

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)

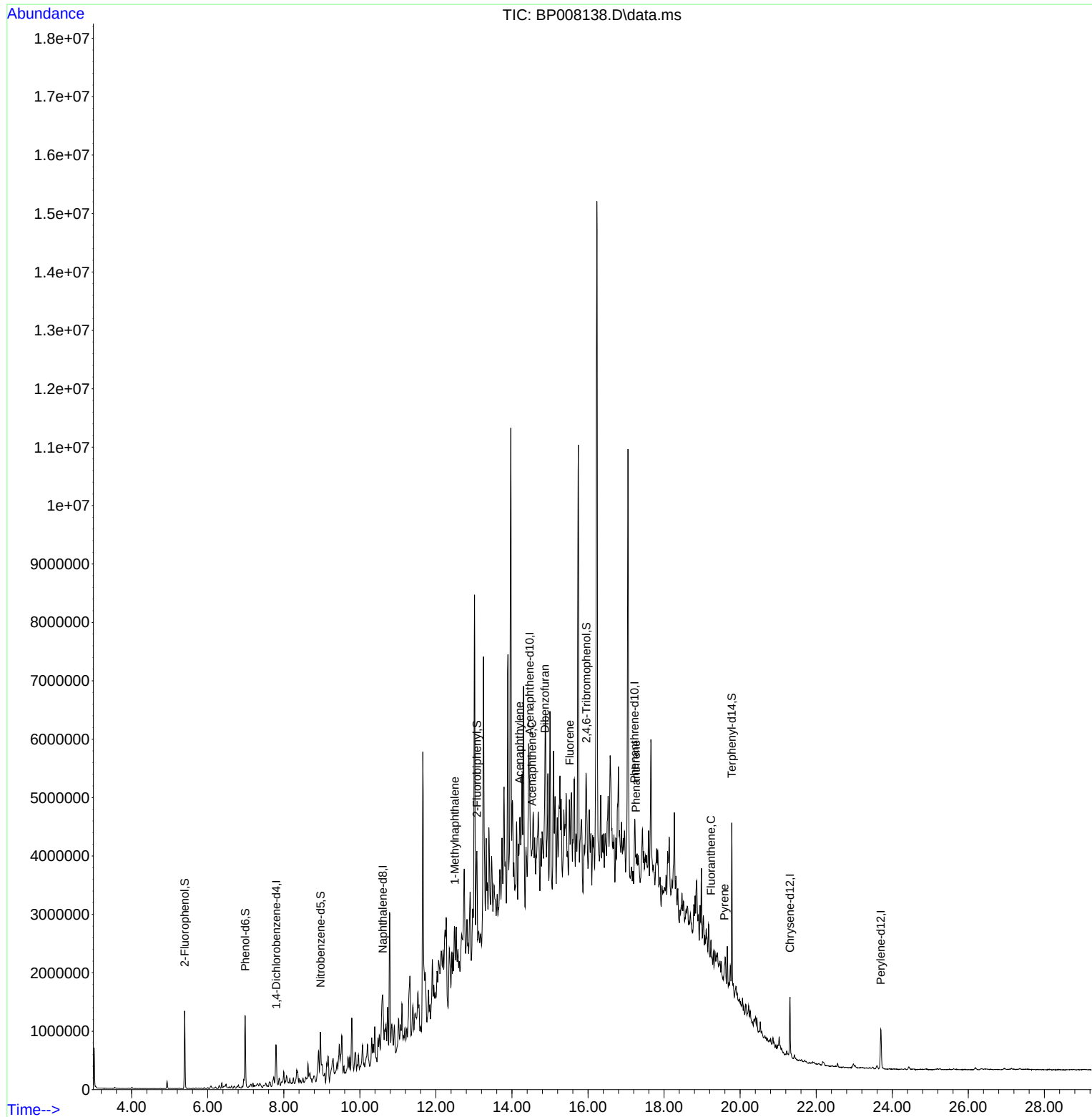
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	96990	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	335509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	197467	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	403398	20.000	ng	# 0.00
76) Chrysene-d12	21.310	240	478494	20.000	ng	0.00
86) 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
38) 1-Methylnaphthalene	12.493	142	192634	16.280	ng	# 97
49) Acenaphthylene	14.198	152	65730	3.766	ng	# 1
52) Acenaphthene	14.528	154	102196	9.824	ng	89
55) Dibenzofuran	14.863	168	66627	3.748	ng	# 1
58) Fluorene	15.516	166	80319	5.561	ng	# 61
71) Phenanthrene	17.263	178	83169	3.905	ng	# 63
75) Fluoranthene	19.233	202	80921	2.820	ng	76
78) Pyrene	19.586	202	233238	5.466	ng	# 94

