

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP071320\
 Data File : BP002728.D
 Acq On : 13 Jul 2020 10:33
 Operator : CG/JU
 Sample : PB129957BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129957BL

Quant Time: Jul 13 11:07:37 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

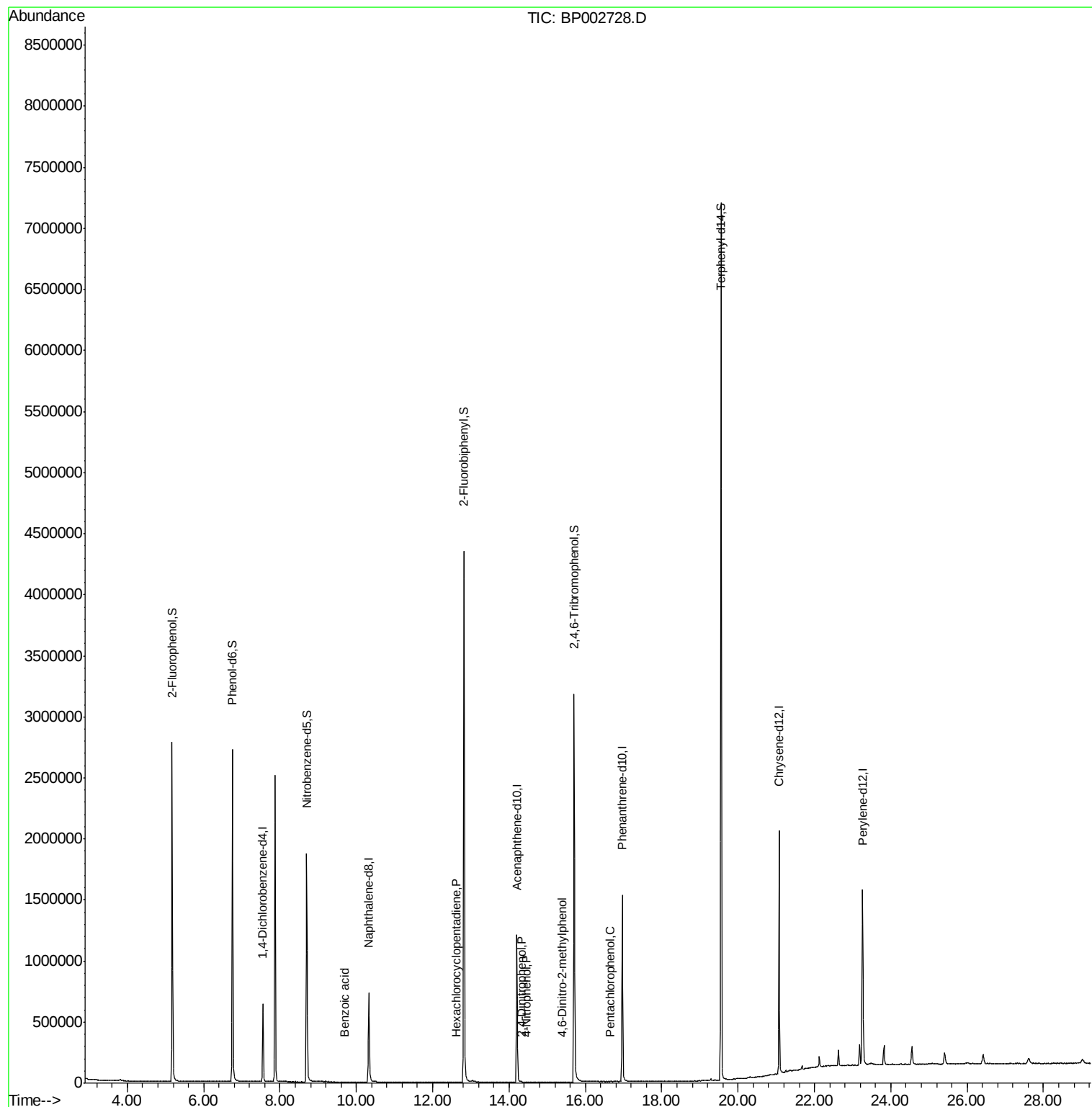
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	169610	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	681899	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	435178	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	974544	20.00	ng	0.00
76) Chrysene-d12	21.07	240	986847	20.00	ng	0.00
86) Perylene-d12	23.26	264	1015359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1279257	127.25	ng	0.00
7) Phenol-d6	6.75	99	1695295	118.16	ng	0.00
23) Nitrobenzene-d5	8.70	82	1141919	89.56	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	606473	133.51	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2515492	89.42	ng	0.00
79) Terphenyl-d14	19.56	244	3808269	88.48	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	38	7.066	ng	Qvalue
41) Hexachlorocyclopentadiene	12.62	237	10	7.436	ng	# 1
54) 2,4-Dinitrophenol	14.34	184	13	11.377	ng	# 35
56) 4-Nitrophenol	14.44	139	21	4.975	ng	# 66
65) 4,6-Dinitro-2-methylphenol	15.37	198	24	5.270	ng	# 1
70) Pentachlorophenol	16.63	266	21	7.445	ng	# 69

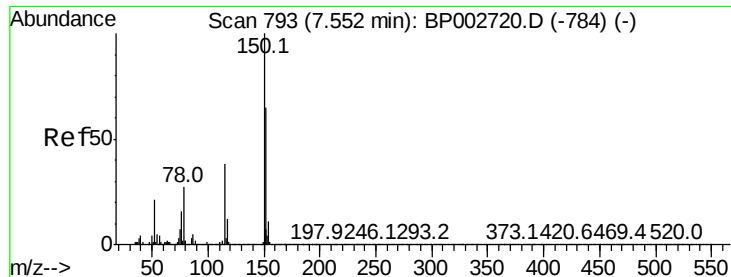
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP002728.D
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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.55 min Scan# 793

Delta R.T. 0.00 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

Instrument :

BNA_P

ClientSampleId :

