

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002670.D
 Acq On : 08 Jul 2020 12:20
 Operator : CG/JU
 Sample : L3217-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 08 13:12:10 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	206316	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	837566	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	541974	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1230427	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1409805	20.00	ng	0.00
86) Perylene-d12	23.28	264	1646272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	374095	30.70	ng	0.00
7) Phenol-d6	6.76	99	776004	45.63	ng	0.00
23) Nitrobenzene-d5	8.71	82	998721	61.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	203388	30.85	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	2427074	65.91	ng	0.00
79) Terphenyl-d14	19.57	244	3907992	59.83	ng	0.00

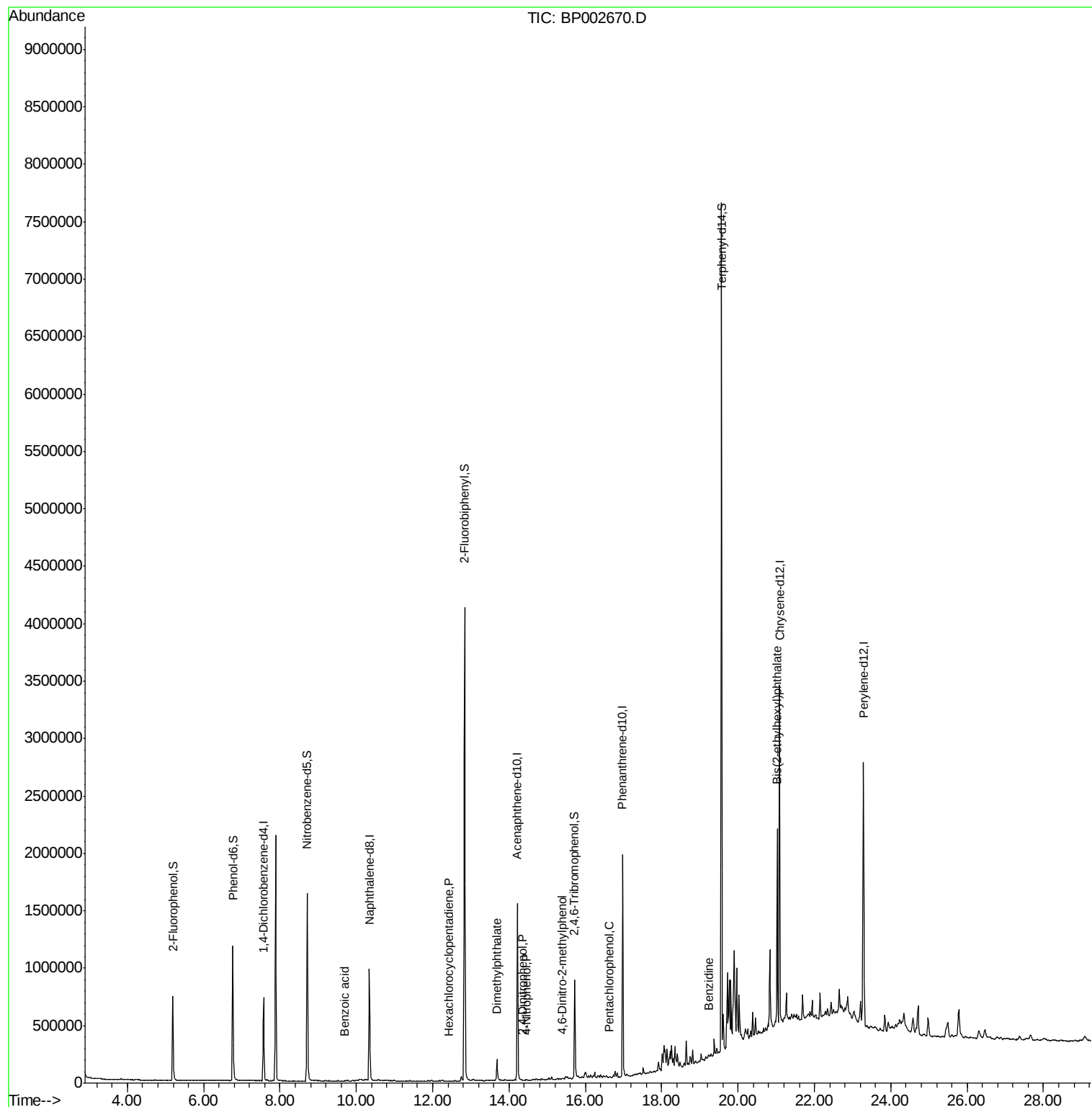
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	298	Below Cal		# 44
32) Benzoic acid	9.71	122	59	8.705	ng	# 53
41) Hexachlorocyclopentadiene	12.42	237	21	4.384	ng	# 89
50) Dimethylphthalate	13.68	163	148806	3.496	ng	# 100
54) 2,4-Dinitrophenol	14.35	184	71	6.020	ng	# 1
56) 4-Nitrophenol	14.43	139	153	2.455	ng	# 84
65) 4,6-Dinitro-2-methylphenol	15.38	198	12	2.711	ng	# 1
70) Pentachlorophenol	16.63	266	24	2.664	ng	# 38
77) Benzidine	19.22	184	465	3.763	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.02	149	604756	10.053	ng	# 98

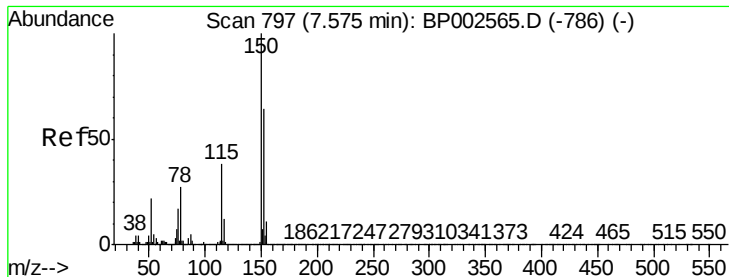
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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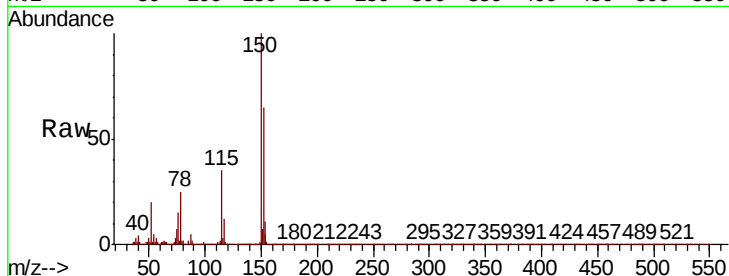


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	54.3	47.1	70.7

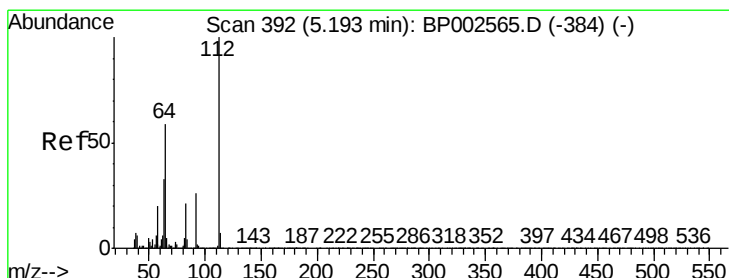
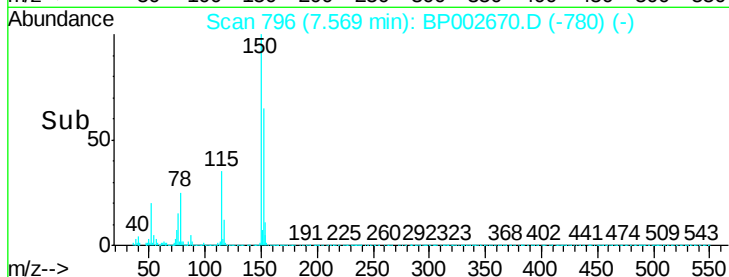
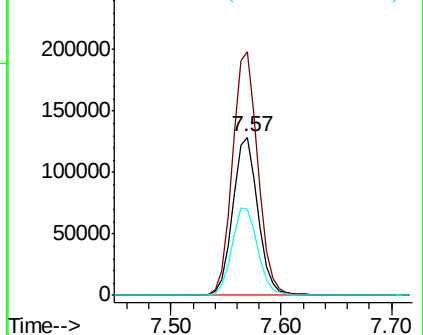


