

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002657.D
 Acq On : 07 Jul 2020 14:41
 Operator : CG/JU
 Sample : L3217-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E3-41-COMP-1-FLOOR

Quant Time: Jul 07 16:33:43 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	164148	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	651013	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	409555	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	892472	20.00	ng	0.00
76) Chrysene-d12	21.09	240	891410	20.00	ng	0.00
86) Perylene-d12	23.27	264	931455	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	314020	32.39	ng	0.00
7) Phenol-d6	6.76	99	626030	46.26	ng	-0.01
23) Nitrobenzene-d5	8.71	82	813684	64.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	113346	22.75	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1830992	65.80	ng	0.00
79) Terphenyl-d14	19.56	244	2740672	66.36	ng	-0.01

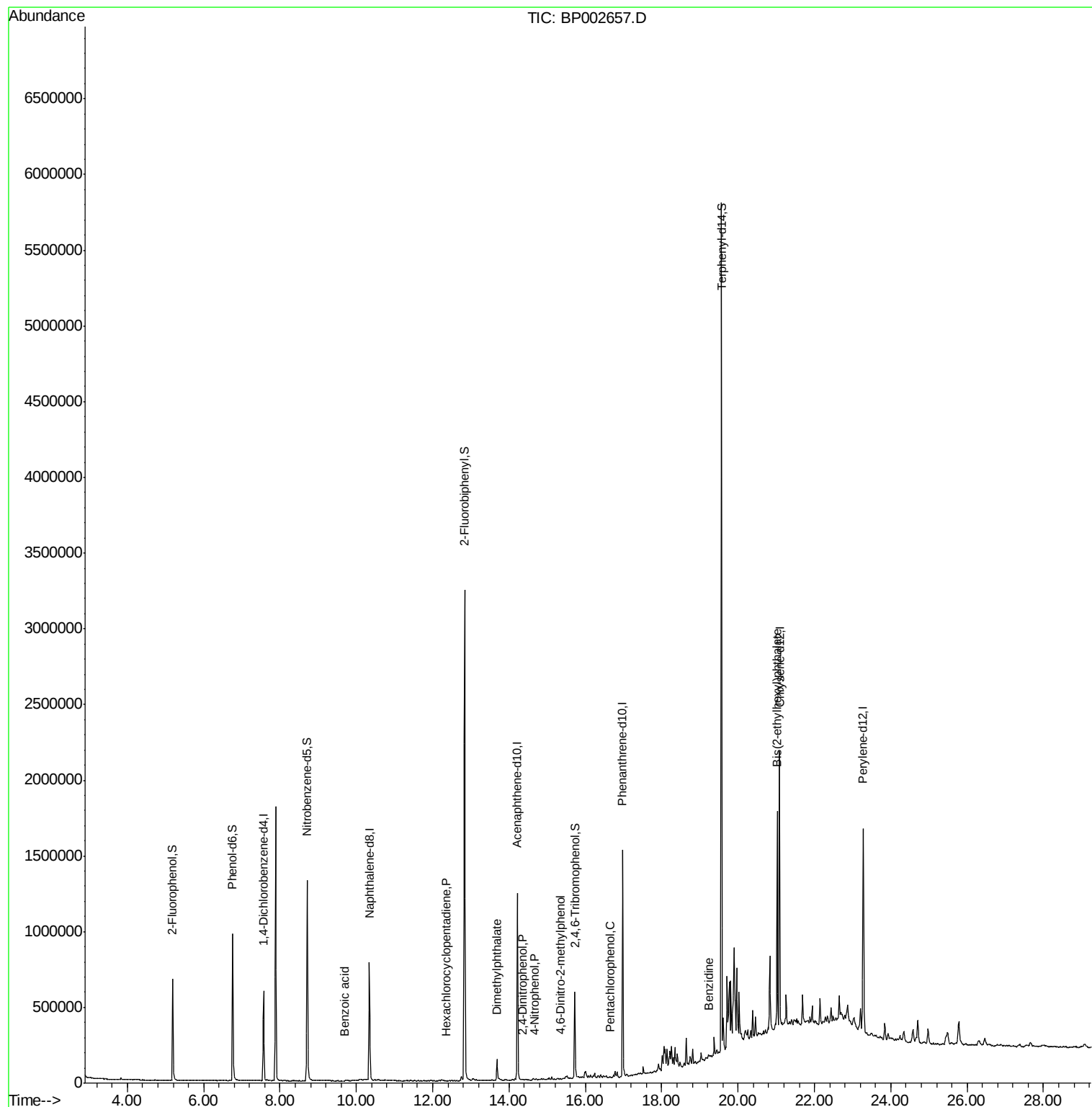
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	82	Below Cal		# 41
32) Benzoic acid	9.68	122	57	8.706	ng	# 1
41) Hexachlorocyclopentadiene	12.33	237	21	4.385	ng	74
50) Dimethylphthalate	13.68	163	110851	3.446	ng	98
54) 2,4-Dinitrophenol	14.34	184	19	6.013	ng	# 1
56) 4-Nitrophenol	14.66	139	63	2.446	ng	94
65) 4,6-Dinitro-2-methylphenol	15.36	198	19	2.713	ng	# 1
70) Pentachlorophenol	16.65	266	61	2.671	ng	# 52
77) Benzidine	19.22	184	1233	3.786	ng	# 7
84) Bis(2-ethylhexyl)phthalate	21.02	149	474215	12.467	ng	100

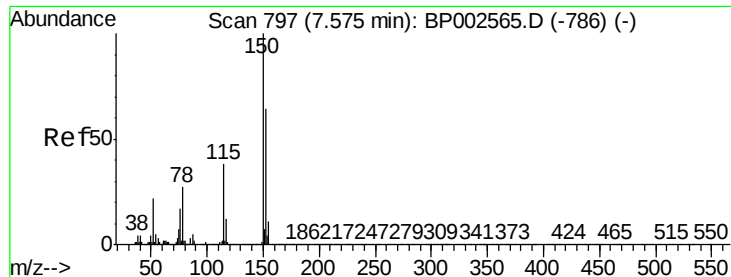
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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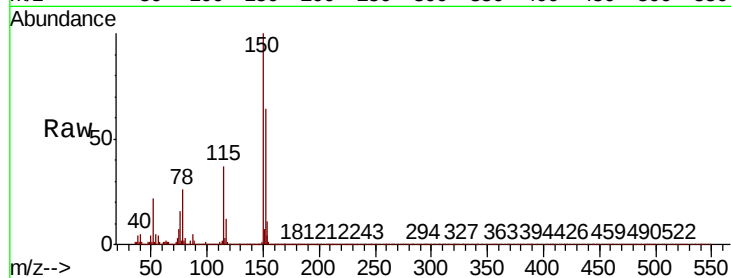


