

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002602.D
 Acq On : 01 Jul 2020 13:51
 Operator : CG/JU
 Sample : PB129897BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129897BL

Quant Time: Jul 01 14:21:05 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

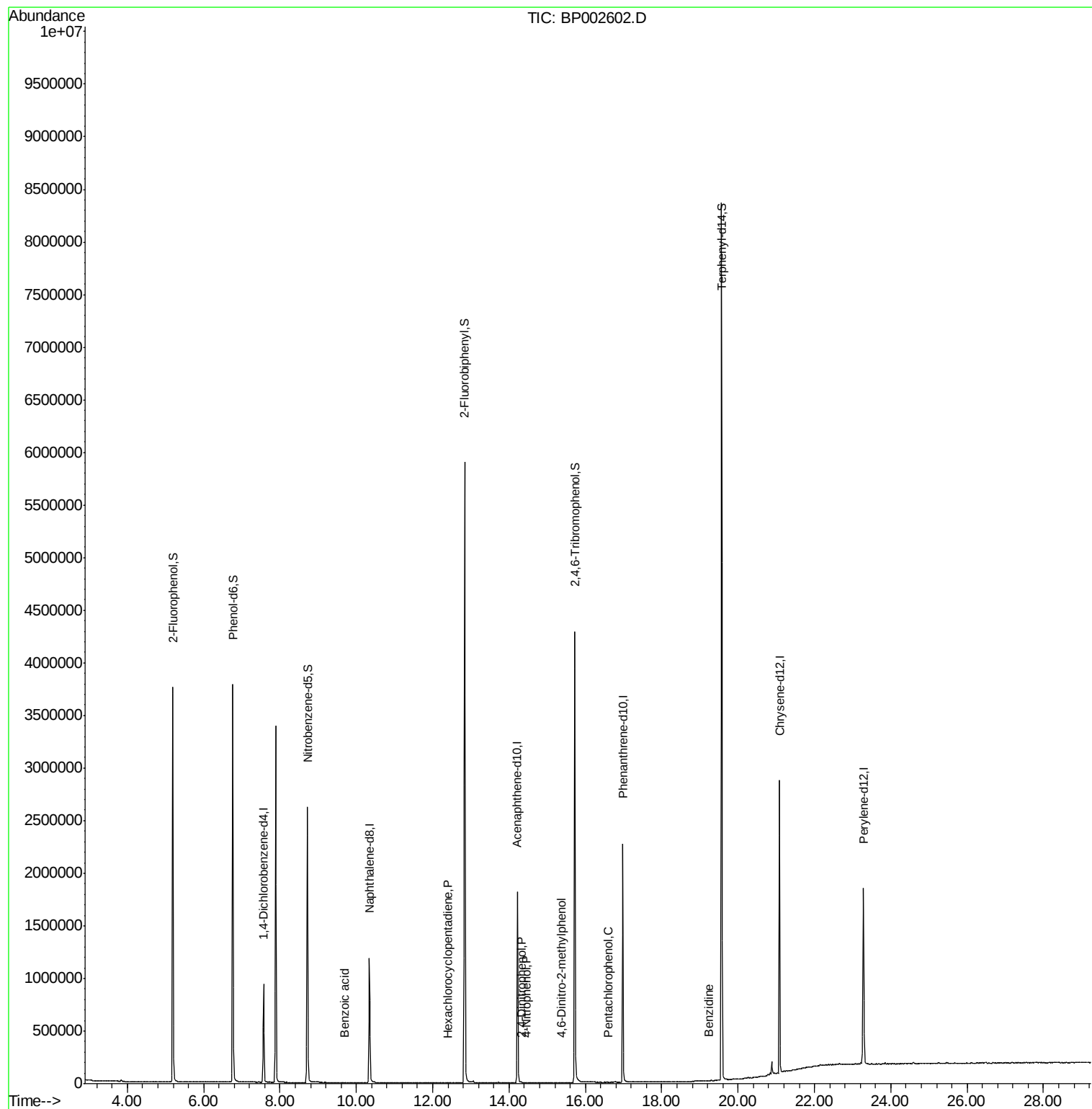
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	249944	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1021997	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	647482	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1398383	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1296469	20.00	ng	0.00
86) Perylene-d12	23.28	264	1133975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1726499	116.95	ng	0.00
7) Phenol-d6	6.76	99	2274640	110.40	ng	0.00
23) Nitrobenzene-d5	8.72	82	1575595	79.44	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	844788	107.27	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3301283	75.04	ng	0.00
79) Terphenyl-d14	19.57	244	4455026	74.17	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	11	8.700	ng	# 1
41) Hexachlorocyclopentadiene	12.39	237	10	4.382	ng	# 47
54) 2,4-Dinitrophenol	14.33	184	34	6.014	ng	# 70
56) 4-Nitrophenol	14.45	139	23	2.438	ng	# 42
65) 4,6-Dinitro-2-methylphenol	15.37	198	14	2.711	ng	# 1
70) Pentachlorophenol	16.61	266	37	2.665	ng	# 90
77) Benzidine	19.23	184	396	3.763	ng	# 91

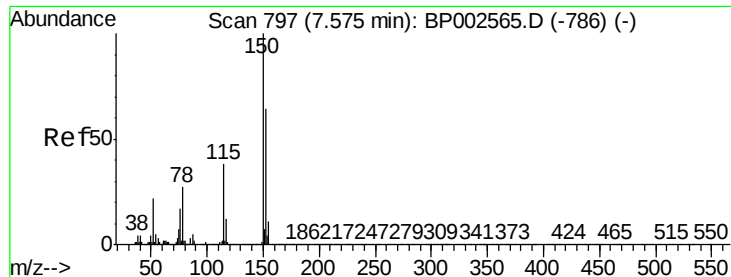
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002602.D
Acq On : 01 Jul 2020 13:51
Operator : CG/JU
Sample : PB129897BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129897BL

Quant Time: Jul 01 14:21:05 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



