

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007955.D
 Acq On : 11 Nov 2021 20:37
 Operator : CG/JU
 Sample : M4630-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

Quant Time: Nov 12 00:31:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

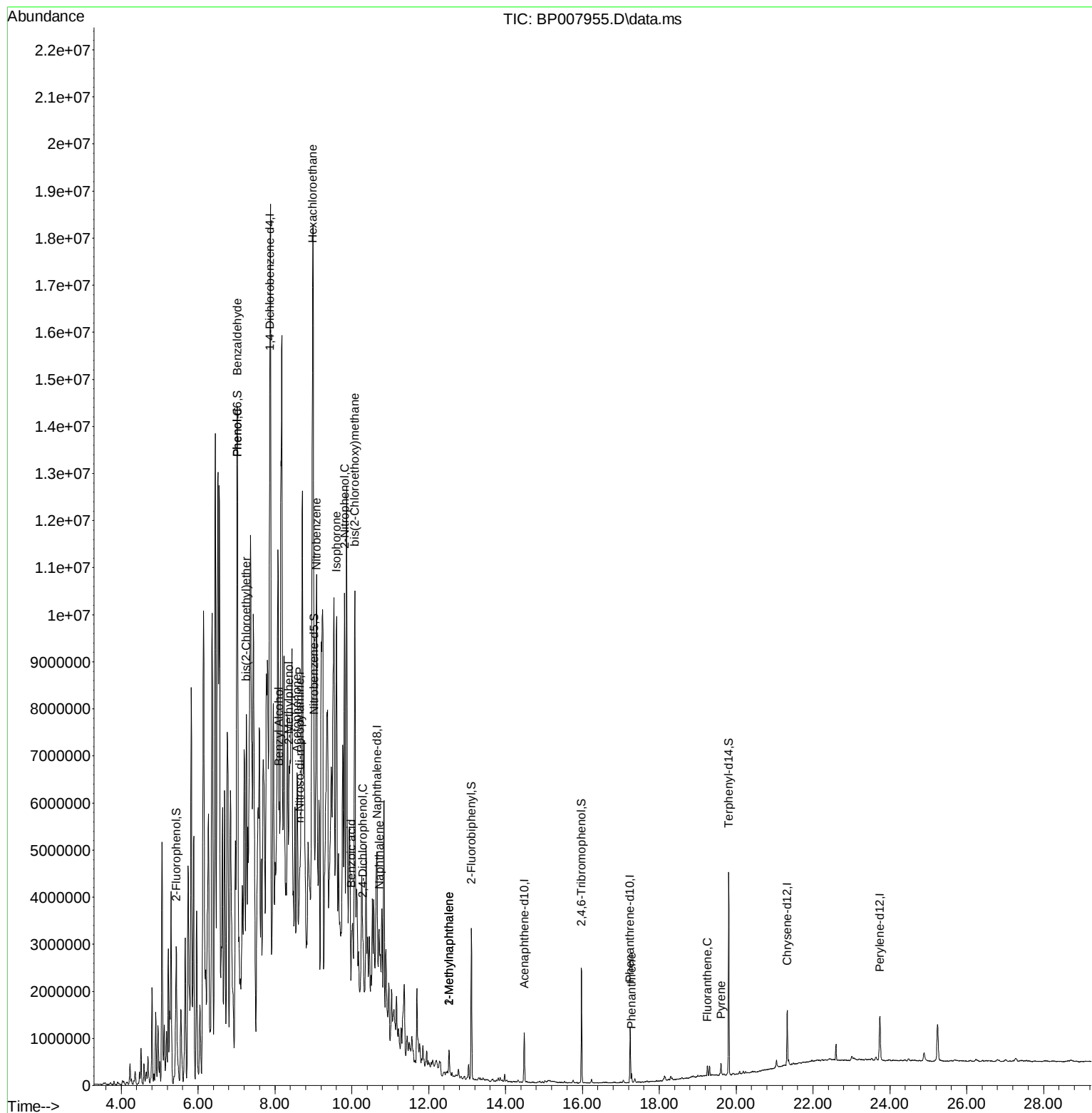
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	141746	20.00	ng	0.01
21) Naphthalene-d8	10.657	136	537078	20.00	ng	# 0.00
39) Acenaphthene-d10	14.487	164	361364	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	691835	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	565250	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	752785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	959689	114.82	ng	0.00
7) Phenol-d6	7.028	99	907197	74.99	ng	0.00
23) Nitrobenzene-d5	9.016	82	804090	80.42	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	518198	100.48	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1653041	66.62	ng	0.00
79) Terphenyl-d14	19.804	244	2009707	72.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	84	Below Cal	#	1
9) Benzaldehyde	7.022	77	239082	36.35	ng	# 5
10) Phenol	7.028	94	36740	3.18	ng	# 1
11) bis(2-Chloroethyl)ether	7.252	93	46114	5.00	ng	# 1
15) Benzyl Alcohol	8.105	79	70453	7.69	ng	# 64
17) 2-Methylphenol	8.363	107	17838	2.23	ng	# 1
18) Hexachloroethane	8.981	117	999584	276.17	ng	# 1
19) n-Nitroso-di-n-propyla...	8.652	70	299435	40.44	ng	# 69
22) Acetophenone	8.569	105	383709	28.35	ng	# 22
24) Nitrobenzene	9.075	77	257091	27.02	ng	# 57
25) Isophorone	9.605	82	777323	42.78	ng	# 1
26) 2-Nitrophenol	9.810	139	76661	15.91	ng	# 1
28) bis(2-Chloroethoxy)met...	10.081	93	72912	6.08	ng	# 1
29) 2,4-Dichlorophenol	10.293	162	37769	4.24	ng	# 30
31) Naphthalene	10.716	128	84544	3.11	ng	# 1
32) Benzoic acid	9.999	122	13907	2.18	ng	# 1
37) 2-Methylnaphthalene	12.528	142	229276	11.44	ng	93
38) 1-Methylnaphthalene	12.528	142	229276	11.68	ng	# 98
71) Phenanthrene	17.281	178	114369	3.14	ng	100
75) Fluoranthene	19.257	202	118631	2.59	ng	98
78) Pyrene	19.604	202	155830	4.49	ng	97

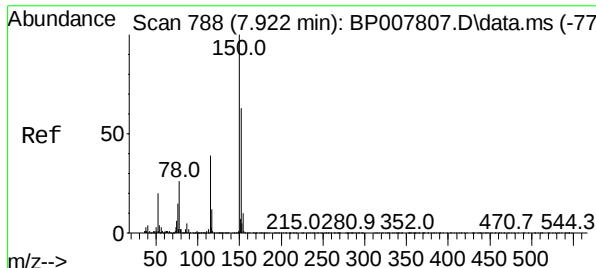
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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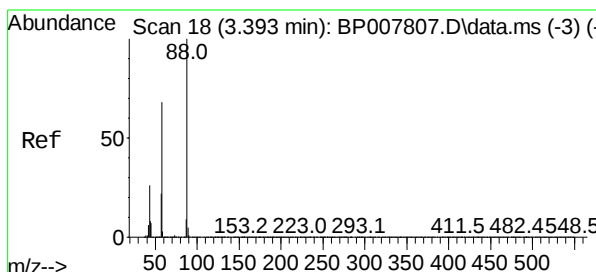
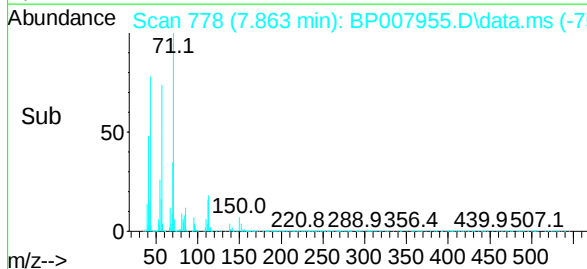
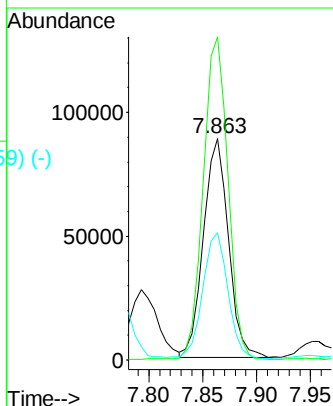
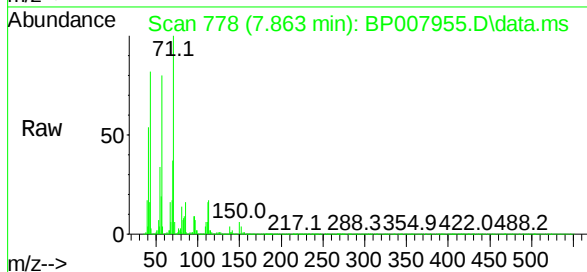




Scan 788 (7.922 min): BP007807.D\data.ms (-777) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.863 min Scan#
 Delta R.T. 0.011 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

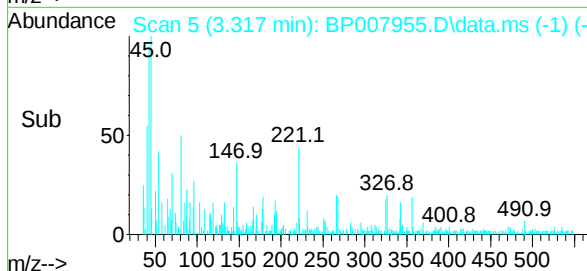
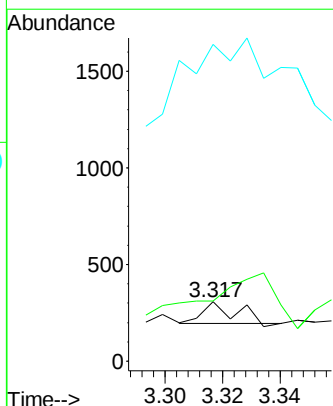
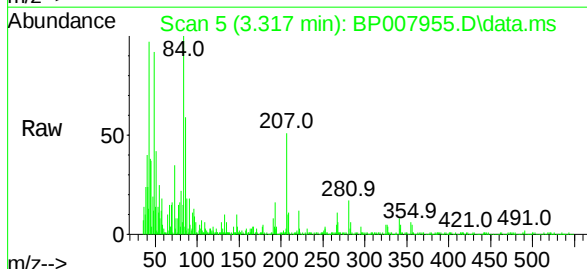
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

