

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002624.D
 Acq On : 02 Jul 2020 11:23
 Operator : CG/JU
 Sample : L3153-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-A

Quant Time: Jul 02 12:53:15 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	306113	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1159605	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	696974	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1389945	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1171547	20.00	ng	0.00
86) Perylene-d12	23.29	264	1000525	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	2206263	122.03	ng	0.00
7) Phenol-d6	6.77	99	2536693	100.52	ng	0.00
23) Nitrobenzene-d5	8.72	82	2311798	102.72	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1115860	131.63	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4400991	92.94	ng	0.00
79) Terphenyl-d14	19.57	244	4980854	91.77	ng	0.00

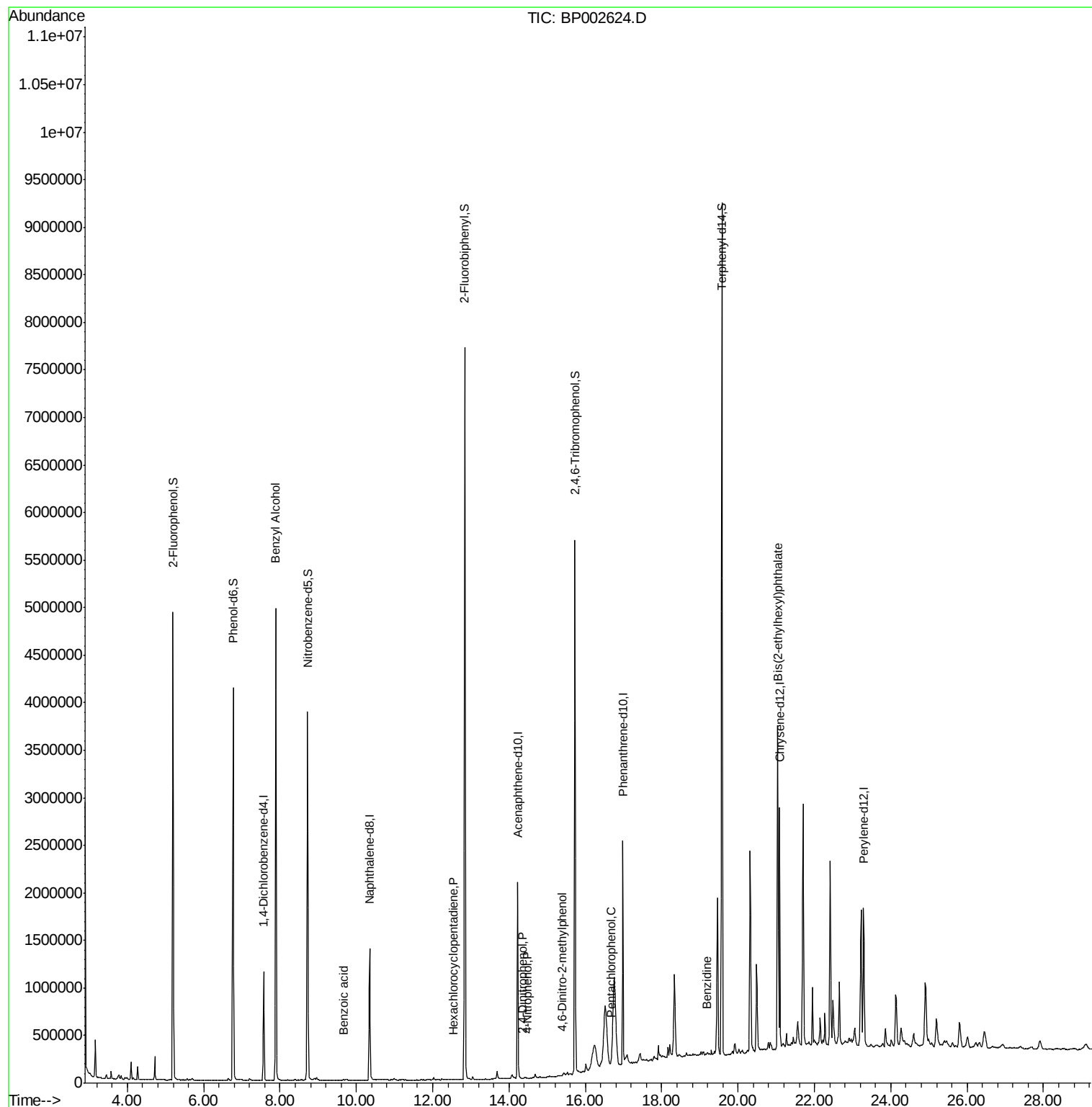
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	299	Below Cal		# 69
15) Benzyl Alcohol	7.89	79	40094	2.114	ng	# 49
32) Benzoic acid	9.66	122	3861	8.944	ng	# 82
41) Hexachlorocyclopentadiene	12.54	237	13	4.383	ng	# 88
54) 2,4-Dinitrophenol	14.35	184	21	6.012	ng	# 1
56) 4-Nitrophenol	14.46	139	90	2.445	ng	# 45
65) 4,6-Dinitro-2-methylphenol	15.37	198	42	2.714	ng	# 1
70) Pentachlorophenol	16.66	266	43	2.666	ng	# 94
77) Benzidine	19.17	184	511	3.766	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.03	149	386667	7.735	ng	# 98

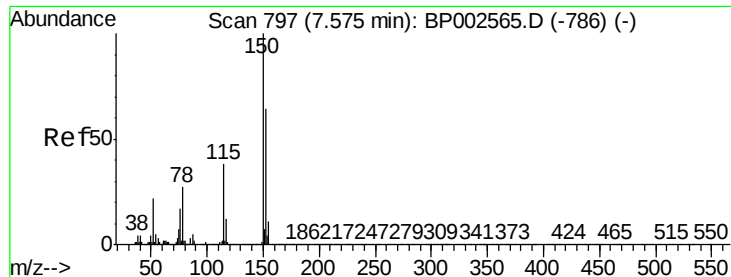
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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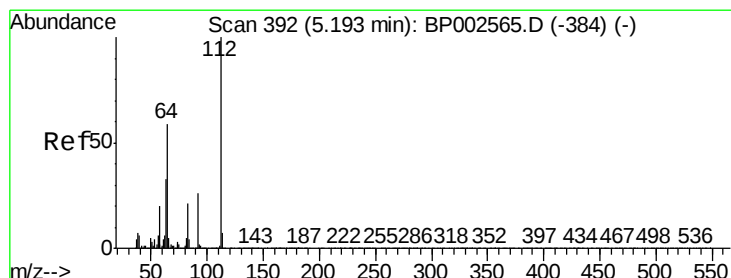
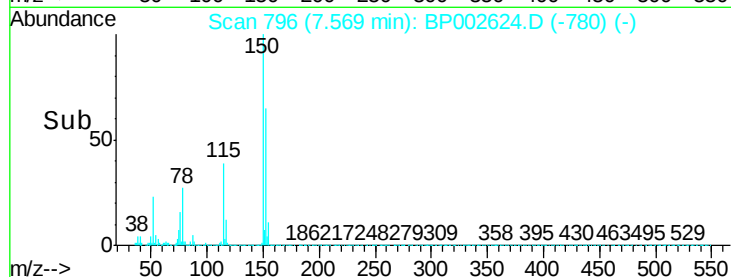
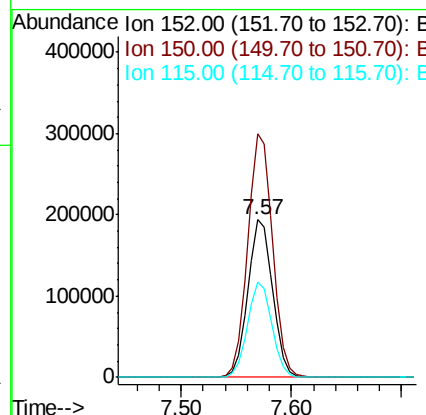
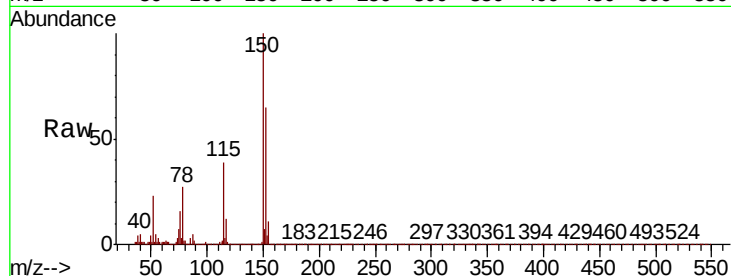


