

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008138.D
 Acq On : 29 Nov 2021 13:08
 Operator : CG/JU
 Sample : M4798-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1-3.0

Quant Time: Nov 29 13:41:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

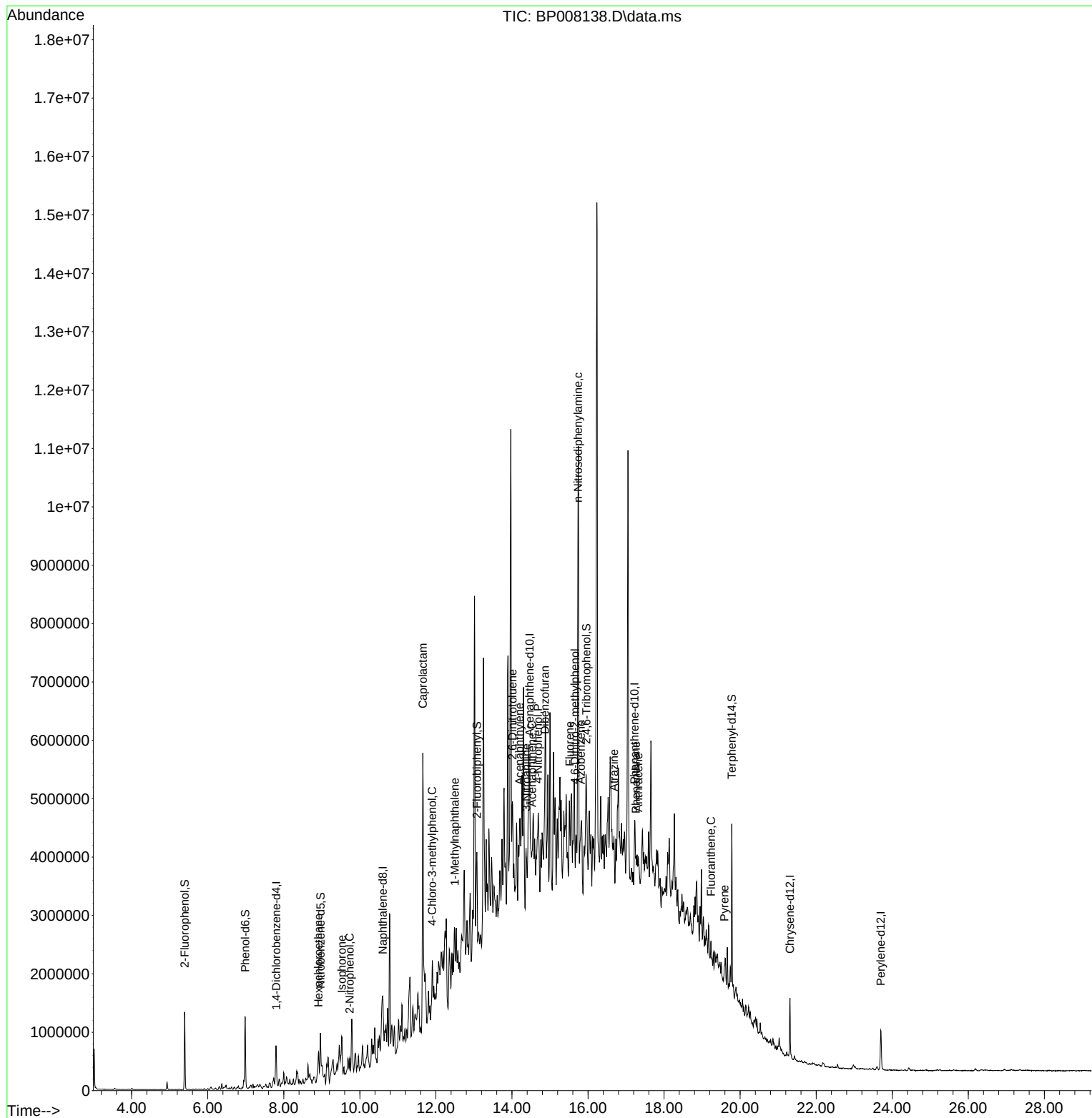
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	96990	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	335509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	197467	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	403398	20.000	ng	# 0.00
76) Chrysene-d12	21.310	240	478494	20.000	ng	0.00
86) Perylene-d12	23.698	264	526117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	509443	84.571	ng	-0.01
7) Phenol-d6	6.987	99	665545	81.845	ng	-0.01
23) Nitrobenzene-d5	8.963	82	475089	64.391	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	242794	96.196	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	785844	57.805	ng	0.00
79) Terphenyl-d14	19.781	244	1297022	56.650	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.964	77	2012	Below Cal	#	68
18) Hexachloroethane	8.911	117	11941	4.450	ng	# 1
25) Isophorone	9.528	82	70039	5.426	ng	# 1
26) 2-Nitrophenol	9.734	139	6431	2.083	ng	# 1
35) Caprolactam	11.657	113	202827	165.590	ng	# 84
36) 4-Chloro-3-methylphenol	11.899	107	15344	2.434	ng	# 28
38) 1-Methylnaphthalene	12.493	142	192634	16.280	ng	# 97
49) Acenaphthylene	14.198	152	65730	3.766	ng	# 1
51) 2,6-Dinitrotoluene	14.016	165	33245	10.803	ng	# 81
52) Acenaphthene	14.528	154	102196	9.824	ng	# 89
53) 3-Nitroaniline	14.375	138	36590	11.732	ng	# 21
55) Dibenzofuran	14.863	168	66627	3.748	ng	# 1
56) 4-Nitrophenol	14.681	139	49588	20.744	ng	# 1
58) Fluorene	15.516	166	80319	5.561	ng	# 61
63) Azobenzene	15.810	77	34797	2.312	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.651	198	6379	2.418	ng	# 1
66) n-Nitrosodiphenylamine	15.734	169	500383	42.822	ng	# 50
69) Atrazine	16.681	200	8305	2.738	ng	# 1
71) Phenanthrene	17.263	178	83169	3.905	ng	# 63
72) Anthracene	17.322	178	81192	3.841	ng	# 1
75) Fluoranthene	19.233	202	80921	2.820	ng	# 76
78) Pyrene	19.586	202	233238	5.466	ng	# 94

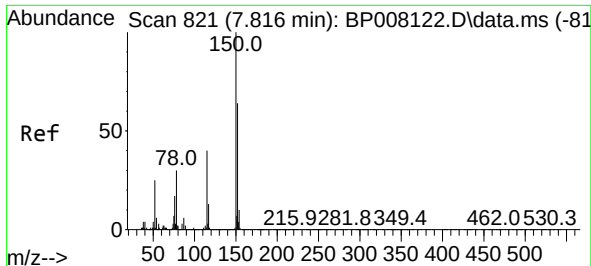
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 25 01:13:46 2021
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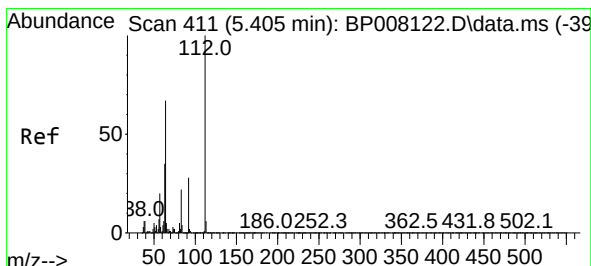
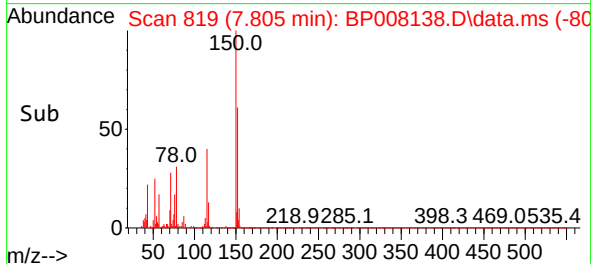
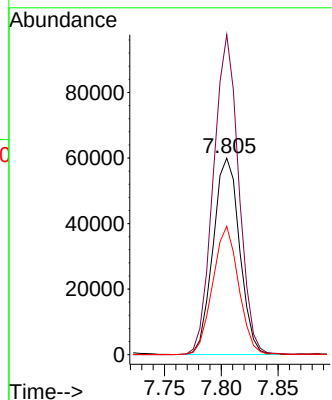
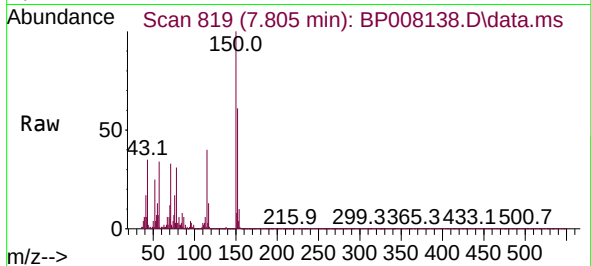




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

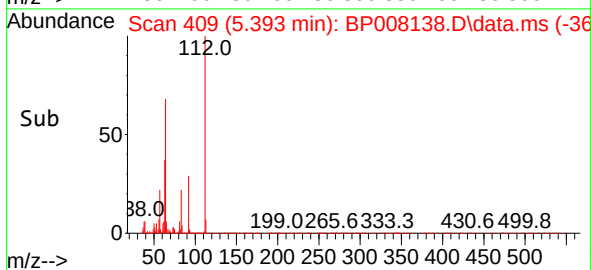
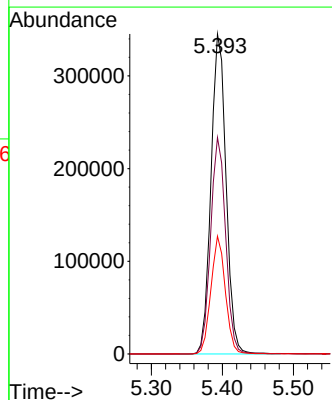
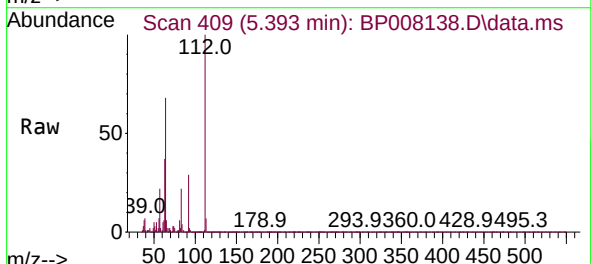
Instrument :
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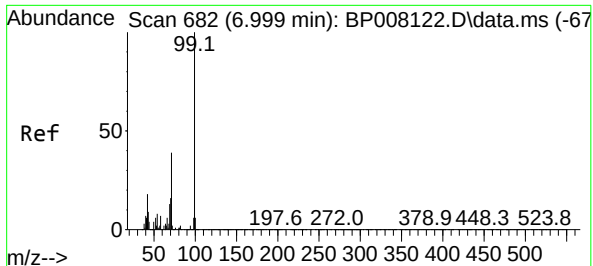
Tgt Ion:152 Resp: 96990
 Ion Ratio Lower Upper
 152 100
 150 162.8 125.7 188.5
 115 65.3 50.7 76.1