PB129957BL

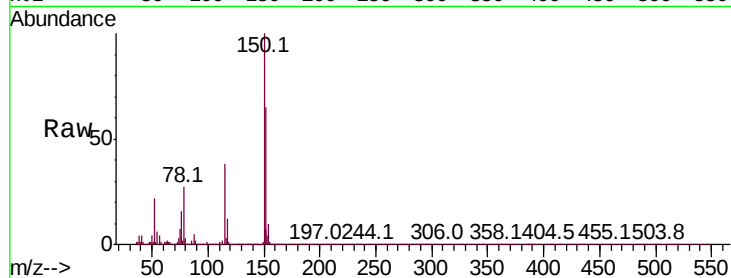
Tot Ion:152 Resp: 169610

Ion Ratio Lower Upper

152 100

150 154.6 123.7 185.5

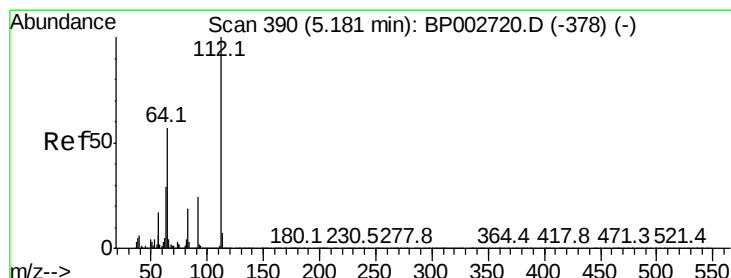
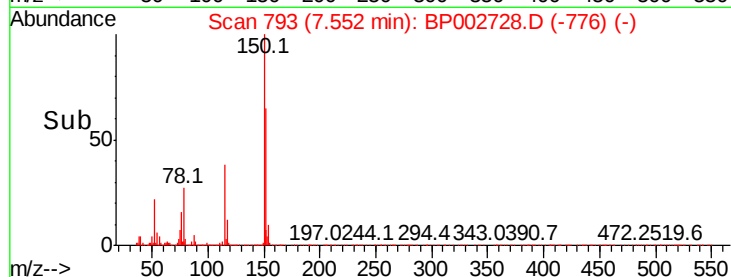
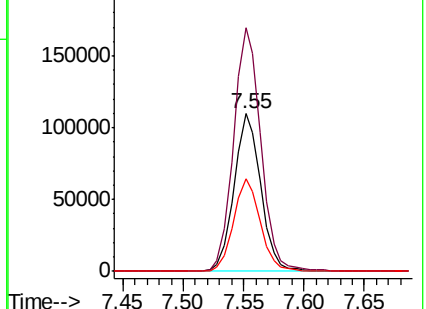
115 59.0 47.2 70.8



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: 127.253 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

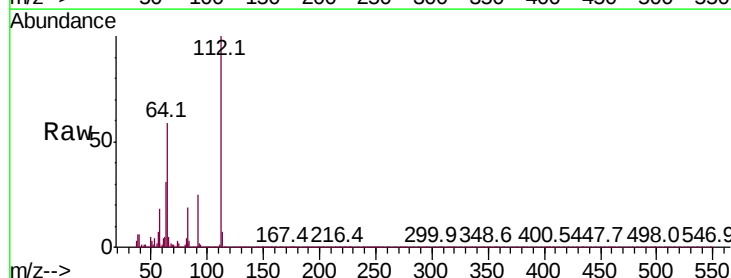
Tgt Ion:112 Resp: 1279257

Ion Ratio Lower Upper

112 100

64 59.0 45.6 68.4

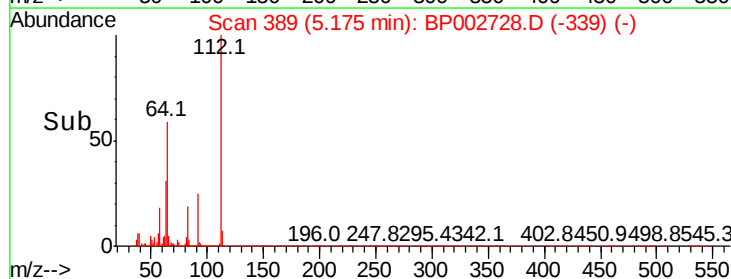
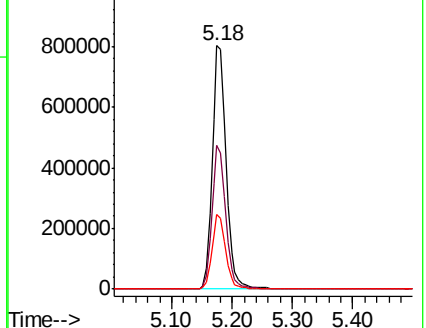
63 30.7 23.5 35.3

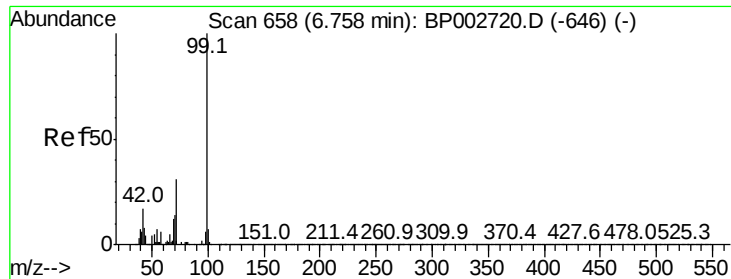


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 118.163 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

Instrument :

BNA_P

ClientSampleId :

PB129957BL

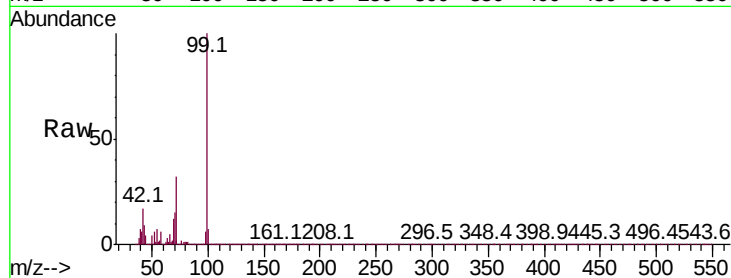
Tot Ion: 99 Resp: 1695295

Ion Ratio Lower Upper

99 100

42 17.5 13.4 20.2

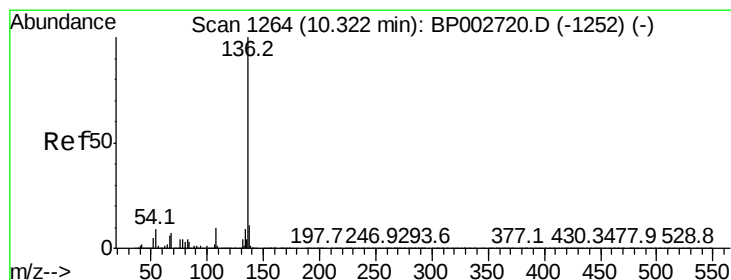
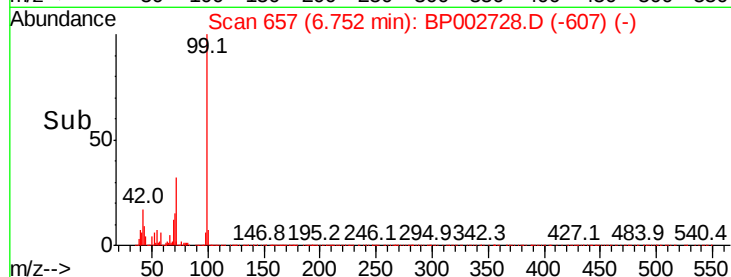
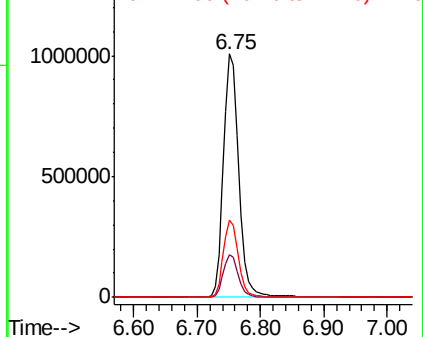
71 31.6 24.6 36.8



