

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM033012.D
 Acq On : 12 Nov 2021 05:16
 Operator : CG/JU
 Sample : PB140387BS
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS387

Quant Time: Nov 12 05:50:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:40:18 2021
 Response via : Initial Calibration

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

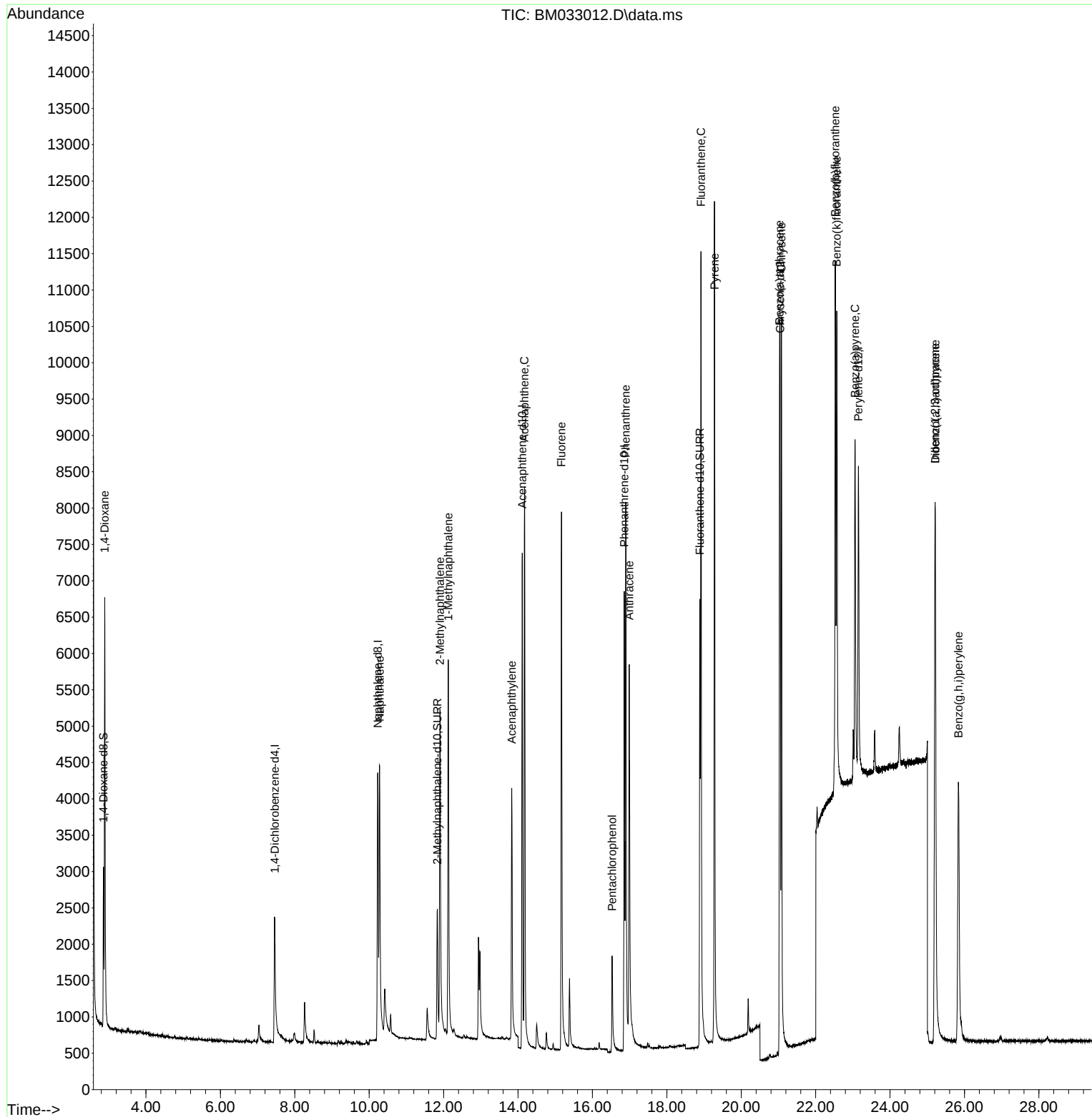
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	1501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.230	136	6223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	3884	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7993	0.400	ng/ul	0.00
17) Chrysene-d12	21.045	240	6465	0.400	ng/ul	0.00
23) Perylene-d12	23.149	264	5412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.860	96	1417	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	3153	0.357	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	7116	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.892	88	3797	1.929	ng/ul#	89
5) Naphthalene	10.280	128	6414	0.355	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	4248	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	4052	0.331	ng/ul	99
10) Acenaphthylene	13.833	152	5498	0.326	ng/ul	100
11) Acenaphthene	14.174	153	4930	0.334	ng/ul	99
12) Fluorene	15.168	166	5556	0.320	ng/ul	97
14) Pentachlorophenol	16.529	266	1156	0.555	ng/ul	97
15) Phenanthrene	16.897	178	8634	0.325	ng/ul	99
16) Anthracene	16.990	178	7215	0.309	ng/ul	99
19) Fluoranthene	18.919	202	10115	0.334	ng/ul	99
20) Pyrene	19.281	202	10506	0.333	ng/ul	99
21) Benzo(a)anthracene	21.028	228	7680	0.322	ng/ul	99
22) Chrysene	21.081	228	9193	0.342	ng/ul	99
24) Benzo(b)fluoranthene	22.526	252	8339	0.336	ng/ul	96
25) Benzo(k)fluoranthene	22.568	252	9207	0.346	ng/ul	94
26) Benzo(a)pyrene	23.059	252	6746	0.330	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.208	276	8267	0.351	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.216	278	6608	0.354	ng/ul	96
29) Benzo(g,h,i)perylene	25.836	276	7271	0.356	ng/ul	98

