

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002690.D
 Acq On : 09 Jul 2020 10:39
 Operator : CG/JU
 Sample : PB129999BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BL

Quant Time: Jul 09 13:53:18 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

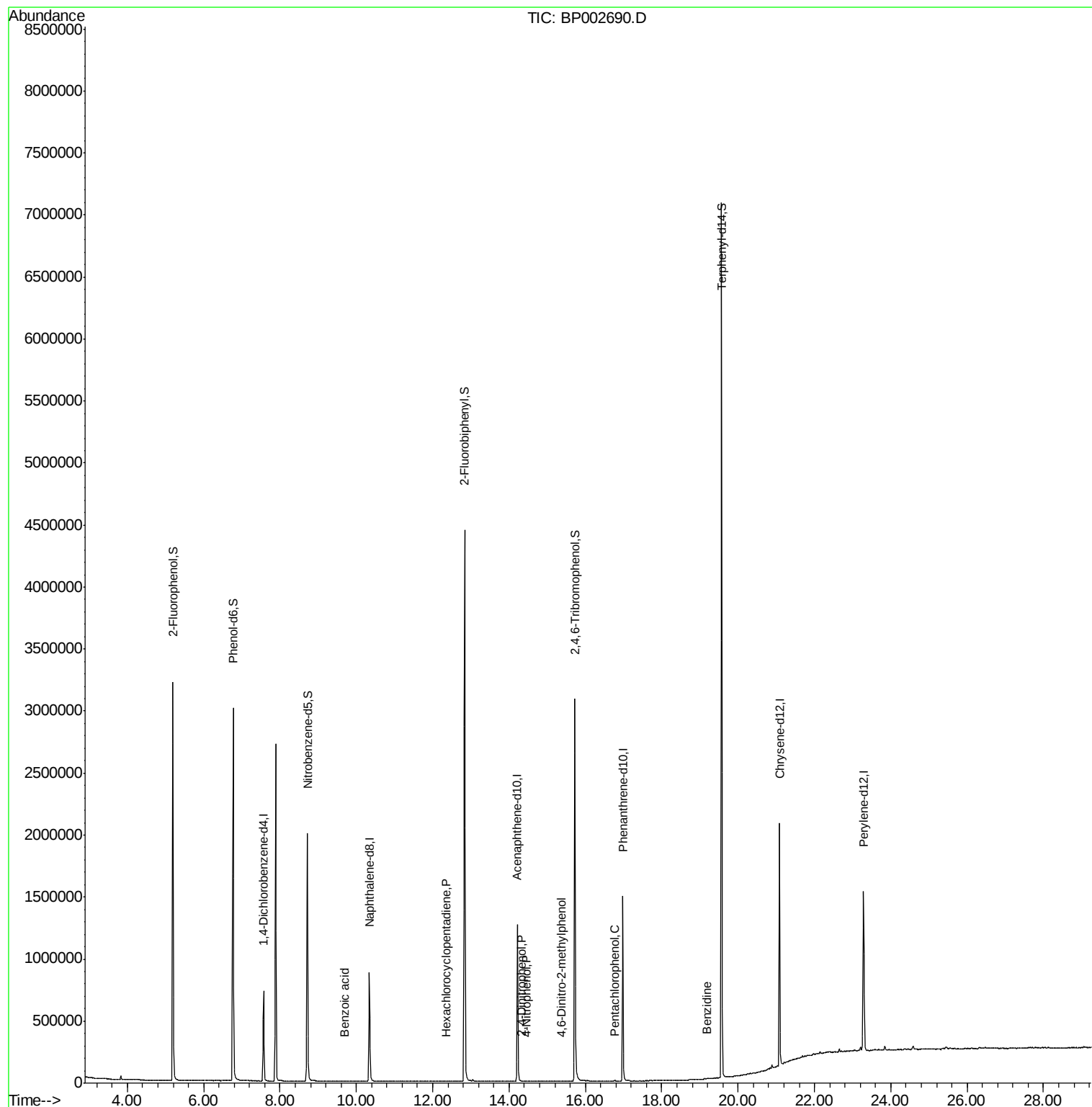
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	200736	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	763823	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	448835	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	940687	20.00	ng	0.00
76) Chrysene-d12	21.09	240	902336	20.00	ng	0.00
86) Perylene-d12	23.28	264	945485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1436891	121.19	ng	0.00
7) Phenol-d6	6.77	99	1861727	112.50	ng	0.00
23) Nitrobenzene-d5	8.71	82	1236935	83.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	636923	116.67	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2541146	83.33	ng	0.00
79) Terphenyl-d14	19.57	244	3611846	86.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	102	Below Cal	Qvalue	# 41
32) Benzoic acid	9.69	122	47	8.704 ng	#	1
41) Hexachlorocyclopentadiene	12.35	237	27	4.385 ng	#	78
54) 2,4-Dinitrophenol	14.33	184	29	6.015 ng	#	1
56) 4-Nitrophenol	14.46	139	13	2.438 ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.36	198	47	2.717 ng	#	1
70) Pentachlorophenol	16.76	266	46	2.669 ng		88
77) Benzidine	19.20	184	28	3.757 ng	#	70

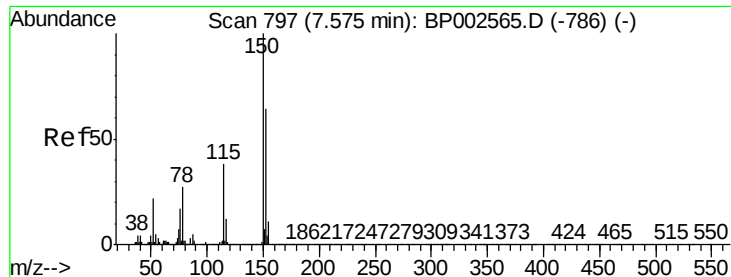
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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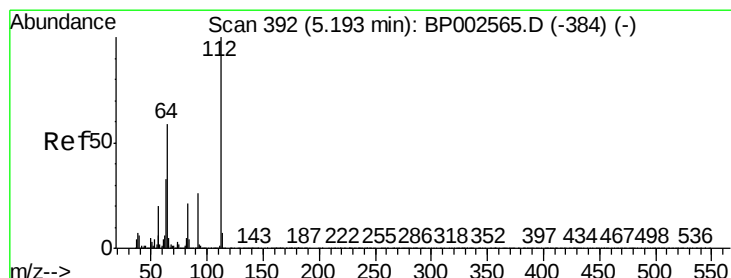
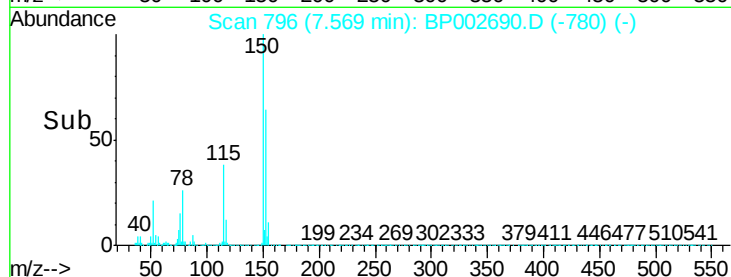
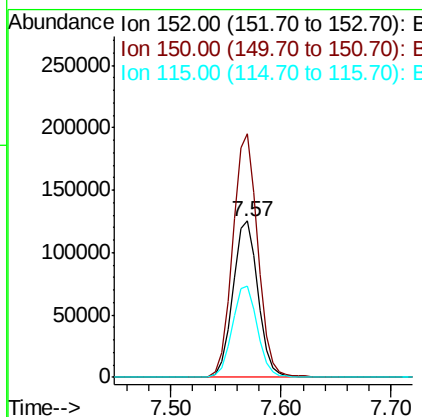
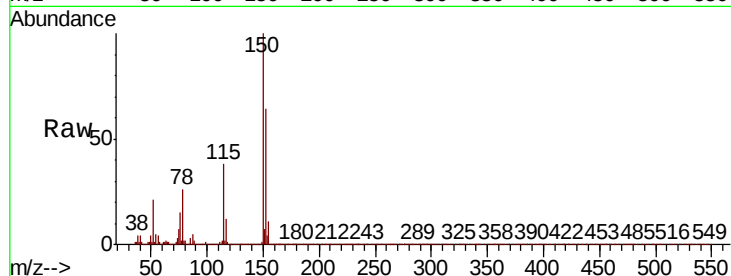


