

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032734.D
 Acq On : 26 Oct 2021 18:59
 Operator : CG/JU
 Sample : PB140179BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS179

Quant Time: Oct 27 03:03:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 26 17:09:29 2021
 Response via : Initial Calibration

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

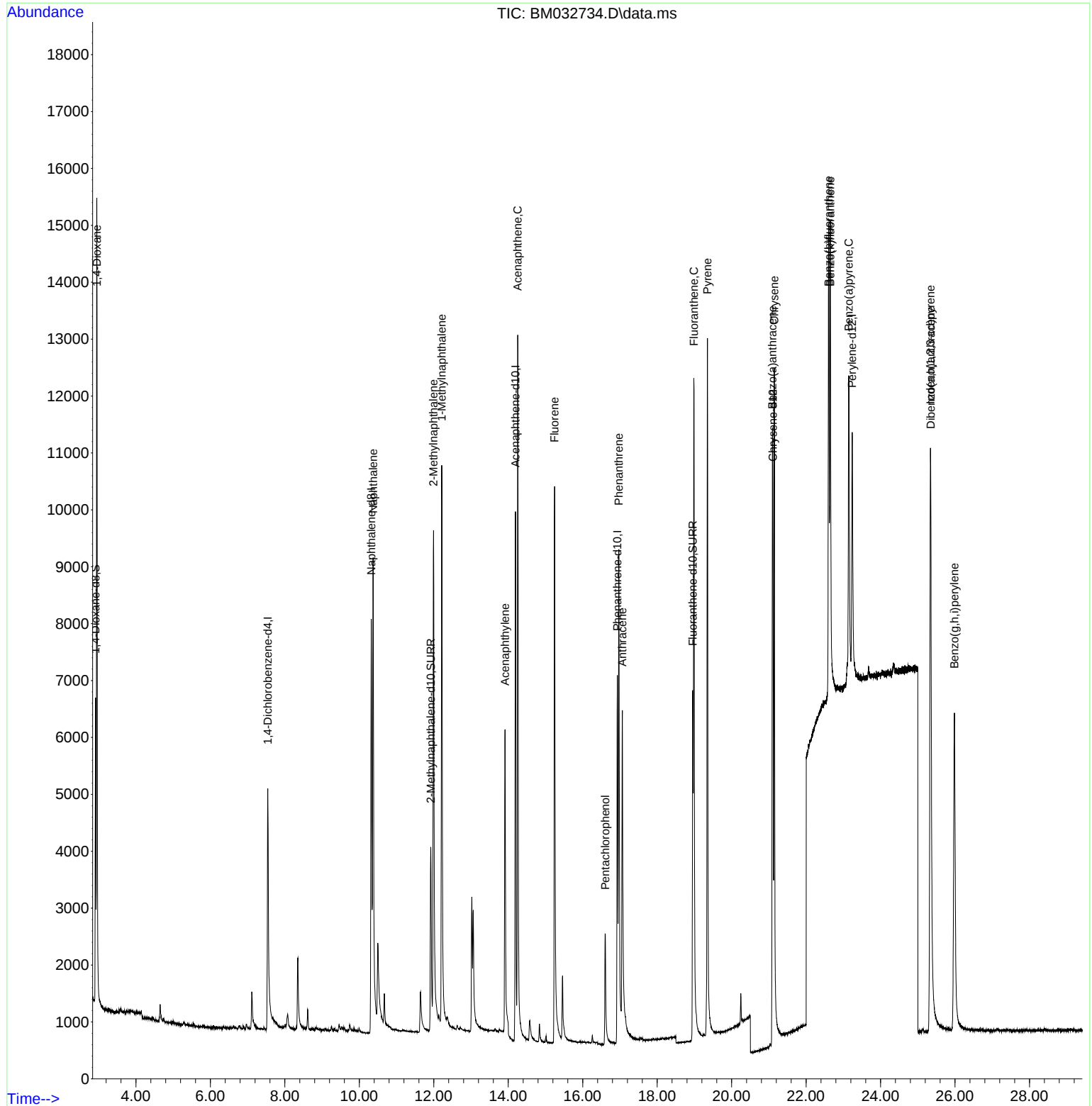
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	3297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	11747	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.194	164	5414	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	8475	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.108	240	6432	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	5887	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.916	96	3211	0.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.918	152	5745	0.367	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	7577	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.951	88	9171	2.253	ng/ul#	80
5) Naphthalene	10.370	128	13728	0.385	ng/ul	100
7) 2-Methylnaphthalene	11.994	142	8073	0.346	ng/ul	100
8) 1-Methylnaphthalene	12.214	142	7577	0.329	ng/ul	100
10) Acenaphthylene	13.915	152	7871	0.341	ng/ul	99
11) Acenaphthene	14.255	153	7914	0.375	ng/ul	98
12) Fluorene	15.244	166	8010	0.337	ng/ul	99
14) Pentachlorophenol	16.606	266	1680	0.771	ng/ul	99
15) Phenanthrene	16.970	178	10641	0.373	ng/ul	100
16) Anthracene	17.064	178	8354	0.334	ng/ul	98
19) Fluoranthene	18.988	202	11163	0.351	ng/ul	99
20) Pyrene	19.351	202	11521	0.352	ng/ul	99
21) Benzo(a)anthracene	21.094	228	8570	0.341	ng/ul	99
22) Chrysene	21.145	228	10953	0.396	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	10796	0.397	ng/ul	86
25) Benzo(k)fluoranthene	22.648	252	12058	0.445	ng/ul#	87
26) Benzo(a)pyrene	23.147	252	8918	0.391	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.340	276	12164	0.436	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.347	278	9605	0.437	ng/ul#	93
29) Benzo(g,h,i)perylene	25.984	276	11515	0.474	ng/ul	98