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

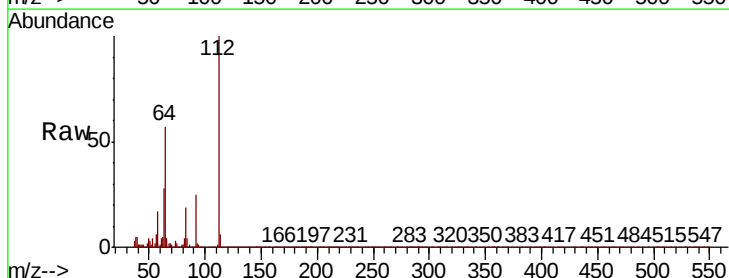
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.700 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.0	70.6
63	28.2	26.1	39.1

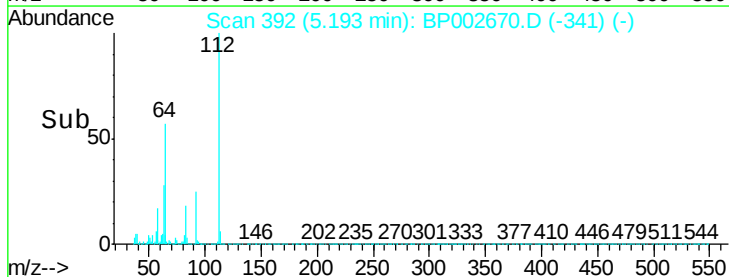
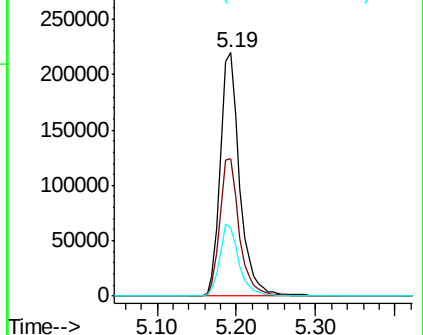


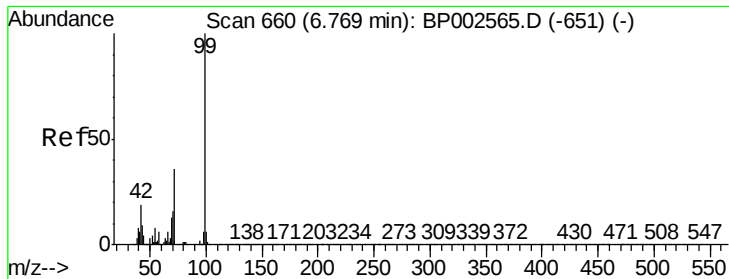
Abundance

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: 45.626 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOORRE

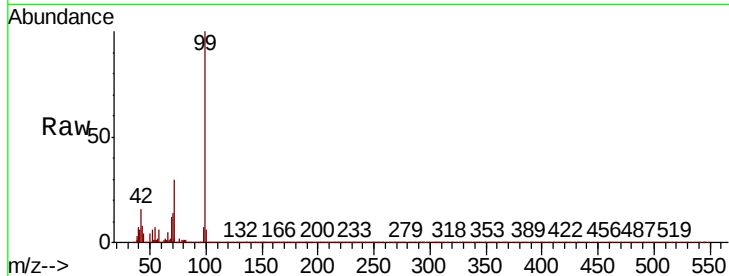
Tot Ion: 99 Resp: 776004

Ion Ratio Lower Upper

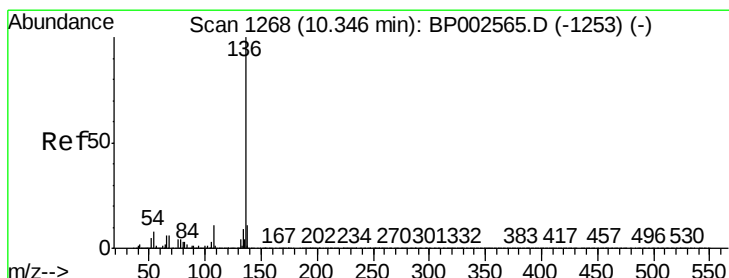
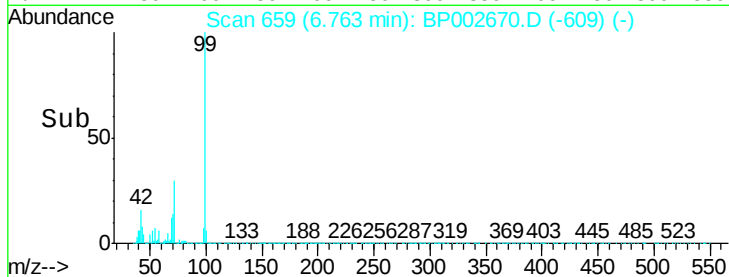
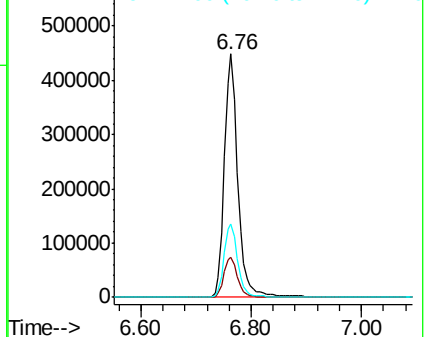
99 100

42 16.5 15.5 23.3

71 30.3 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: BP002670.D

Acq: 08 Jul 2020 12:20

Tgt Ion: 136 Resp: 837566

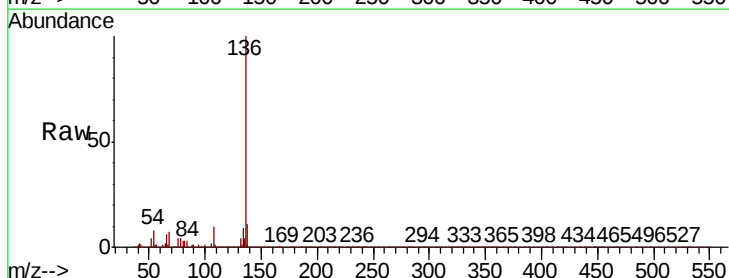
Ion Ratio Lower Upper

136 100

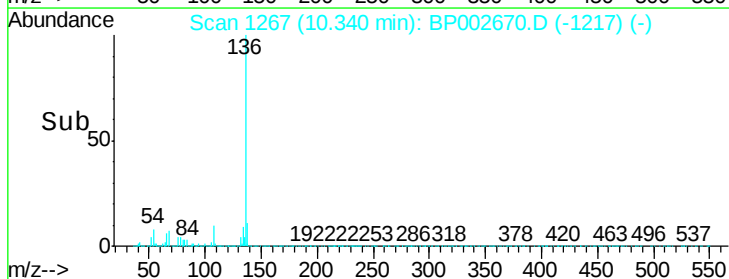
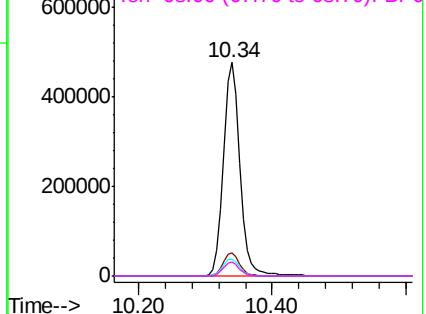
137 11.1 8.8 13.2