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002690.D
Acq: 09 Jul 2020 10:39

Instrument :
BNA_P
ClientSampleId :
PB129999BL

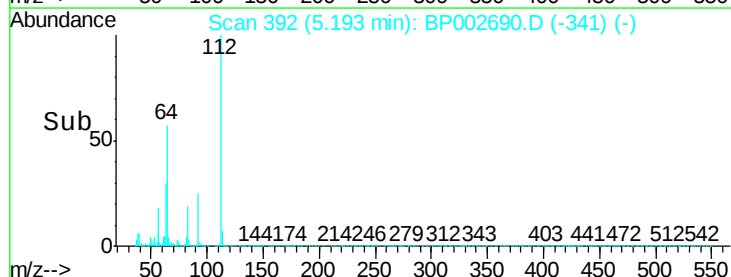
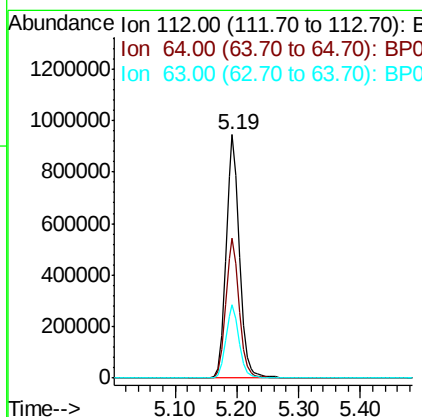
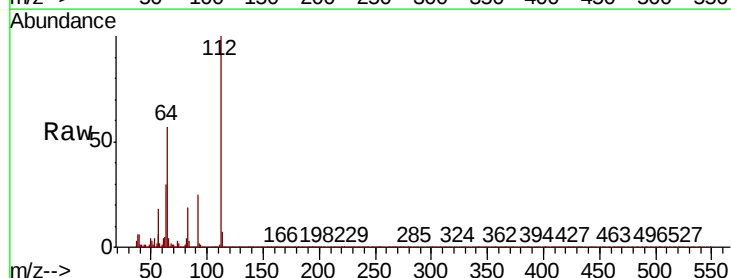
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	58.7	47.1	70.7

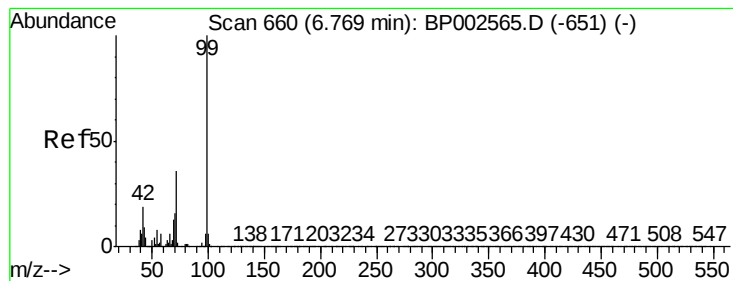


#5

2-Fluorophenol
Concen: 121.195 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002690.D
Acq: 09 Jul 2020 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.0	70.6
63	30.0	26.1	39.1





#7

Phenol-d6

Concen: 112.505 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

Instrument :

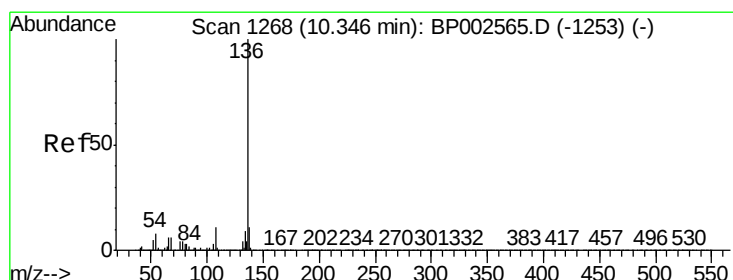
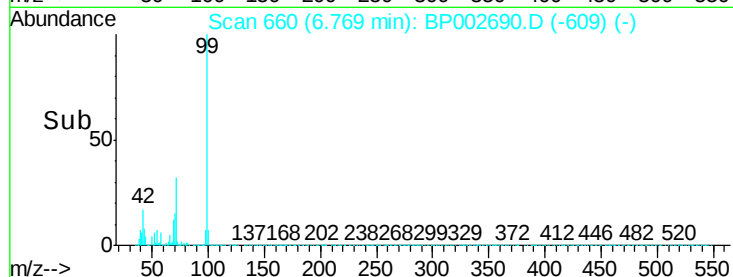
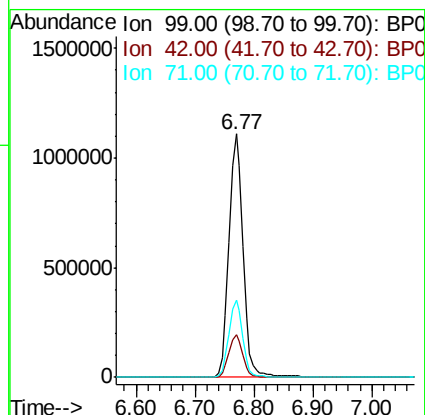
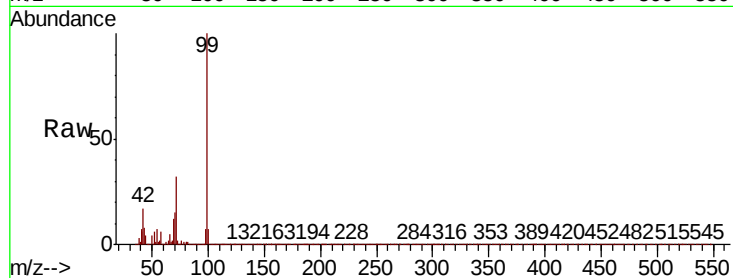
BNA_P