#5
 2-Fluorophenol
 Concen: 84.571 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

Tgt Ion:112 Resp: 509443
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.4 80.2
 63 36.8 27.8 41.8

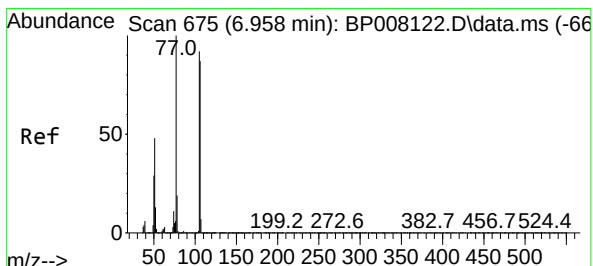
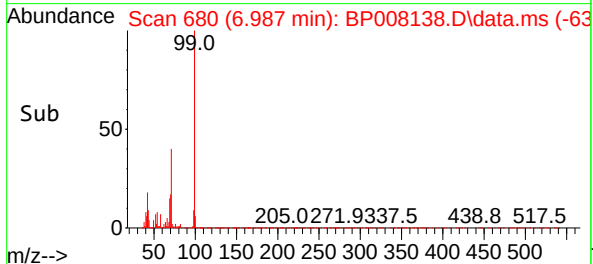
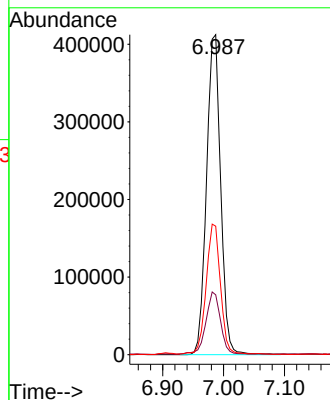
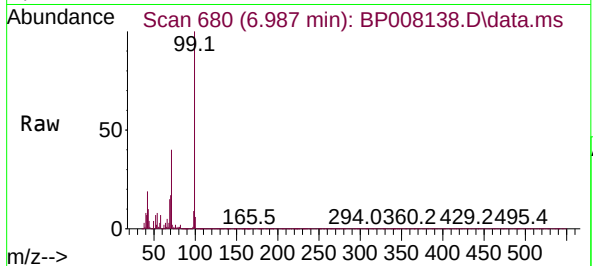




#7
Phenol-d6
Concen: 81.845 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

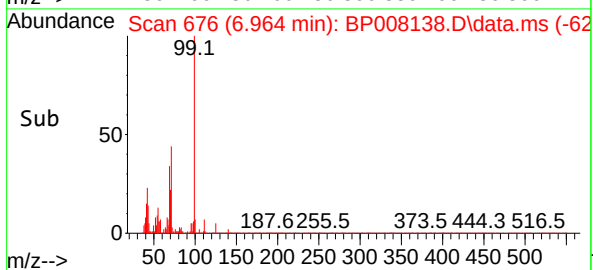
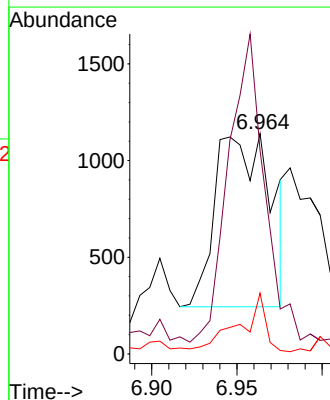
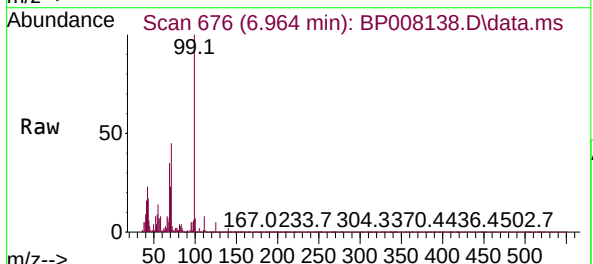
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

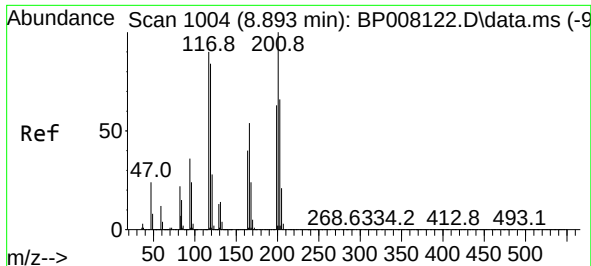
Tgt Ion: 99 Resp: 665545
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 40.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.964 min Scan# 676
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion: 77 Resp: 2012
Ion Ratio Lower Upper
77 100
105 92.4 71.8 111.8
106 27.5 67.3 107.3#

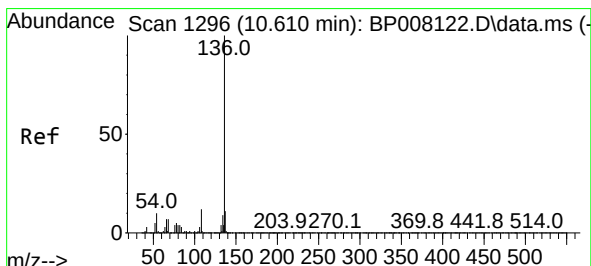
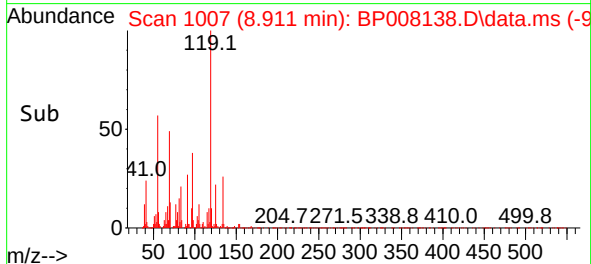
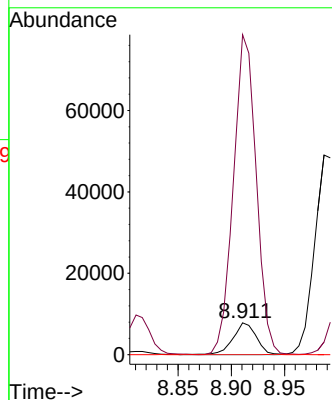
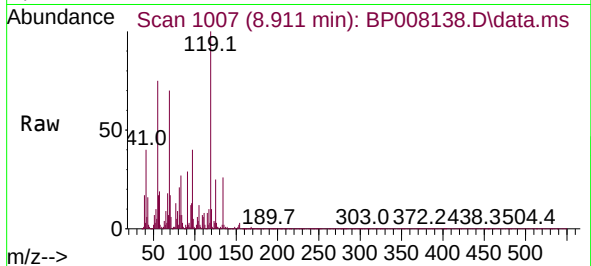




#18
Hexachloroethane
Concen: 4.450 ng
RT: 8.911 min Scan# 1007
Delta R.T. 0.018 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

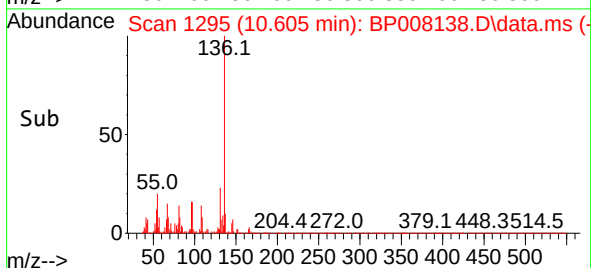
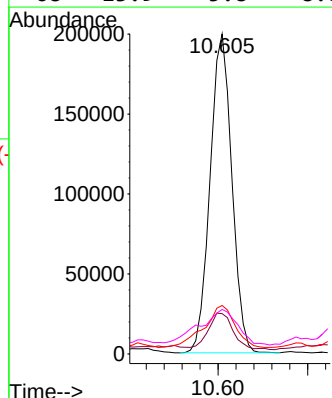
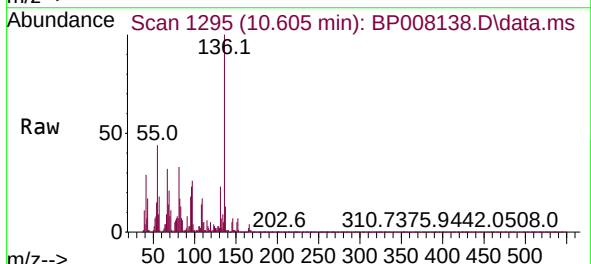
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

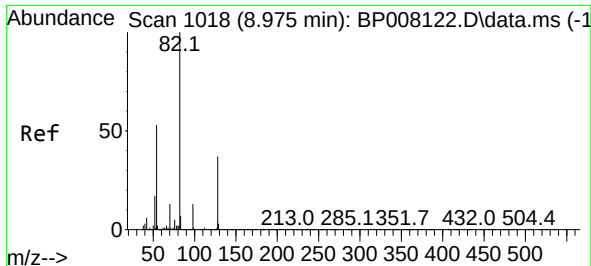
Tgt Ion:117 Resp: 11941
Ion Ratio Lower Upper
117 100
119 1002.3 74.7 112.1#
201 0.1 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:136 Resp: 335509
Ion Ratio Lower Upper
136 100
137 12.6 9.0 13.6
54 15.2 8.2 12.4#
68 13.9 5.8 8.8#

