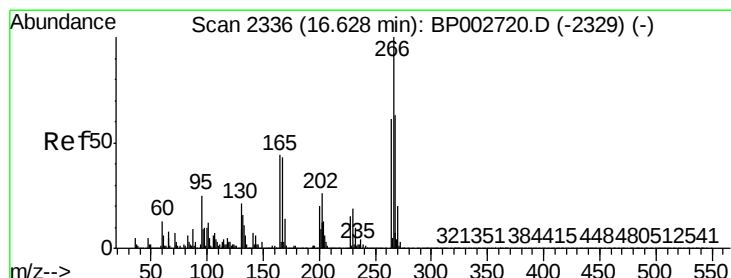
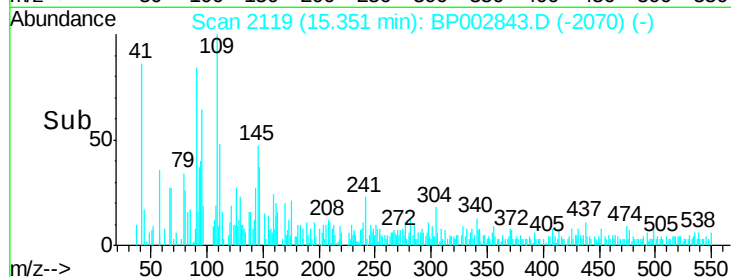
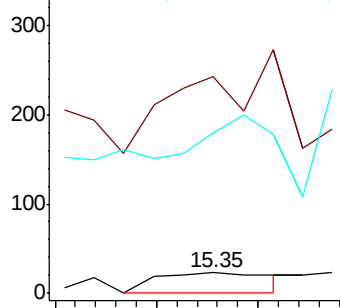
#65
4,6-Dinitro-2-methylphenol
Concen: 5.281 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Instrument :
BNA_P
ClientSampleId :
347-GRID-B1-B2

Tot Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 1052.2 27.1 67.1#
105 778.3 24.9 64.9#

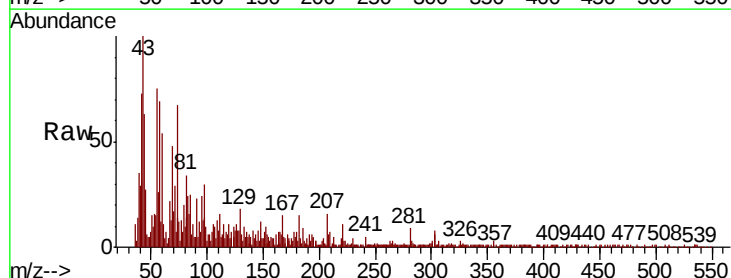


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

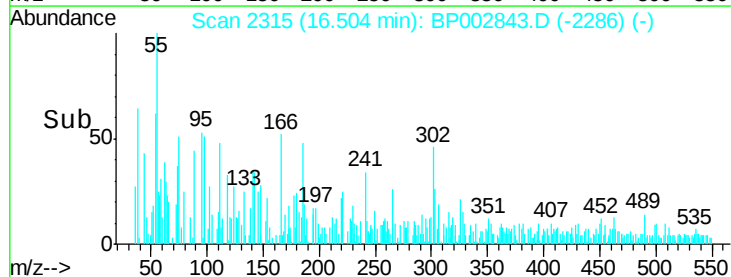
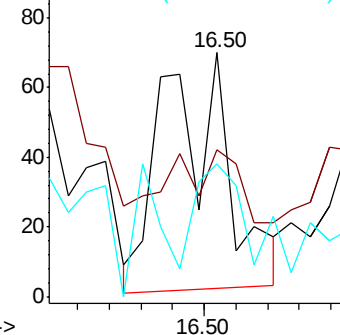


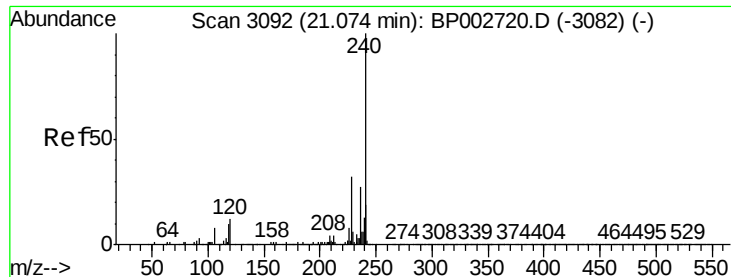
#70
Pentachlorophenol
Concen: 7.484 ng
RT: 16.50 min Scan# 2315
Delta R.T. -0.13 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Tgt Ion:266 Resp: 96
Ion Ratio Lower Upper
266 100
268 60.0 50.6 75.8
264 54.3 48.6 72.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

