

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002704.D
 Acq On : 09 Jul 2020 19:05
 Operator : CG/JU
 Sample : PB130070BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BL

Quant Time: Jul 10 00:26:40 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

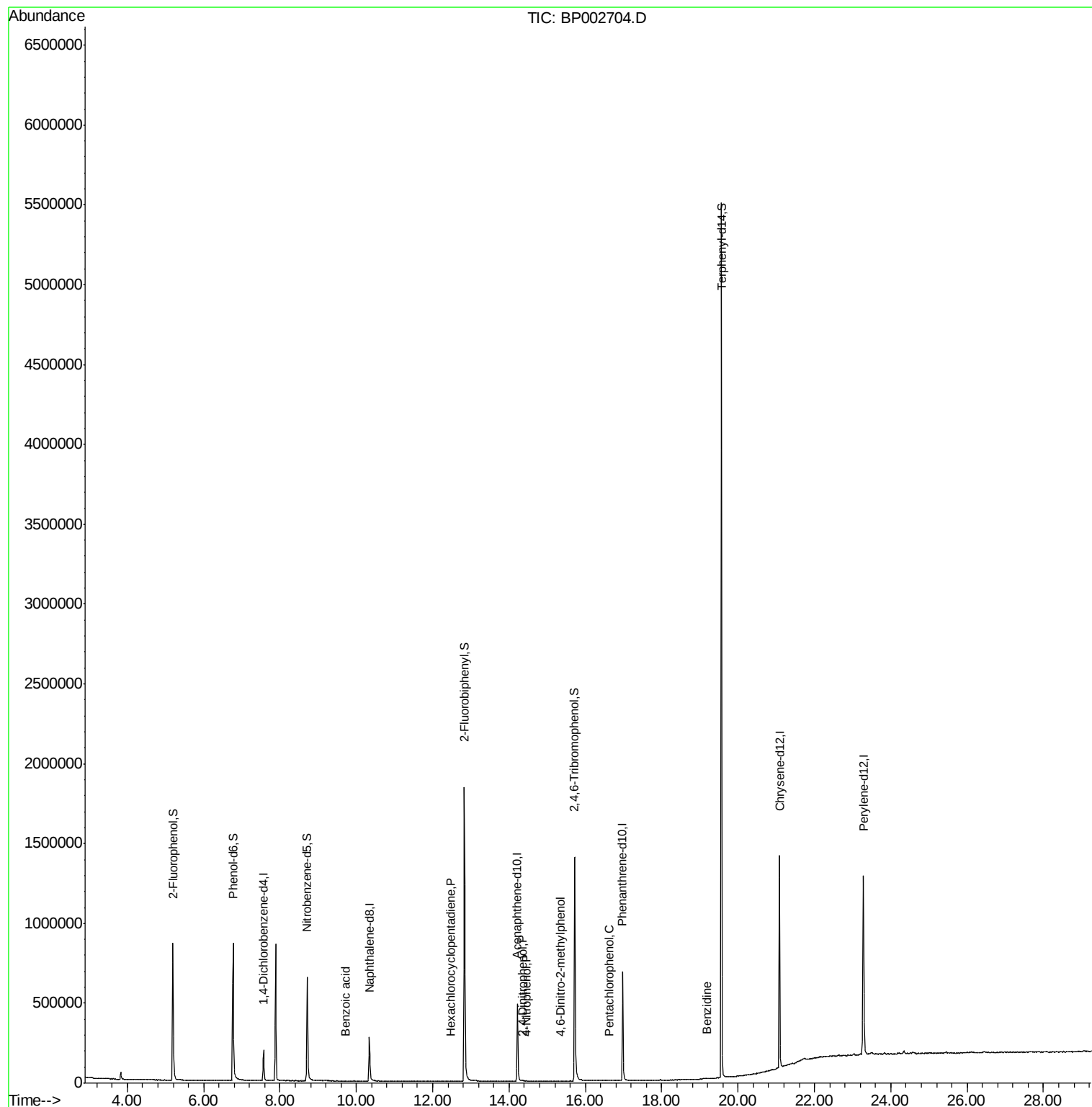
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56503	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	256145	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	183268	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	453290	20.00	ng	0.00
76) Chrysene-d12	21.09	240	630279	20.00	ng	0.00
86) Perylene-d12	23.28	264	793545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	436673	130.85	ng	0.00
7) Phenol-d6	6.77	99	625202	134.22	ng	0.00
23) Nitrobenzene-d5	8.71	82	438209	88.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	291770	130.89	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1122005	90.11	ng	-0.01
79) Terphenyl-d14	19.56	244	2612808	89.48	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	219	Below Cal	Qvalue	# 41
32) Benzoic acid	9.72	122	13	8.703 ng	#	1
41) Hexachlorocyclopentadiene	12.46	237	30	4.391 ng	#	77
54) 2,4-Dinitrophenol	14.35	184	7	6.012 ng	#	1
56) 4-Nitrophenol	14.44	139	16	2.442 ng	#	3
65) 4,6-Dinitro-2-methylphenol	15.35	198	16	2.715 ng	#	1
70) Pentachlorophenol	16.62	266	37	2.673 ng	#	81
77) Benzidine	19.18	184	109	3.760 ng	#	93

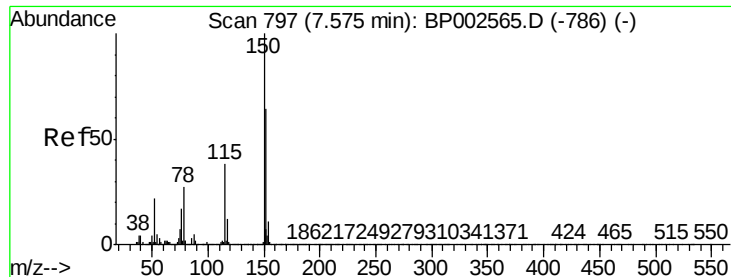
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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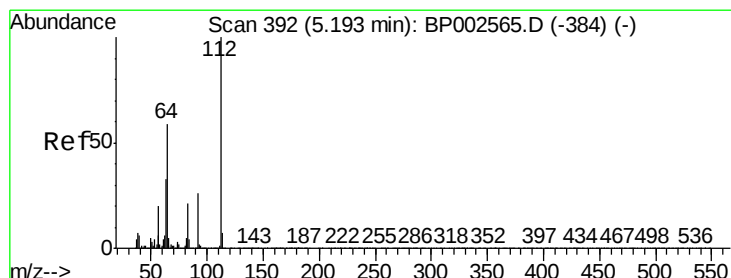
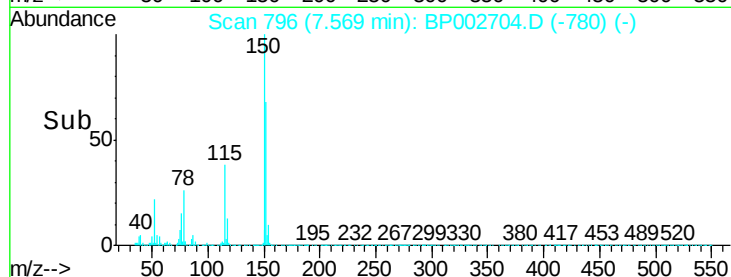
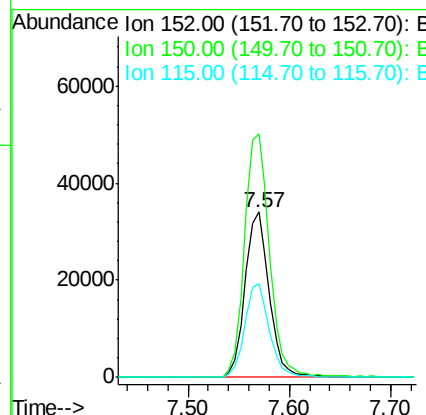
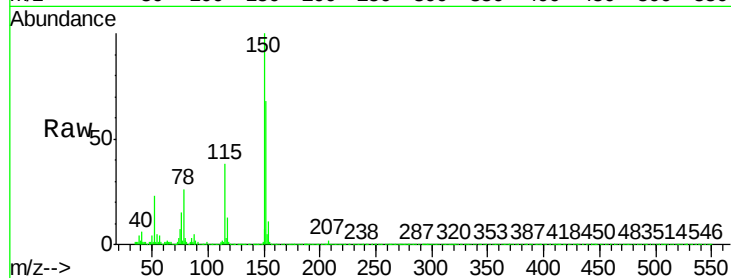