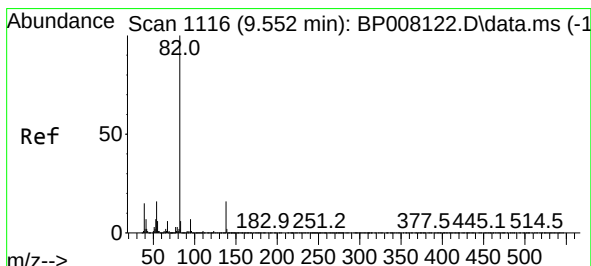
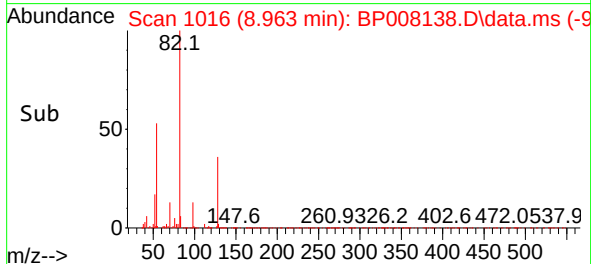
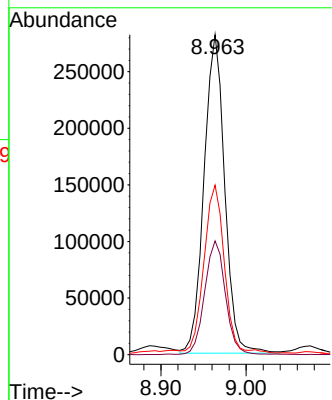
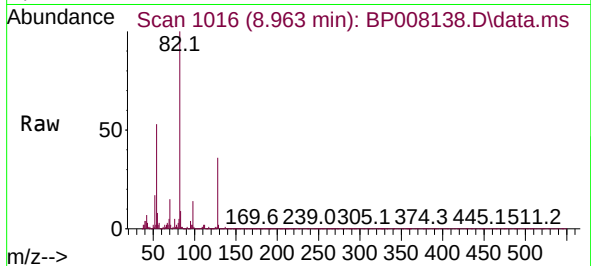




#23
Nitrobenzene-d5
Concen: 64.391 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

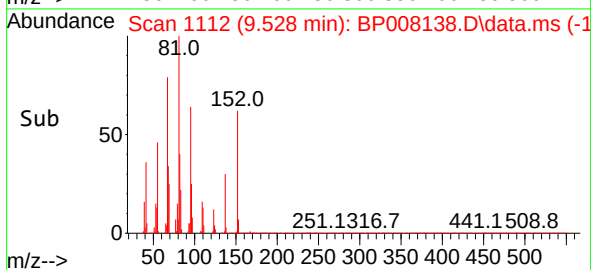
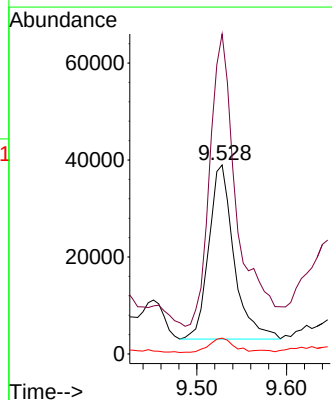
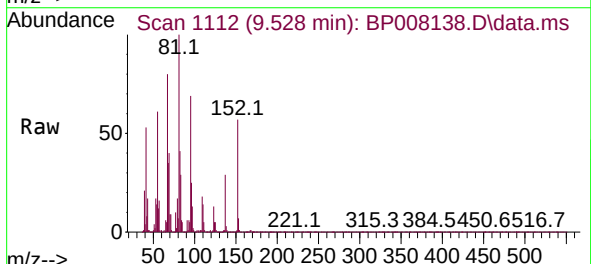
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

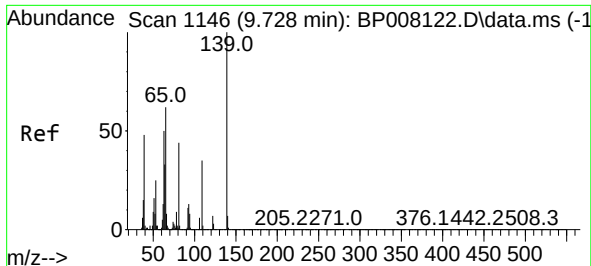
Tgt Ion: 82 Resp: 475089
Ion Ratio Lower Upper
82 100
128 35.6 29.6 44.4
54 52.9 42.7 64.1



#25
Isophorone
Concen: 5.426 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.024 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion: 82 Resp: 70039
Ion Ratio Lower Upper
82 100
95 169.4 5.9 8.9#
138 8.4 12.7 19.1#

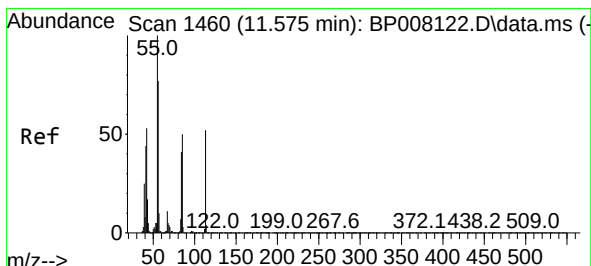
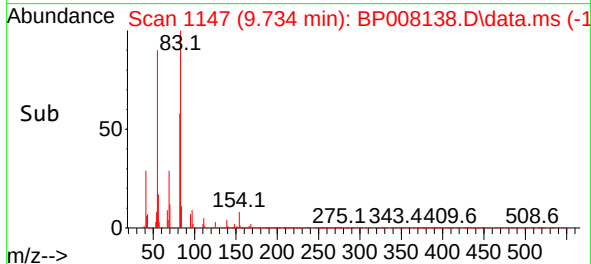
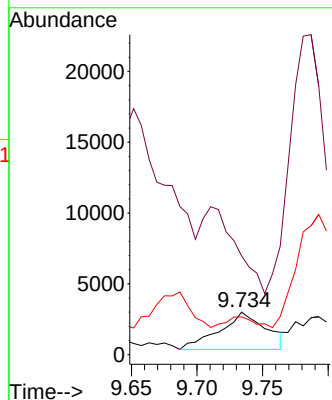
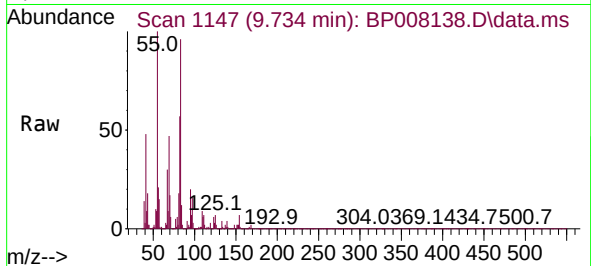




#26
2-Nitrophenol
Concen: 2.083 ng
RT: 9.734 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

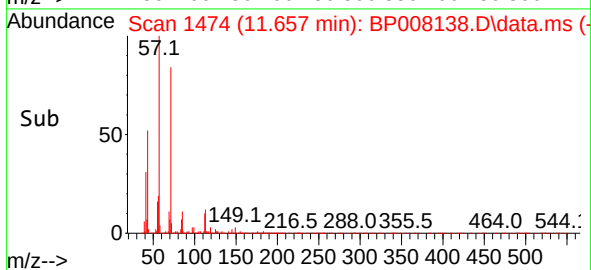
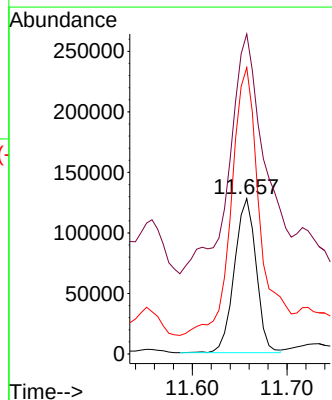
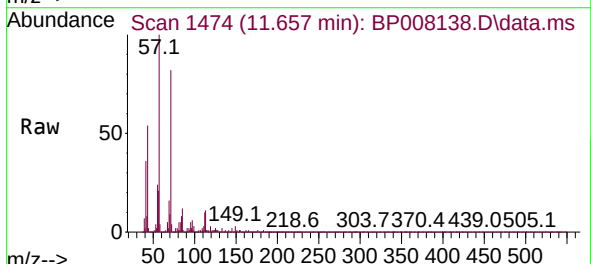
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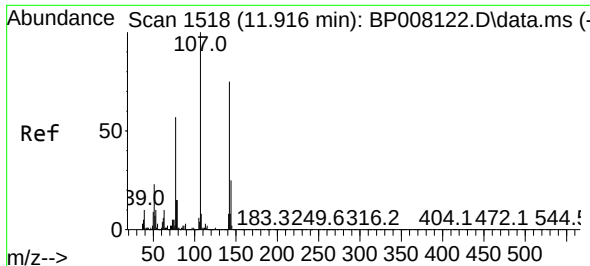
Tgt Ion:139 Resp: 6431
Ion Ratio Lower Upper
139 100
109 231.8 28.3 42.5#
65 88.6 49.7 74.5#



#35
Caprolactam
Concen: 165.590 ng
RT: 11.657 min Scan# 1474
Delta R.T. 0.082 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:113 Resp: 202827
Ion Ratio Lower Upper
113 100
55 205.9 174.2 214.2
56 184.3 130.3 170.3#

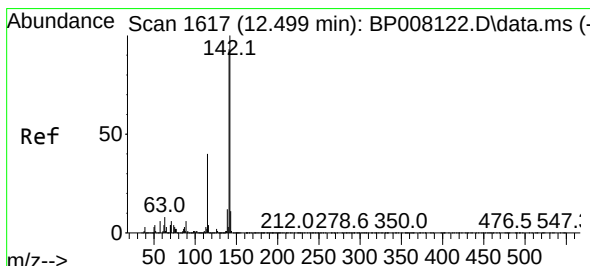
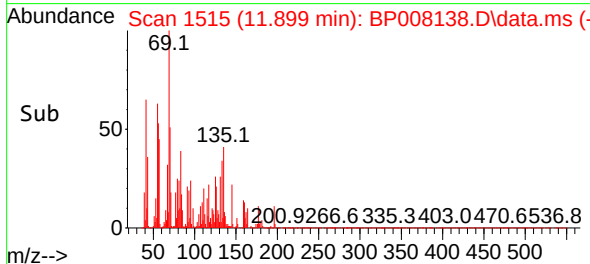
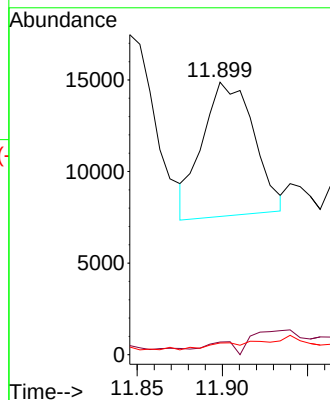
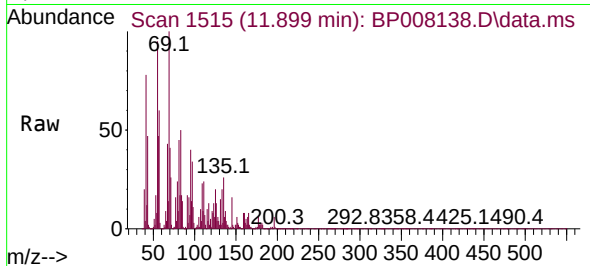