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: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

Tgt Ion: 136 Resp: 681899

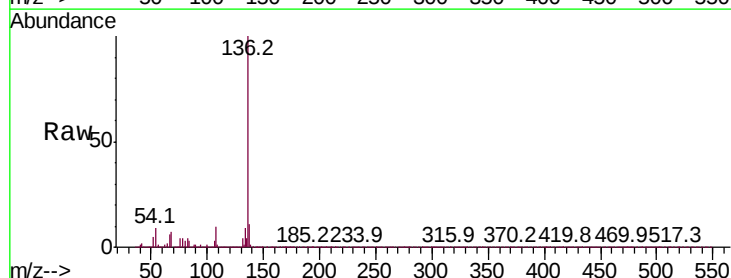
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.7 6.9 10.3

68 7.2 5.7 8.5

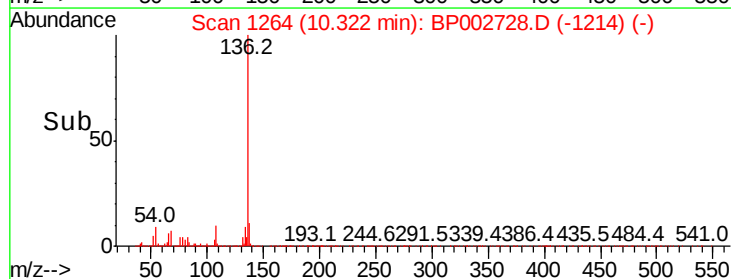
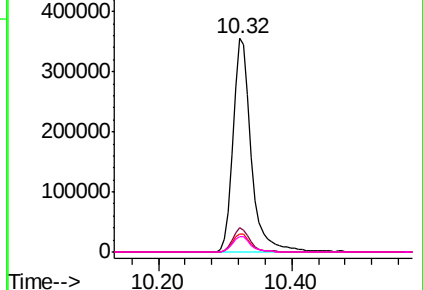


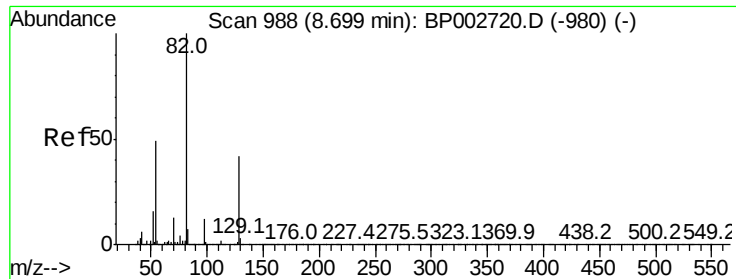
Abundance Ion 136.00 (135.70 to 136.70): E

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



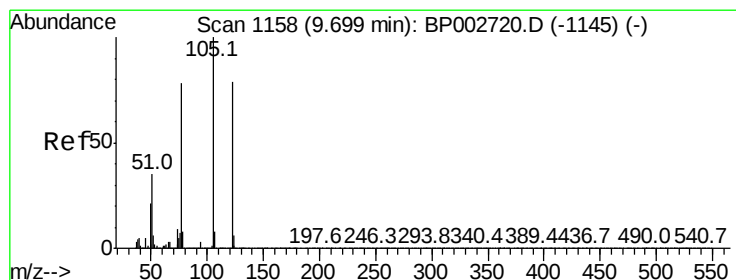
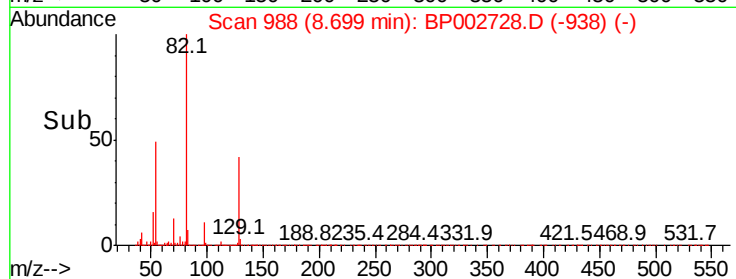
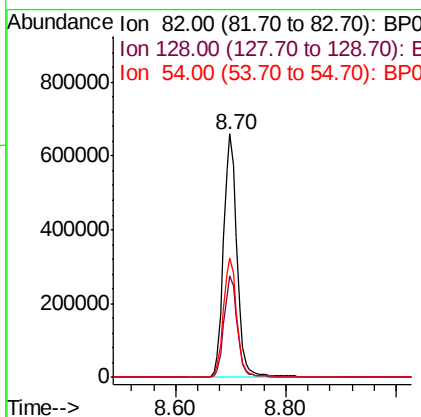
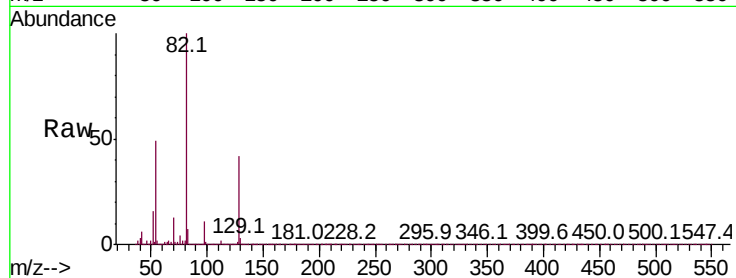


#23
 Nitrobenzene-d5
 Concen: 89.564 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Instrument :
 BNA_P
 ClientSampleID :
 PB129957BL