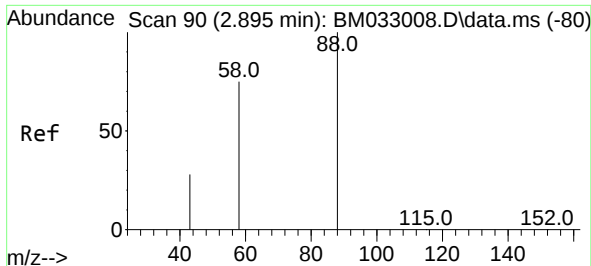
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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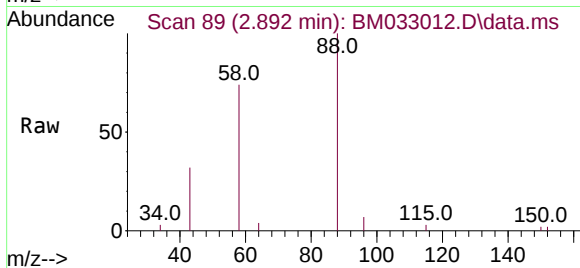
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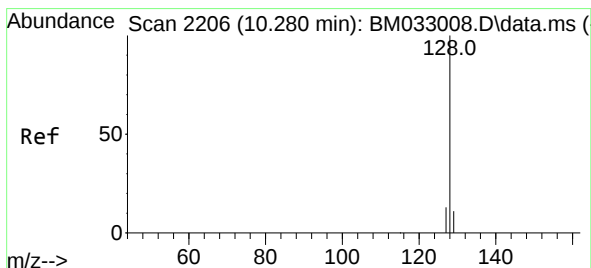
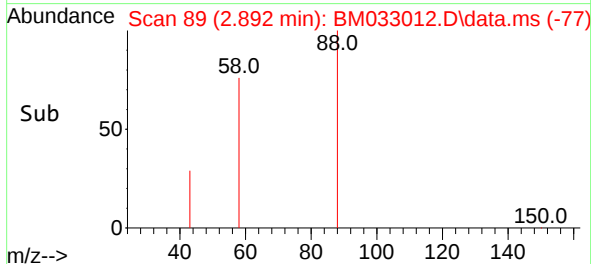
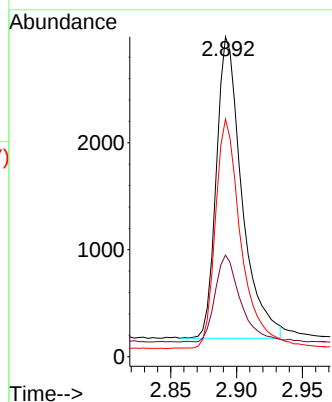


#2
1,4-Dioxane
Concen: 1.929 ng/ul
RT: 2.892 min Scan# 89
Delta R.T. -0.007 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Instrument :
BNA_M
ClientSampleId :
SLCS387

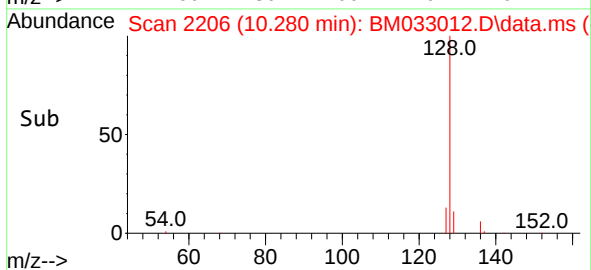
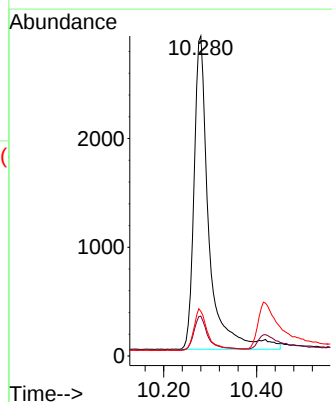
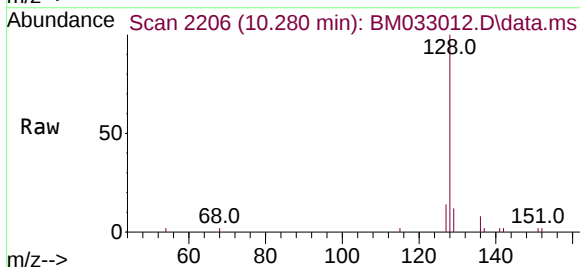


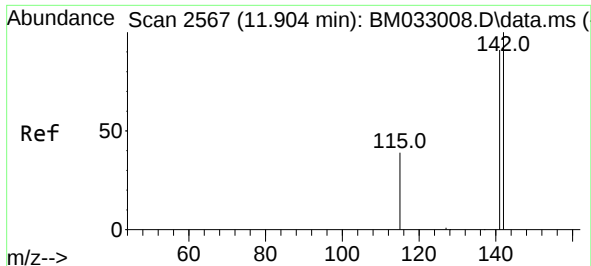
Tgt Ion: 88 Resp: 3797
Ion Ratio Lower Upper
88 100
43 31.8 35.8 53.8#
58 74.3 55.8 83.8



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.280 min Scan# 2206
Delta R.T. 0.001 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:128 Resp: 6414
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.0 11.8 17.8

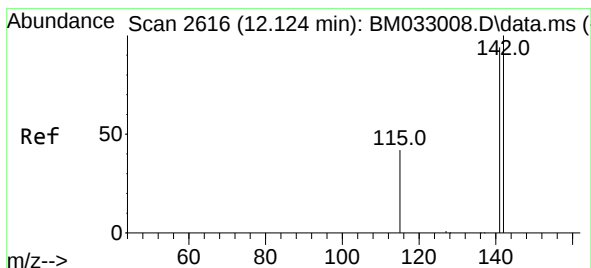
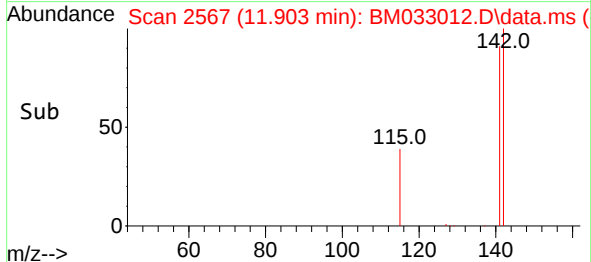
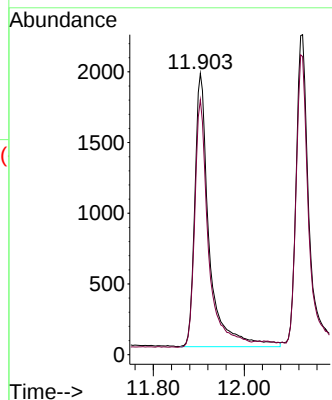
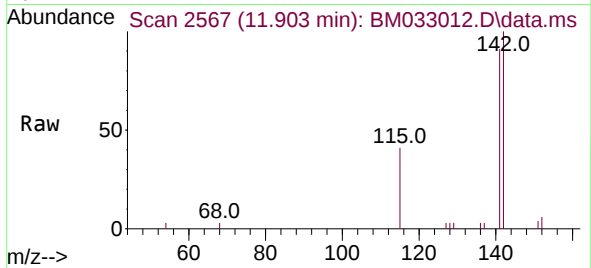




