

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002688.D
 Acq On : 09 Jul 2020 09:31
 Operator : CG/JU
 Sample : PB130021BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130021BL

Quant Time: Jul 09 13:52:46 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

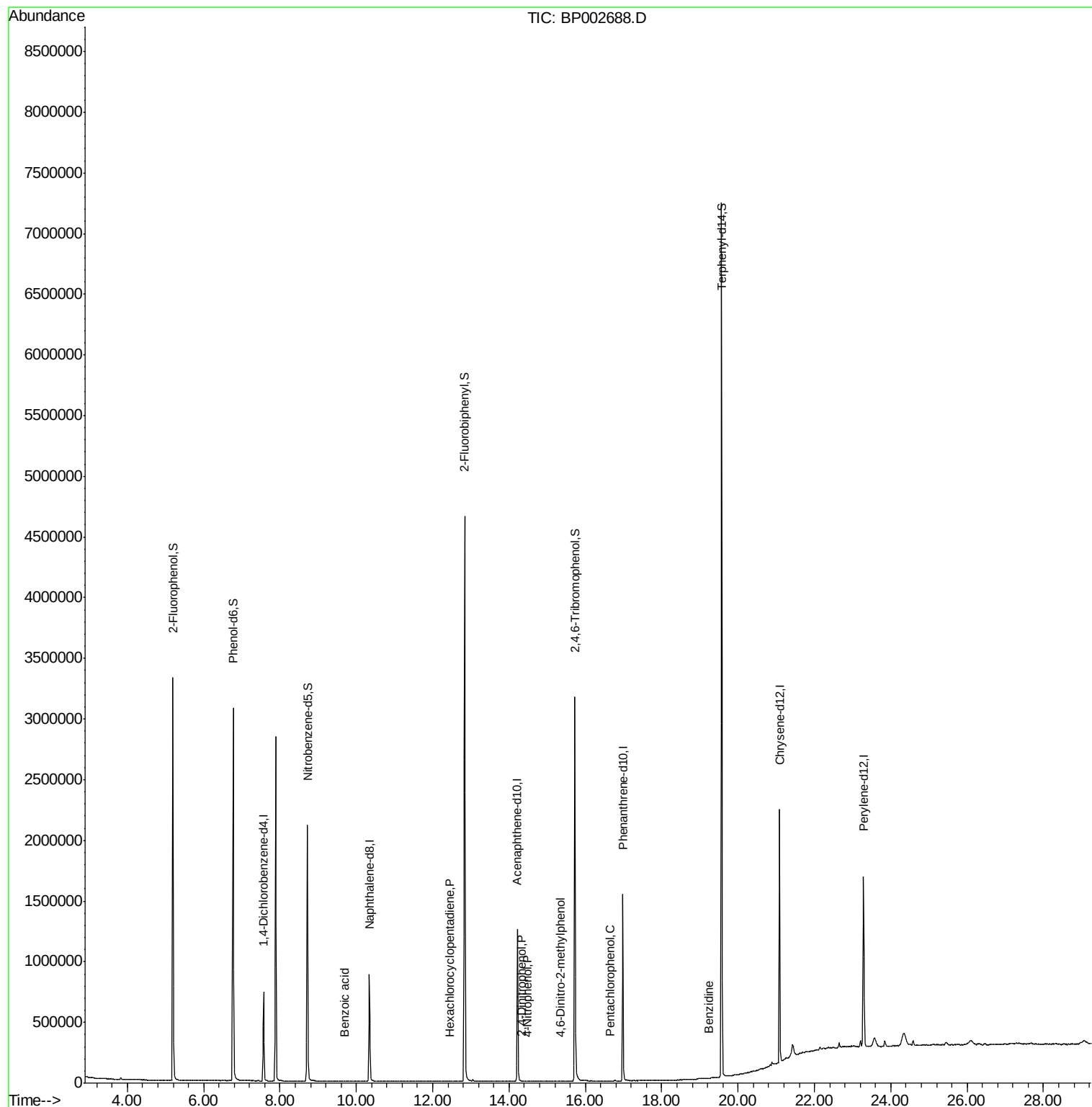
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	197537	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	755123	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	451063	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	936287	20.00	ng	0.00
76) Chrysene-d12	21.09	240	942162	20.00	ng	0.00
86) Perylene-d12	23.29	264	975263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1471707	126.14	ng	0.00
7) Phenol-d6	6.77	99	1910114	117.30	ng	0.00
23) Nitrobenzene-d5	8.72	82	1277638	87.18	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	646288	117.80	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2615011	85.33	ng	0.00
79) Terphenyl-d14	19.57	244	3668710	84.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	179	Below Cal	Qvalue	# 42
32) Benzoic acid	9.70	122	36	8.703 ng	#	1
41) Hexachlorocyclopentadiene	12.45	237	11	4.383 ng	#	83
54) 2,4-Dinitrophenol	14.34	184	38	6.016 ng	#	69
56) 4-Nitrophenol	14.47	139	59	2.445 ng	#	73
65) 4,6-Dinitro-2-methylphenol	15.36	198	9	2.711 ng	#	1
70) Pentachlorophenol	16.64	266	54	2.670 ng		86
77) Benzidine	19.23	184	1172	3.783 ng		94