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Instrument :
BNA_P
ClientSampleId :
SP2-A

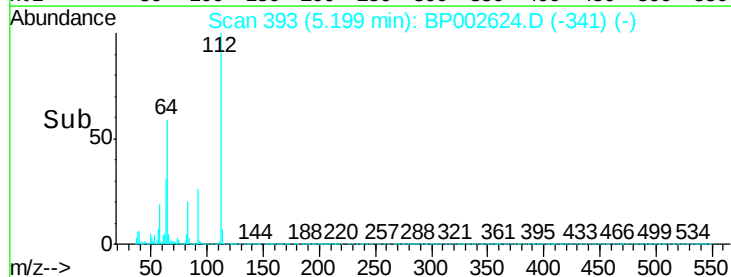
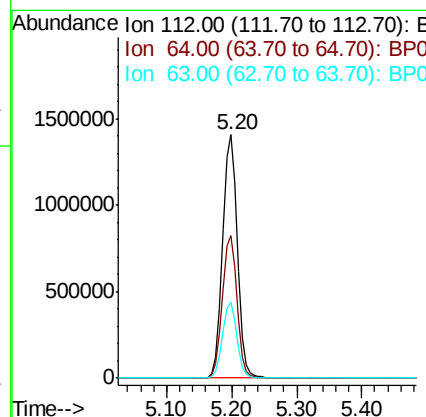
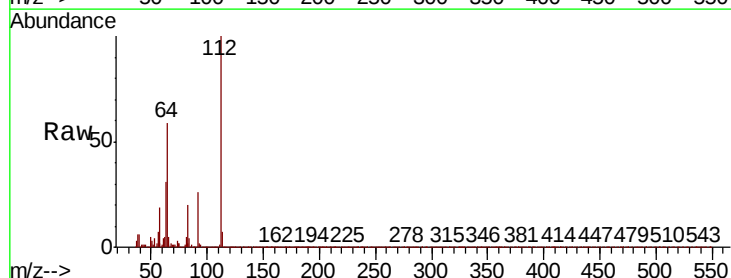
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	60.1	47.1	70.7

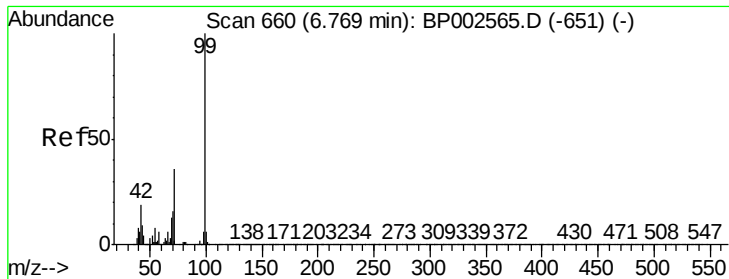


#5

2-Fluorophenol
Concen: 122.029 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.0	70.6
63	31.1	26.1	39.1





#7

Phenol-d6

Concen: 100.523 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Instrument :

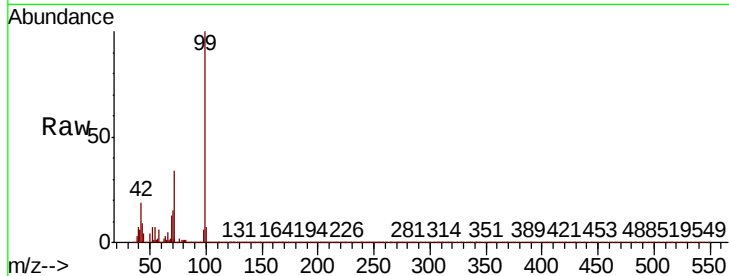
BNA_P

ClientSampleId :

SP2-A

Tot Ion: 99 Resp: 2536693

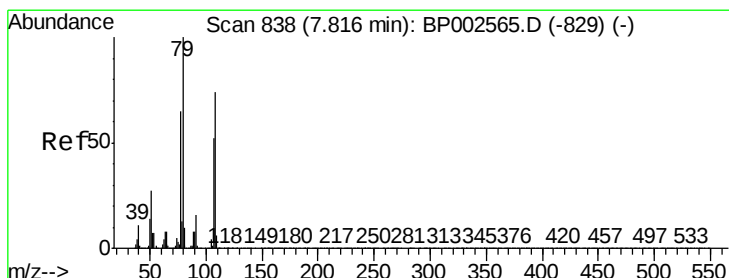
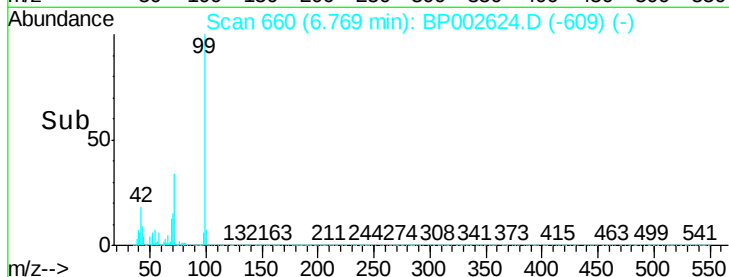
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	33.9	28.9	43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

2000000 Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#15

Benzyl Alcohol

Concen: 2.114 ng

RT: 7.89 min Scan# 851

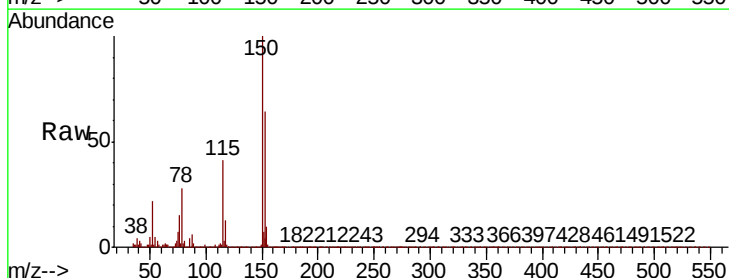
Delta R.T. 0.08 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Tgt Ion: 79 Resp: 40094

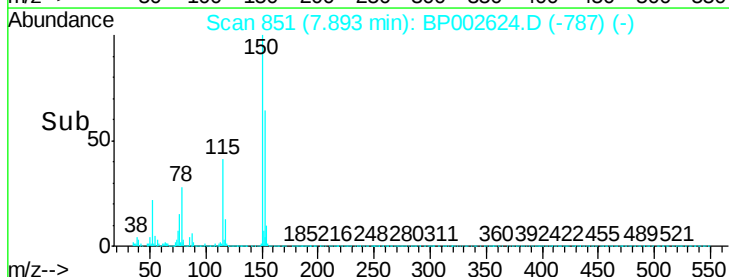
Ion	Ratio	Lower	Upper
79	100		
108	36.6	59.4	89.2#
77	110.7	51.9	77.9#