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

Instrument :
BNA_P
ClientSampleId :
PB130070BL

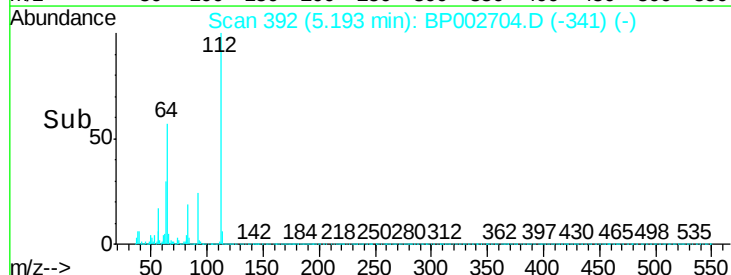
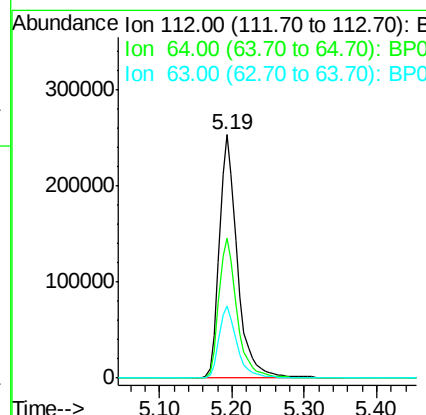
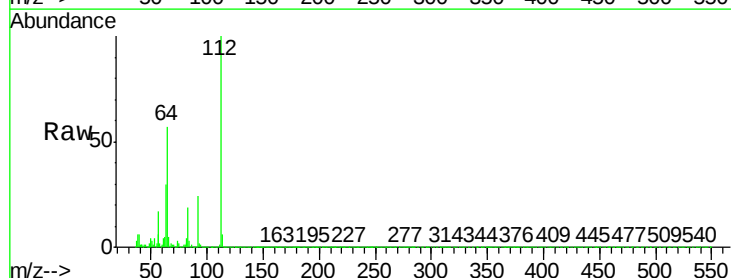
Tot Ion	152	Resp	56503
Ion Ratio	Lower	Upper	
152	100		
150	147.3	124.2	186.2
115	56.5	47.1	70.7

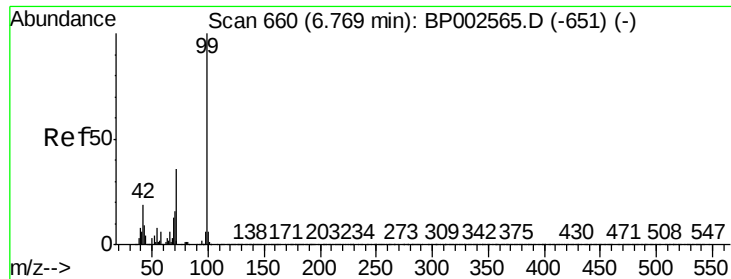


#5

2-Fluorophenol
Concen: 130.849 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

Tgt Ion	112	Resp	436673
Ion Ratio	Lower	Upper	
112	100		
64	57.4	47.0	70.6
63	29.6	26.1	39.1





#7

Phenol-d6

Concen: 134.224 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

Instrument :

BNA_P

ClientSampleId :

PB130070BL

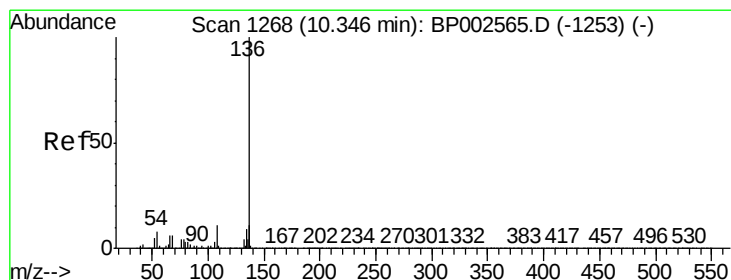
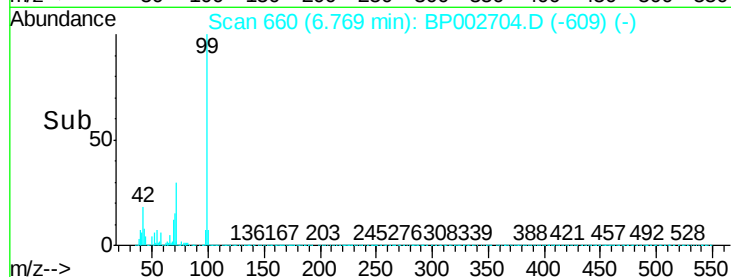
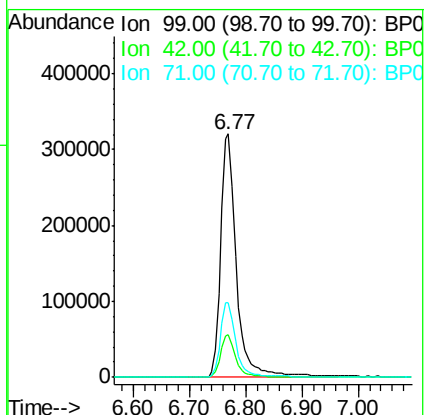
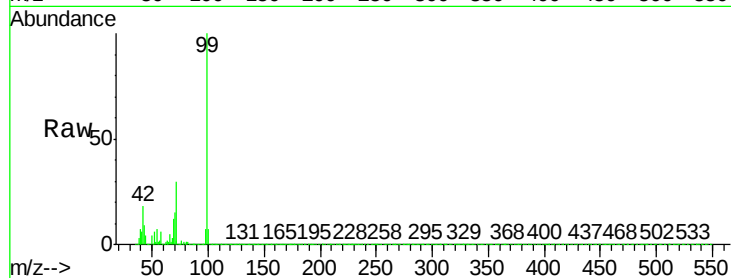
Tot Ion: 99 Resp: 625202