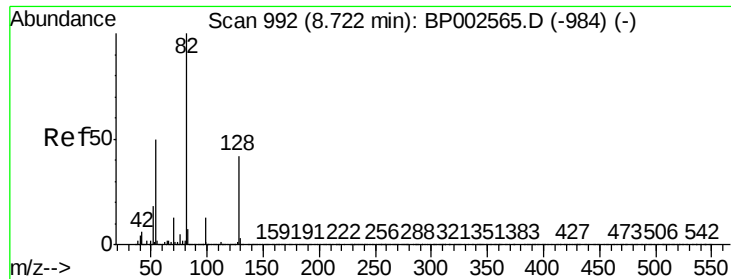
54 8.0 6.4 9.6

68 6.8 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

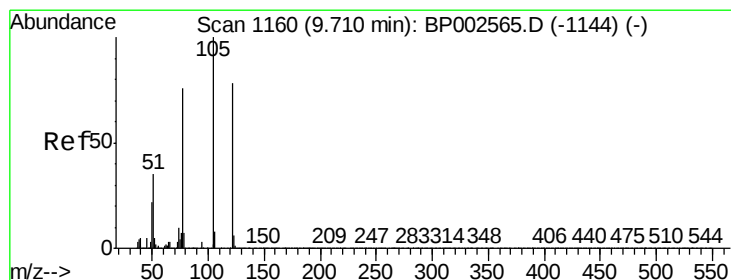
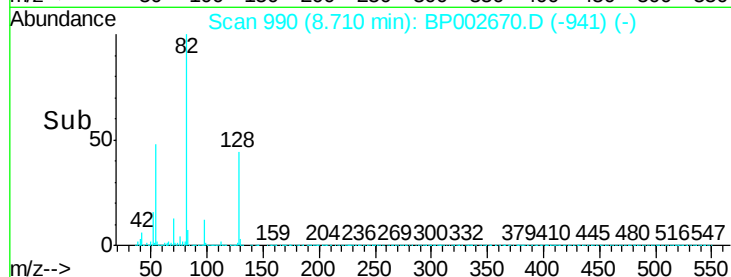
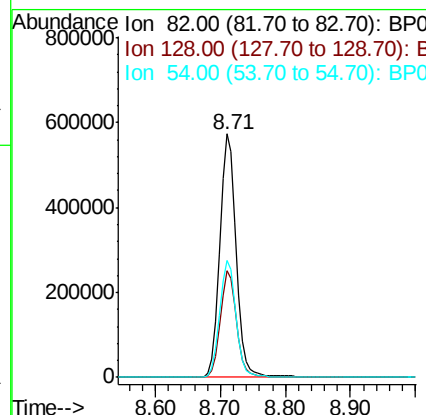
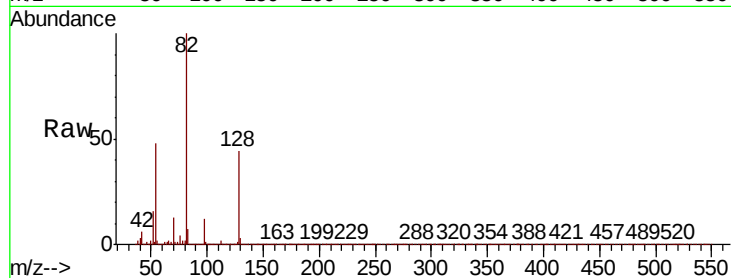




#23
 Nitrobenzene-d5
 Concen: 61.439 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002670.D
 Acq: 08 Jul 2020 12:20

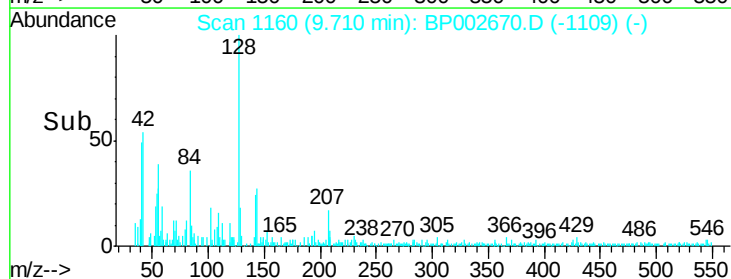
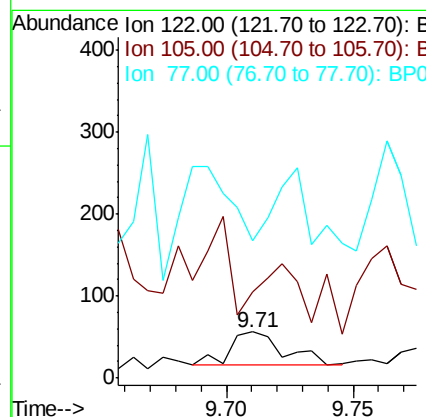
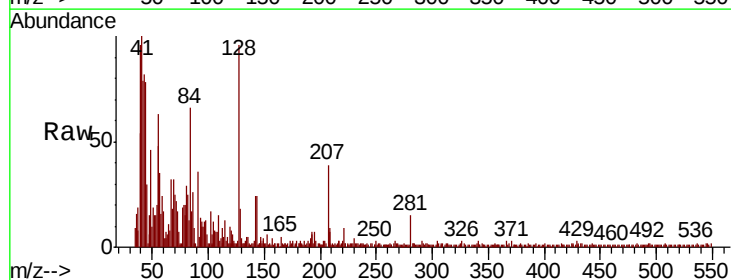
Instrument :
 BNA_P
 ClientSampleId :
 E3-41-COMP-1-FLOORRE

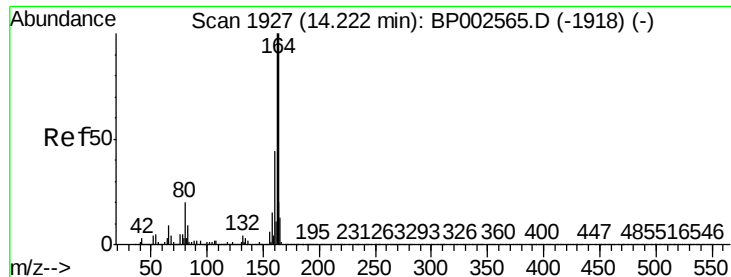
Tot Ion	82	Resp	998721
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.4	50.2
54	48.2	40.1	60.1



#32
 Benzoic acid
 Concen: 8.705 ng
 RT: 9.71 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BP002670.D
 Acq: 08 Jul 2020 12:20

Tgt Ion	122	Resp	59
Ion Ratio	Lower	Upper	
122	100		
105	126.5	106.6	146.6
77	202.4	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: BP002670.D