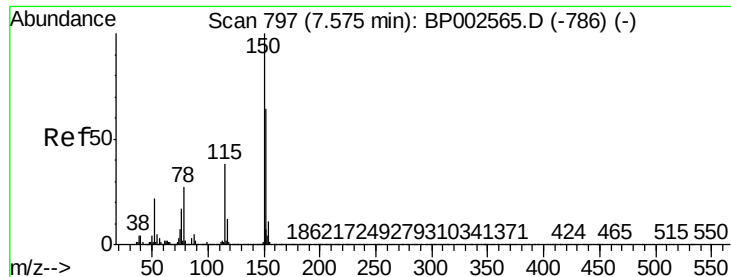
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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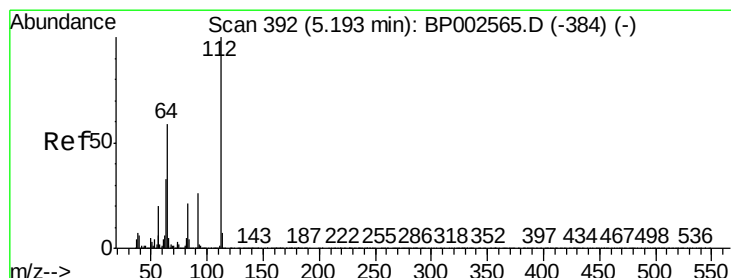
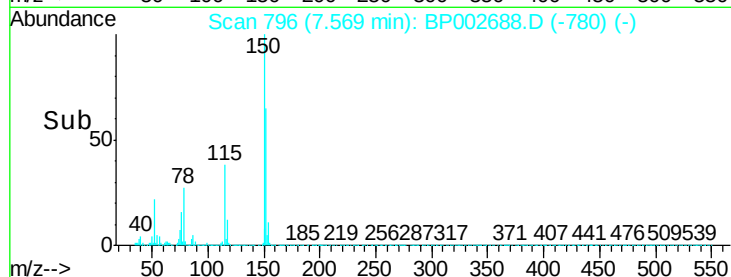
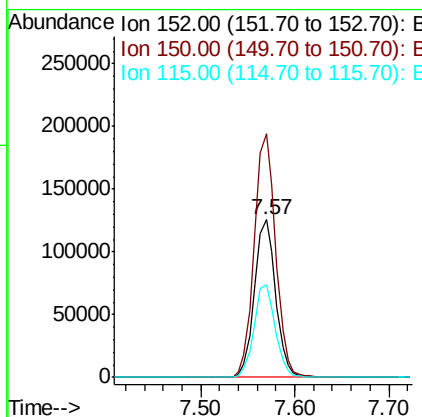
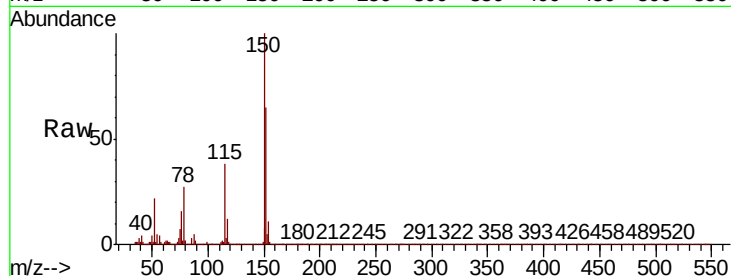


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB130021BL

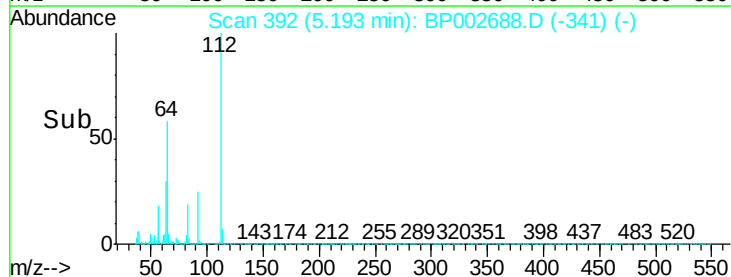
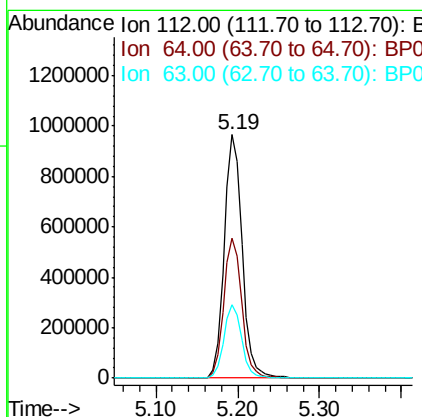
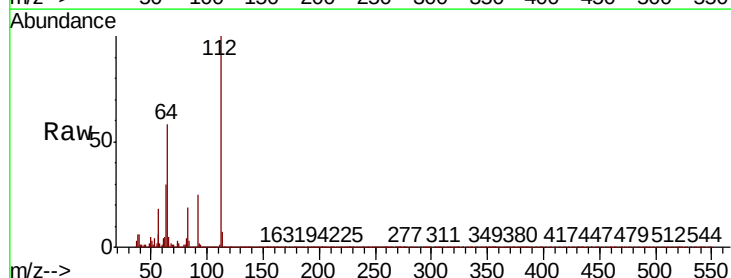
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	59.0	47.1	70.7

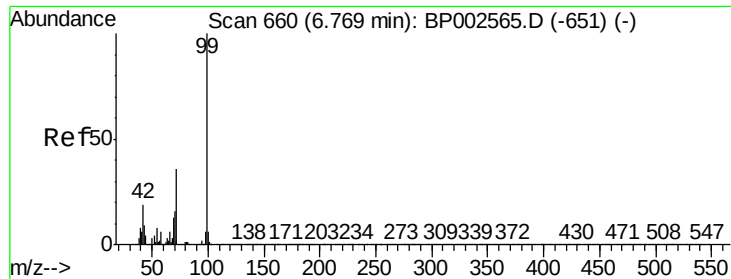


#5

2-Fluorophenol
Concen: 126.142 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.0	70.6
63	30.2	26.1	39.1





#7

Phenol-d6

Concen: 117.298 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

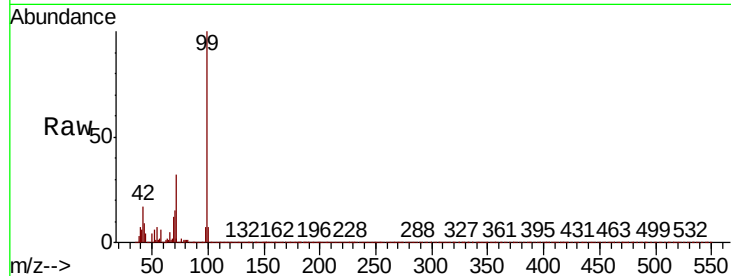
BNA_P

ClientSampleId :

PB130021BL

Tot Ion: 99 Resp: 1910114

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	32.1	28.9	43.3

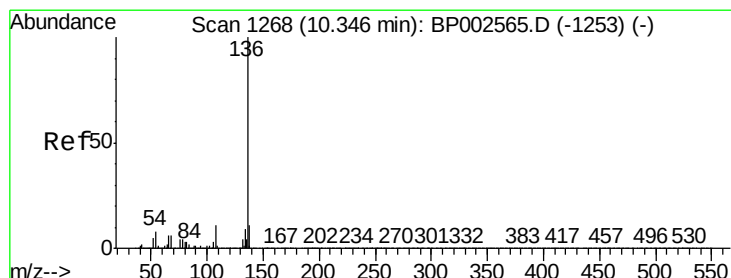
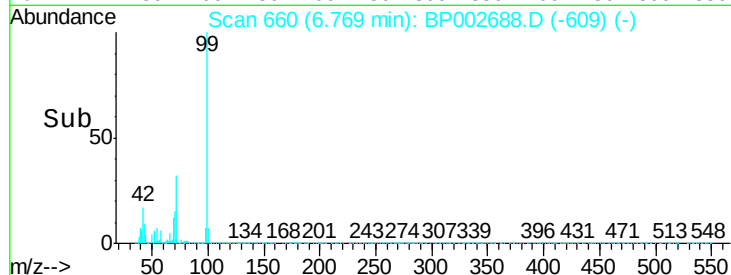
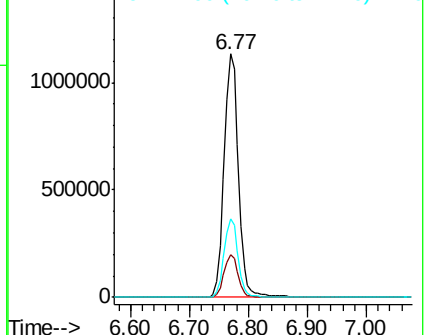