Ion Ratio Lower Upper

99 100

42 17.6 15.5 23.3

71 30.4 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

Tgt Ion: 136 Resp: 256145

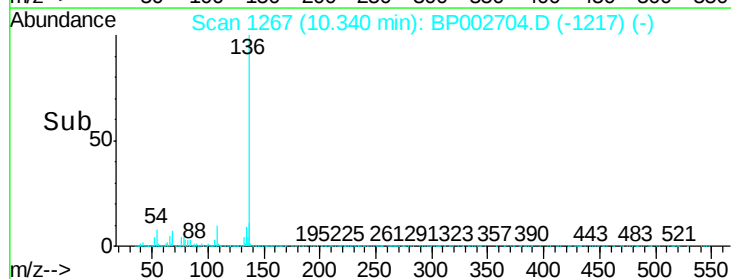
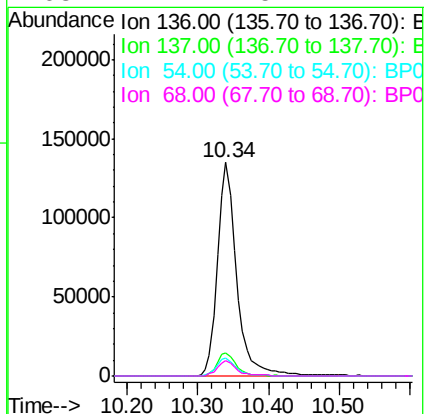
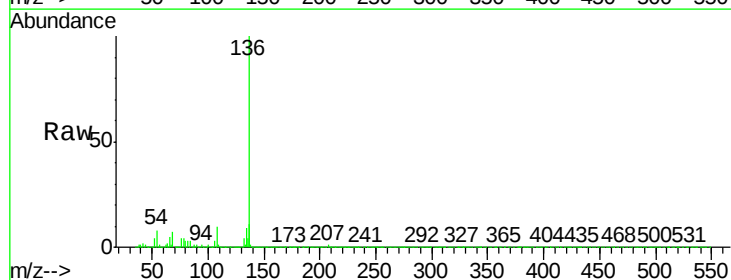
Ion Ratio Lower Upper

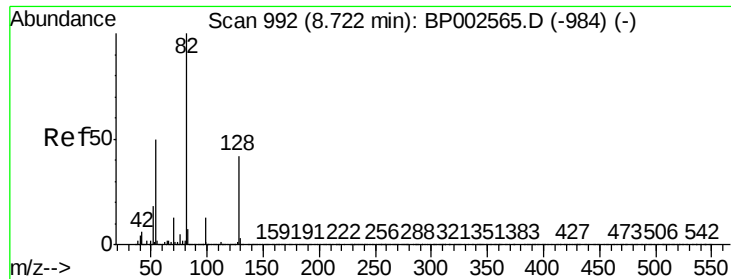
136 100

137 10.5 8.8 13.2

54 8.5 6.4 9.6

68 7.2 5.1 7.7

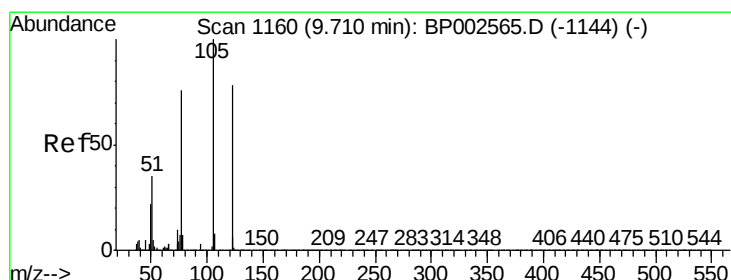
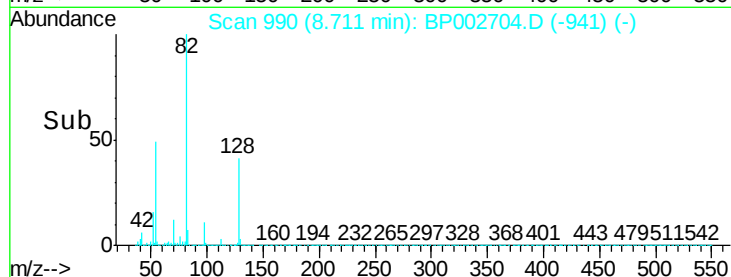
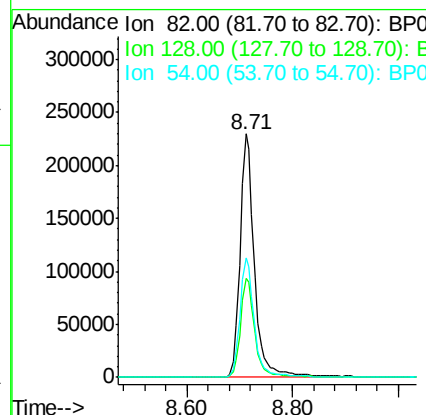
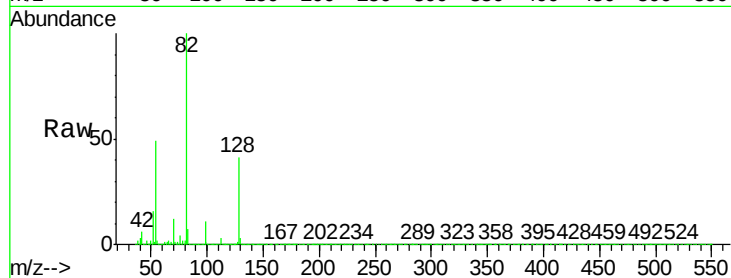




#23
Nitrobenzene-d5
Concen: 88.149 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

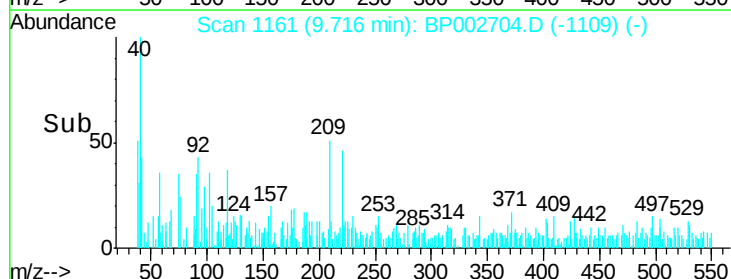
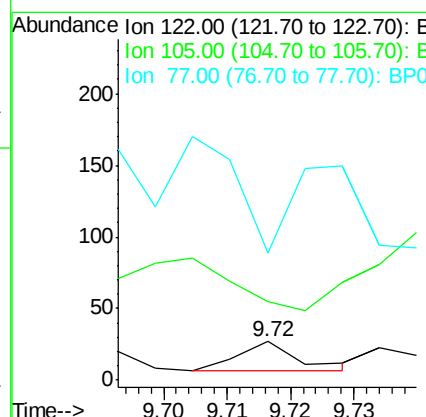
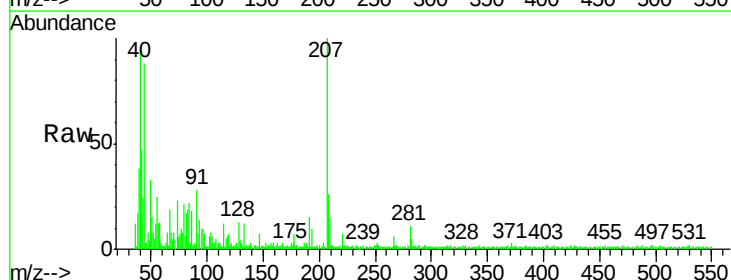
Instrument :
BNA_P
ClientSampleId :
PB130070BL