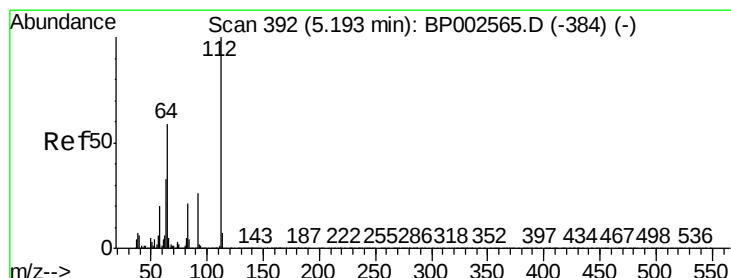
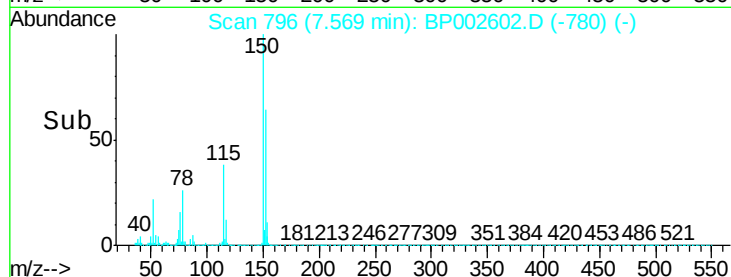
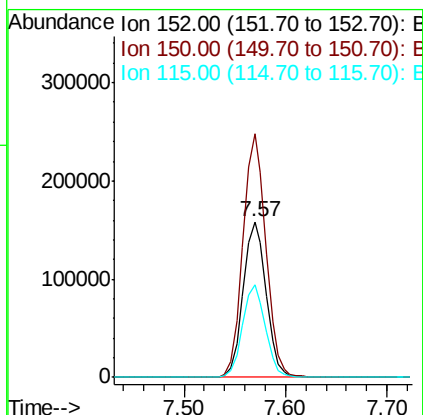
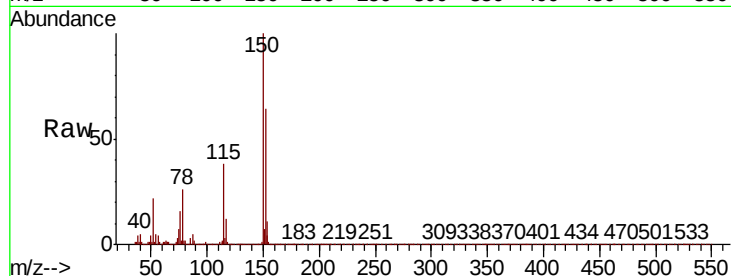


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

Instrument :
BNA_P
ClientSampleId :
PB129897BL

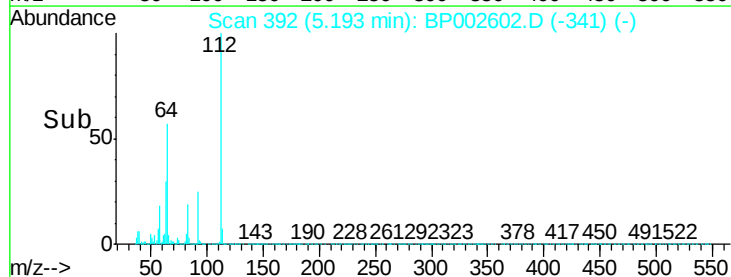
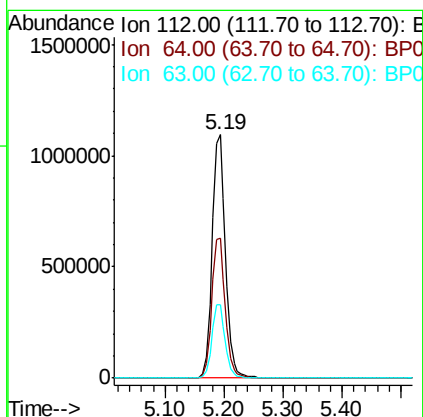
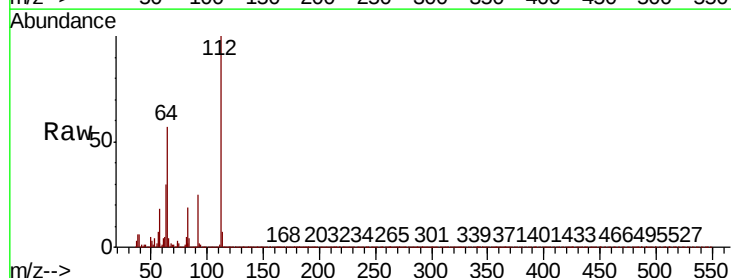
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.5	47.1	70.7

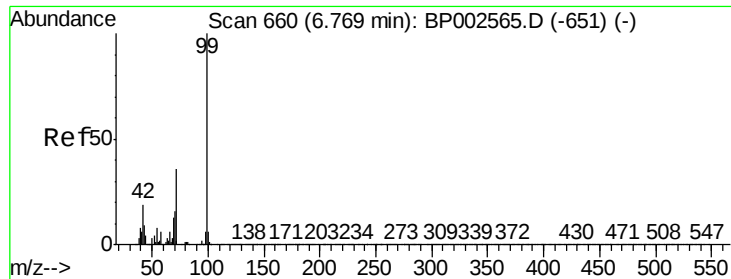


#5

2-Fluorophenol
Concen: 116.953 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.0	70.6
63	30.0	26.1	39.1





#7

Phenol-d6

Concen: 110.395 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

Instrument :

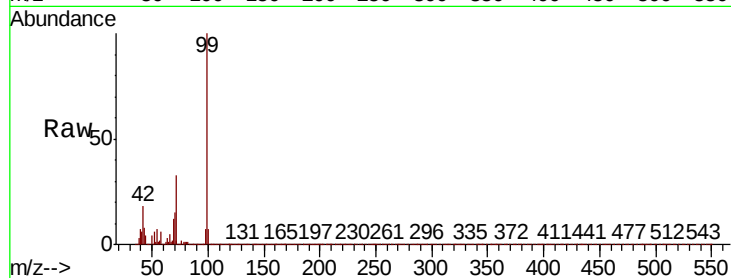
BNA_P

ClientSampleId :

PB129897BL

Tot Ion: 99 Resp: 2274640

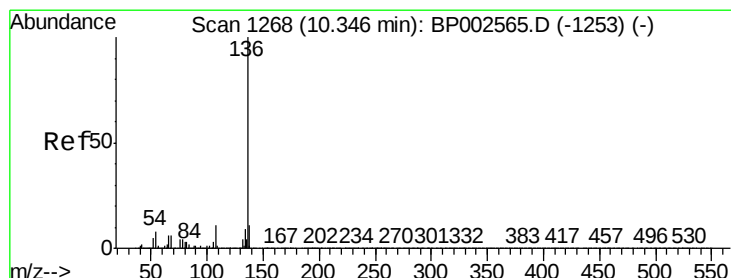
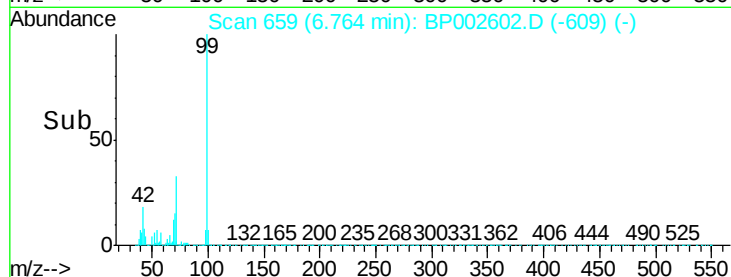
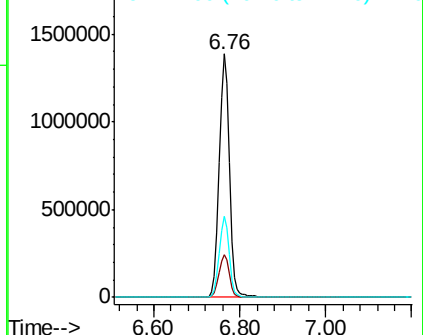
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	33.1	28.9	43.3



