

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032962.D
 Acq On : 10 Nov 2021 20:58
 Operator : CG/JU
 Sample : PB140517BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Nov 11 08:23:43 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 : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

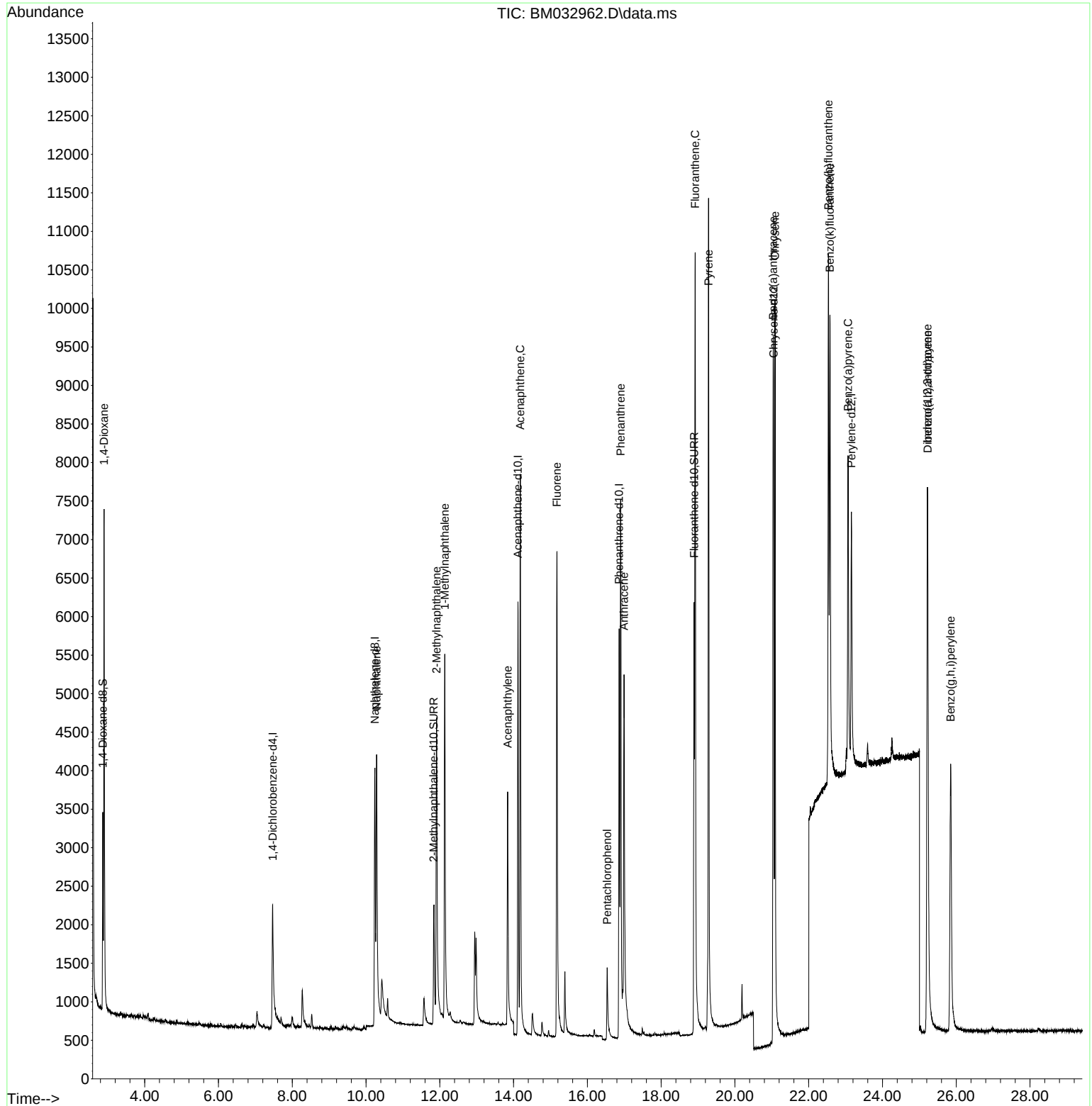
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	1497	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	5762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	3279	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.862	188	6772	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	5527	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	4428	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.864	96	1537	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.836	152	2906	0.355	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	6540	0.390	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.898	88	4225	2.152	ng/ul#	90
5) Naphthalene	10.284	128	6273	0.375	ng/ul	100
7) 2-Methylnaphthalene	11.912	142	3915	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.133	142	3782	0.333	ng/ul	100
10) Acenaphthylene	13.837	152	4892	0.343	ng/ul	98
11) Acenaphthene	14.182	153	4578	0.368	ng/ul	99
12) Fluorene	15.175	166	5185	0.353	ng/ul	97
14) Pentachlorophenol	16.539	266	886	0.502	ng/ul	98
15) Phenanthrene	16.903	178	8238	0.366	ng/ul	99
16) Anthracene	16.994	178	6677	0.338	ng/ul	99
19) Fluoranthene	18.923	202	9695	0.374	ng/ul	98
20) Pyrene	19.285	202	10135	0.376	ng/ul	99
21) Benzo(a)anthracene	21.035	228	7085	0.347	ng/ul	100
22) Chrysene	21.088	228	8826	0.384	ng/ul	99
24) Benzo(b)fluoranthene	22.536	252	8089	0.398	ng/ul	96
25) Benzo(k)fluoranthene	22.575	252	8783	0.403	ng/ul	94
26) Benzo(a)pyrene	23.067	252	6489	0.388	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.220	276	7768	0.403	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.223	278	6191	0.406	ng/ul	96
29) Benzo(g,h,i)perylene	25.850	276	7051	0.422	ng/ul	99