#36
4-Chloro-3-methylphenol
Concen: 2.434 ng
RT: 11.899 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

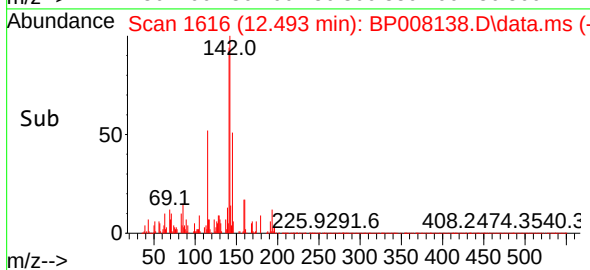
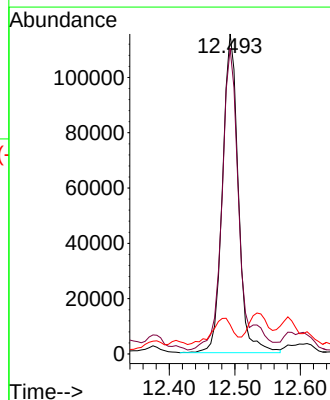
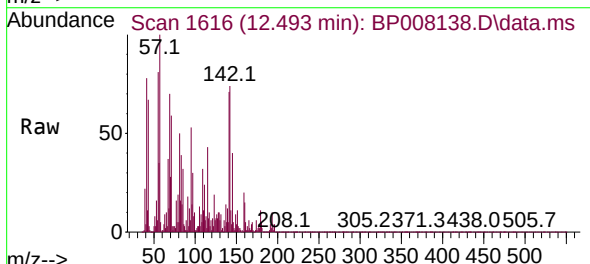
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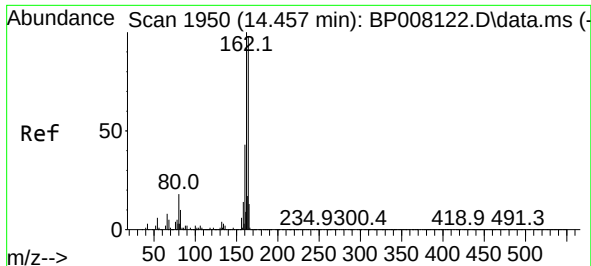
Tgt Ion:	107	Resp:	15344
Ion Ratio	Lower	Upper	
107	100		
144	4.7	19.7	29.5#
142	4.3	59.6	89.4#



#38
1-Methylnaphthalene
Concen: 16.280 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:	142	Resp:	192634
Ion Ratio	Lower	Upper	
142	100		
141	95.5	74.2	111.4
116	9.2	3.4	5.2#

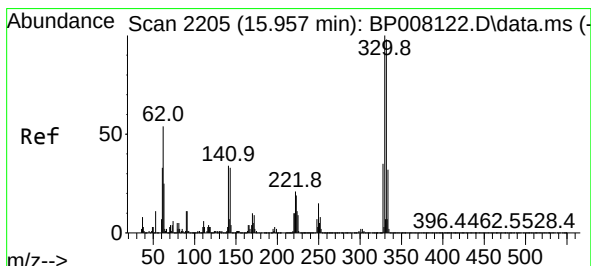
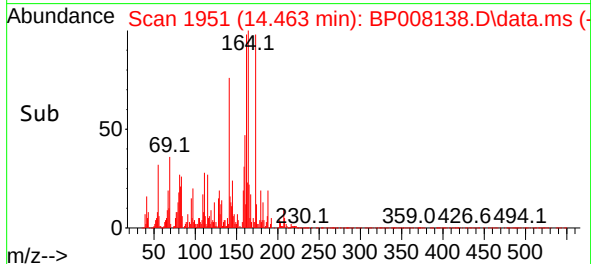
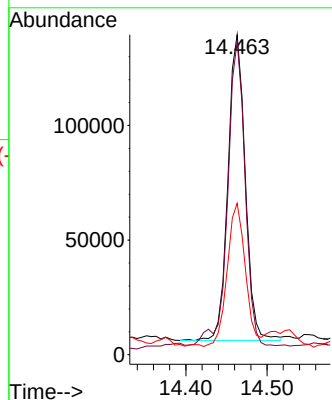
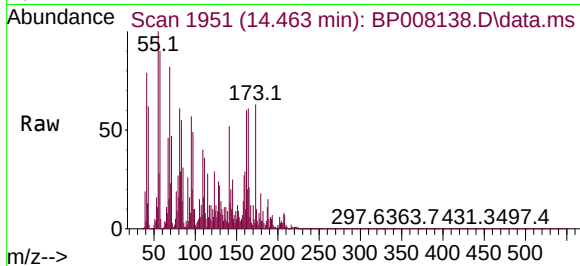




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

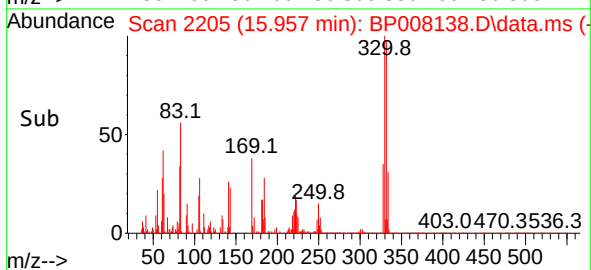
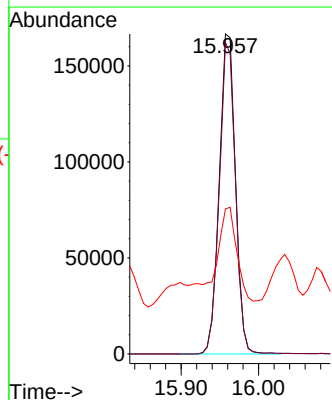
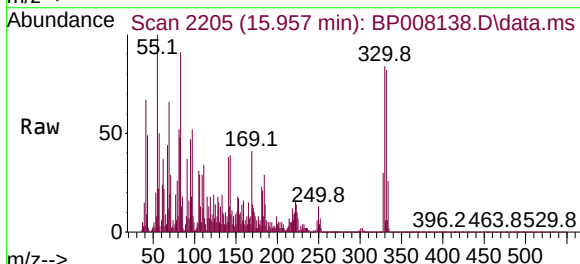
Instrument :
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ClientSampleId :
SB-1-3.0

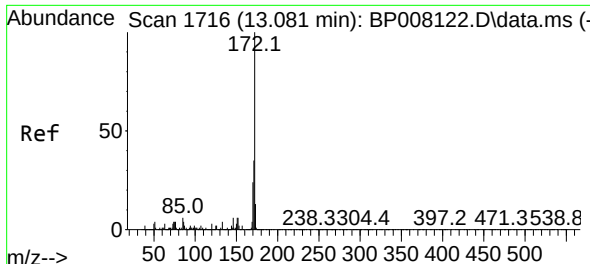
Tgt Ion:164 Resp: 197467
Ion Ratio Lower Upper
164 100
162 98.0 81.9 122.9
160 47.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 96.196 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:330 Resp: 242794
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 33.5 28.4 42.6

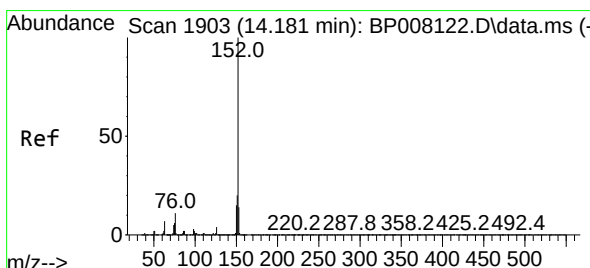
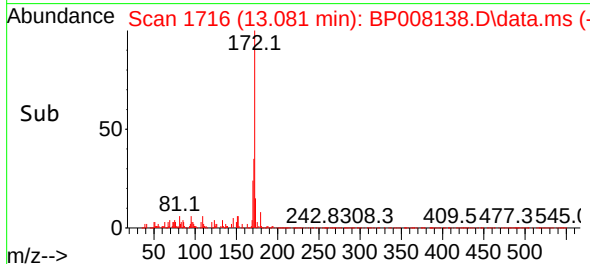
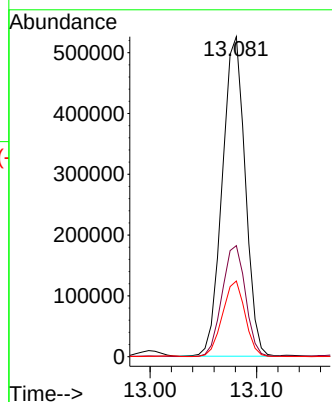
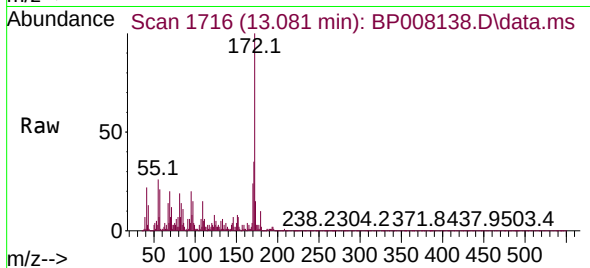




#45
2-Fluorobiphenyl
Concen: 57.805 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