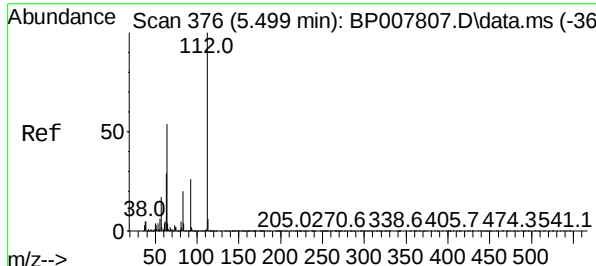
Tgt Ion:	152	Resp:	141746
Ion	Ratio	Lower	Upper
152	100		
150	146.0	124.1	186.1
115	57.6	48.1	72.1



Scan 18 (3.393 min): BP007807.D\data.ms (-3) (-) #2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.317 min Scan# 5
 Delta R.T. -0.024 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:	88	Resp:	84
Ion	Ratio	Lower	Upper
88	100		
58	492.9	58.1	87.1#
43	831.0	22.2	33.4#





2-Fluorophenol

Concen: 114.82 ng

RT: 5.434 min Scan# 365

Delta R.T. -0.000 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

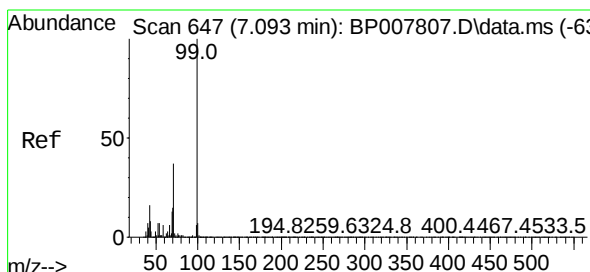
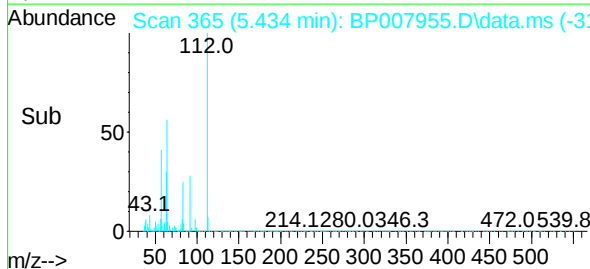
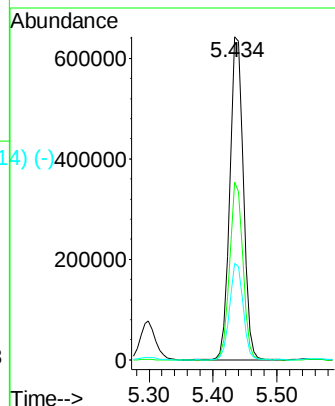
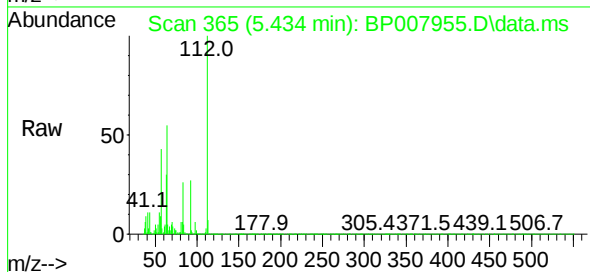
Tgt Ion:112 Resp: 959689

Ion Ratio Lower Upper

112 100

64 55.1 46.6 70.0

63 30.0 25.0 37.6



Phenol-d6

Concen: 74.99 ng

RT: 7.028 min Scan# 636

Delta R.T. -0.000 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

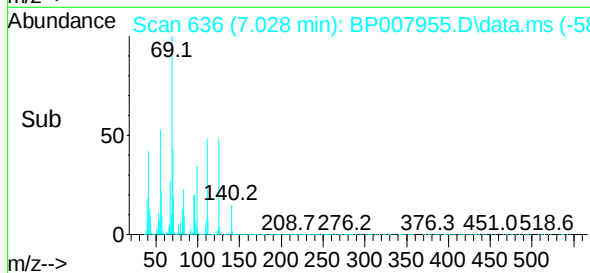
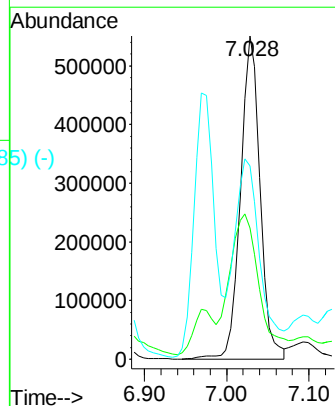
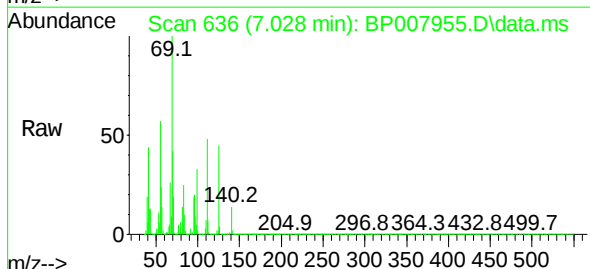
Tgt Ion: 99 Resp: 907197

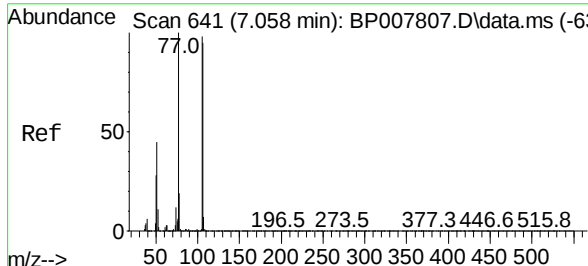
Ion Ratio Lower Upper

99 100

42 40.6 14.9 22.3#

71 59.8 29.2 43.8#





Benzaldehyde

Concen: 36.35 ng

RT: 7.022 min Scan# 635

Delta R.T. 0.029 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

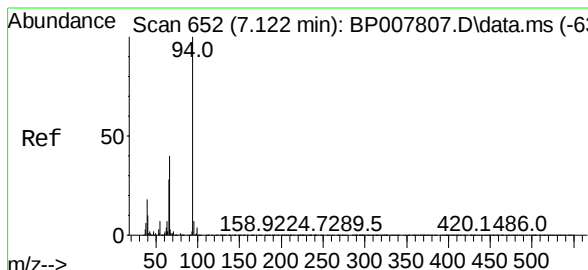
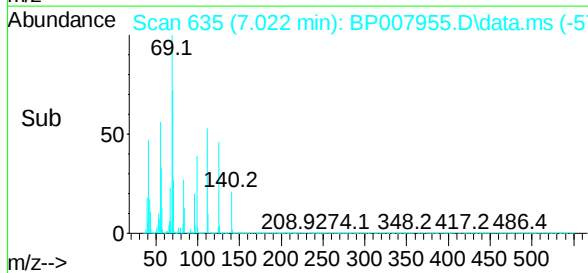
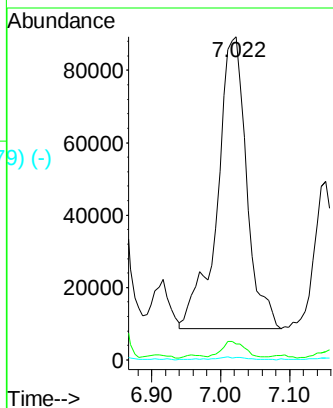
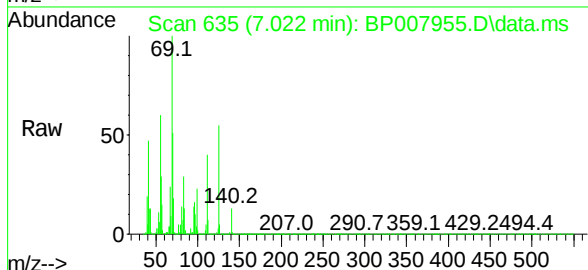
Tgt Ion: 77 Resp: 239082

Ion Ratio Lower Upper

77 100

105 5.0 77.5 117.5#

106 0.8 72.1 112.1#



Phenol

Concen: 3.18 ng

RT: 7.028 min Scan# 636

Delta R.T. -0.029 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

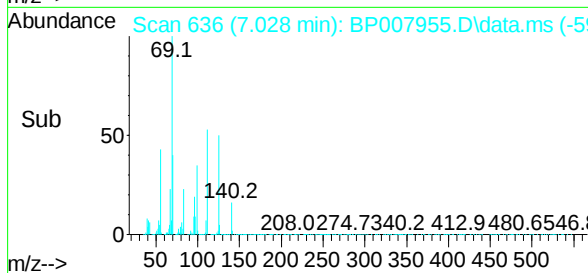
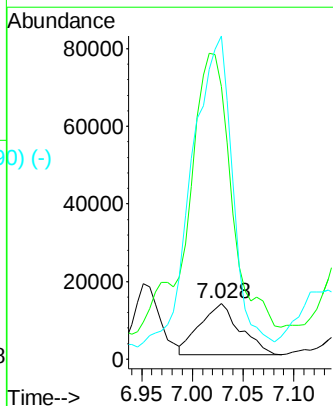
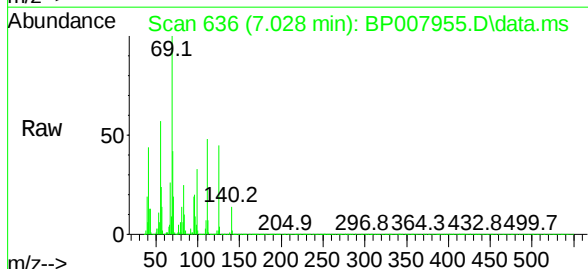
Tgt Ion: 94 Resp: 36740