Abundance

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

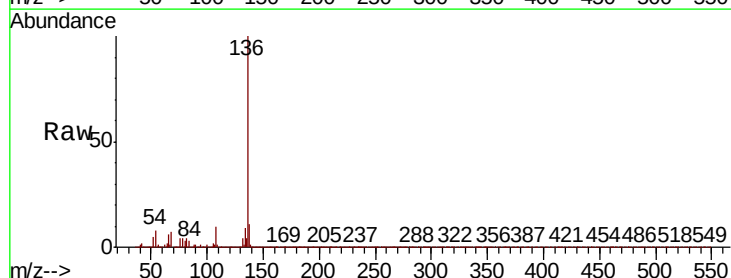
Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Tgt Ion: 136 Resp: 755123

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.4	9.6
68	7.2	5.1	7.7



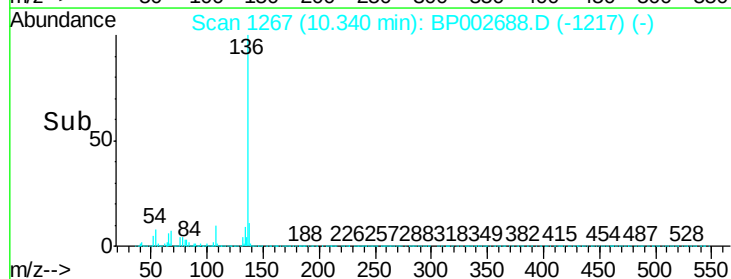
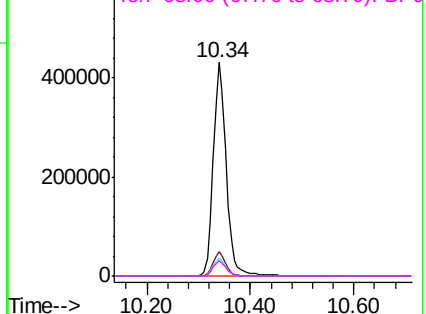
Abundance

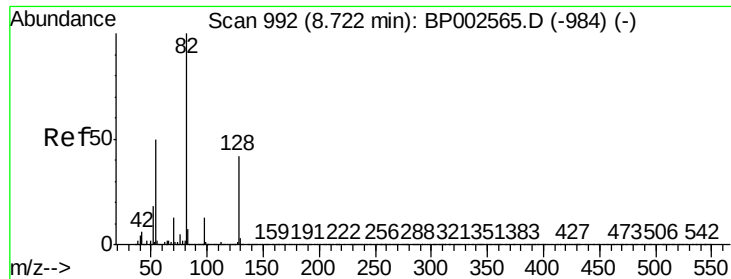
Ion 136.00 (135.70 to 136.70): E

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

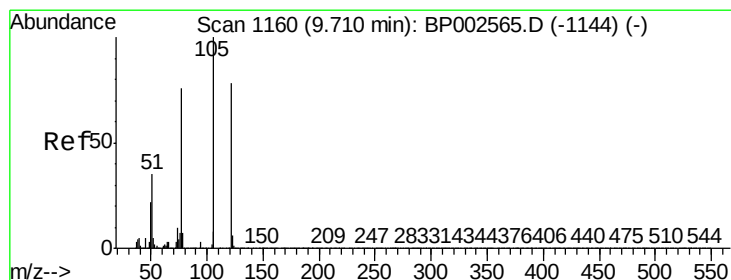
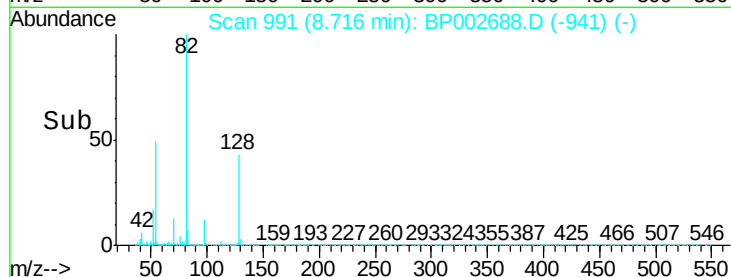
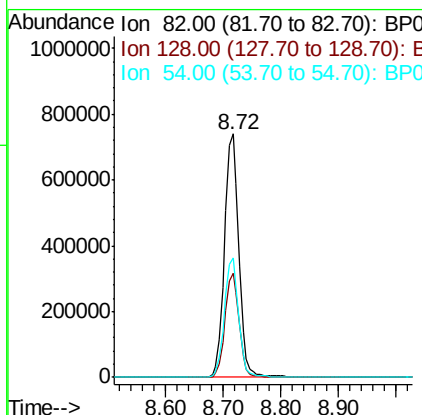
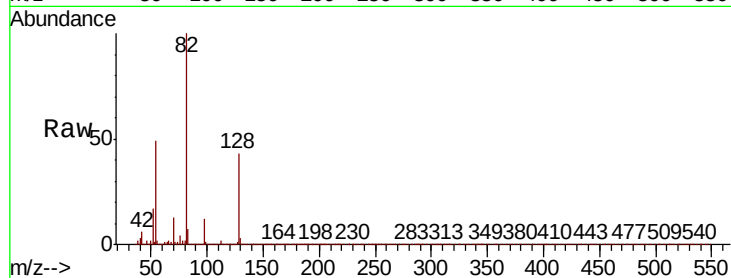




#23
 Nitrobenzene-d5
 Concen: 87.179 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