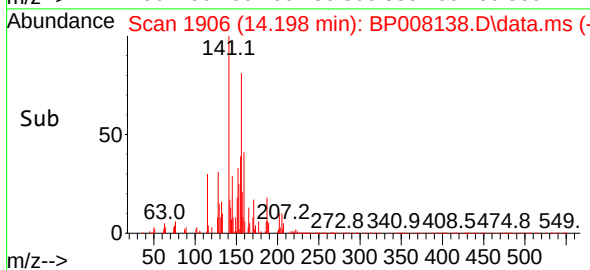
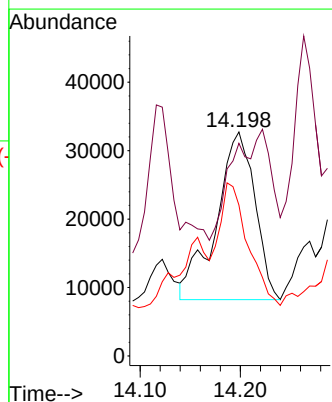
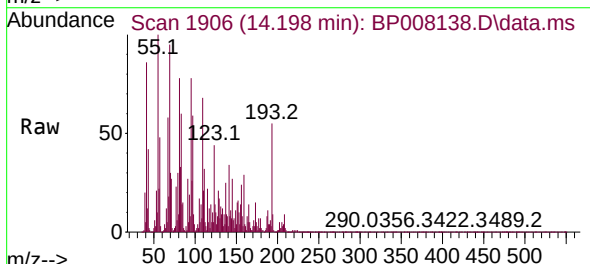
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

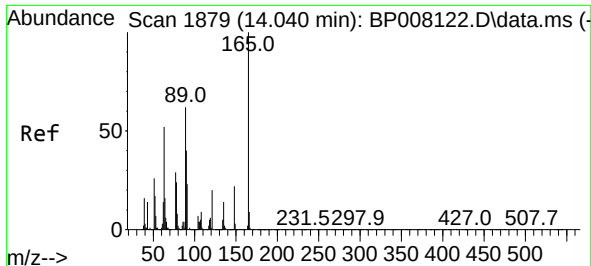
Tgt Ion:172 Resp: 785844
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.6 18.9 28.3



#49
Acenaphthylene
Concen: 3.766 ng
RT: 14.198 min Scan# 1906
Delta R.T. 0.018 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:152 Resp: 65730
Ion Ratio Lower Upper
152 100
151 95.0 16.2 24.4#
153 67.4 10.9 16.3#

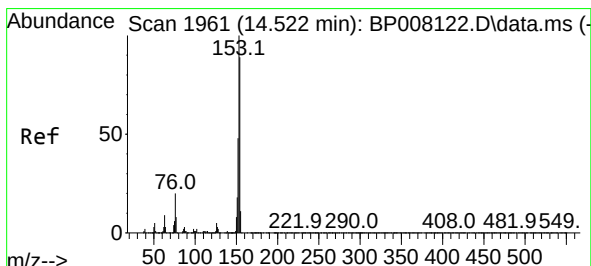
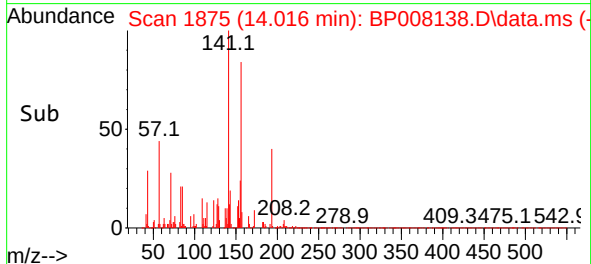
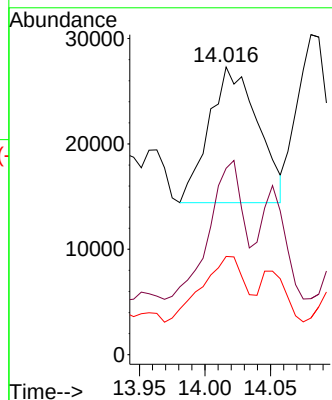
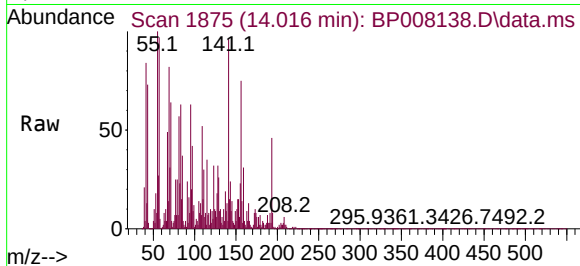




#51
2,6-Dinitrotoluene
Concen: 10.803 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.023 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

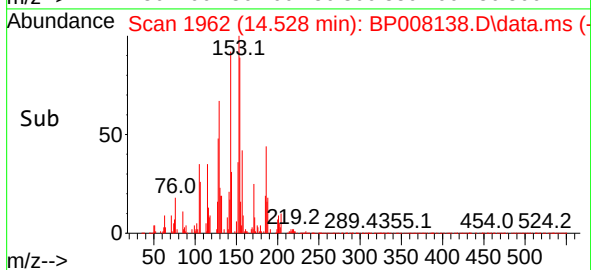
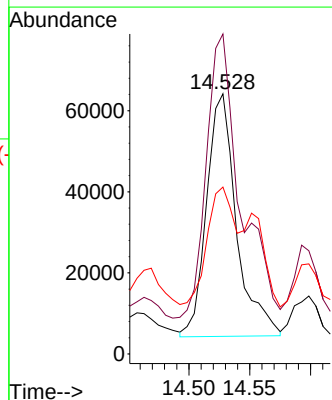
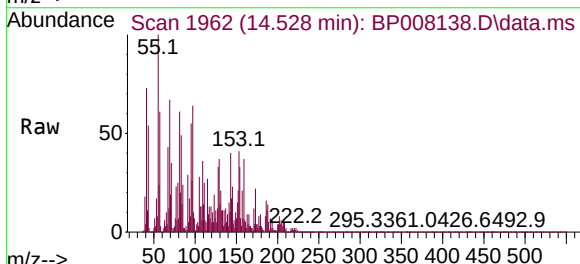
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

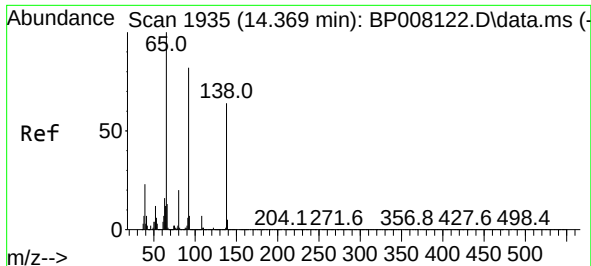
Tgt Ion:165 Resp: 33245
Ion Ratio Lower Upper
165 100
63 64.8 50.8 76.2
89 34.1 50.0 75.0#



#52
Acenaphthene
Concen: 9.824 ng
RT: 14.528 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:154 Resp: 102196
Ion Ratio Lower Upper
154 100
153 123.0 90.3 135.5
152 64.1 43.3 64.9

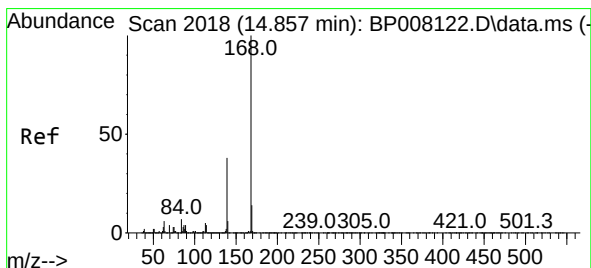
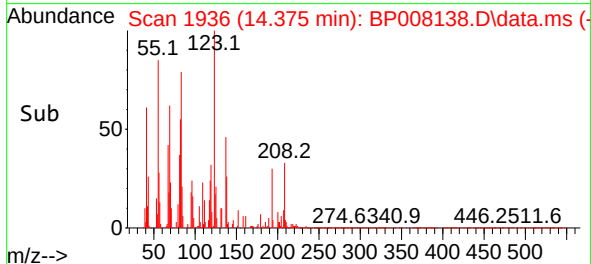
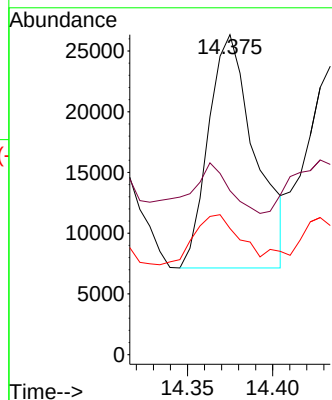
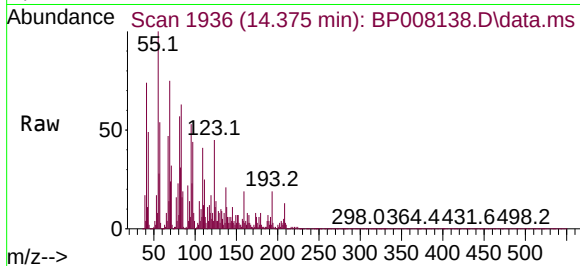




#53
3-Nitroaniline
Concen: 11.732 ng
RT: 14.375 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

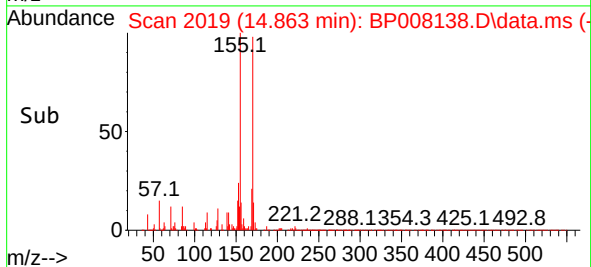
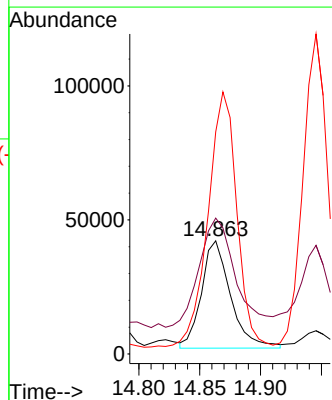
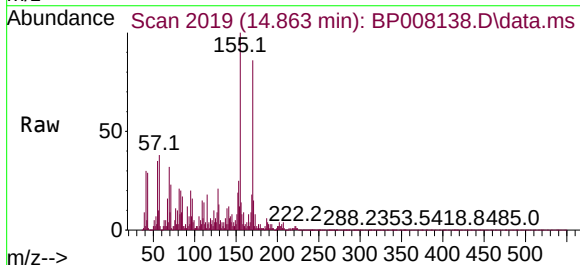
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