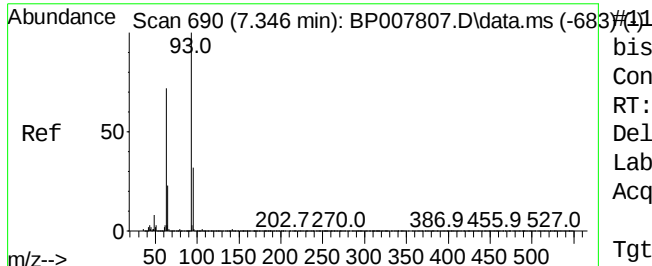
Ion Ratio Lower Upper

94 100

65 490.7 8.2 48.2#

66 581.1 18.8 58.8#

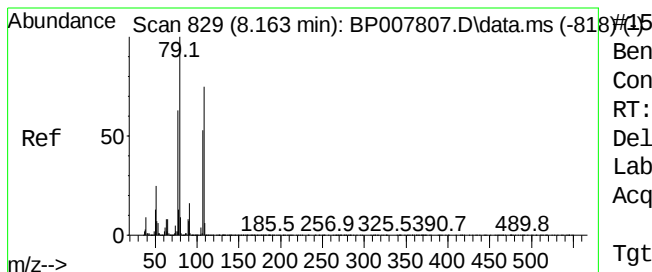
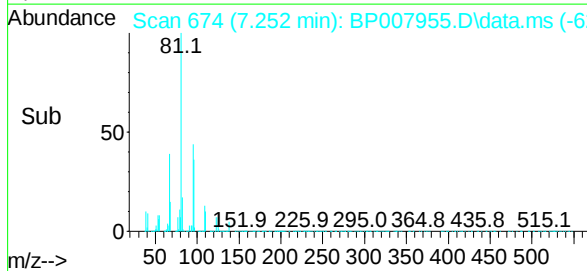
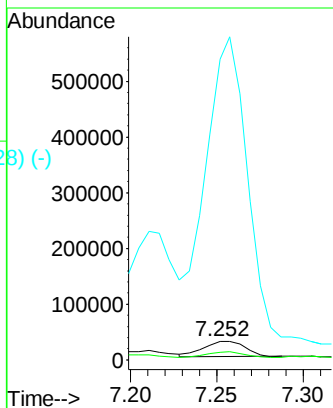
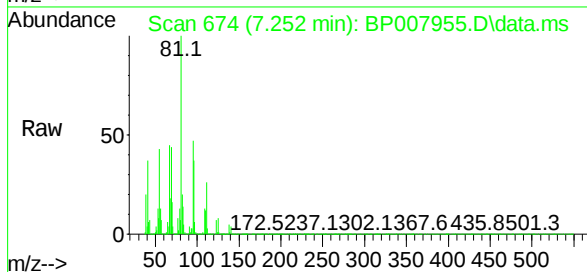




bis(2-Chloroethyl)ether
 Concen: 5.00 ng
 RT: 7.252 min Scan# 674
 Delta R.T. -0.029 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

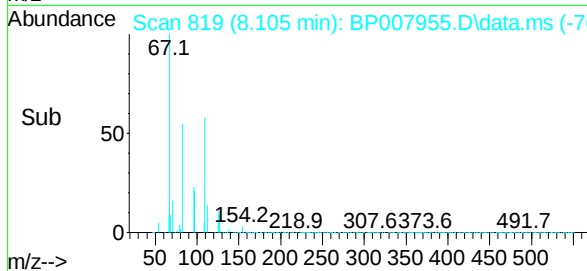
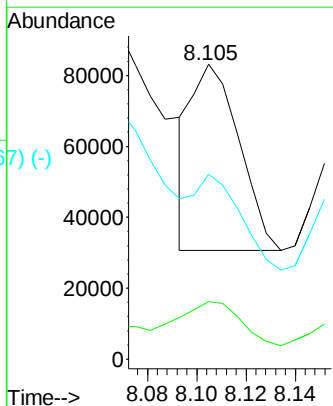
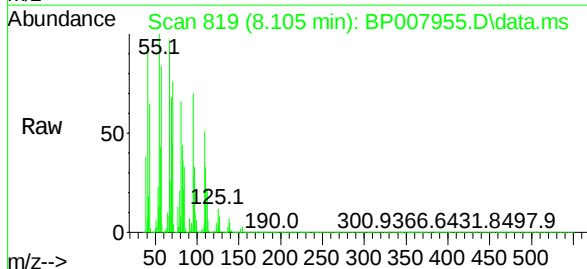
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

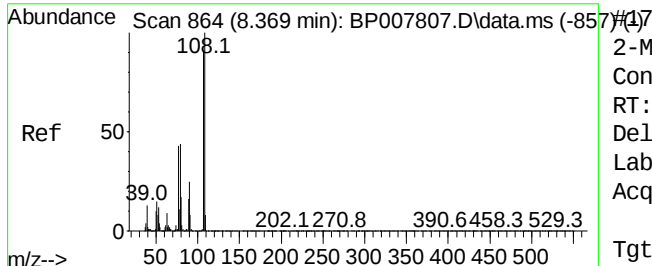
Tgt Ion: 93 Resp: 46114
 Ion Ratio Lower Upper
 93 100
 63 41.4 55.7 95.7#
 95 1610.1 12.7 52.7#



Benzyl Alcohol
 Concen: 7.69 ng
 RT: 8.105 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion: 79 Resp: 70453
 Ion Ratio Lower Upper
 79 100
 108 19.6 59.9 89.9#
 77 62.7 51.1 76.7





2-Methylphenol

Concen: 2.23 ng

RT: 8.363 min Scan# 864

Delta R.T. 0.059 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

Tgt Ion:107 Resp: 17838

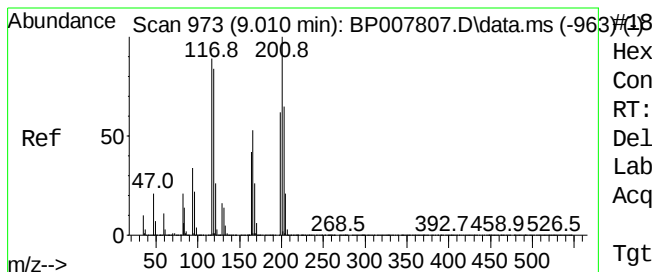
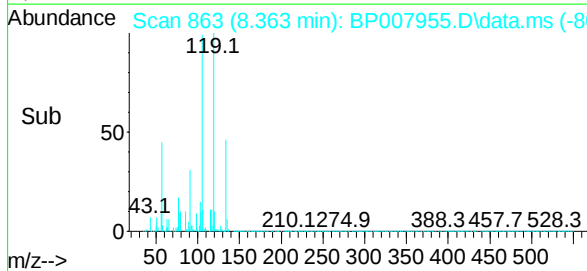
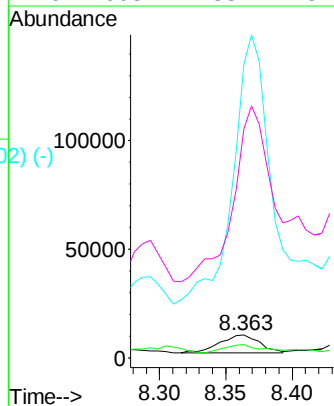
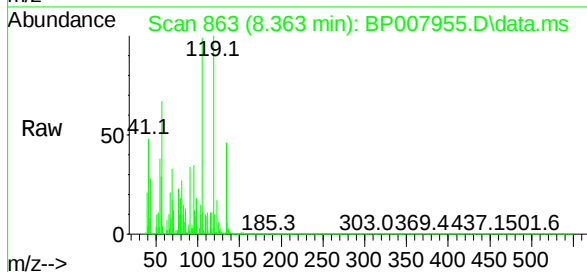
Ion Ratio Lower Upper

107 100

108 57.8 89.2 133.8#

77 1285.4 38.5 57.7#

79 1003.1 38.4 57.6#



Hexachloroethane

Concen: 276.17 ng

RT: 8.981 min Scan# 968

Delta R.T. 0.047 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

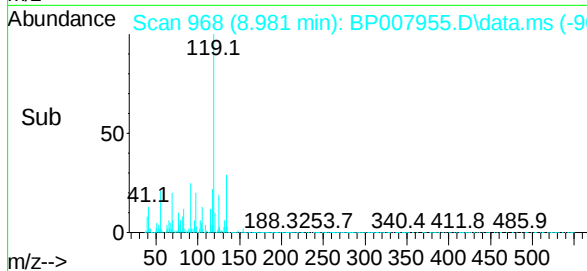
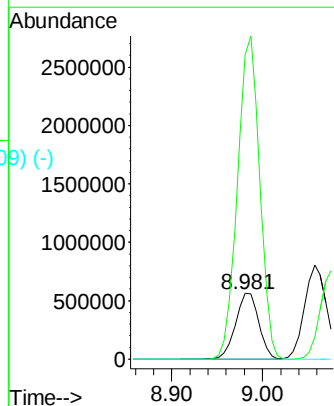
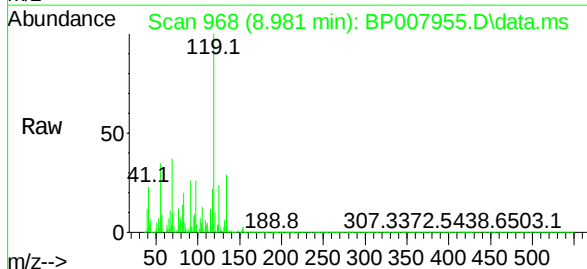
Tgt Ion:117 Resp: 999584

