

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032733.D
 Acq On : 26 Oct 2021 18:22
 Operator : CG/JU
 Sample : PB140169BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Quant Time: Oct 26 18:52:34 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)

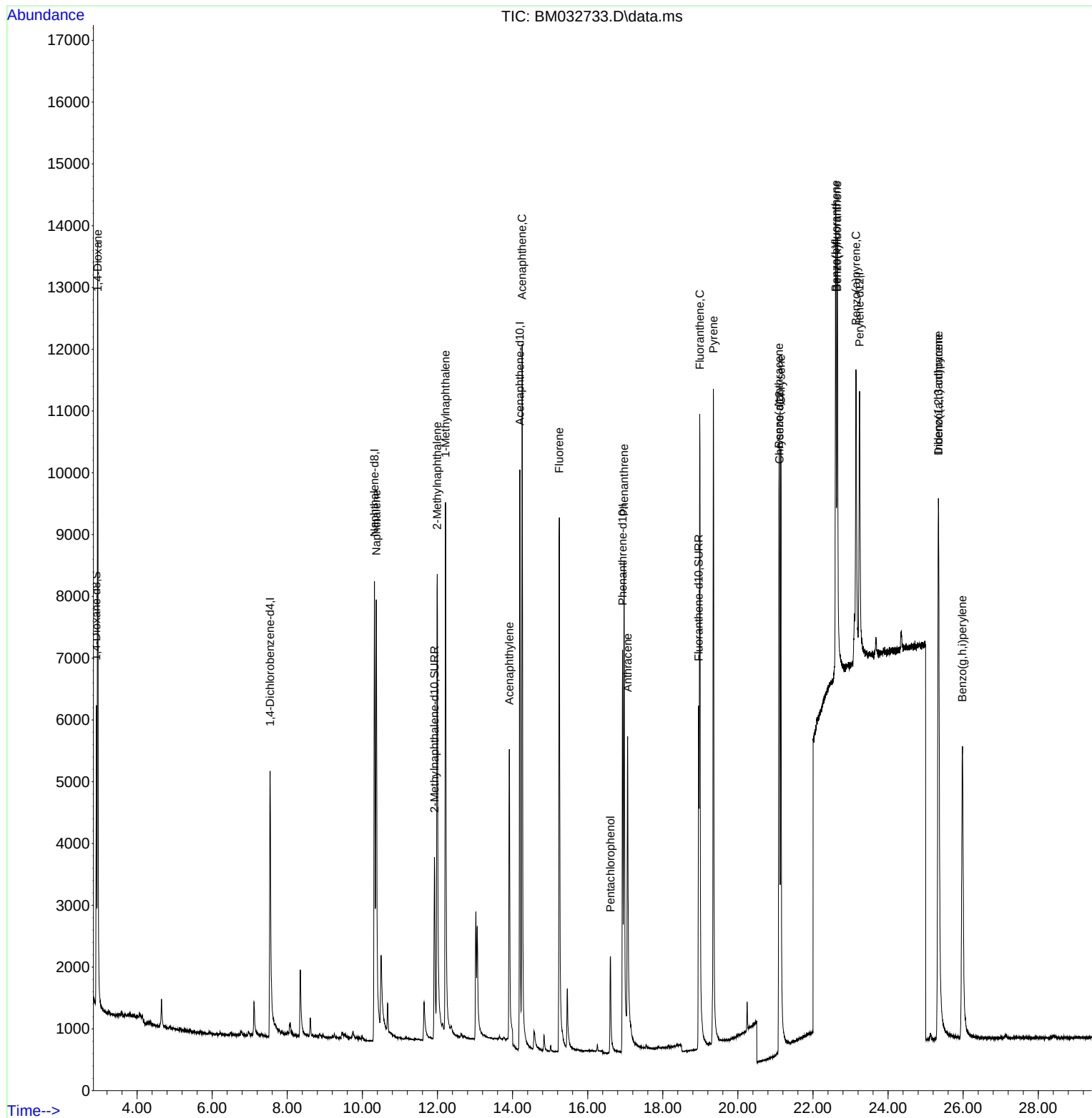
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	3336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	11842	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.194	164	5497	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	8601	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.109	240	6389	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	5890	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	2845	0.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.918	152	5286	0.335	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	6833	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.951	88	7881	1.913	ng/ul#	81
5) Naphthalene	10.371	128	12049	0.335	ng/ul	100
7) 2-Methylnaphthalene	11.994	142	7103	0.302	ng/ul	99
8) 1-Methylnaphthalene	12.215	142	6715	0.289	ng/ul	100
10) Acenaphthylene	13.915	152	7063	0.301	ng/ul	100
11) Acenaphthene	14.255	153	7033	0.329	ng/ul	99
12) Fluorene	15.244	166	7105	0.295	ng/ul	99
14) Pentachlorophenol	16.606	266	1371	0.620	ng/ul	98
15) Phenanthrene	16.970	178	9365	0.324	ng/ul	99
16) Anthracene	17.064	178	7356	0.290	ng/ul	98
19) Fluoranthene	18.985	202	9779	0.309	ng/ul	99
20) Pyrene	19.351	202	10139	0.312	ng/ul	98
21) Benzo(a)anthracene	21.094	228	7414	0.297	ng/ul	99
22) Chrysene	21.145	228	9458	0.344	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	9422	0.346	ng/ul	83
25) Benzo(k)fluoranthene	22.646	252	10441	0.385	ng/ul#	83
26) Benzo(a)pyrene	23.145	252	7706	0.338	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.340	276	10588	0.380	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.343	278	8317	0.378	ng/ul#	91
29) Benzo(g,h,i)perylene	25.980	276	9996	0.411	ng/ul	97