ClientSampleId :

PB129999BL

Tot Ion: 99 Resp: 1861727

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	31.9	28.9	43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

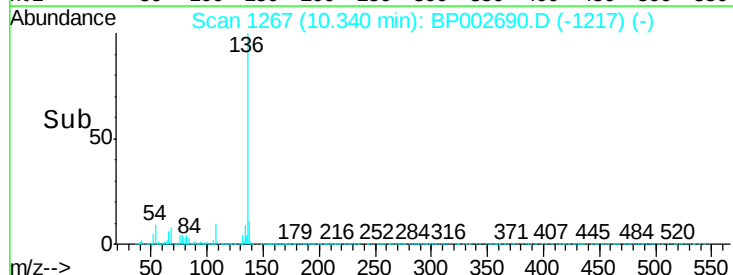
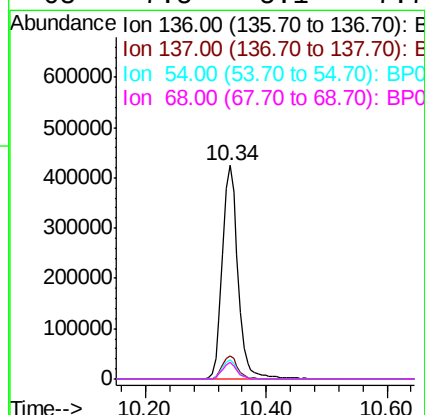
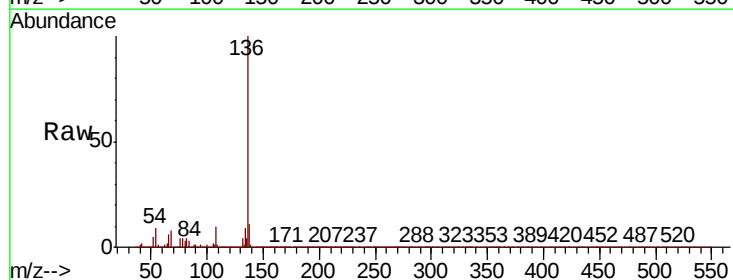
Delta R.T. -0.01 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

Tgt Ion: 136 Resp: 763823

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	6.4	9.6
68	7.5	5.1	7.7

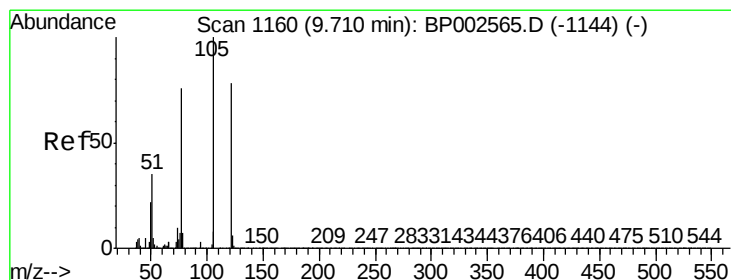
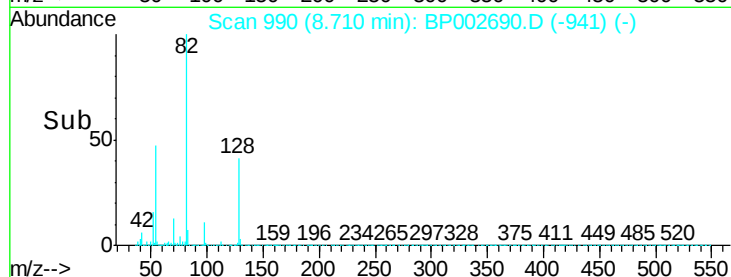
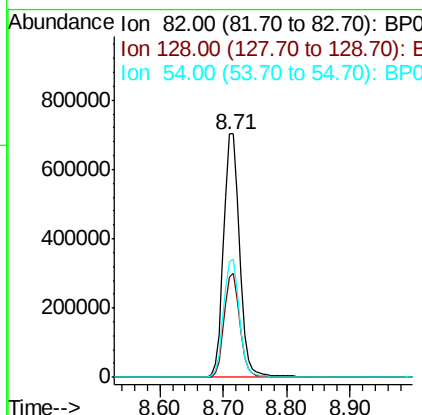
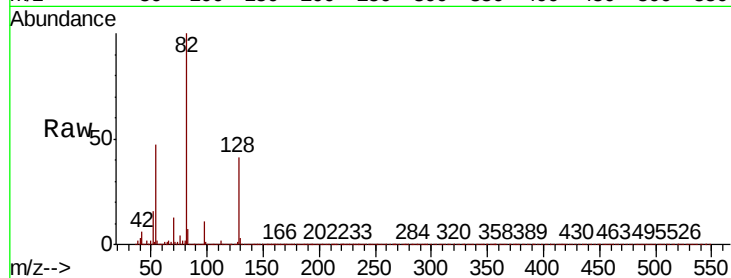




#23
 Nitrobenzene-d5
 Concen: 83.440 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

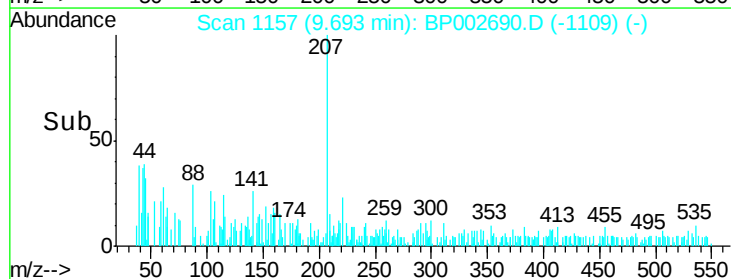
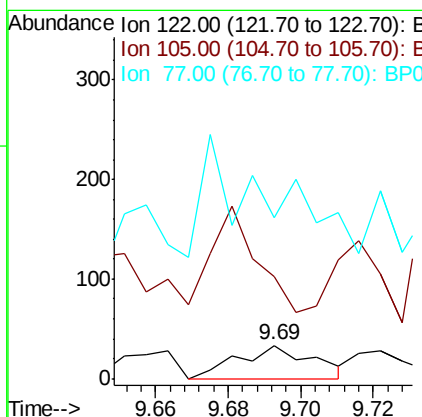
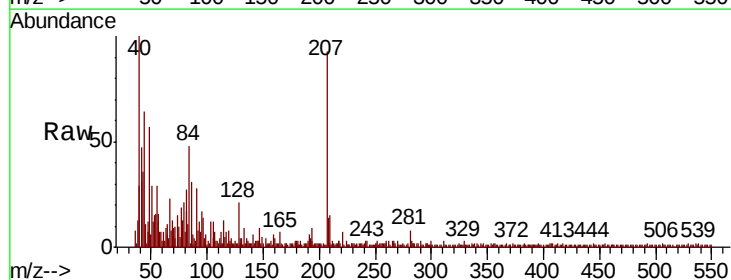
Instrument :
 BNA_P
 ClientSampleId :
 PB129999BL