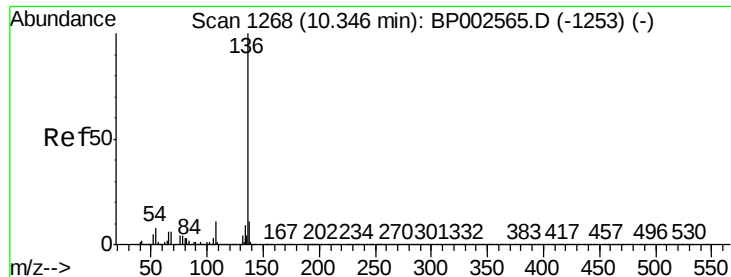


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Instrument :

BNA_P

ClientSampleId :

SP2-A

Tot Ion:136 Resp: 1159605

Ion	Ratio	Lower	Upper
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136	100		
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137	11.0	8.8	13.2
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54	8.7	6.4	9.6
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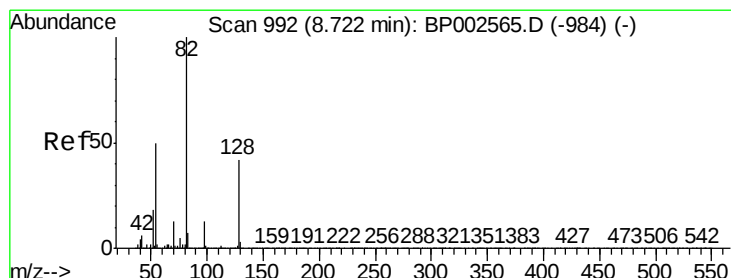
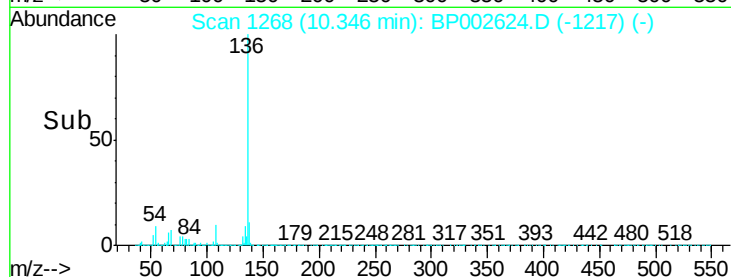
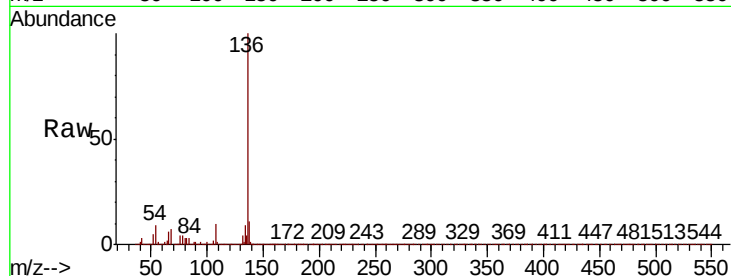
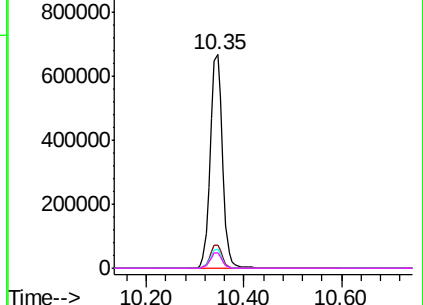
68	7.2	5.1	7.7
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Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.721 ng

RT: 8.72 min Scan# 992

Delta R.T. -0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Tgt Ion: 82 Resp: 2311798

Ion	Ratio	Lower	Upper
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82	100		
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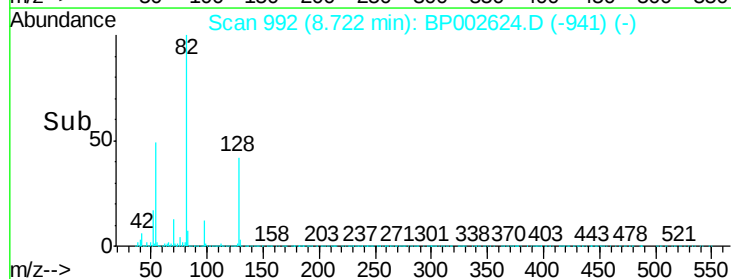
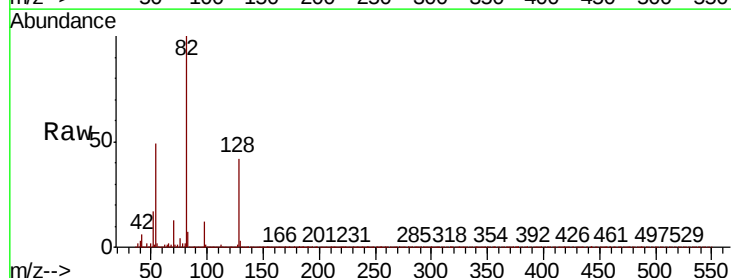
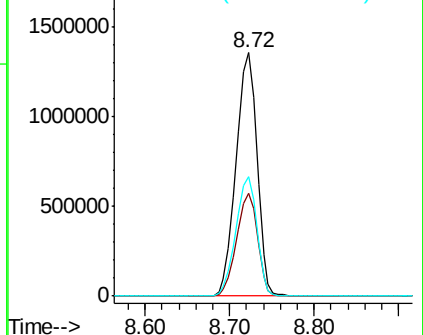
128	42.4	33.4	50.2
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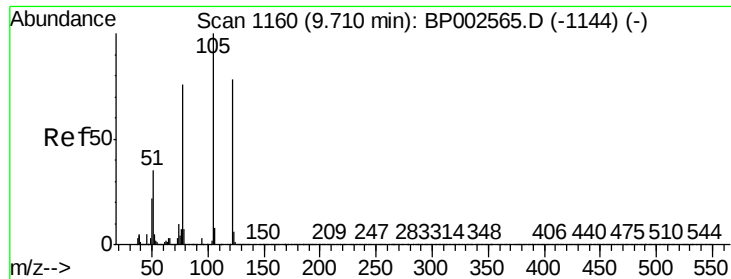
54	48.9	40.1	60.1
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Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

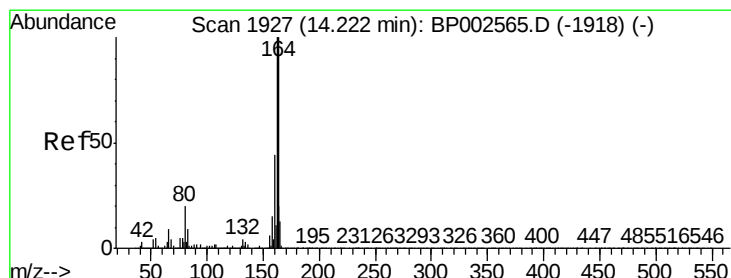
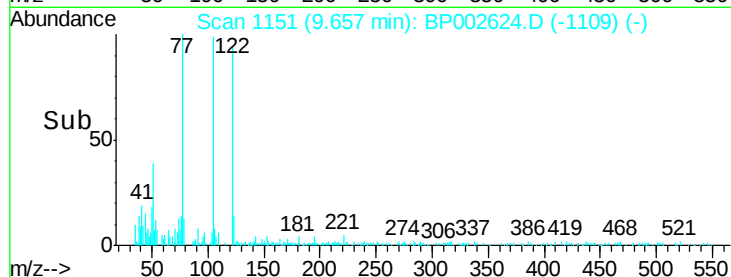
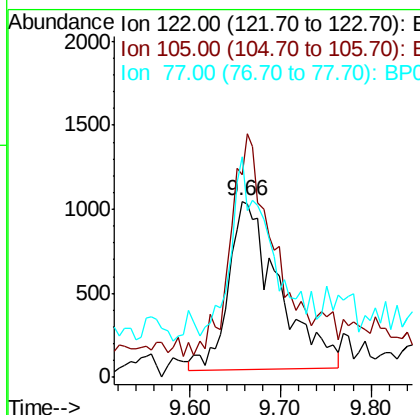
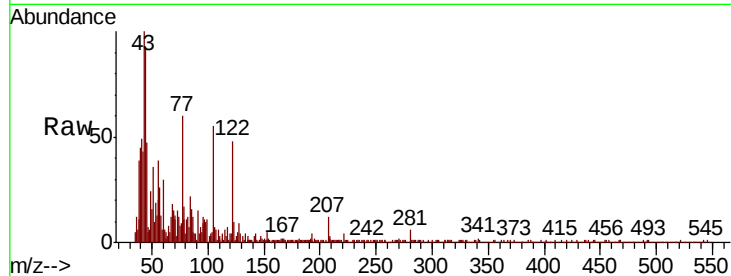




