

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002580.D
 Acq On : 30 Jun 2020 18:02
 Operator : CG/JU
 Sample : L3153-43
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-L

Quant Time: Jul 01 04:11:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

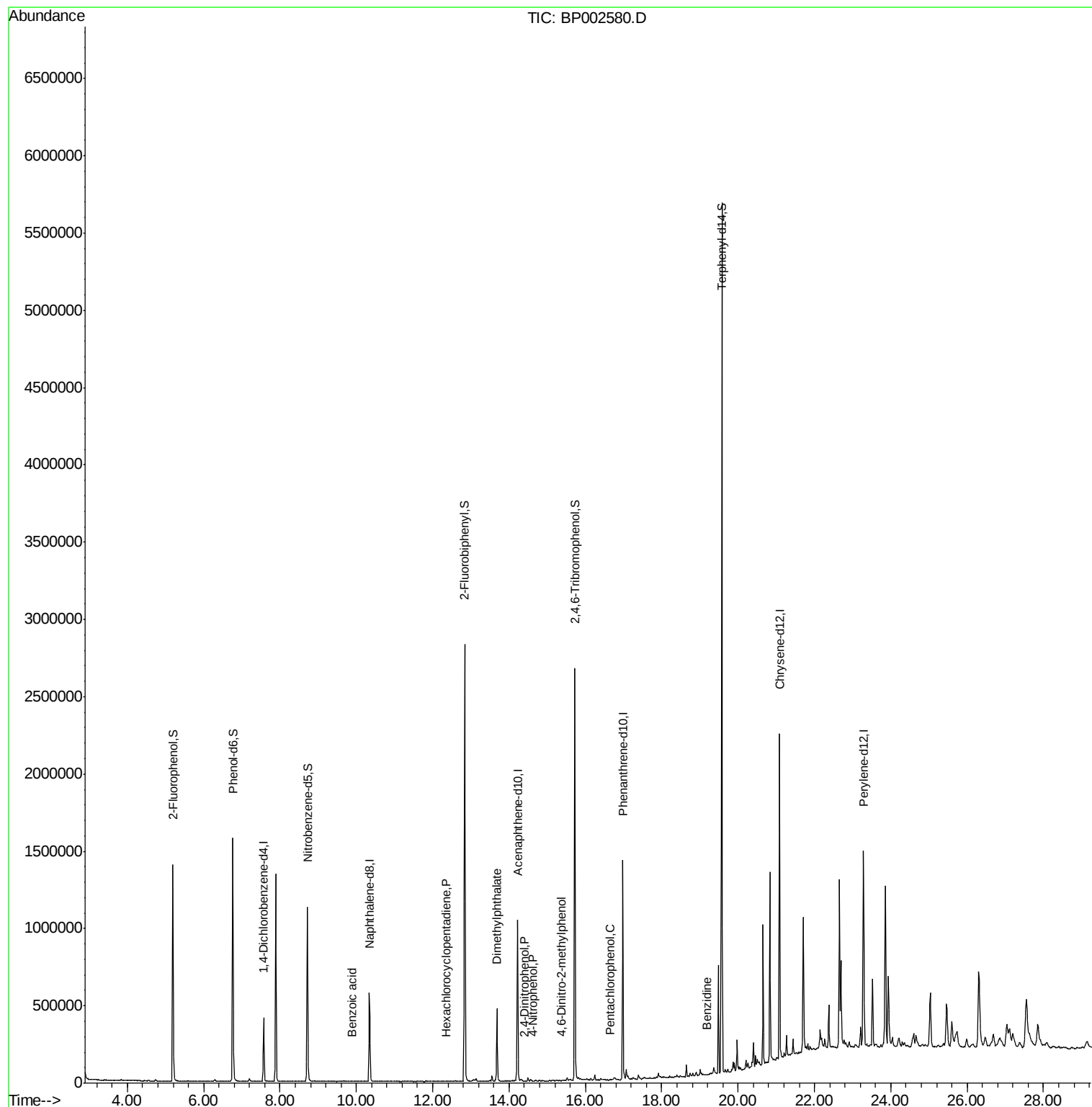
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	110305	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	486765	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	346038	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	844197	20.00	ng	0.00
76) Chrysene-d12	21.09	240	935722	20.00	ng	0.00
86) Perylene-d12	23.29	264	869628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	627175	96.27	ng	0.00
7) Phenol-d6	6.76	99	910534	100.13	ng	0.00
23) Nitrobenzene-d5	8.72	82	639229	67.66	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	462412	109.87	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1521237	64.70	ng	0.00
79) Terphenyl-d14	19.57	244	2801399	64.62	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	116	8.717	ng	Qvalue 94
41) Hexachlorocyclopentadiene	12.35	237	13	4.384	ng	94
50) Dimethylphthalate	13.68	163	307110	11.300	ng	99
54) 2,4-Dinitrophenol	14.40	184	51	6.022	ng	93
56) 4-Nitrophenol	14.63	139	179	2.470	ng	83
65) 4,6-Dinitro-2-methylphenol	15.37	198	17	2.713	ng	# 1
70) Pentachlorophenol	16.65	266	12	2.664	ng	# 59
77) Benzidine	19.19	184	181	3.760	ng	# 1

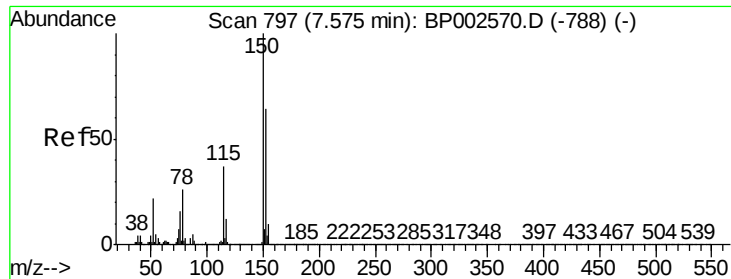
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002580.D
Acq On : 30 Jun 2020 18:02
Operator : CG/JU
Sample : L3153-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP2-L