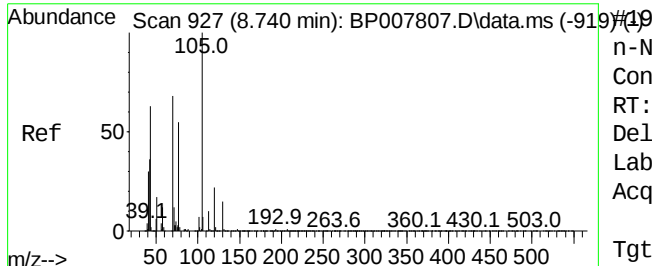
Ion Ratio Lower Upper

117 100

119 462.3 77.6 116.4#

201 0.0 82.9 124.3#

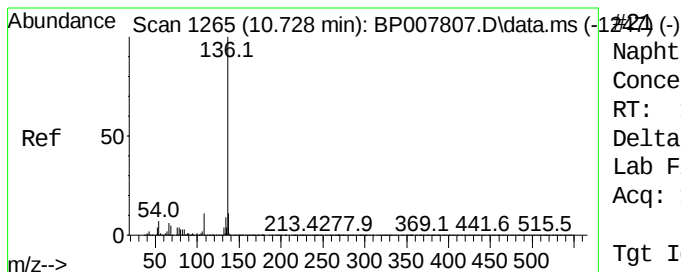
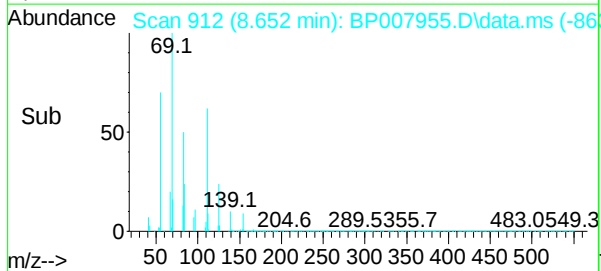
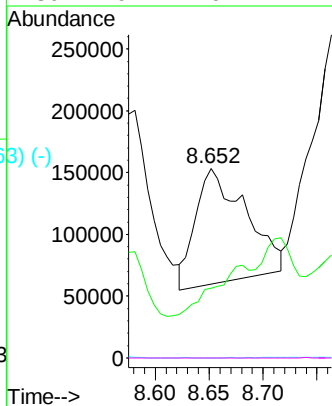
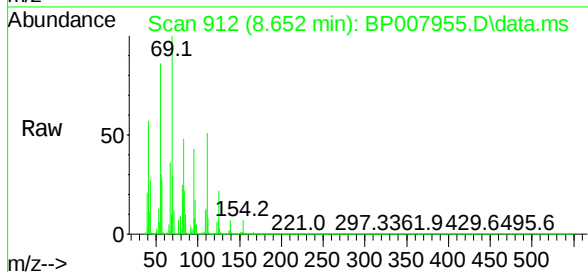




n-Nitroso-di-n-propylamine
 Concen: 40.44 ng
 RT: 8.652 min Scan# 119
 Delta R.T. -0.012 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

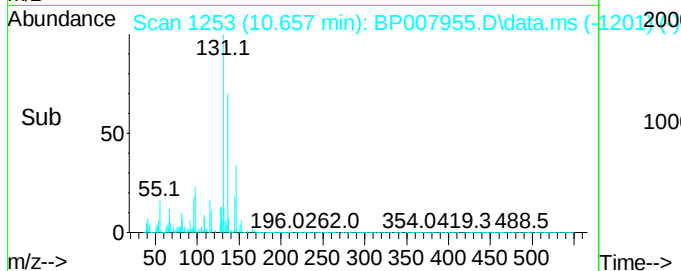
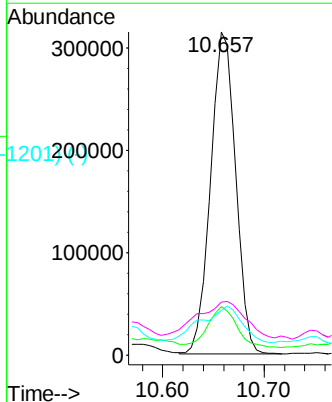
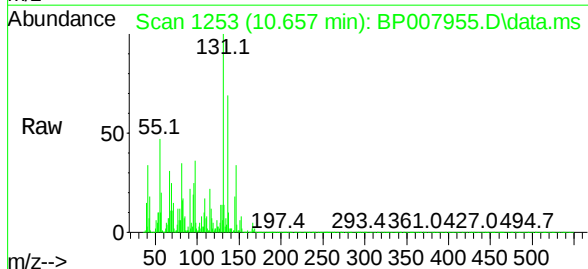
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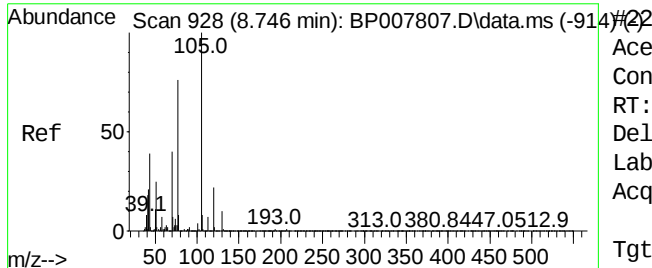
Tgt Ion:	70	Resp:	299435
Ion	Ratio	Lower	Upper
70	100		
42	36.9	46.2	69.2#
101	0.1	7.7	11.5#
130	0.1	16.2	24.4#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.657 min Scan# 1253
 Delta R.T. 0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:	136	Resp:	537078
Ion	Ratio	Lower	Upper
136	100		
137	14.9	8.6	13.0#
54	13.9	6.2	9.4#
68	16.4	4.7	7.1#





Acetophenone

Concen: 28.35 ng

RT: 8.569 min Scan# 81

Delta R.T. -0.106 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

Tgt Ion:105 Resp: 383709

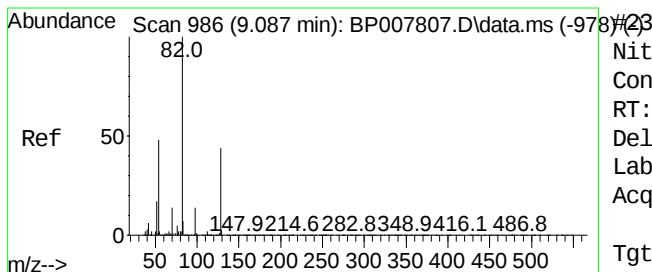
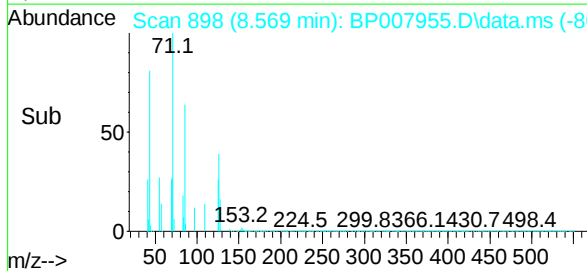
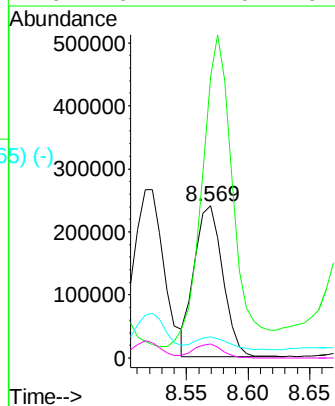
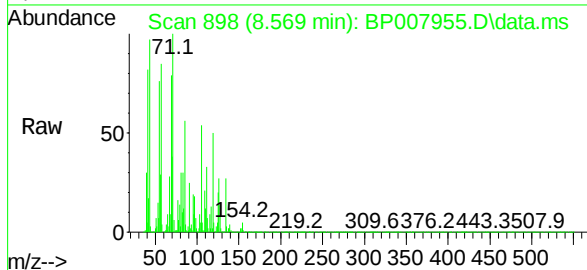
Ion Ratio Lower Upper

105 100

71 184.1 4.5 6.7#

51 13.8 21.8 32.8#

120 9.2 17.6 26.4#



Nitrobenzene-d5

Concen: 80.42 ng

RT: 9.016 min Scan# 974

Delta R.T. 0.006 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

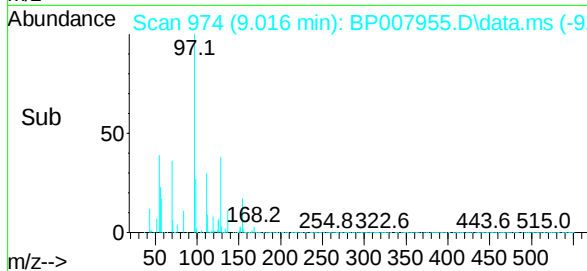
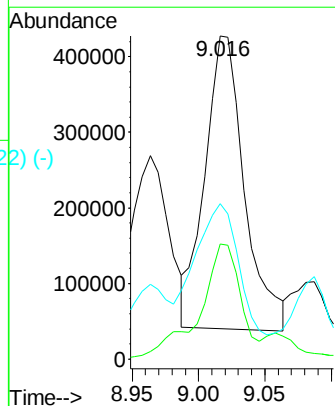
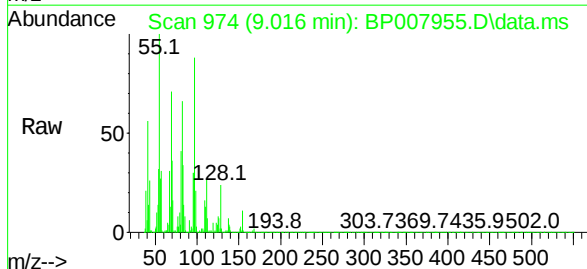
Tgt Ion: 82 Resp: 804090