#32
Benzoic acid
Concen: 8.944 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

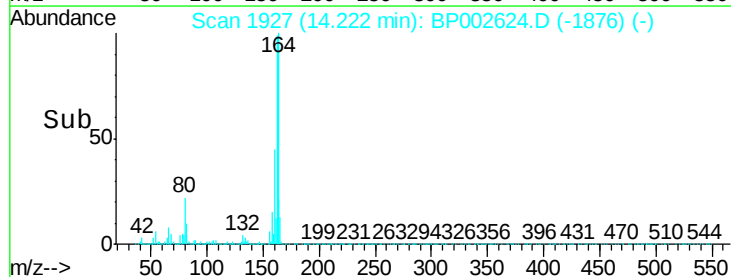
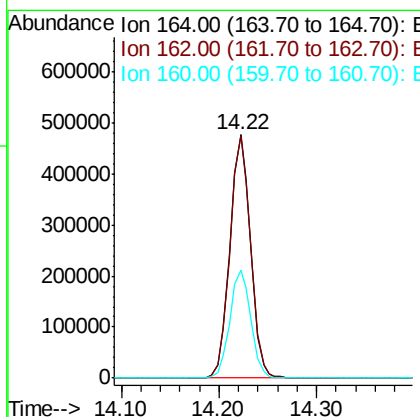
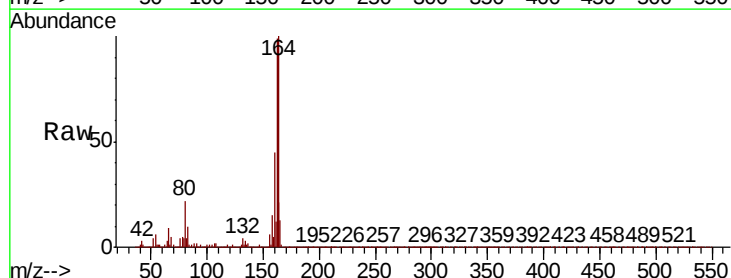
Instrument :
BNA_P
ClientSampleId :
SP2-A

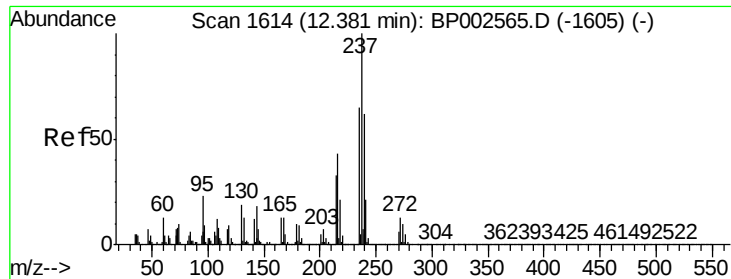
Tot Ion:122 Resp: 3861
Ion Ratio Lower Upper
122 100
105 114.6 106.6 146.6
77 124.9 76.5 116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Tgt Ion:164 Resp: 696974
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 44.5 35.0 52.6

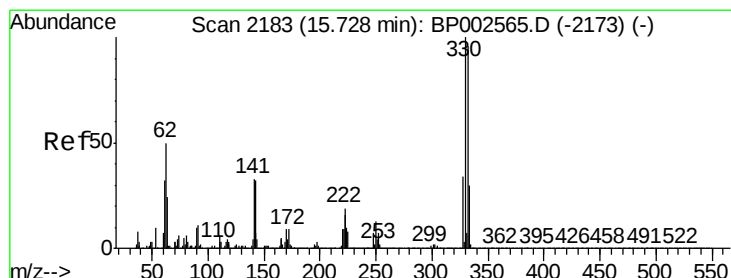
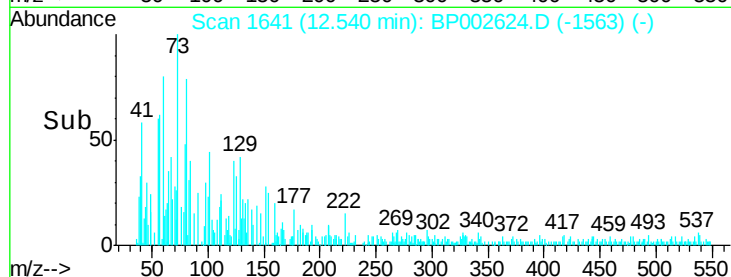
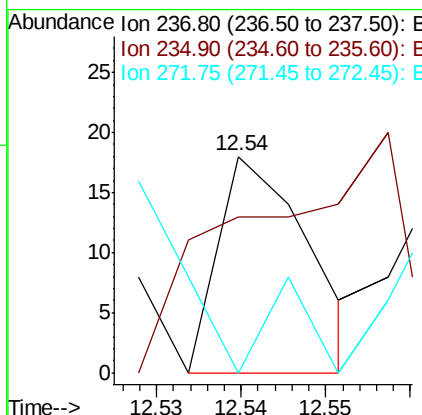
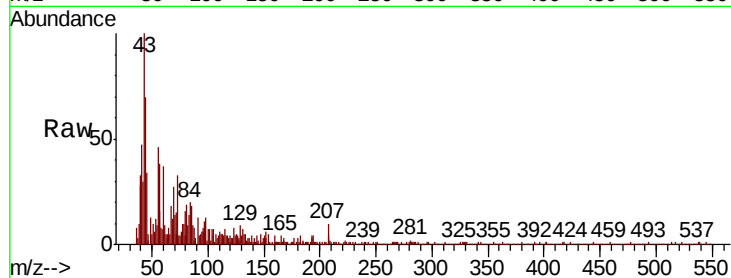




#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.54 min Scan# 1641
Delta R.T. 0.16 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