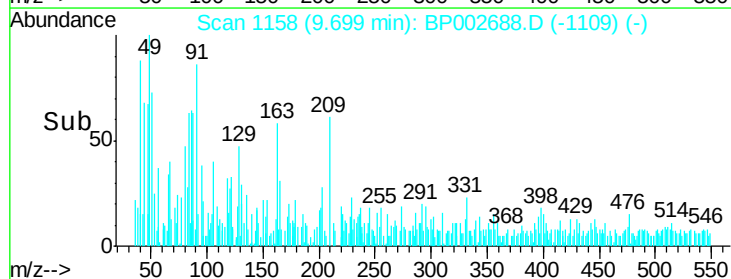
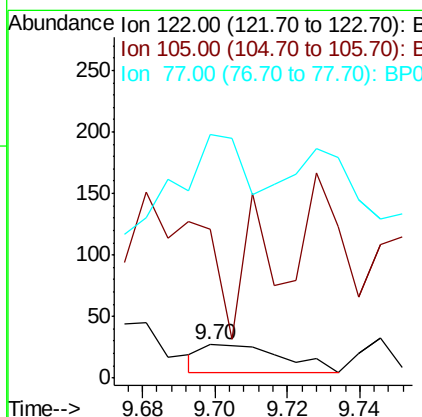
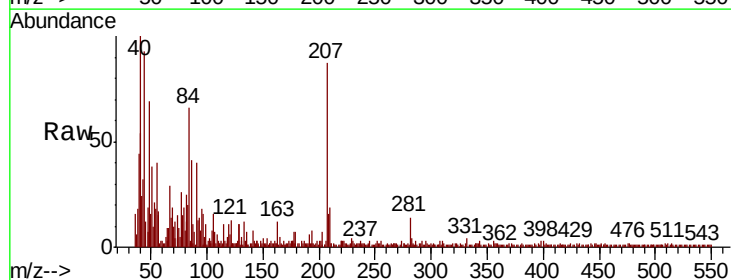
Instrument :
 BNA_P
 ClientSampleID :
 PB130021BL

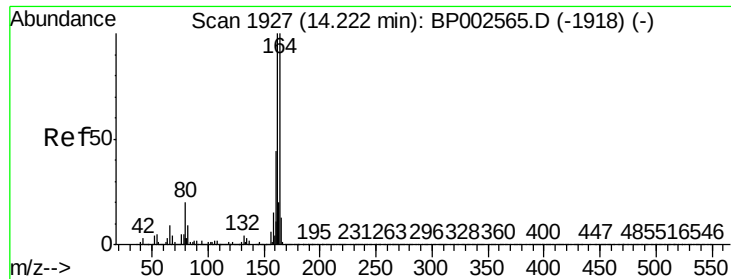
Tot Ion: 82 Resp: 1277638
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.2
 54 49.0 40.1 60.1



#32
 Benzoic acid
 Concen: 8.703 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Tgt Ion: 122 Resp: 36
 Ion Ratio Lower Upper
 122 100
 105 448.1 106.6 146.6#
 77 733.3 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: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB130021BL

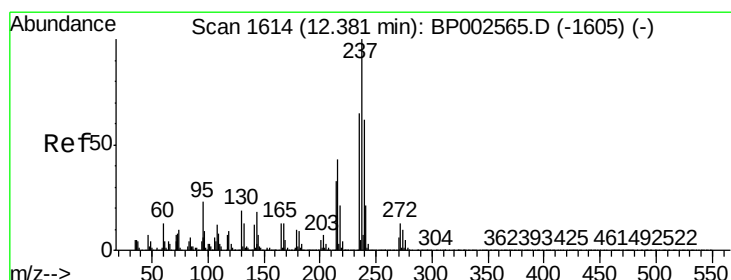
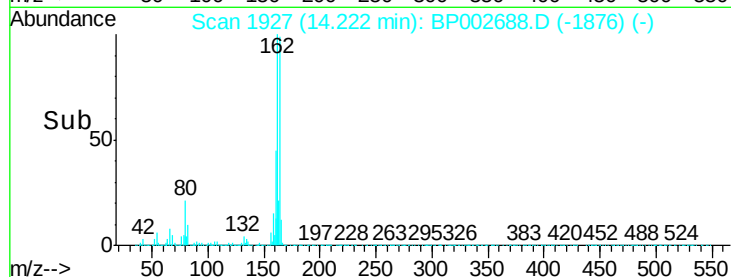
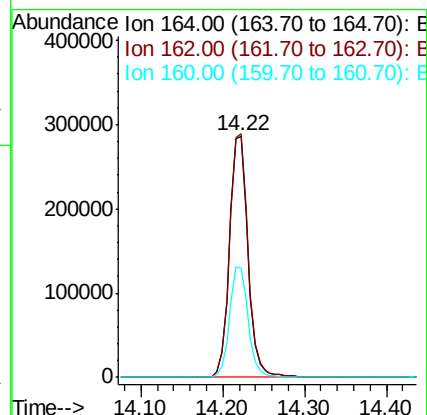
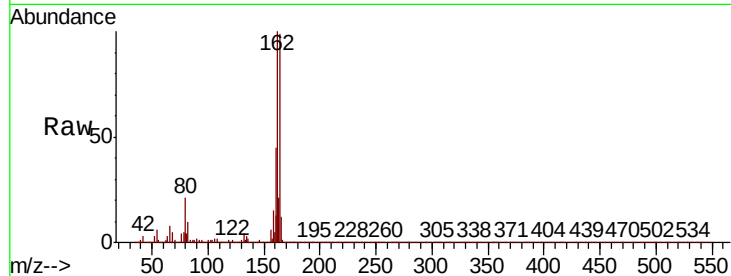
Tot Ion:164 Resp: 451063

Ion Ratio Lower Upper

164 100

162 100.8 80.3 120.5

160 45.0 35.0 52.6



#41

Hexachlorocyclopentadiene

Concen: 4.383 ng

RT: 12.45 min Scan# 1625

Delta R.T. 0.07 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

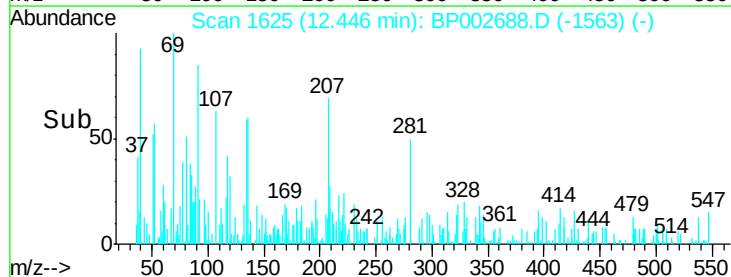
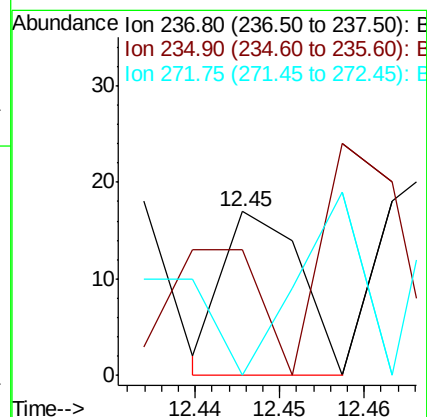
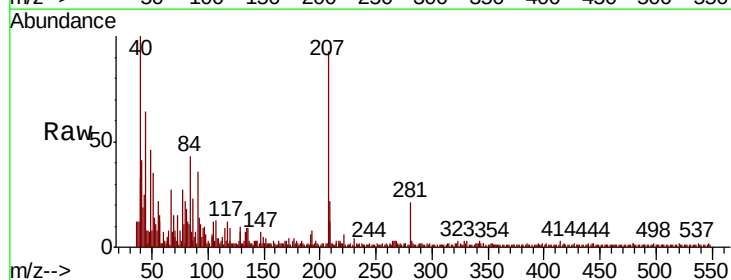
Tgt Ion:237 Resp: 11