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 11.903 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

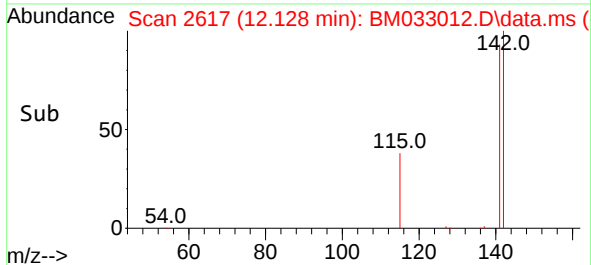
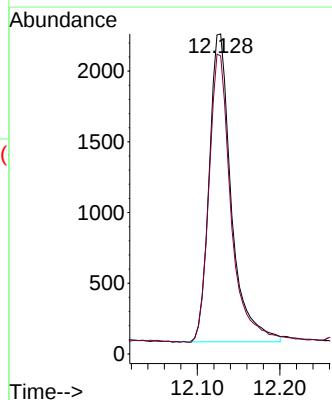
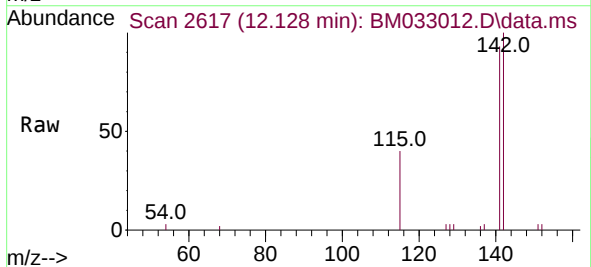
Instrument :
BNA_M
ClientSampleId :
SLCS387

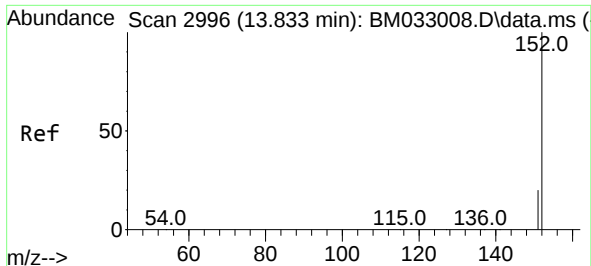
Tgt Ion:142 Resp: 4248
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. 0.001 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:142 Resp: 4052
Ion Ratio Lower Upper
142 100
141 93.6 74.5 111.7

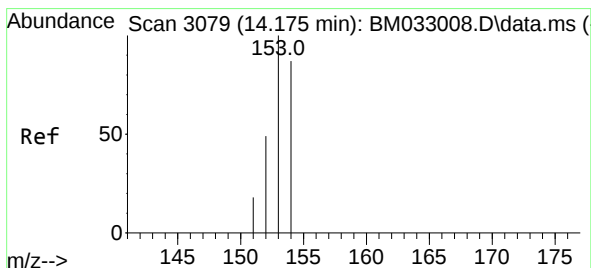
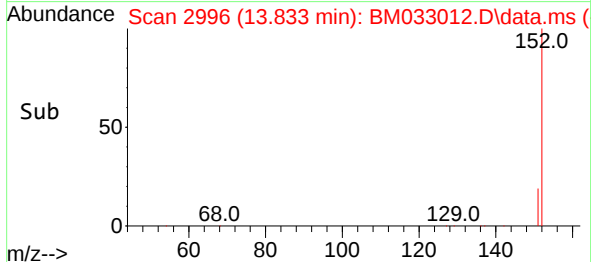
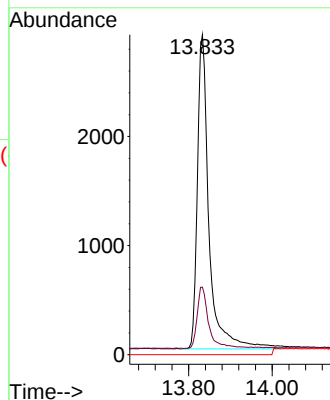
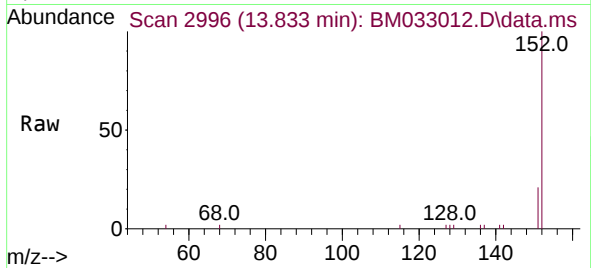




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 13.833 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

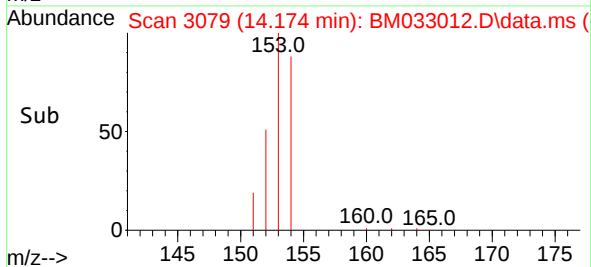
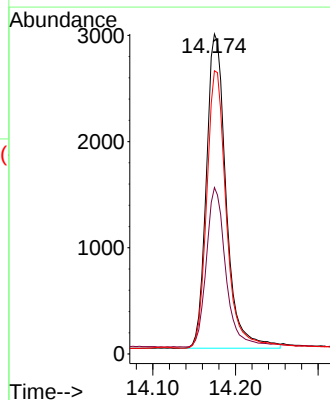
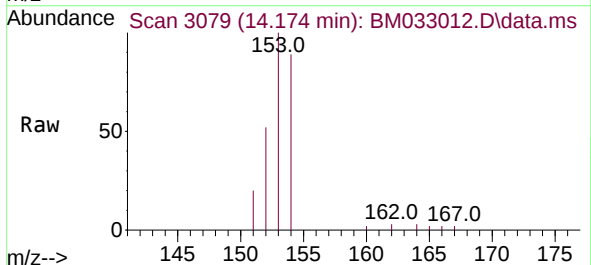
Instrument :
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ClientSampleId :
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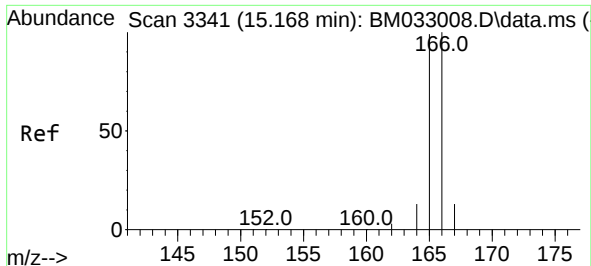
Tgt Ion:152 Resp: 5498
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.174 min Scan# 3079
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:153 Resp: 4930
Ion Ratio Lower Upper
153 100
152 52.0 40.6 60.8
154 88.5 70.8 106.2