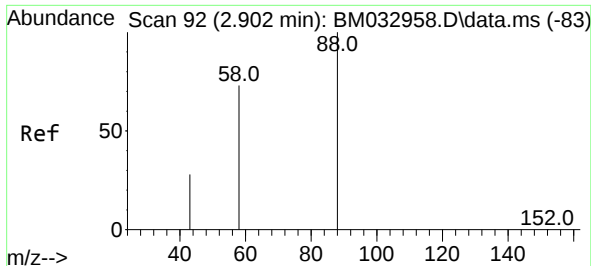
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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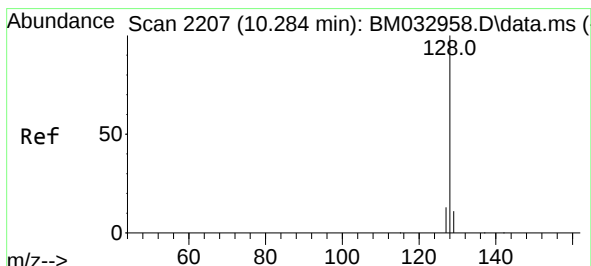
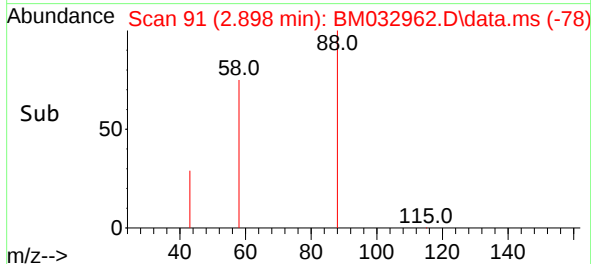
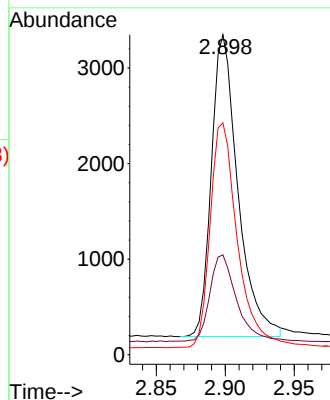
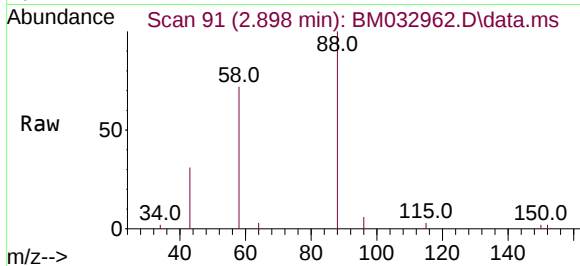




#2
1,4-Dioxane
Concen: 2.152 ng/ul
RT: 2.898 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

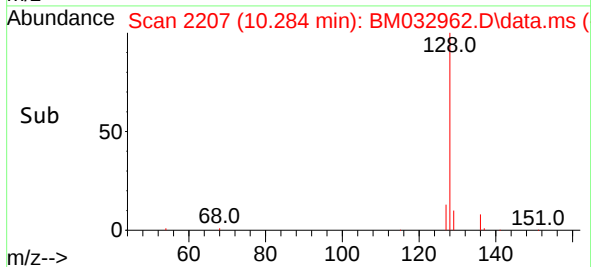
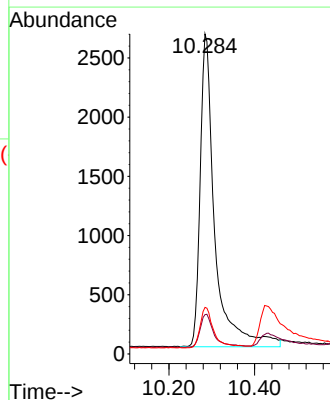
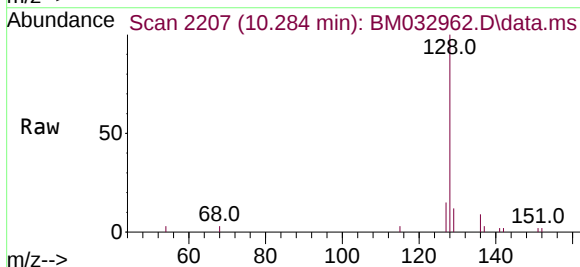
Instrument :
BNA_M
ClientSampleId :
SLCS517

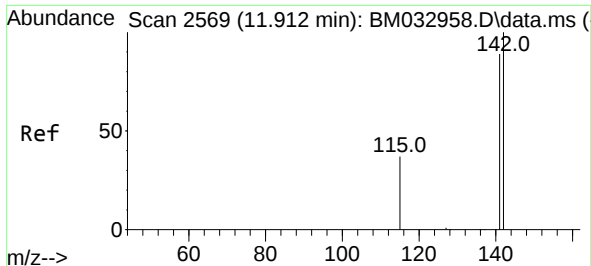
Tgt Ion: 88 Resp: 4225
Ion Ratio Lower Upper
88 100
43 31.2 35.8 53.8#
58 72.4 55.8 83.8



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.284 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion: 128 Resp: 6273
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.6 11.8 17.8

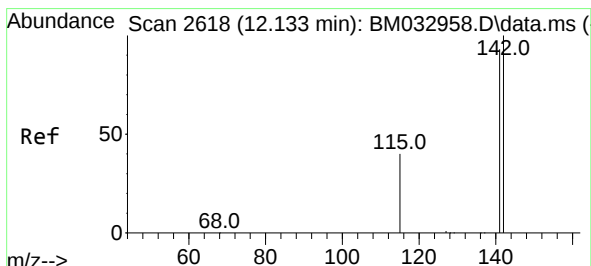
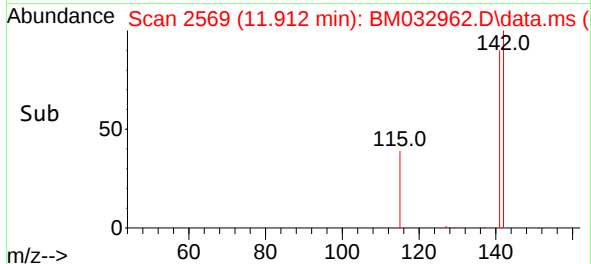
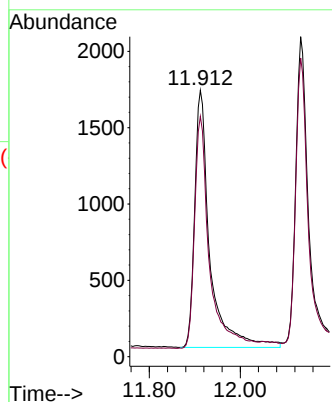
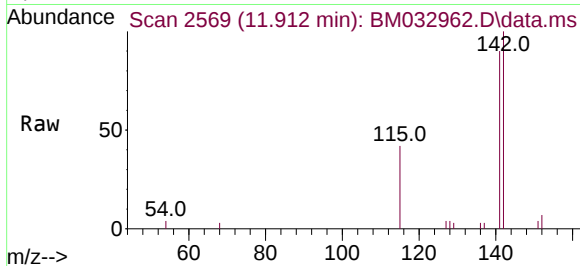