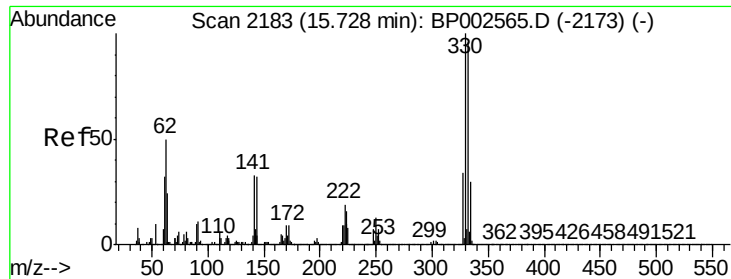
Ion Ratio Lower Upper

237 100

235 76.5 45.4 85.4

272 0.0 0.0 32.6

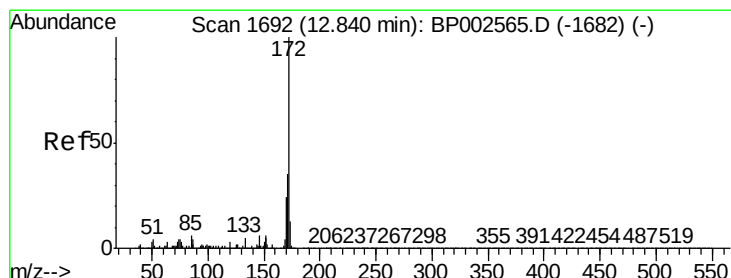
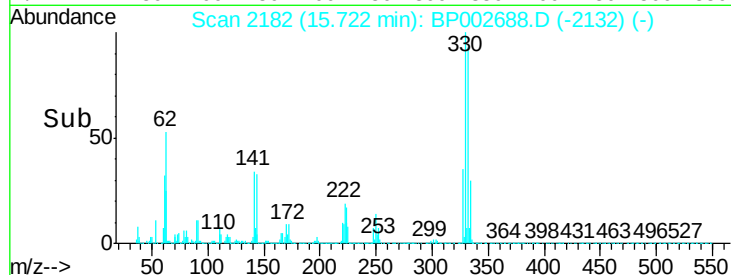
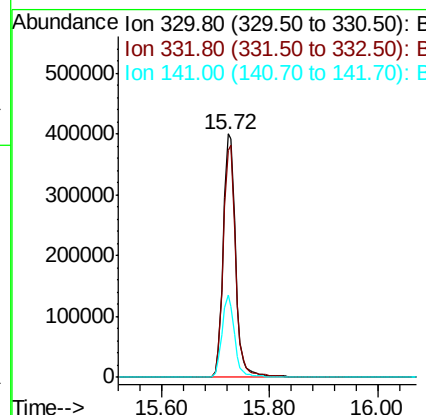
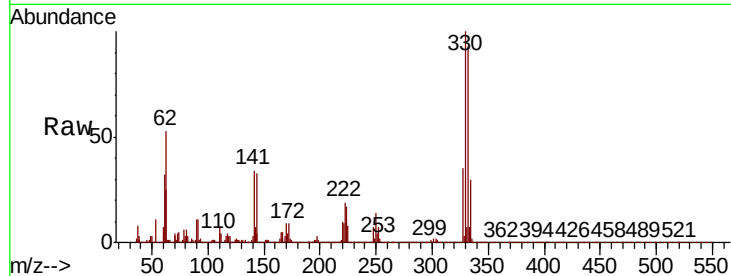




#42
 2,4,6-Tribromophenol
 Concen: 117.803 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

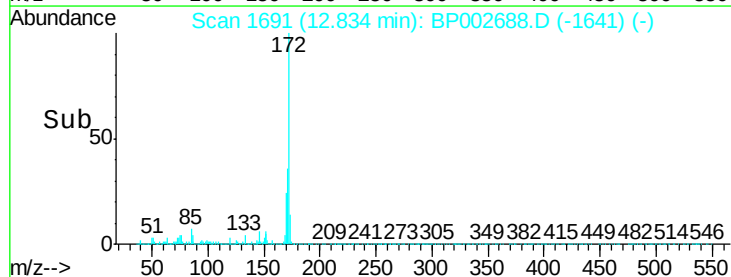
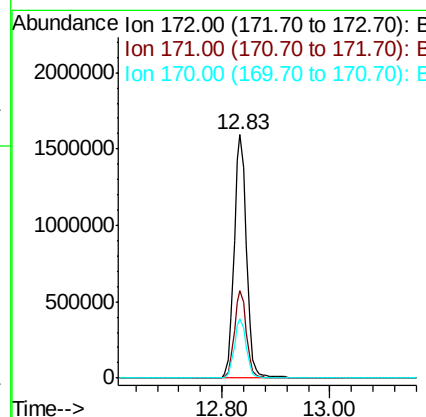
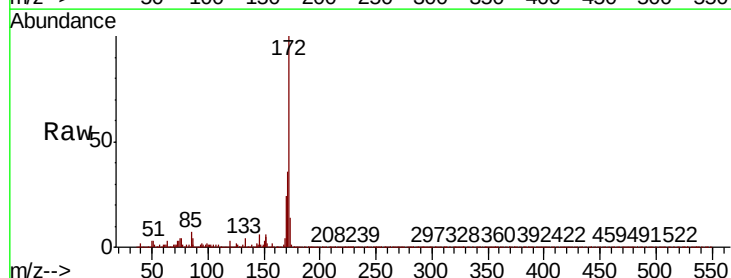
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 PB130021BL

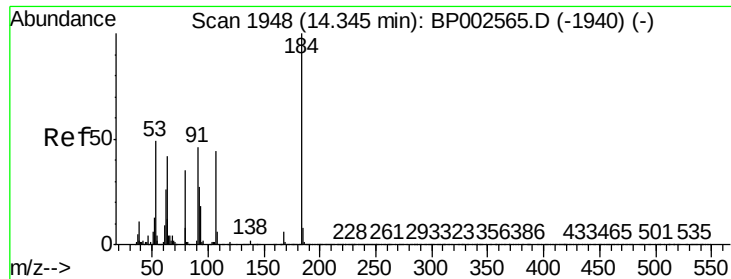
Tot Ion:330 Resp: 646288
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 34.5 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 85.329 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Tgt Ion:172 Resp: 2615011
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.0 42.0
 170 24.3 19.0 28.4