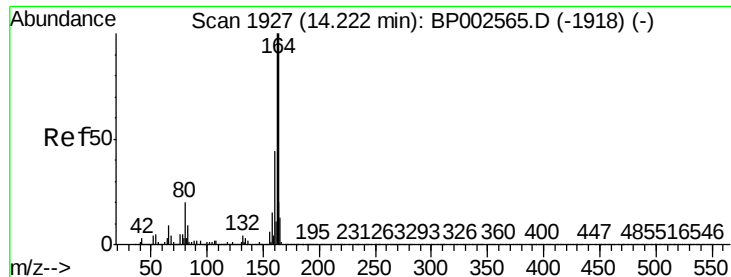
Tot Ion: 82 Resp: 1236935
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.4 50.2
 54 47.3 40.1 60.1



#32
 Benzoic acid
 Concen: 8.704 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

Tgt Ion: 122 Resp: 47
 Ion Ratio Lower Upper
 122 100
 105 309.1 106.6 146.6#
 77 487.9 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: BP002690.D

Acq: 09 Jul 2020 10:39

Instrument :

BNA_P

ClientSampleId :

PB129999BL

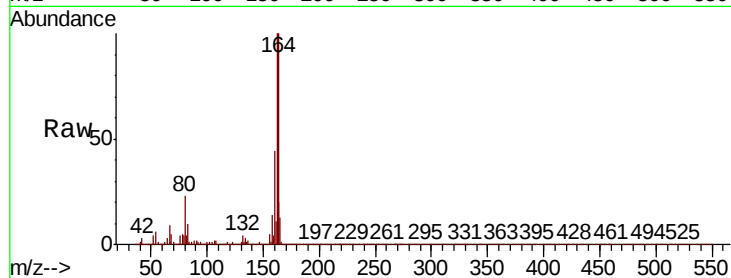
Tot Ion:164 Resp: 448835

Ion Ratio Lower Upper

164 100

162 100.0 80.3 120.5

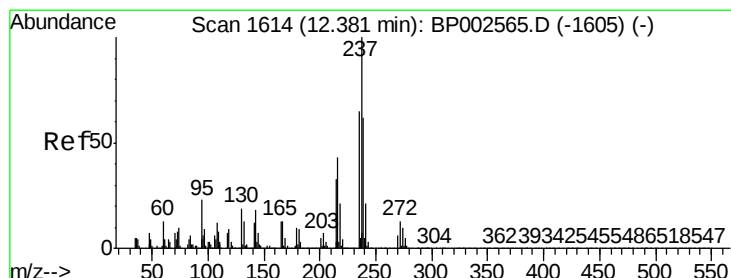
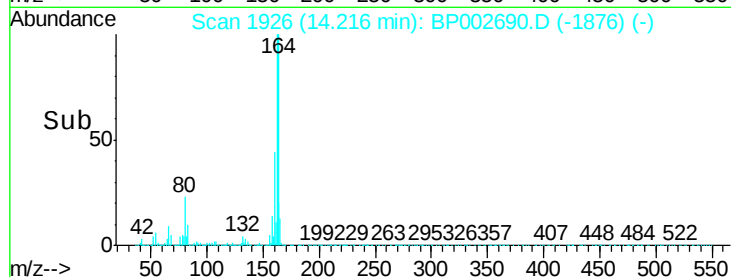
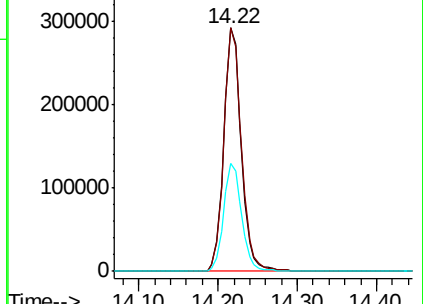
160 44.5 35.0 52.6



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: 4.385 ng

RT: 12.35 min Scan# 1609

Delta R.T. -0.03 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

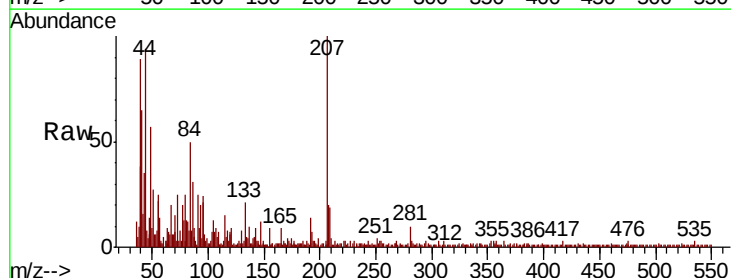
Tgt Ion:237 Resp: 27

Ion Ratio Lower Upper

237 100

235 50.0 45.4 85.4

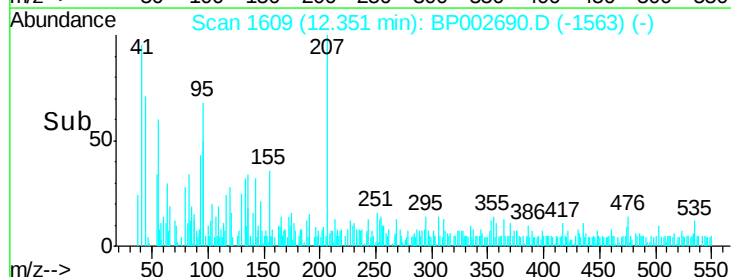
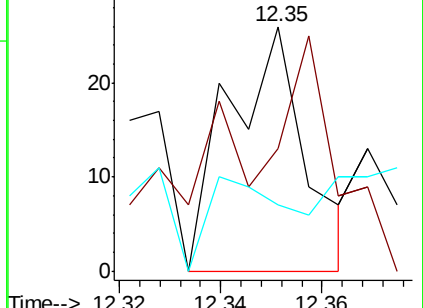
272 26.9 0.0 32.6