Tot Ion: 82 Resp: 1141919

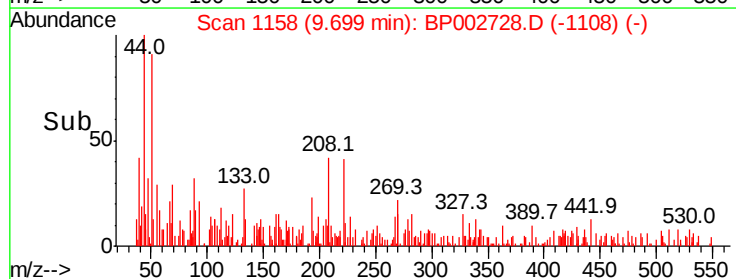
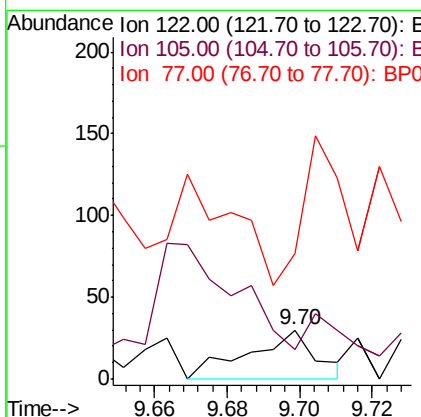
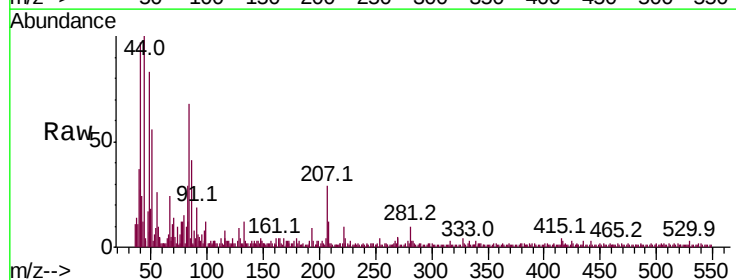
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.8
54	49.2	38.8	58.2

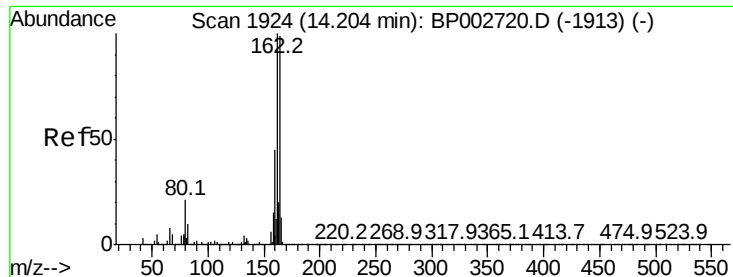


#32
 Benzoic acid
 Concen: 7.066 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Tgt Ion: 122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	60.0	105.4	145.4#
77	256.7	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

Instrument :

BNA_P

ClientSampleId :

PB129957BL

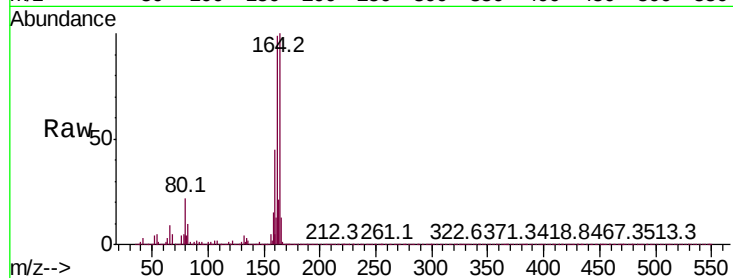
Tot Ion:164 Resp: 435178

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

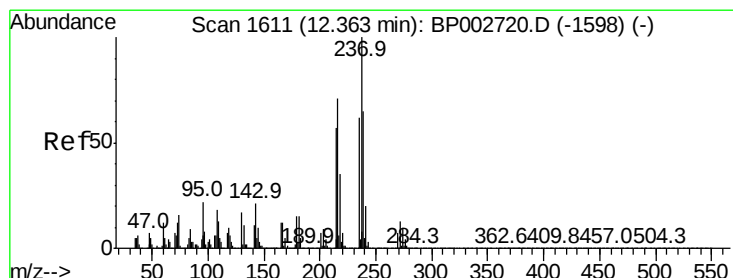
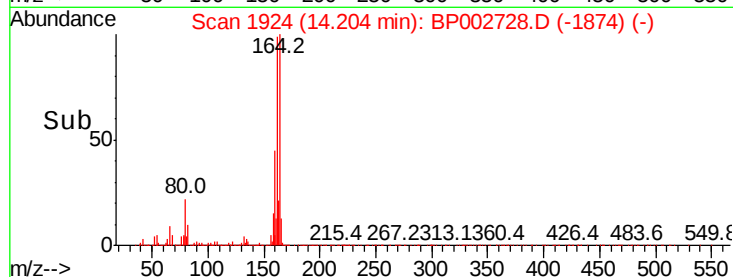
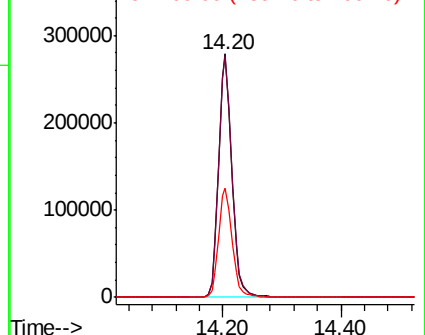
160 44.7 36.4 54.6



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: 7.436 ng

RT: 12.62 min Scan# 1654

Delta R.T. 0.25 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

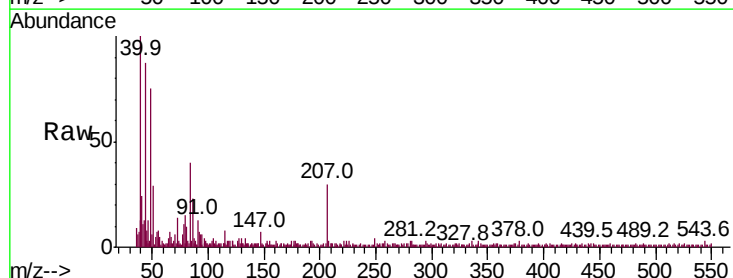
Tgt Ion:237 Resp: 10

Ion Ratio Lower Upper

237 100

235 52.9 42.3 82.3

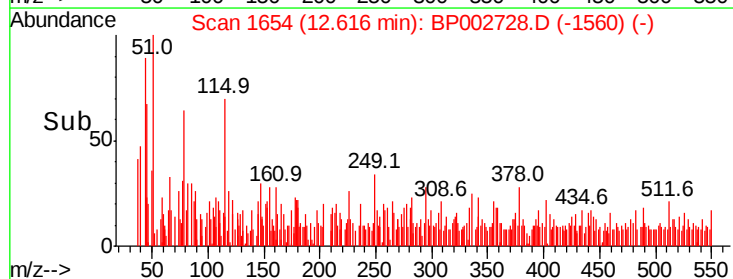
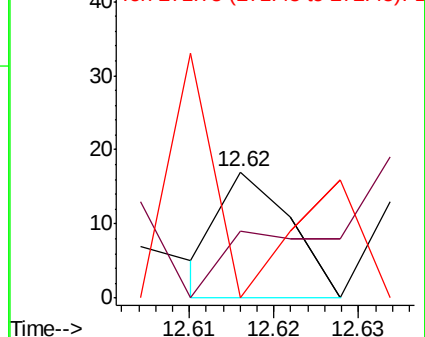
272 0.0 0.0 32.5