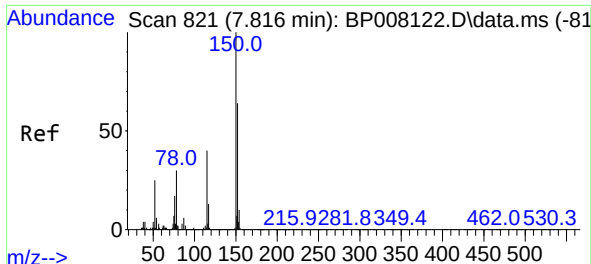
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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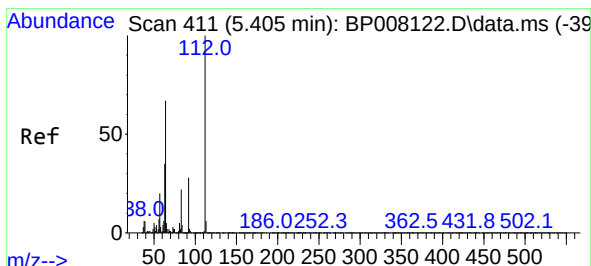
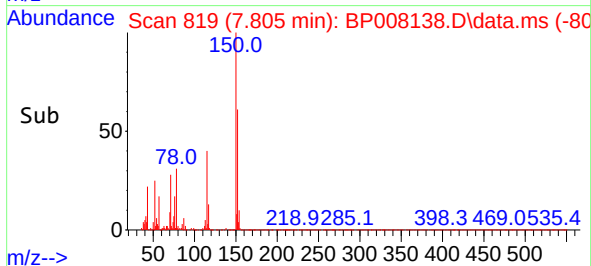
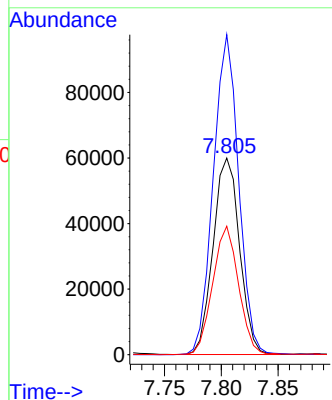
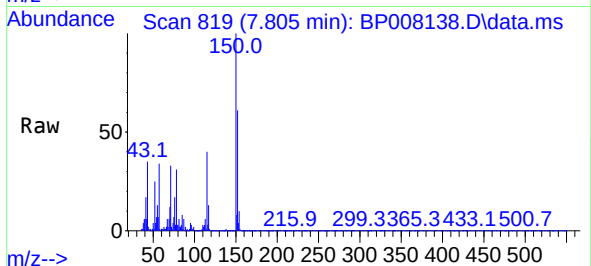




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

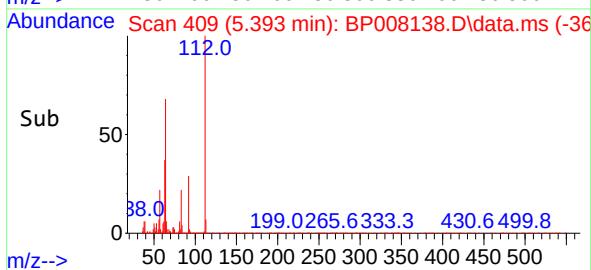
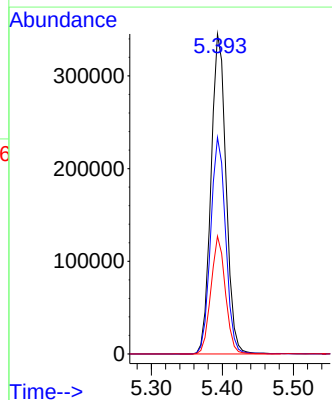
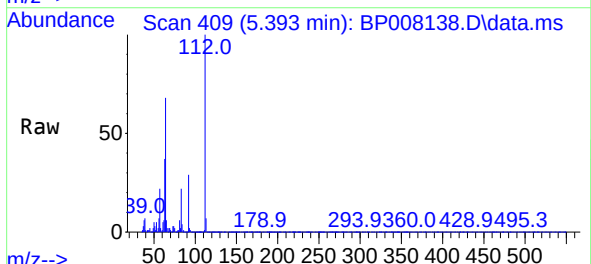
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

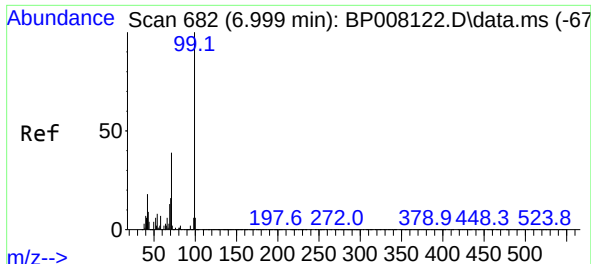
Tgt Ion:152 Resp: 96990
Ion Ratio Lower Upper
152 100
150 162.8 125.7 188.5
115 65.3 50.7 76.1



#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

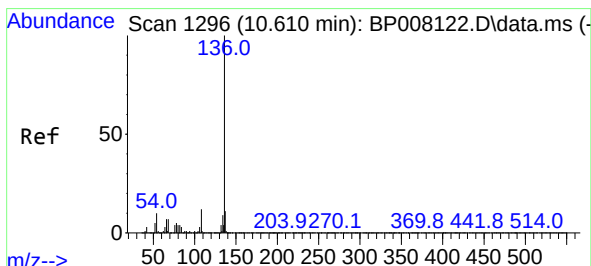
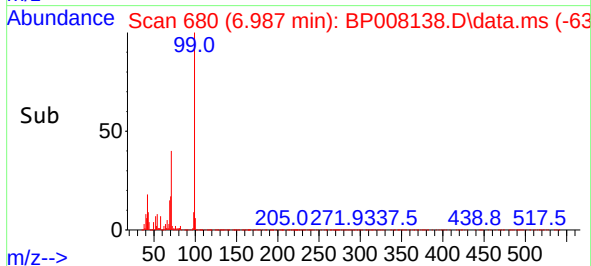
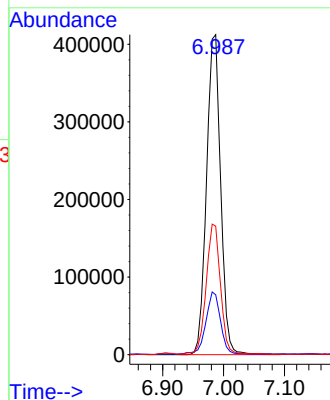
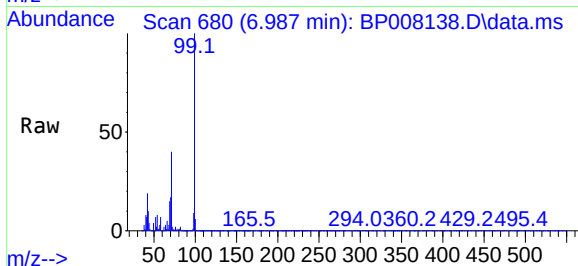




#7
Phenol-d6
Concen: 81.845 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