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

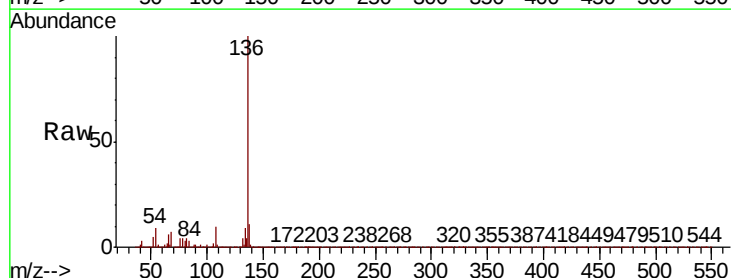
Delta R.T. -0.01 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

Tgt Ion: 136 Resp: 1021997

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	7.1	5.1	7.7

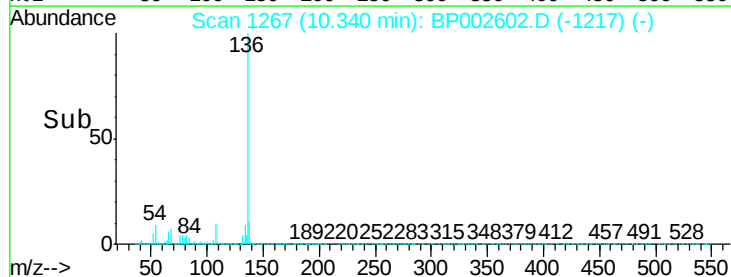
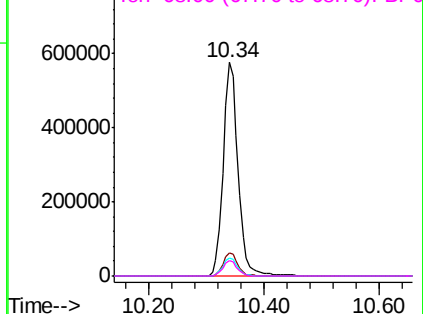


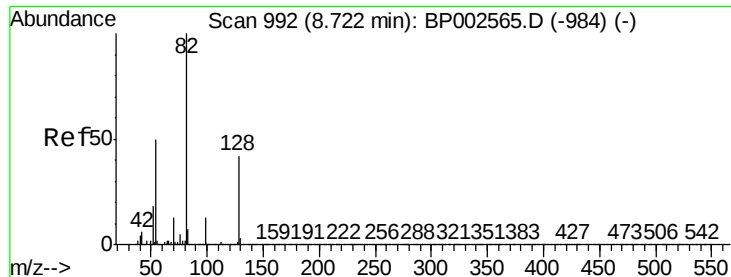
Abundance Ion 136.00 (135.70 to 136.70): E

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

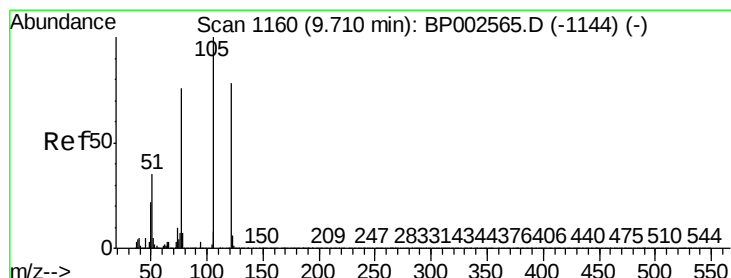
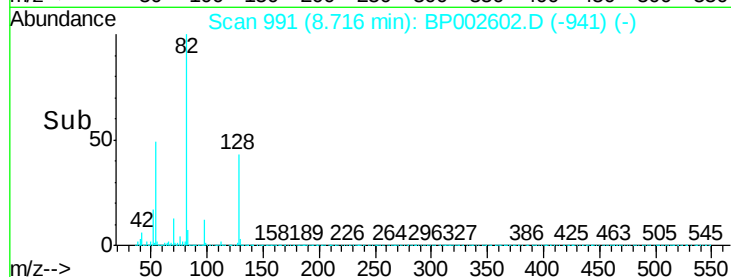
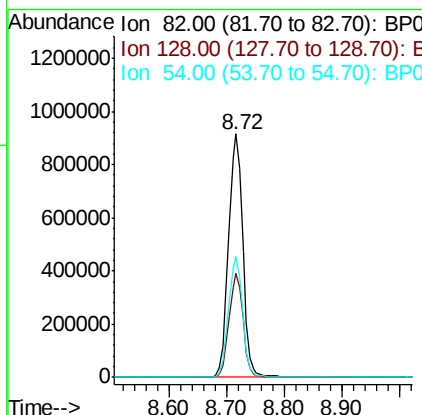
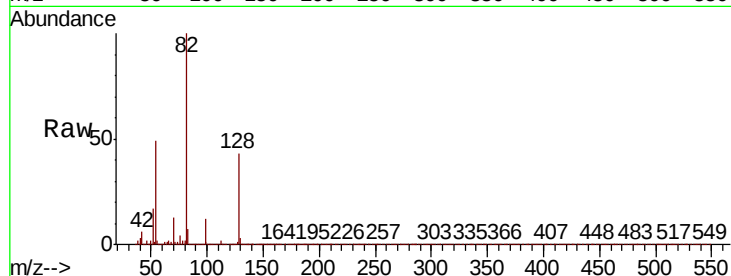




#23
 Nitrobenzene-d5
 Concen: 79.436 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002602.D
 Acq: 01 Jul 2020 13:51

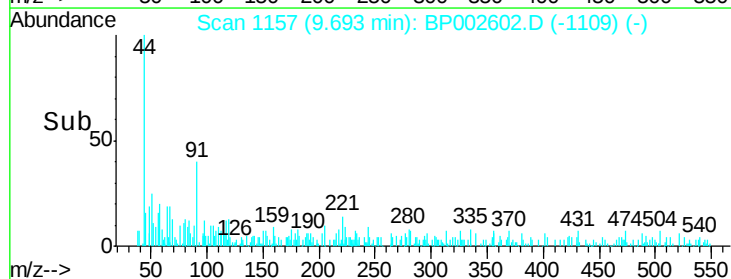
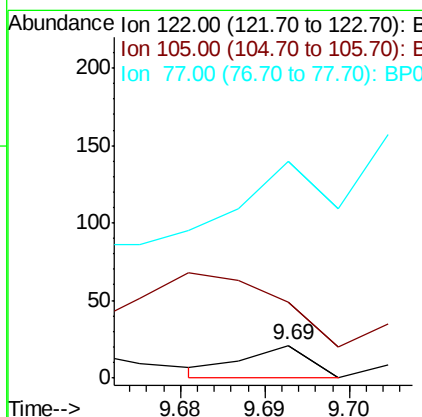
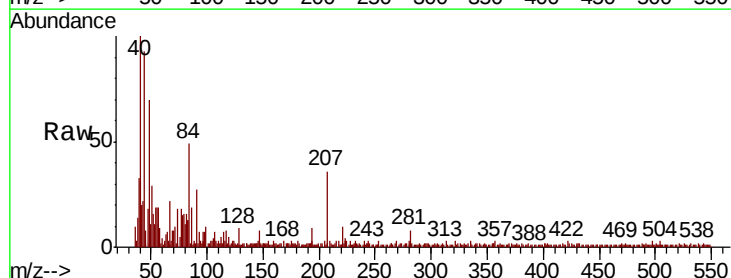
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BL