#1

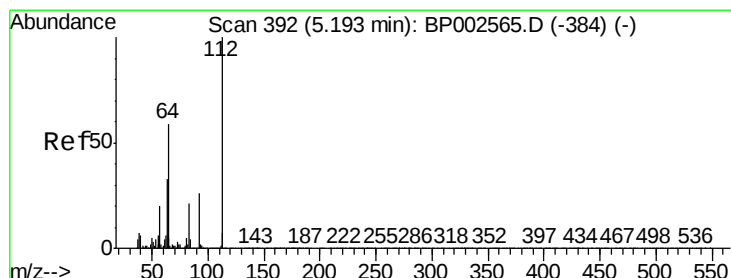
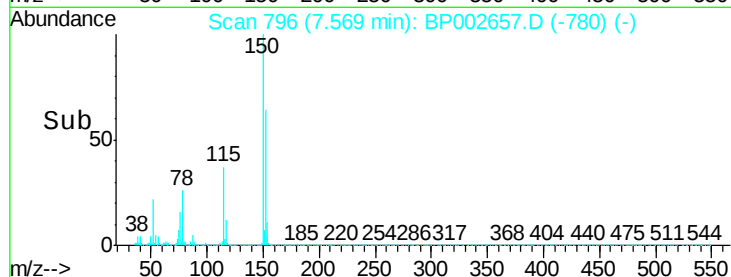
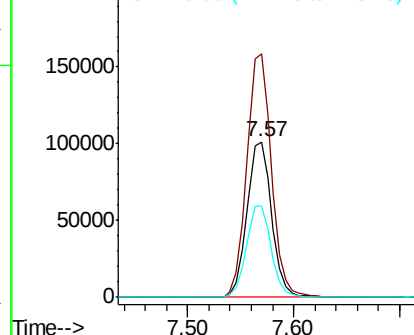
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.6	47.1	70.7



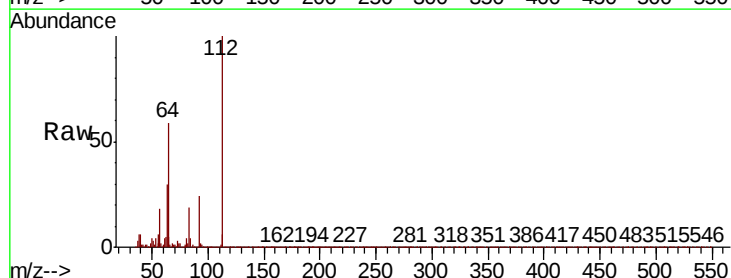
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



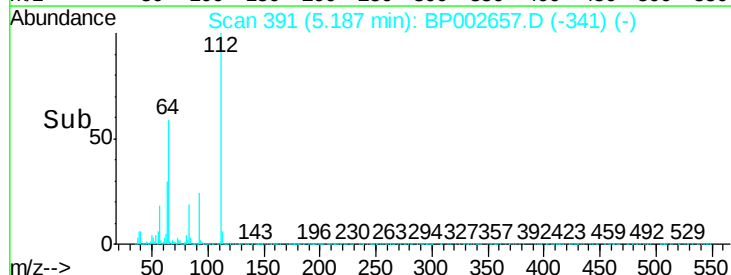
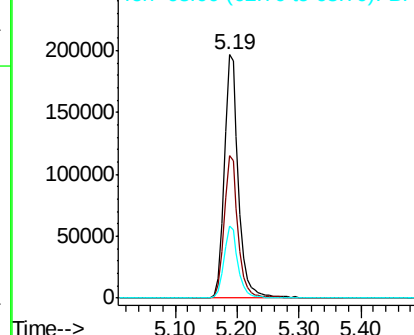
#5

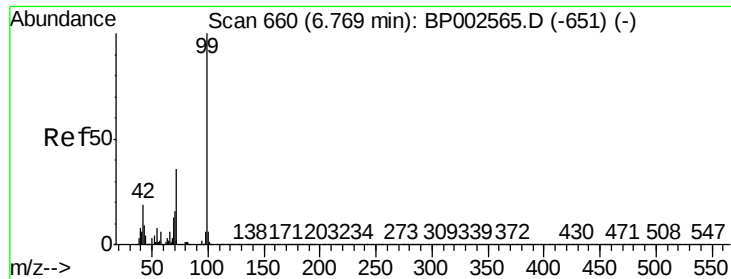
2-Fluorophenol
Concen: 32.390 ng
RT: 5.19 min Scan# 391
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.6
63	29.7	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: 46.264 ng

RT: 6.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

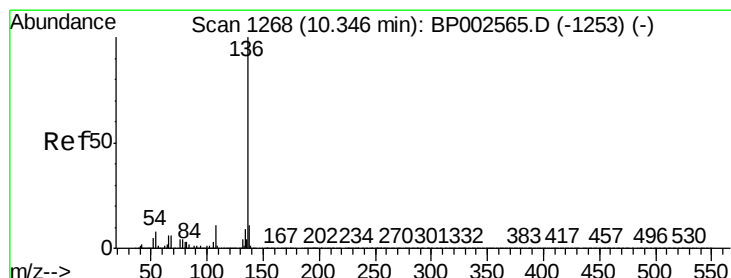
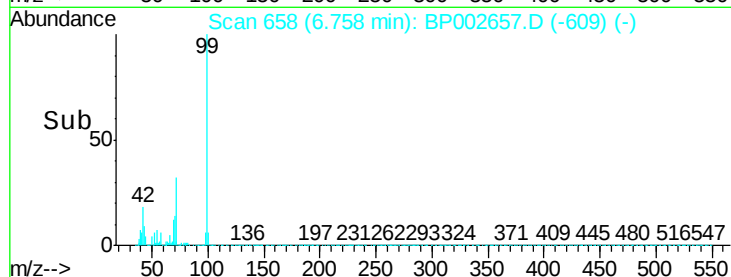
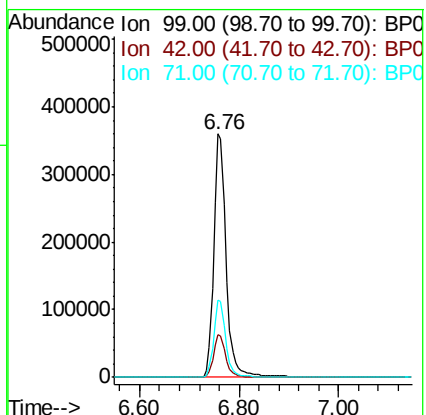
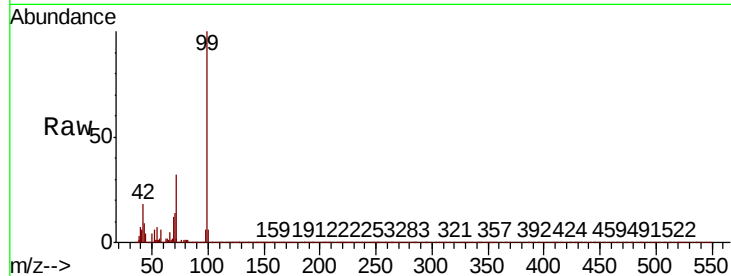
Tot Ion: 99 Resp: 626030

Ion Ratio Lower Upper

99 100

42 17.6 15.5 23.3

71 31.6 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: BP002657.D

Acq: 07 Jul 2020 14:41

Tgt Ion: 136 Resp: 651013

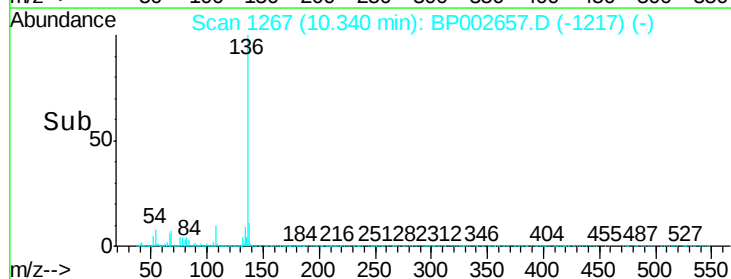
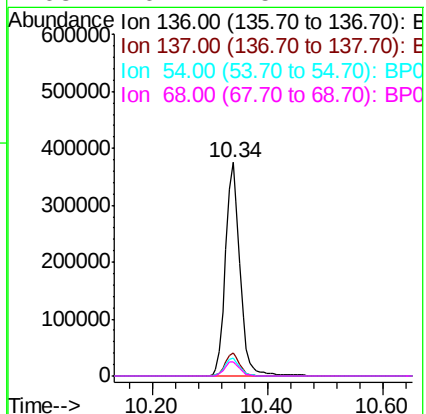
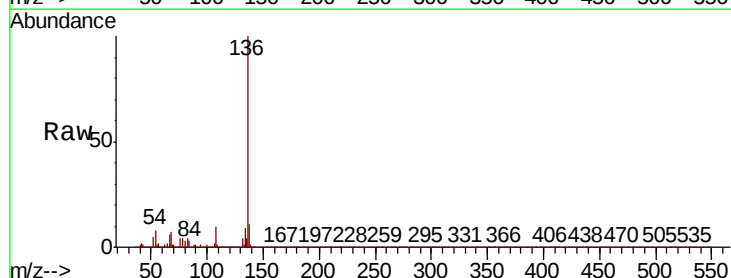
Ion Ratio Lower Upper