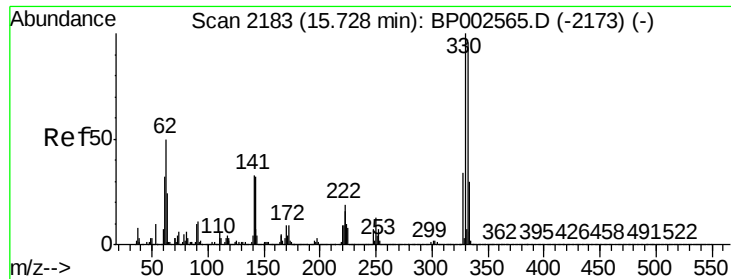


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

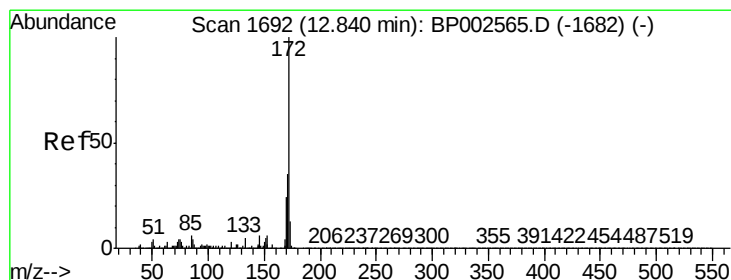
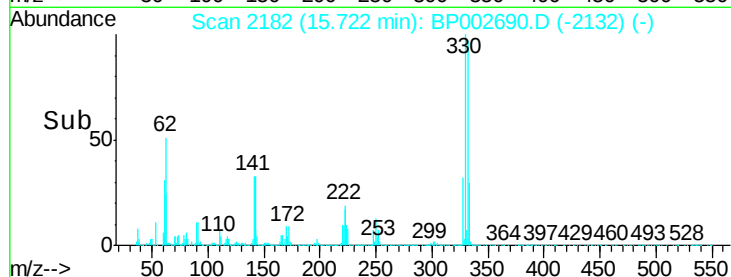
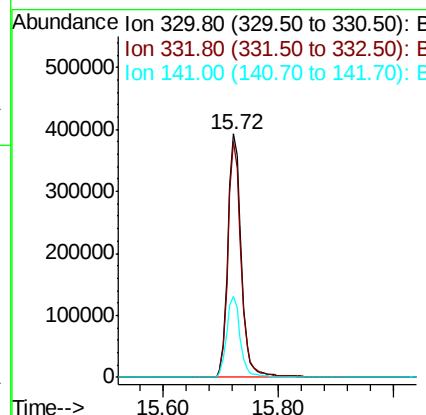
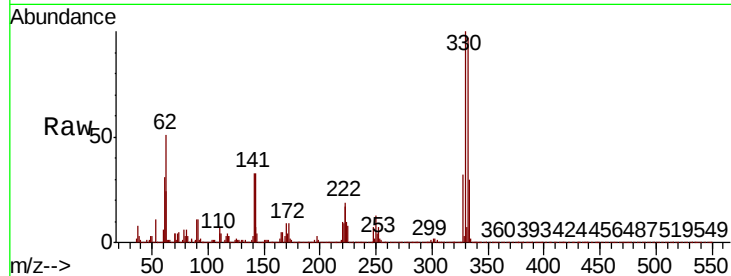




#42
 2,4,6-Tribromophenol
 Concen: 116.672 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

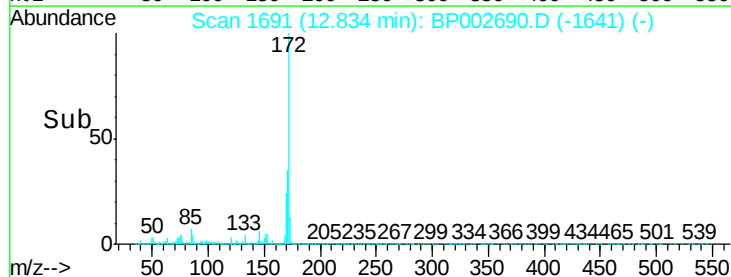
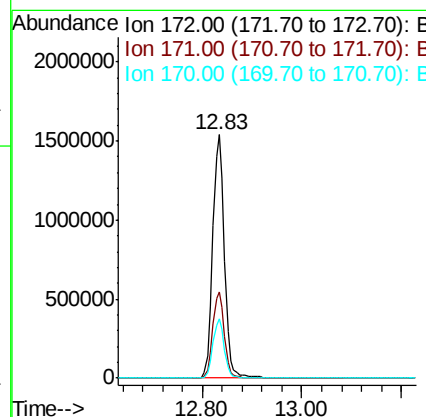
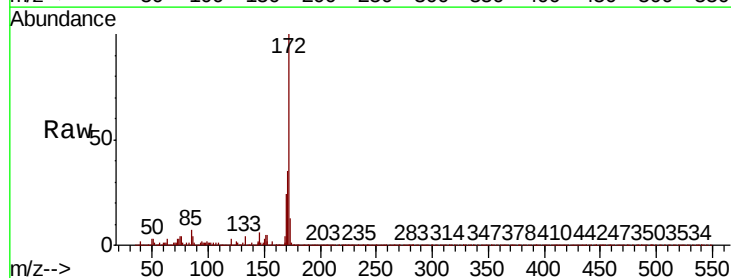
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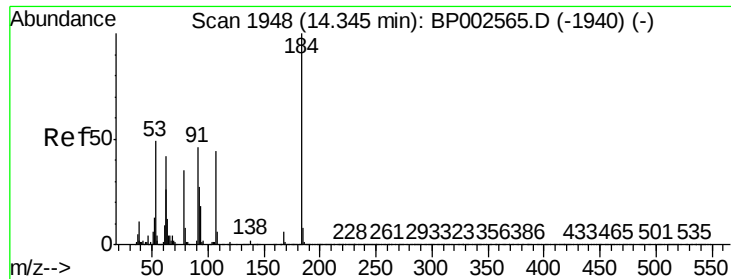
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.7	116.5
141	33.9	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 83.330 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	24.3	19.0	28.4

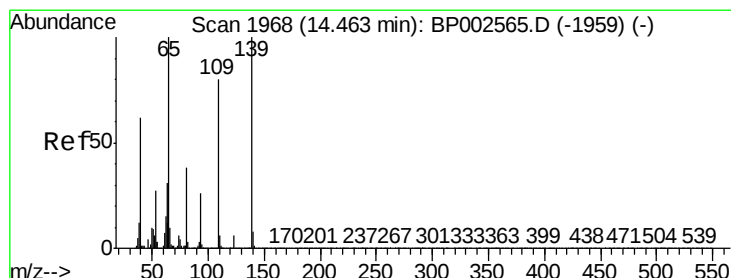
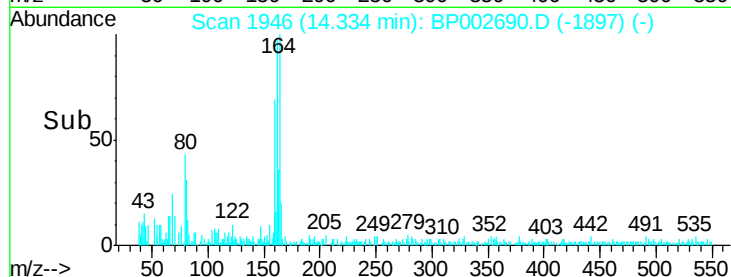
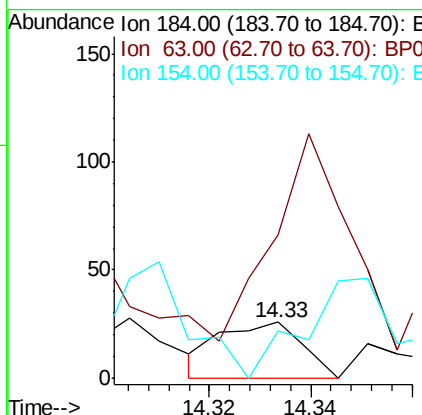
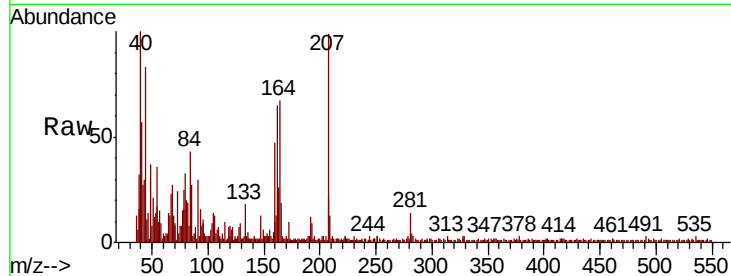