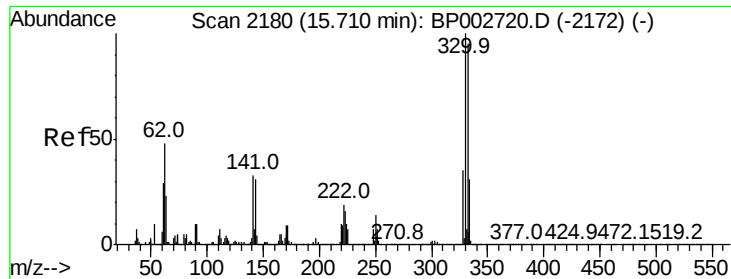


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

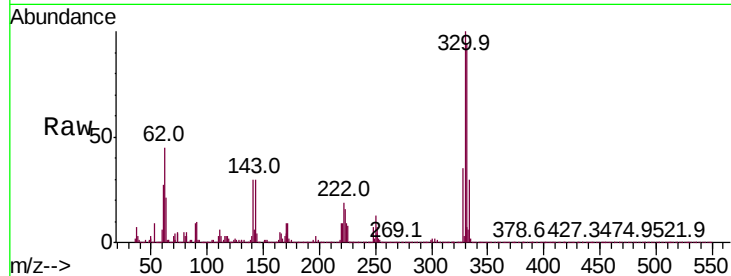




#42
 2,4,6-Tribromophenol
 Concen: 133.509 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Instrument :
 BNA_P
 ClientSampleId :
 PB129957BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.5	114.7
141	34.3	28.8	43.2

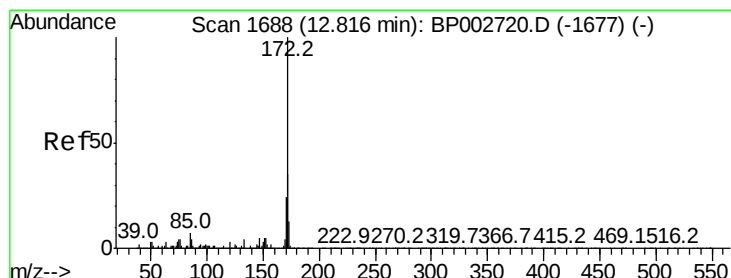
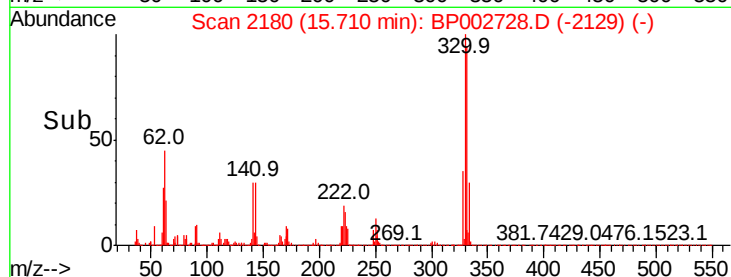
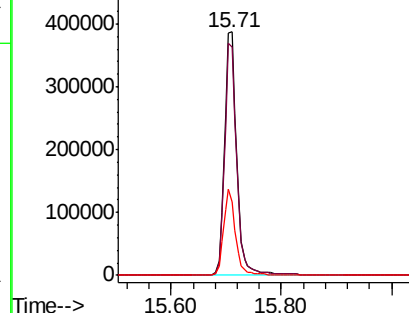


Abundance

Ion 329.80 (329.50 to 330.50): E

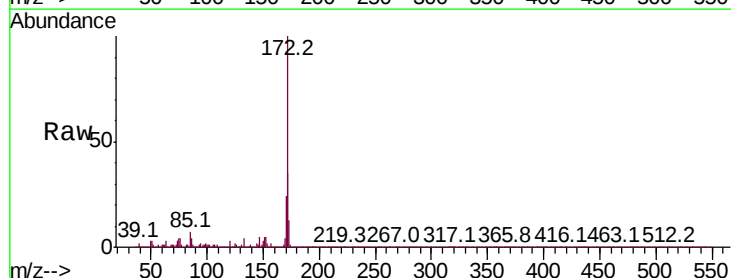
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.421 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.8	19.3	28.9

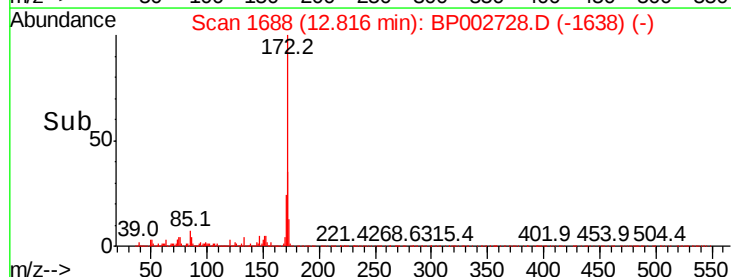
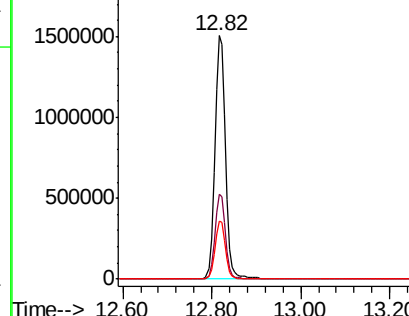


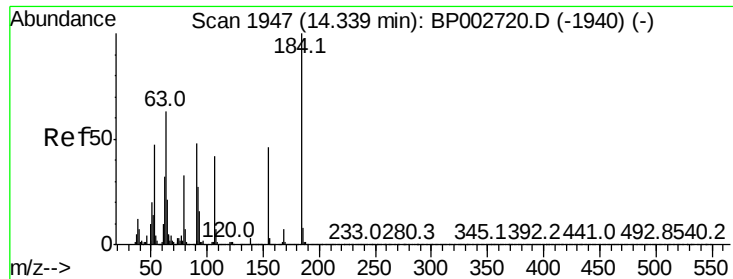
Abundance

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





#54

2,4-Dinitrophenol

Concen: 11.377 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

Instrument :