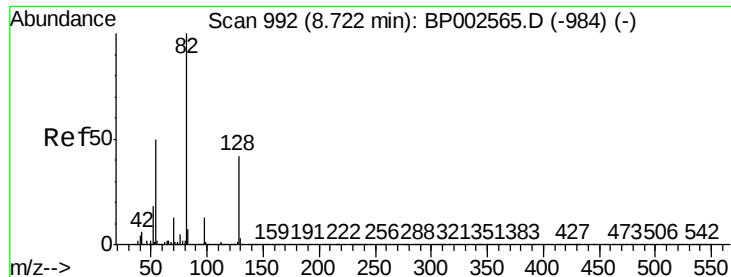
136 100

137 11.1 8.8 13.2

54 8.4 6.4 9.6

68 6.7 5.1 7.7

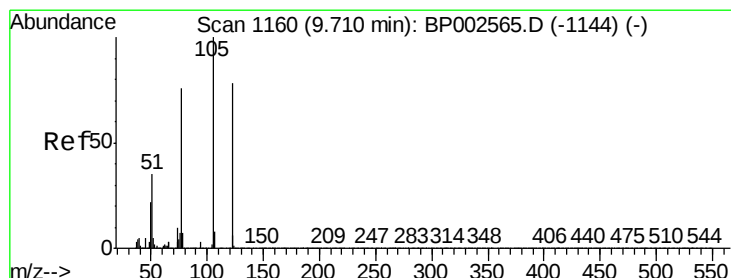
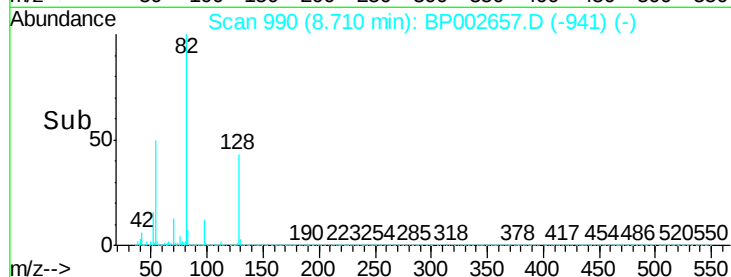
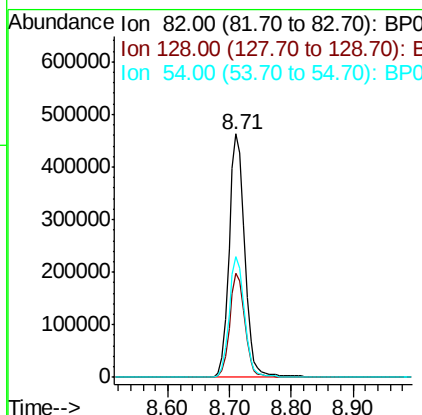
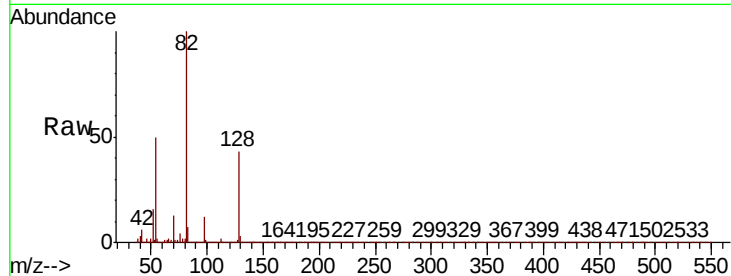




#23
Nitrobenzene-d5
Concen: 64.400 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

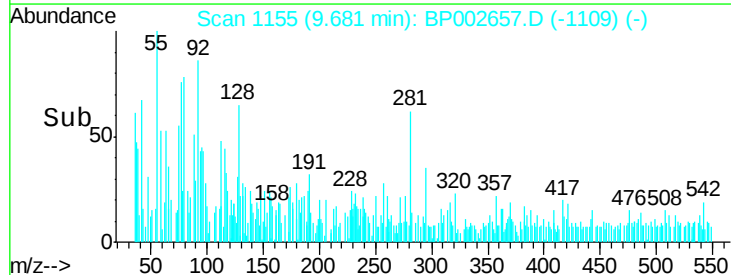
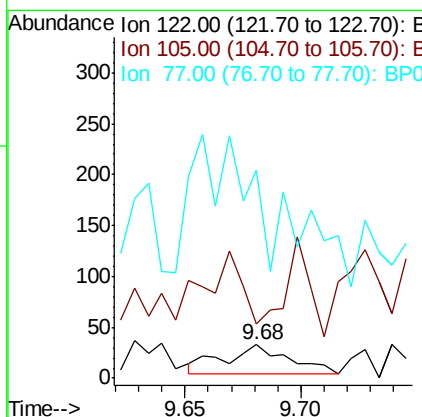
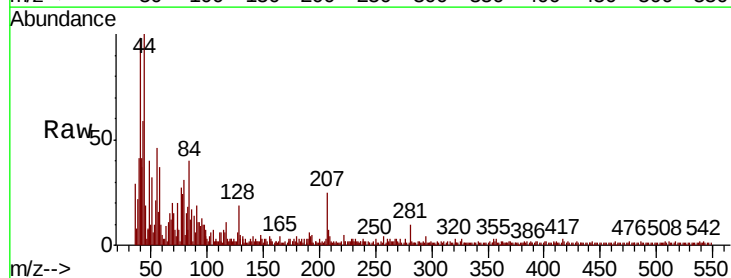
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

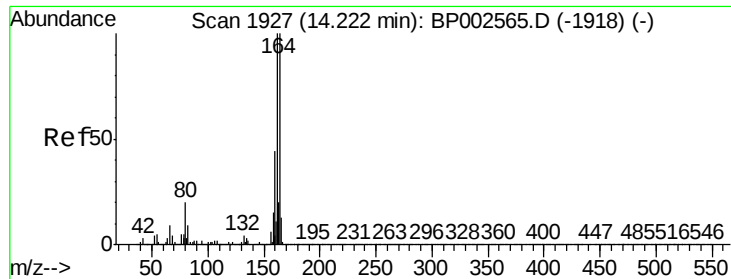
Tot Ion	82	Resp	813684
Ion Ratio	Lower	Upper	
82	100		
128	42.8	33.4	50.2
54	49.6	40.1	60.1



#32
Benzoic acid
Concen: 8.706 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Tgt Ion	122	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	160.6	106.6	146.6#
77	618.2	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: BP002657.D