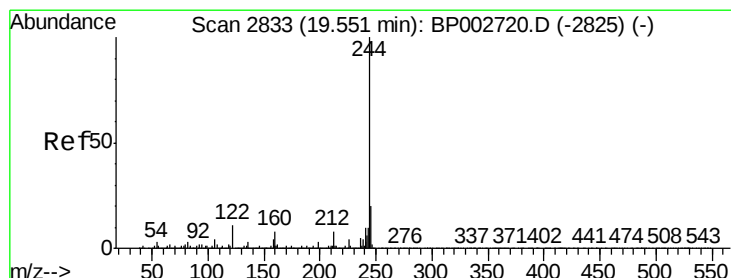
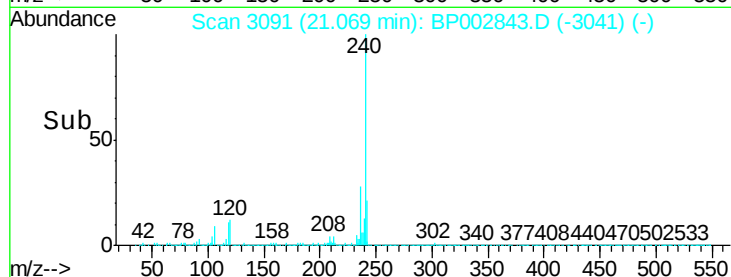
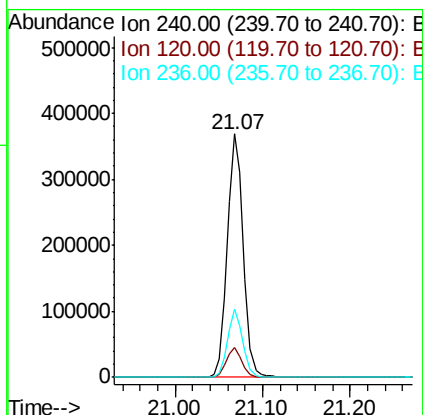
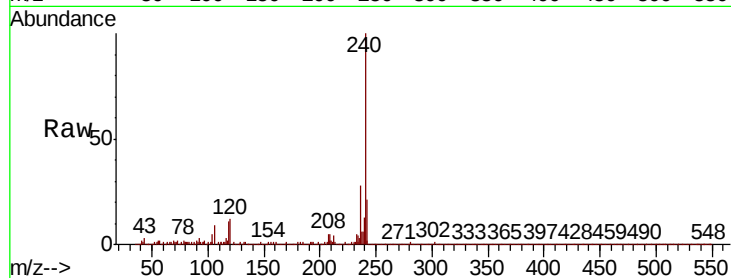




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

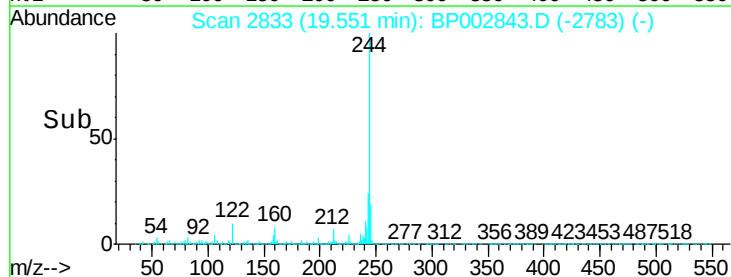
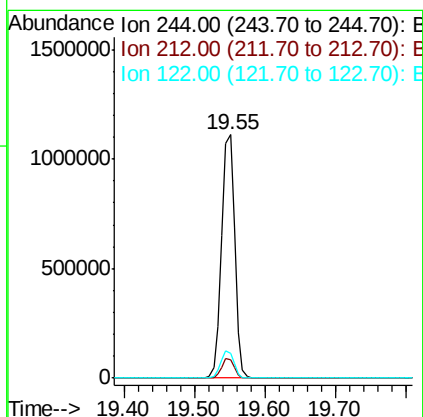
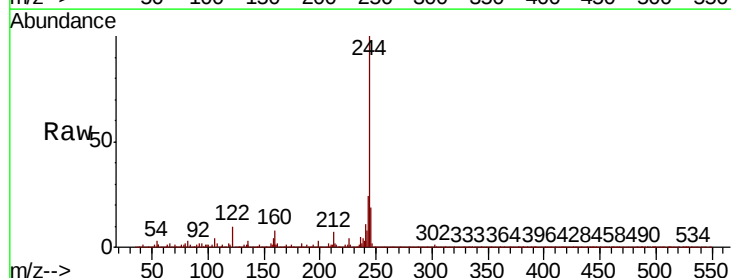
Instrument :
BNA_P
ClientSampleId :
347-GRID-B1-B2

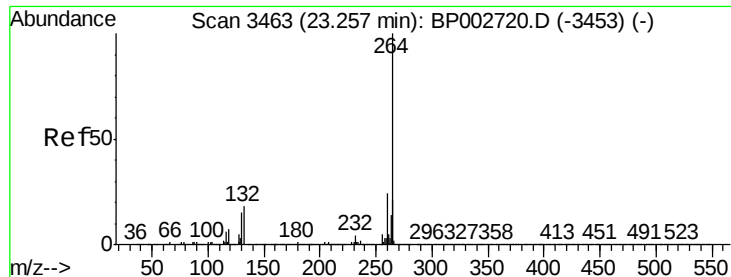
Tot Ion:240 Resp: 463572
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 27.8 21.3 31.9



#79
Terphenyl-d14
Concen: 71.388 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Tgt Ion:244 Resp: 1443415
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.3 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002843.D
Acq: 23 Jul 2020 16:45

Instrument :
BNA_P
ClientSampleId :
347-GRID-B1-B2

Tot Ion:	264	Resp:	549368
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.8	16.8	25.2