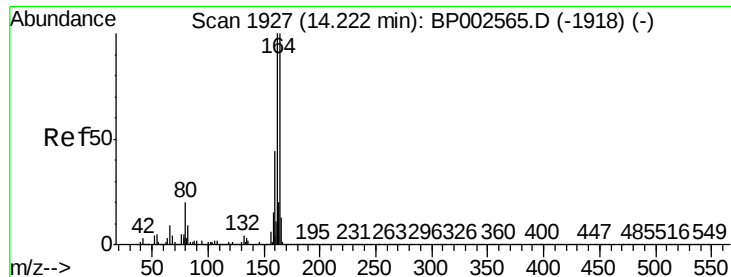
Tot Ion	82	Resp	438209
Ion Ratio	100	Lower	Upper
128	40.7	33.4	50.2
54	49.1	40.1	60.1



#32
Benzoic acid
Concen: 8.703 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

Tgt Ion	122	Resp	13
Ion Ratio	100	Lower	Upper
105	203.7	106.6	146.6#
77	329.6	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: BP002704.D

Acq: 09 Jul 2020 19:05

Instrument :

BNA_P

ClientSampleId :

PB130070BL

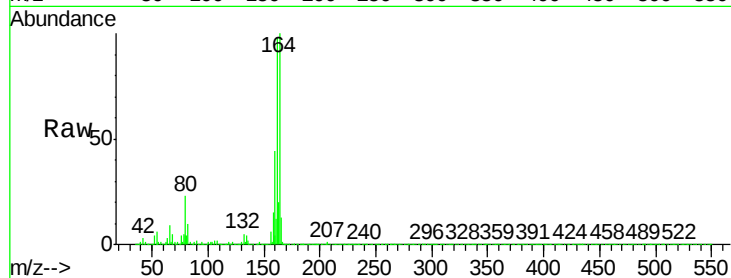
Tot Ion:164 Resp: 183268

Ion Ratio Lower Upper

164 100

162 97.8 80.3 120.5

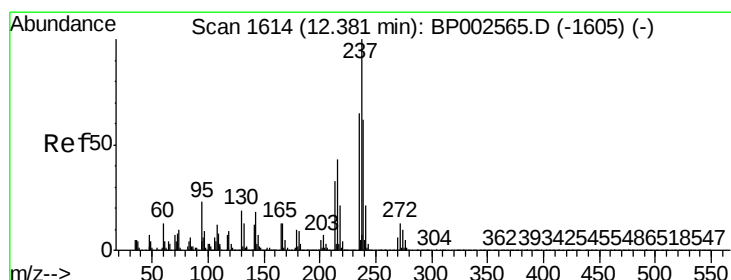
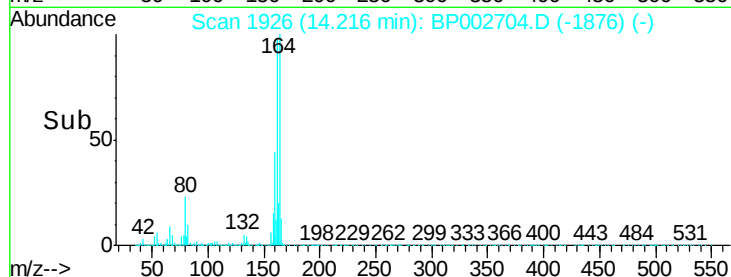
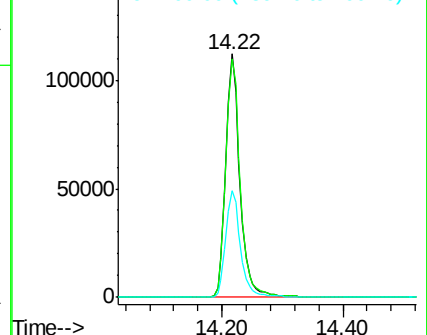
160 43.8 35.0 52.6



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: 4.391 ng

RT: 12.46 min Scan# 1628

Delta R.T. 0.08 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

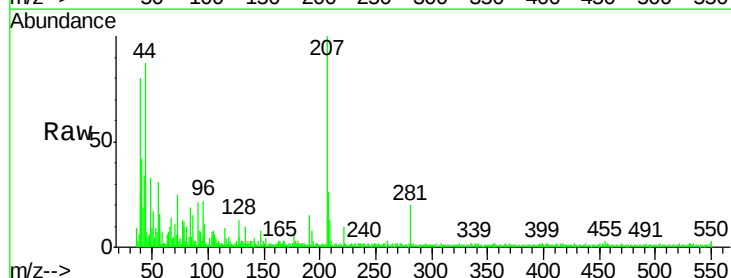
Tgt Ion:237 Resp: 30

Ion Ratio Lower Upper

237 100

235 82.6 45.4 85.4

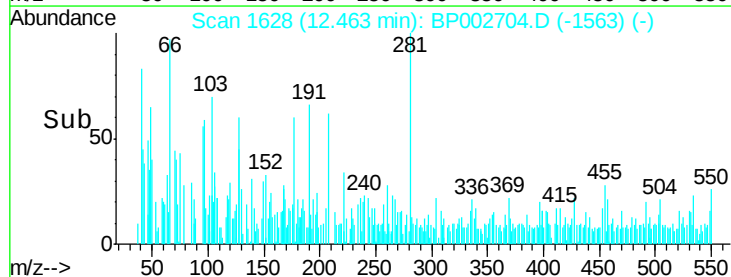
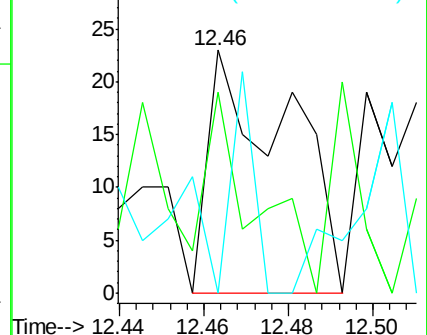
272 0.0 0.0 32.6