Acq: 07 Jul 2020 14:41

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

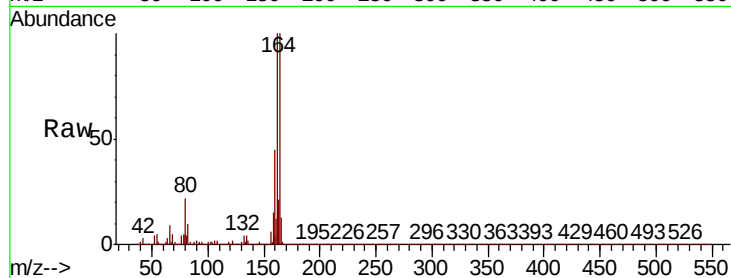
Tot Ion:164 Resp: 409555

Ion Ratio Lower Upper

164 100

162 100.0 80.3 120.5

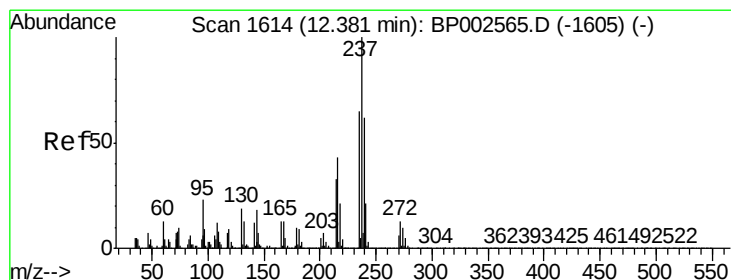
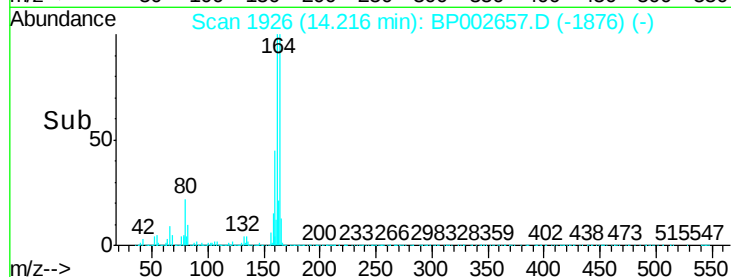
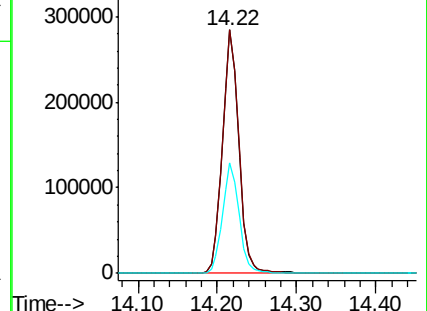
160 45.1 35.0 52.6



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: 4.385 ng

RT: 12.33 min Scan# 1606

Delta R.T. -0.05 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

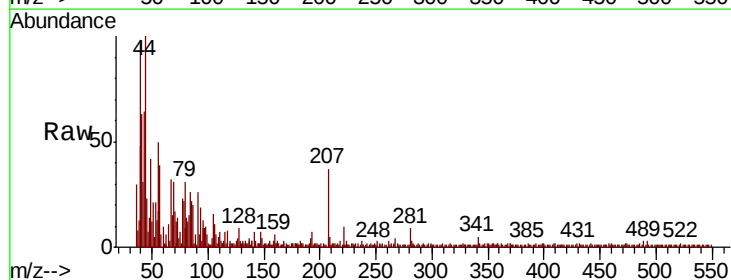
Tgt Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 47.8 45.4 85.4

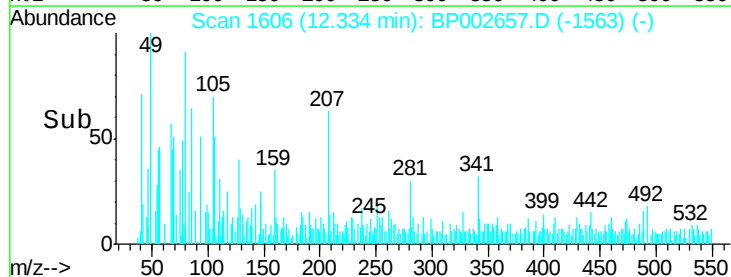
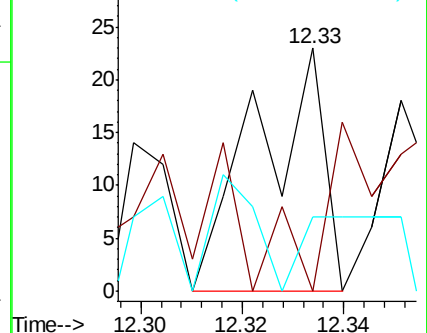
272 30.4 0.0 32.6

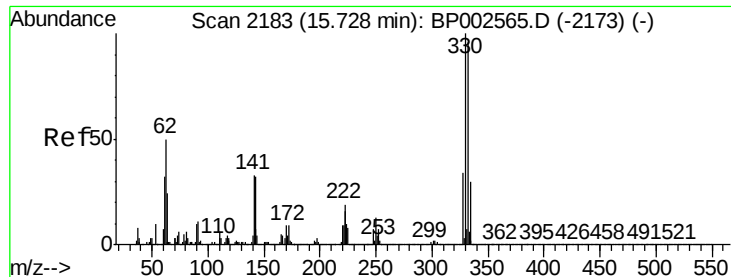


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

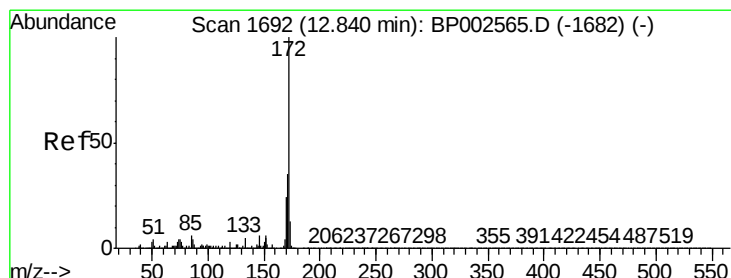
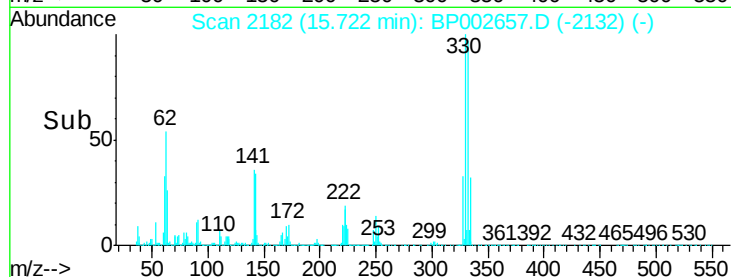
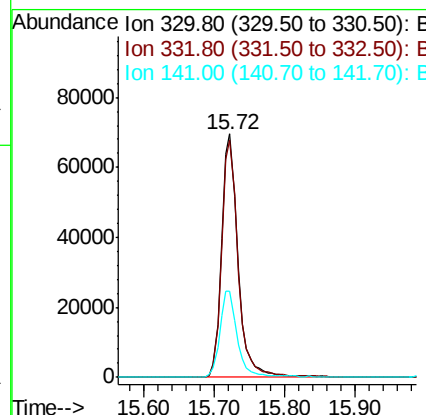
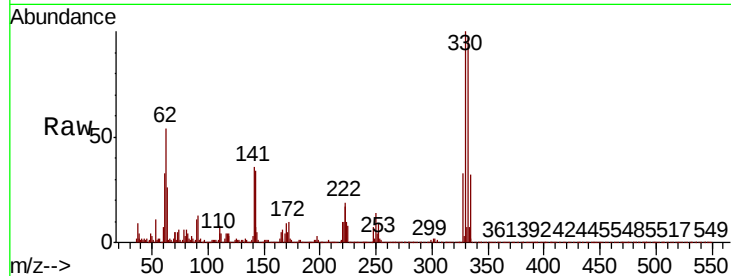