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 11.912 min Scan# 2569
Delta R.T. -0.001 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

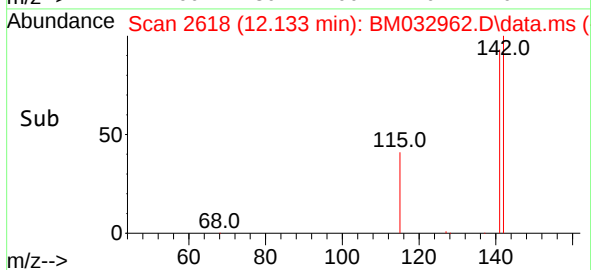
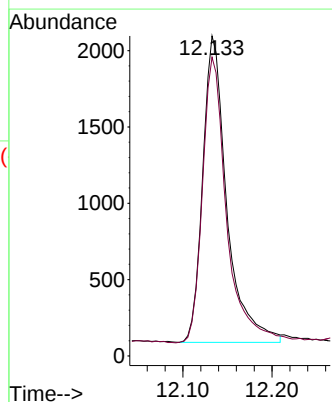
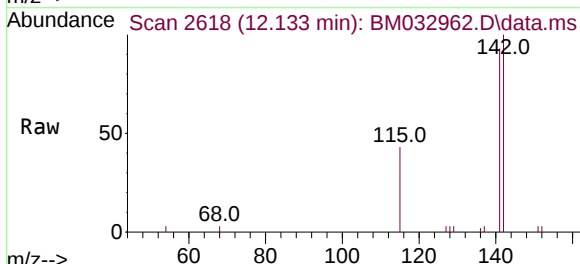
Instrument :
BNA_M
ClientSampleId :
SLCS517

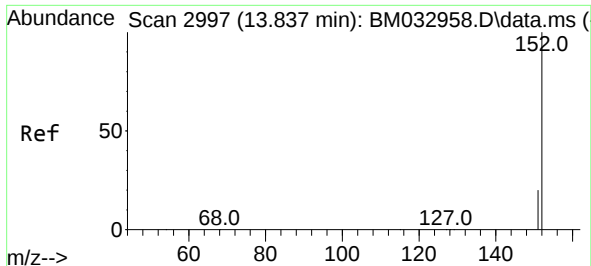
Tgt Ion:142 Resp: 3915
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.133 min Scan# 2618
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:142 Resp: 3782
Ion Ratio Lower Upper
142 100
141 93.2 74.5 111.7

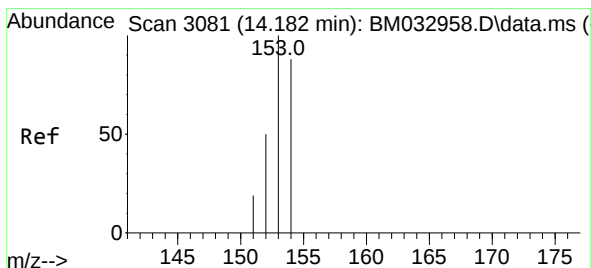
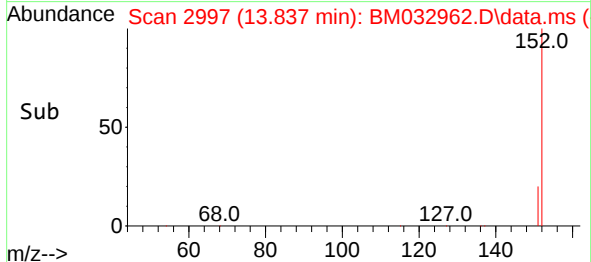
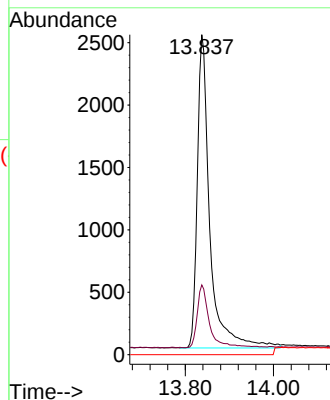
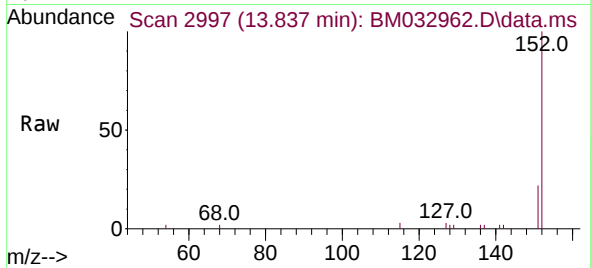




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 13.837 min Scan# 2997
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

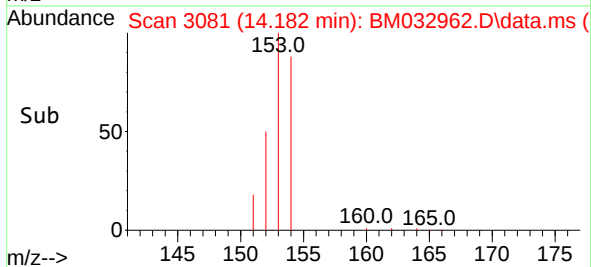
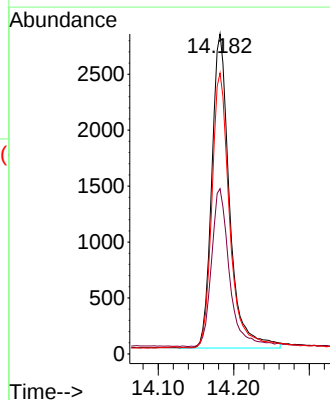
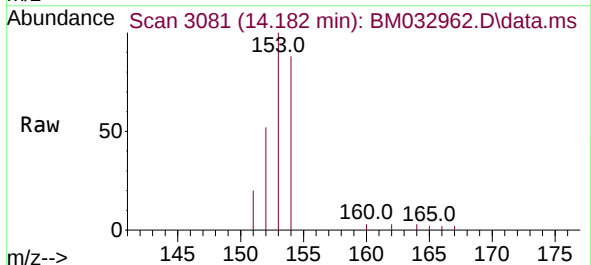
Instrument :
BNA_M
ClientSampleId :
SLCS517