Quant Time: Jul 01 04:11:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



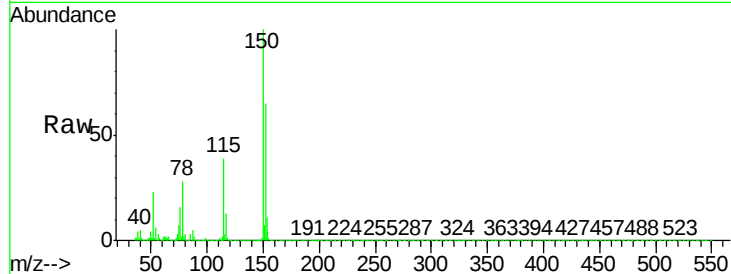


#1

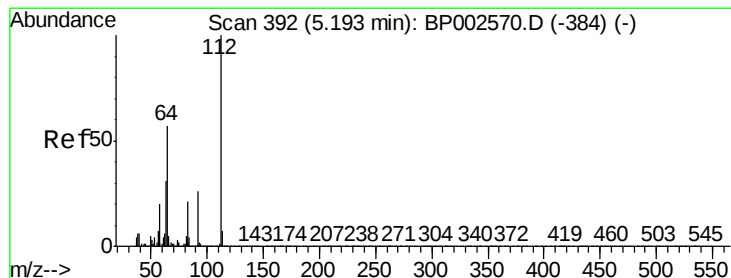
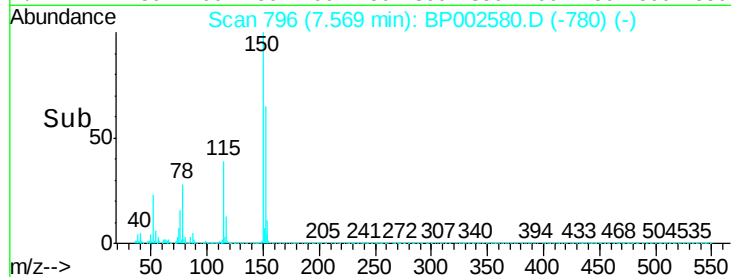
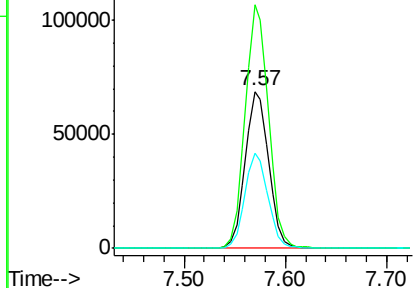
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Instrument :
BNA_P
ClientSampleId :
SP2-L

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	60.4	47.1	70.7



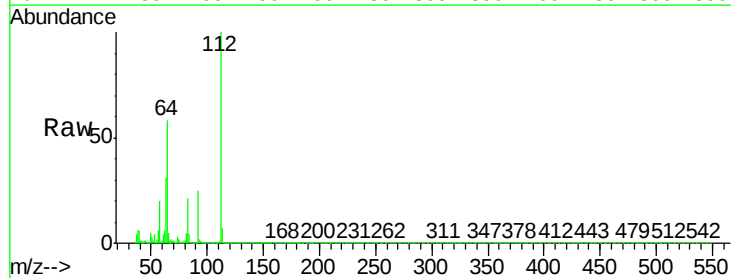
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



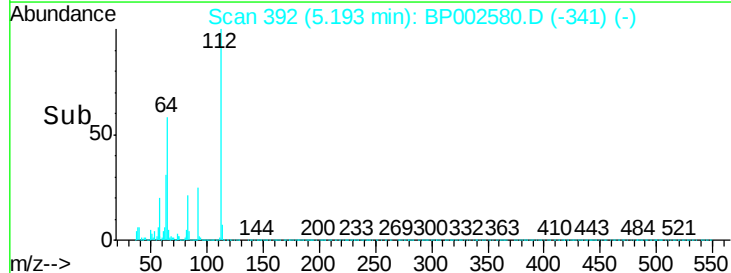
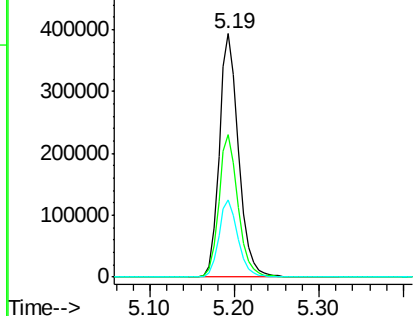
#5

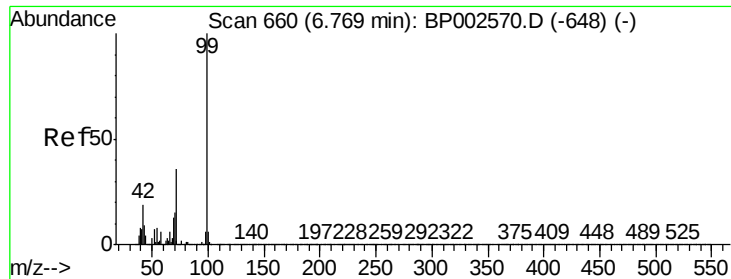
2-Fluorophenol
Concen: 96.267 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.0	70.6
63	31.5	26.1	39.1



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: 100.134 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Instrument :

BNA_P

ClientSampleId :

SP2-L

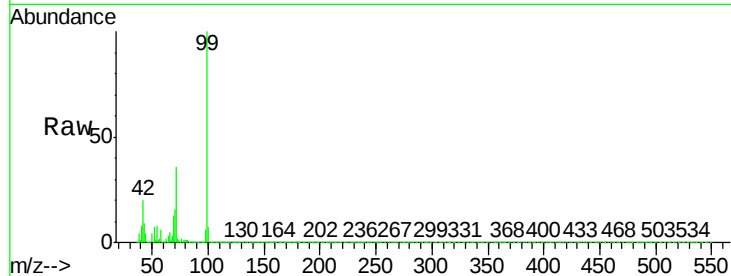
Tot Ion: 99 Resp: 910534

Ion Ratio Lower Upper

99 100

42 19.6 15.5 23.3

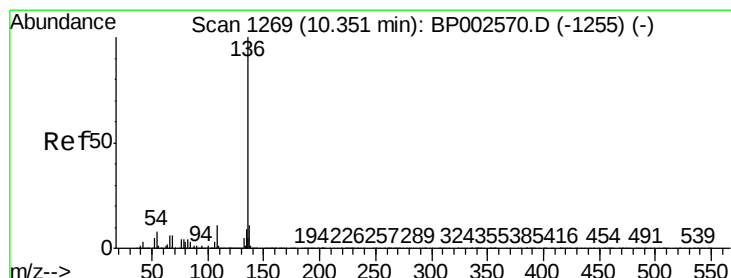
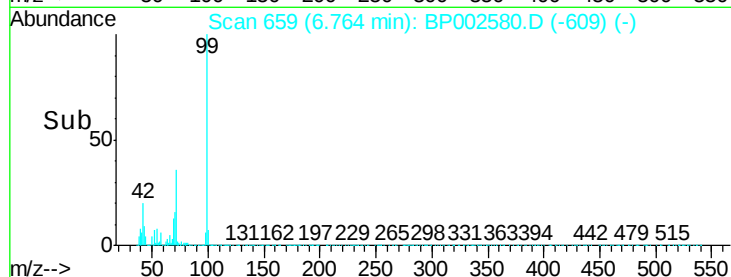
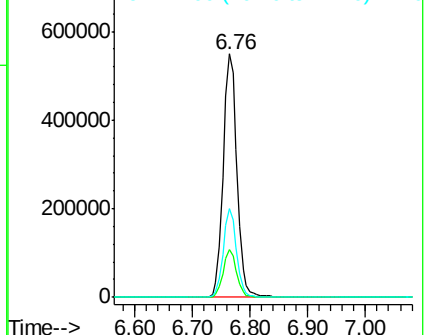
71 36.3 28.9 43.3



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: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Tgt Ion: 136 Resp: 486765

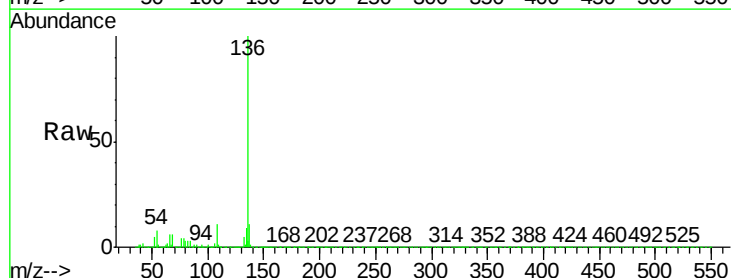
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 6.4 9.6