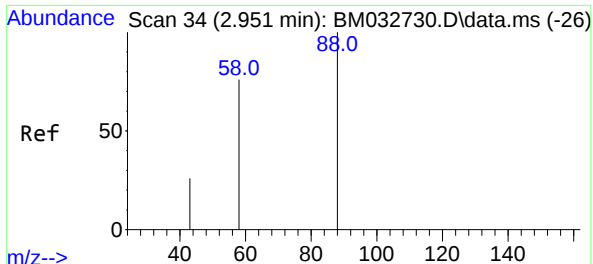
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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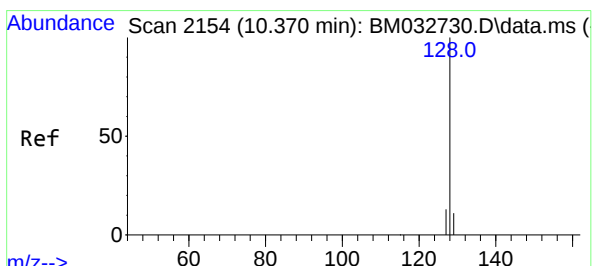
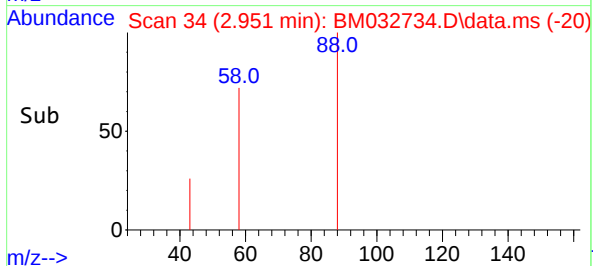
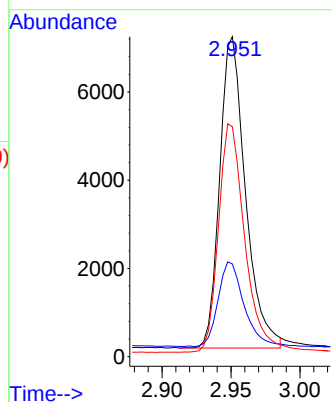
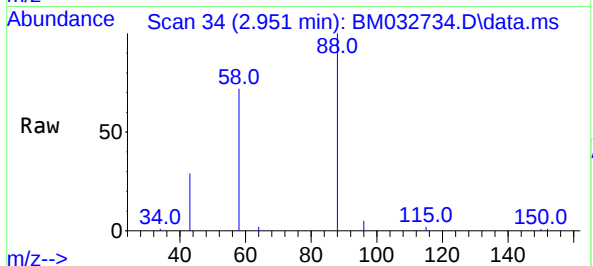




#2
1,4-Dioxane
Concen: 2.253 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

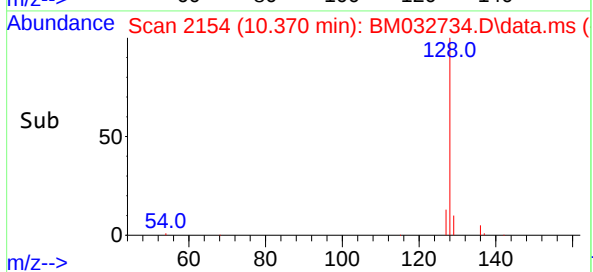
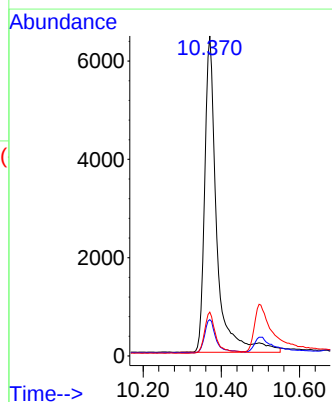
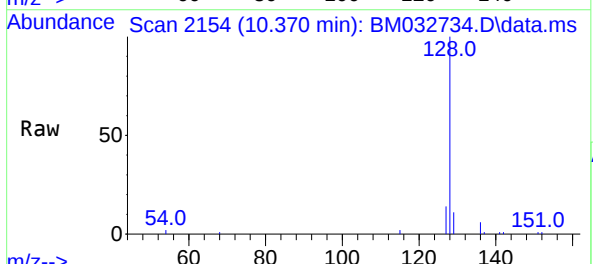
Instrument :
BNA_M
ClientSampled :
SLCS179

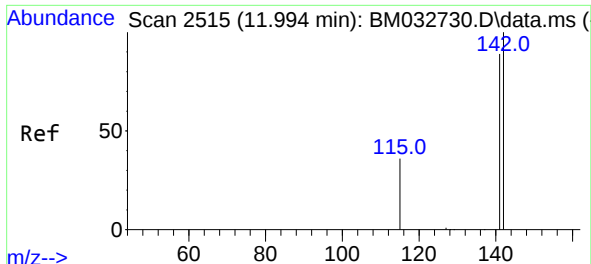
Tgt Ion: 88 Resp: 9171
Ion Ratio Lower Upper
88 100
43 29.0 46.6 69.8#
58 71.8 60.7 91.1



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.370 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:128 Resp: 13728
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 11.1 16.7

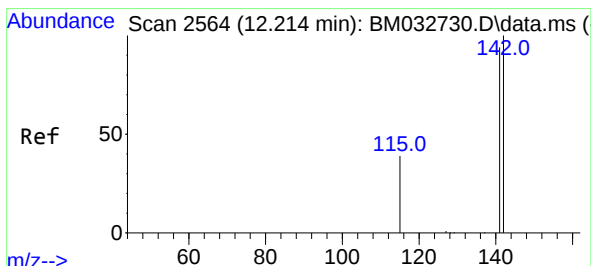
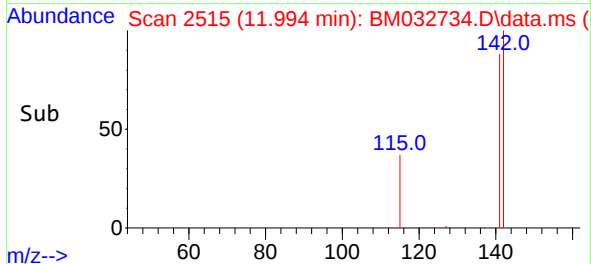
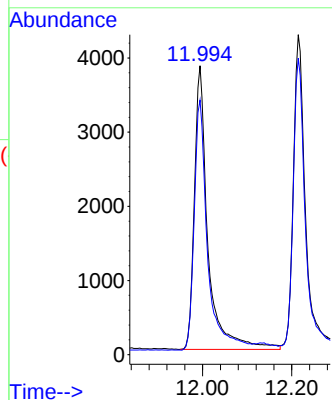
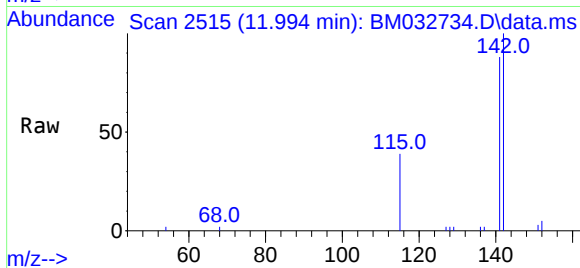