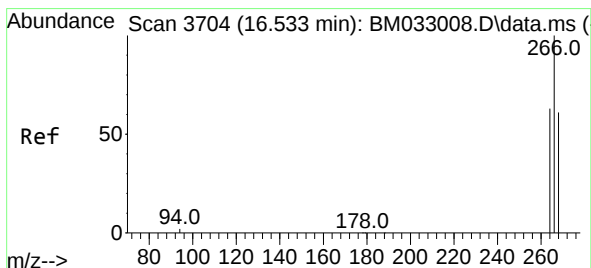
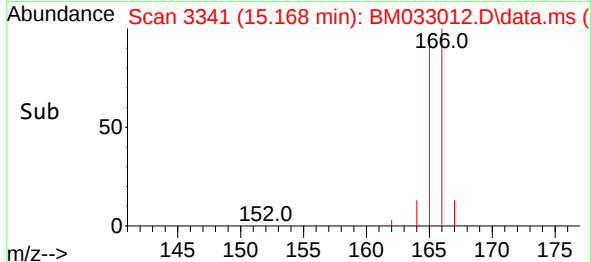
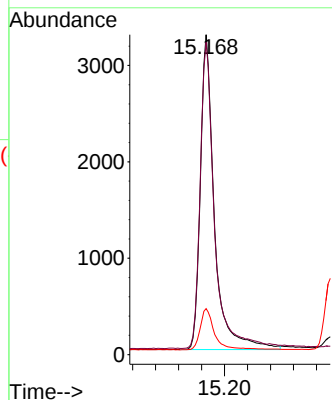
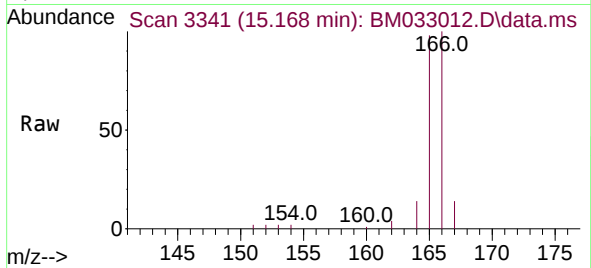




#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.168 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

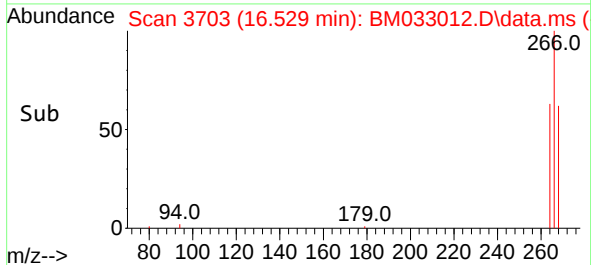
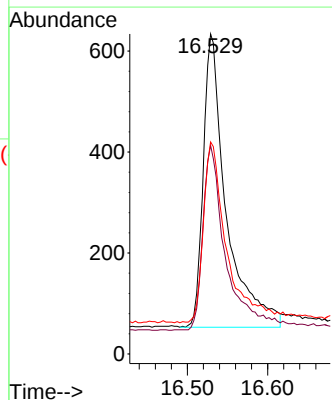
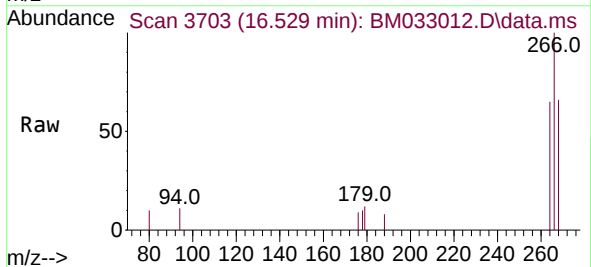
Instrument :
BNA_M
ClientSampleId :
SLCS387

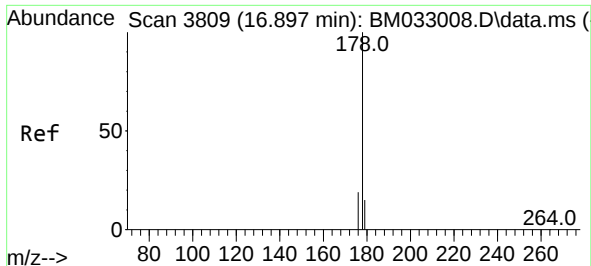
Tgt Ion:166 Resp: 5556
Ion Ratio Lower Upper
166 100
165 97.6 80.8 121.2
167 14.4 11.7 17.5



#14
Pentachlorophenol
Concen: 0.555 ng/ul
RT: 16.529 min Scan# 3703
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:266 Resp: 1156
Ion Ratio Lower Upper
266 100
264 62.1 51.2 76.8
268 62.8 52.9 79.3