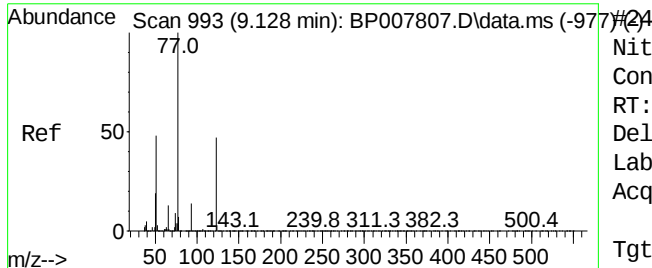
Ion Ratio Lower Upper

82 100

128 35.7 32.6 48.8

54 48.1 40.4 60.6





Nitrobenzene

Concen: 27.02 ng

RT: 9.075 min Scan# 1074

Delta R.T. 0.024 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

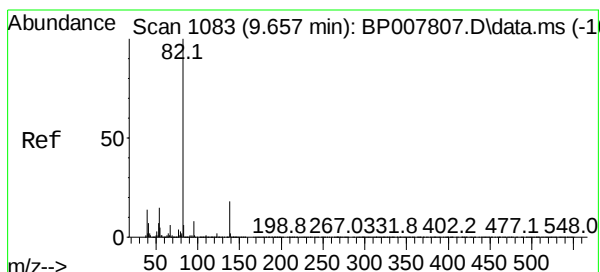
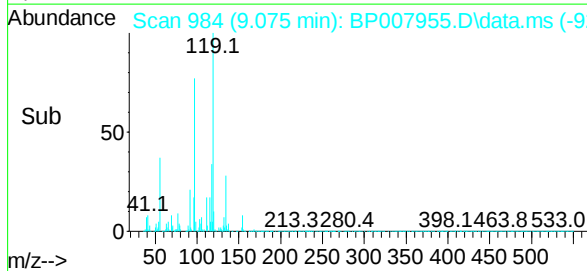
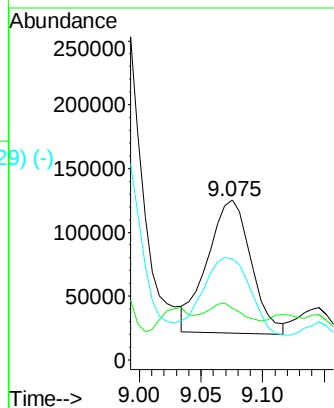
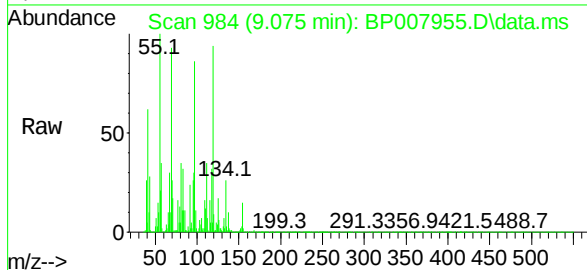
Tgt Ion: 77 Resp: 257091

Ion Ratio Lower Upper

77 100

123 32.4 35.3 52.9#

65 63.3 10.9 16.3#



Isophorone

Concen: 42.78 ng

RT: 9.605 min Scan# 1074

Delta R.T. 0.018 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

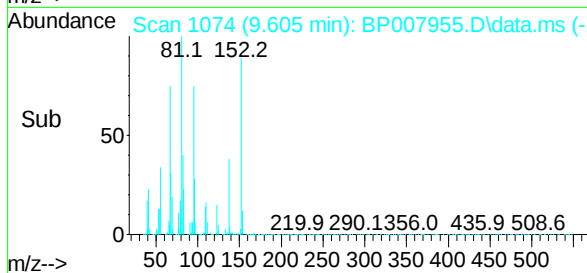
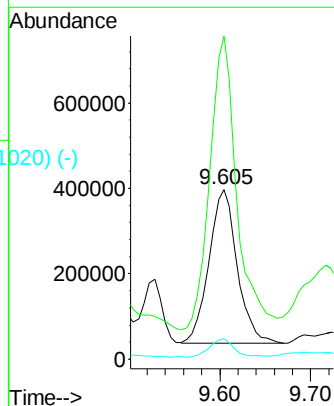
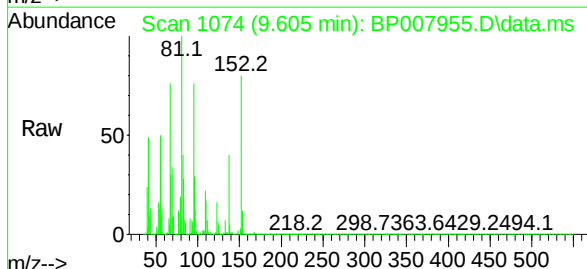
Tgt Ion: 82 Resp: 777323

Ion Ratio Lower Upper

82 100

95 190.3 6.2 9.2#

138 12.1 14.0 21.0#



Abundance Scan 1114 (9.840 min): BP007807.D\data.ms (-1104) (-)

2-Nitrophenol

Concen: 15.91 ng

RT: 9.810 min Scan# 1109

Delta R.T. 0.047 min

Lab File: BP007955.D

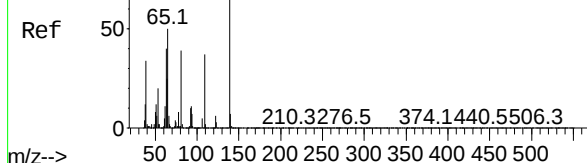
Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0



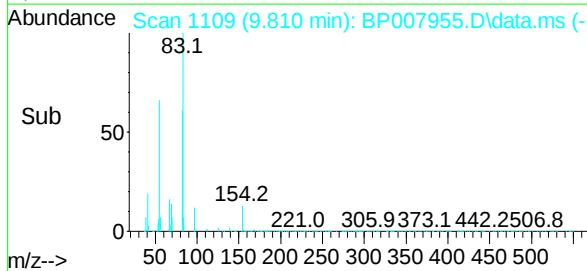
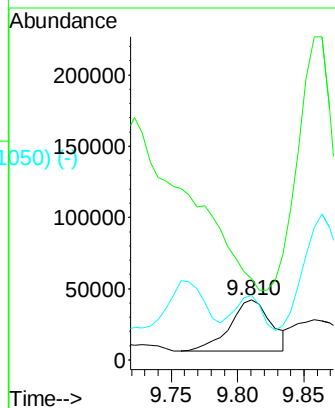
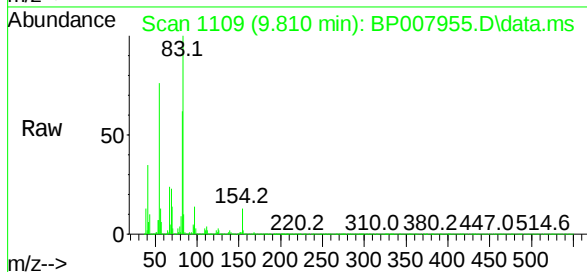
Tgt Ion:139 Resp: 76661

Ion Ratio Lower Upper

139 100

109 134.2 26.2 39.2#

65 106.5 40.3 60.5#



Abundance Scan 1165 (10.140 min): BP007807.D\data.ms (-1128) (-)

bis(2-Chloroethoxy)methane

Concen: 6.08 ng

RT: 10.081 min Scan# 1155

Delta R.T. 0.018 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

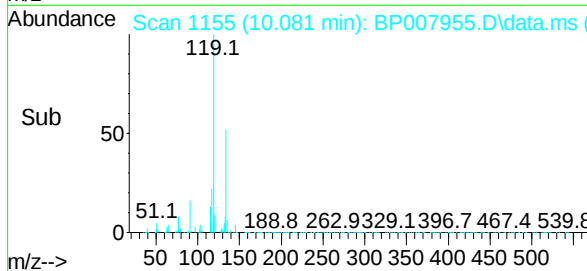
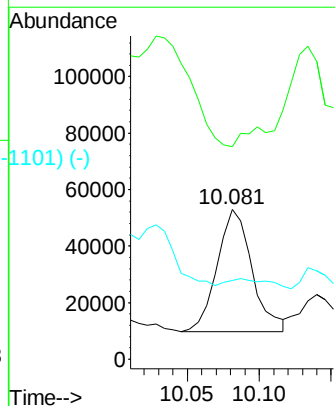
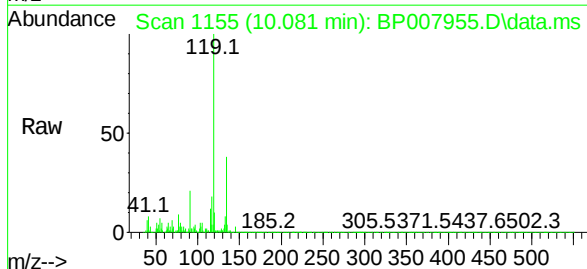
Tgt Ion: 93 Resp: 72912

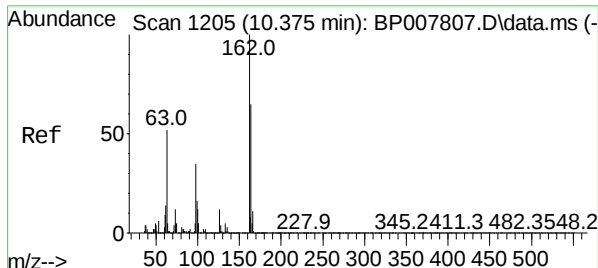
Ion Ratio Lower Upper

93 100

95 141.8 26.1 39.1#

123 52.5 8.5 12.7#

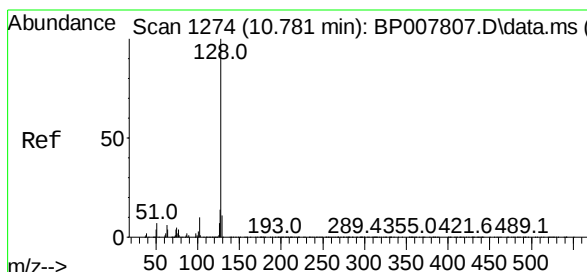
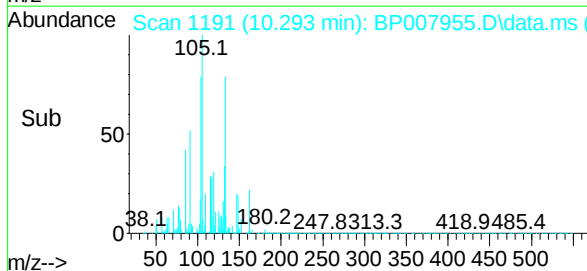
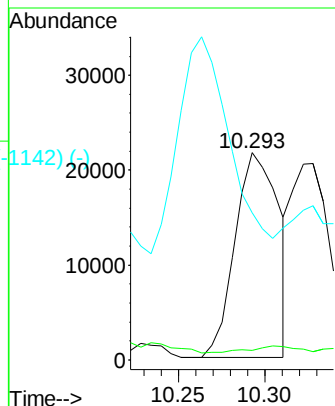
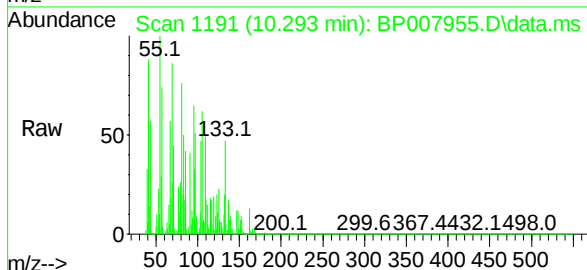