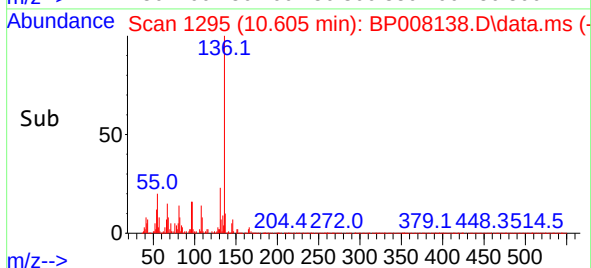
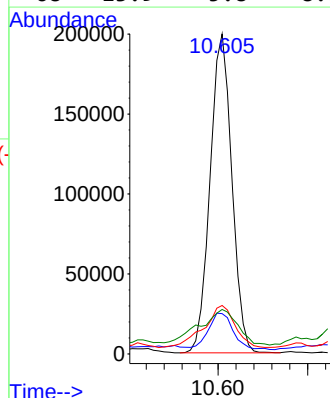
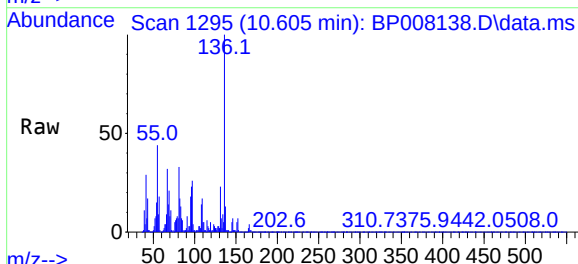
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

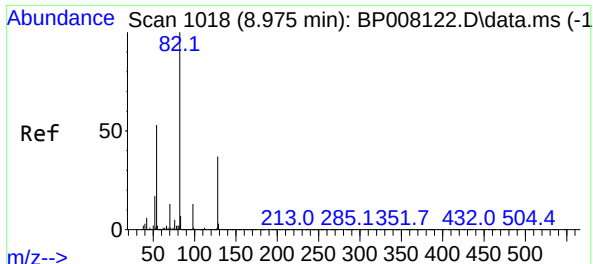
Tgt Ion: 99 Resp: 665545
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 40.1 31.1 46.7



#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

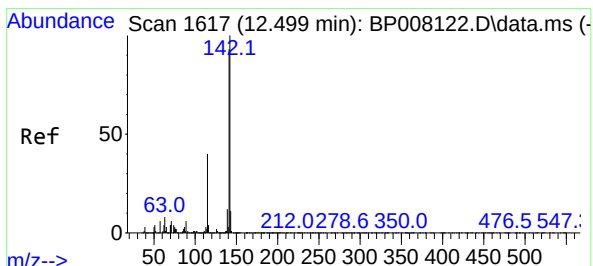
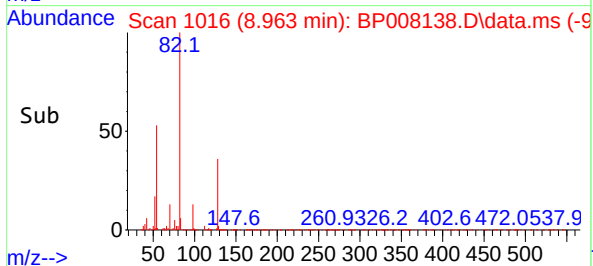
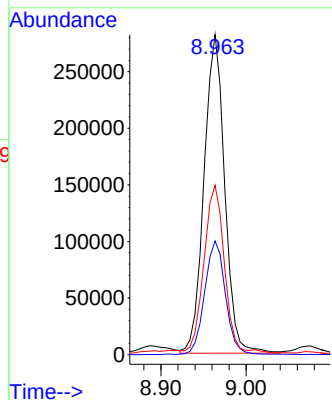
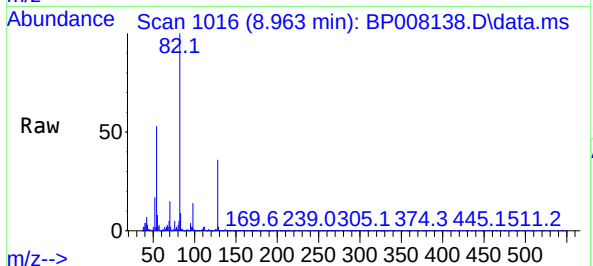
Tgt Ion: 82 Resp: 475089

Ion Ratio Lower Upper

82 100

128 35.6 29.6 44.4

54 52.9 42.7 64.1



#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

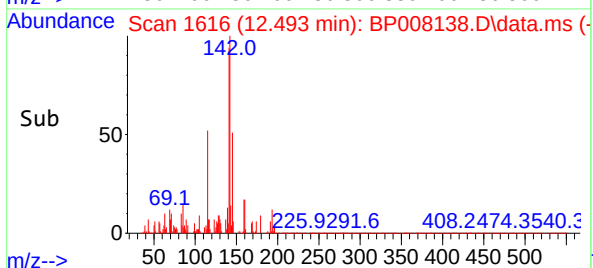
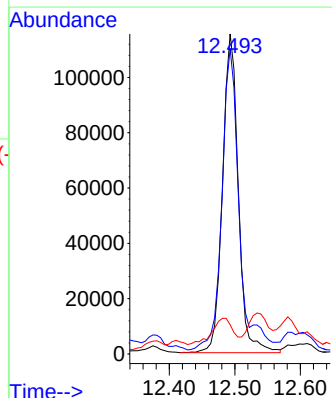
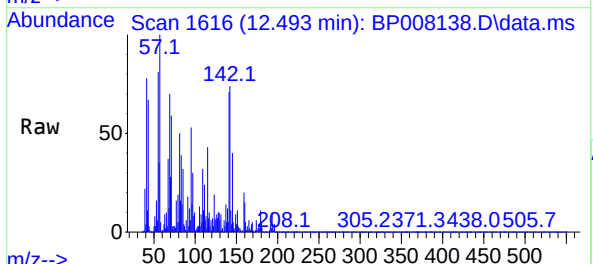
Tgt Ion: 142 Resp: 192634