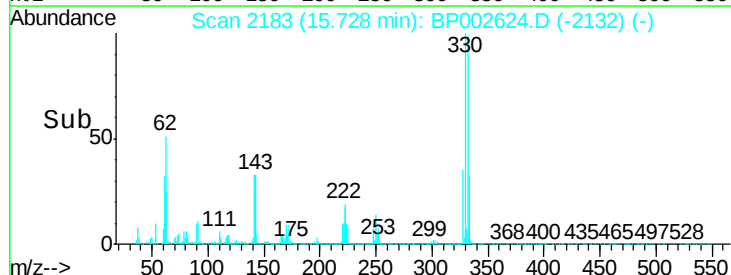
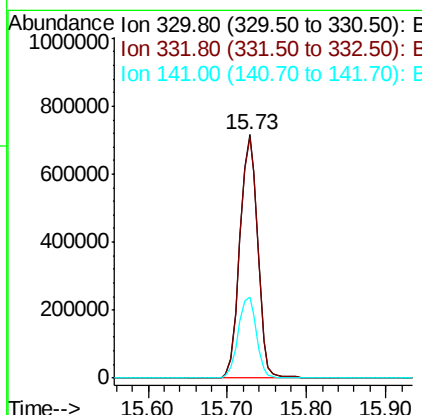
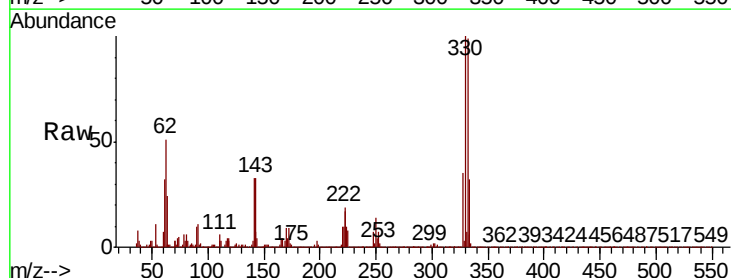
Instrument :
BNA_P
ClientSampled :
SP2-A

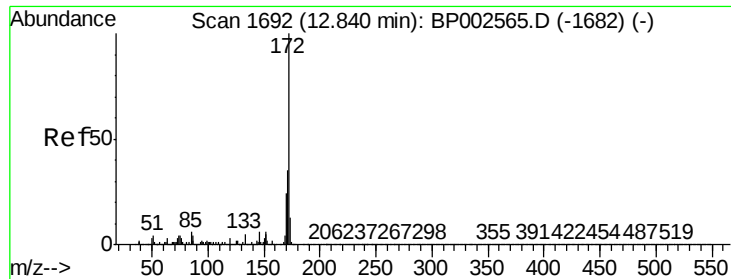
Tot Ion: 237 Resp: 13
Ion Ratio Lower Upper
237 100
235 72.2 45.4 85.4
272 0.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 131.631 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Tgt Ion: 330 Resp: 1115860
Ion Ratio Lower Upper
330 100
332 99.5 77.7 116.5
141 34.3 29.0 43.6

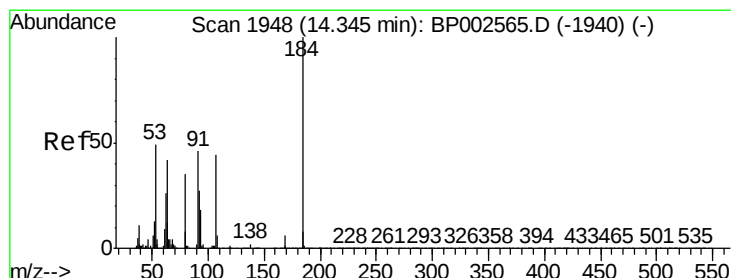
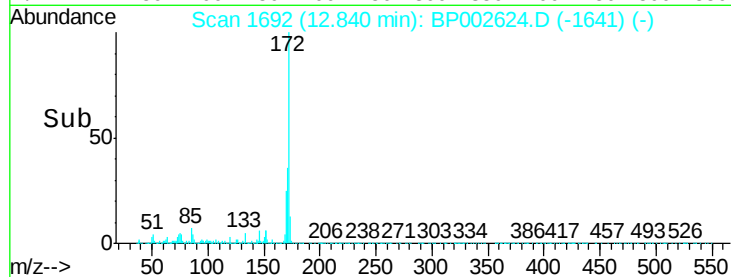
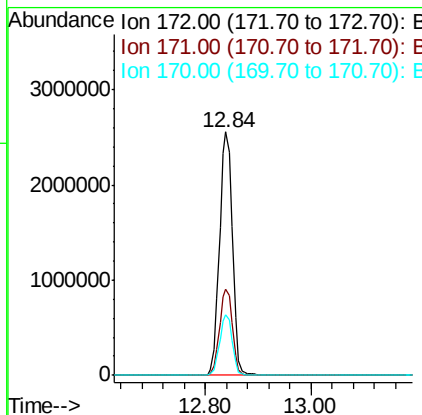
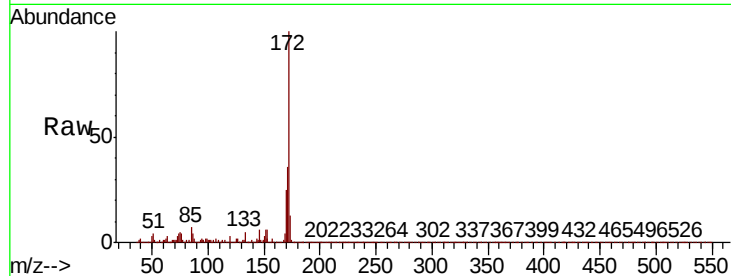




#45
2-Fluorobiphenyl
Concen: 92.938 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

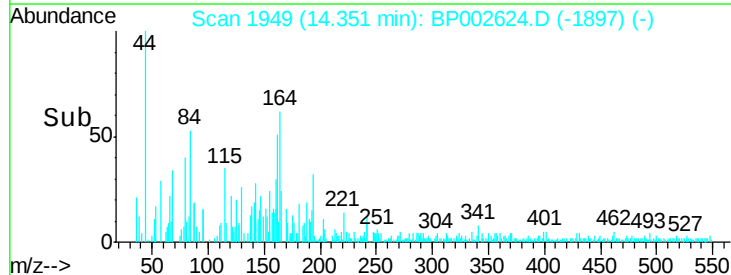
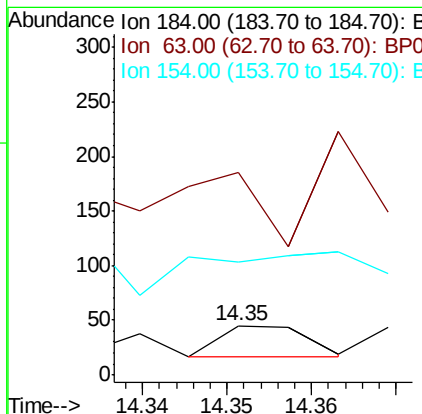
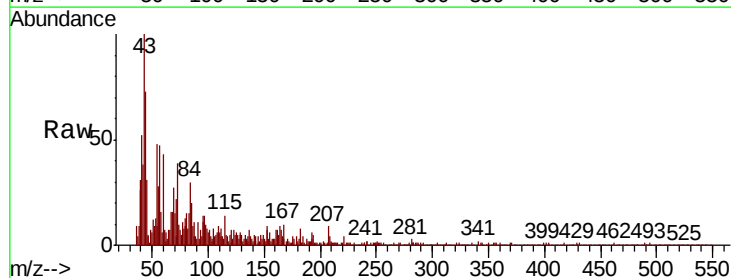
Instrument :
BNA_P
ClientSampleId :
SP2-A

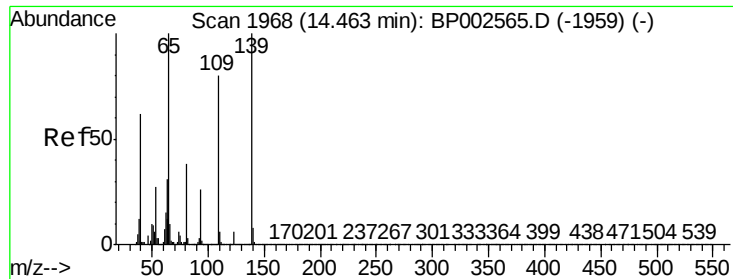
Tot Ion:172 Resp: 4400991
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 25.0 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.012 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 411.1 56.2 84.2#
154 228.9 50.9 76.3#