Scan 1205 (10.375 min): BP007807.D\data.ms (-1129) (-)
 2,4-Dichlorophenol
 Concen: 4.24 ng
 RT: 10.293 min Scan# 1191
 Delta R.T. -0.012 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

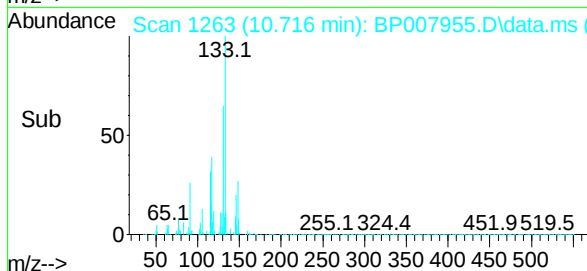
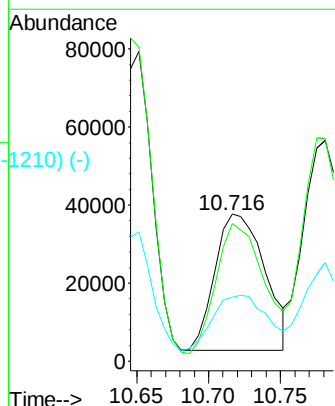
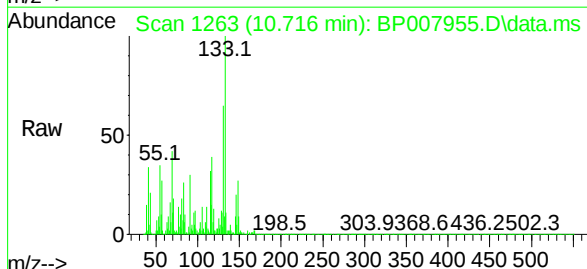
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

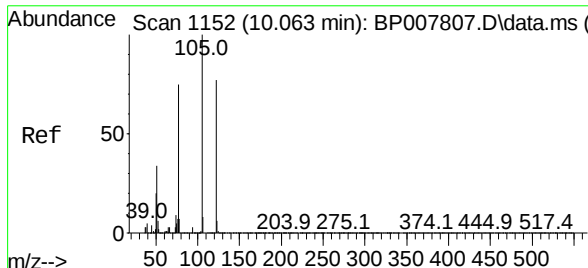
Tgt Ion:	162	Resp:	37769
Ion	Ratio	Lower	Upper
162	100		
164	4.7	44.0	84.0#
98	70.9	16.3	56.3#



Scan 1274 (10.781 min): BP007807.D\data.ms (-1263) (-)
 Naphthalene
 Concen: 3.11 ng
 RT: 10.716 min Scan# 1263
 Delta R.T. 0.012 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:	128	Resp:	84544
Ion	Ratio	Lower	Upper
128	100		
129	93.5	8.9	13.3#
127	43.3	10.2	15.4#

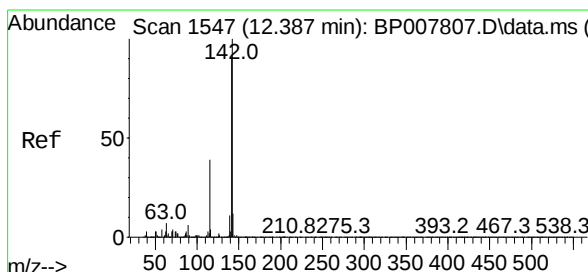
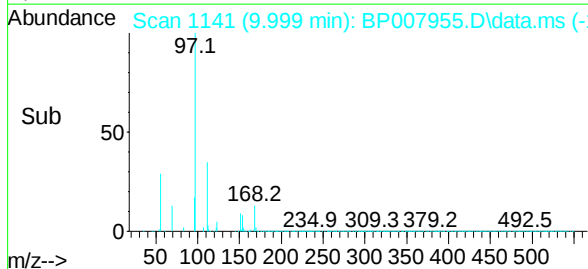
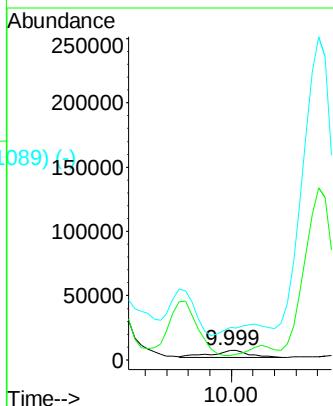
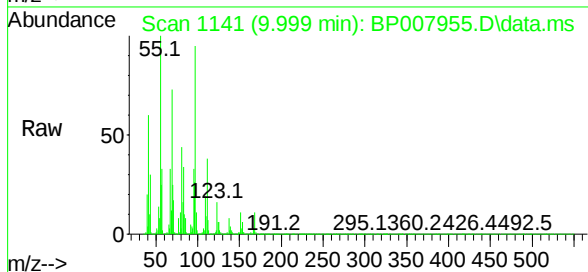




Benzoic acid
 Concen: 2.18 ng
 RT: 9.999 min Scan# 1152
 Delta R.T. 0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

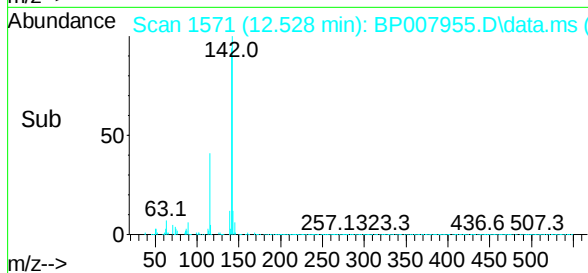
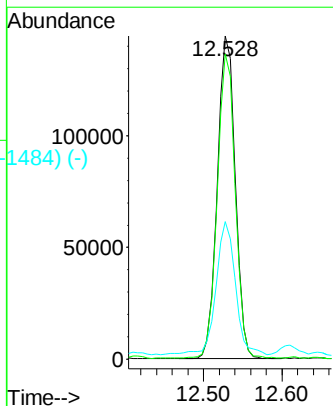
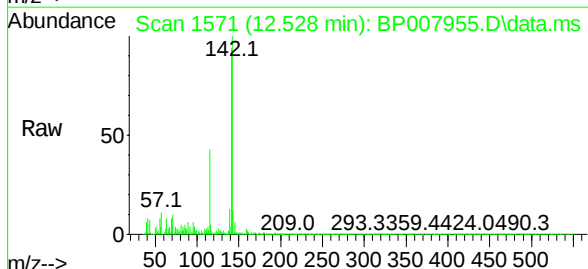
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

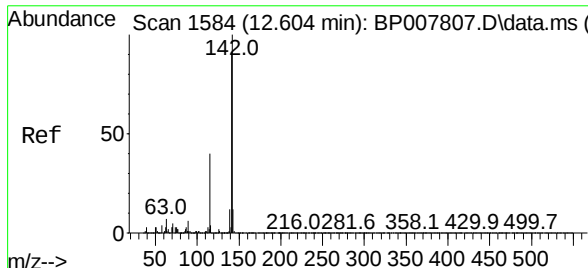
Tgt Ion:122 Resp: 13907
 Ion Ratio Lower Upper
 122 100
 105 43.8 105.9 145.9#
 77 338.9 74.6 114.6#



2-Methylnaphthalene
 Concen: 11.44 ng
 RT: 12.528 min Scan# 1571
 Delta R.T. 0.212 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:142 Resp: 229276
 Ion Ratio Lower Upper
 142 100
 141 94.5 71.4 107.0
 115 42.5 29.5 44.3

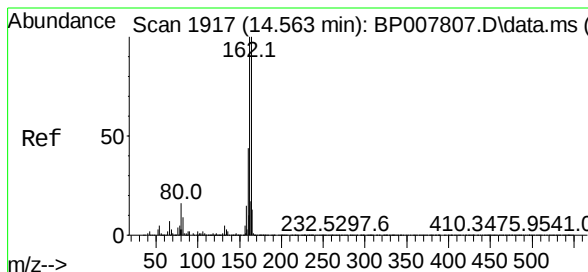
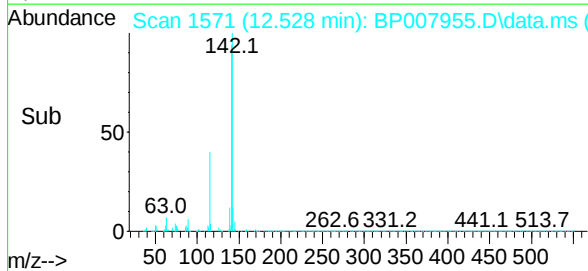
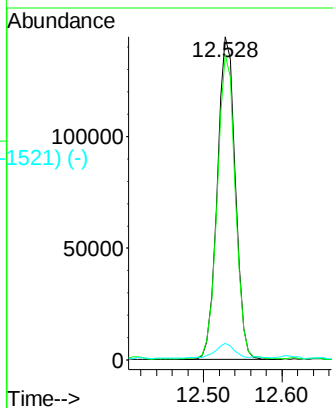
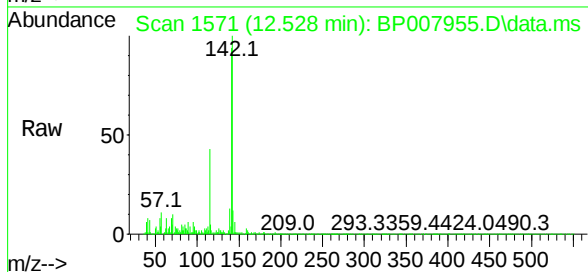




1-Methylnaphthalene
 Concen: 11.68 ng
 RT: 12.528 min Scan# 1578
 Delta R.T. -0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