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 11.994 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

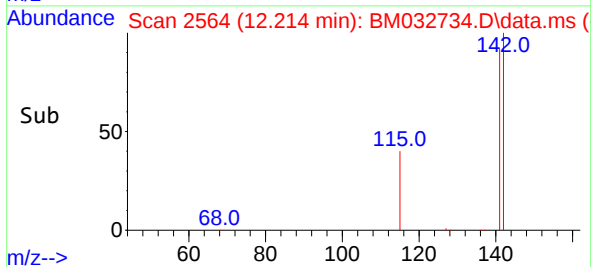
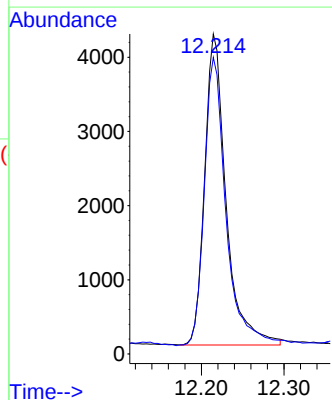
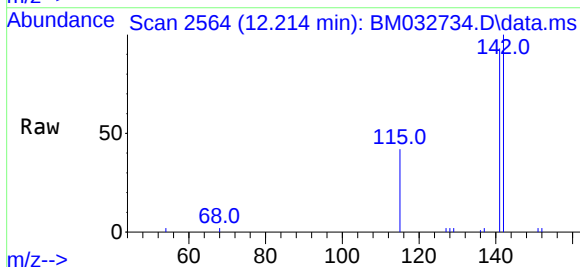
Instrument :
BNA_M
ClientSampleId :
SLCS179

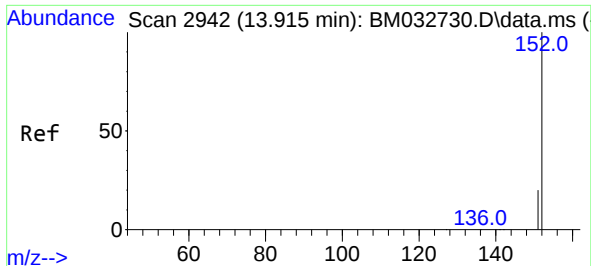
Tgt Ion:142 Resp: 8073
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.214 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:142 Resp: 7577
Ion Ratio Lower Upper
142 100
141 93.9 74.9 112.3

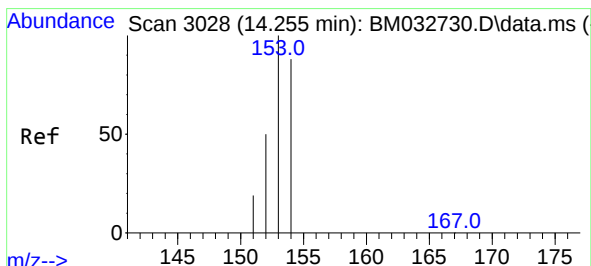
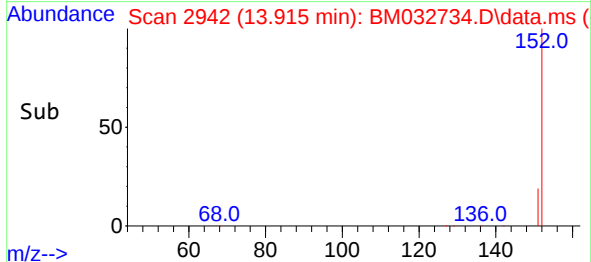
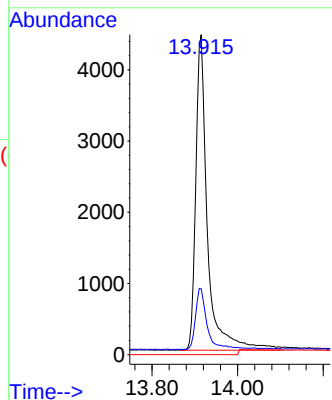
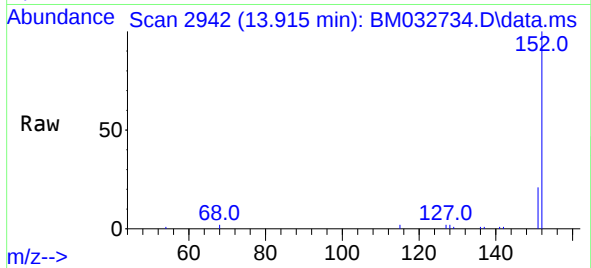




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.915 min Scan# 2942
Delta R.T. 0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

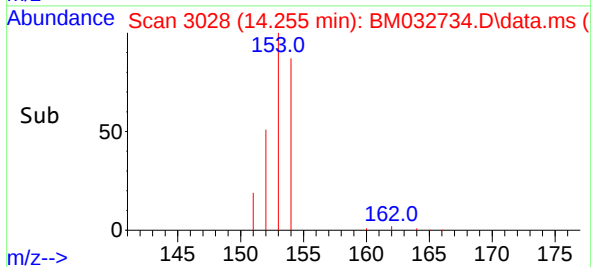
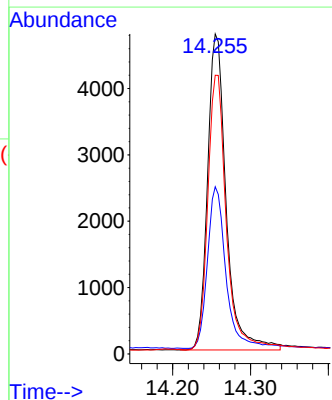
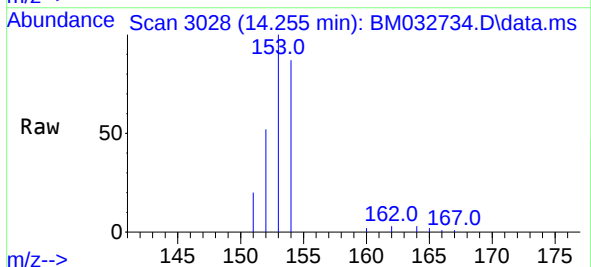
Instrument :
BNA_M
ClientSampled :
SLCS179