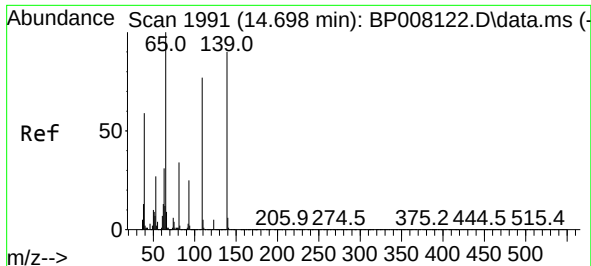
Tgt Ion:138 Resp: 36590
Ion Ratio Lower Upper
138 100
108 51.3 9.2 13.8#
92 39.5 102.9 154.3#



#55
Dibenzofuran
Concen: 3.748 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:168 Resp: 66627
Ion Ratio Lower Upper
168 100
139 120.1 30.6 46.0#
169 196.4 11.0 16.4#

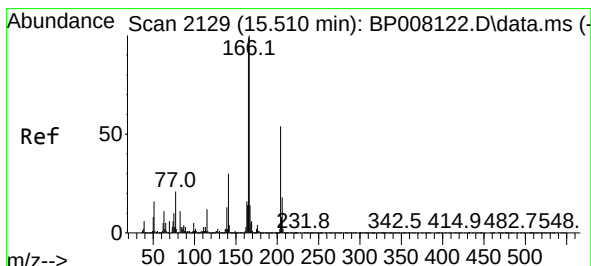
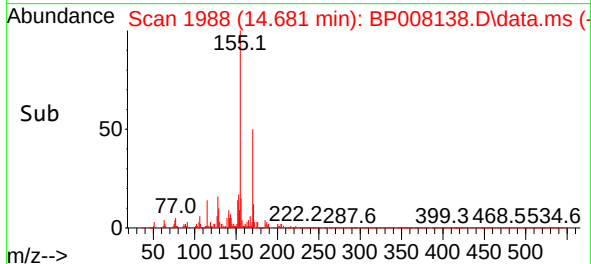
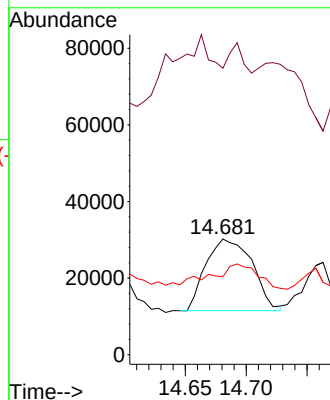
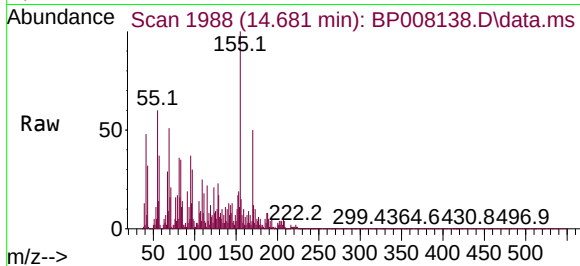




#56
4-Nitrophenol
Concen: 20.744 ng
RT: 14.681 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

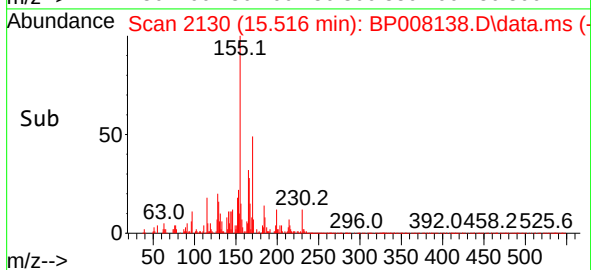
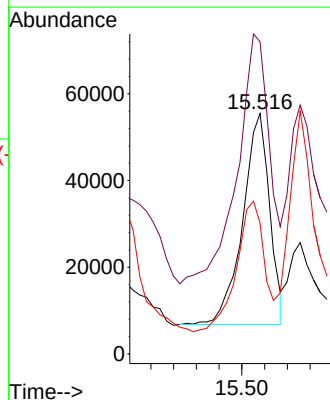
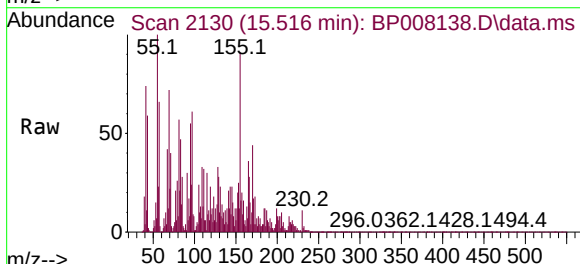
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

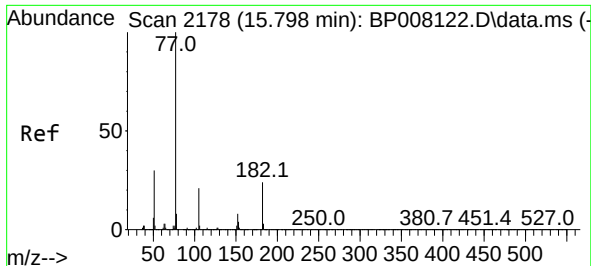
Tgt Ion:139 Resp: 49588
Ion Ratio Lower Upper
139 100
109 247.7 65.9 105.9#
65 67.4 91.9 131.9#



#58
Fluorene
Concen: 5.561 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:166 Resp: 80319
Ion Ratio Lower Upper
166 100
165 129.9 79.4 119.2#
167 54.3 10.9 16.3#

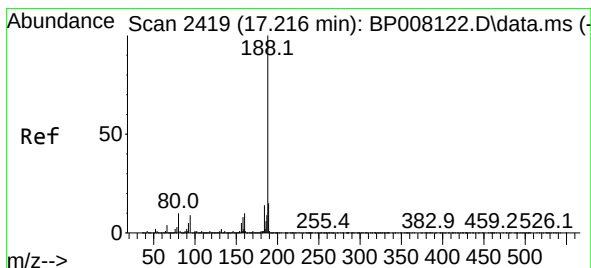
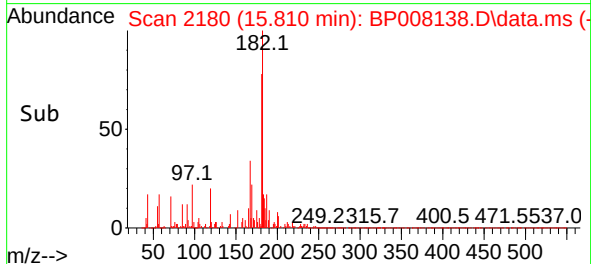
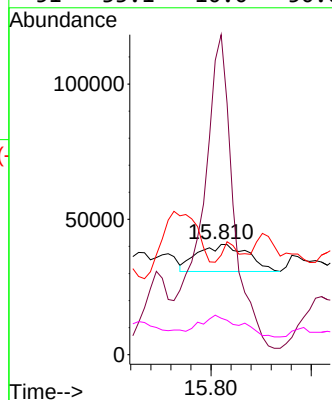
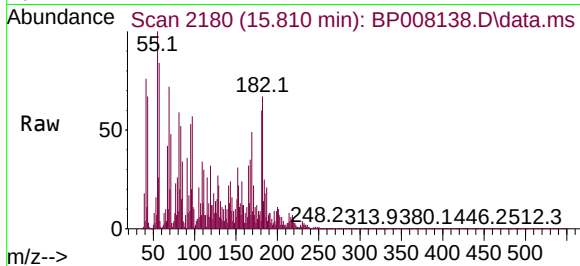




#63
Azobenzene
Concen: 2.312 ng
RT: 15.810 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

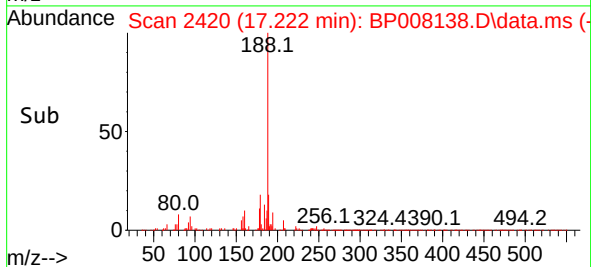
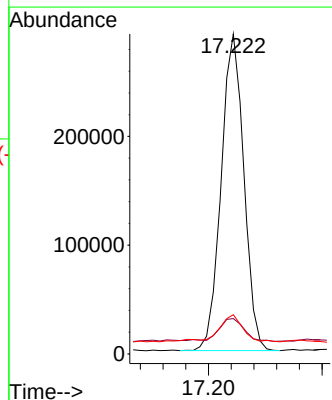
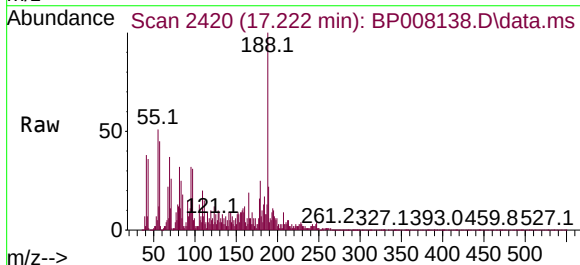
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

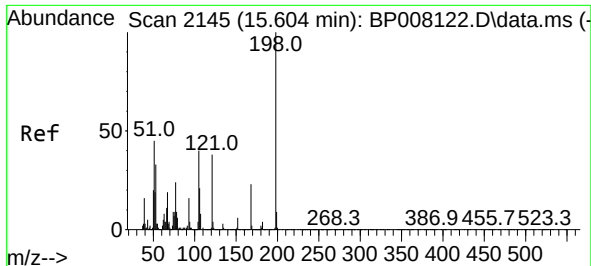
Tgt Ion: 77	Resp: 34797
Ion Ratio	Lower Upper
77 100	
182 290.1	3.8 43.8#
105 90.2	0.5 40.5#
51 33.1	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion: 188	Resp: 403398
Ion Ratio	Lower Upper
188 100	
94 11.1	7.2 10.8#
80 12.3	8.2 12.4