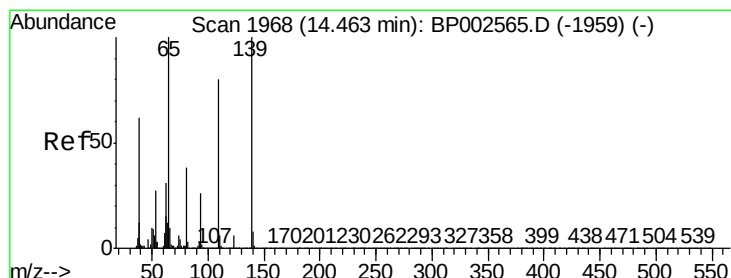
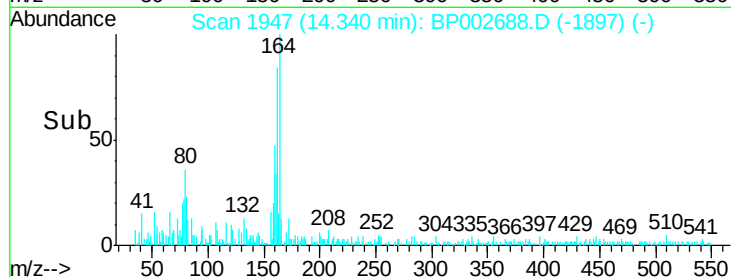
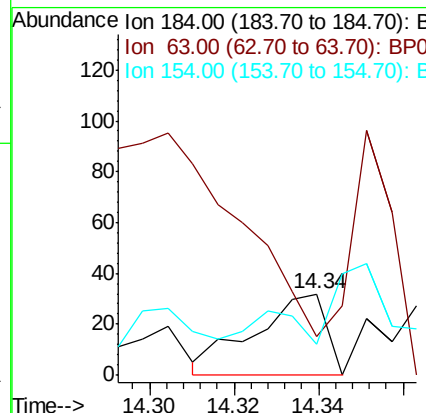
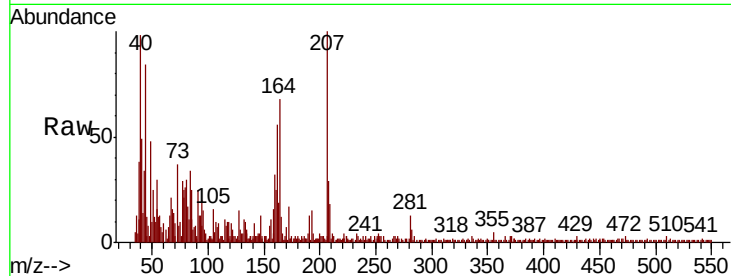




#54
2,4-Dinitrophenol
Concen: 6.016 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

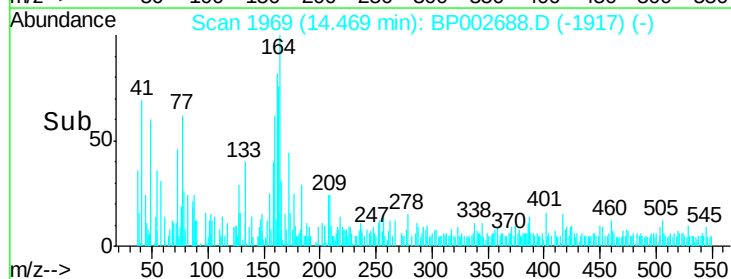
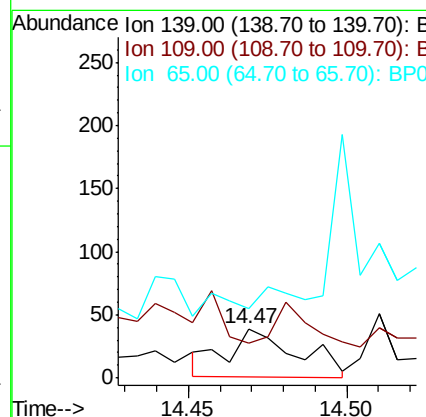
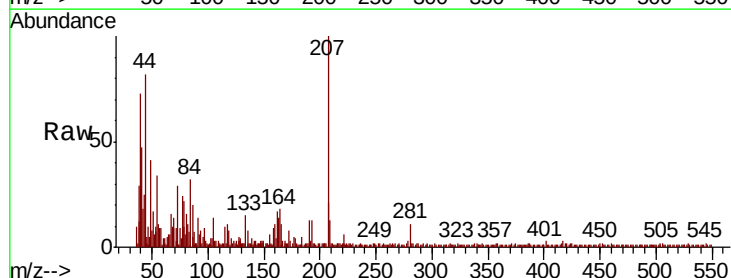
Instrument :
BNA_P
ClientSampleId :
PB130021BL

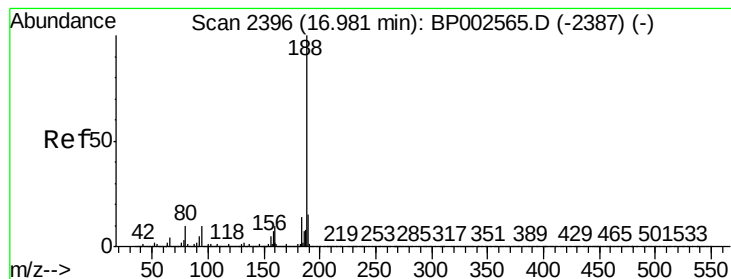
Tot Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 46.9 56.2 84.2#
154 37.5 50.9 76.3#



#56
4-Nitrophenol
Concen: 2.445 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 71.8 60.1 100.1
65 141.0 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: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB130021BL

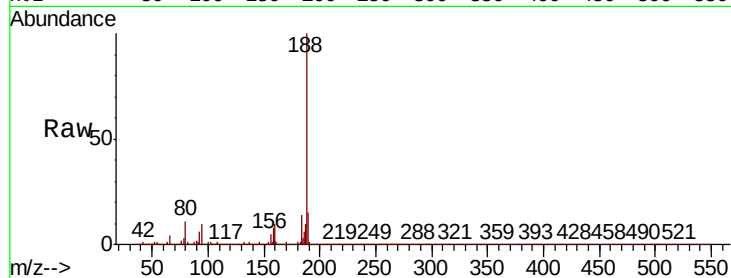
Tot Ion:188 Resp: 936287

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 11.2 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