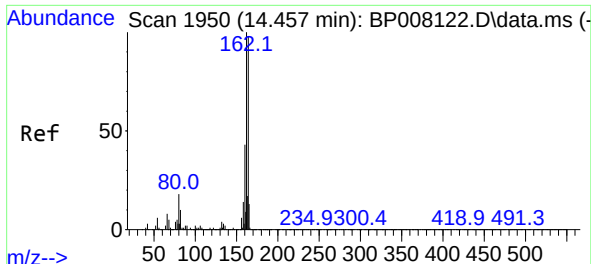
Ion Ratio Lower Upper

142 100

141 95.5 74.2 111.4

116 9.2 3.4 5.2#

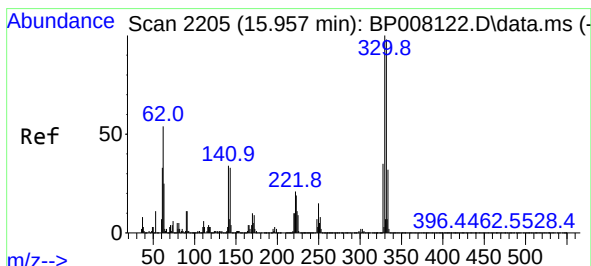
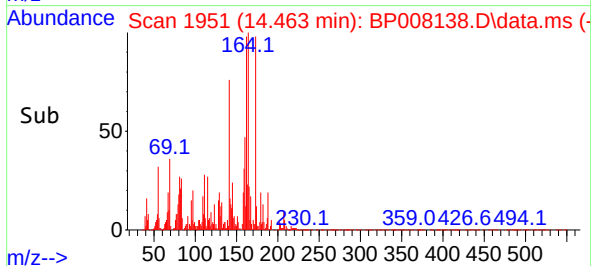
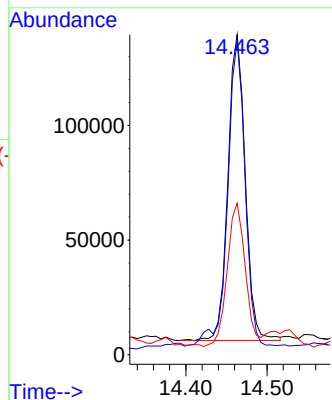
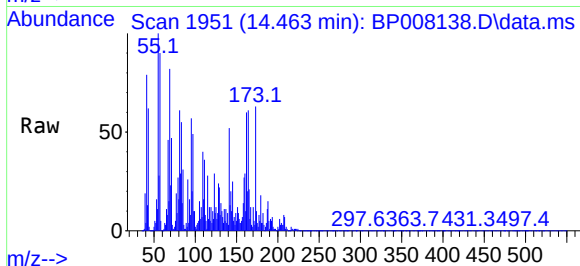




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

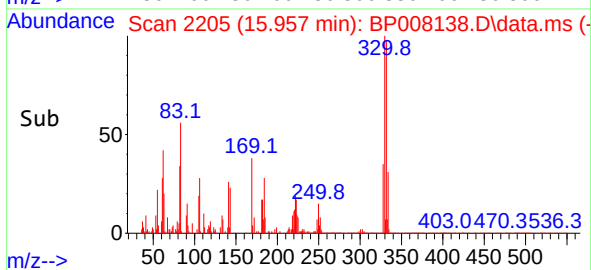
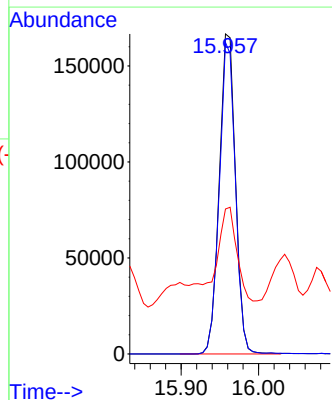
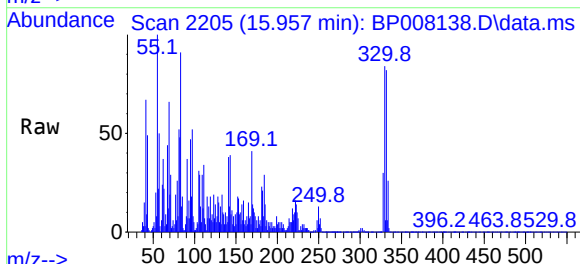
Instrument :
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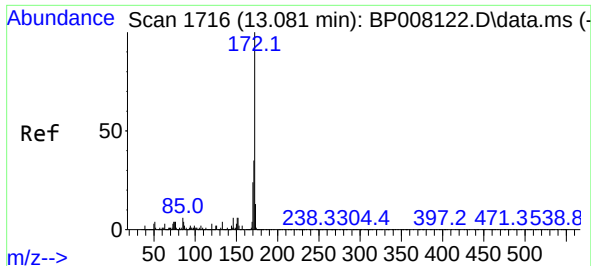
Tgt Ion:164 Resp: 197467
Ion Ratio Lower Upper
164 100
162 98.0 81.9 122.9
160 47.3 35.4 53.0