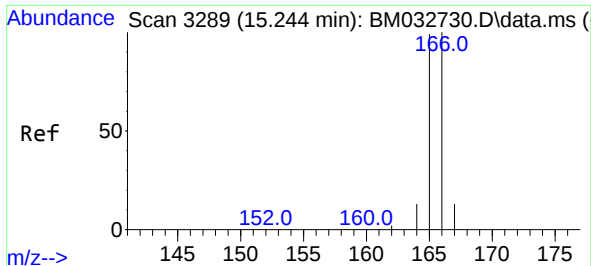
Tgt Ion:152 Resp: 7871
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.255 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:153 Resp: 7914
Ion Ratio Lower Upper
153 100
152 52.3 40.4 60.6
154 87.1 70.8 106.2

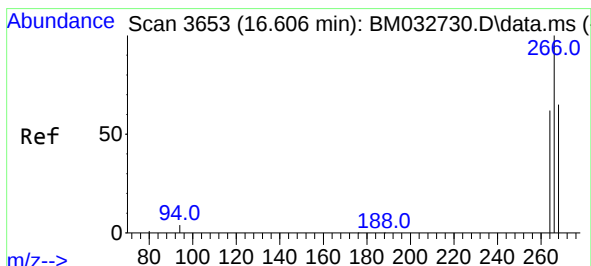
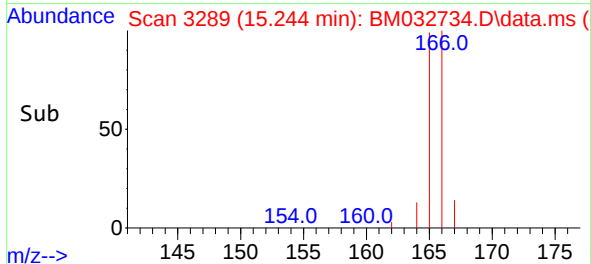
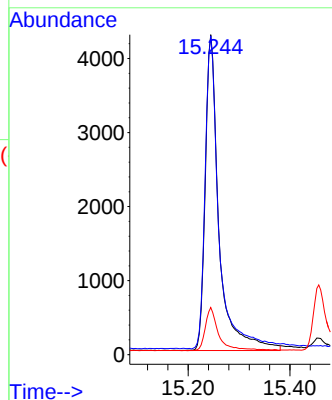
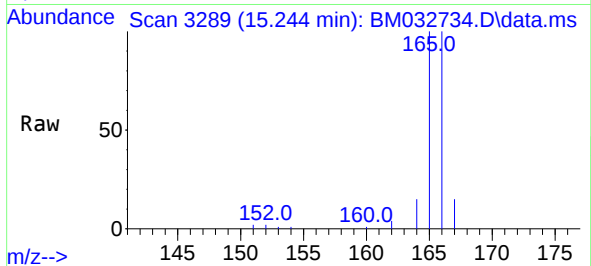




#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.244 min Scan# 3289
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

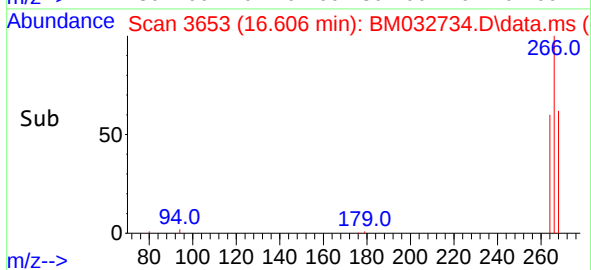
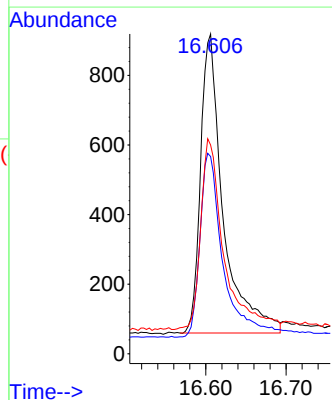
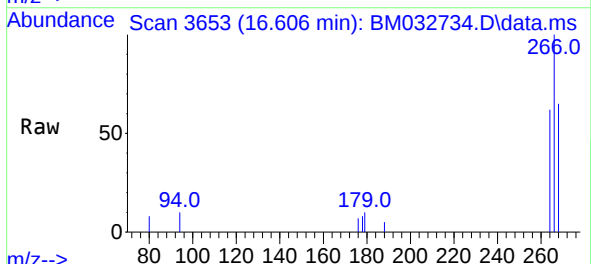
Instrument :
BNA_M
ClientSampleId :
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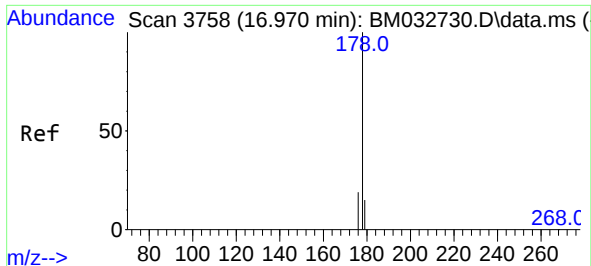
Tgt Ion:166 Resp: 8010
Ion Ratio Lower Upper
166 100
165 99.7 80.7 121.1
167 14.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.771 ng/ul
RT: 16.606 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:266 Resp: 1680
Ion Ratio Lower Upper
266 100
264 63.0 50.8 76.2
268 64.2 50.2 75.2