#54
2,4-Dinitrophenol
Concen: 6.015 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002690.D
Acq: 09 Jul 2020 10:39

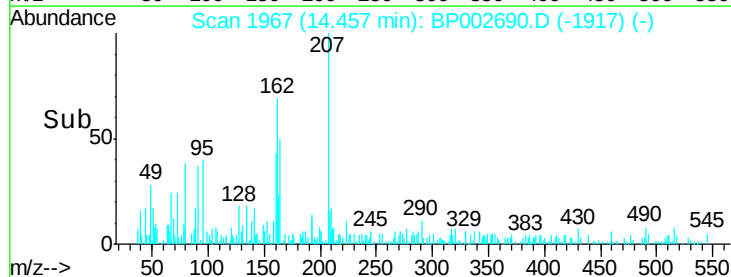
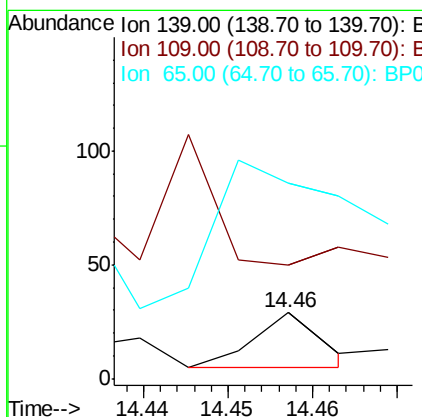
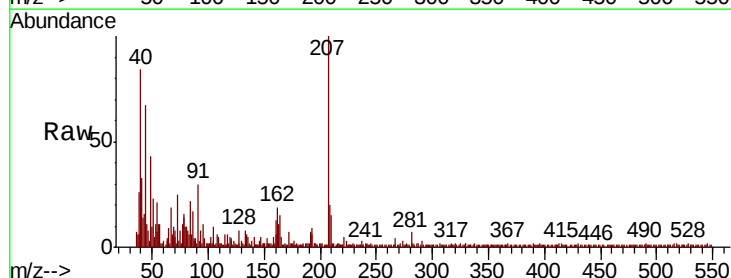
Instrument :
BNA_P
ClientSampleId :
PB129999BL

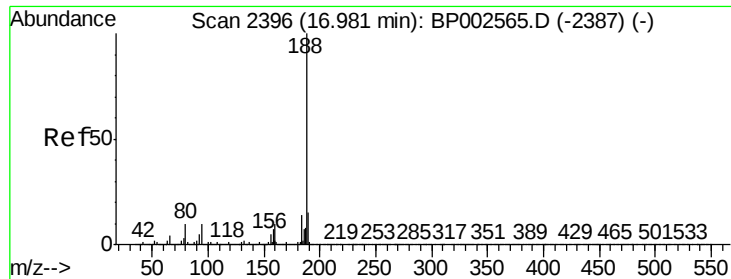
Tot Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 253.8 56.2 84.2#
154 84.6 50.9 76.3#



#56
4-Nitrophenol
Concen: 2.438 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002690.D
Acq: 09 Jul 2020 10:39

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 172.4 60.1 100.1#
65 296.6 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: BP002690.D

Acq: 09 Jul 2020 10:39

Instrument :

BNA_P

ClientSampleId :

PB129999BL

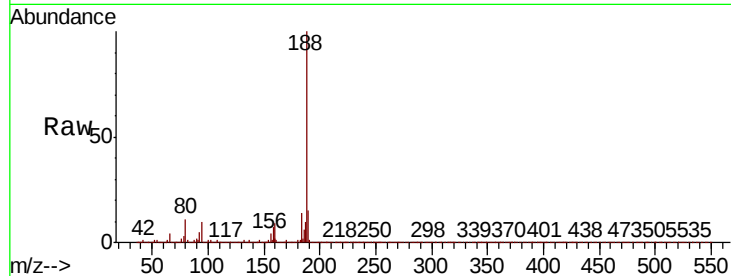
Tot Ion:188 Resp: 940687

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

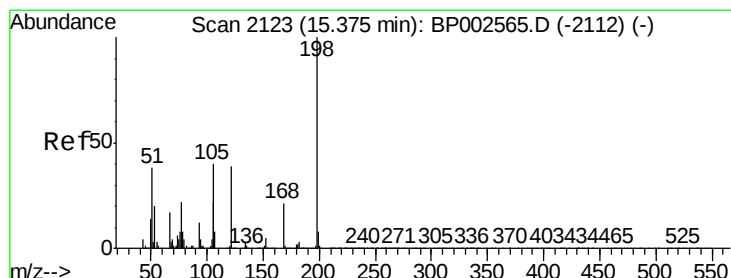
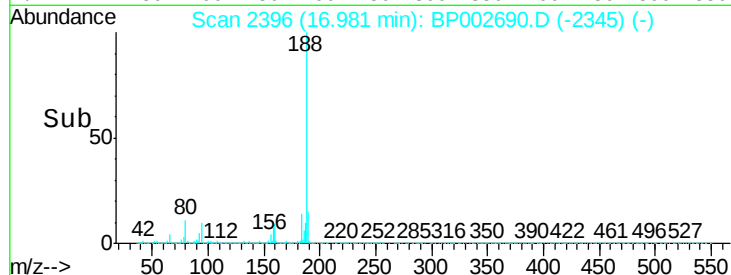
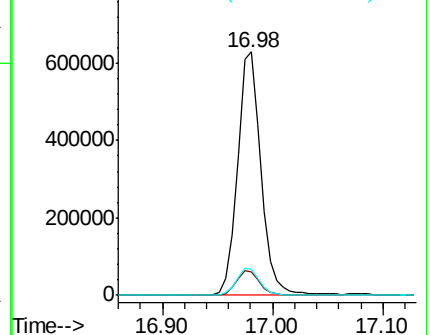
80 10.6 8.2 12.4