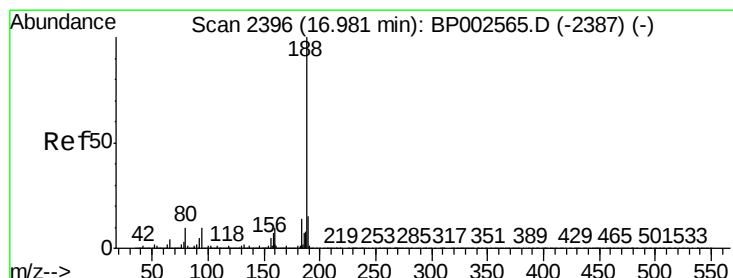
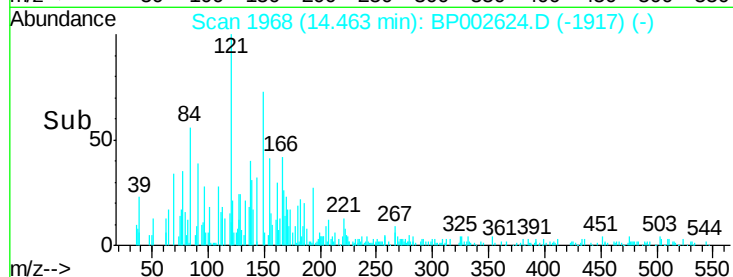
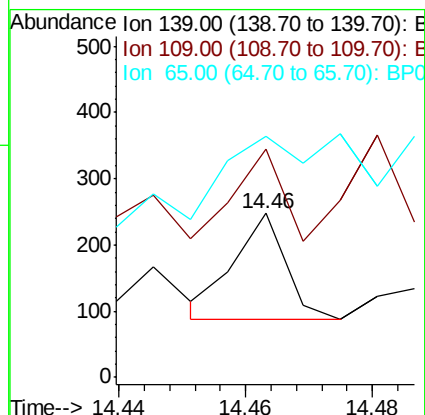
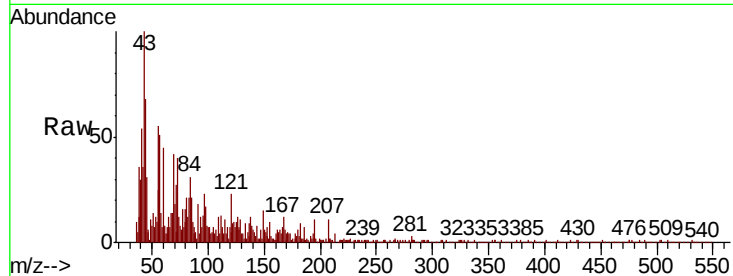




#56
4-Nitrophenol
Concen: 2.445 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

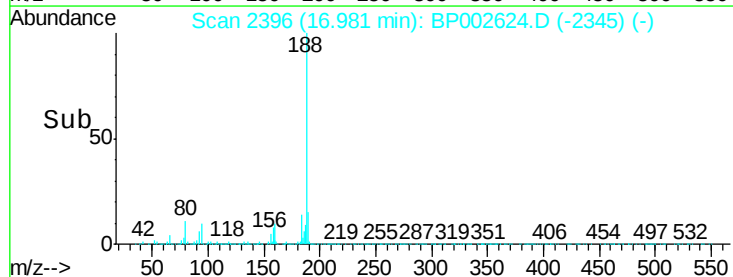
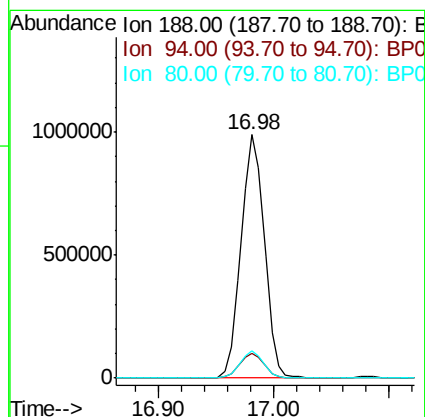
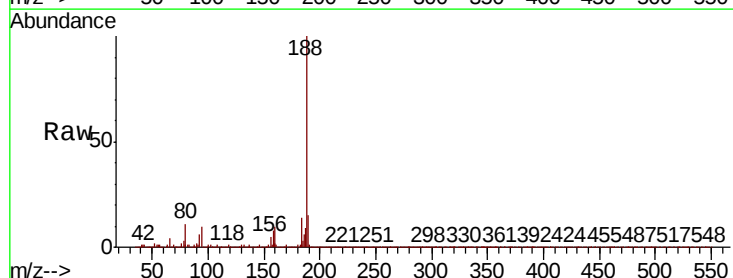
Instrument :
BNA_P
ClientSampleId :
SP2-A

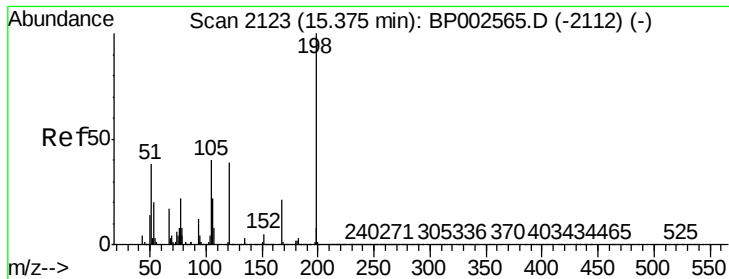
Tot Ion:139 Resp: 90
Ion Ratio Lower Upper
139 100
109 139.1 60.1 100.1#
65 146.8 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Tgt Ion:188 Resp: 1389945
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.0 8.2 12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.714 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Instrument :

BNA_P

ClientSampleId :

SP2-A

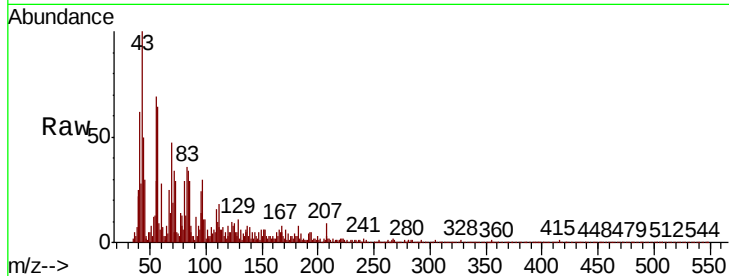
Tot Ion:198 Resp: 42

Ion Ratio Lower Upper

198 100

51 605.1 24.2 64.2#

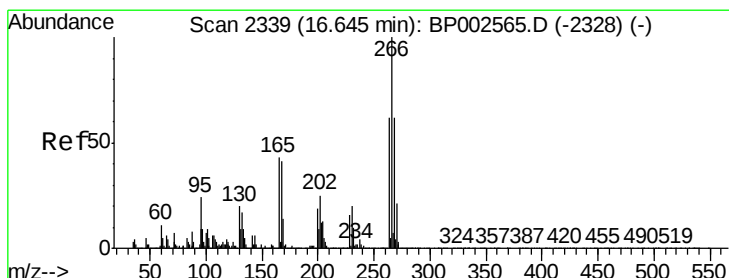
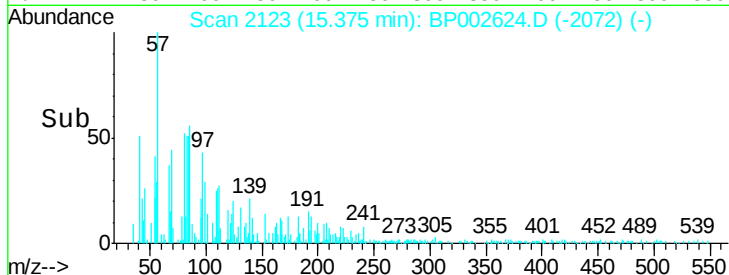
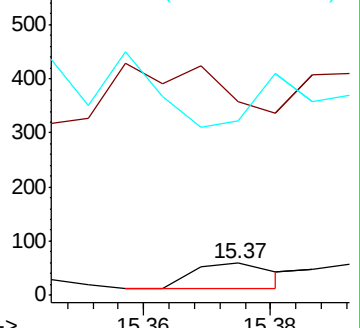
105 545.8 20.7 60.7#