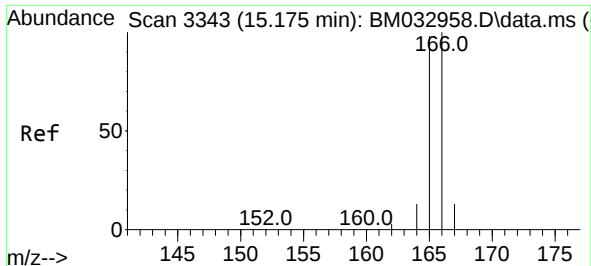
Tgt Ion:152	Resp: 4892
Ion Ratio	Lower Upper
152	100
151	21.8 16.7 25.1
153	0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.182 min Scan# 3081
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

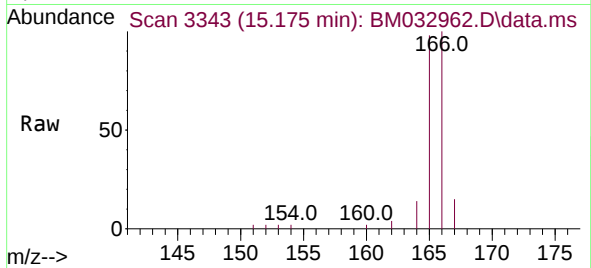
Tgt Ion:153	Resp: 4578
Ion Ratio	Lower Upper
153	100
152	51.6 40.6 60.8
154	87.8 70.8 106.2



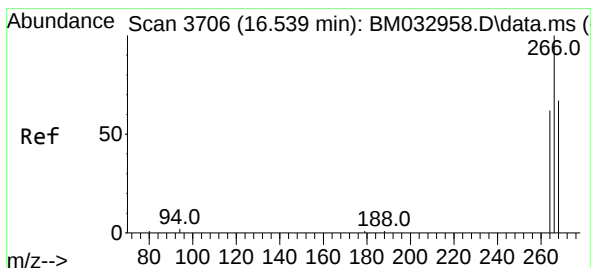
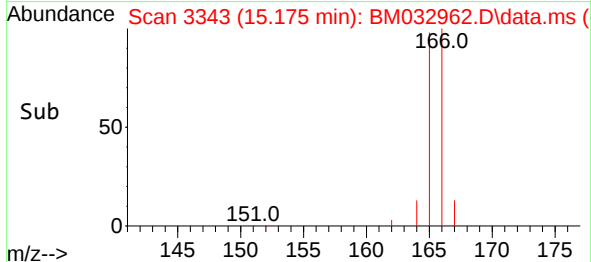
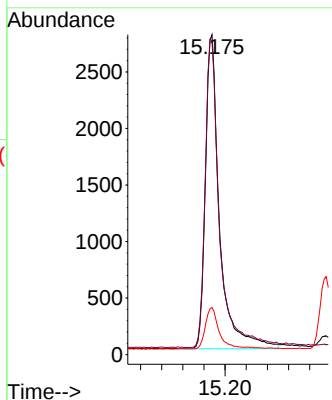


#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.175 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Instrument :
BNA_M
ClientSampleId :
SLCS517

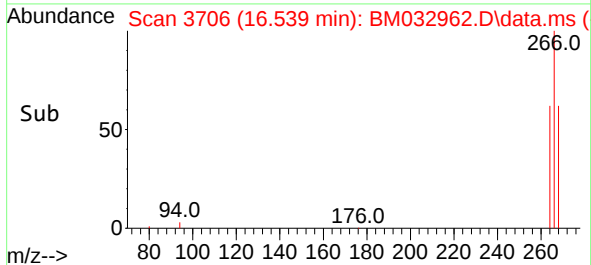
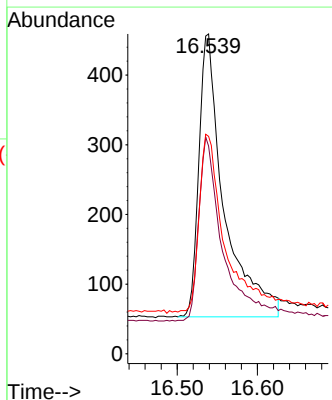
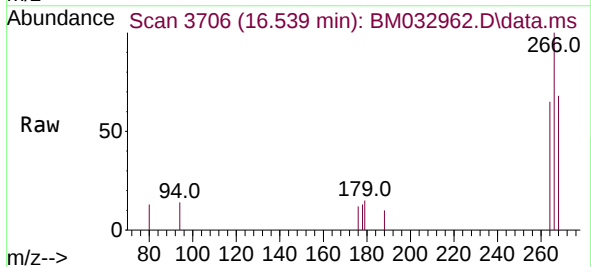


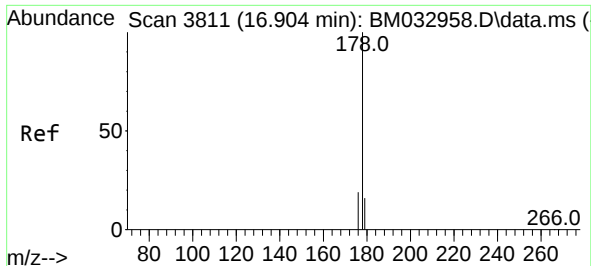
Tgt Ion:	166	Resp:	5185
Ion Ratio	Lower	Upper	
166	100		
165	98.1	80.8	121.2
167	14.7	11.7	17.5



#14
Pentachlorophenol
Concen: 0.502 ng/ul
RT: 16.539 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:	266	Resp:	886
Ion Ratio	Lower	Upper	
266	100		
264	62.9	51.2	76.8
268	63.8	52.9	79.3