Acq: 08 Jul 2020 12:20

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOORRE

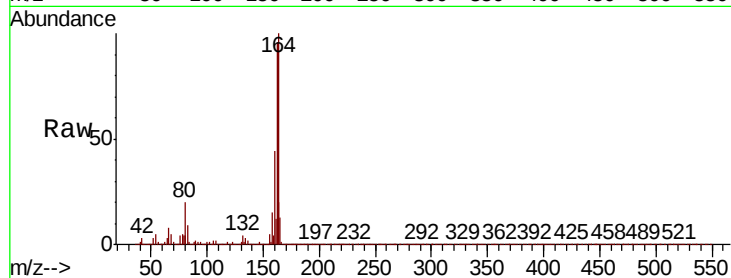
Tot Ion:164 Resp: 541974

Ion Ratio Lower Upper

164 100

162 96.5 80.3 120.5

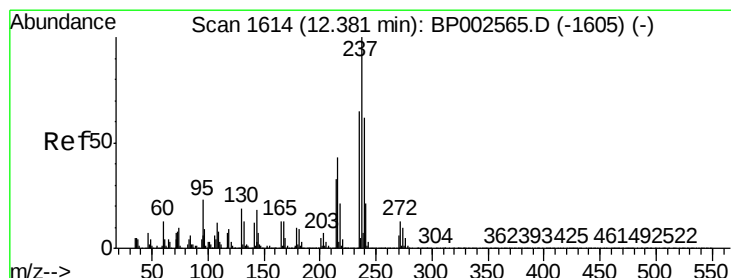
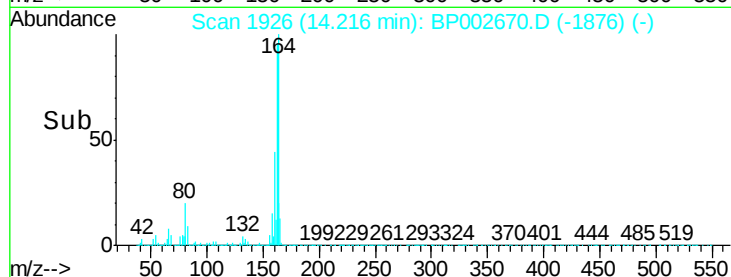
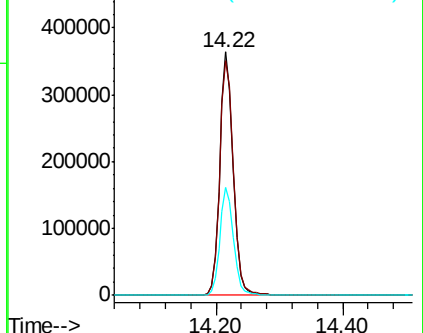
160 44.2 35.0 52.6



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: 4.384 ng

RT: 12.42 min Scan# 1621

Delta R.T. 0.04 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

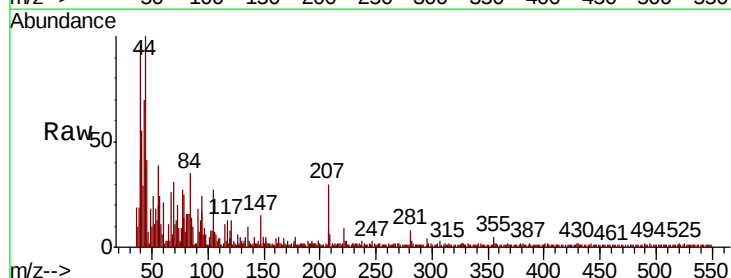
Tgt Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 67.9 45.4 85.4

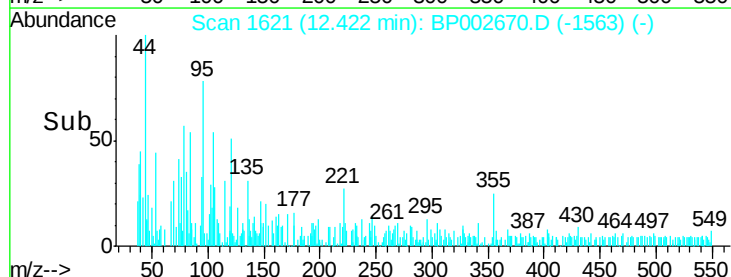
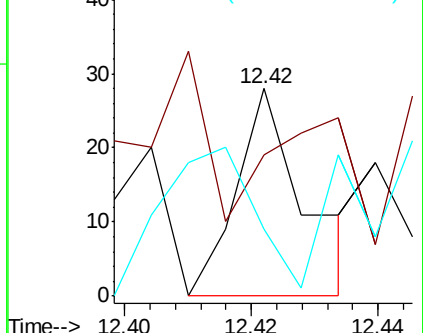
272 32.1 0.0 32.6

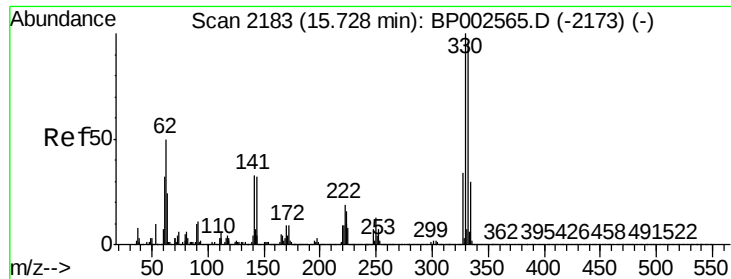


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

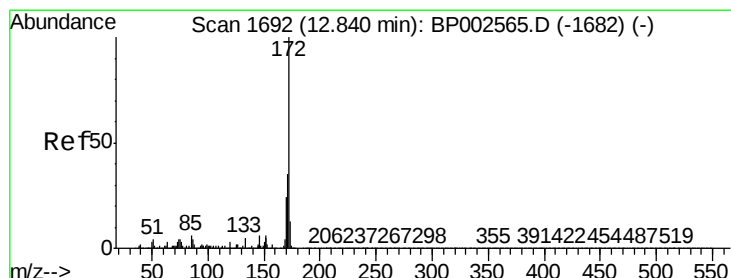
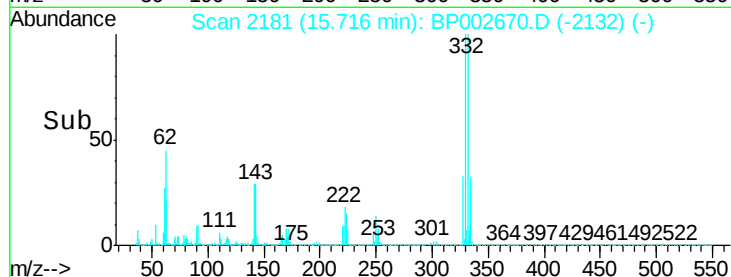
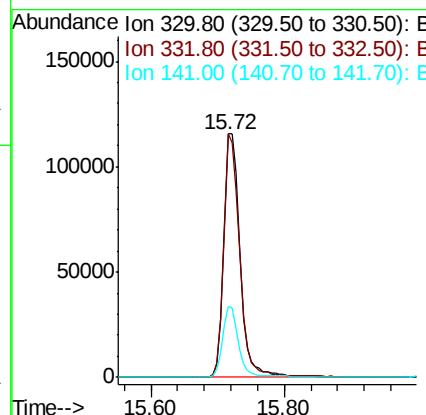
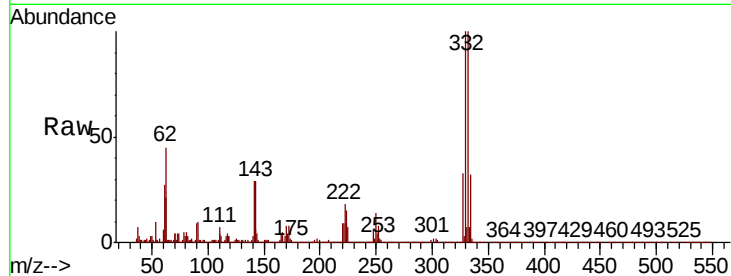




#42
 2,4,6-Tribromophenol
 Concen: 30.854 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BP002670.D
 Acq: 08 Jul 2020 12:20