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: 2.666 ng

RT: 16.66 min Scan# 2342

Delta R.T. 0.02 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

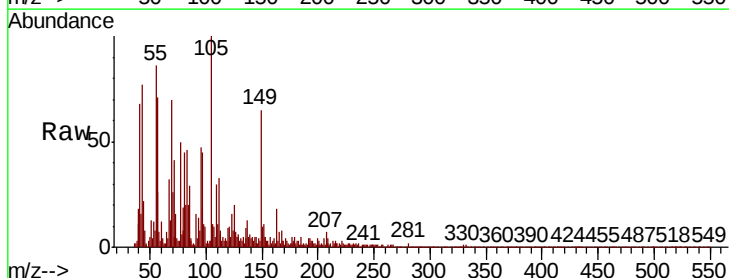
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

268 55.6 49.7 74.5

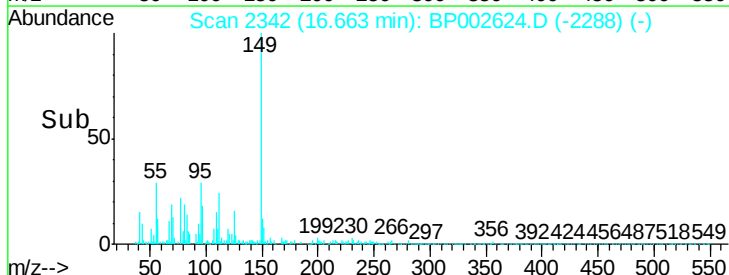
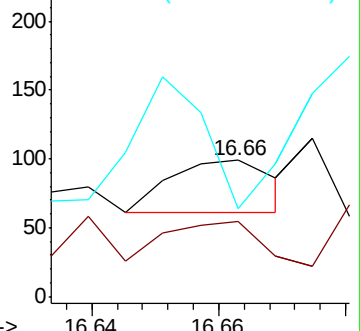
264 64.6 49.3 73.9

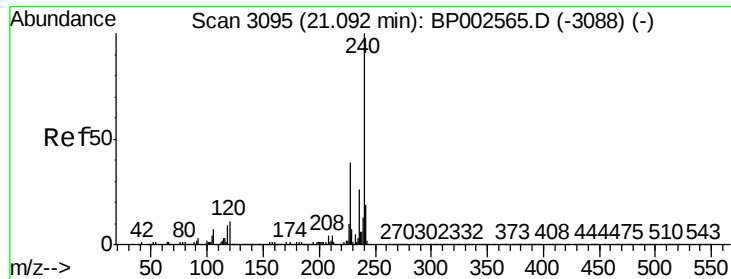


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

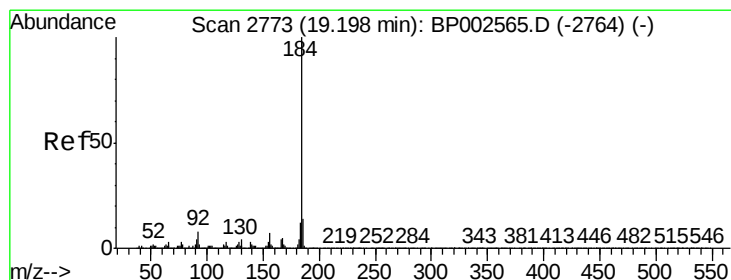
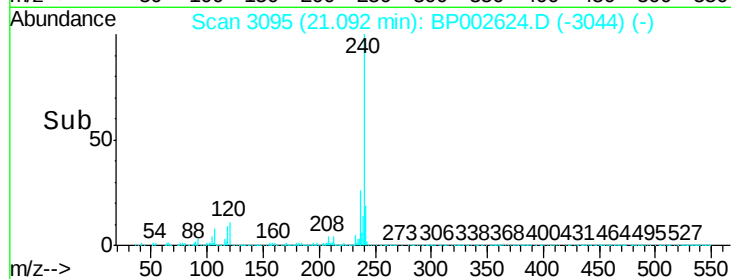
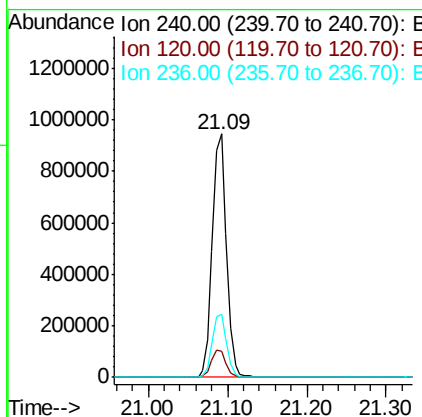
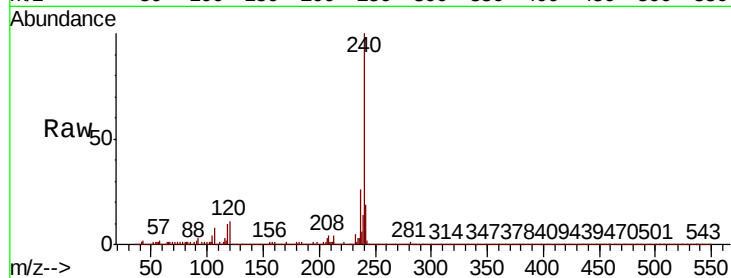




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BP002624.D
 Acq: 02 Jul 2020 11:23

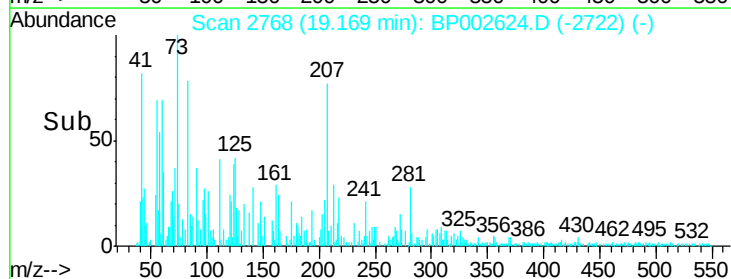
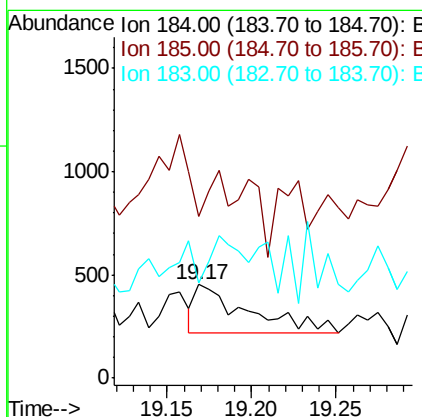
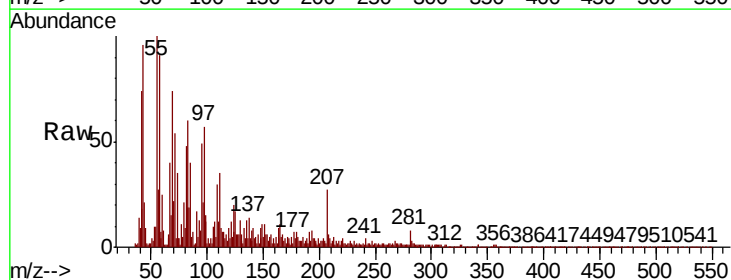
Instrument :
 BNA_P
 ClientSampleId :
 SP2-A