#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

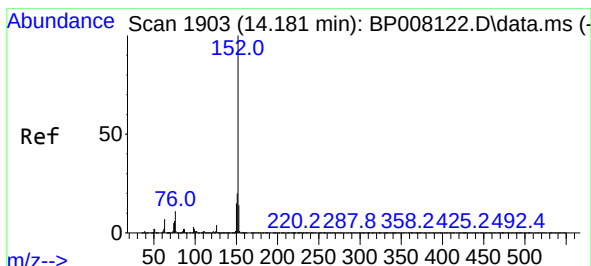
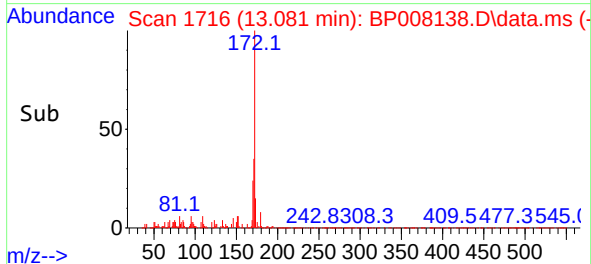
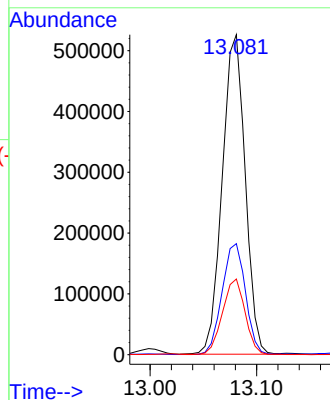
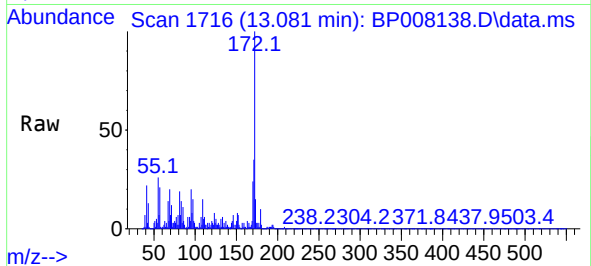




#45
2-Fluorobiphenyl
Concen: 57.805 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

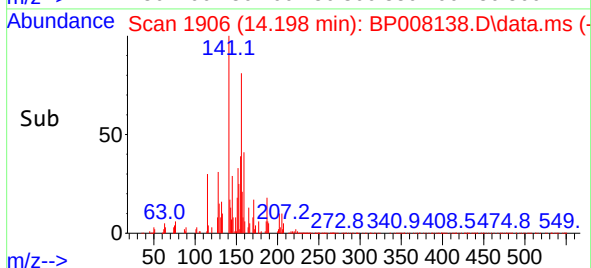
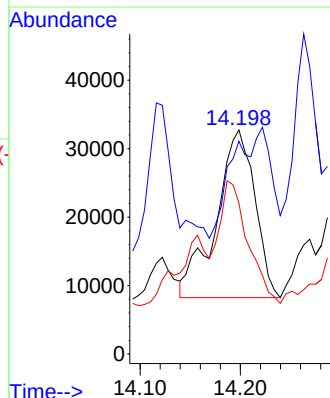
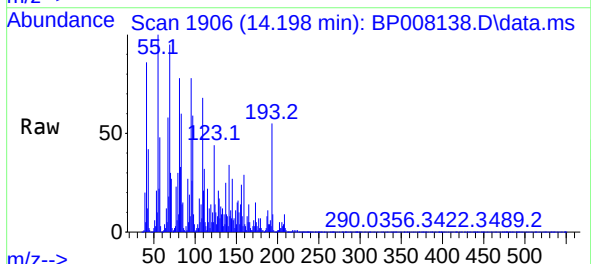
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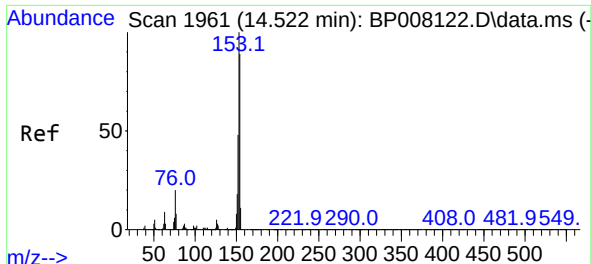
Tgt Ion:	172	Resp:	785844
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.6	18.9	28.3



#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#

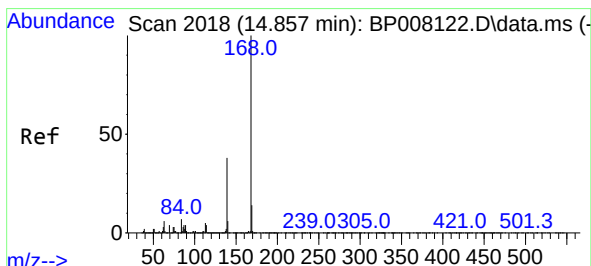
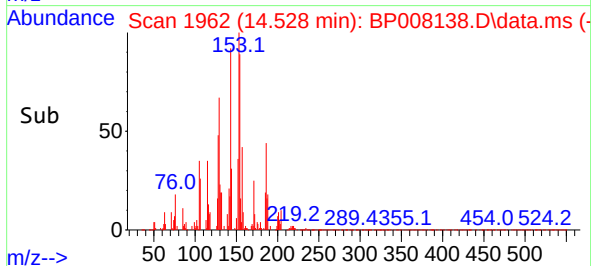
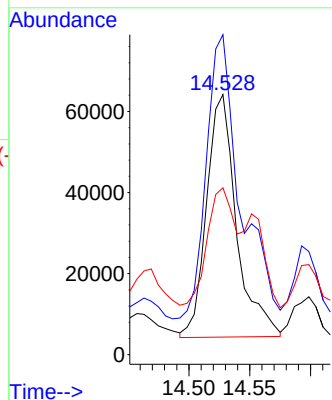
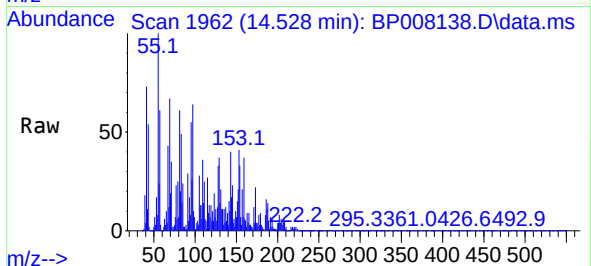




#52
Acenaphthene
Concen: 9.824 ng
RT: 14.528 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