68 6.4 5.1 7.7

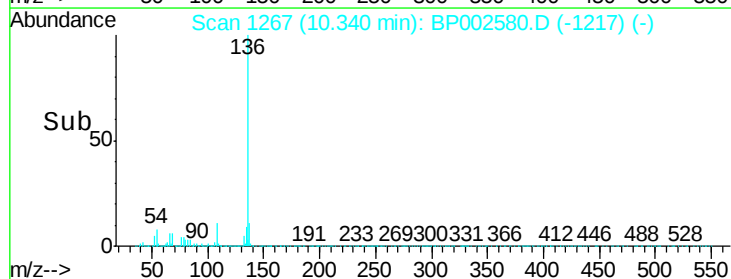
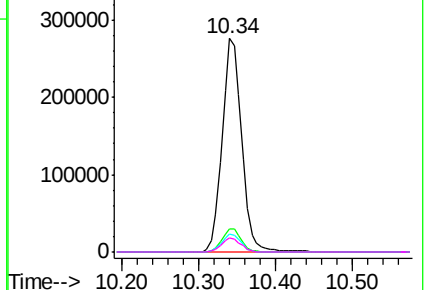


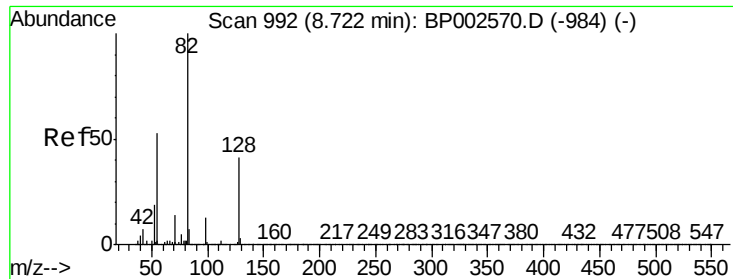
Abundance Ion 136.00 (135.70 to 136.70): E

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

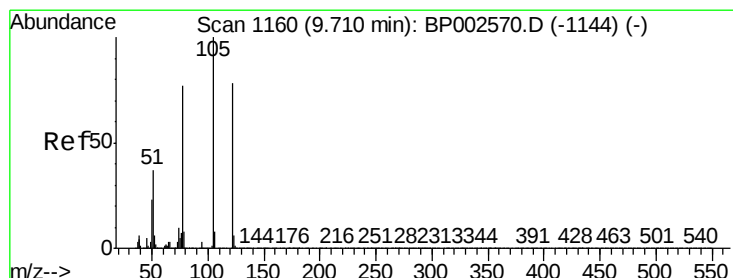
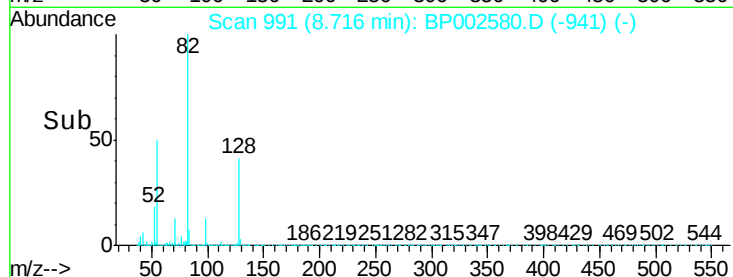
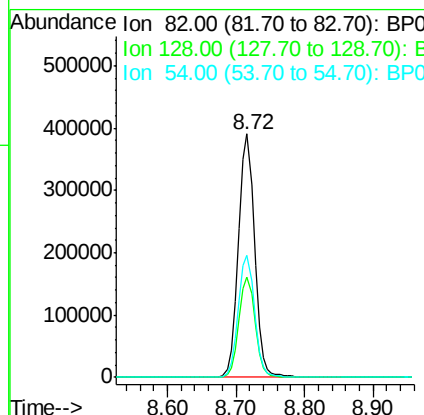
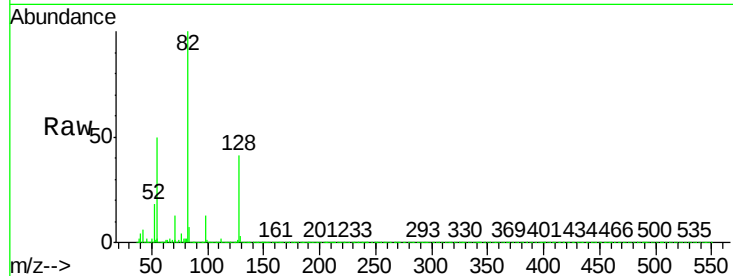




#23
 Nitrobenzene-d5
 Concen: 67.664 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002580.D
 Acq: 30 Jun 2020 18:02

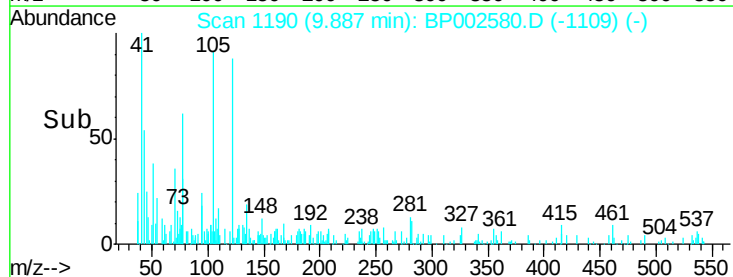
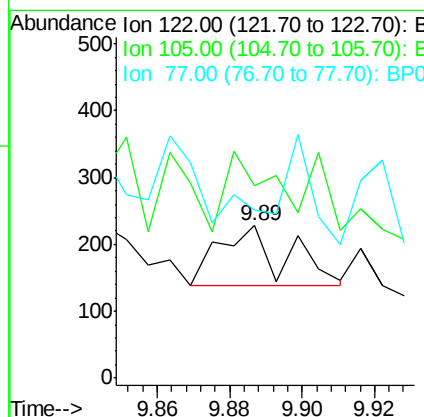
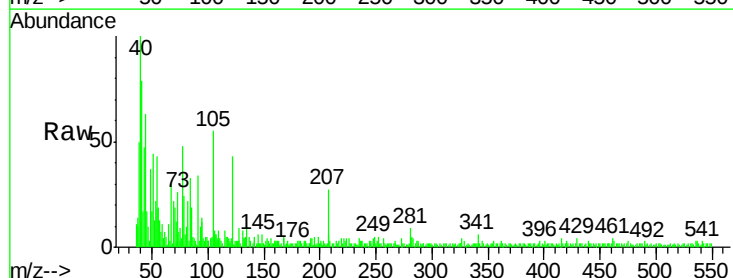
Instrument :
 BNA_P
 ClientSampled :
 SP2-L

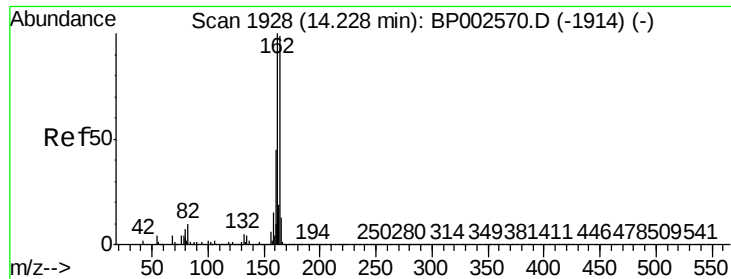
Tot Ion	82	Resp	639229
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.4	50.2
54	50.1	40.1	60.1