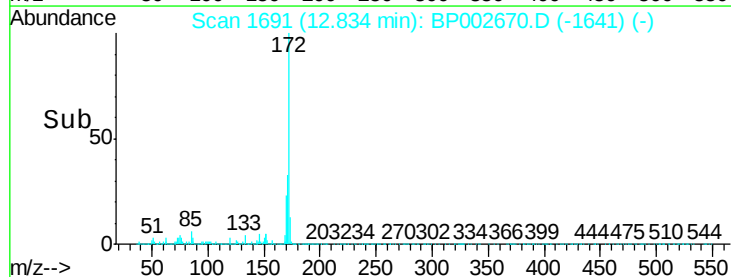
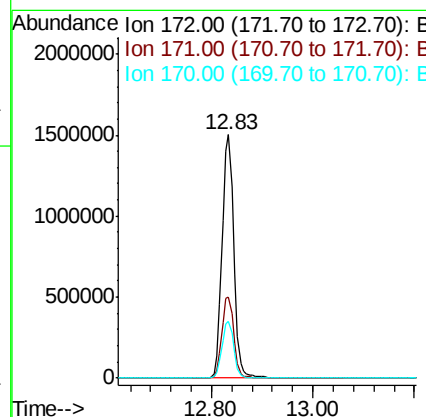
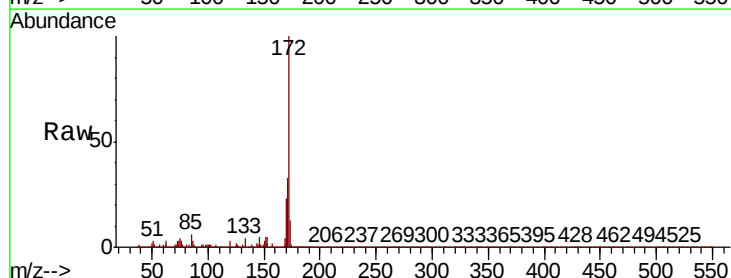
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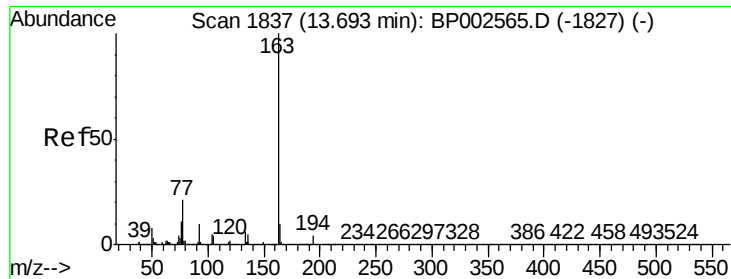
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	28.2	29.0	43.6#



#45
 2-Fluorobiphenyl
 Concen: 65.912 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002670.D
 Acq: 08 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.0	42.0
170	23.5	19.0	28.4





#50

Dimethylphthalate

Concen: 3.496 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOORRE

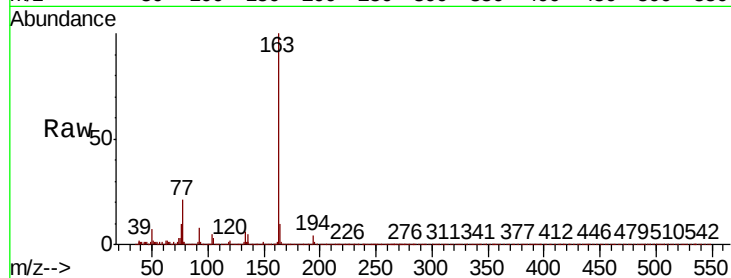
Tot Ion:163 Resp: 148806

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

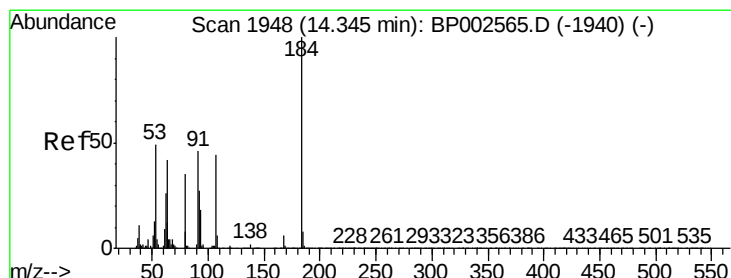
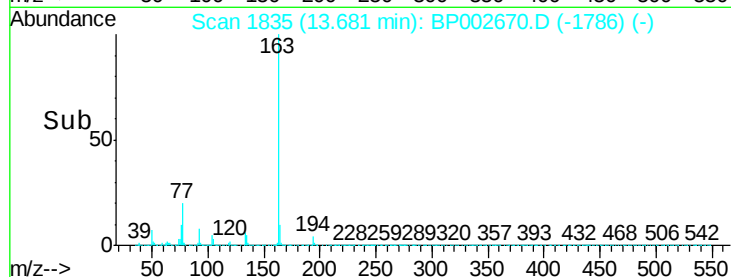
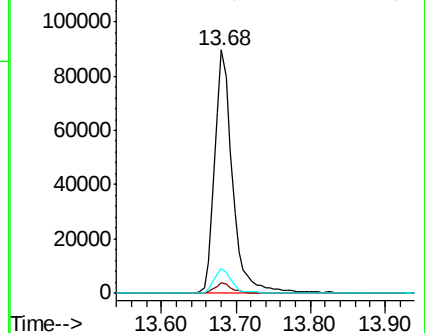
164 10.1 8.2 12.4



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: 6.020 ng

RT: 14.35 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

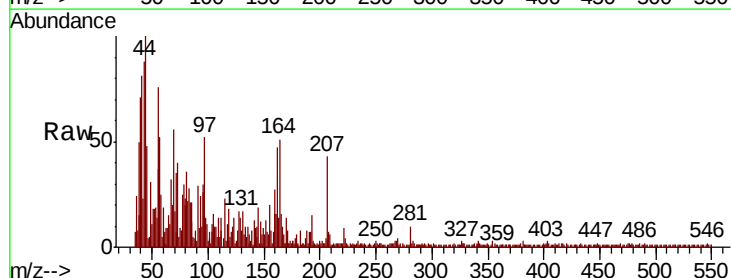
Tgt Ion:184 Resp: 71

Ion Ratio Lower Upper

184 100

63 286.7 56.2 84.2#

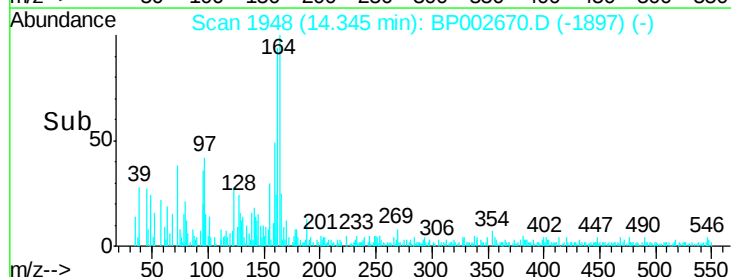
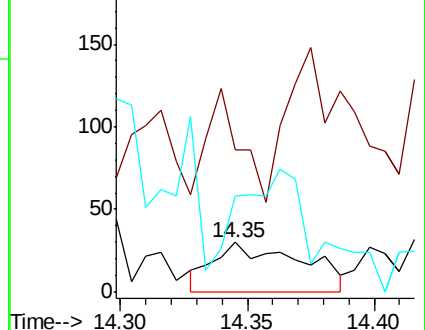
154 193.3 50.9 76.3#