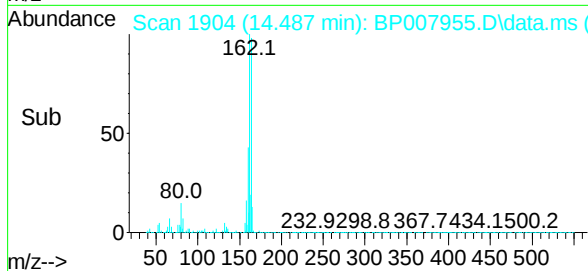
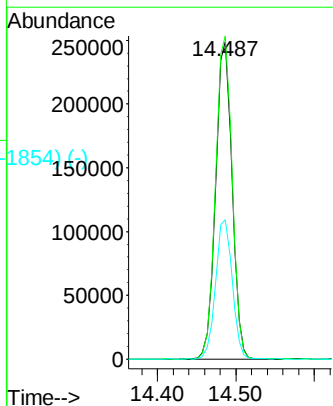
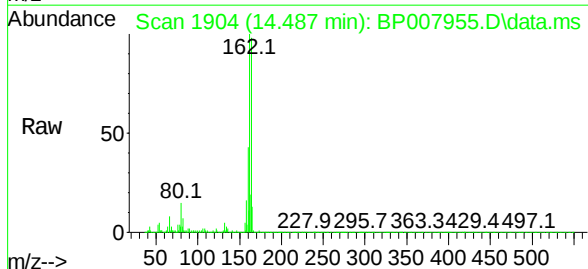
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

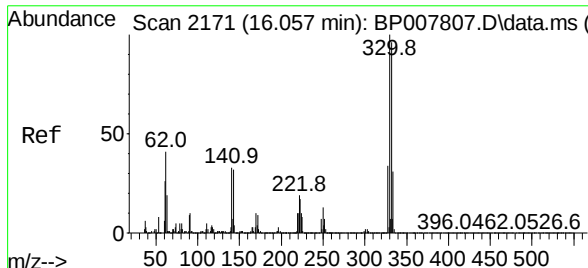
Tgt Ion:	142	Resp:	229276
Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.4	111.6
116	5.1	3.4	5.0#



Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.487 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:	164	Resp:	361364
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	43.9	36.0	54.0

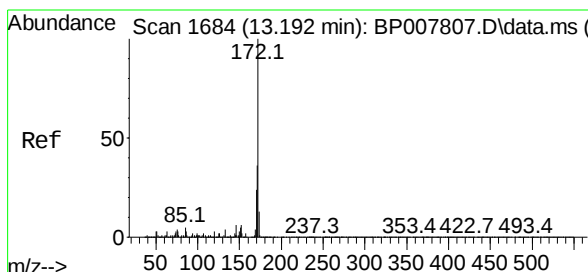
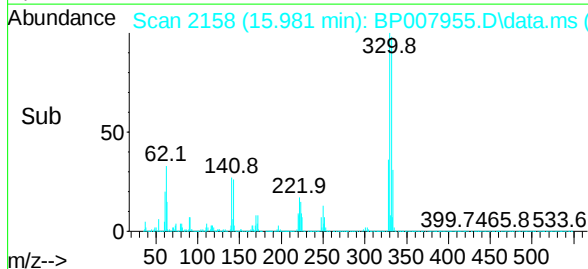
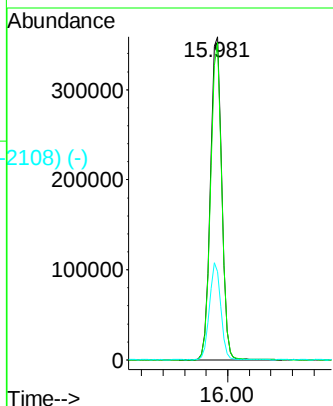
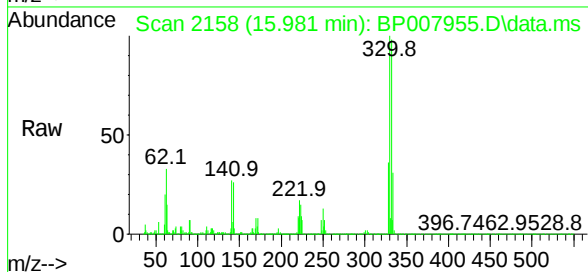




Scan 2171 (16.057 min): BP007807.D\data.ms (-2162) (-)
 2,4,6-Tribromophenol
 Concen: 100.48 ng
 RT: 15.981 min Scan# 1612
 Delta R.T. -0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

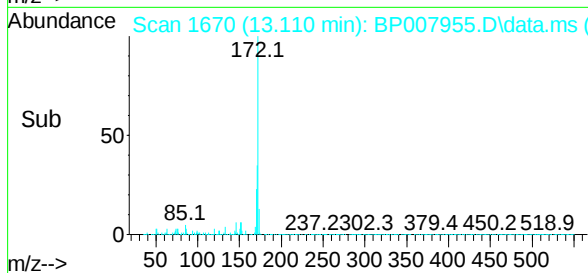
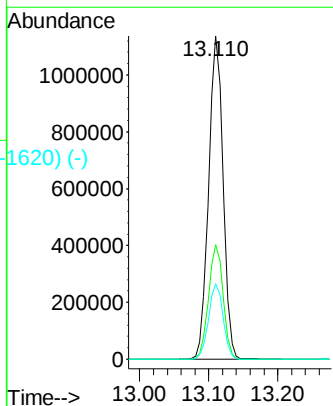
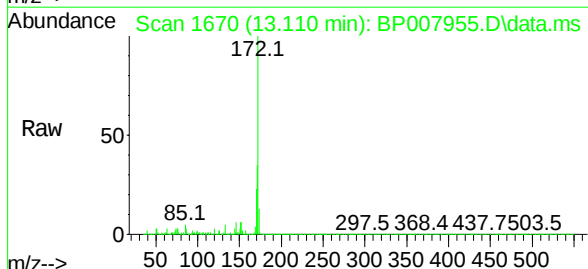
Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

Tgt Ion:	330	Resp:	518198
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.9	118.3
141	29.8	30.7	46.1#

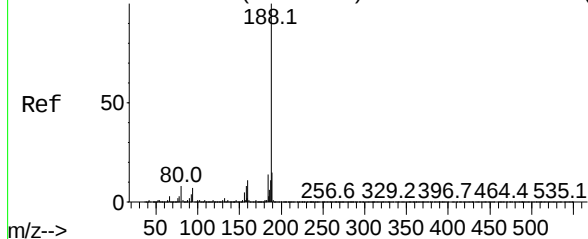


Scan 1684 (13.192 min): BP007807.D\data.ms (-1674) (-)
 2-Fluorobiphenyl
 Concen: 66.62 ng
 RT: 13.110 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:	172	Resp:	1653041
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.4	19.0	28.4



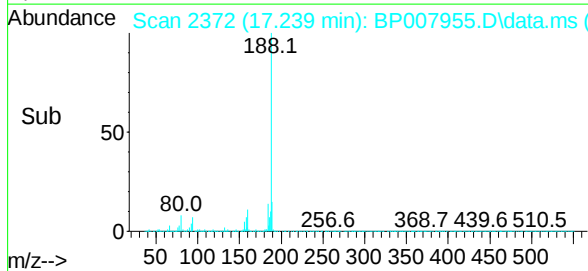
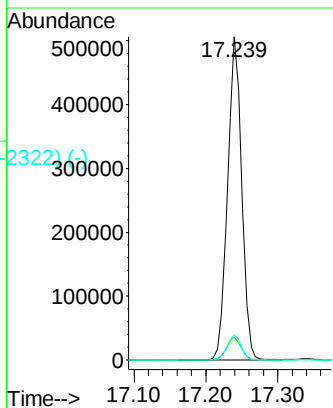
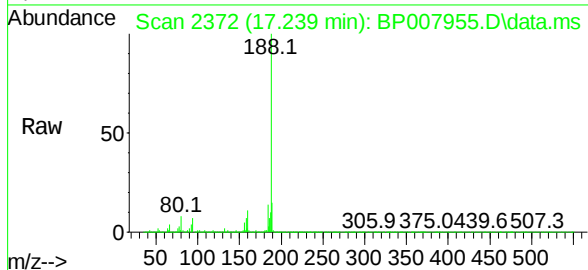
Abundance Scan 2386 (17.322 min): BP007807.D\data.ms (-2386) (-)



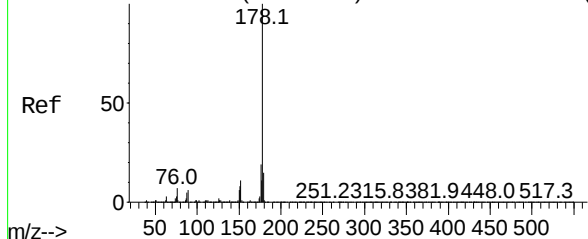
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

Tgt Ion:188 Resp: 691835
Ion Ratio Lower Upper
188 100
94 7.0 7.1 10.7#
80 7.9 7.8 11.6

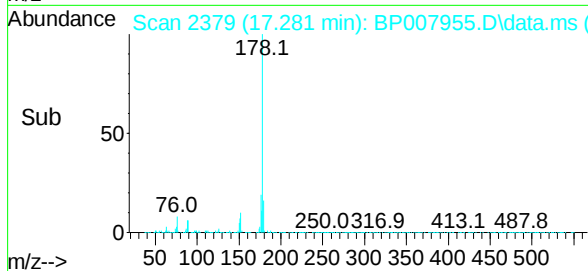
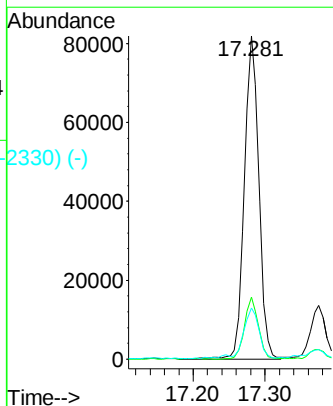
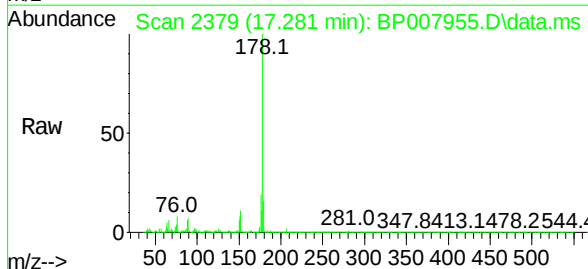