#32
 Benzoic acid
 Concen: 8.717 ng
 RT: 9.89 min Scan# 1190
 Delta R.T. 0.18 min
 Lab File: BP002580.D
 Acq: 30 Jun 2020 18:02

Tgt Ion	122	Resp	116
Ion Ratio	Lower	Upper	
122	100		
105	125.9	106.6	146.6
77	110.1	76.5	116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Instrument :

BNA_P

ClientSampleId :

SP2-L

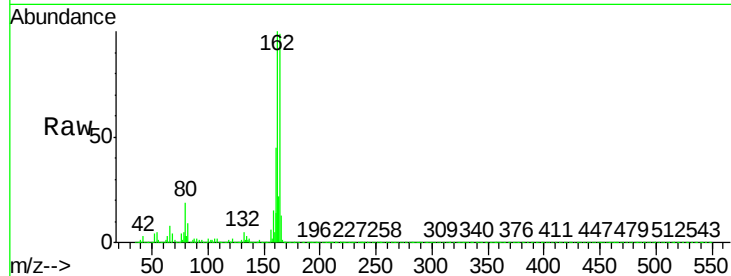
Tot Ion:164 Resp: 346038

Ion Ratio Lower Upper

164 100

162 100.8 80.3 120.5

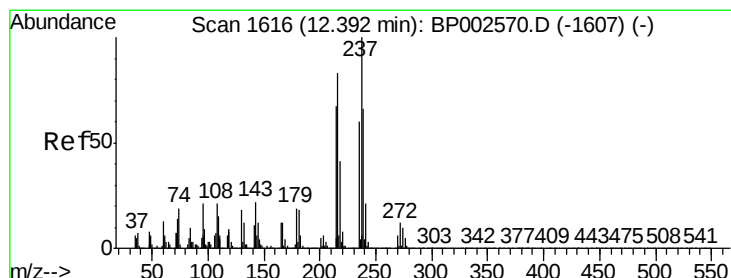
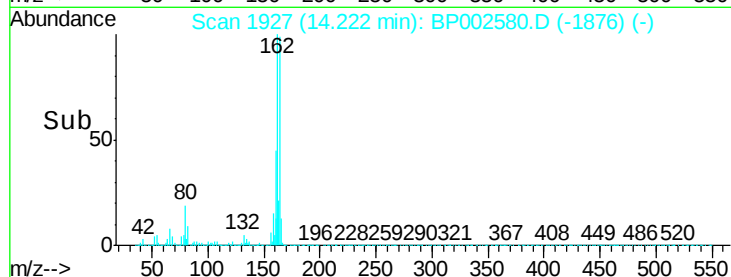
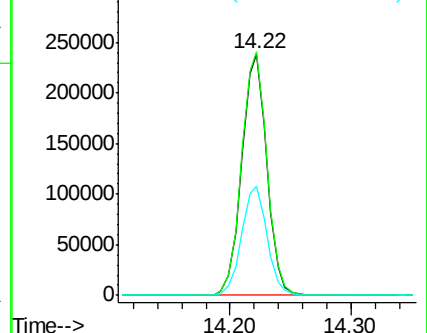
160 45.1 35.0 52.6



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: 4.384 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

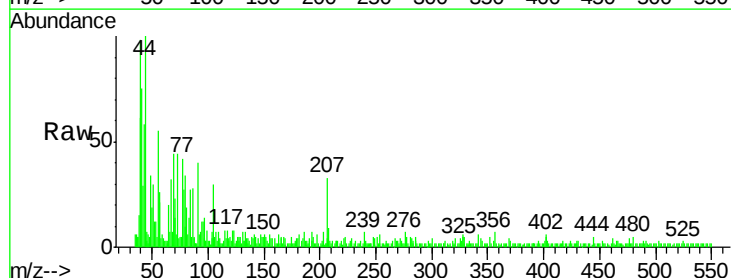
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 64.3 45.4 85.4

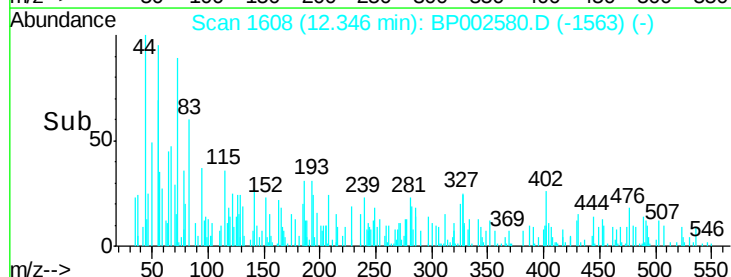
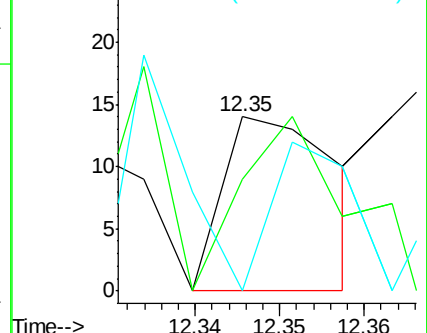
272 0.0 0.0 32.6

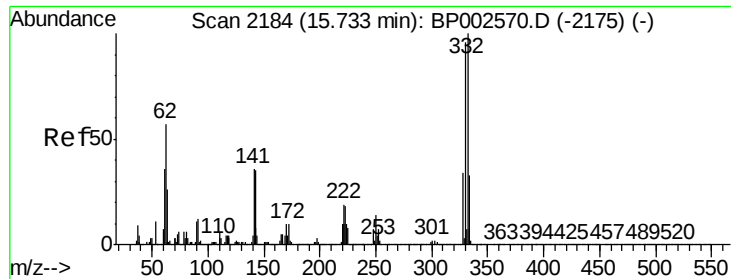


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

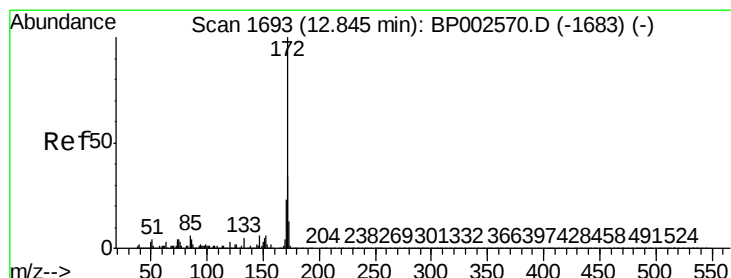
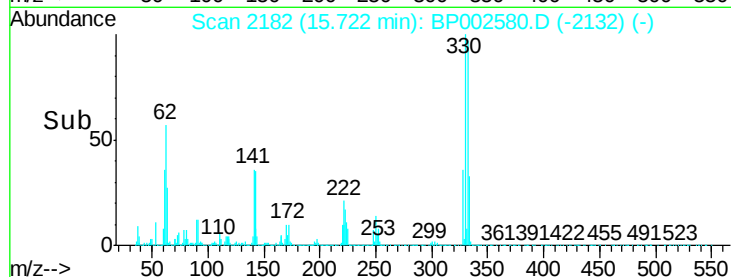
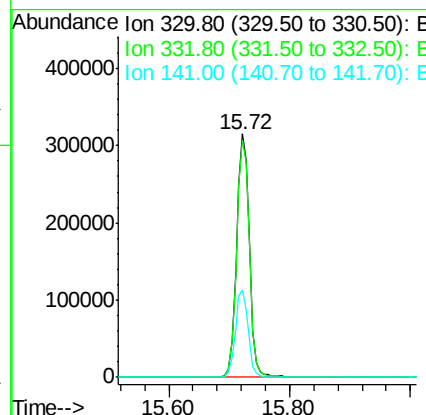
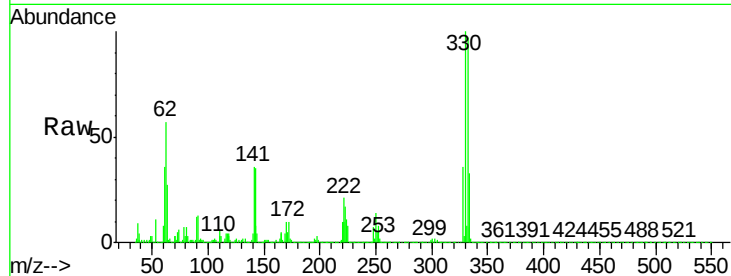