#42
 2,4,6-Tribromophenol
 Concen: 22.754 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002657.D
 Acq: 07 Jul 2020 14:41

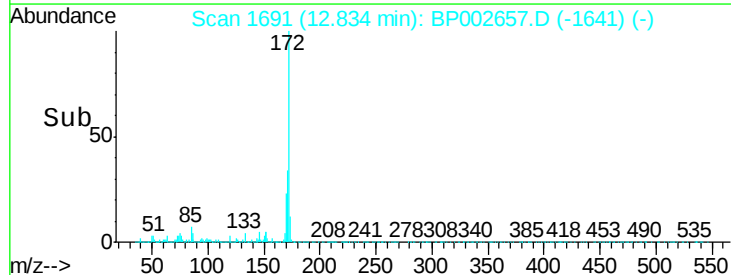
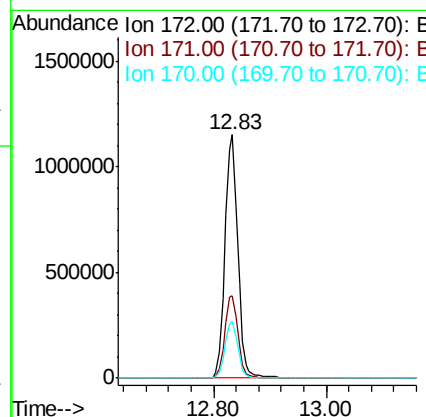
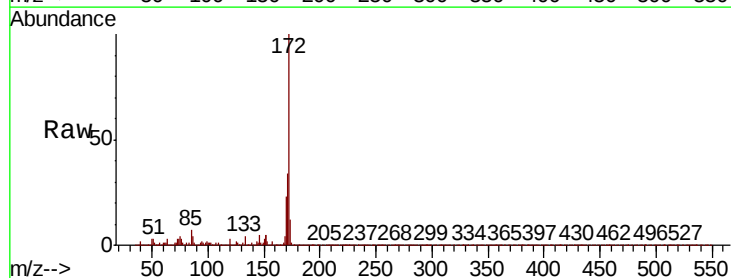
Instrument :
 BNA_P
 ClientSampleId :
 E3-41-COMP-1-FLOOR

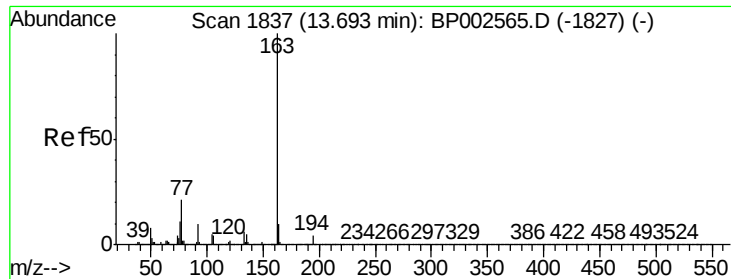
Tot Ion:330 Resp: 113346
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.7 116.5
 141 37.0 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 65.801 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002657.D
 Acq: 07 Jul 2020 14:41

Tgt Ion:172 Resp: 1830992
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.0 42.0
 170 23.3 19.0 28.4





#50

Dimethylphthalate

Concen: 3.446 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

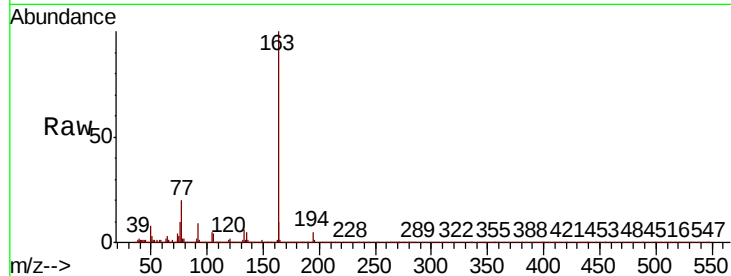
Tot Ion:163 Resp: 110851

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

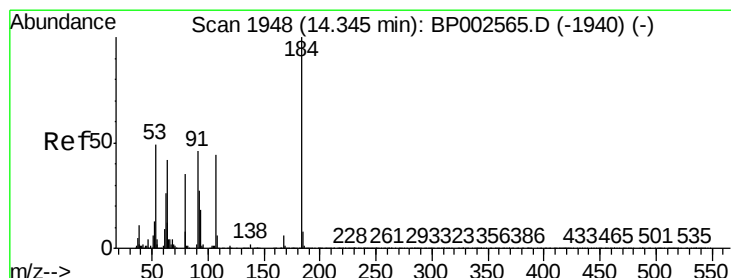
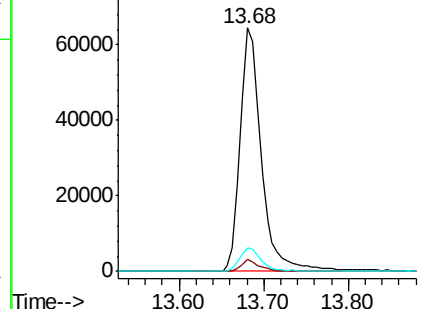
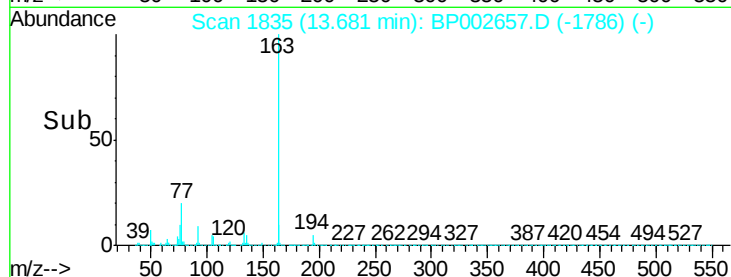
164 9.8 8.2 12.4



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: 6.013 ng

RT: 14.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

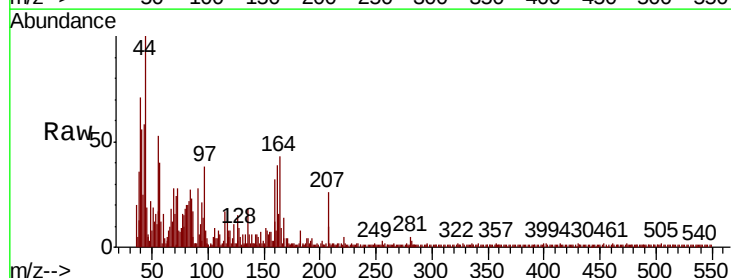
Tgt Ion:184 Resp: 19

Ion Ratio Lower Upper

184 100

63 359.1 56.2 84.2#

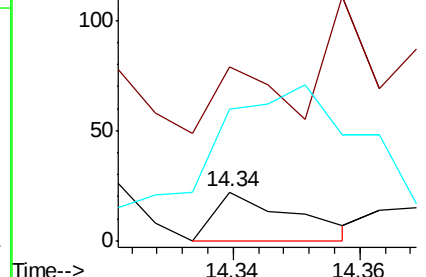
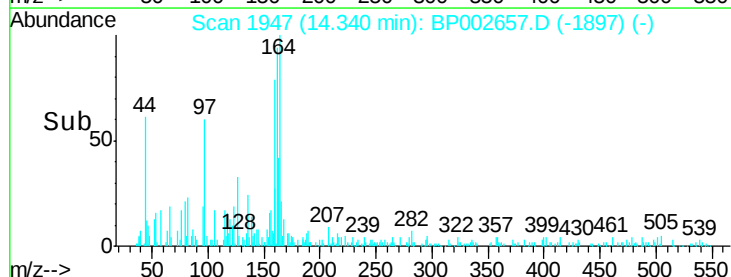
154 272.7 50.9 76.3#