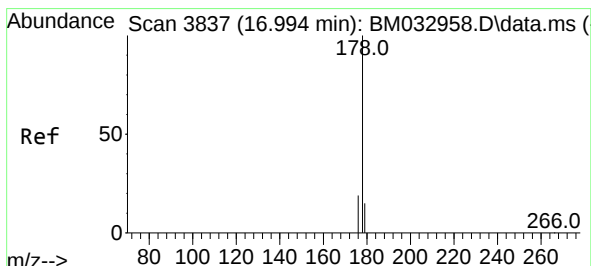
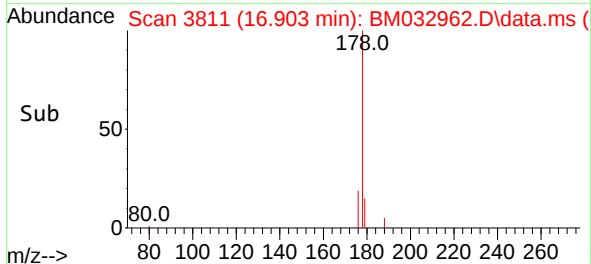
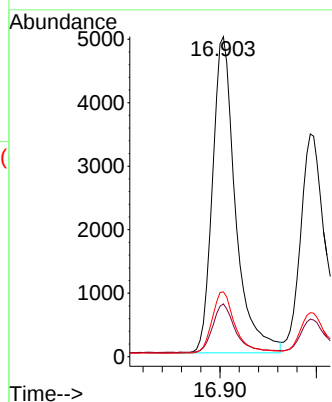
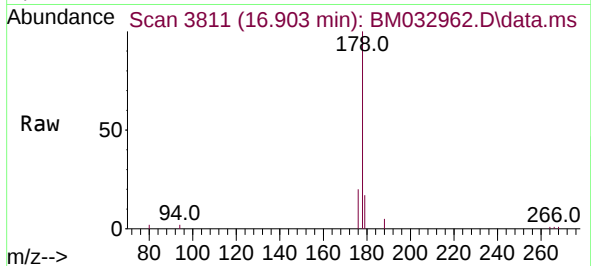




#15
Phenanthrene
Concen: 0.366 ng/u1
RT: 16.903 min Scan# 3811
Delta R.T. -0.004 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

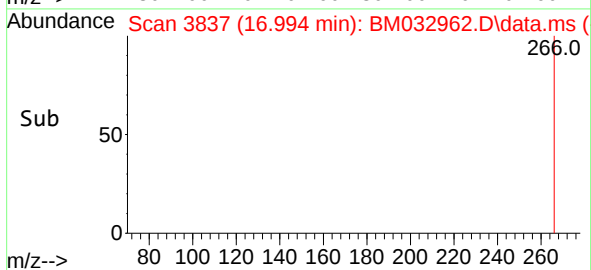
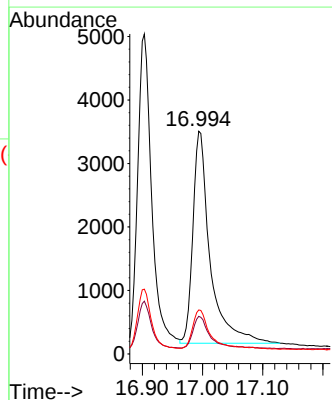
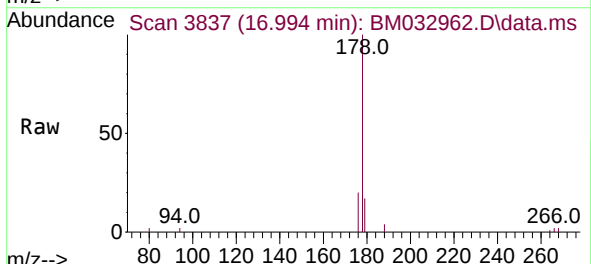
Instrument :
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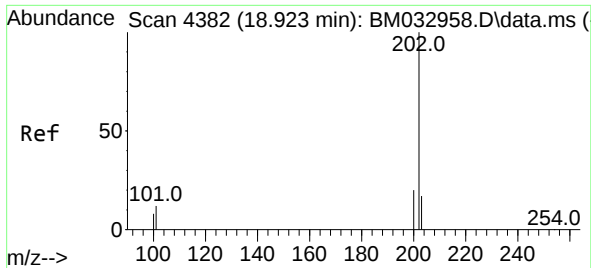
Tgt Ion:	178	Resp:	8238
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	20.2	16.0	24.0



#16
Anthracene
Concen: 0.338 ng/u1
RT: 16.994 min Scan# 3837
Delta R.T. -0.004 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:	178	Resp:	6677
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.0	19.6
176	19.8	15.6	23.4

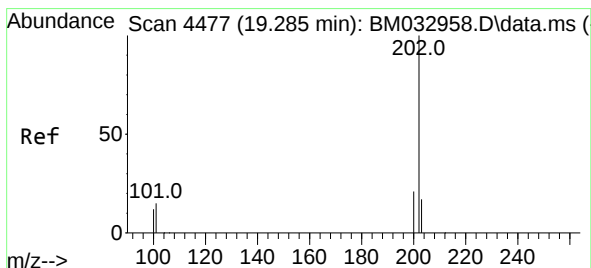
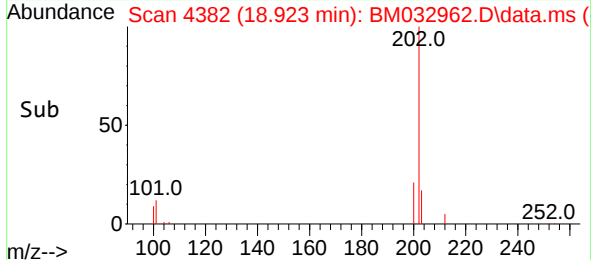
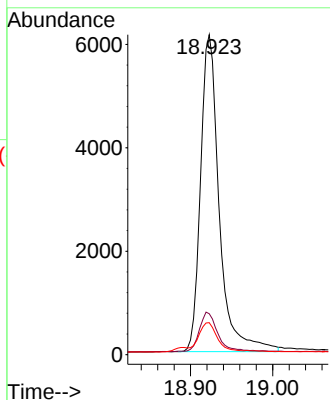
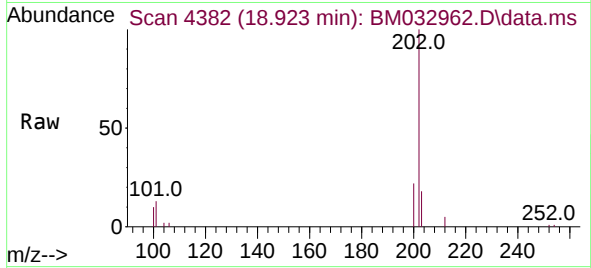




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 18.923 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