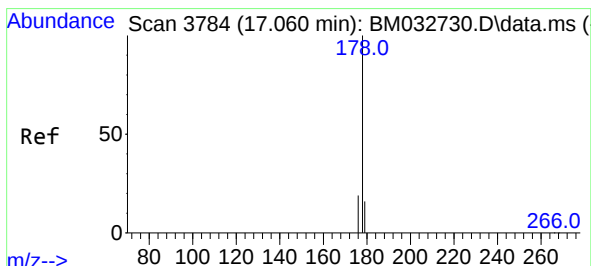
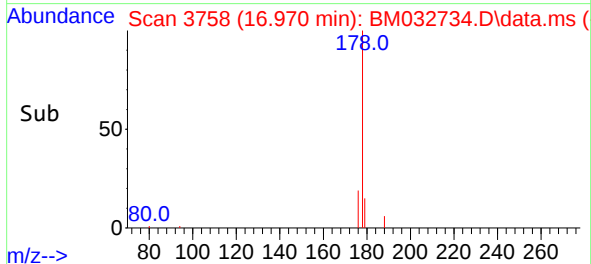
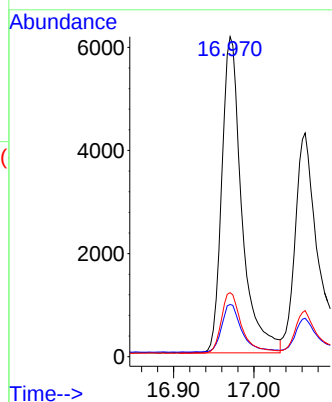
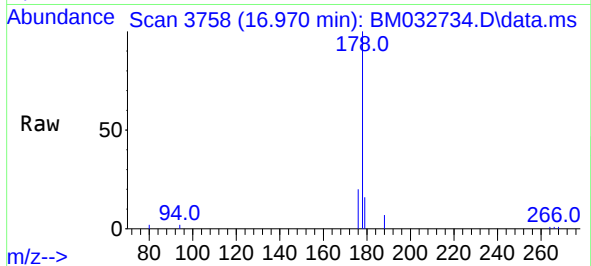




#15
Phenanthrene
Concen: 0.373 ng/u1
RT: 16.970 min Scan# 3758
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

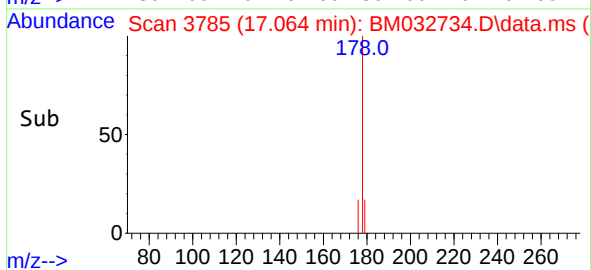
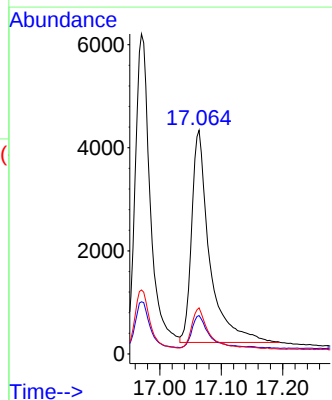
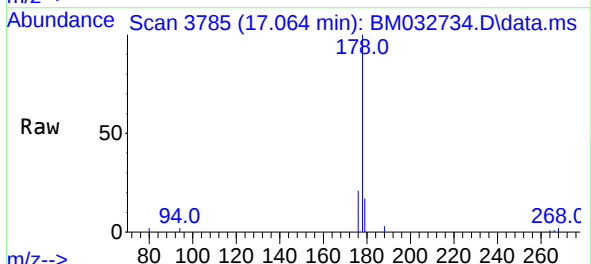
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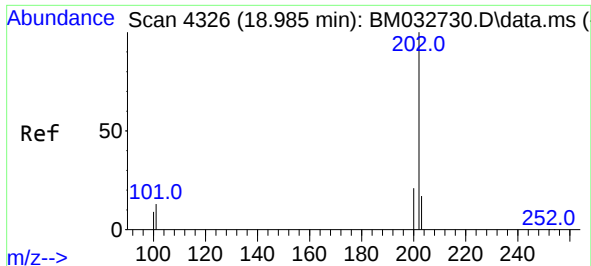
Tgt Ion:178	Resp:	10641
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.9 19.3
176	20.0	16.1 24.1



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.064 min Scan# 3785
Delta R.T. 0.003 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:178	Resp:	8354
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.9 19.3
176	20.6	15.8 23.6

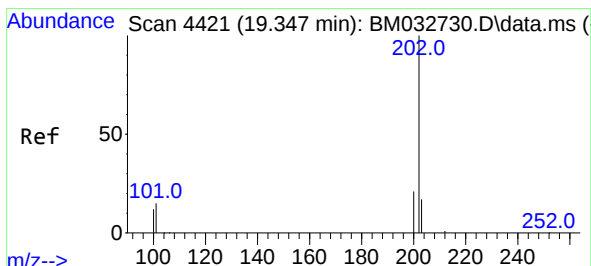
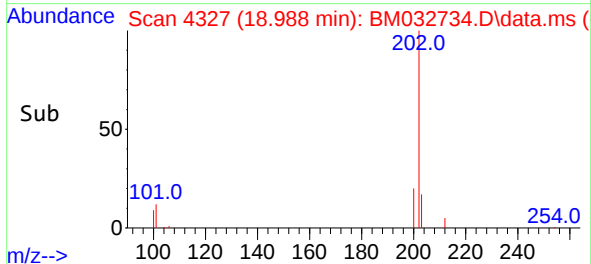
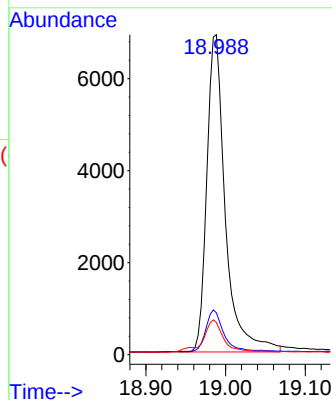
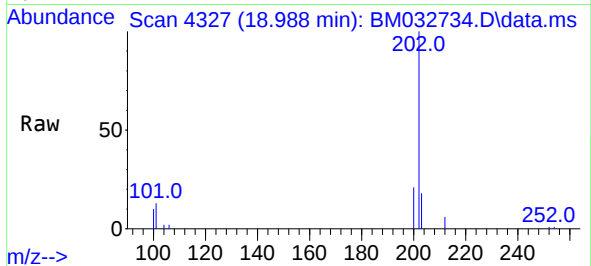




#19
Fluoranthene
Concen: 0.351 ng/u1
RT: 18.988 min Scan# 4327
Delta R.T. 0.004 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