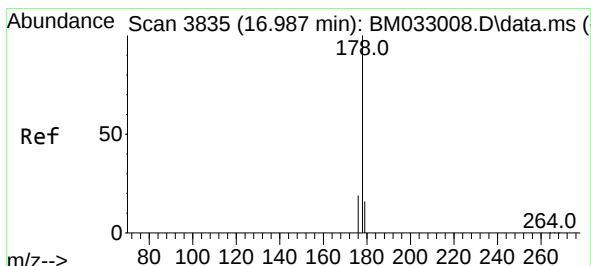
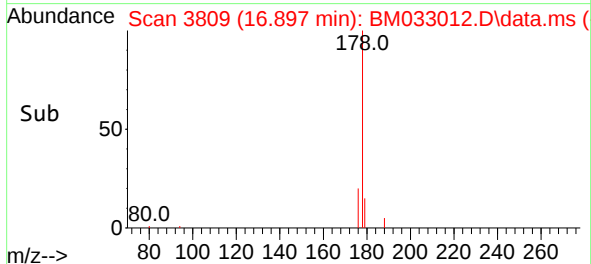
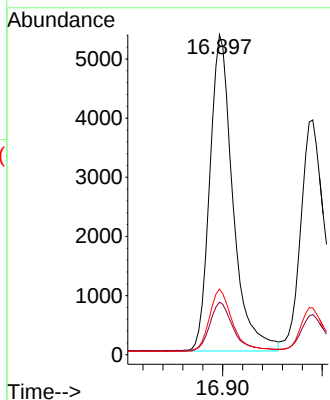
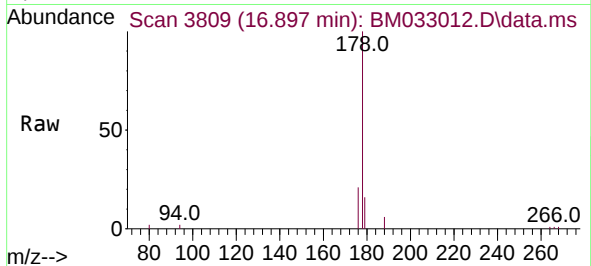




#15
Phenanthrene
Concen: 0.325 ng/u1
RT: 16.897 min Scan# 3809
Delta R.T. -0.003 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

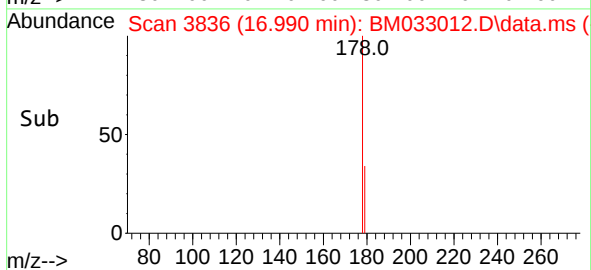
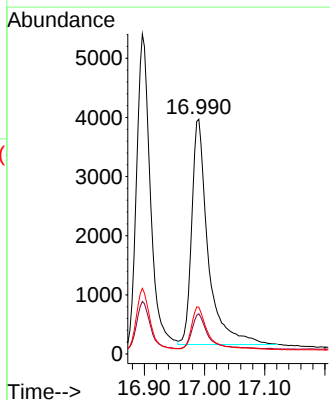
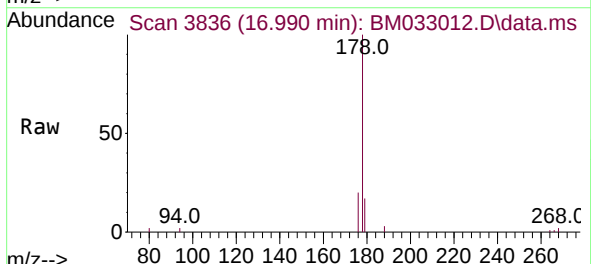
Instrument :
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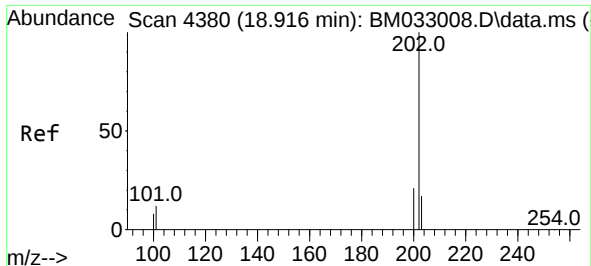
Tgt Ion:	178	Resp:	8634
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.5	16.0	24.0



#16
Anthracene
Concen: 0.309 ng/u1
RT: 16.990 min Scan# 3836
Delta R.T. 0.000 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:	178	Resp:	7215
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.0	19.6
176	19.9	15.6	23.4

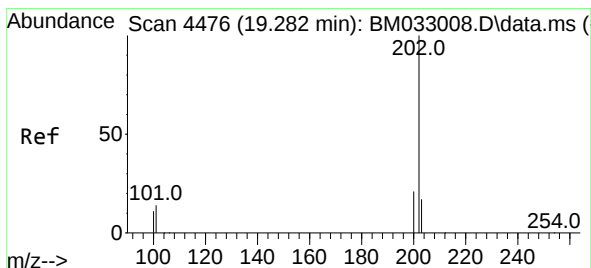
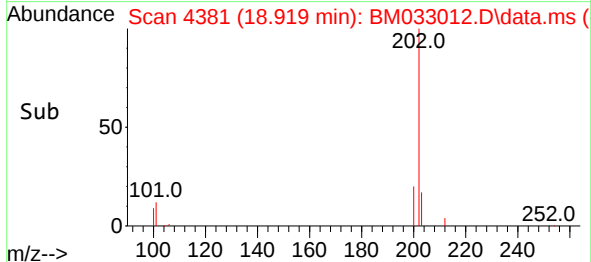
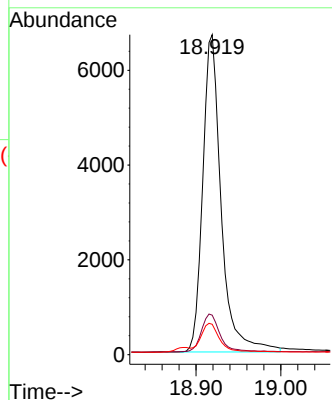
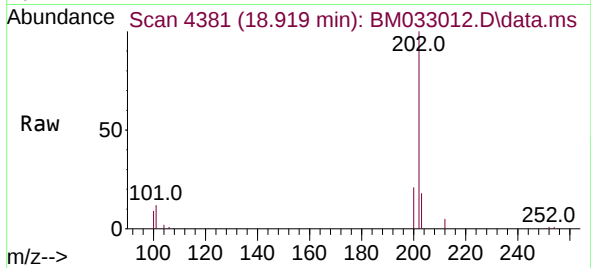