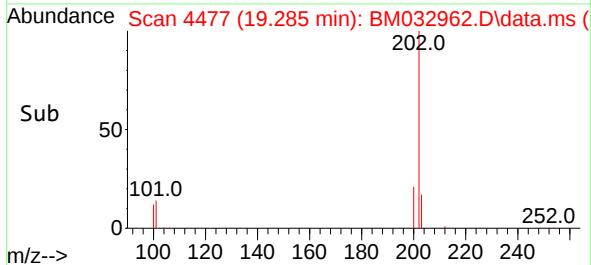
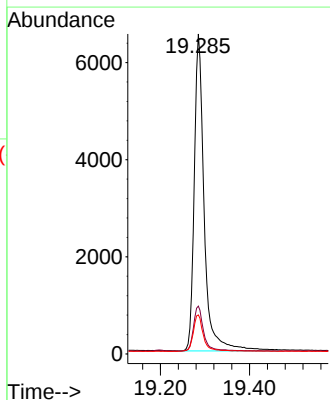
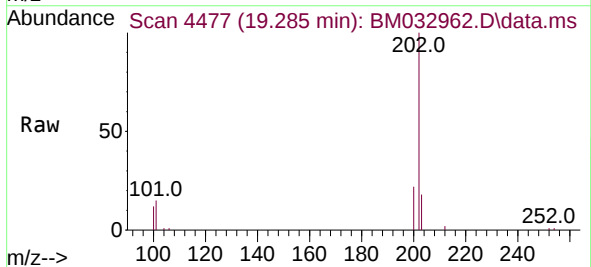
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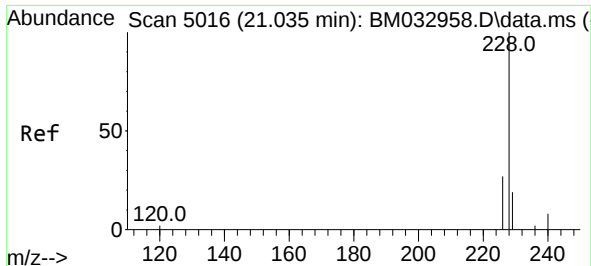
Tgt Ion:202	Resp:	9695
Ion Ratio	Lower	Upper
202	100	
101	12.8	9.9 14.9
100	10.0	7.3 10.9



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.005 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:202	Resp:	10135
Ion Ratio	Lower	Upper
202	100	
101	15.0	11.8 17.6
100	12.2	9.5 14.3

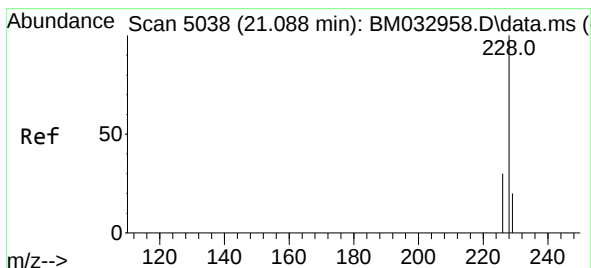
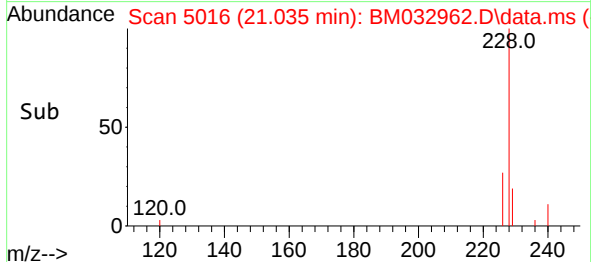
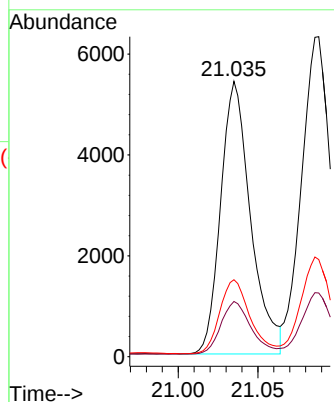
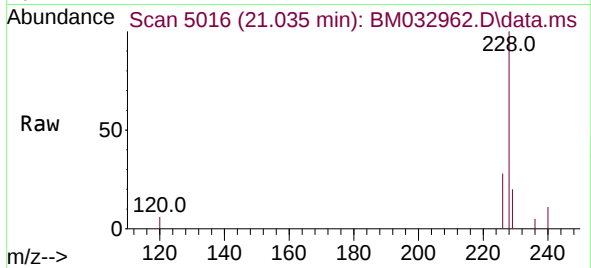




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.035 min Scan# 5016
Delta R.T. -0.003 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

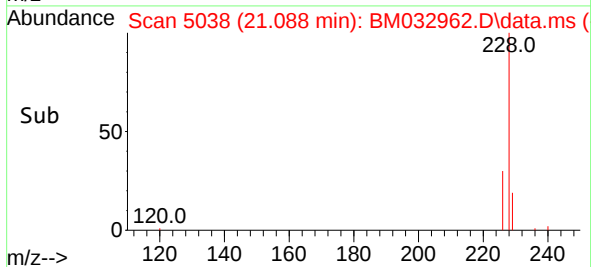
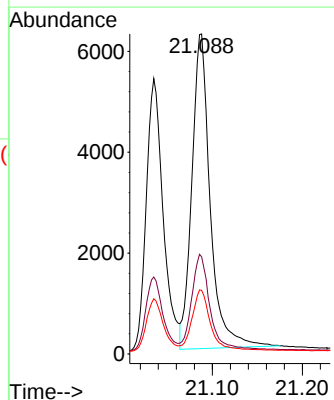
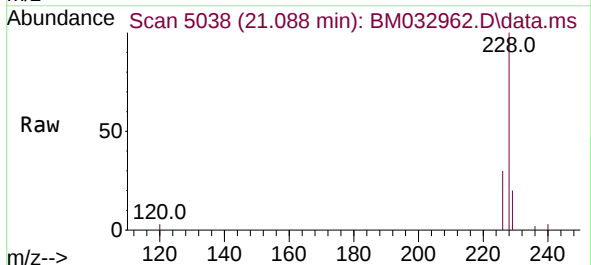
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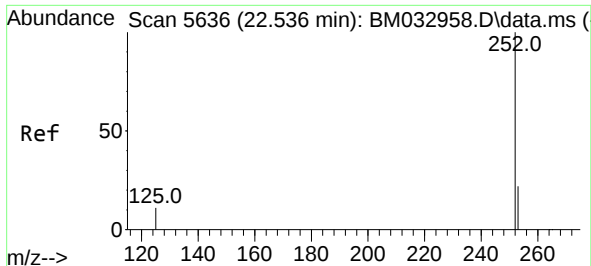
Tgt Ion:	228	Resp:	7085
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	28.0	22.4	33.6