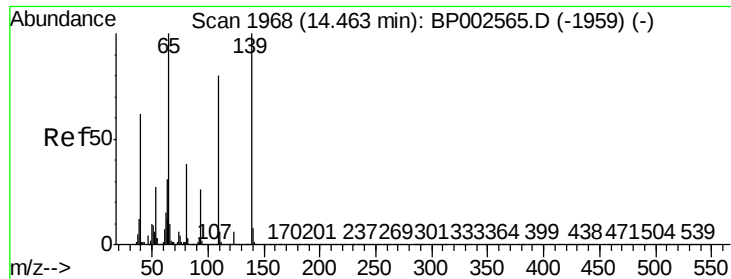


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

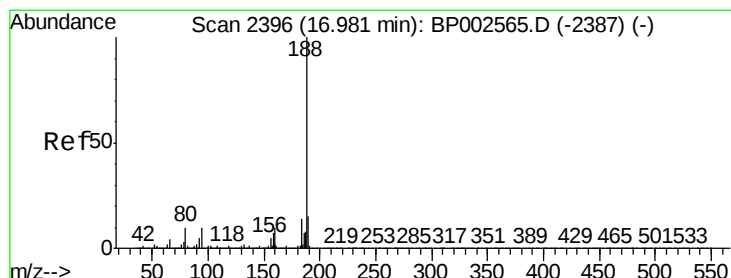
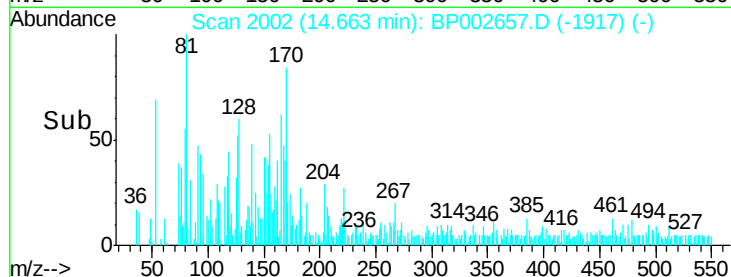
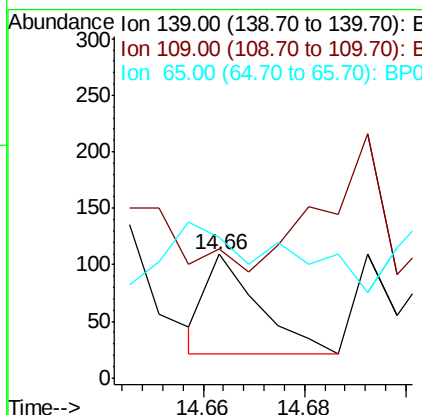
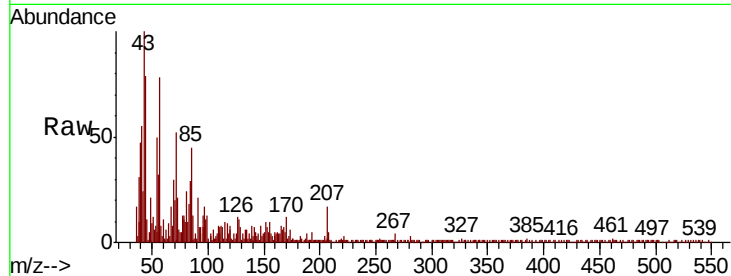




#56
4-Nitrophenol
Concen: 2.446 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.20 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

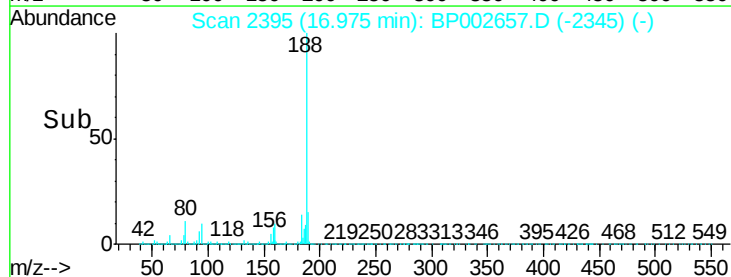
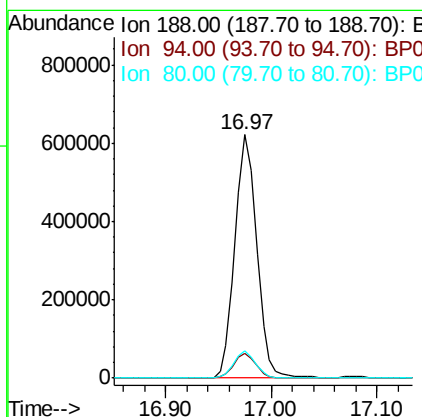
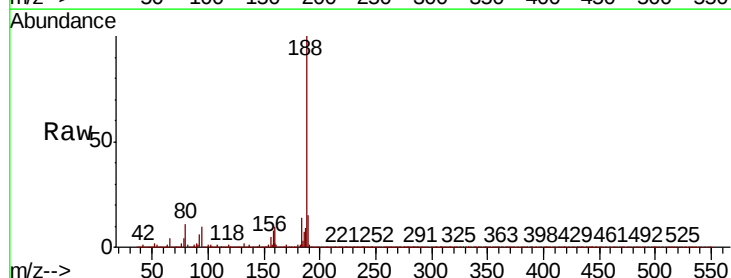
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

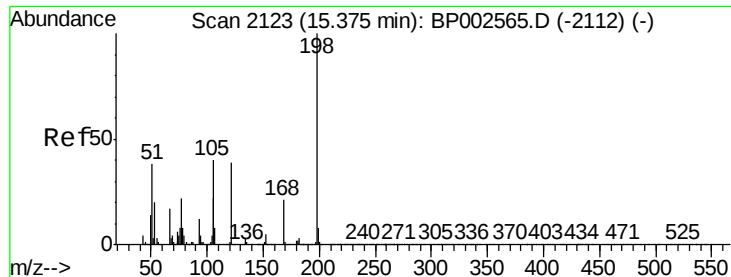
Tot Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 89.1 60.1 100.1
65 96.9 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Tgt Ion:188 Resp: 892472
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.3 8.2 12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.713 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

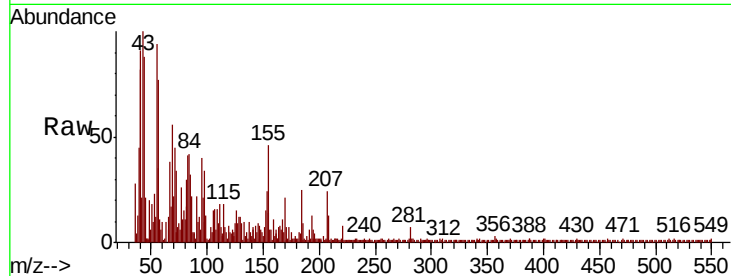
Tot Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 881.8 24.2 64.2#