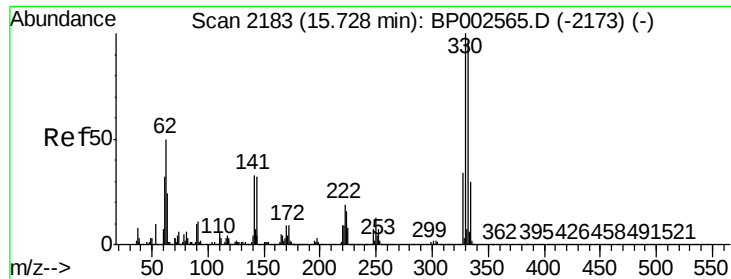


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

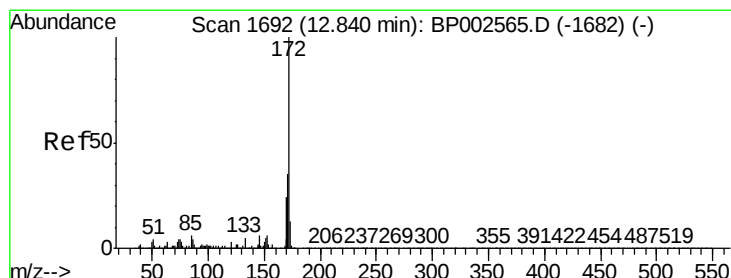
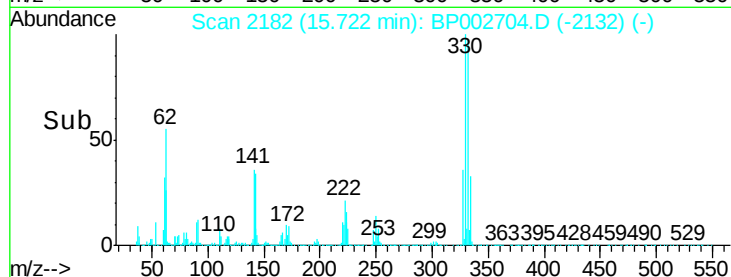
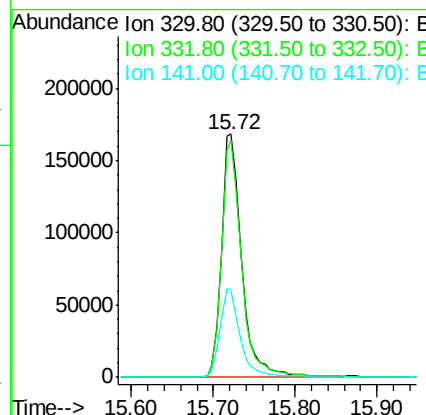
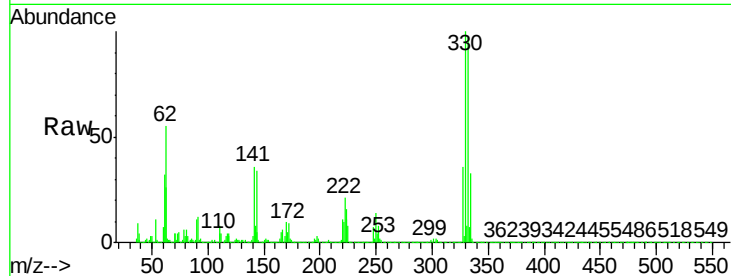




#42
 2,4,6-Tribromophenol
 Concen: 130.894 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002704.D
 Acq: 09 Jul 2020 19:05

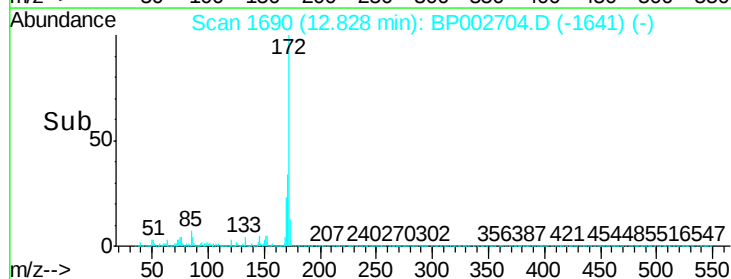
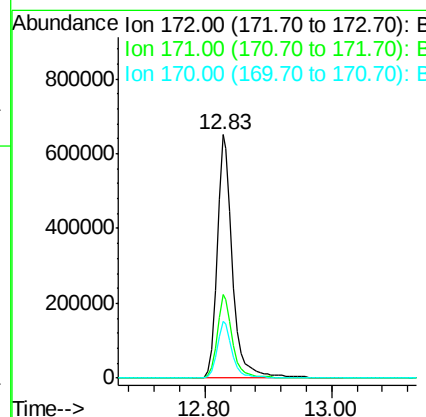
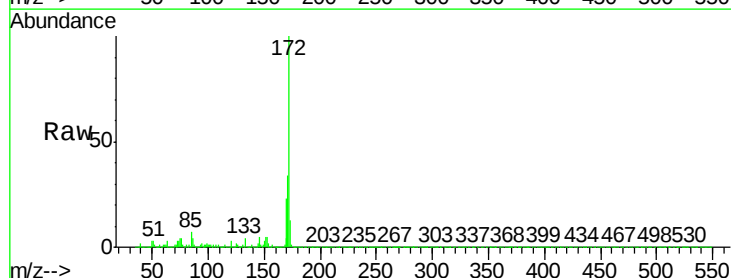
Instrument :
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 PB130070BL

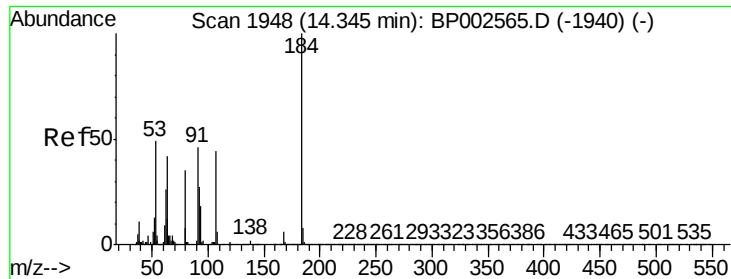
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	36.5	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 90.109 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP002704.D
 Acq: 09 Jul 2020 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	23.1	19.0	28.4

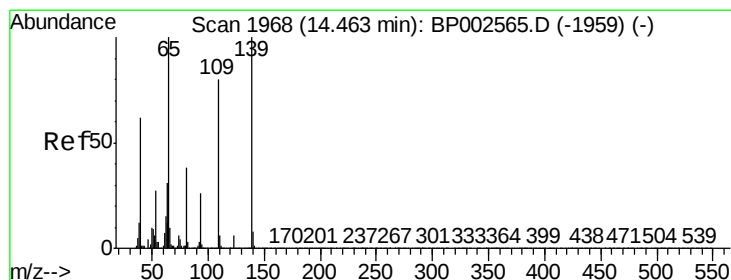
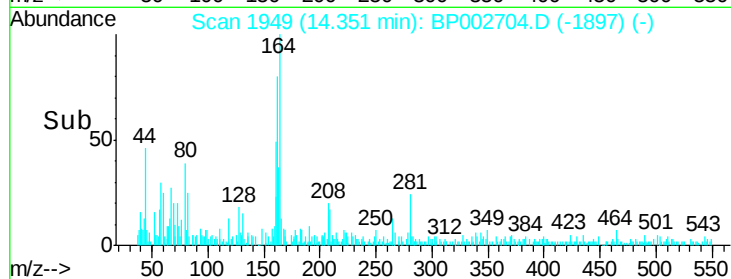
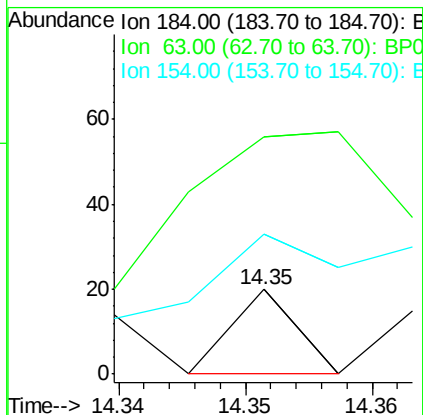
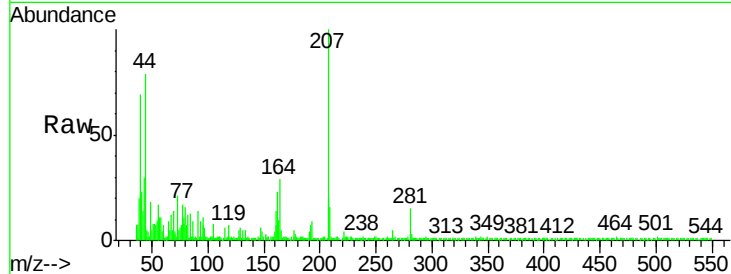