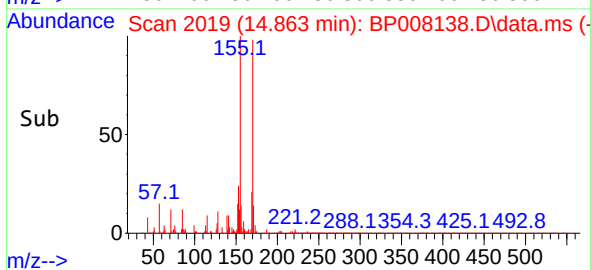
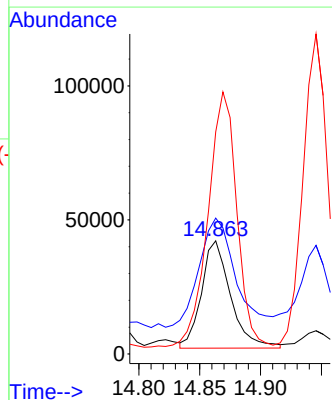
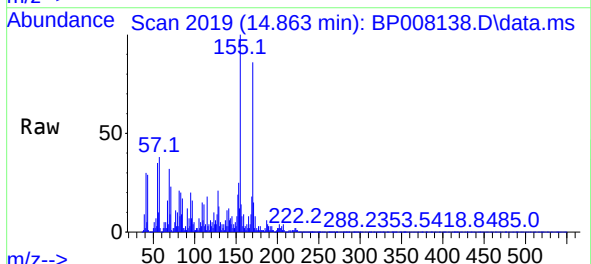
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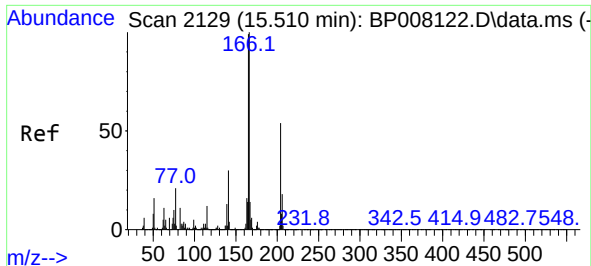
Tgt Ion:154 Resp: 102196
Ion Ratio Lower Upper
154 100
153 123.0 90.3 135.5
152 64.1 43.3 64.9



#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#

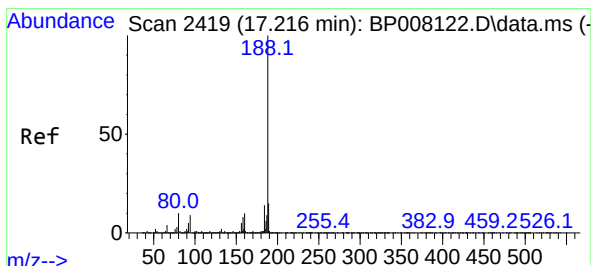
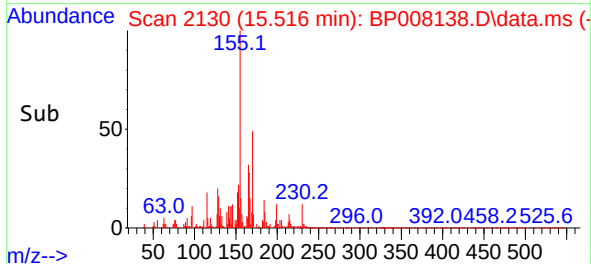
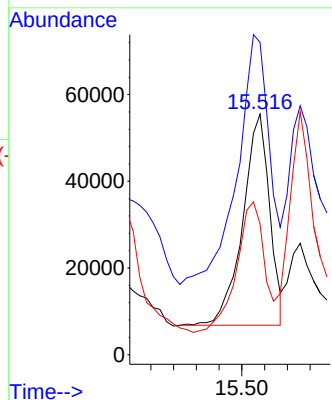
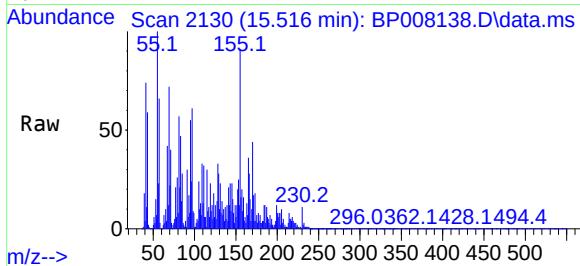




#58
Fluorene
Concen: 5.561 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

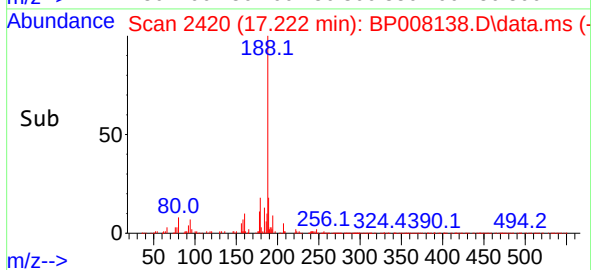
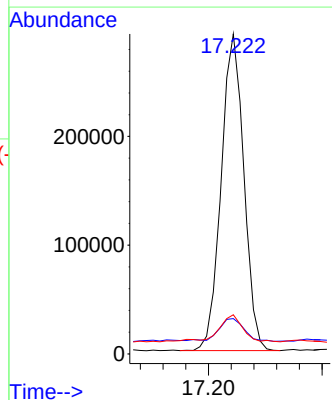
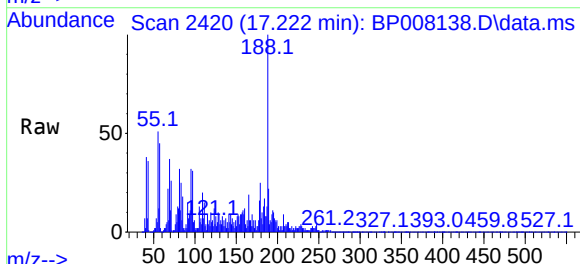
Instrument :
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SB-1-3.0