#42
2,4,6-Tribromophenol
Concen: 109.868 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

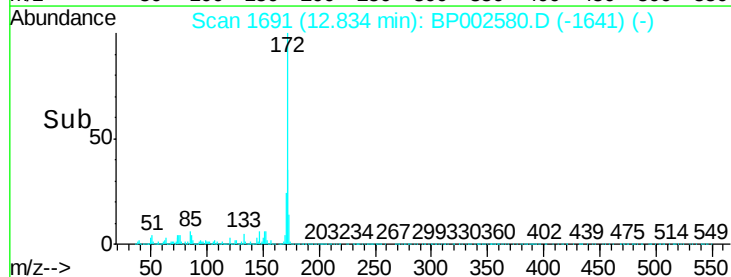
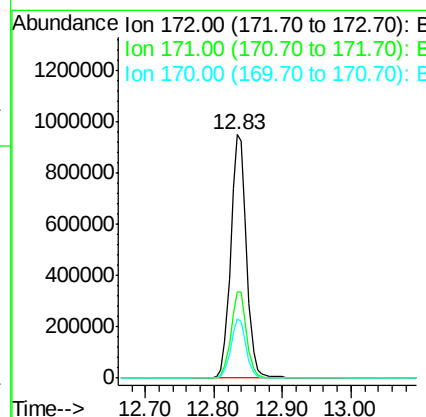
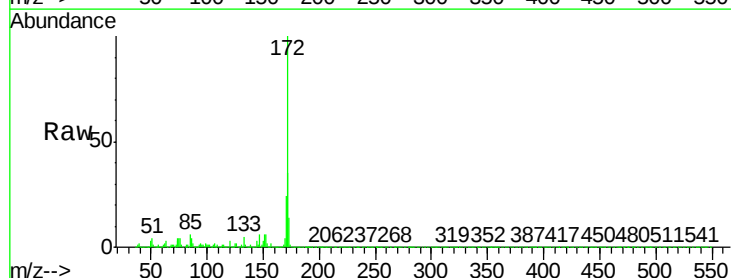
Instrument :
BNA_P
ClientSampleId :
SP2-L

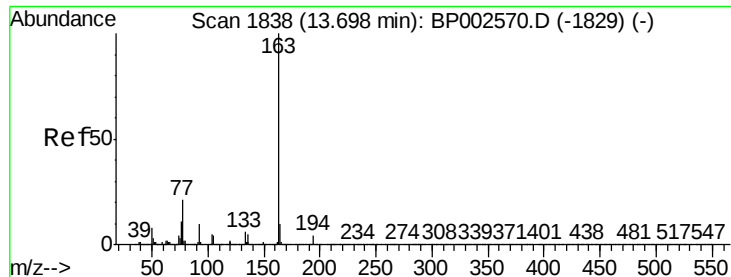
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.7	116.5
141	36.0	29.0	43.6



#45
2-Fluorobiphenyl
Concen: 64.704 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	24.2	19.0	28.4





#50

Dimethylphthalate

Concen: 11.300 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Instrument :

BNA_P

ClientSampled :

SP2-L

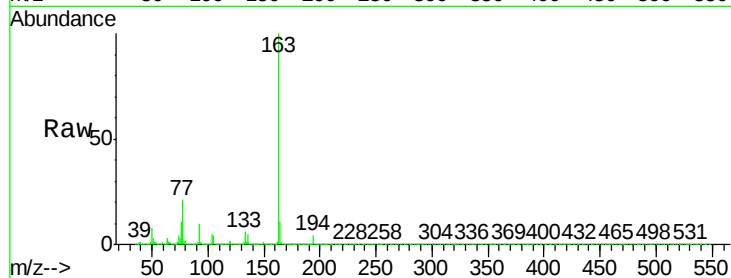
Tot Ion:163 Resp: 307110

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

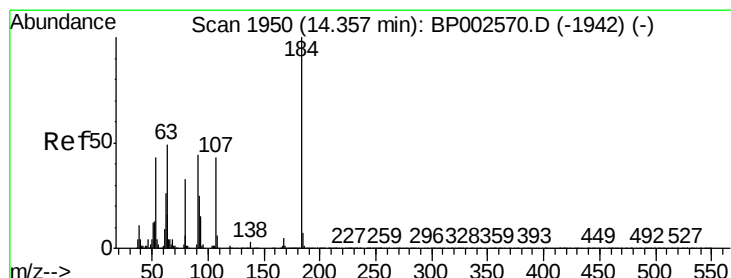
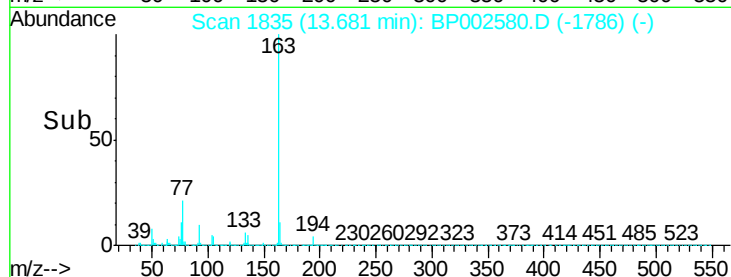
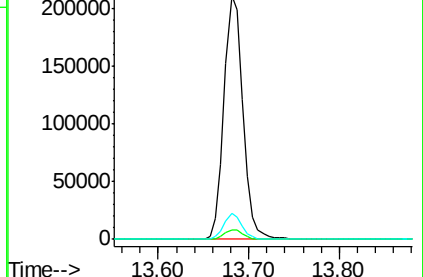
164 10.5 8.2 12.4