#54
2,4-Dinitrophenol
Concen: 6.012 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

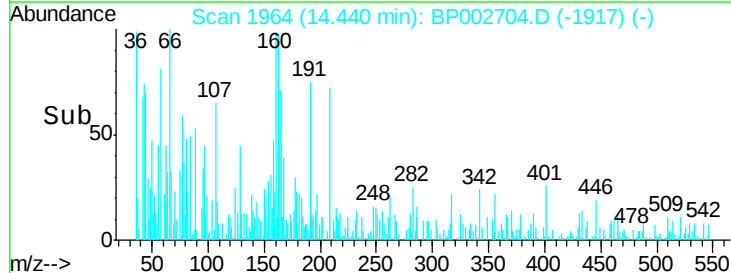
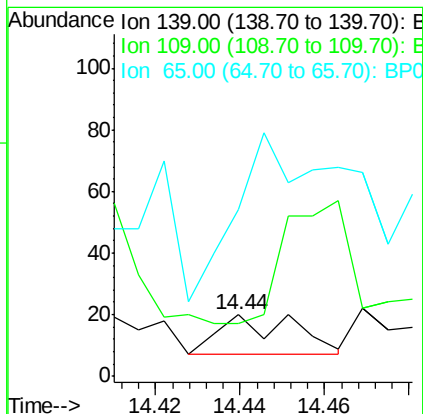
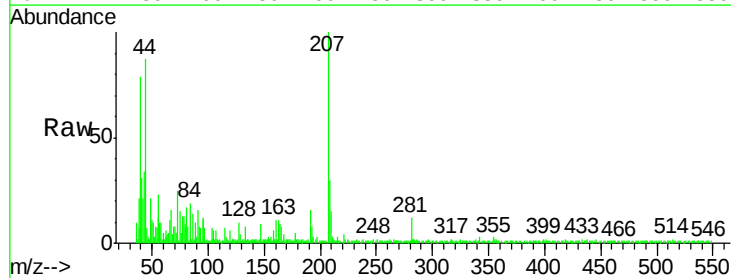
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BNA_P
ClientSampleId :
PB130070BL

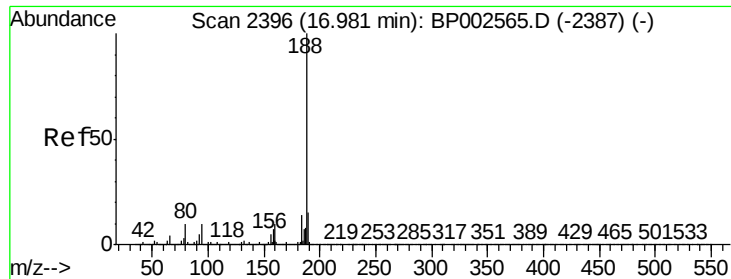
Tot Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 280.0 56.2 84.2#
154 165.0 50.9 76.3#



#56
4-Nitrophenol
Concen: 2.442 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 85.0 60.1 100.1
65 270.0 80.3 120.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

Instrument :

BNA_P

ClientSampleId :

PB130070BL

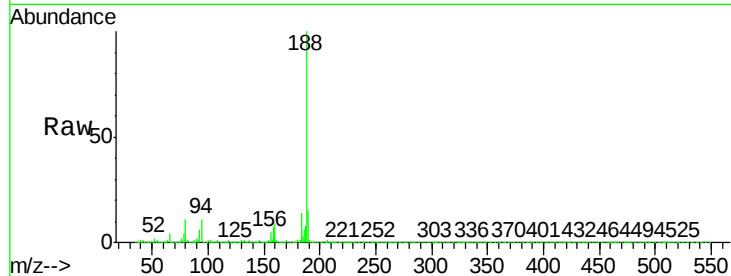
Tot Ion:188 Resp: 453290

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

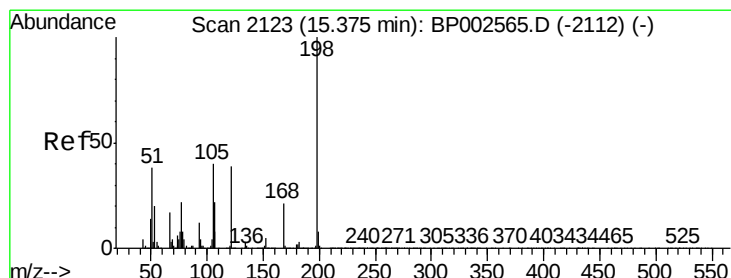
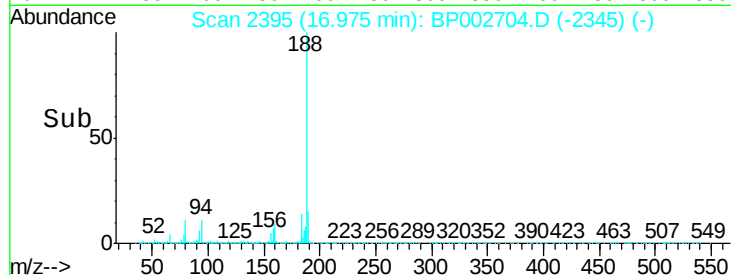
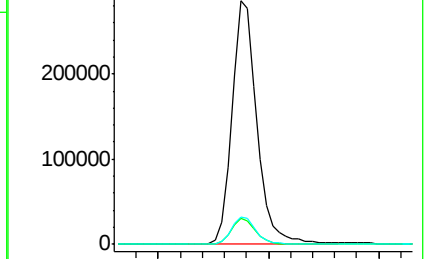
80 11.4 8.2 12.4