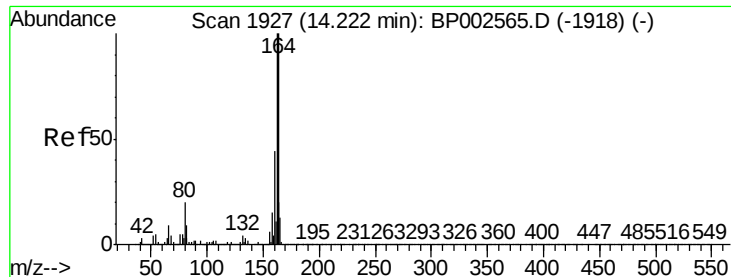
Tot Ion: 82 Resp: 1575595
 Ion Ratio Lower Upper
 82 100
 128 42.6 33.4 50.2
 54 49.4 40.1 60.1



#32
 Benzoic acid
 Concen: 8.700 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BP002602.D
 Acq: 01 Jul 2020 13:51

Tgt Ion: 122 Resp: 11
 Ion Ratio Lower Upper
 122 100
 105 233.3 106.6 146.6#
 77 666.7 76.5 116.5#

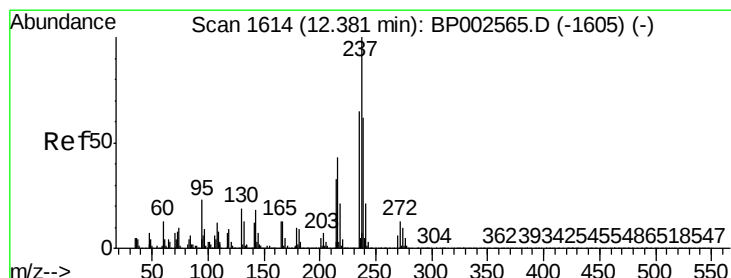
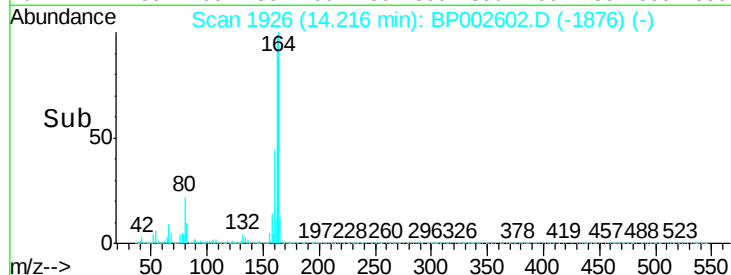
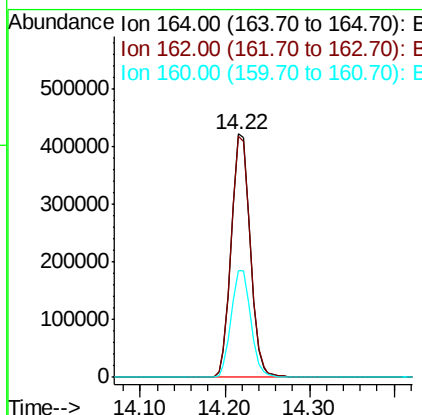
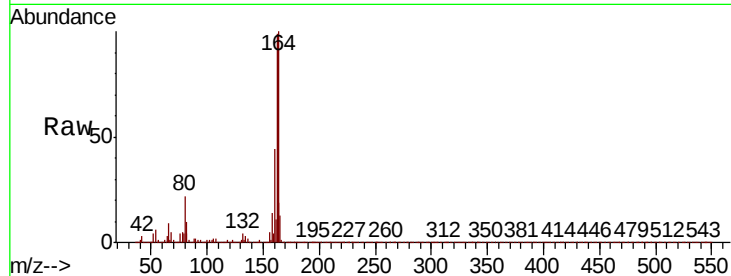




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

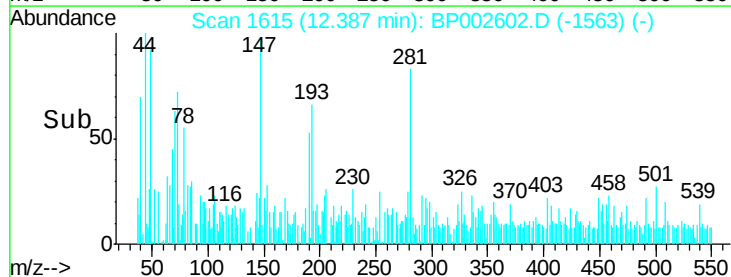
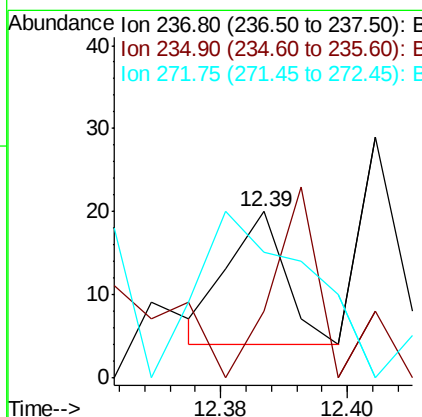
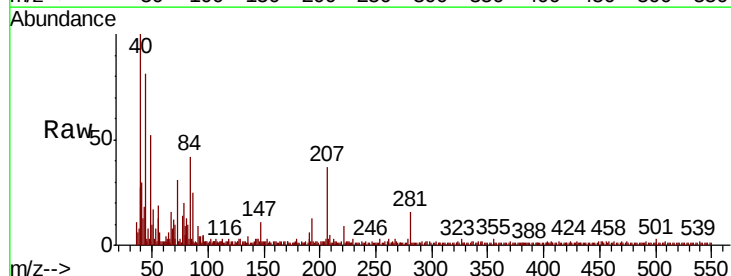
Instrument :
BNA_P
ClientSampled :
PB129897BL

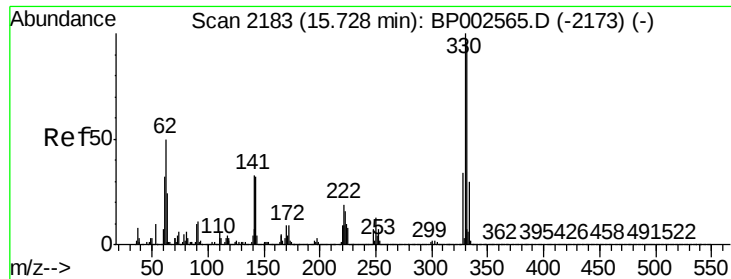
Tot Ion:164 Resp: 647482
Ion Ratio Lower Upper
164 100
162 98.8 80.3 120.5
160 43.9 35.0 52.6