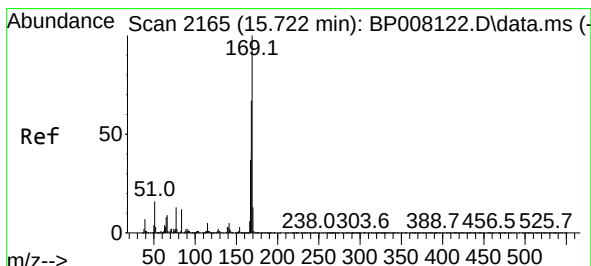
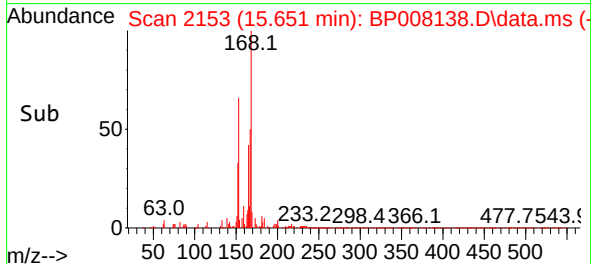
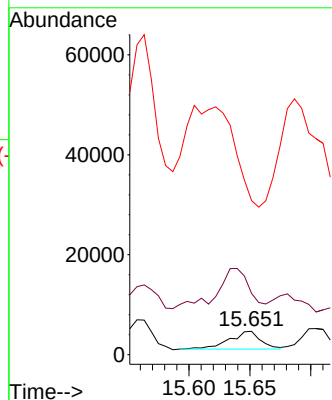
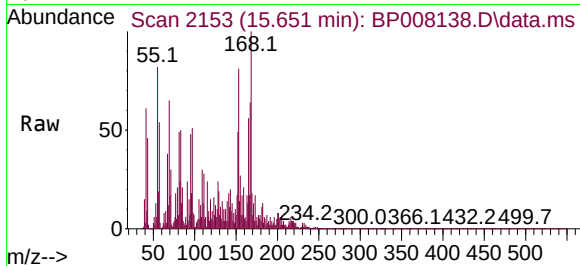




#65
4,6-Dinitro-2-methylphenol
Concen: 2.418 ng
RT: 15.651 min Scan# 2145
Delta R.T. 0.047 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

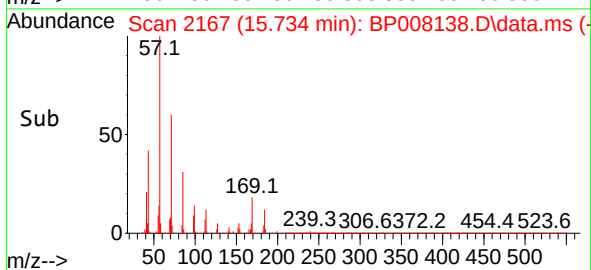
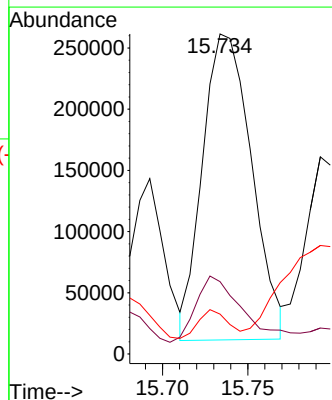
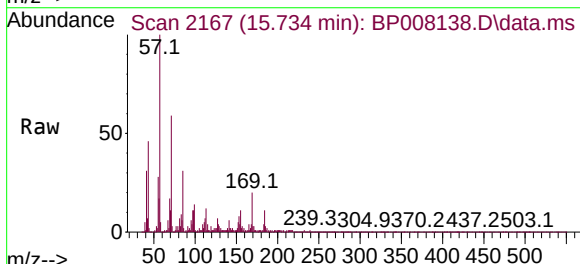
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

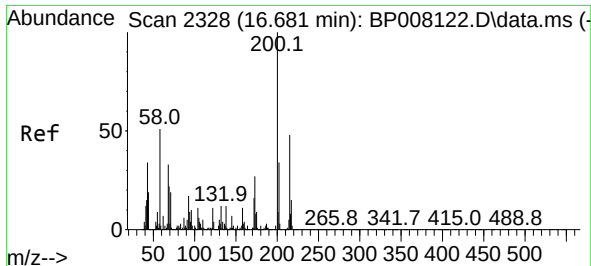
Tgt Ion:198 Resp: 6379
Ion Ratio Lower Upper
198 100
51 261.9 25.9 65.9#
105 658.4 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 42.822 ng
RT: 15.734 min Scan# 2167
Delta R.T. 0.012 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:169 Resp: 500383
Ion Ratio Lower Upper
169 100
168 22.6 53.5 80.3#
167 12.5 29.3 43.9#

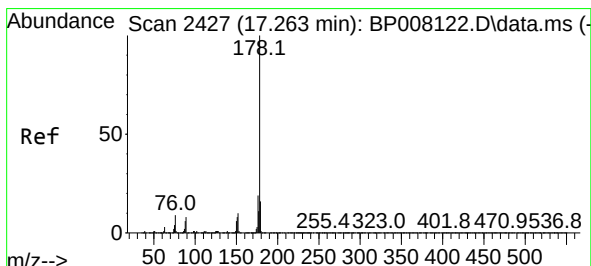
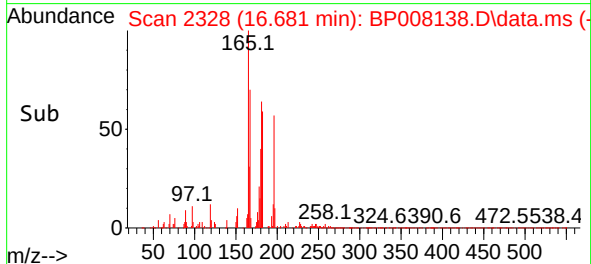
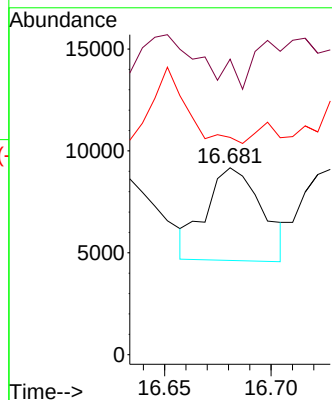
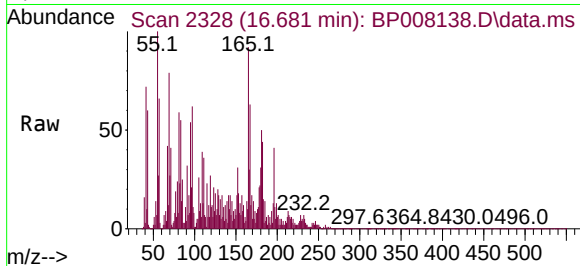




#69
 Atrazine
 Concen: 2.738 ng
 RT: 16.681 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

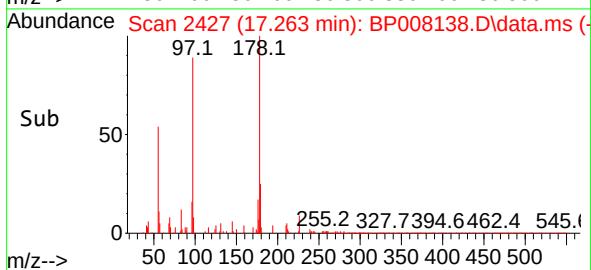
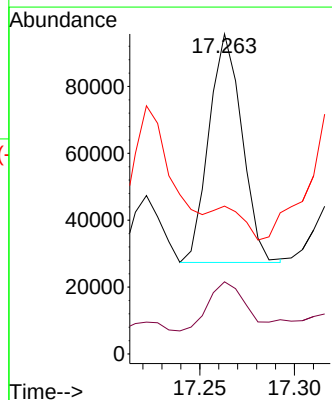
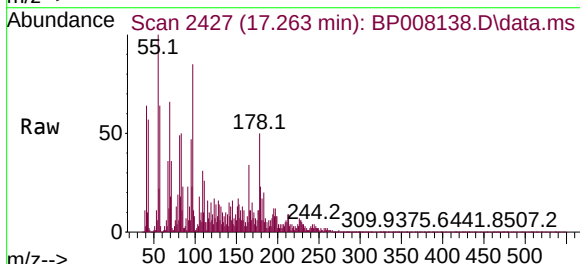
Instrument :
 BNA_P
 ClientSampleId :
 SB-1-3.0

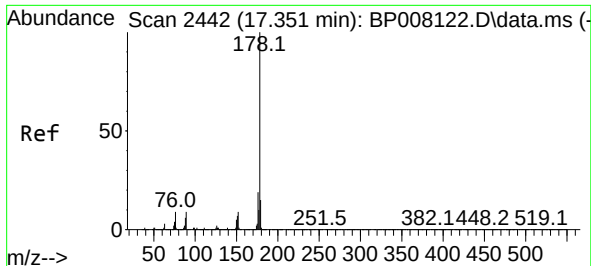
Tgt Ion:200 Resp: 8305
 Ion Ratio Lower Upper
 200 100
 173 158.1 6.8 46.8#
 215 116.3 28.4 68.4#



#71
 Phenanthrene
 Concen: 3.905 ng
 RT: 17.263 min Scan# 2427
 Delta R.T. 0.000 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

Tgt Ion:178 Resp: 83169
 Ion Ratio Lower Upper
 178 100
 176 22.6 15.3 22.9
 179 46.2 12.5 18.7#

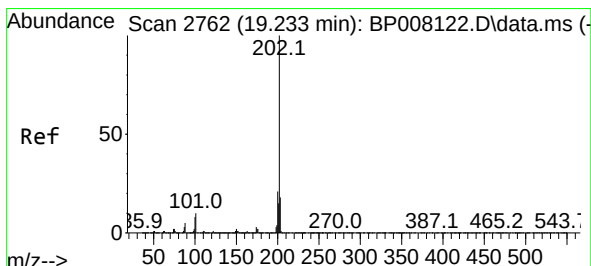
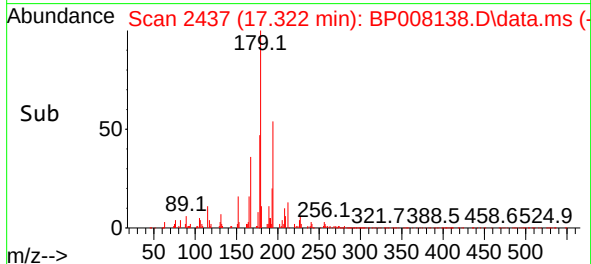
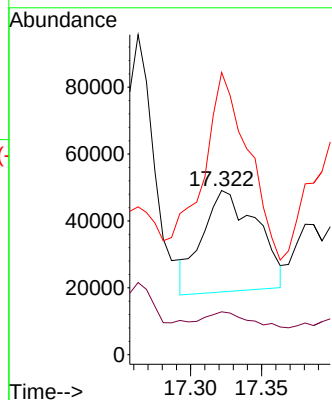
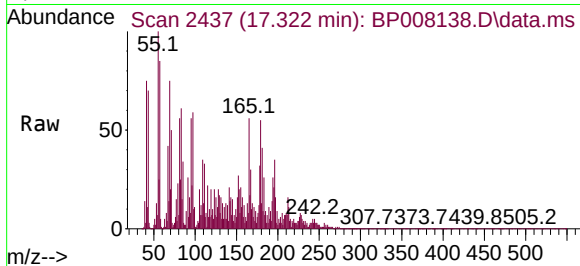