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.088 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:	228	Resp:	8826
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	19.9	16.1	24.1

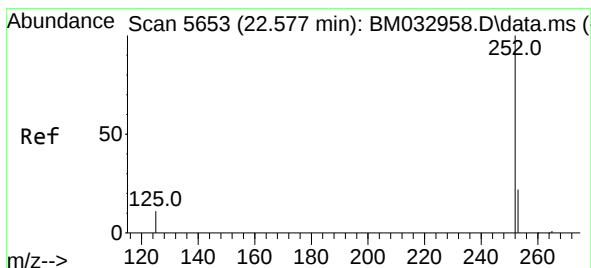
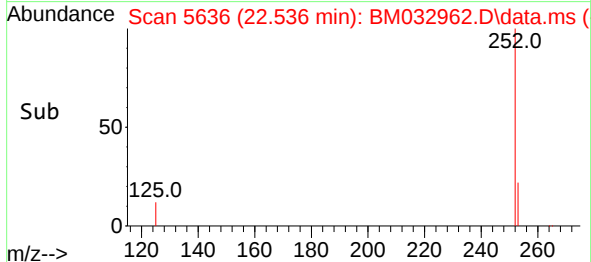
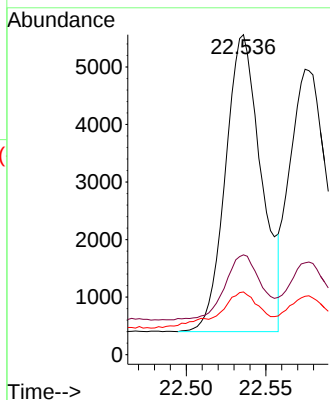
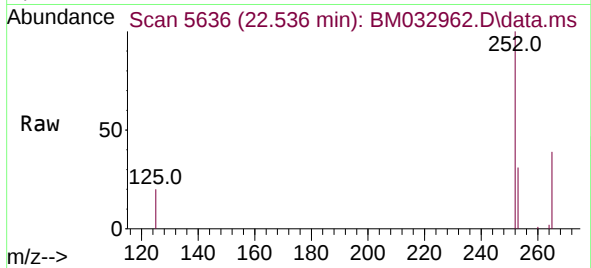




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 22.536 min Scan# 5636
Delta R.T. -0.006 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

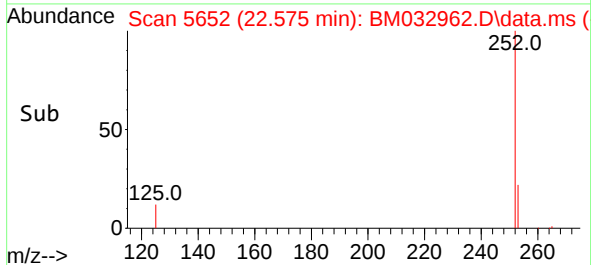
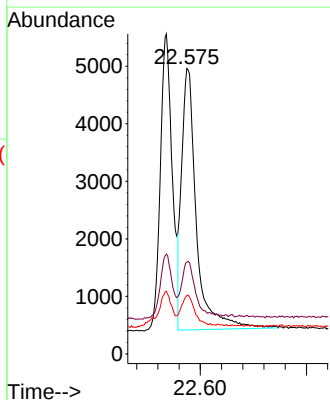
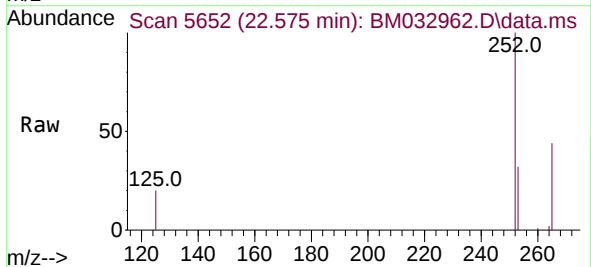
Instrument :
BNA_M
ClientSampleId :
SLCS517

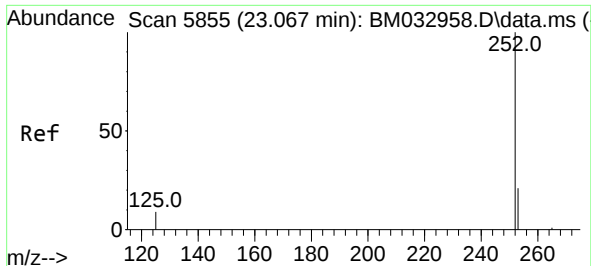
Tgt Ion:252 Resp: 8089
Ion Ratio Lower Upper
252 100
253 31.2 0.0 59.2
125 19.6 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 22.575 min Scan# 5652
Delta R.T. -0.008 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:252 Resp: 8783
Ion Ratio Lower Upper
252 100
253 32.2 23.1 34.7
125 20.4 14.6 21.8