Abundance Scan 2393 (17.363 min): BP007807.D\data.ms (-2393) (-)

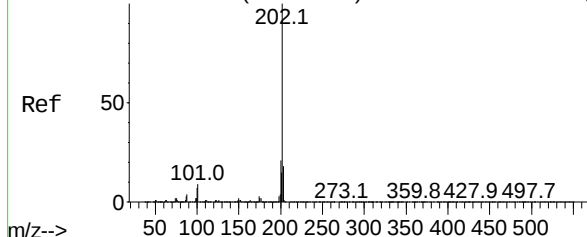


Phenanthrene
Concen: 3.14 ng
RT: 17.281 min Scan# 2379
Delta R.T. -0.012 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:178 Resp: 114369
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 12.3 18.5



Abundance Scan 2727 (19.327 min): BP007807.D\data.ms (-2727) (-)



Fluoranthene

Concen: 2.59 ng

RT: 19.257 min Scan# 2727

Delta R.T. -0.000 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

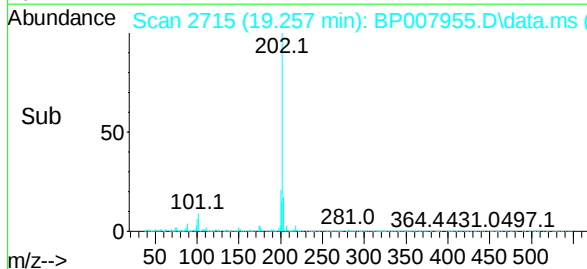
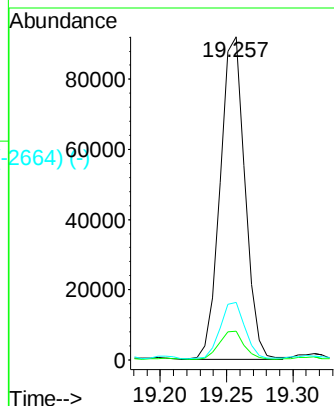
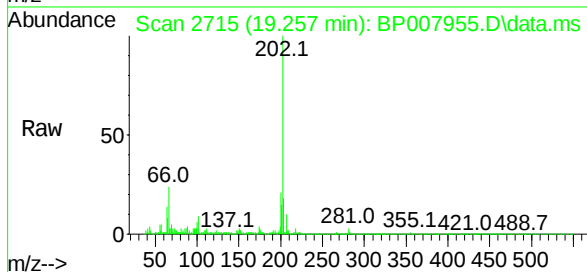
Tgt Ion:202 Resp: 118631

Ion Ratio Lower Upper

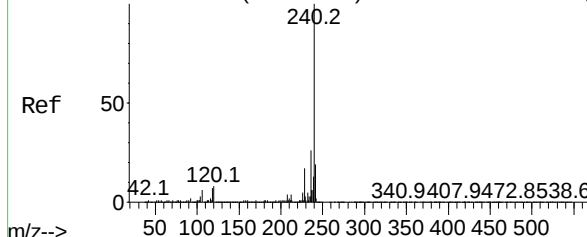
202 100

101 8.8 0.0 30.4

203 17.8 0.0 37.6



Abundance Scan 3082 (21.416 min): BP007807.D\data.ms (-3073) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.333 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

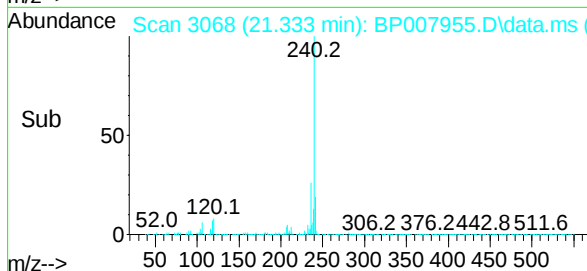
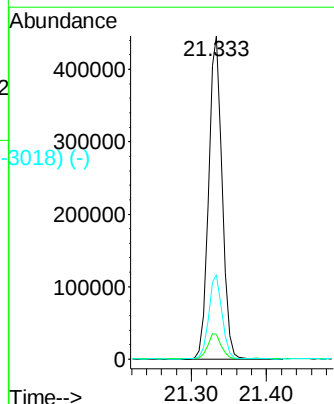
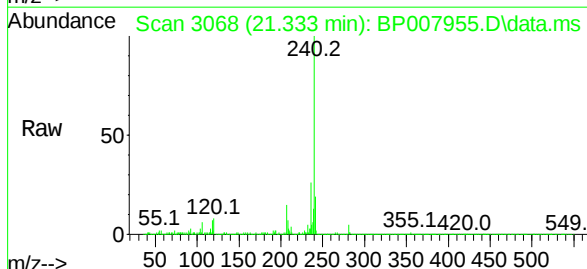
Tgt Ion:240 Resp: 565250

Ion Ratio Lower Upper

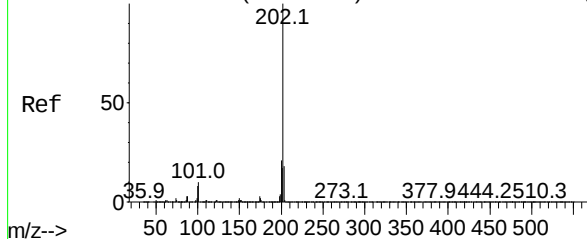
240 100

120 7.7 7.8 11.8#

236 26.1 20.6 30.8



Abundance Scan 2787 (19.680 min): BP007807.D\data.ms (-2778) (-)



Pyrene

Concen: 4.49 ng

RT: 19.604 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

Instrument :

BNA_P

ClientSampleId :

SB-13R-5.0

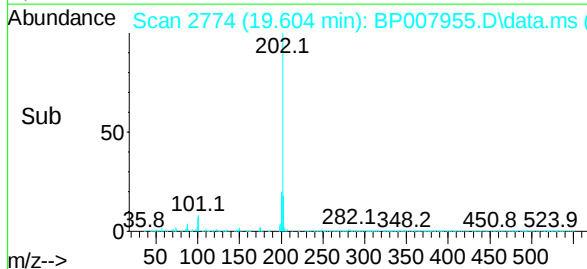
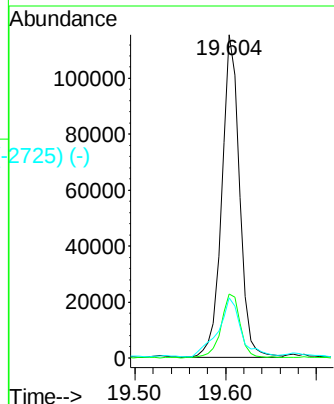
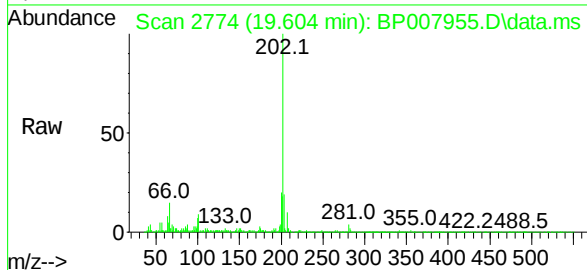
Tgt Ion:202 Resp: 155830

Ion Ratio Lower Upper

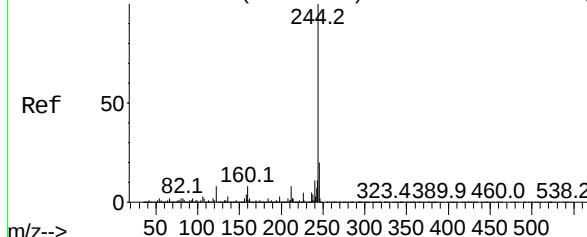
202 100

200 19.8 16.9 25.3

203 18.6 13.8 20.6



Abundance Scan 2821 (19.880 min): BP007807.D\data.ms (-2819) (-)



Terphenyl-d14

Concen: 72.40 ng

RT: 19.804 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP007955.D

Acq: 11 Nov 2021 20:37

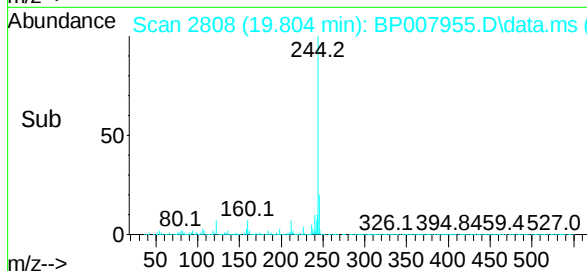
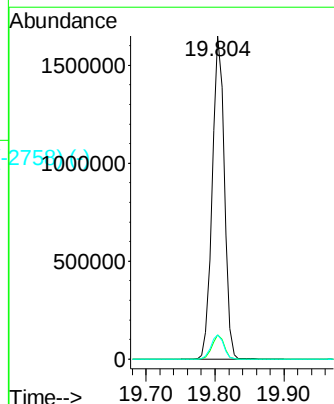
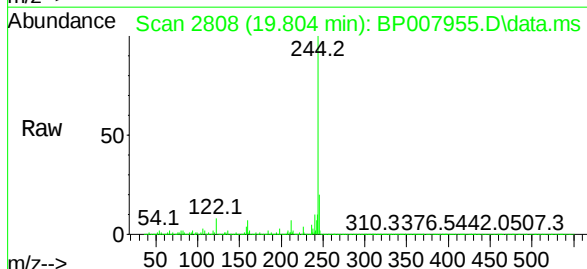
Tgt Ion:244 Resp: 2009707

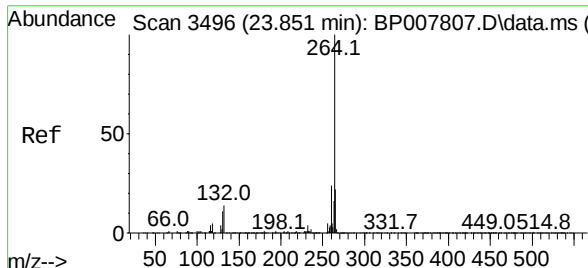
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.5 7.8 11.8#





Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 488
 Delta R.T. -0.012 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

Tgt Ion:	264	Resp:	752785
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	22.8	16.7	25.1