BNA_P

ClientSampleId :

PB129957BL

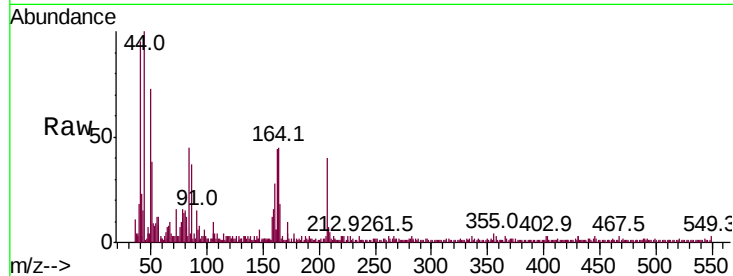
Tot Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 154.5 51.6 77.4#

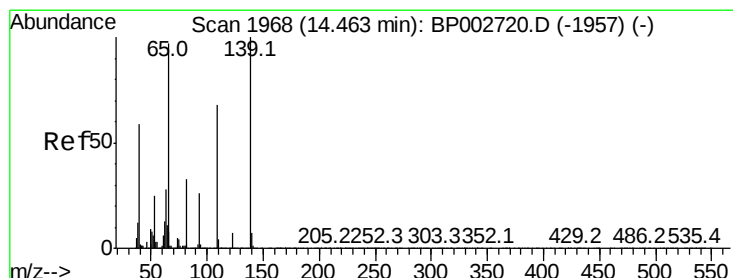
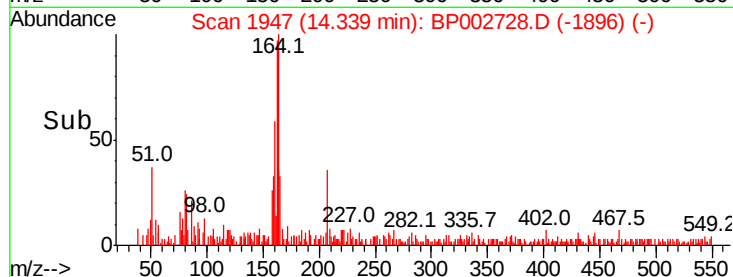
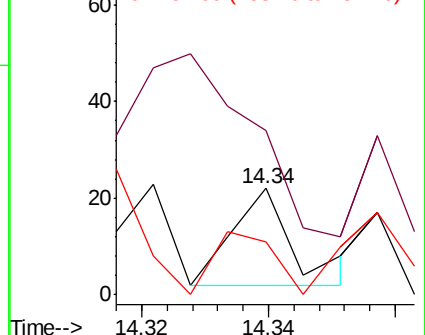
154 50.0 45.0 67.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BPO

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 4.975 ng

RT: 14.44 min Scan# 1964

Delta R.T. -0.03 min

Lab File: BP002728.D

Acq: 13 Jul 2020 10:33

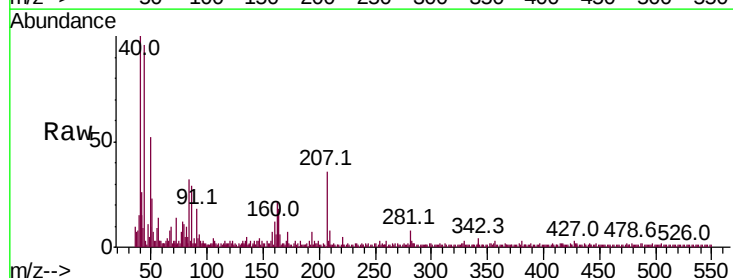
Tgt Ion:139 Resp: 21

Ion Ratio Lower Upper

139 100

109 37.5 48.1 88.1#

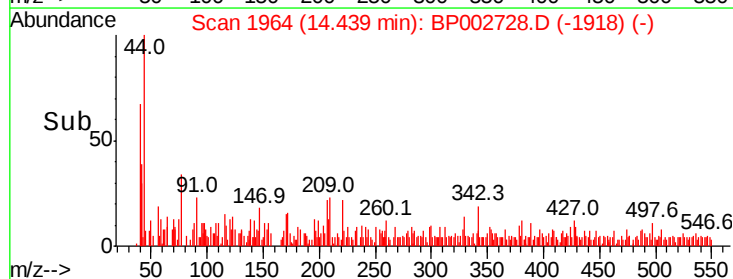
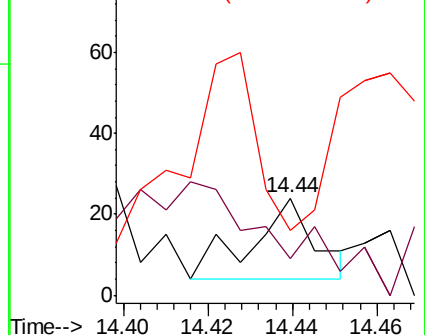
65 66.7 77.9 117.9#