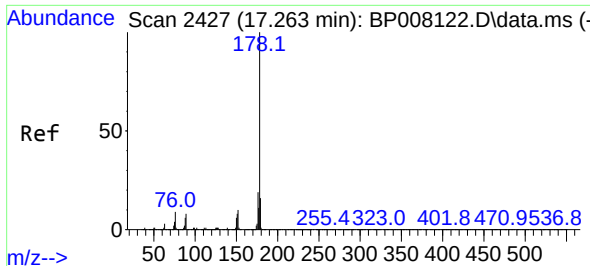
Tgt Ion:166 Resp: 80319
Ion Ratio Lower Upper
166 100
165 129.9 79.4 119.2#
167 54.3 10.9 16.3#



#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

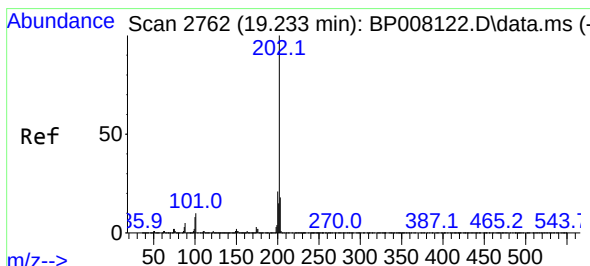
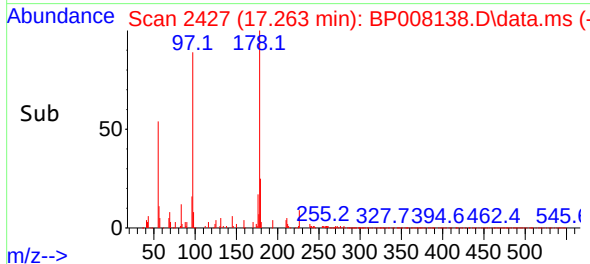
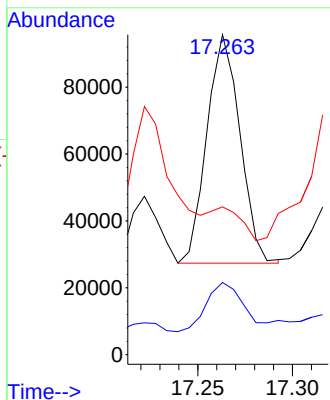
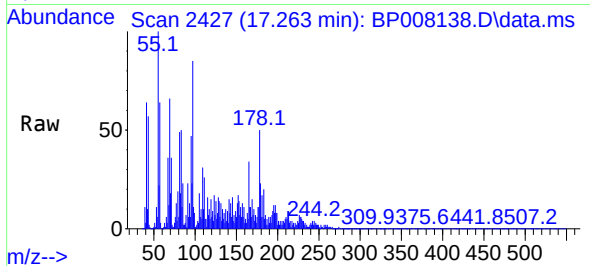




#71
Phenanthrene
Concen: 3.905 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

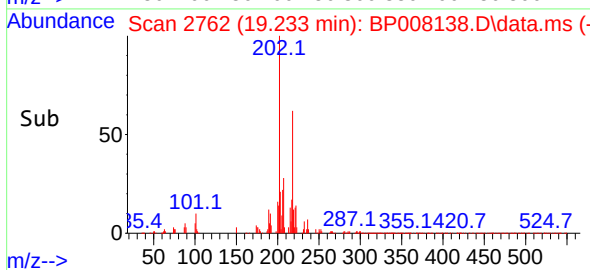
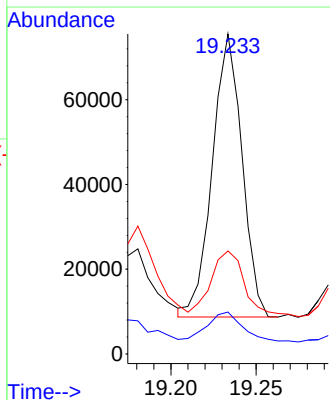
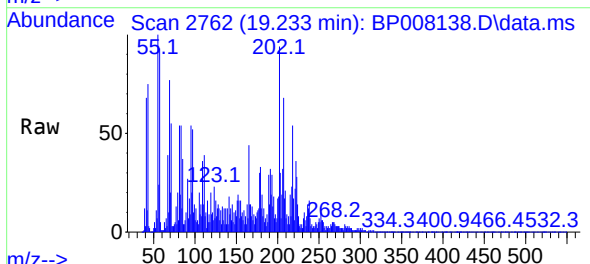
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

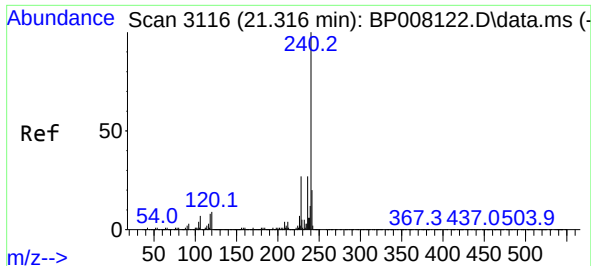
Tgt Ion:	178	Resp:	83169
Ion Ratio	Lower	Upper	
178	100		
176	22.6	15.3	22.9
179	46.2	12.5	18.7