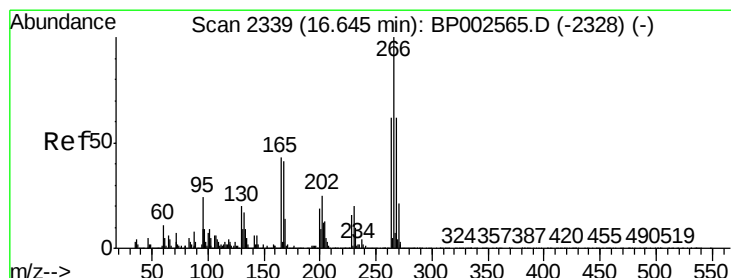
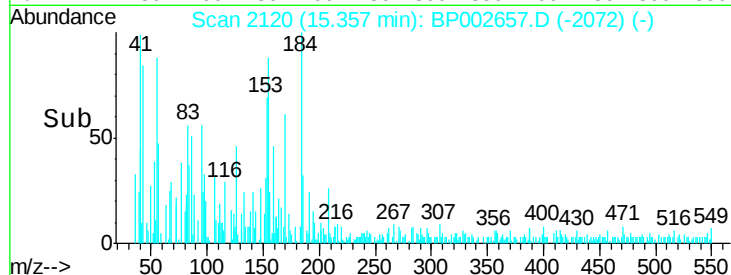
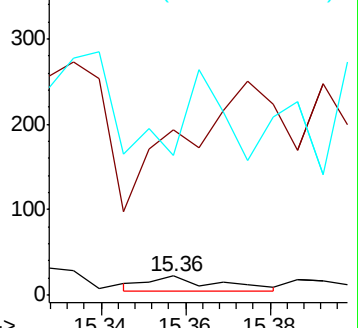
105 740.9 20.7 60.7#



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: 2.671 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

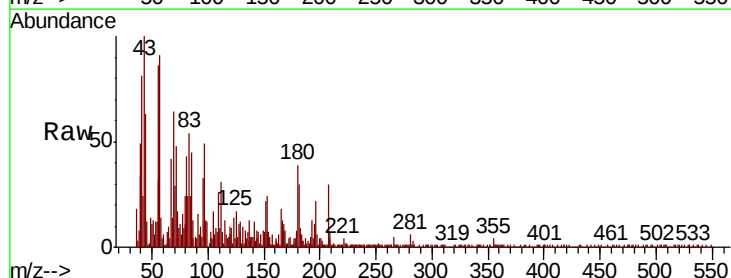
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

268 21.4 49.7 74.5#

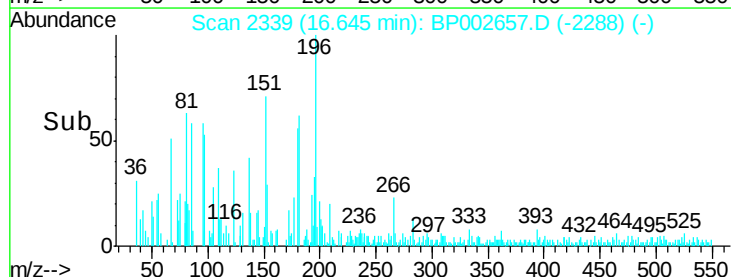
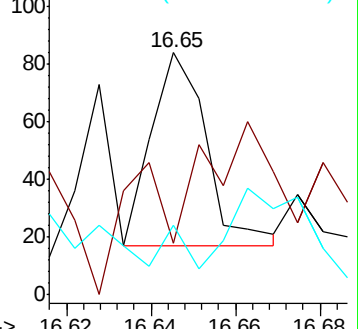
264 28.6 49.3 73.9#

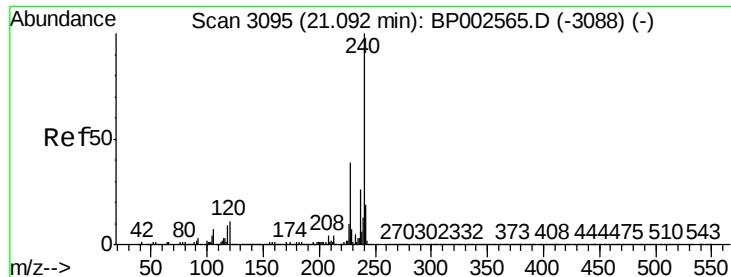


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

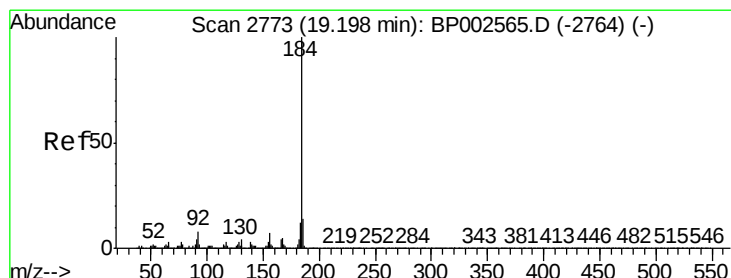
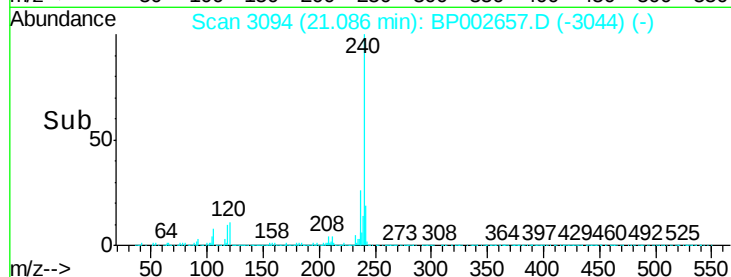
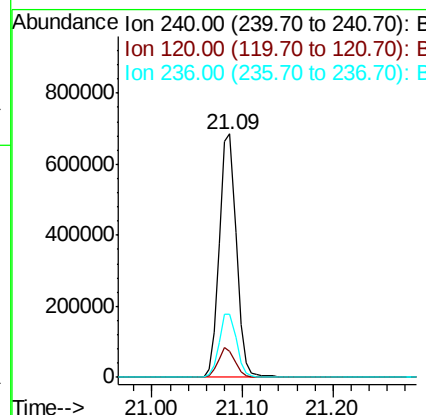
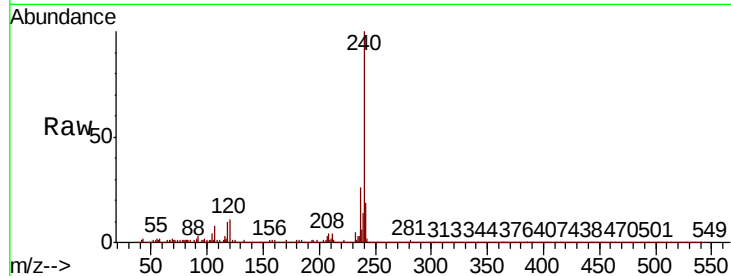




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

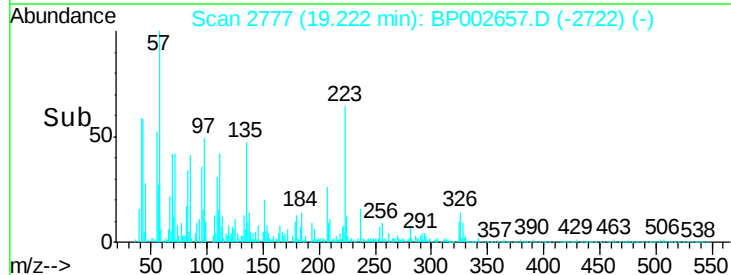
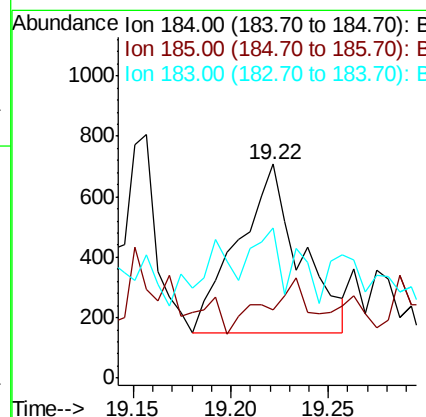
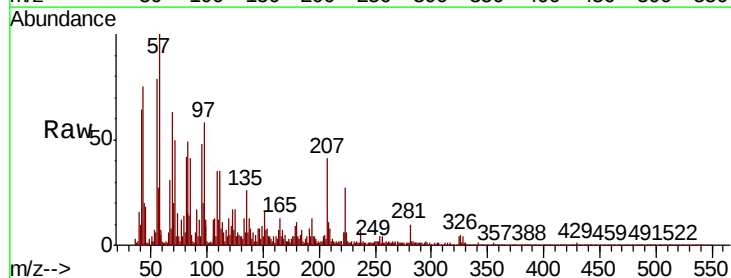
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