800000

600000

400000

200000

0

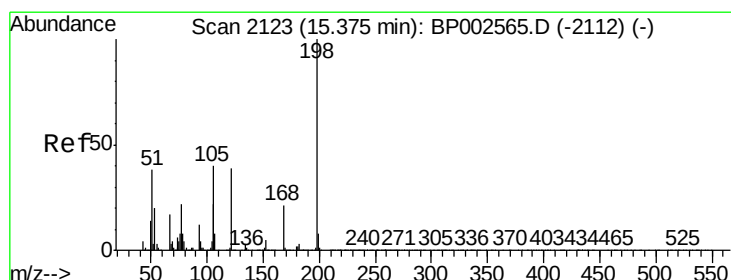
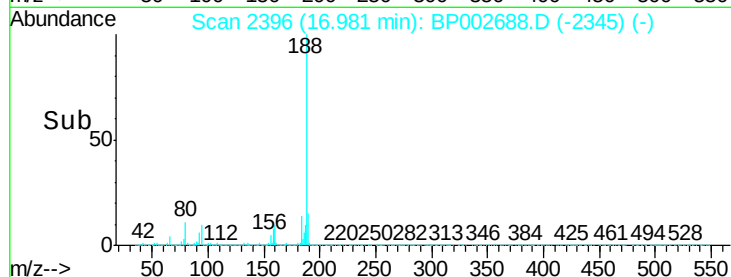
16.98

16.90

17.00

17.10

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 2.711 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

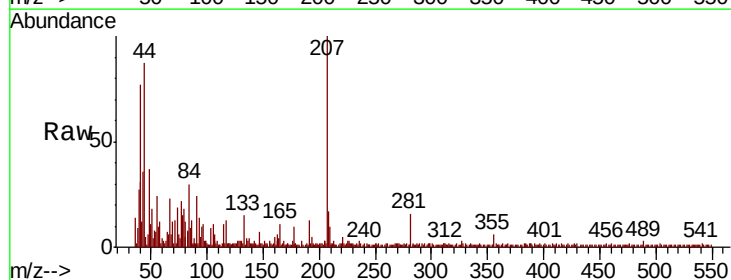
Tgt Ion:198 Resp: 9

Ion Ratio Lower Upper

198 100

51 819.0 24.2 64.2#

105 519.0 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

250

200

150

100

50

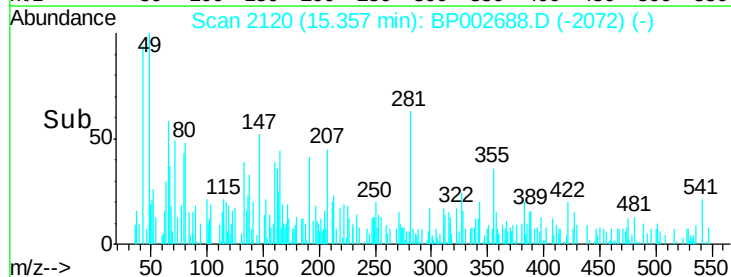
0

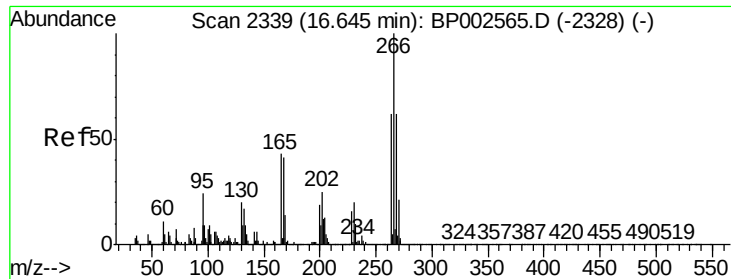
15.34

15.35

15.36

Time-->





#70

Pentachlorophenol

Concen: 2.670 ng

RT: 16.64 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

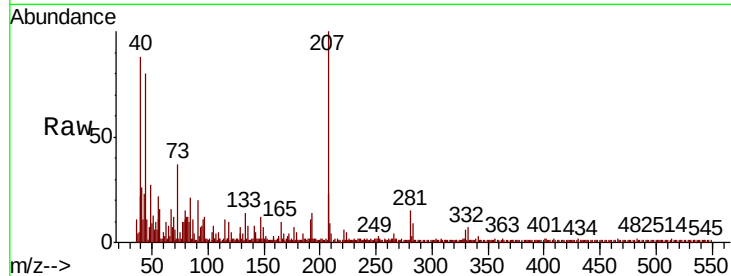
BNA_P

ClientSampleId :

PB130021BL

Tot Ion:266 Resp: 54

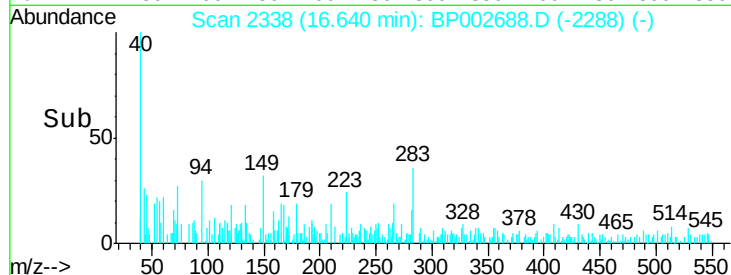
Ion	Ratio	Lower	Upper
266	100		
268	50.0	49.7	74.5
264	52.2	49.3	73.9



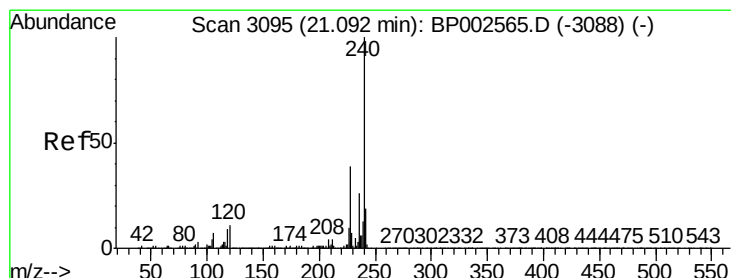
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

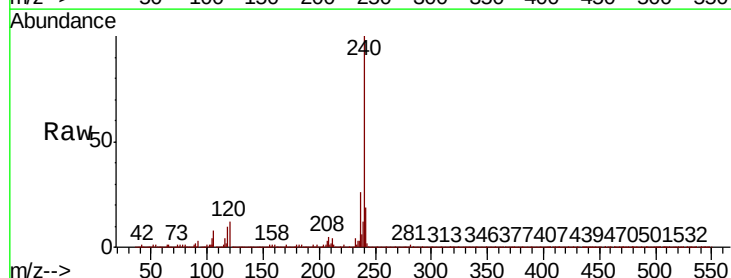
Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Tgt Ion:240 Resp: 942162

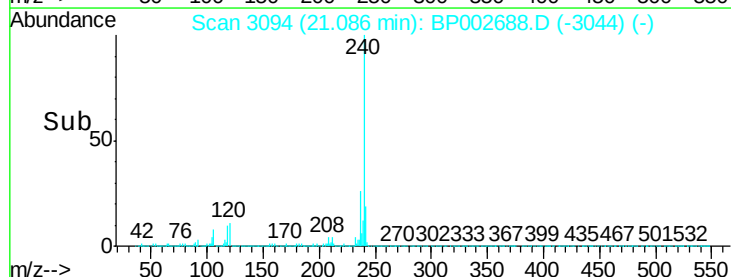
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	25.9	20.8	31.2