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: 2.717 ng

RT: 15.36 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

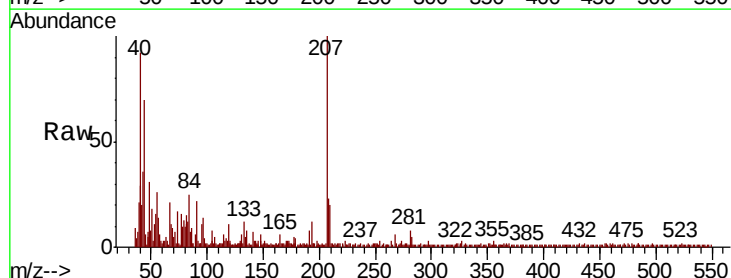
Tgt Ion:198 Resp: 47

Ion Ratio Lower Upper

198 100

51 661.5 24.2 64.2#

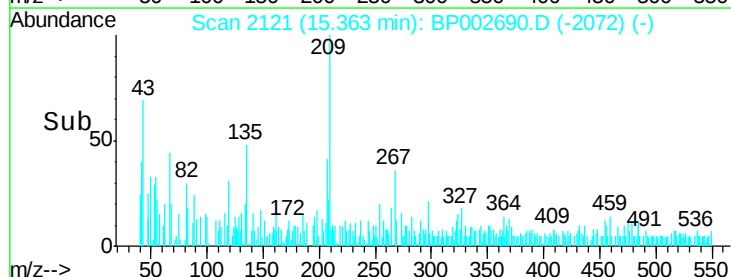
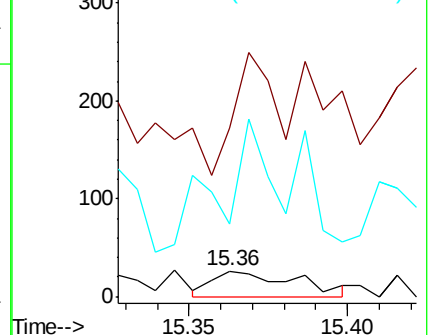
105 284.6 20.7 60.7#

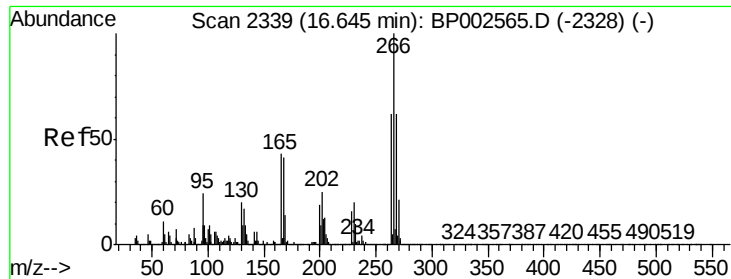


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

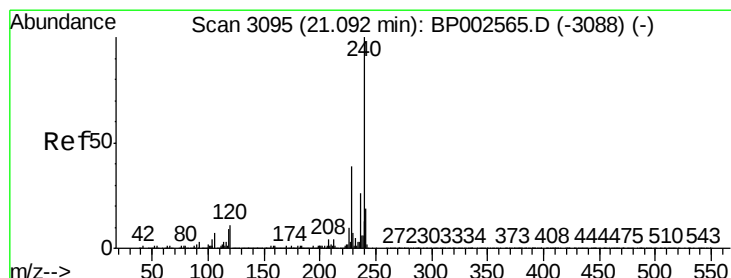
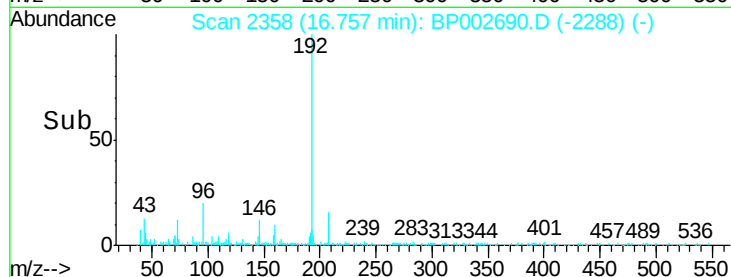
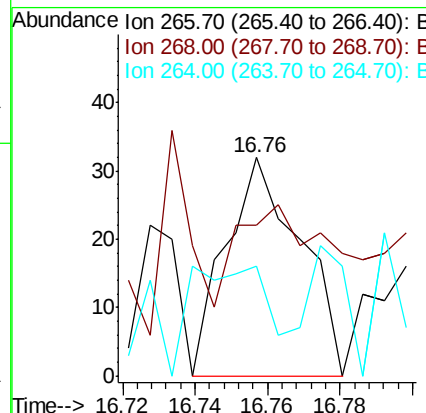
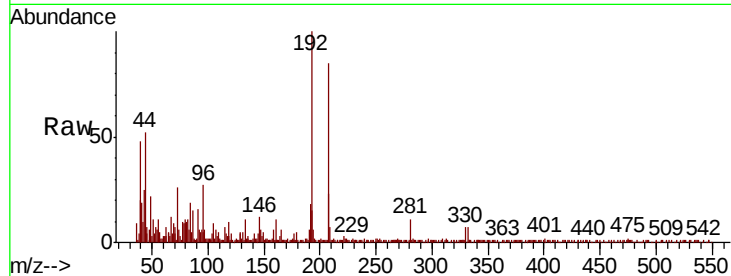




#70
 Pentachlorophenol
 Concen: 2.669 ng
 RT: 16.76 min Scan# 2358
 Delta R.T. 0.11 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

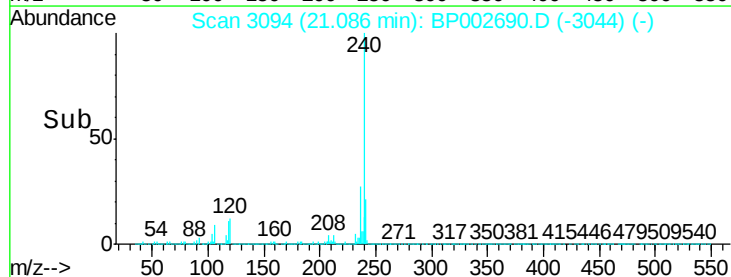
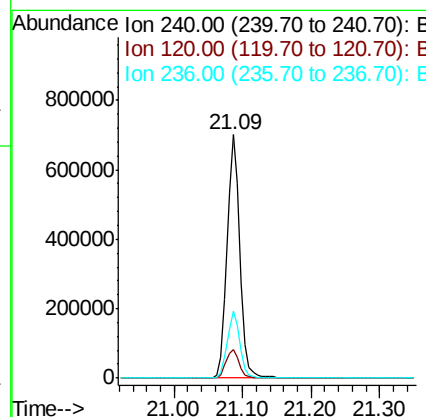
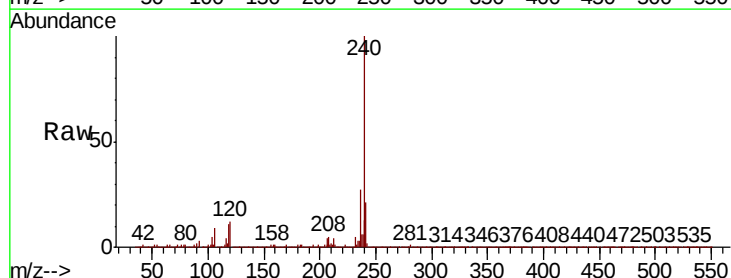
Instrument :
 BNA_P
 ClientSampleID :
 PB129999BL