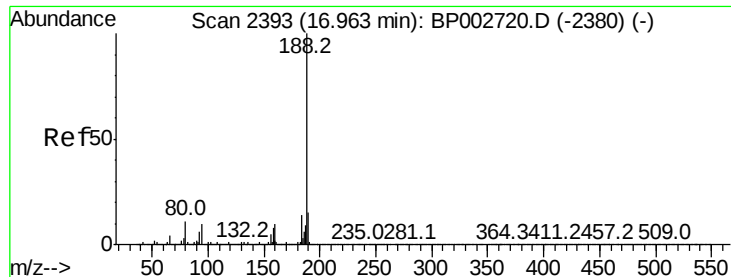


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

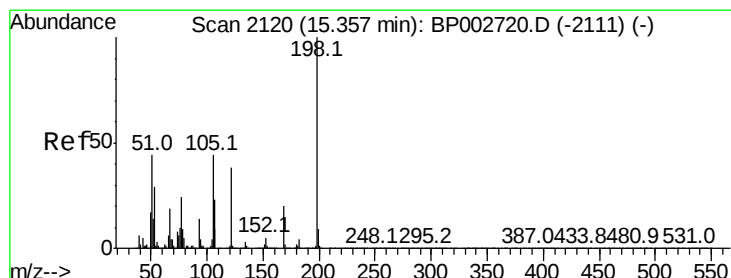
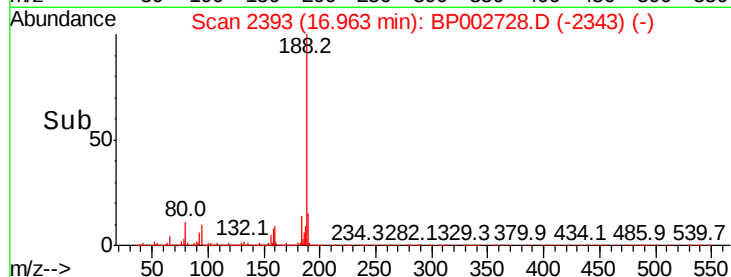
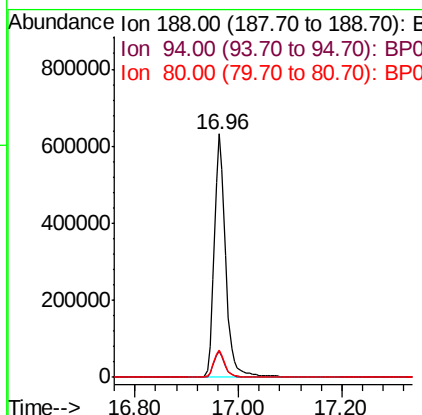
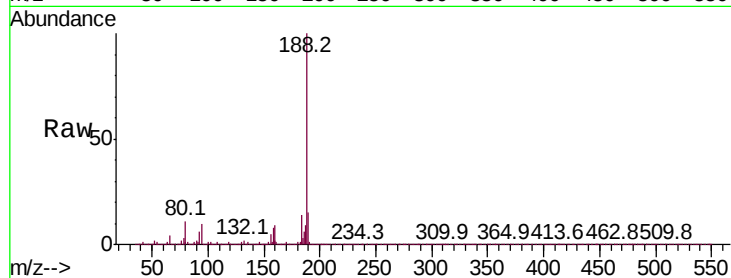




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002728.D
Acq: 13 Jul 2020 10:33

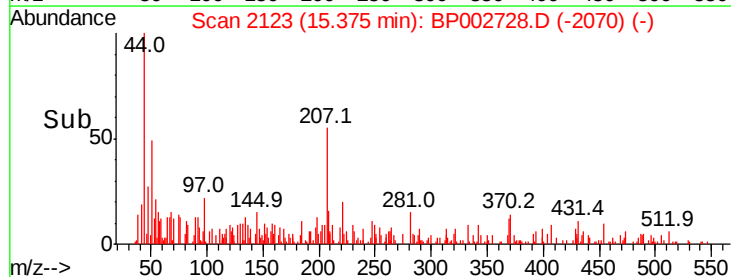
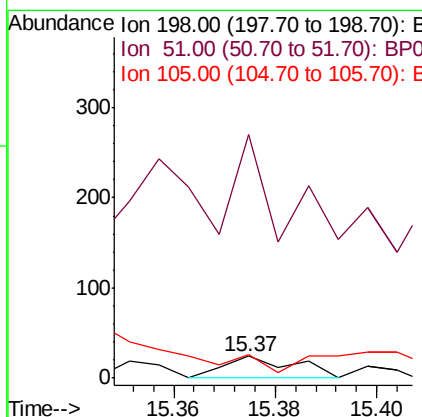
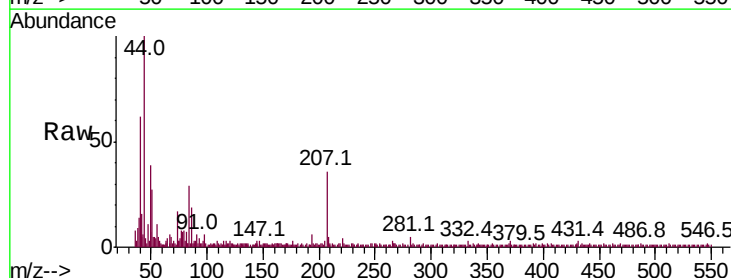
Instrument :
BNA_P
ClientSampleId :
PB129957BL

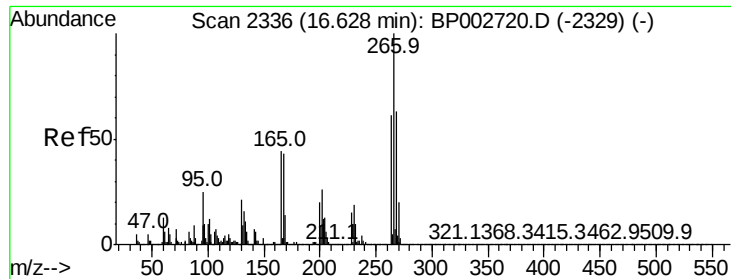
Tot Ion:188 Resp: 974544
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.4 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.270 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002728.D
Acq: 13 Jul 2020 10:33

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1125.0 27.1 67.1#
105 108.3 24.9 64.9#

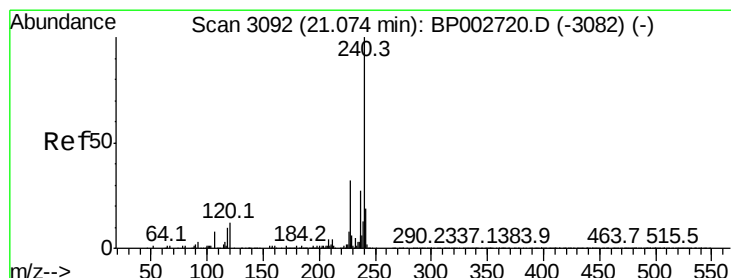
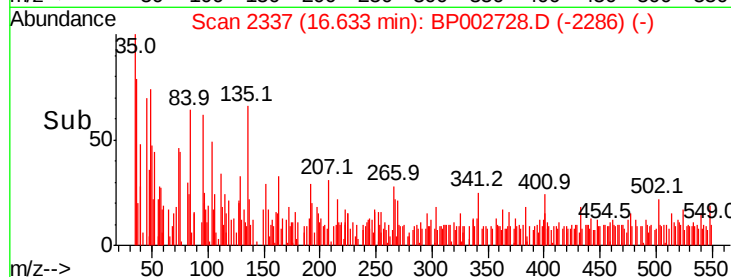
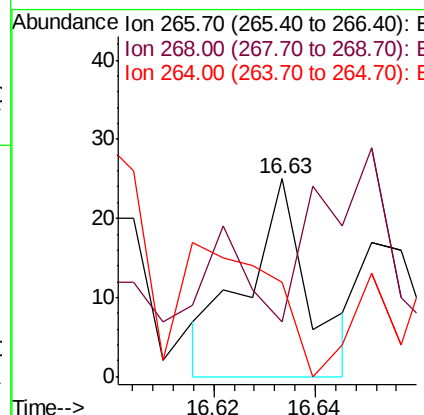
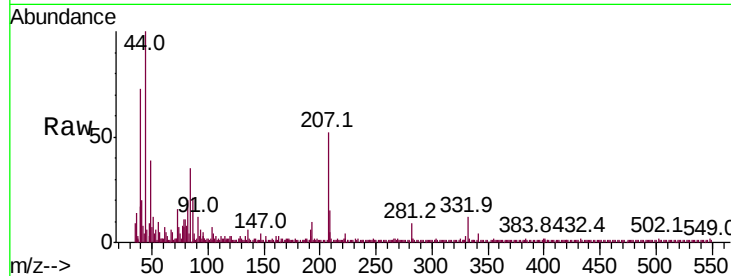