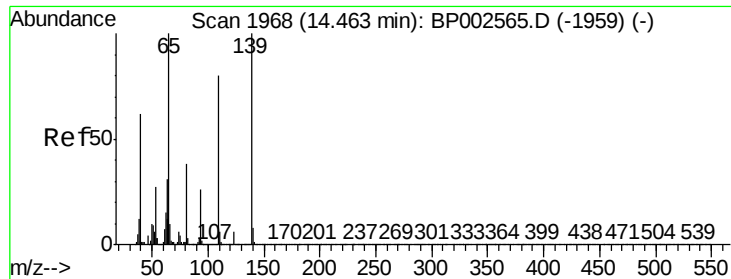


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

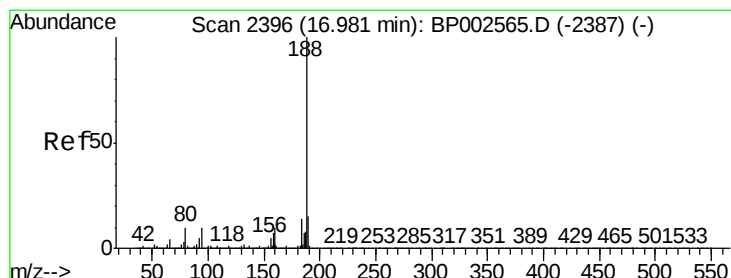
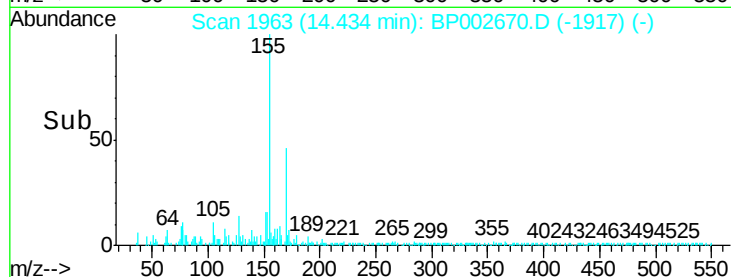
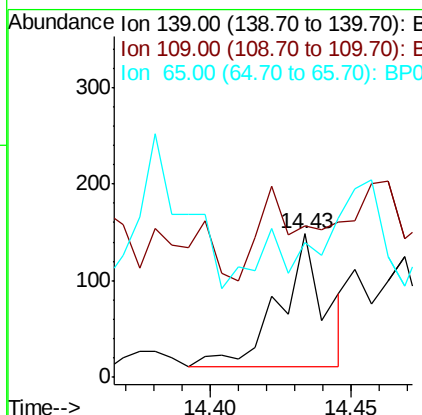
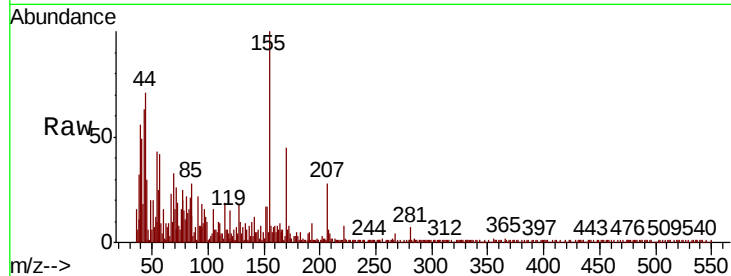




#56
4-Nitrophenol
Concen: 2.455 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.03 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

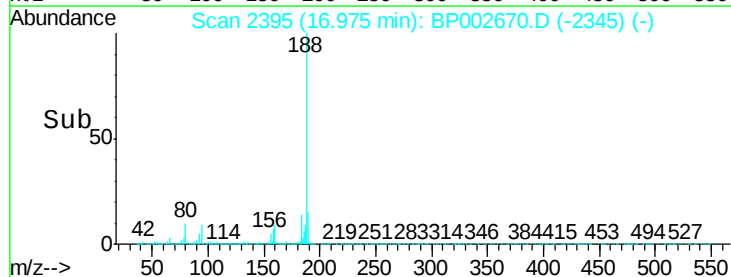
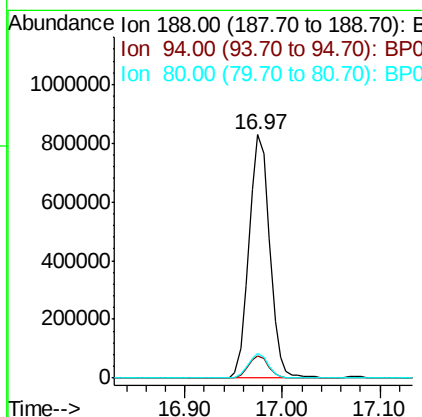
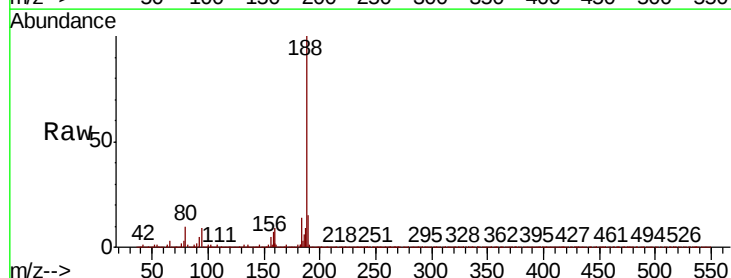
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOORRE

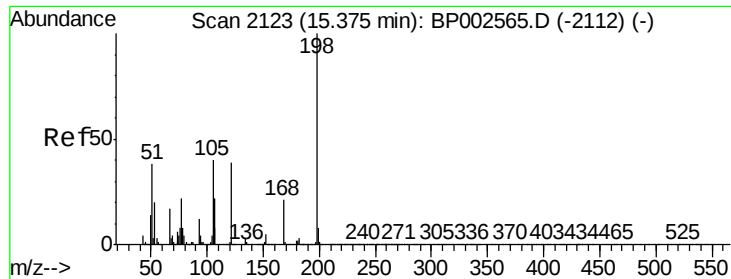
Tot Ion:139 Resp: 153
Ion Ratio Lower Upper
139 100
109 105.4 60.1 100.1#
65 93.9 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

Tgt Ion:188 Resp: 1230427
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.2 8.2 12.4

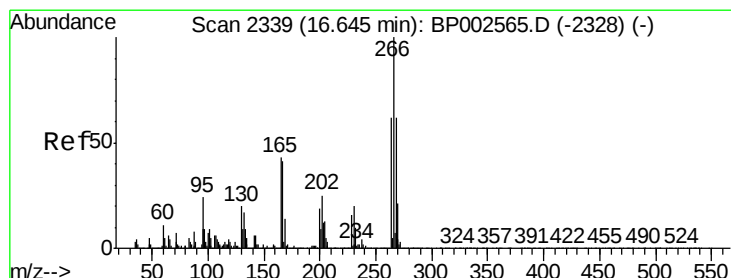
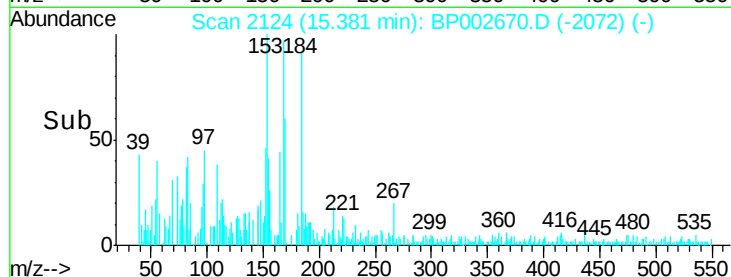
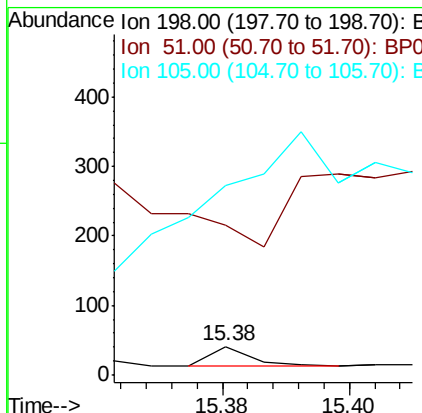
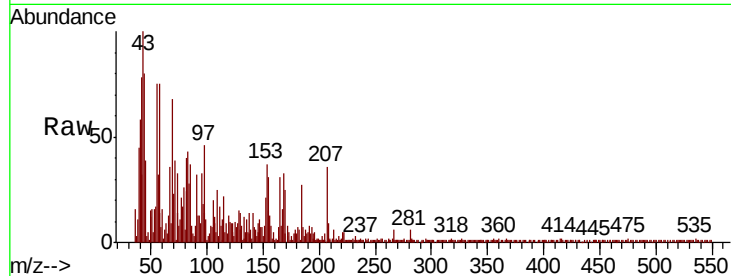