#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

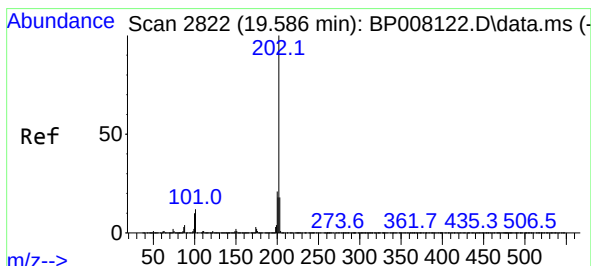
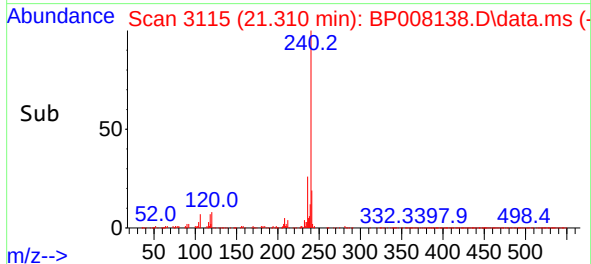
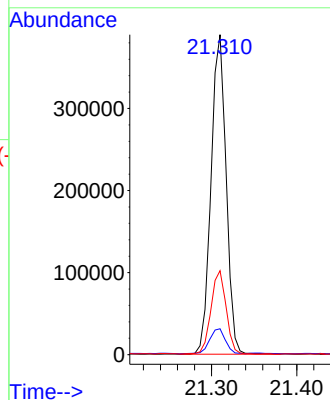
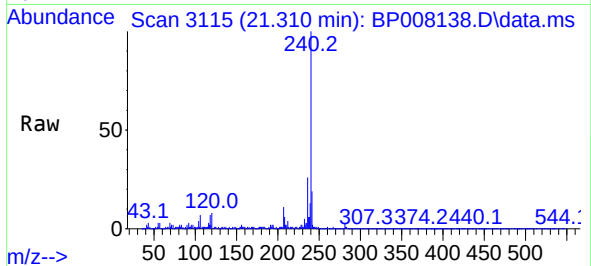




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008138.D
Acq: 29 Nov 2021 13:08

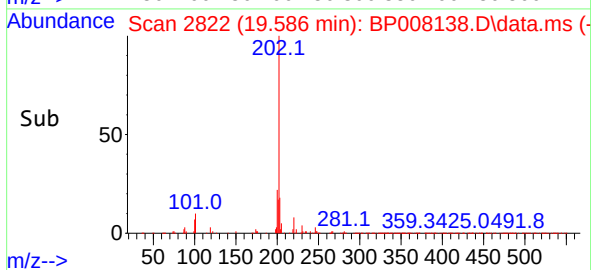
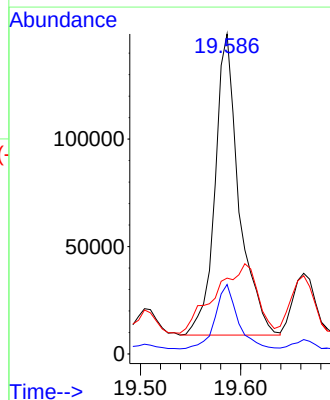
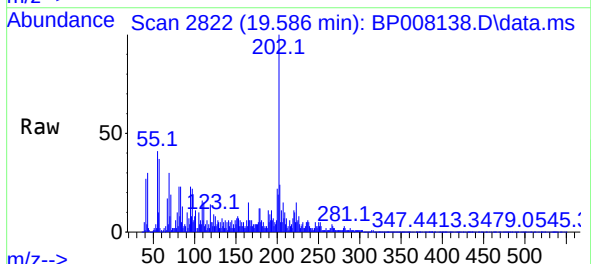
Instrument :
BNA_P
ClientSampleId :
SB-1-3.0

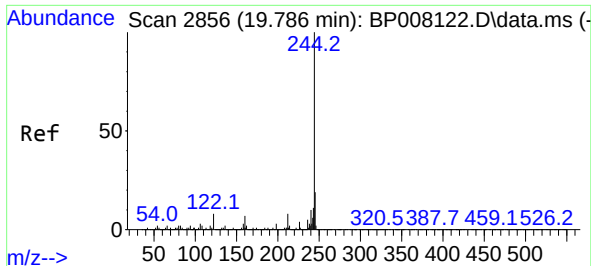
Tgt Ion:240 Resp: 478494
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.3 21.4 32.2



#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#



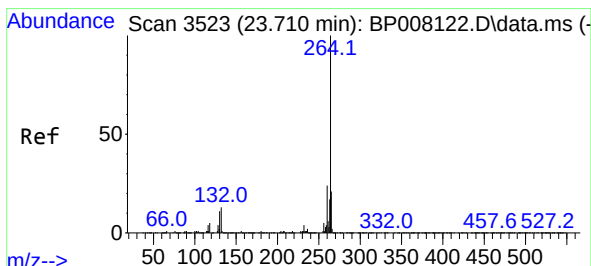
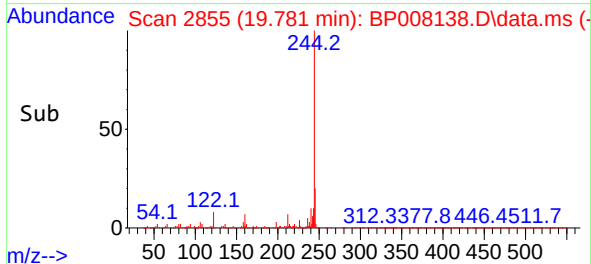
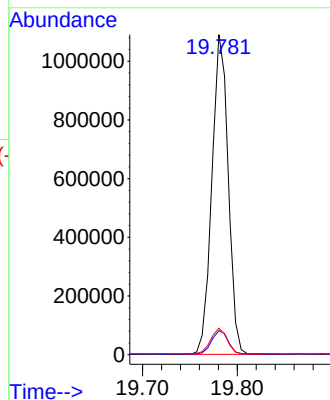
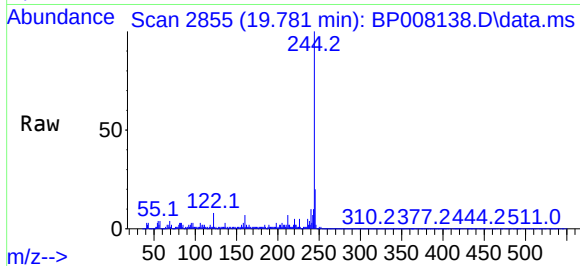


#79
 Terphenyl-d14
 Concen: 56.650 ng
 RT: 19.781 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP008138.D
 Acq: 29 Nov 2021 13:08

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