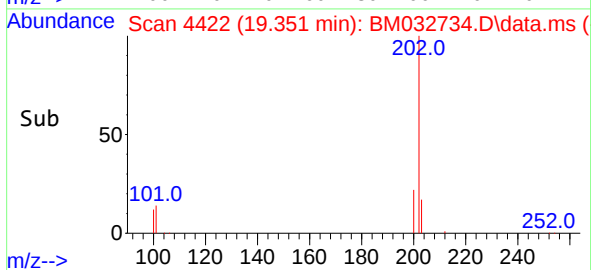
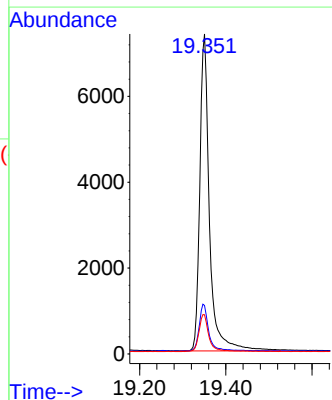
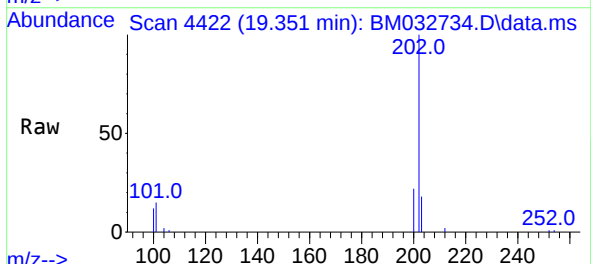
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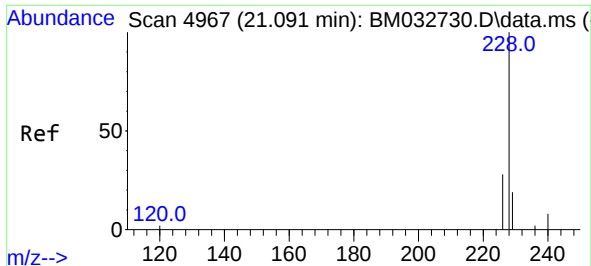
Tgt Ion:202 Resp: 11163
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 10.1 7.8 11.8



#20
Pyrene
Concen: 0.352 ng/u1
RT: 19.351 min Scan# 4422
Delta R.T. 0.004 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:202 Resp: 11521
Ion Ratio Lower Upper
202 100
101 15.1 12.3 18.5
100 12.2 10.1 15.1



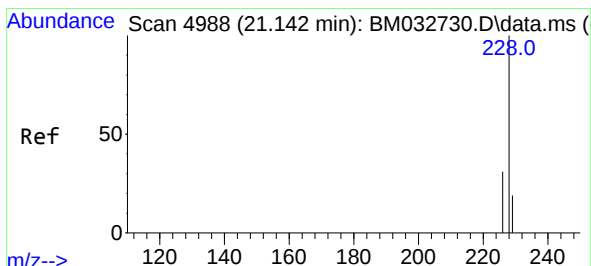
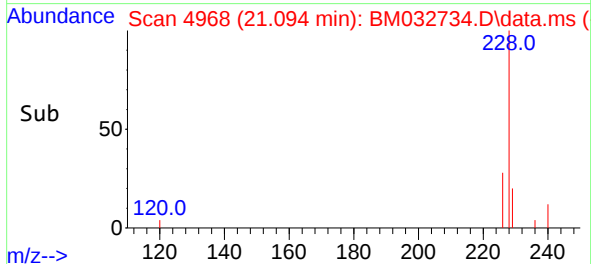
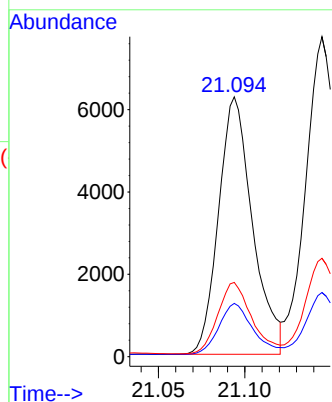
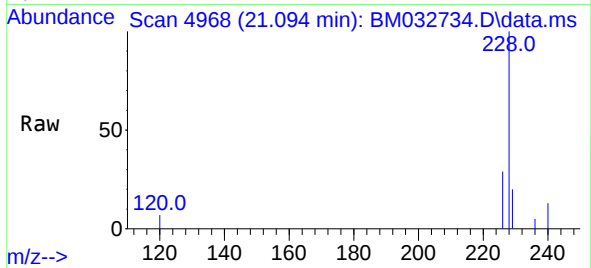


#21
Benzo(a)anthracene
Concen: 0.341 ng/u1
RT: 21.094 min Scan# 4968
Delta R.T. 0.002 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Instrument :
BNA_M
ClientSampled :
SLCS179

Tgt Ion:228 Resp: 8570

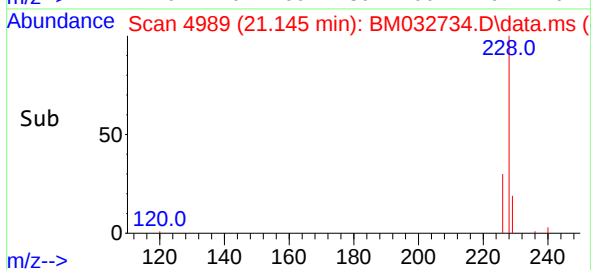
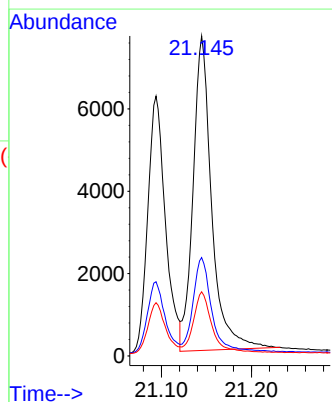
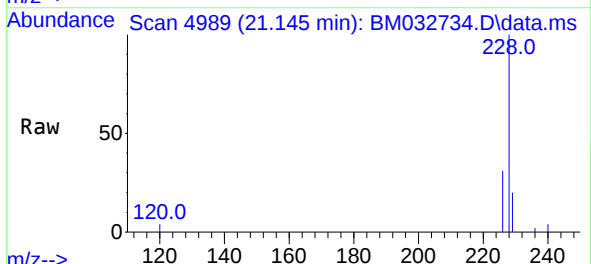
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	28.5	22.4	33.6