#70
 Pentachlorophenol
 Concen: 7.445 ng
 RT: 16.63 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

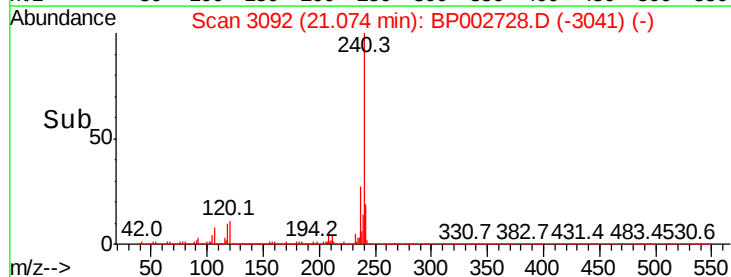
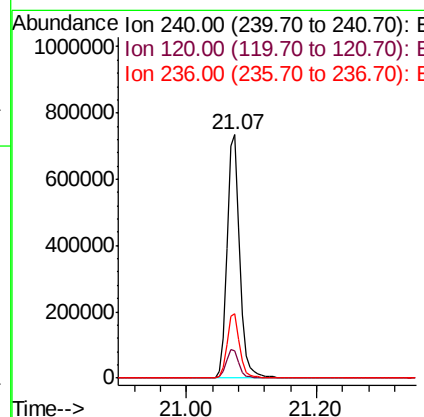
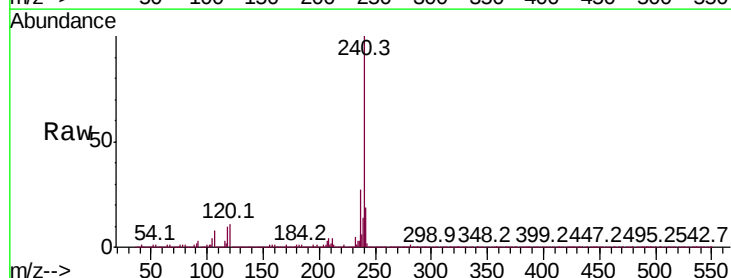
Instrument :
 BNA_P
 ClientSampleId :
 PB129957BL

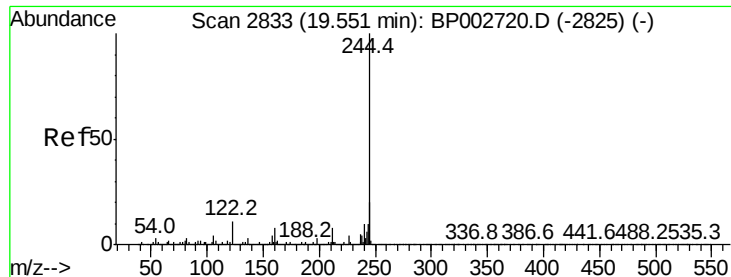
Tot Ion	Ratio	Lower	Upper
266	100		
268	28.0	50.6	75.8#
264	48.0	48.6	72.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	26.5	21.3	31.9



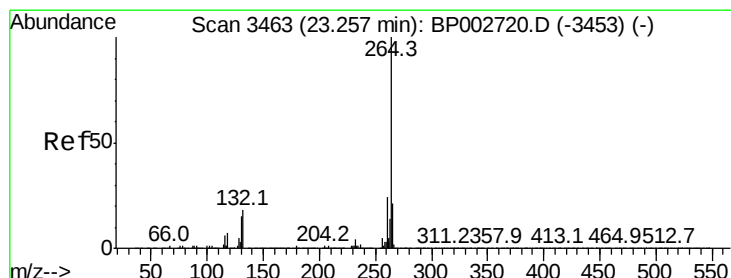
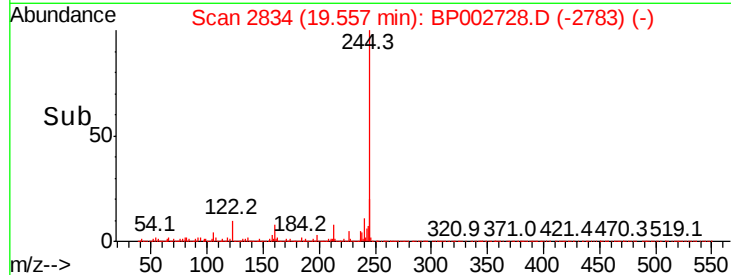
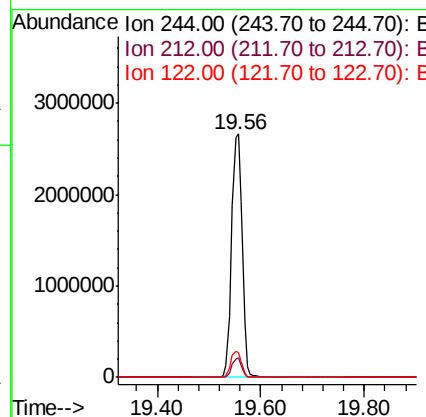
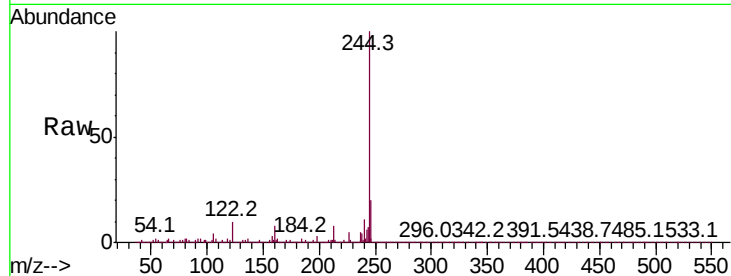


#79
 Terphenyl-d14
 Concen: 88.477 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Instrument :
 BNA_P
 ClientSampleId :
 PB129957BL

Tot Ion:244 Resp: 3808269

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.3	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3464
 Delta R.T. 0.00 min
 Lab File: BP002728.D
 Acq: 13 Jul 2020 10:33

Tgt Ion:264 Resp: 1015359

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.6	16.8	25.2