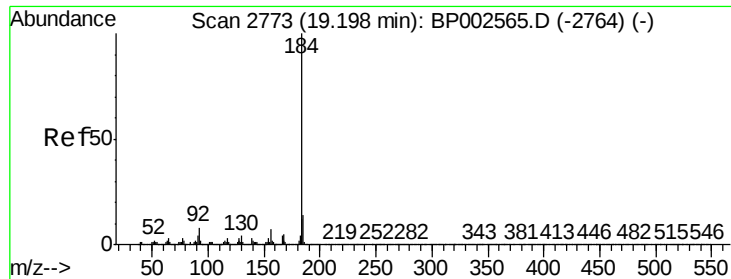
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.8	49.7	74.5
264	50.0	49.3	73.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002690.D
 Acq: 09 Jul 2020 10:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	27.5	20.8	31.2





#77

Benzidine

Concen: 3.757 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

Instrument :

BNA_P

ClientSampleId :

PB129999BL

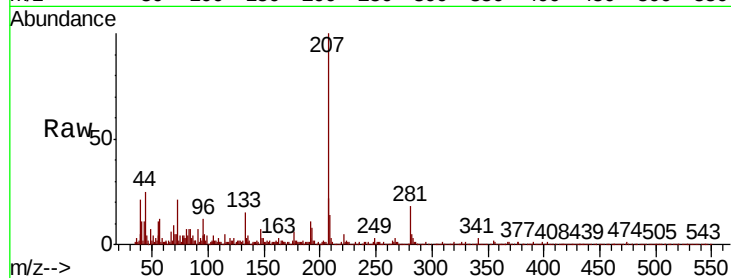
Tot Ion:184 Resp: 28

Ion Ratio Lower Upper

184 100

185 16.2 11.4 17.2

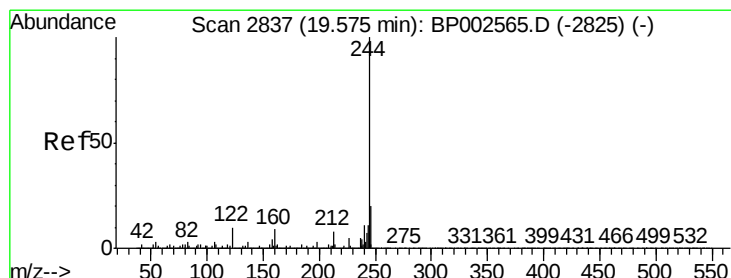
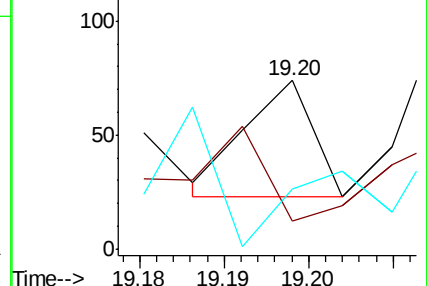
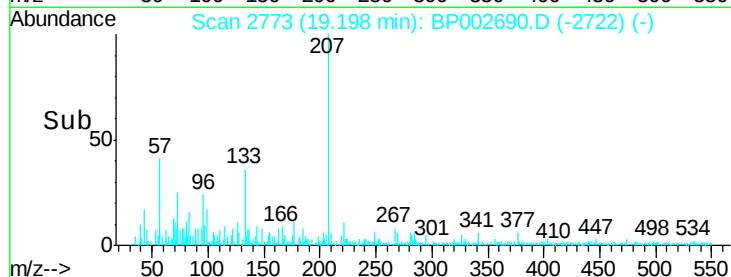
183 35.1 9.2 13.8#



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: 86.399 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002690.D

Acq: 09 Jul 2020 10:39

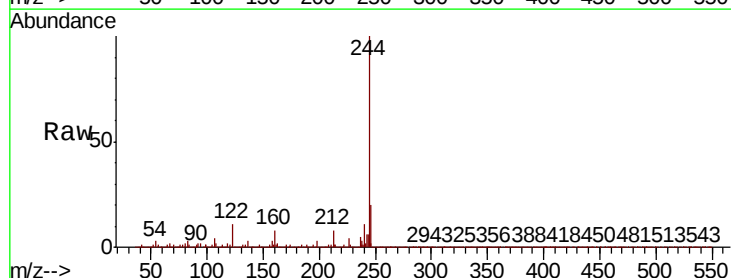
Tgt Ion:244 Resp: 3611846

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

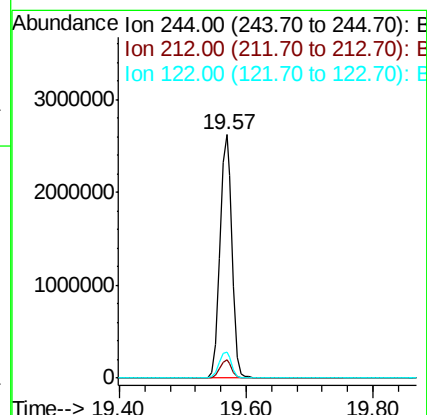
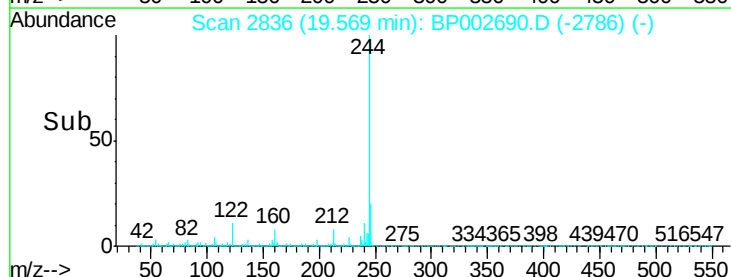
122 10.6 7.9 11.9

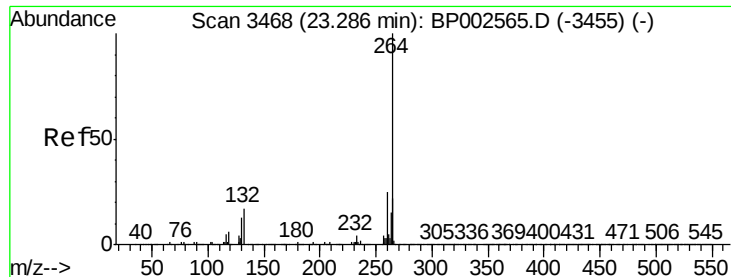


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

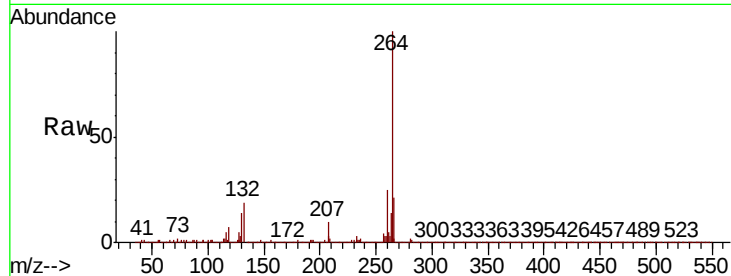




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002690.D
Acq: 09 Jul 2020 10:39

Instrument :
BNA_P
ClientSampleId :
PB129999BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.0	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