#19
Fluoranthene
Concen: 0.334 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. 0.000 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

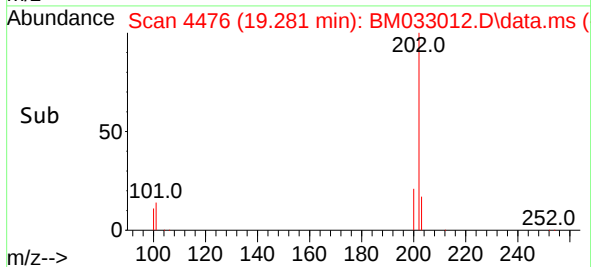
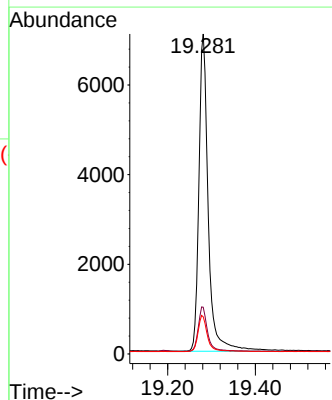
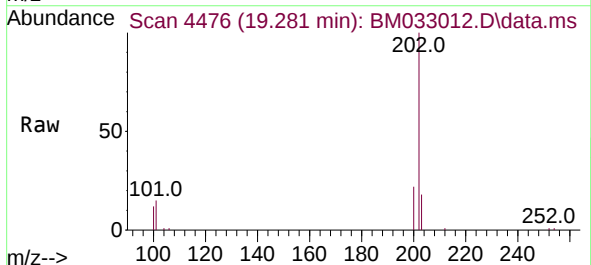
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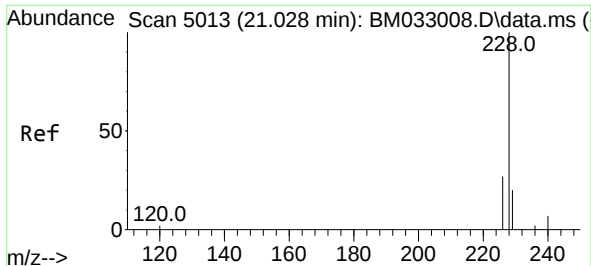
Tgt Ion:202 Resp: 10115
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.281 min Scan# 4476
Delta R.T. 0.000 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:202 Resp: 10506
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.6 9.5 14.3

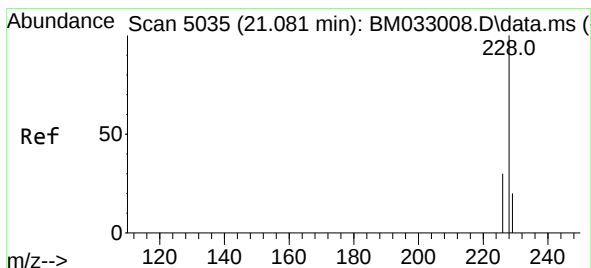
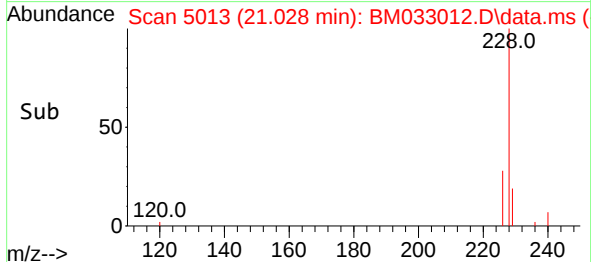
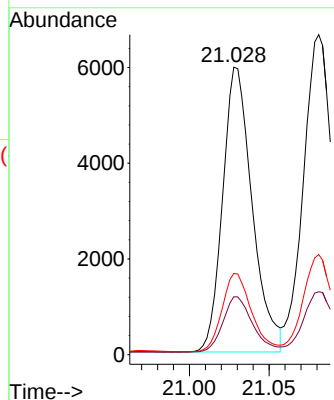
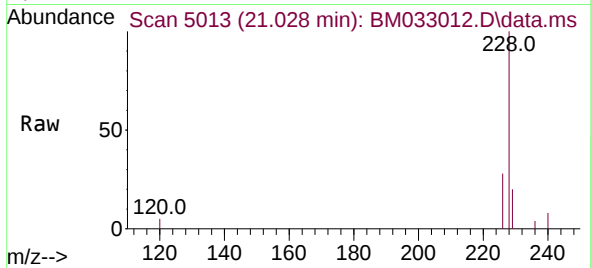




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.028 min Scan# 5013
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

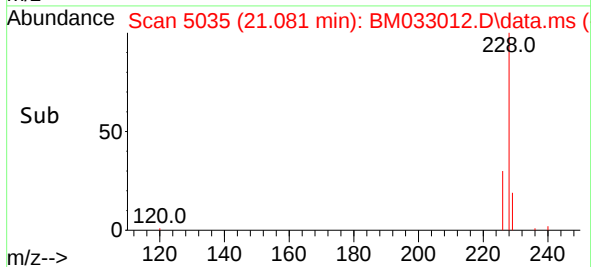
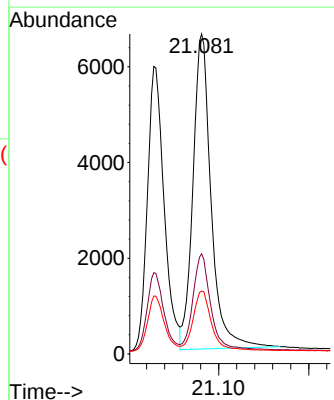
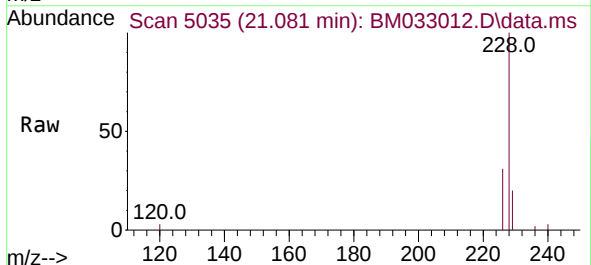
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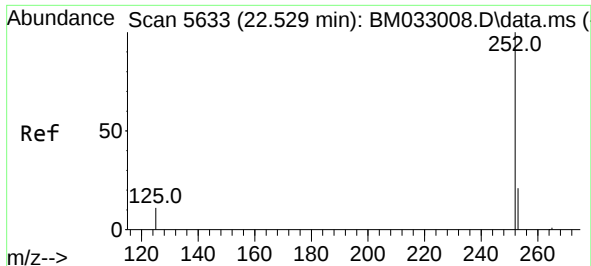
Tgt Ion:	228	Resp:	7680
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	28.3	22.4	33.6