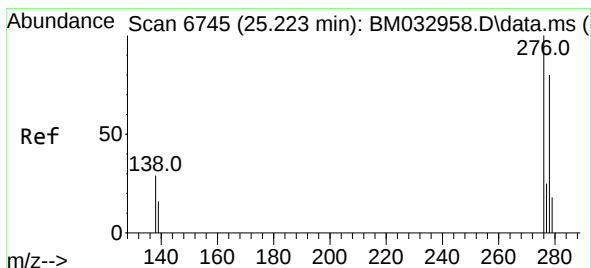
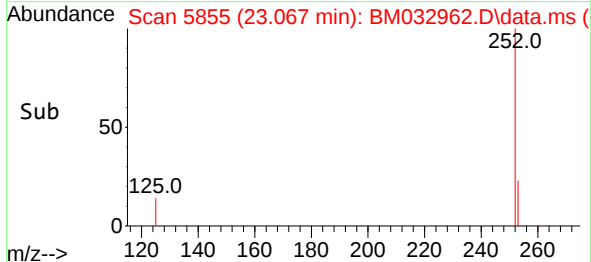
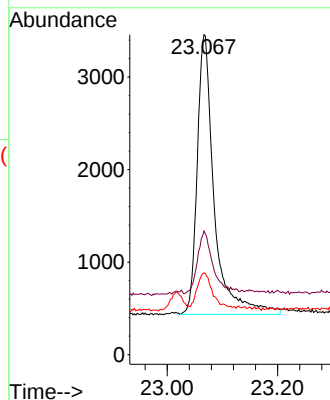
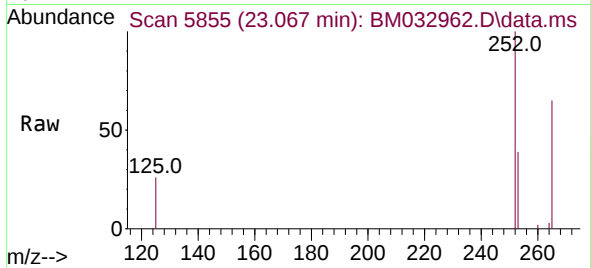




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.067 min Scan# 5855
Delta R.T. -0.006 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

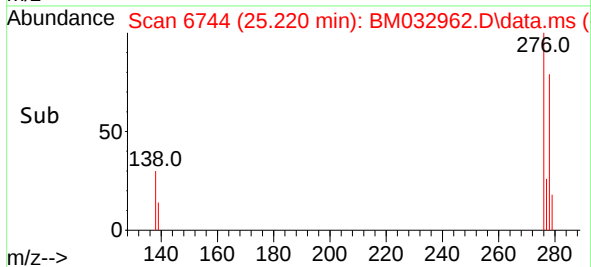
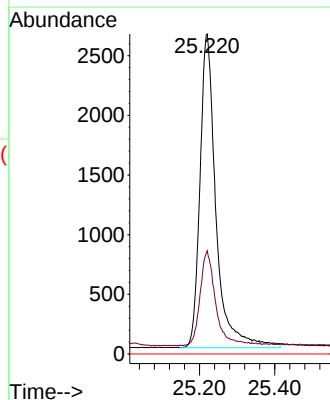
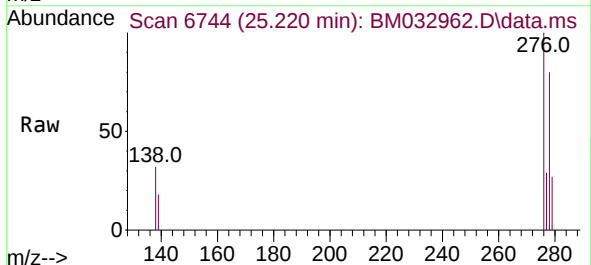
Instrument :
BNA_M
ClientSampleId :
SLCS517

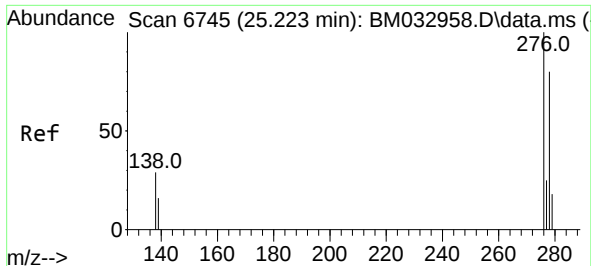
Tgt Ion:252 Resp: 6489
Ion Ratio Lower Upper
252 100
253 38.7 27.1 40.7
125 25.6 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.220 min Scan# 6744
Delta R.T. -0.013 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:276 Resp: 7768
Ion Ratio Lower Upper
276 100
138 29.3 22.9 34.3
227 0.0 0.0 0.0

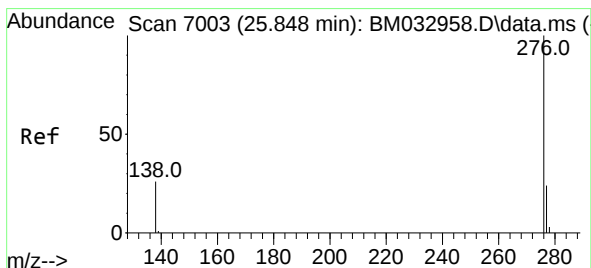
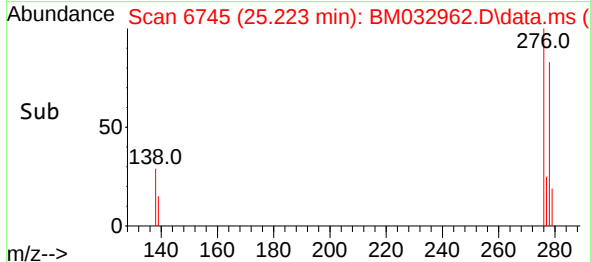
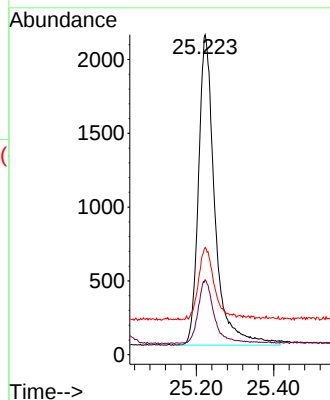
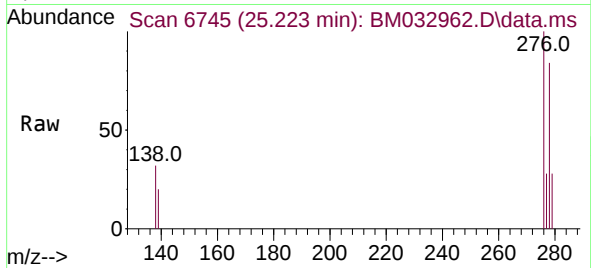




#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 25.223 min Scan# 61
Delta R.T. -0.013 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 6191
Ion Ratio Lower Upper
278 100
139 23.4 18.2 27.2
279 33.5 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 25.850 min Scan# 7004
Delta R.T. -0.011 min
Lab File: BM032962.D
Acq: 10 Nov 2021 20:58

Tgt Ion:276 Resp: 7051
Ion Ratio Lower Upper
276 100
138 28.2 22.2 33.2
277 26.8 21.0 31.4