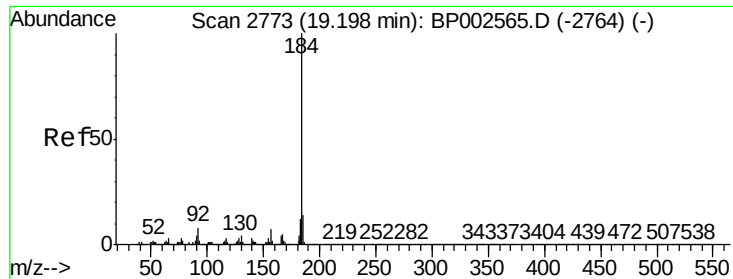
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 3.783 ng

RT: 19.23 min Scan# 2778

Delta R.T. 0.03 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB130021BL

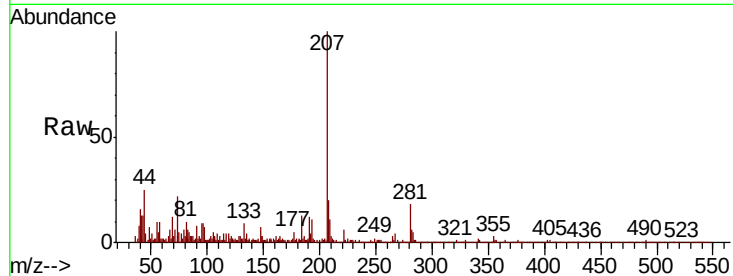
Tot Ion:184 Resp: 1172

Ion Ratio Lower Upper

184 100

185 16.9 11.4 17.2

183 9.5 9.2 13.8

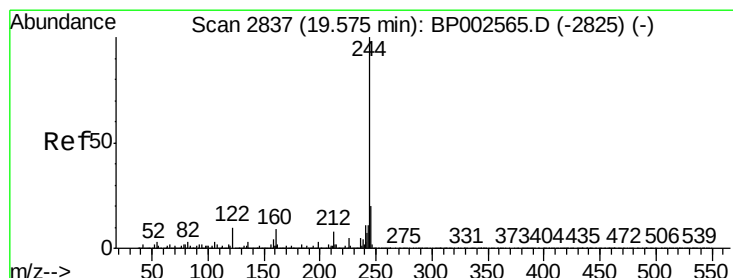
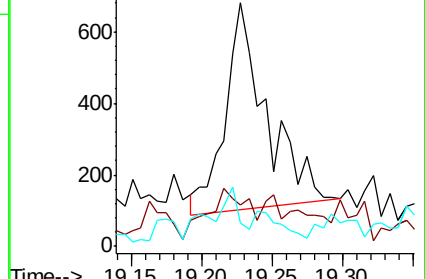
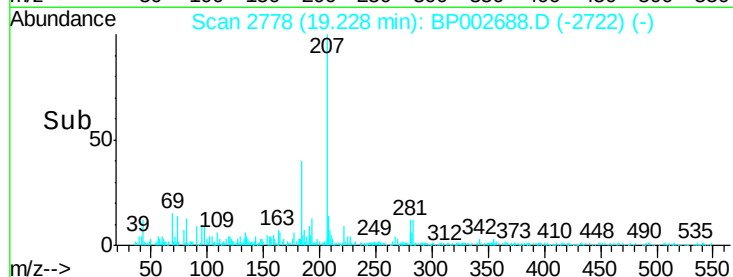


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.23



#79

Terphenyl-d14

Concen: 84.050 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

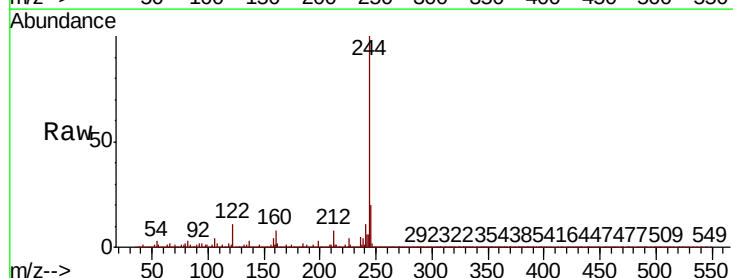
Tgt Ion:244 Resp: 3668710

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 10.6 7.9 11.9

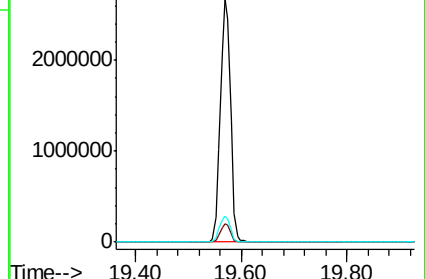
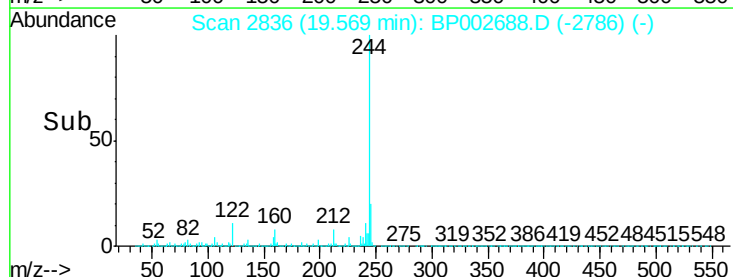


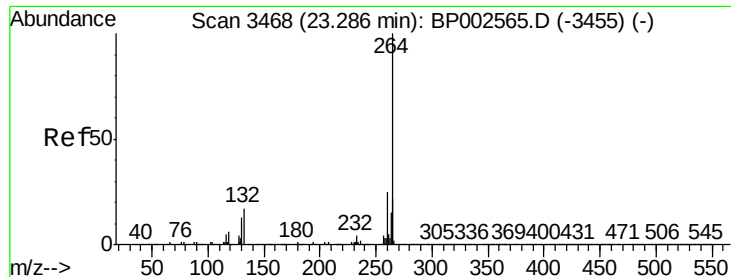
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.57

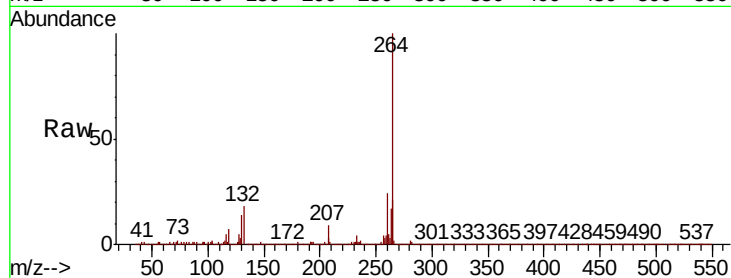




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB130021BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.4	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