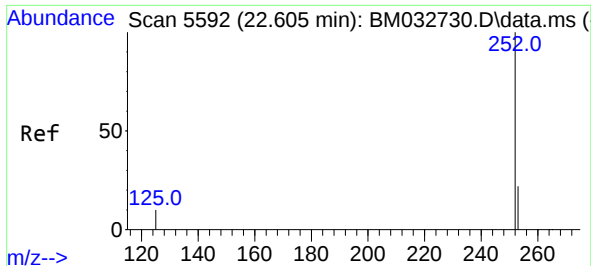


#22
Chrysene
Concen: 0.396 ng/u1
RT: 21.145 min Scan# 4989
Delta R.T. 0.002 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:228 Resp: 10953

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	20.0	15.7	23.5

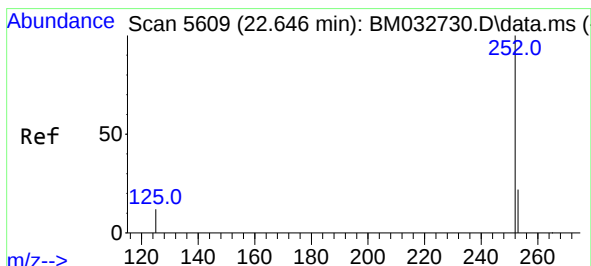
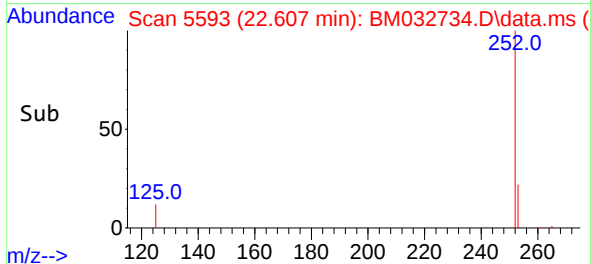
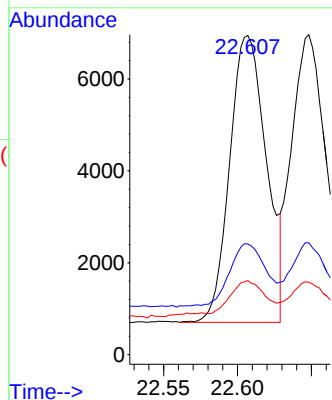
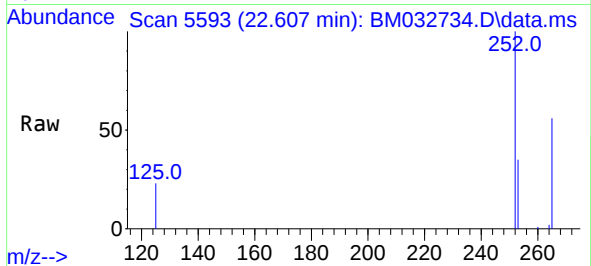




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.607 min Scan# 5593
Delta R.T. 0.002 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

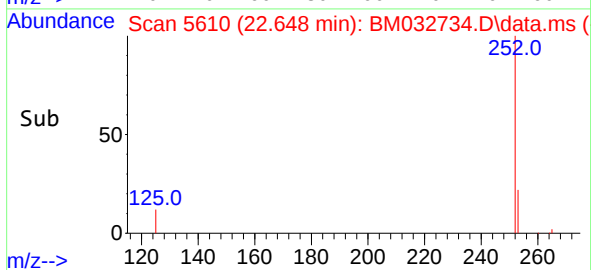
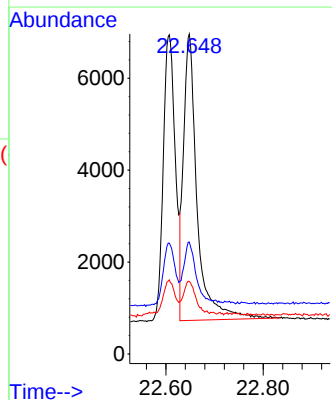
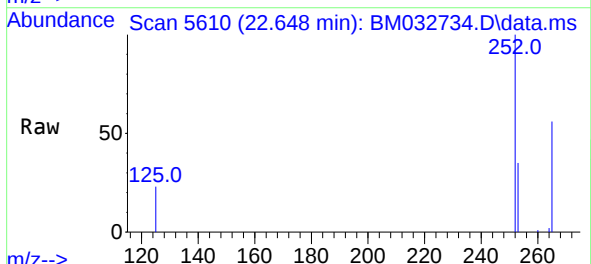
Instrument :
BNA_M
ClientSampled :
SLCS179

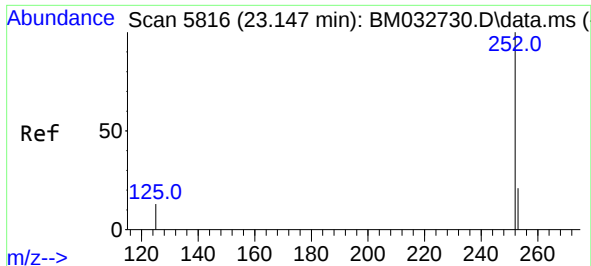
Tgt Ion:252 Resp: 10796
Ion Ratio Lower Upper
252 100
253 34.7 0.0 53.8
125 23.2 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 22.648 min Scan# 5610
Delta R.T. 0.002 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:252 Resp: 12058
Ion Ratio Lower Upper
252 100
253 35.0 21.8 32.6#
125 22.7 14.4 21.6#

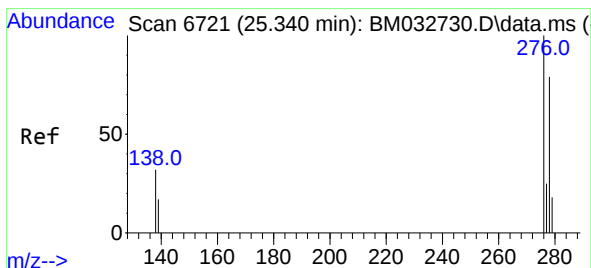
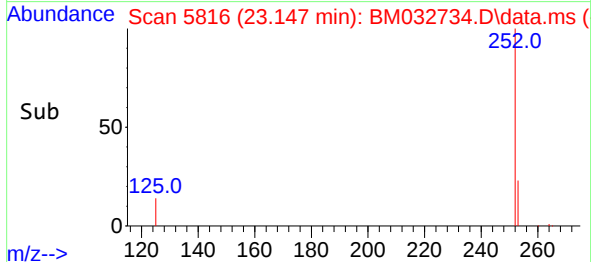
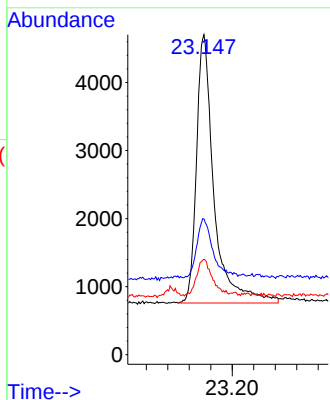
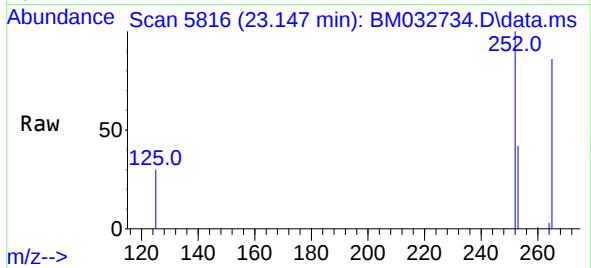