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: 2.715 ng

RT: 15.35 min Scan# 2118

Delta R.T. -0.03 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

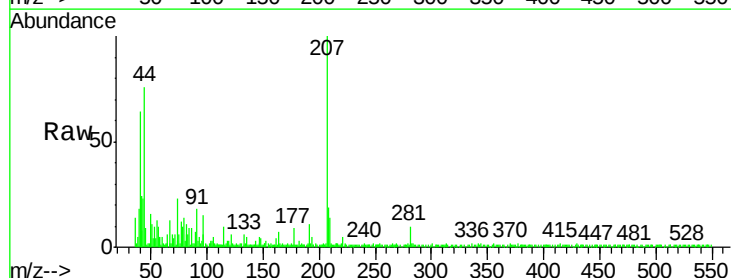
Tgt Ion:198 Resp: 16

Ion Ratio Lower Upper

198 100

51 800.0 24.2 64.2#

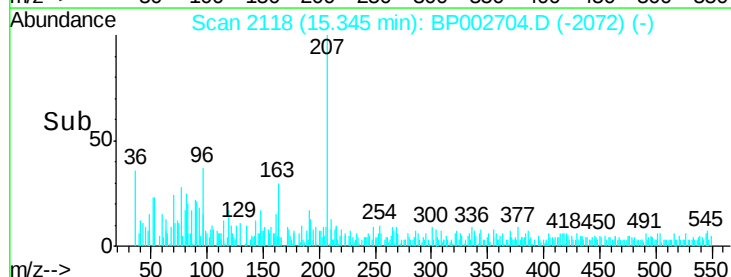
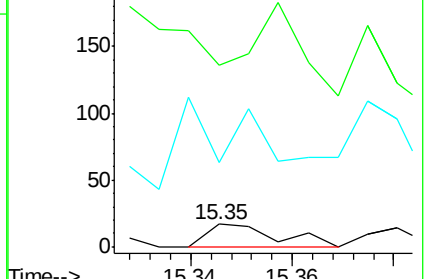
105 370.6 20.7 60.7#

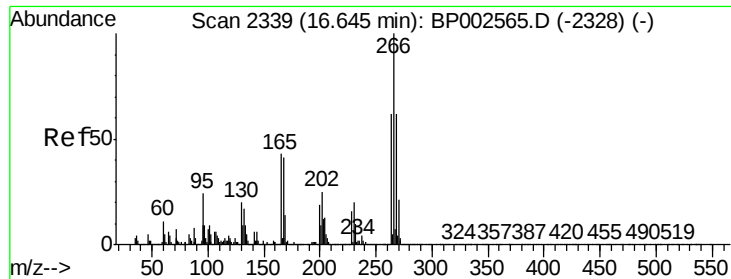


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

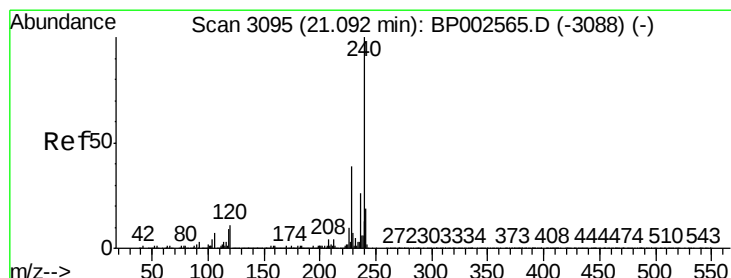
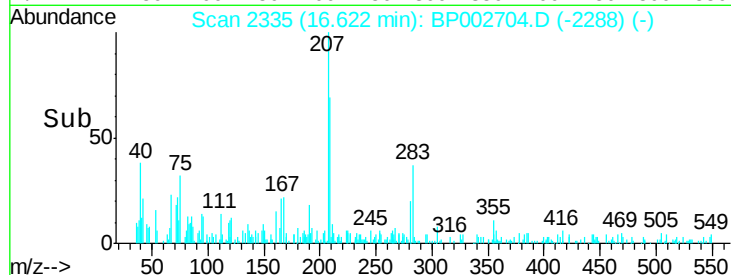
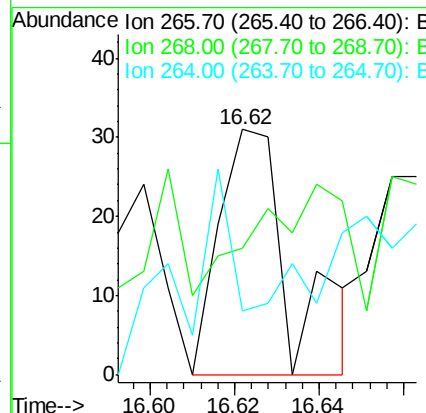
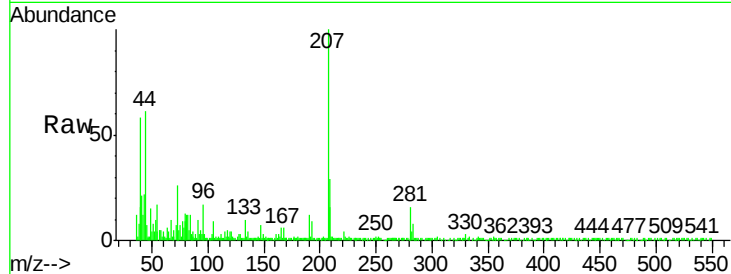




#70
 Pentachlorophenol
 Concen: 2.673 ng
 RT: 16.62 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BP002704.D
 Acq: 09 Jul 2020 19:05

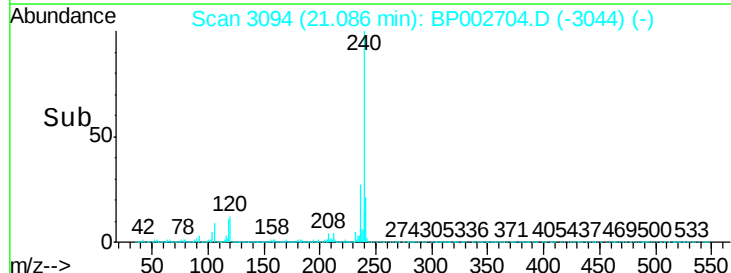
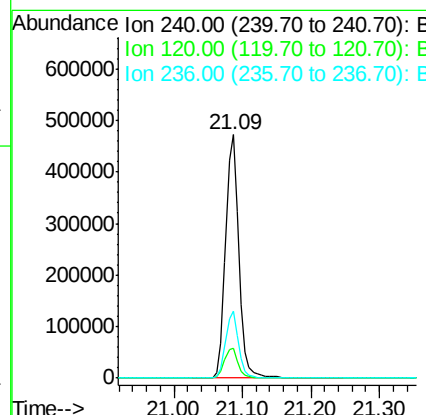
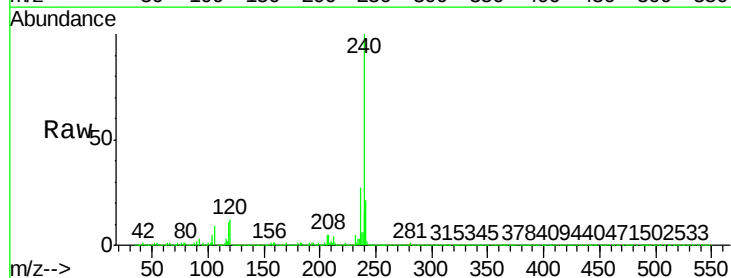
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BL