#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

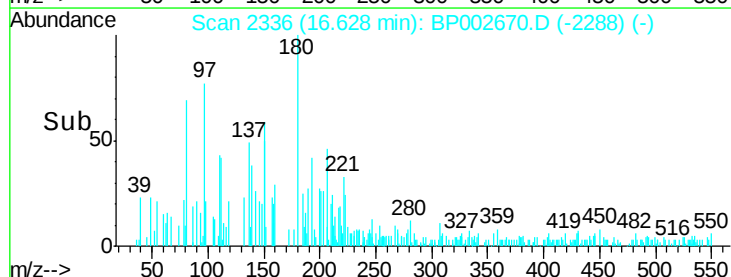
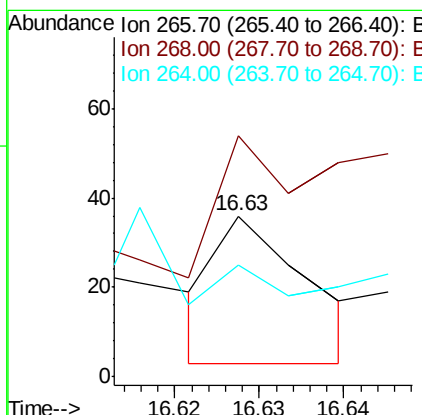
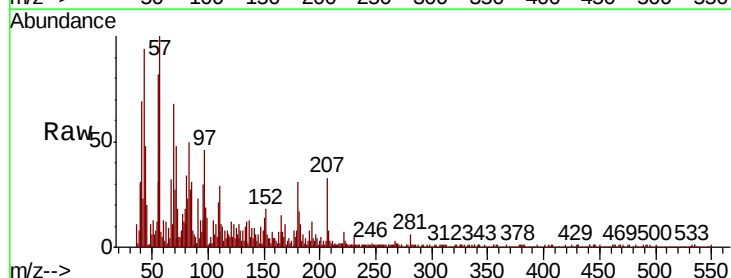
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOORRE

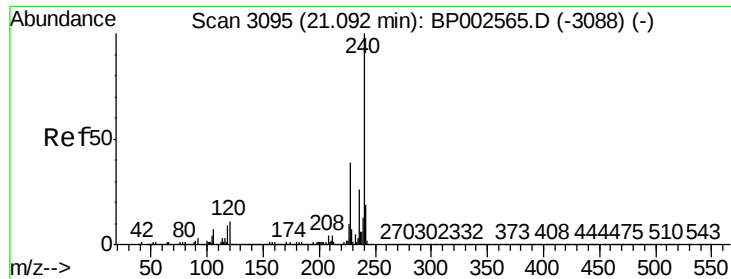
Tot Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 526.8 24.2 64.2#
105 663.4 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.664 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 150.0 49.7 74.5#
264 69.4 49.3 73.9

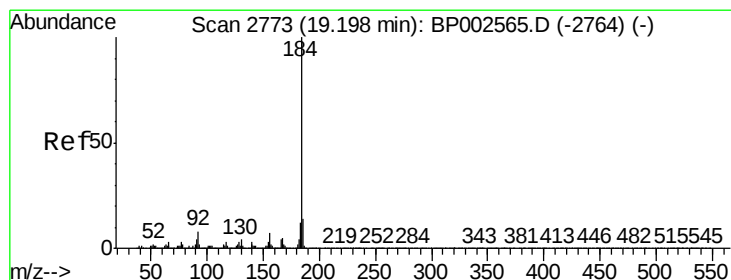
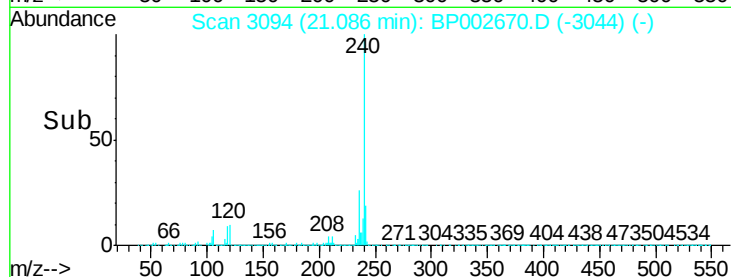
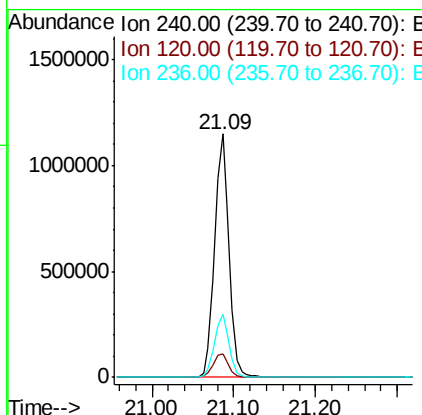
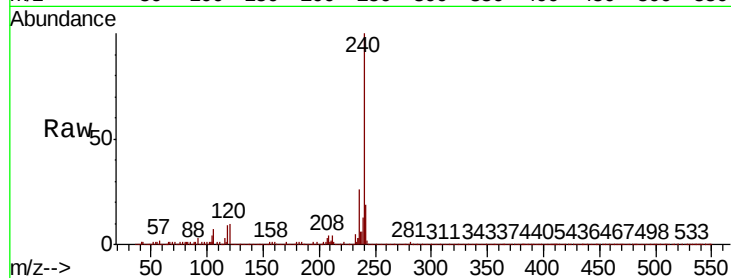




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

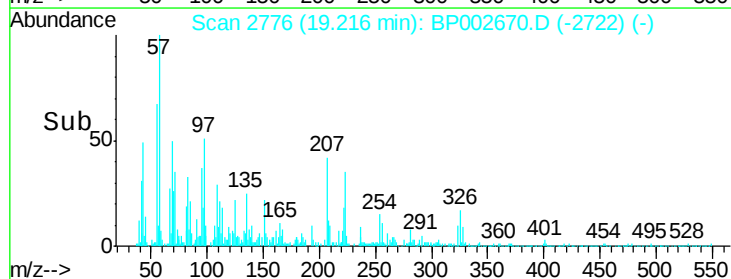
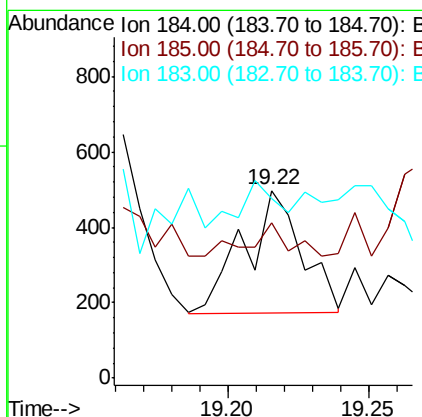
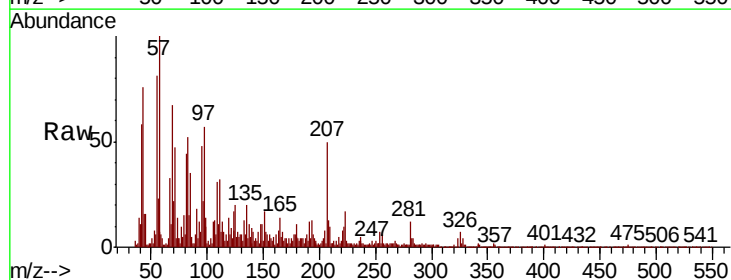
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOORRE