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.147 min Scan# 5816
Delta R.T. 0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

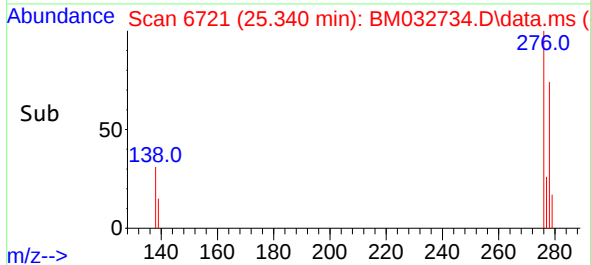
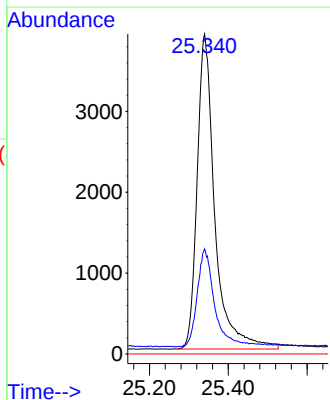
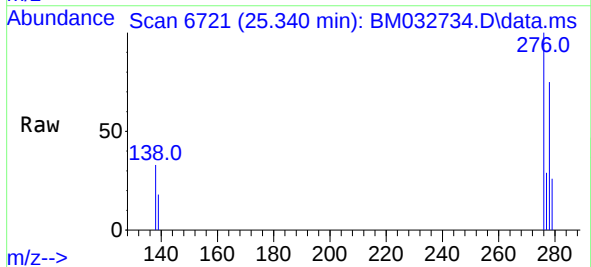
Instrument :
BNA_M
ClientSampleId :
SLCS179

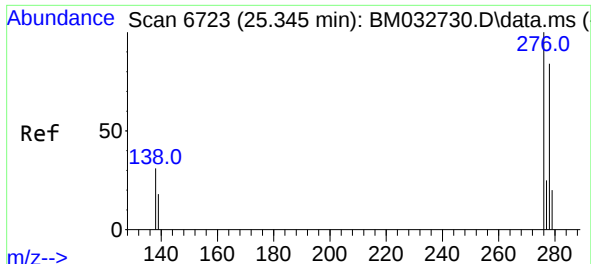
Tgt Ion:252 Resp: 8918
Ion Ratio Lower Upper
252 100
253 42.4 23.6 35.4#
125 29.9 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 25.340 min Scan# 6721
Delta R.T. -0.000 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:276 Resp: 12164
Ion Ratio Lower Upper
276 100
138 30.7 24.9 37.3
227 0.0 0.0 0.0

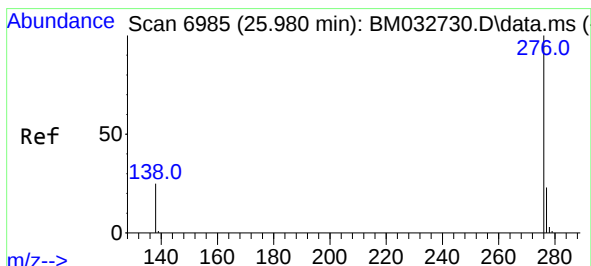
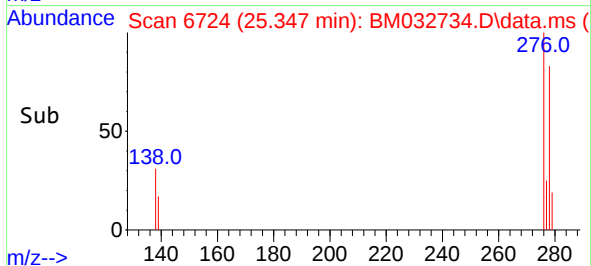
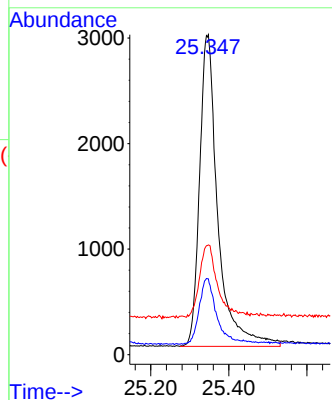
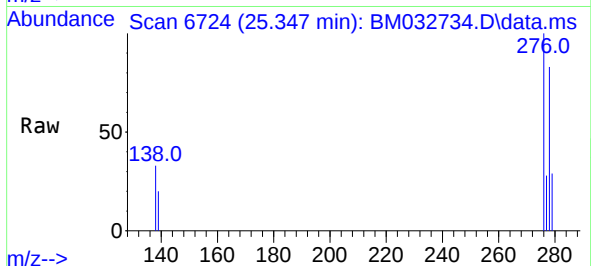




#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 25.347 min Scan# 6724
Delta R.T. 0.002 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Instrument :
BNA_M
ClientSampleId :
SLCS179

Tgt Ion:278 Resp: 9605
Ion Ratio Lower Upper
278 100
139 23.7 18.6 28.0
279 34.3 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.474 ng/ul
RT: 25.984 min Scan# 6987
Delta R.T. 0.005 min
Lab File: BM032734.D
Acq: 26 Oct 2021 18:59

Tgt Ion:276 Resp: 11515
Ion Ratio Lower Upper
276 100
138 28.0 22.6 33.8
277 26.6 19.9 29.9