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.081 min Scan# 5035
Delta R.T. -0.002 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:	228	Resp:	9193
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	19.6	16.1	24.1

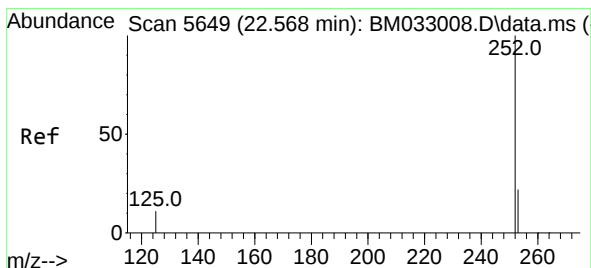
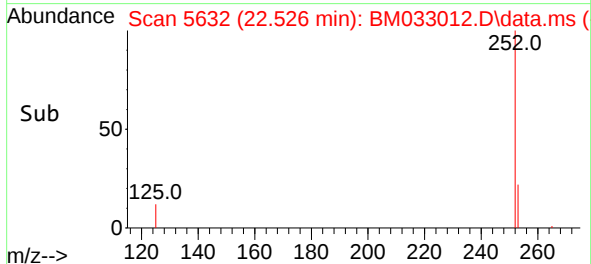
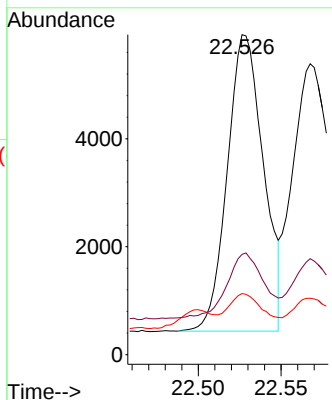
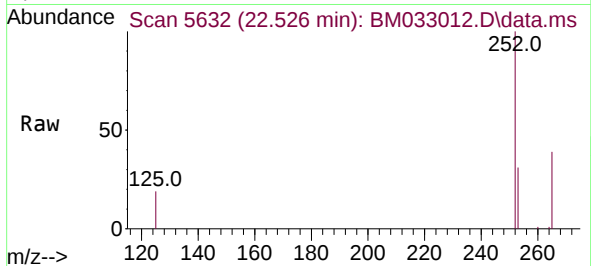




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 22.526 min Scan# 5632
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

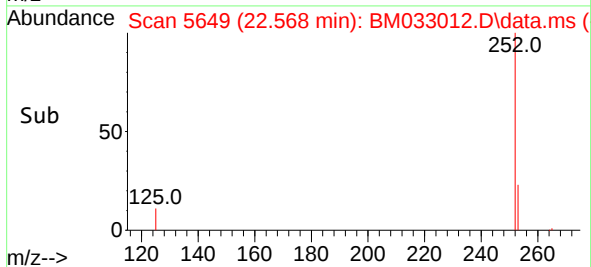
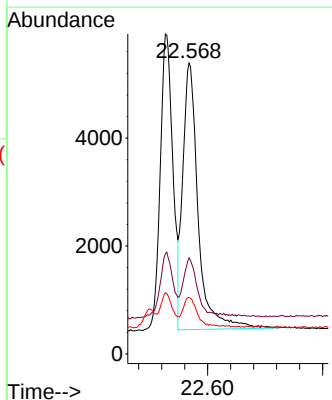
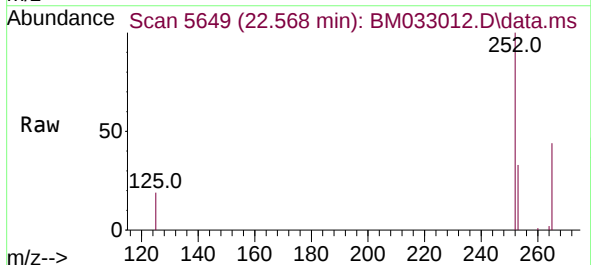
Instrument :
BNA_M
ClientSampleId :
SLCS387

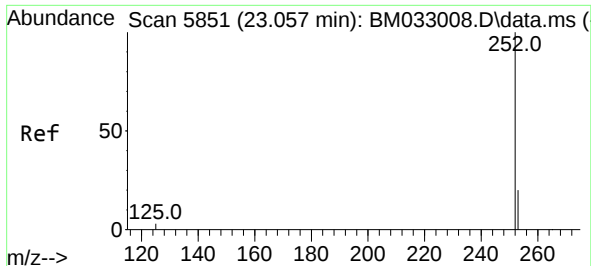
Tgt Ion:252	Resp:	8339
Ion Ratio	Lower	Upper
252	100	
253	31.4	0.0 59.2
125	19.1	0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul
RT: 22.568 min Scan# 5649
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:252	Resp:	9207
Ion Ratio	Lower	Upper
252	100	
253	33.0	23.1 34.7
125	19.4	14.6 21.8