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: 6.022 ng

RT: 14.40 min Scan# 1958

Delta R.T. 0.06 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

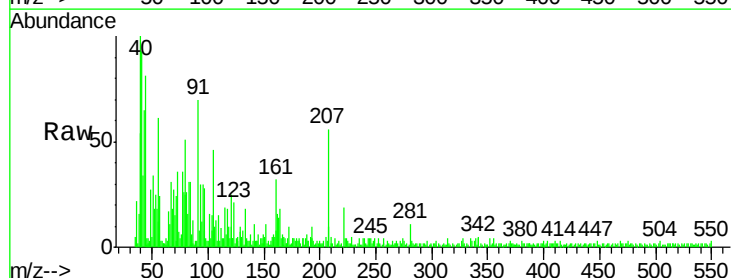
Tgt Ion:184 Resp: 51

Ion Ratio Lower Upper

184 100

63 77.3 56.2 84.2

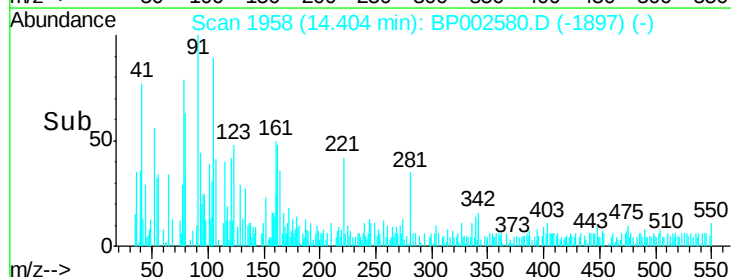
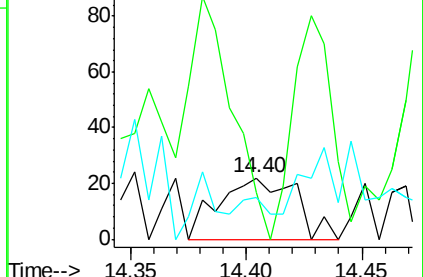
154 68.2 50.9 76.3

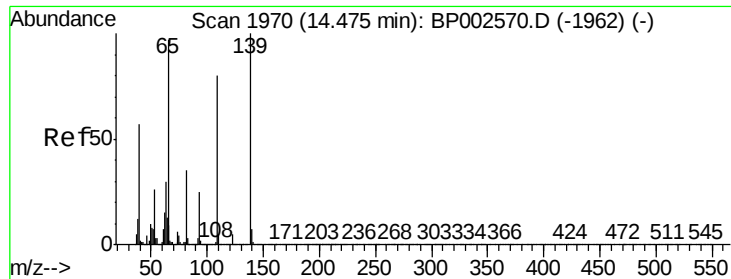


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

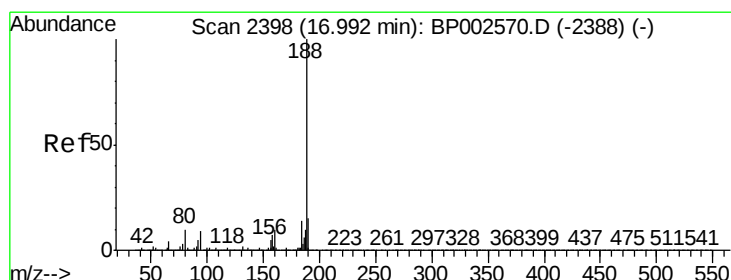
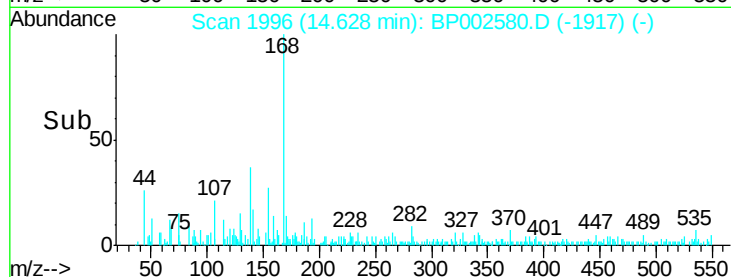
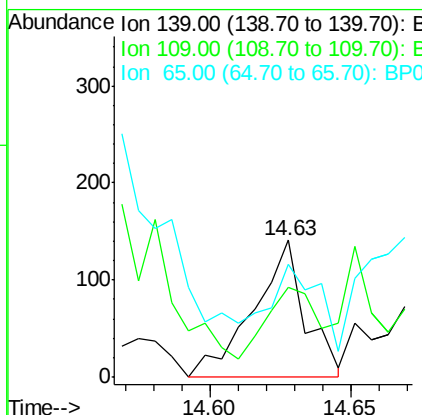
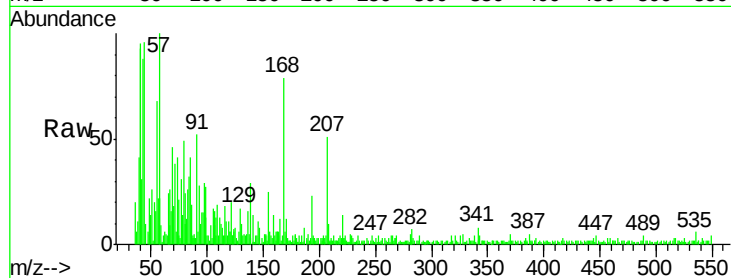




#56
4-Nitrophenol
Concen: 2.470 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.16 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

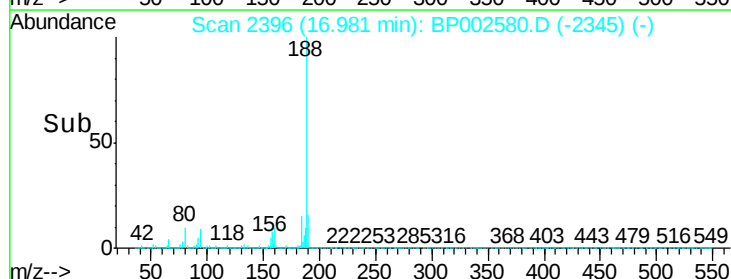
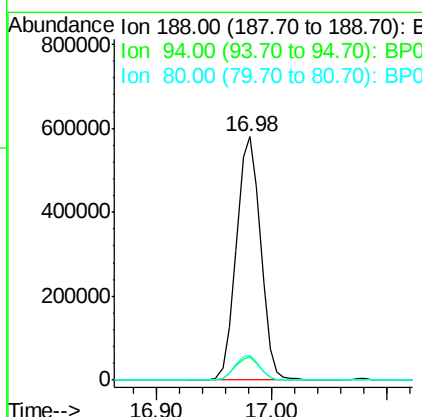
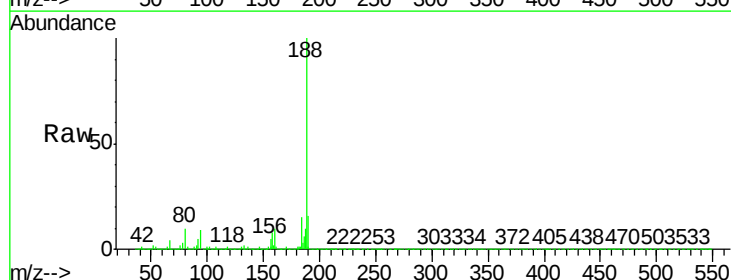
Instrument :
BNA_P
ClientSampleId :
SP2-L

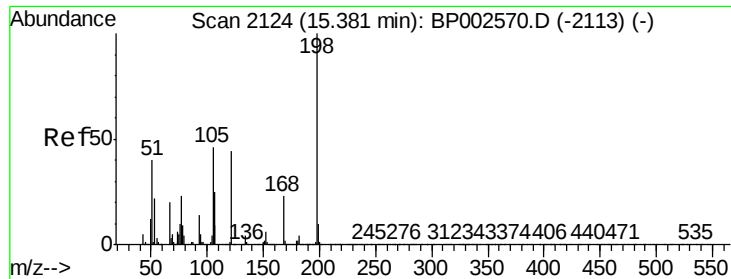
Tot Ion:139 Resp: 179
Ion Ratio Lower Upper
139 100
109 66.0 60.1 100.1
65 82.3 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Tgt Ion:188 Resp: 844197
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.2 8.2 12.4