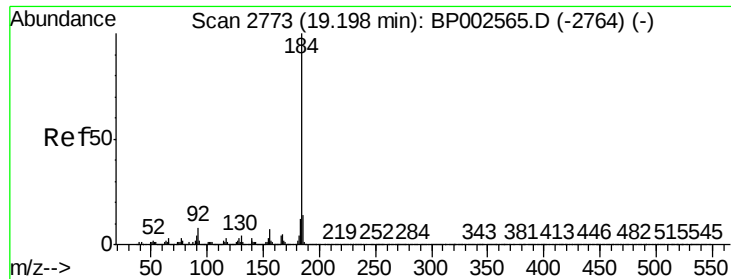
Tot Ion	Ratio	Lower	Upper
266	100		
268	51.6	49.7	74.5
264	80.6	49.3	73.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002704.D
 Acq: 09 Jul 2020 19:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	27.3	20.8	31.2





#77

Benzidine

Concen: 3.760 ng

RT: 19.18 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

Instrument :

BNA_P

ClientSampleId :

PB130070BL

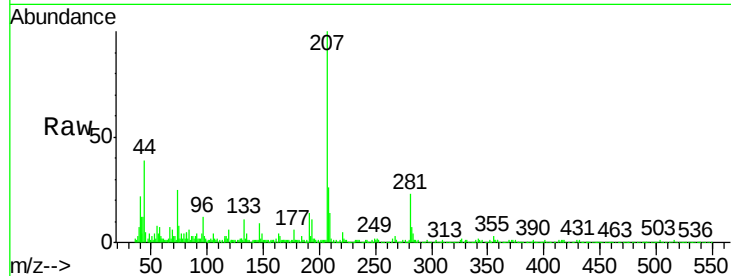
Tot Ion:184 Resp: 109

Ion Ratio Lower Upper

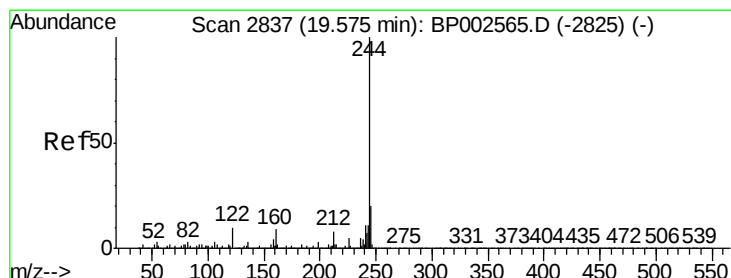
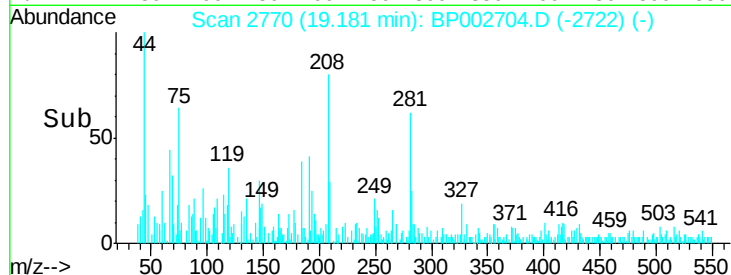
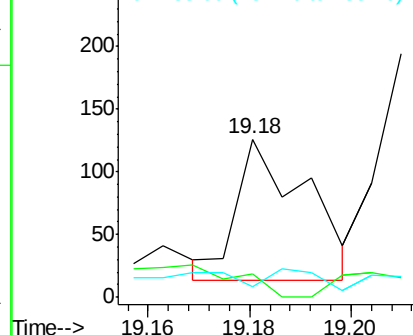
184 100

185 15.1 11.4 17.2

183 6.3 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: 89.480 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002704.D

Acq: 09 Jul 2020 19:05

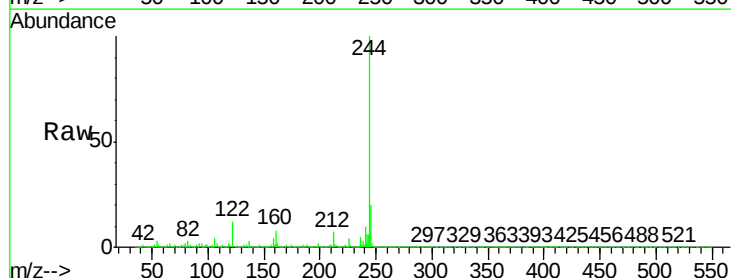
Tgt Ion:244 Resp: 2612808

Ion Ratio Lower Upper

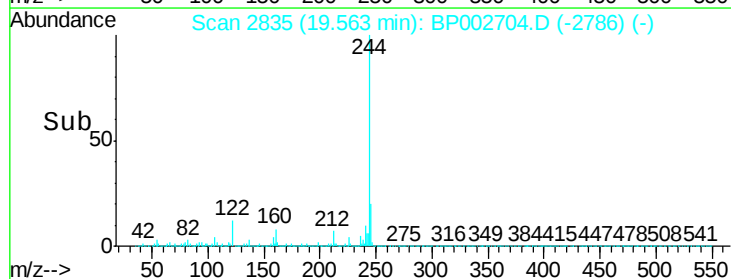
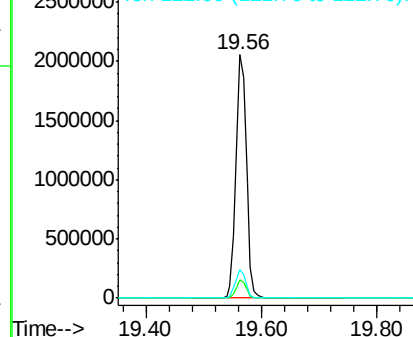
244 100

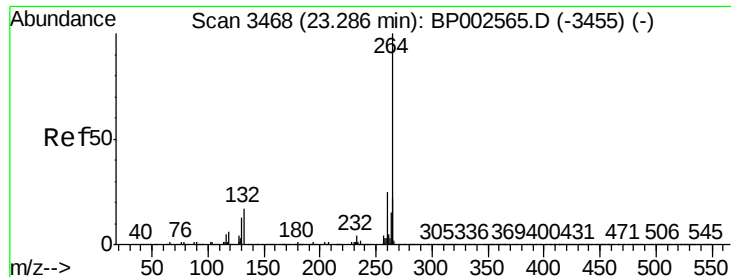
212 7.4 6.5 9.7

122 11.6 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

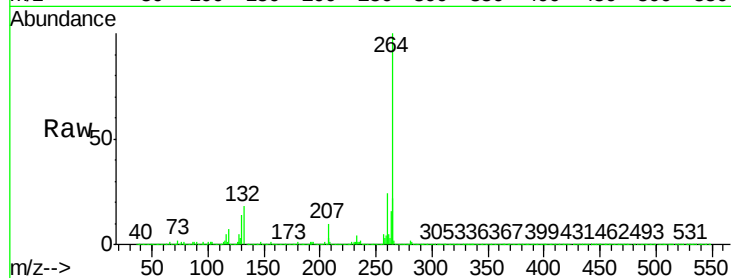




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002704.D
Acq: 09 Jul 2020 19:05

Instrument :
BNA_P
ClientSampleId :
PB130070BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.6	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