#72
 Anthracene
 Concen: 3.841 ng
 RT: 17.322 min Scan# 2442
 Delta R.T. -0.029 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

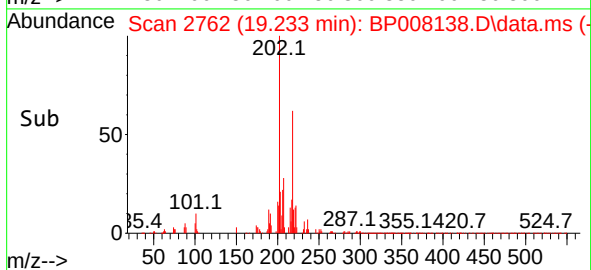
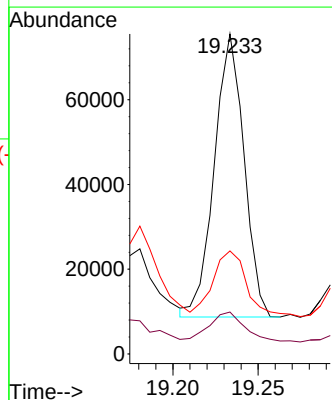
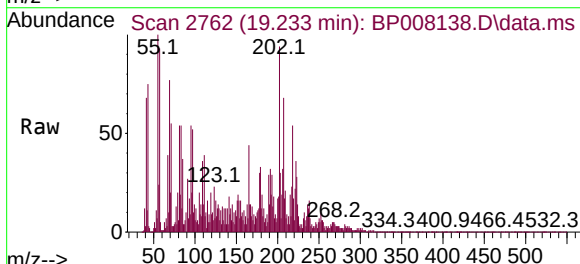
Instrument :
 BNA_P
 ClientSampleId :
 SB-1-3.0

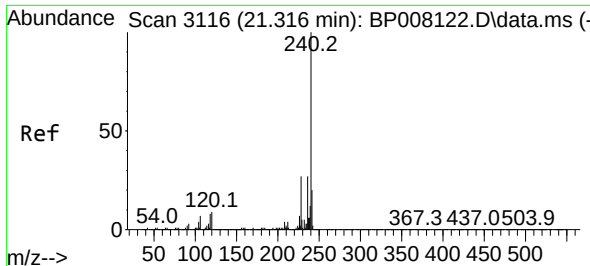
Tgt Ion:178 Resp: 81192
 Ion Ratio Lower Upper
 178 100
 176 26.1 15.1 22.7#
 179 171.9 12.3 18.5#



#75
 Fluoranthene
 Concen: 2.820 ng
 RT: 19.233 min Scan# 2762
 Delta R.T. 0.000 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

Tgt Ion:202 Resp: 80921
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 29.8
 203 32.2 0.0 37.7

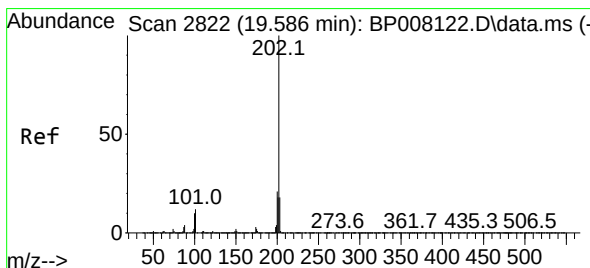
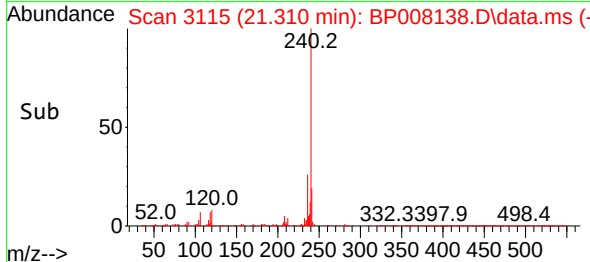
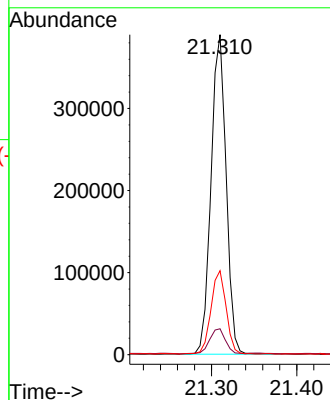
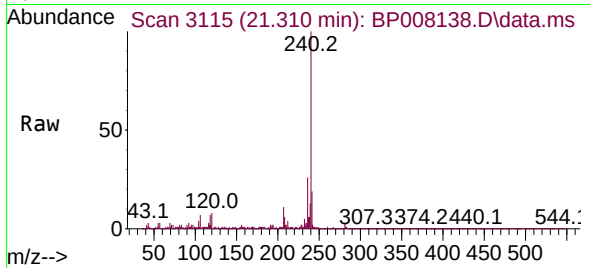




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

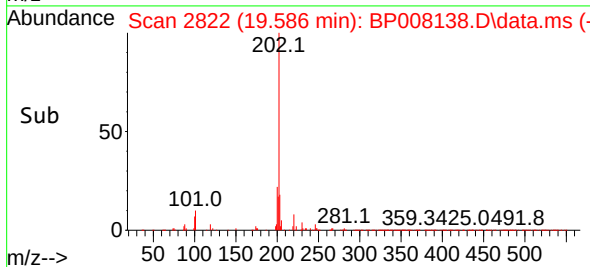
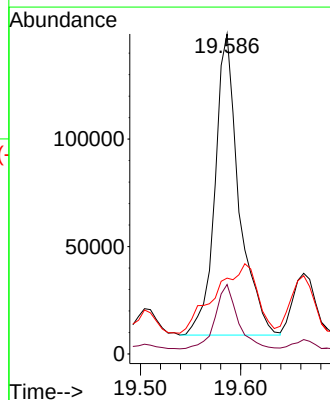
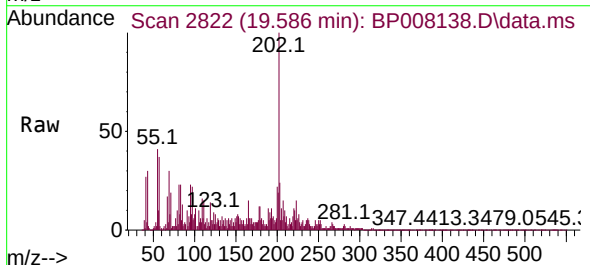
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

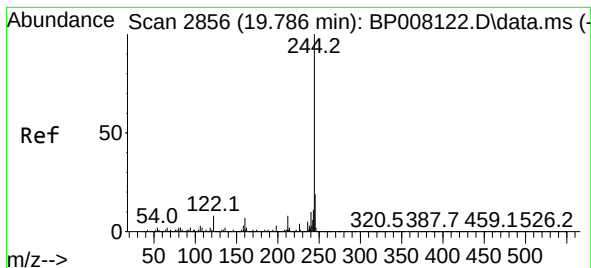
Tgt Ion:240 Resp: 478494
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.3 21.4 32.2



#78
Pyrene
Concen: 5.466 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

Tgt Ion:202 Resp: 233238
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 23.7 14.2 21.2#





#79

Terphenyl-d14

Concen: 56.650 ng

RT: 19.781 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP008138.D

Acq: 29 Nov 2021 13:08

Instrument :

BNA_P

ClientSampleId :

SB-1-3.0

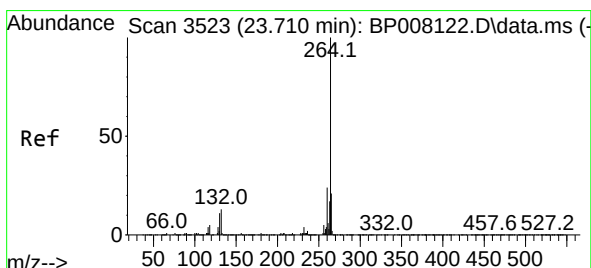
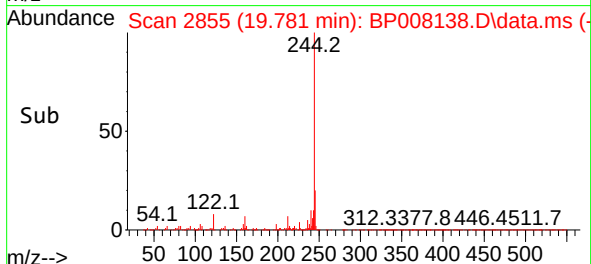
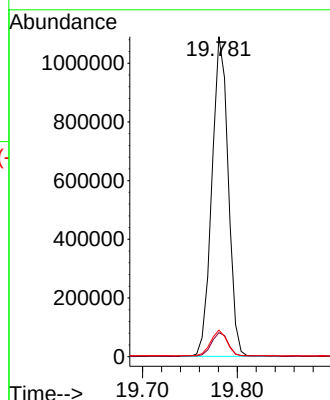
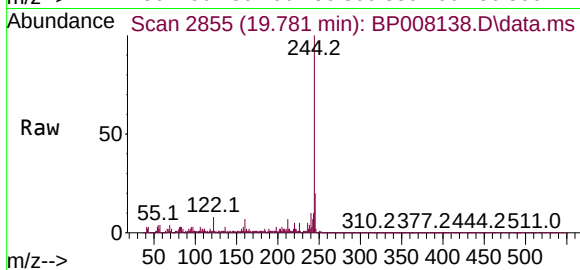
Tgt Ion:244 Resp: 1297022

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.3 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP008138.D

Acq: 29 Nov 2021 13:08

Tgt Ion:264 Resp: 526117

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.7 17.6 26.4