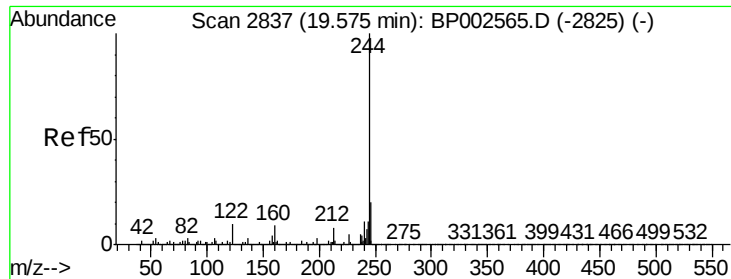
Tot Ion:240 Resp: 1409805
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 25.9 20.8 31.2



#77
Benzidine
Concen: 3.763 ng
RT: 19.22 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

Tgt Ion:184 Resp: 465
Ion Ratio Lower Upper
184 100
185 82.9 11.4 17.2#
183 95.6 9.2 13.8#





#79

Terphenyl-d14

Concen: 59.833 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOORRE

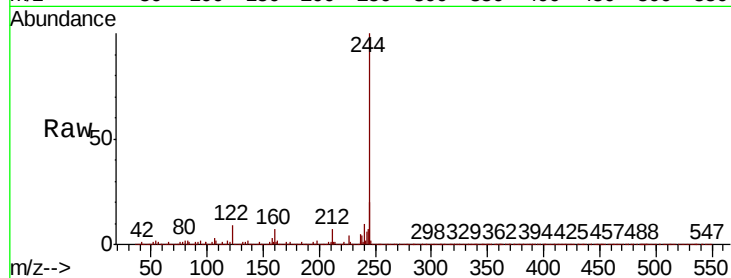
Tot Ion:244 Resp: 3907992

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

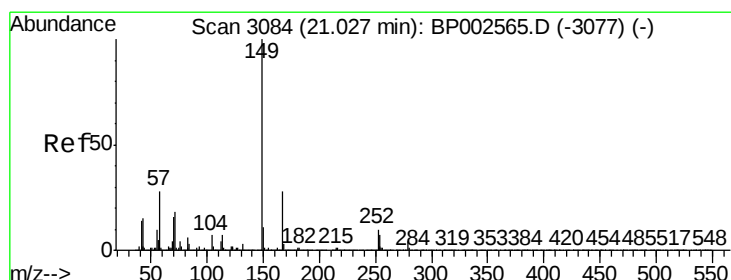
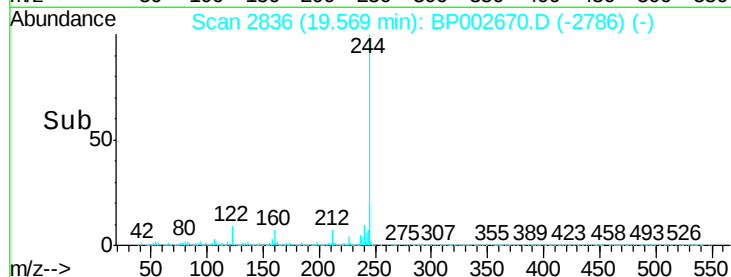
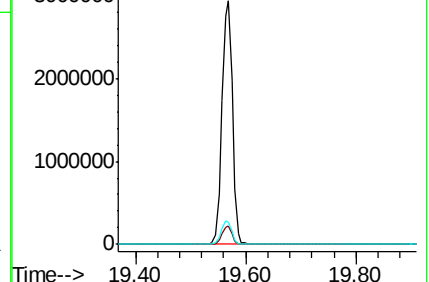
122 9.3 7.9 11.9



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: 10.053 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002670.D

Acq: 08 Jul 2020 12:20

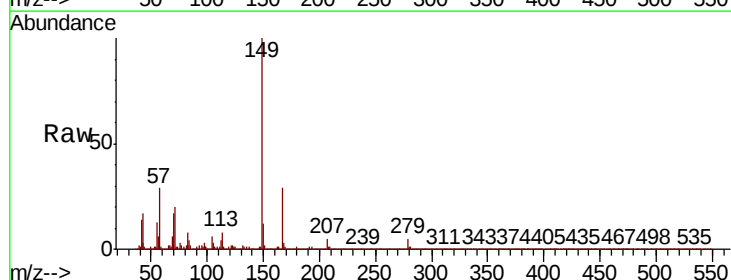
Tgt Ion:149 Resp: 604756

Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

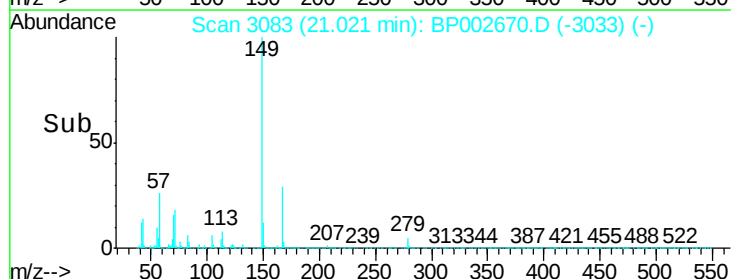
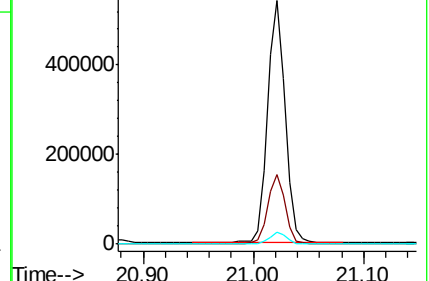
279 5.0 3.4 5.0

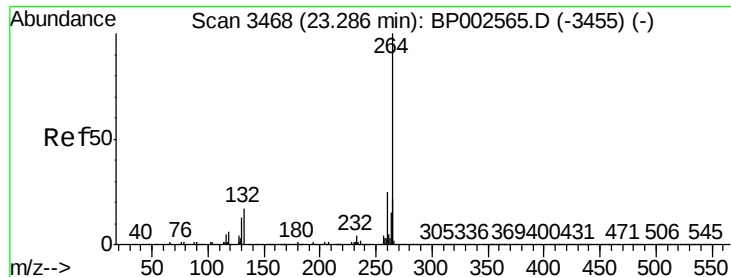


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



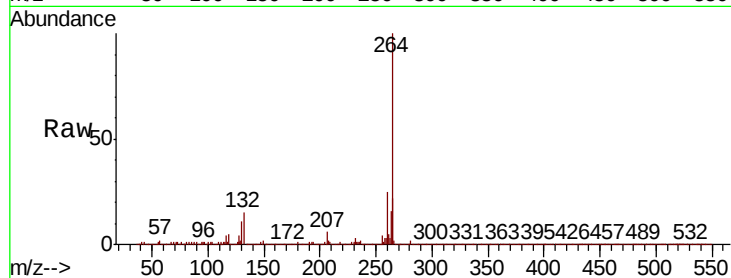


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002670.D
Acq: 08 Jul 2020 12:20

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

Tot Ion: 264 Resp: 1646272

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.2	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