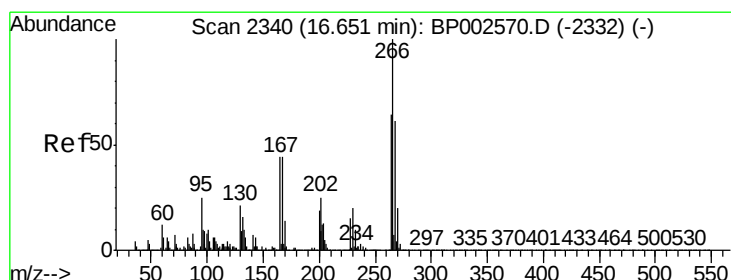
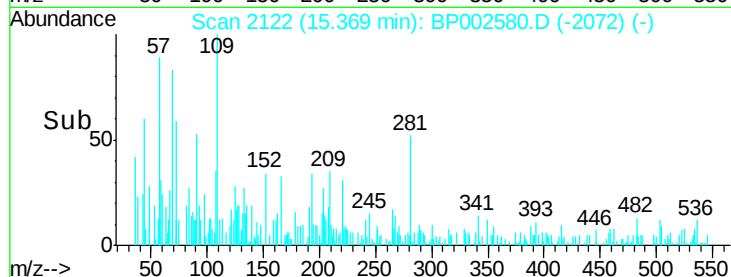
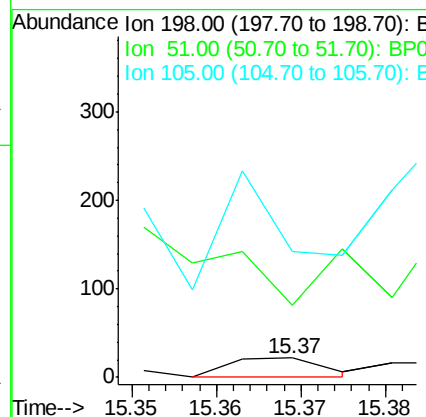
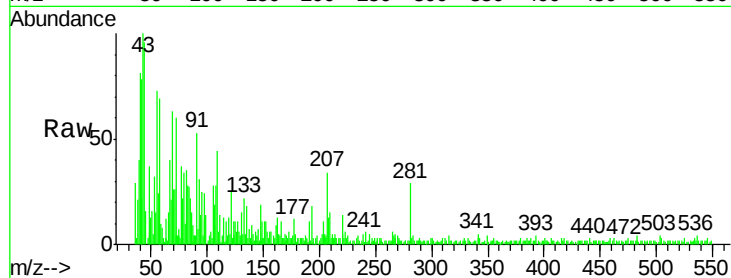




#65
4,6-Dinitro-2-methylphenol
Concen: 2.713 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

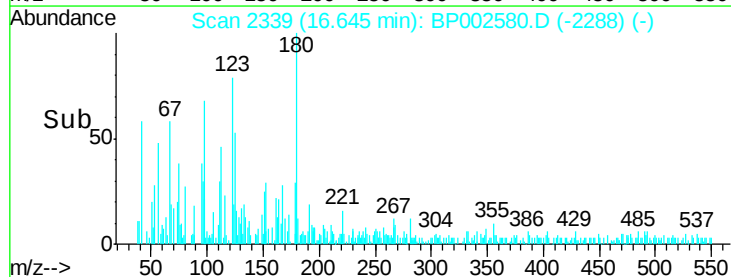
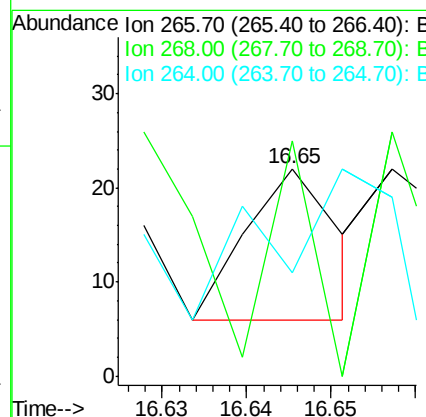
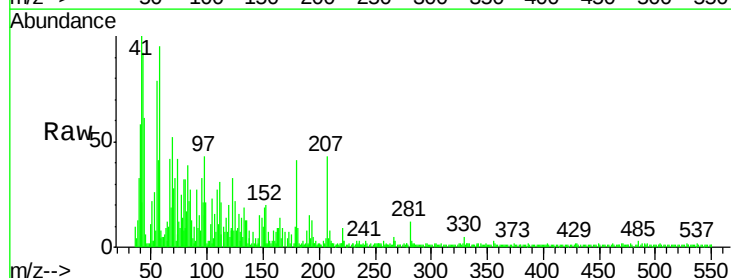
Instrument :
BNA_P
ClientSampleId :
SP2-L

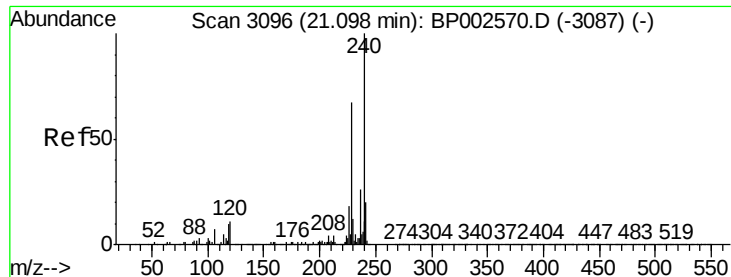
Tot Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 500.0 24.2 64.2#
105 650.0 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.664 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
268 113.6 49.7 74.5#
264 50.0 49.3 73.9

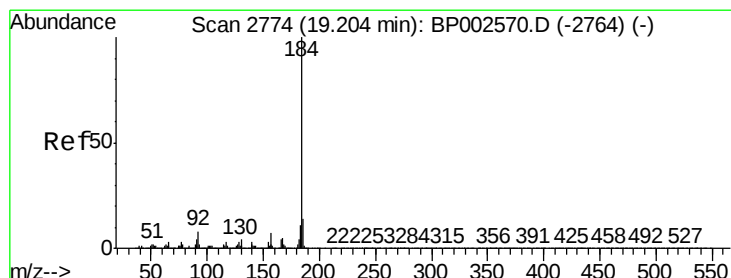
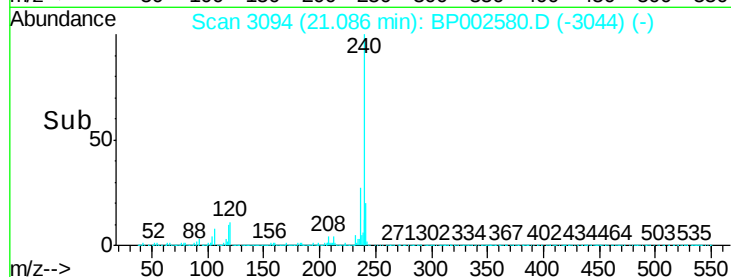
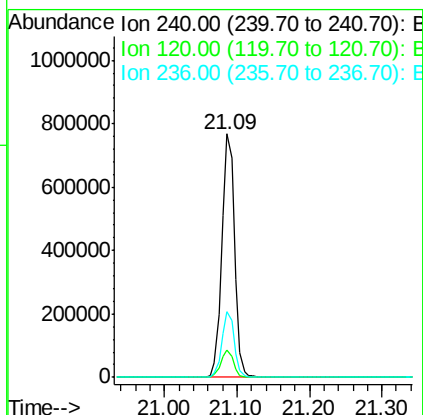
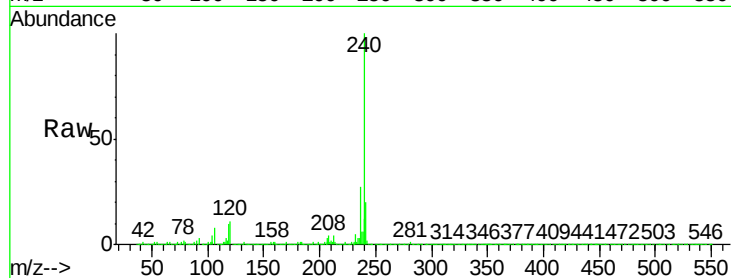