#41
Hexachlorocyclopentadiene
Concen: 4.382 ng
RT: 12.39 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 40.0 45.4 85.4#
272 75.0 0.0 32.6#

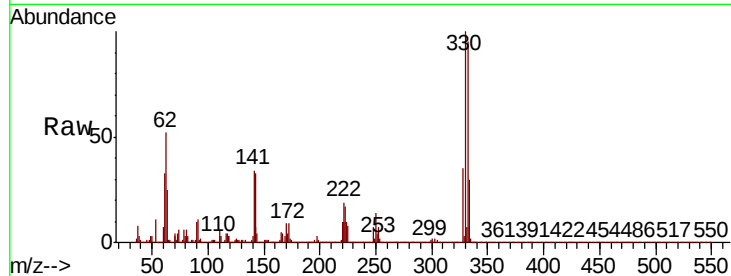




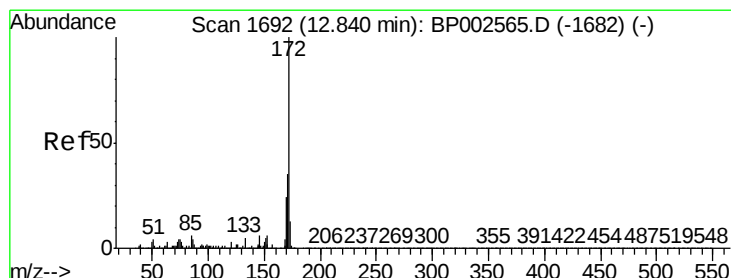
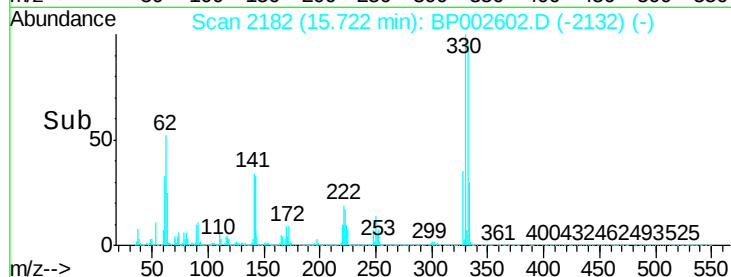
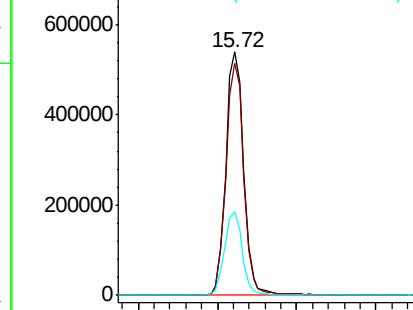
#42
 2,4,6-Tribromophenol
 Concen: 107.272 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002602.D
 Acq: 01 Jul 2020 13:51

Instrument :
 BNA_P
 ClientSampleId :
 PB129897BL

Tot Ion:330 Resp: 844788
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.7 116.5
 141 34.4 29.0 43.6

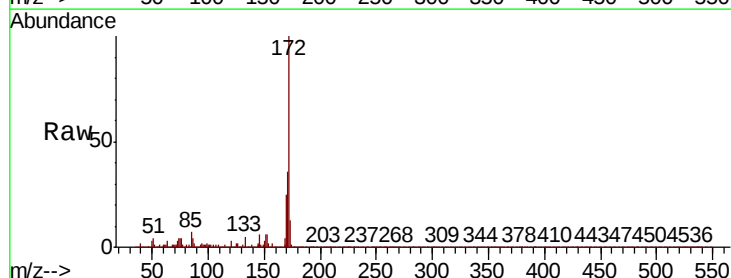


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

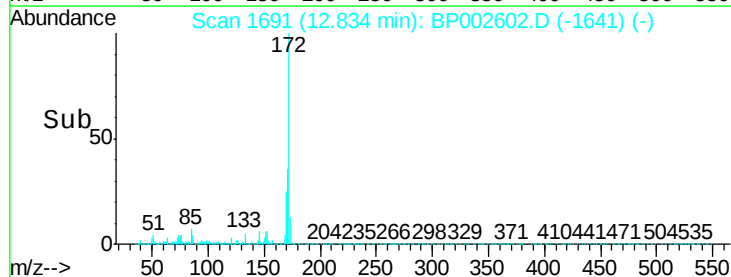
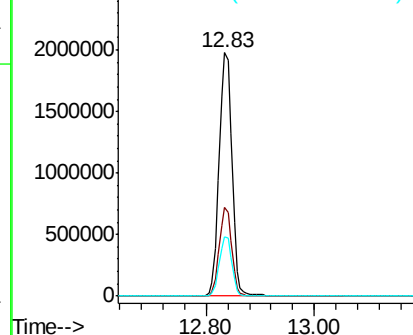


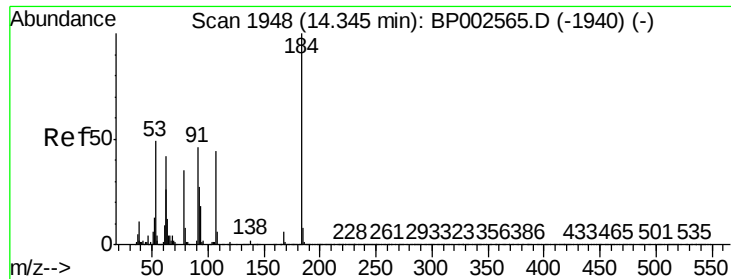
#45
 2-Fluorobiphenyl
 Concen: 75.044 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002602.D
 Acq: 01 Jul 2020 13:51

Tgt Ion:172 Resp: 3301283
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.0 42.0
 170 24.5 19.0 28.4