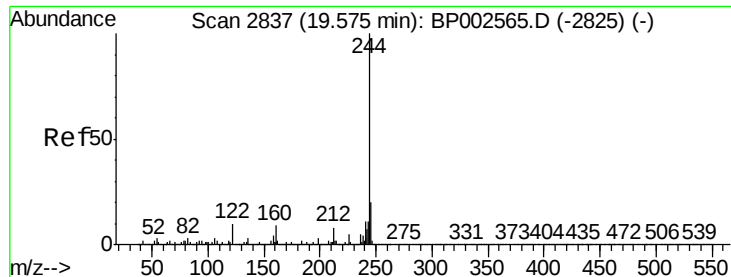
Tot Ion:240 Resp: 891410
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.8 20.8 31.2



#77
Benzidine
Concen: 3.786 ng
RT: 19.22 min Scan# 2777
Delta R.T. 0.02 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Tgt Ion:184 Resp: 1233
Ion Ratio Lower Upper
184 100
185 32.2 11.4 17.2#
183 70.3 9.2 13.8#





#79

Terphenyl-d14

Concen: 66.363 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

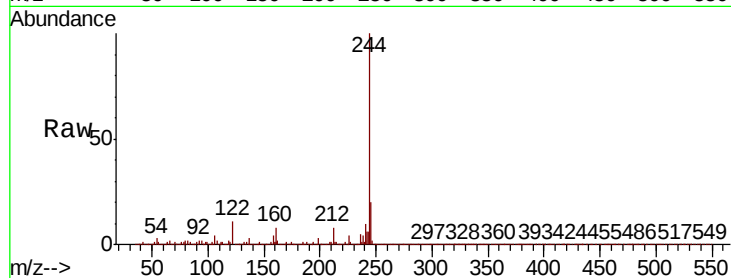
Tot Ion:244 Resp: 2740672

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

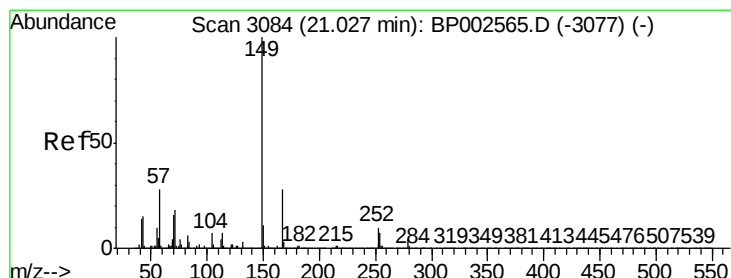
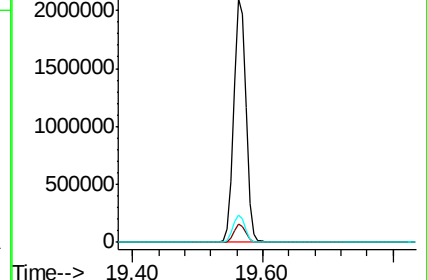
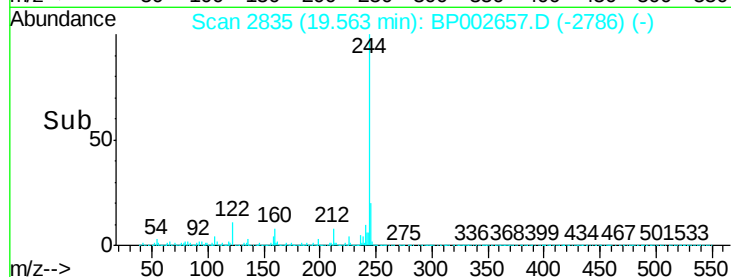
122 11.5 7.9 11.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.467 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002657.D

Acq: 07 Jul 2020 14:41

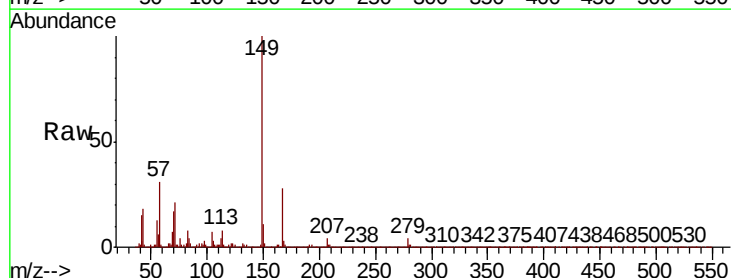
Tgt Ion:149 Resp: 474215

Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

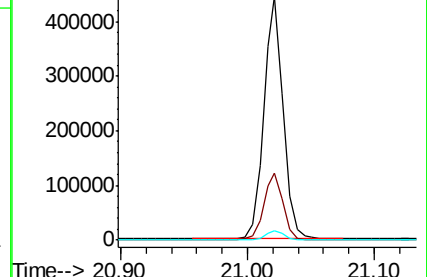
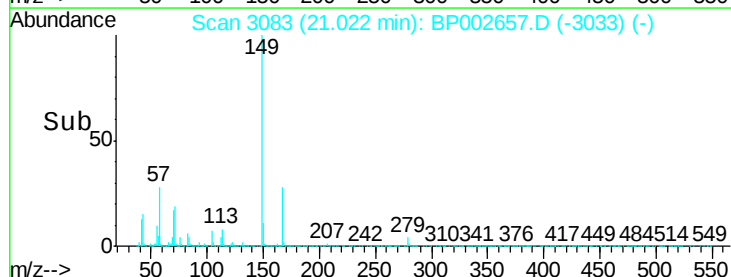
279 4.0 3.4 5.0

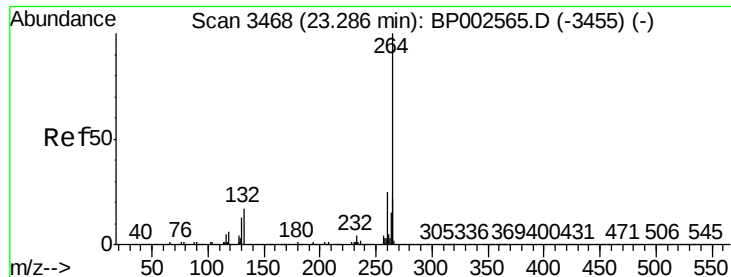


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

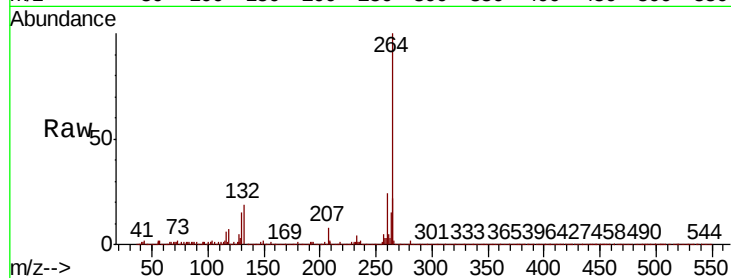




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BP002657.D
Acq: 07 Jul 2020 14:41

Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.1	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