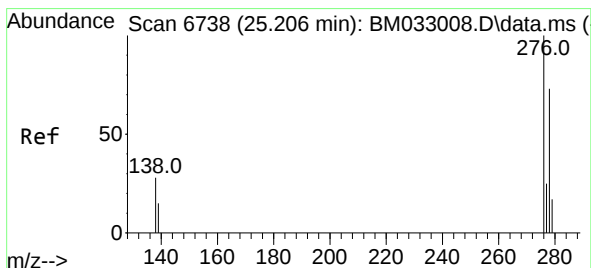
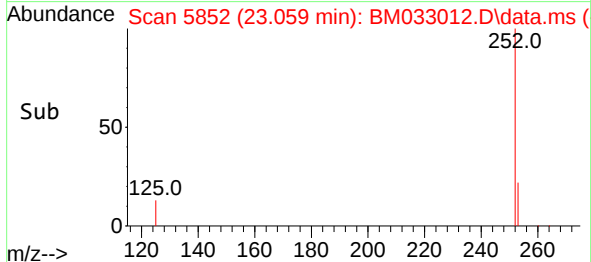
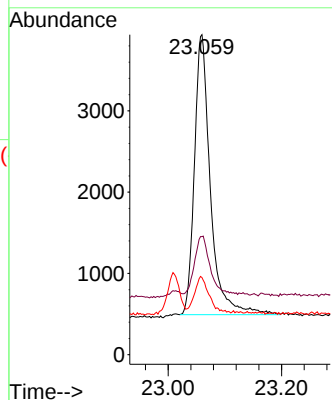
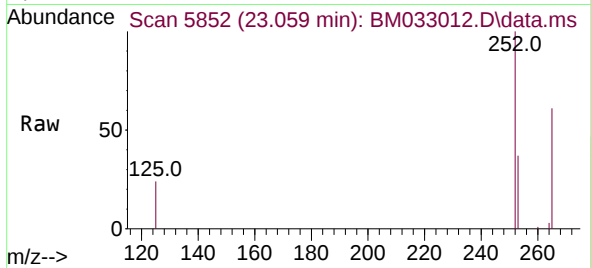




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.059 min Scan# 5852
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

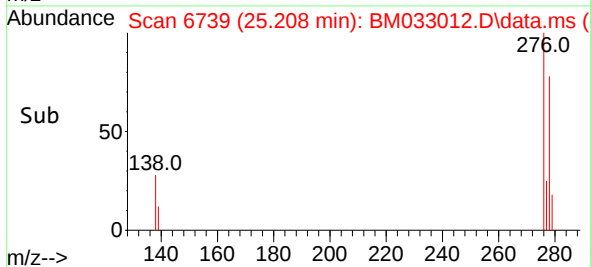
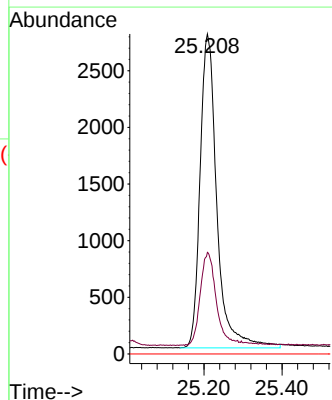
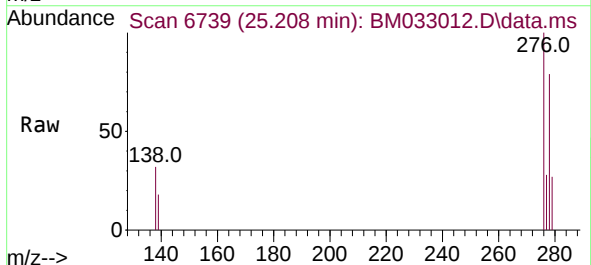
Instrument :
BNA_M
ClientSampleId :
SLCS387

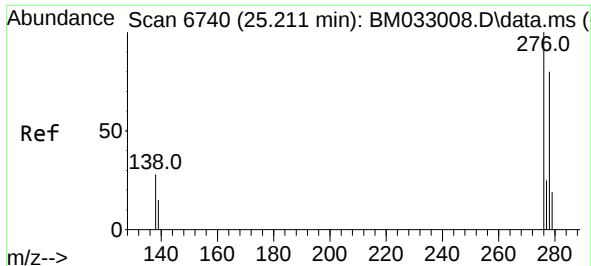
Tgt Ion:252 Resp: 6746
Ion Ratio Lower Upper
252 100
253 36.9 27.1 40.7
125 24.1 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.208 min Scan# 6739
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:276 Resp: 8267
Ion Ratio Lower Upper
276 100
138 28.9 22.9 34.3
227 0.0 0.0 0.0

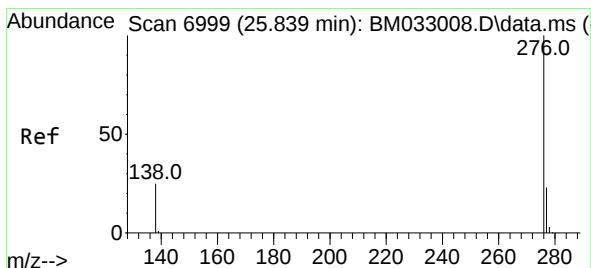
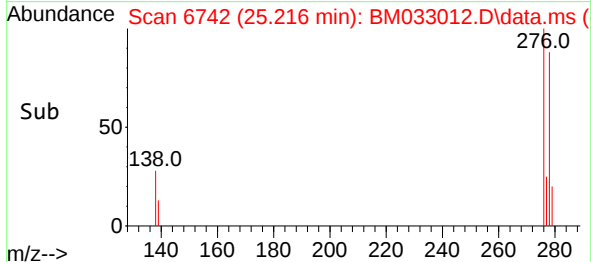
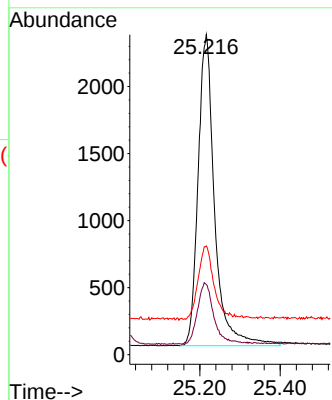
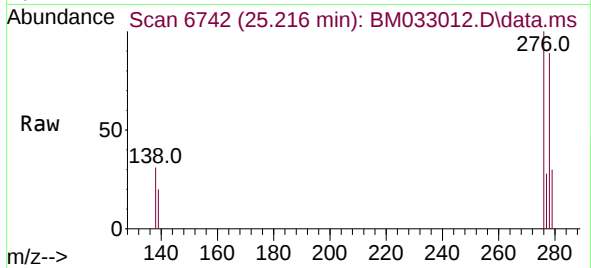




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.216 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Instrument :
BNA_M
ClientSampleId :
SLCS387

Tgt Ion:278 Resp: 6608
Ion Ratio Lower Upper
278 100
139 22.0 18.2 27.2
279 34.0 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 25.836 min Scan# 6998
Delta R.T. -0.007 min
Lab File: BM033012.D
Acq: 12 Nov 2021 05:16

Tgt Ion:276 Resp: 7271
Ion Ratio Lower Upper
276 100
138 26.8 22.2 33.2
277 27.3 21.0 31.4