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

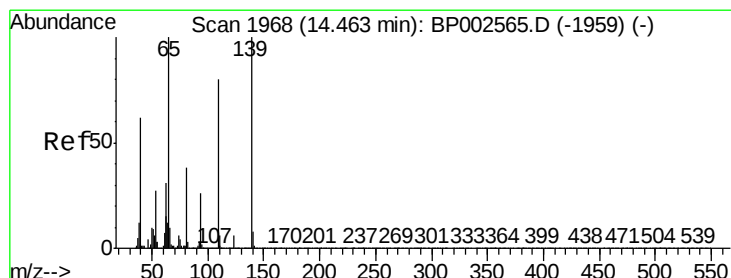
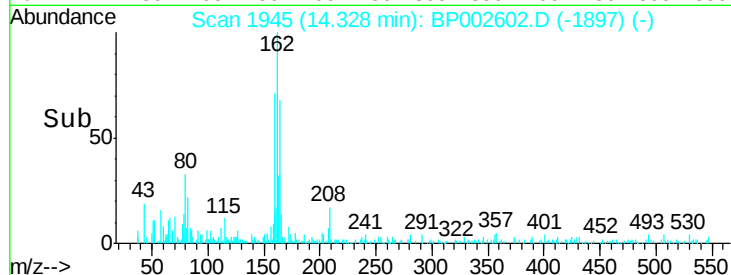
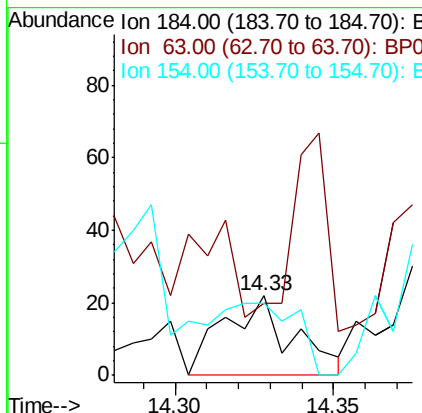
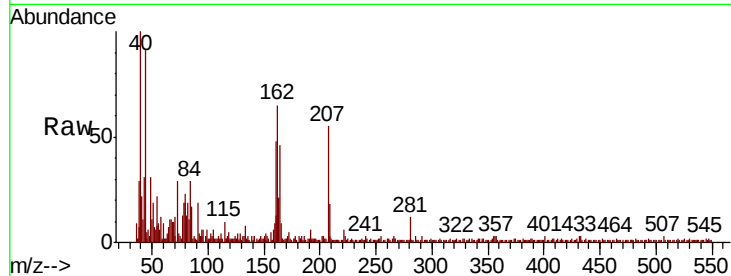




#54
2,4-Dinitrophenol
Concen: 6.014 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

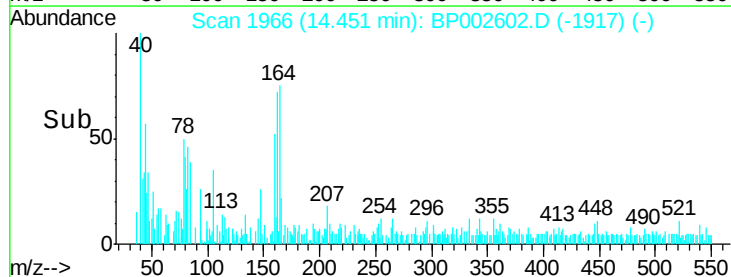
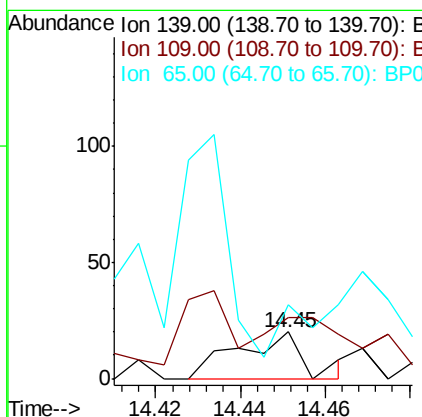
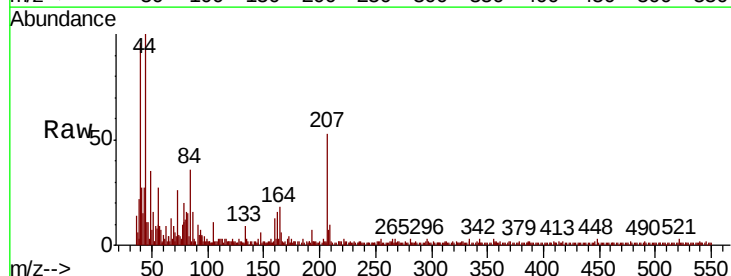
Instrument :
BNA_P
ClientSampleId :
PB129897BL

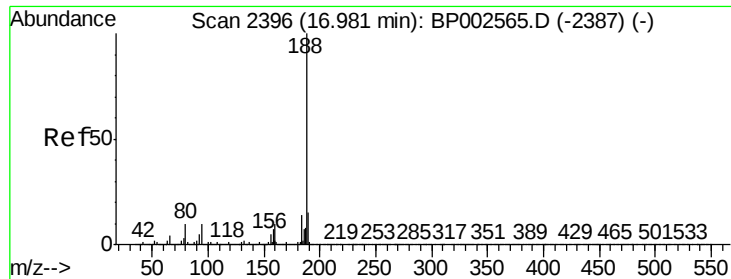
Tot Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 90.9 56.2 84.2#
154 90.9 50.9 76.3#



#56
4-Nitrophenol
Concen: 2.438 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BP002602.D
Acq: 01 Jul 2020 13:51

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 130.0 60.1 100.1#
65 160.0 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: BP002602.D

Acq: 01 Jul 2020 13:51

Instrument :

BNA_P

ClientSampleId :

PB129897BL

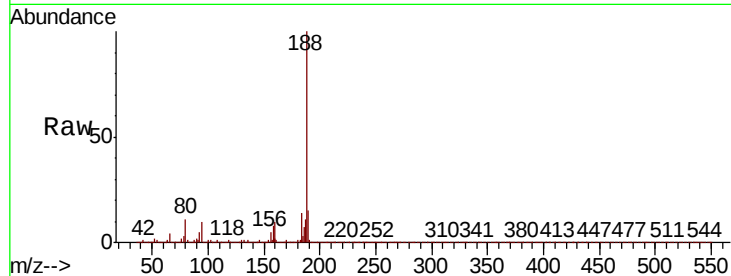
Tot Ion:188 Resp: 1398383

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

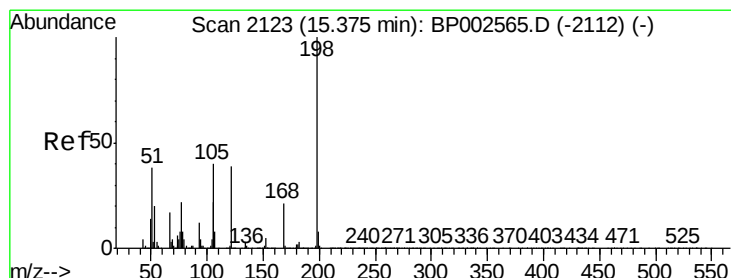
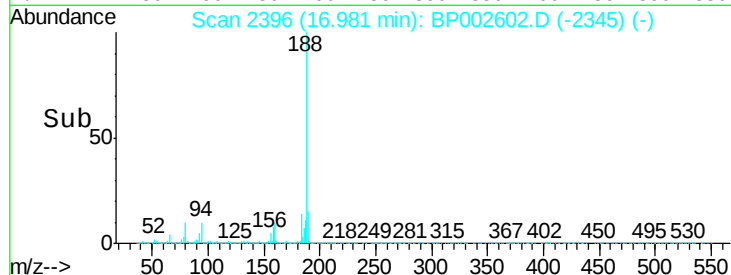
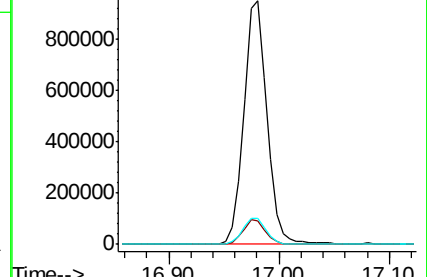
80 10.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 2.711 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