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

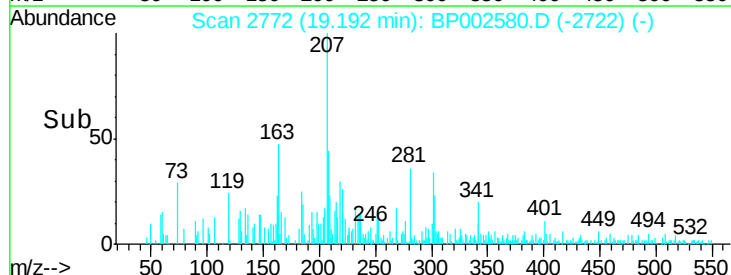
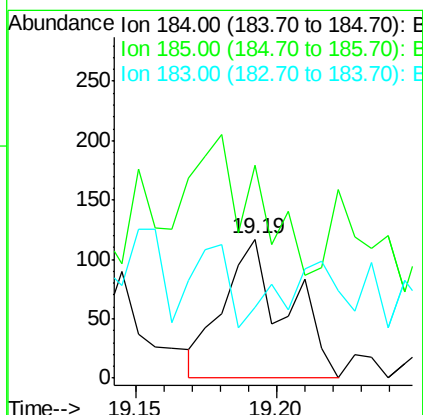
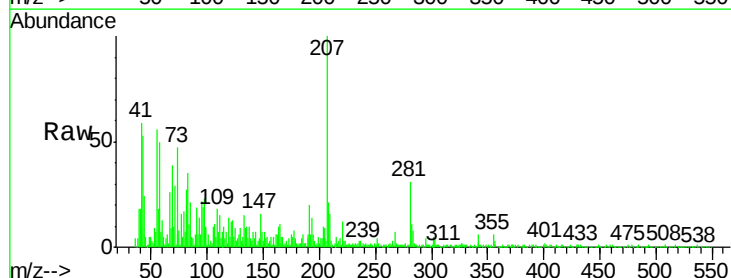
Instrument :
BNA_P
ClientSampled :
SP2-L

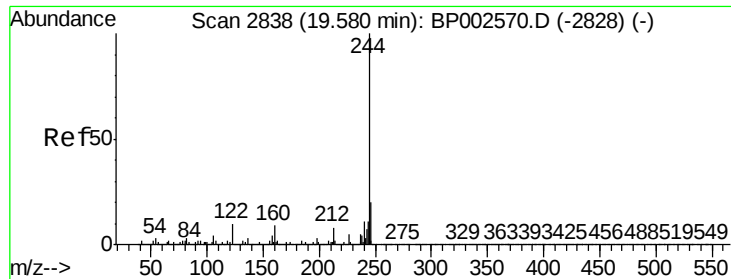
Tot Ion:240 Resp: 935722
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 26.9 20.8 31.2



#77
Benzidine
Concen: 3.760 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002580.D
Acq: 30 Jun 2020 18:02

Tgt Ion:184 Resp: 181
Ion Ratio Lower Upper
184 100
185 153.0 11.4 17.2#
183 51.3 9.2 13.8#





#79

Terphenyl-d14

Concen: 64.622 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

Instrument :

BNA_P

ClientSampled :

SP2-L

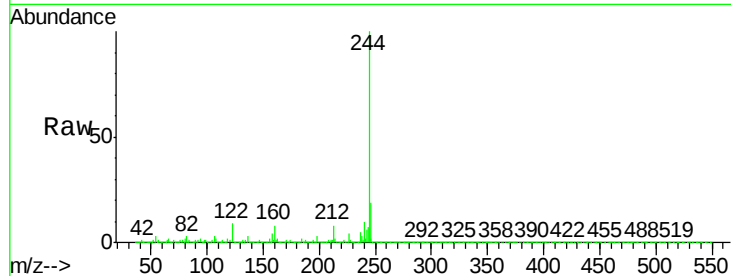
Tot Ion:244 Resp: 2801399

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

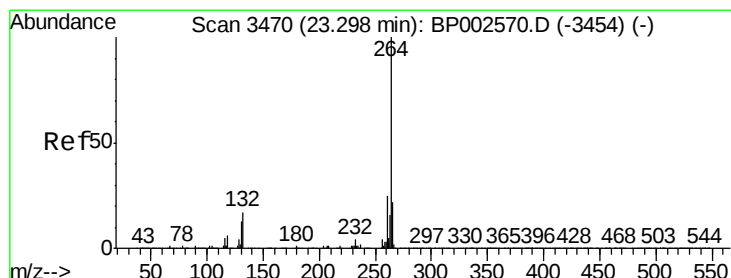
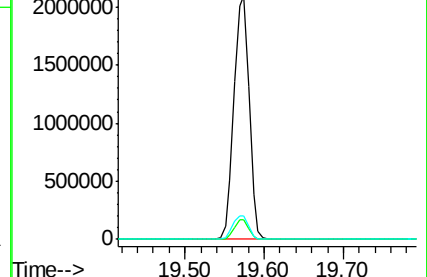
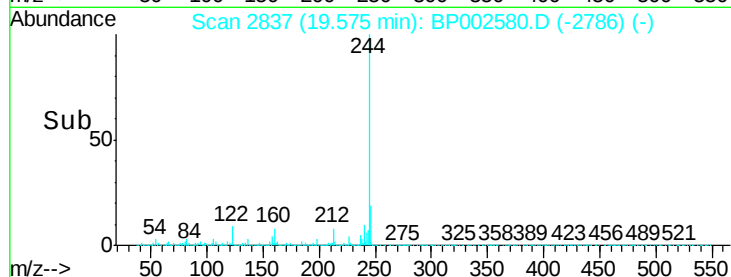
122 9.4 7.9 11.9



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

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002580.D

Acq: 30 Jun 2020 18:02

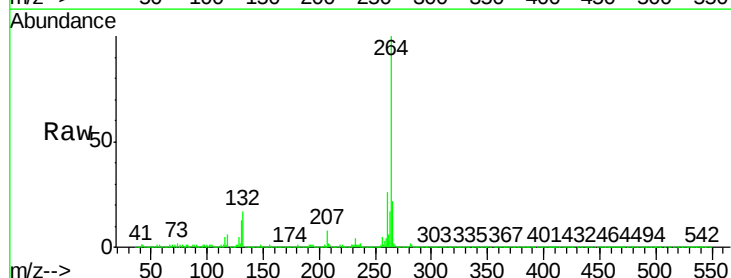
Tgt Ion:264 Resp: 869628

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

265 22.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