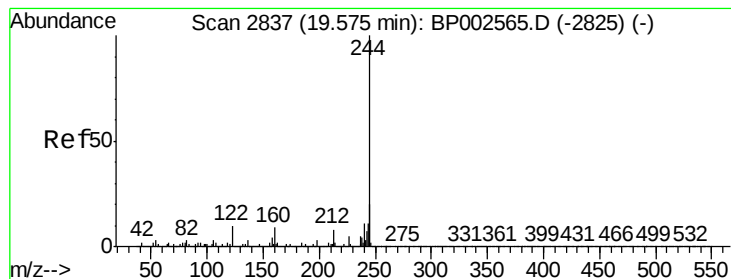
Tot Ion:240 Resp: 1171547
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 13.0
 236 26.1 20.8 31.2



#77
 Benzidine
 Concen: 3.766 ng
 RT: 19.17 min Scan# 2768
 Delta R.T. -0.03 min
 Lab File: BP002624.D
 Acq: 02 Jul 2020 11:23

Tgt Ion:184 Resp: 511
 Ion Ratio Lower Upper
 184 100
 185 173.9 11.4 17.2#
 183 102.7 9.2 13.8#





#79

Terphenyl-d14

Concen: 91.768 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

Instrument :

BNA_P

ClientSampleId :

SP2-A

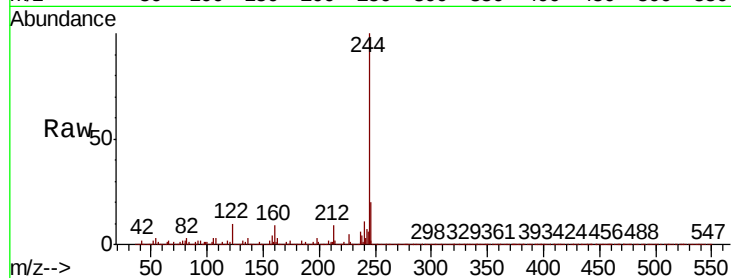
Tot Ion:244 Resp: 4980854

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

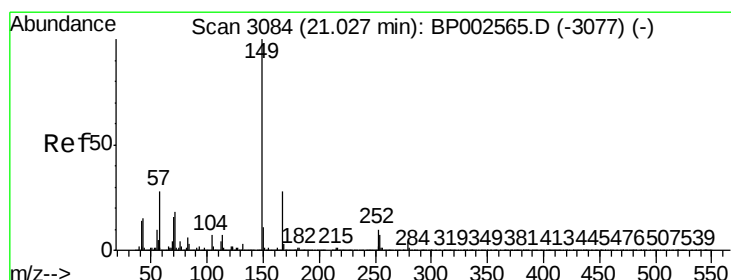
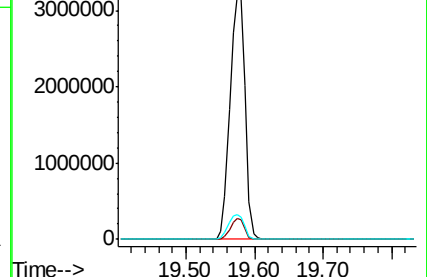
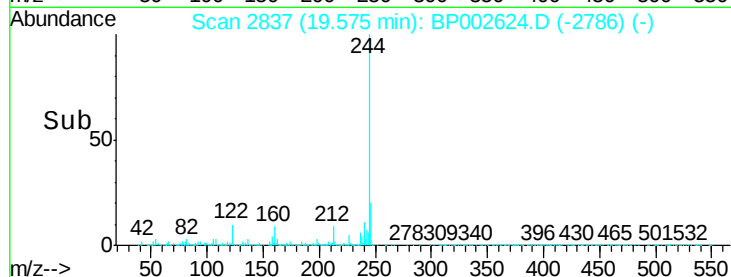
122 9.9 7.9 11.9



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: 7.735 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BP002624.D

Acq: 02 Jul 2020 11:23

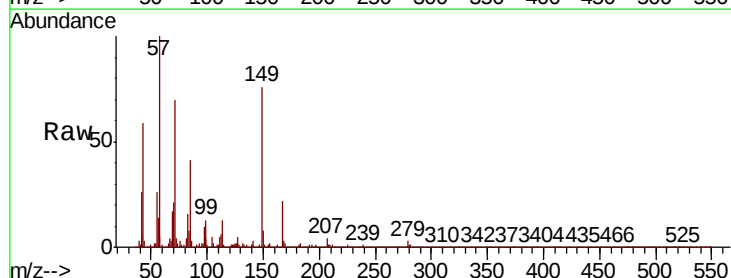
Tgt Ion:149 Resp: 386667

Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

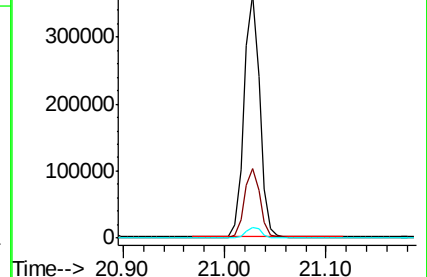
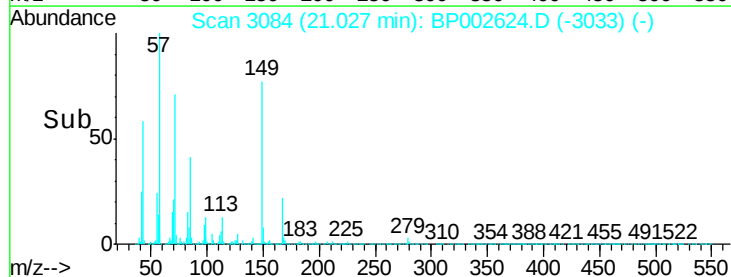
279 4.3 3.4 5.0

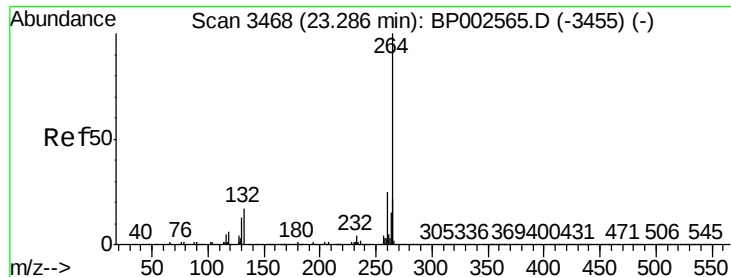


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

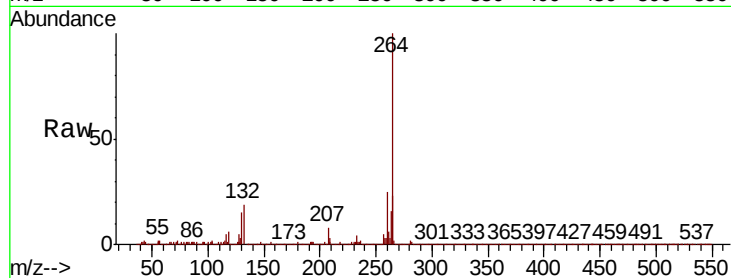




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002624.D
Acq: 02 Jul 2020 11:23

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tot Ion:	264	Resp:	1000525
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.6	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