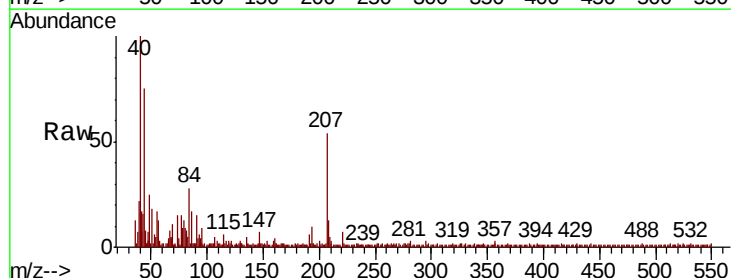
Tgt Ion:198 Resp: 14

Ion Ratio Lower Upper

198 100

51 819.0 24.2 64.2#

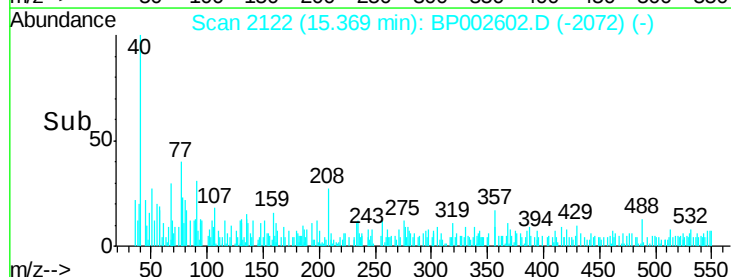
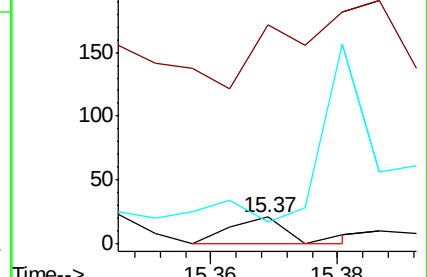
105 81.0 20.7 60.7#

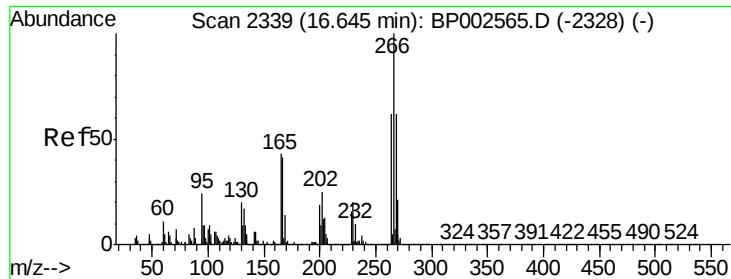


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#70

Pentachlorophenol

Concen: 2.665 ng

RT: 16.61 min Scan# 2333

Delta R.T. -0.03 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

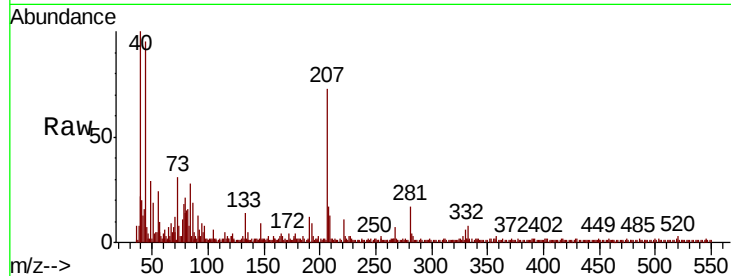
Instrument :

BNA_P

ClientSampled :

PB129897BL

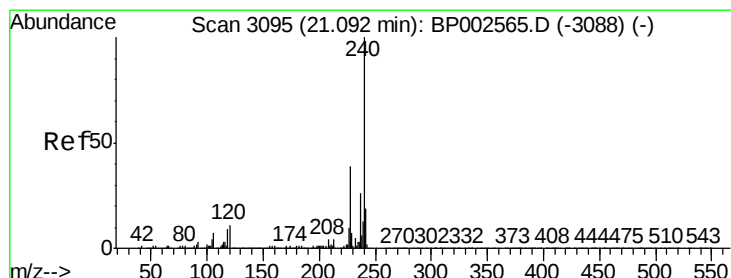
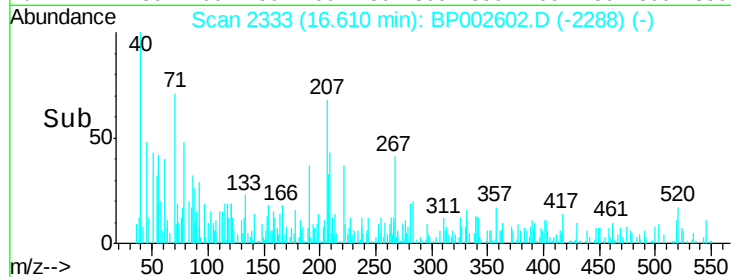
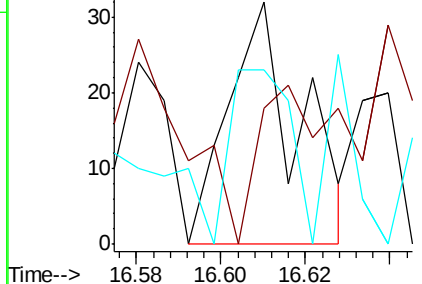
Tot Ion:	266	Resp:	37
Ion	Ratio	Lower	Upper
266	100		
268	56.3	49.7	74.5
264	71.9	49.3	73.9



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

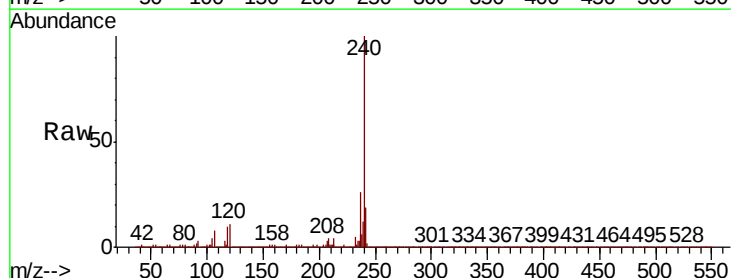
RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

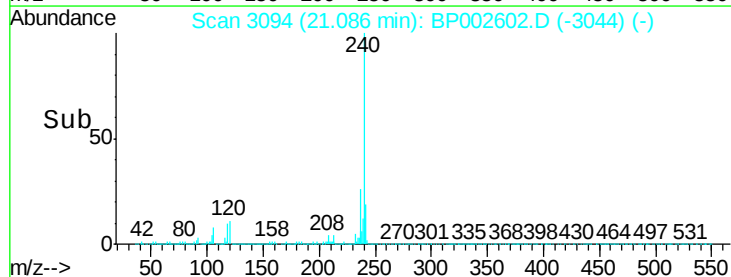
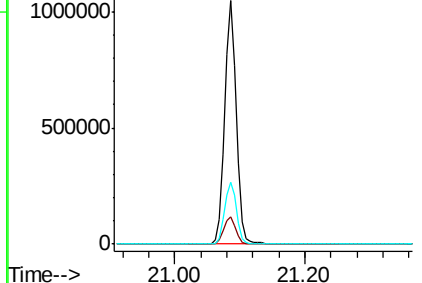
Tgt Ion:	240	Resp:	1296469
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.6	13.0
236	25.5	20.8	31.2

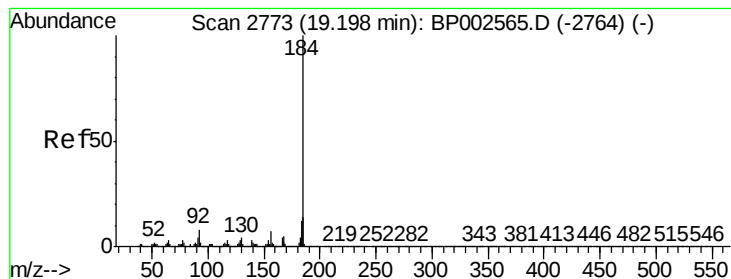


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.763 ng

RT: 19.23 min Scan# 2778

Delta R.T. 0.03 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

Instrument :

BNA_P

ClientSampleId :

PB129897BL

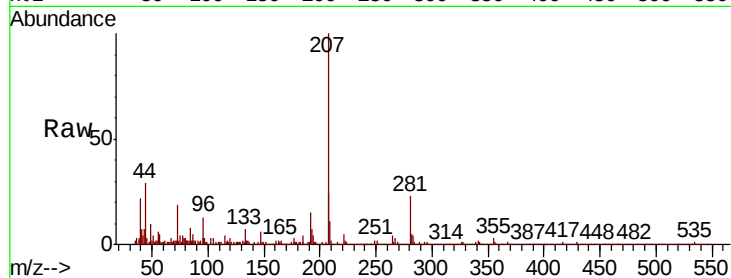
Tot Ion:184 Resp: 396

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

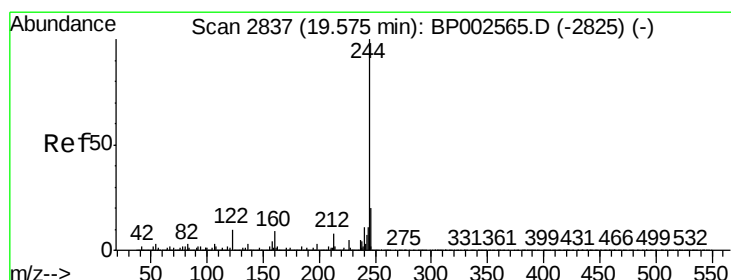
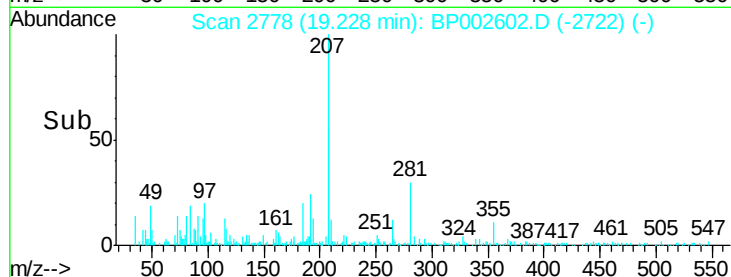
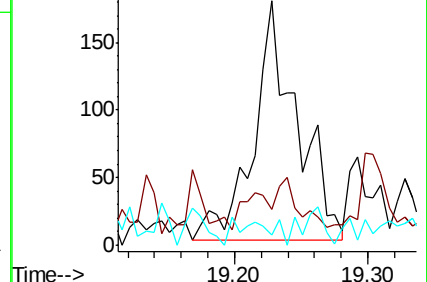
183 3.9 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 74.172 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002602.D

Acq: 01 Jul 2020 13:51

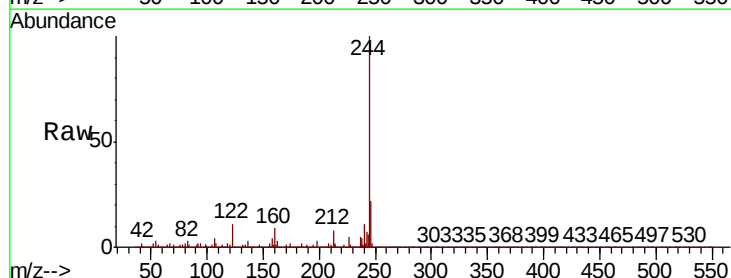
Tgt Ion:244 Resp: 4455026

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

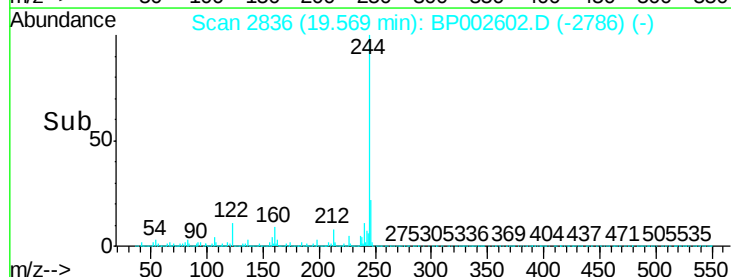
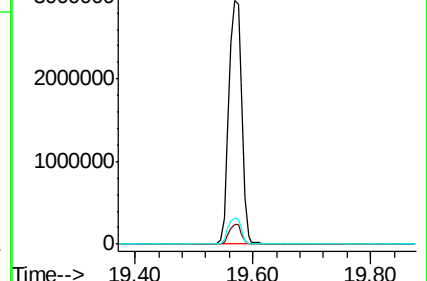
122 10.7 7.9 11.9

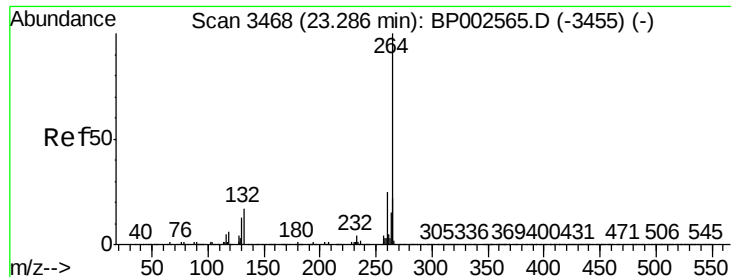


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.28 min Scan# 3467
 Delta R.T. -0.01 min
 Lab File: BP002602.D
 Acq: 01 Jul 2020 13:51

Instrument :
 BNA_P
 ClientSampleId :
 PB129897BL

Tot Ion: 264 Resp: 1133975

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	21.0	17.6	26.4