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

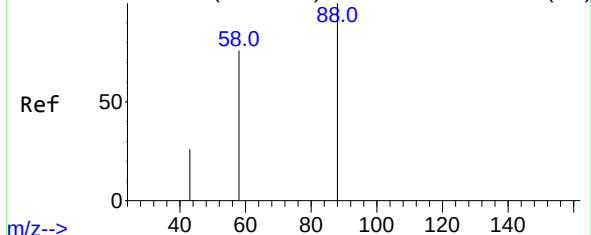
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032733.D
Acq On : 26 Oct 2021 18:22
Operator : CG/JU
Sample : PB140169BS
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Instrument :
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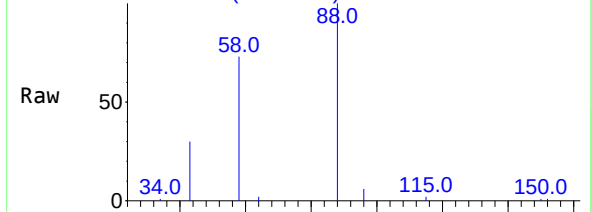
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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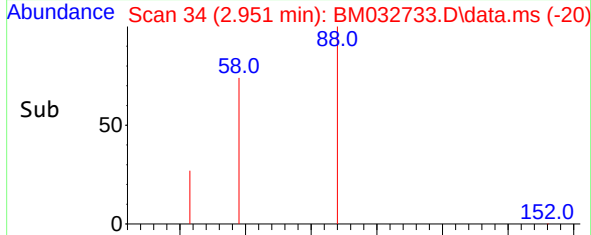
Abundance Scan 34 (2.951 min): BM032730.D\data.ms (-26)



m/z-->



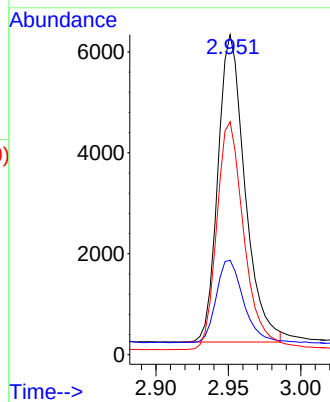
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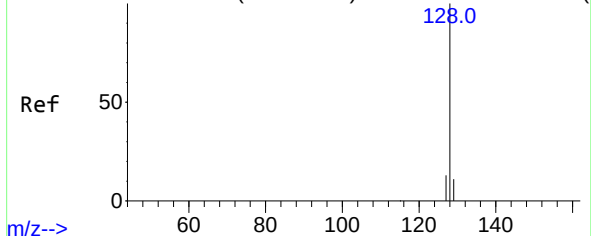
m/z-->

#2
1,4-Dioxane
Concen: 1.913 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

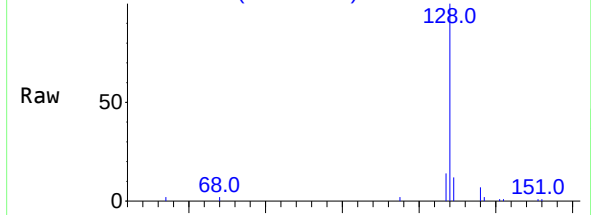
Tgt Ion:	88	Resp:	7881
Ion	Ratio	Lower	Upper
88	100		
43	29.5	46.6	69.8#
58	72.8	60.7	91.1



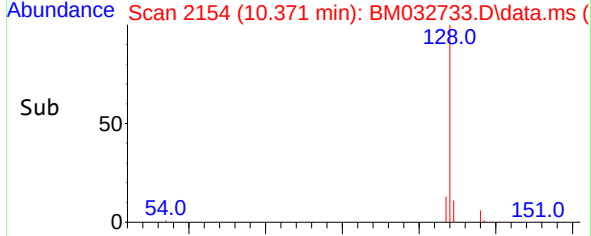
Abundance Scan 2154 (10.370 min): BM032730.D\data.ms (-20)



m/z-->



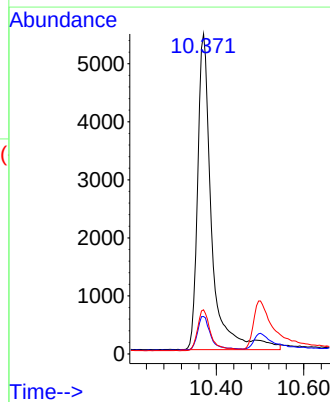
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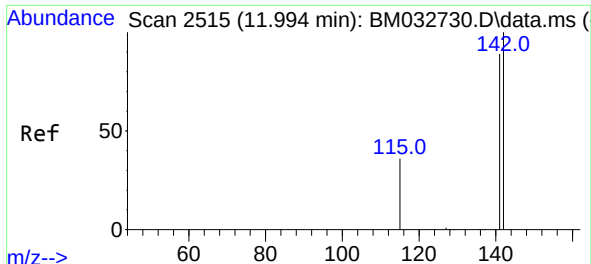


m/z-->

#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.371 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:	128	Resp:	12049
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.8	11.1	16.7

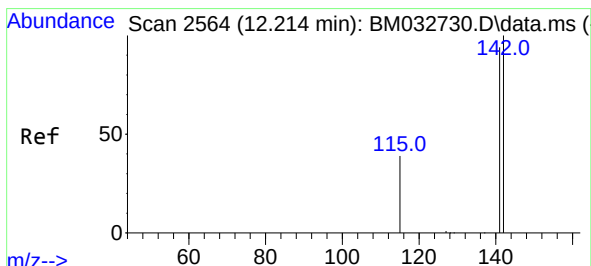
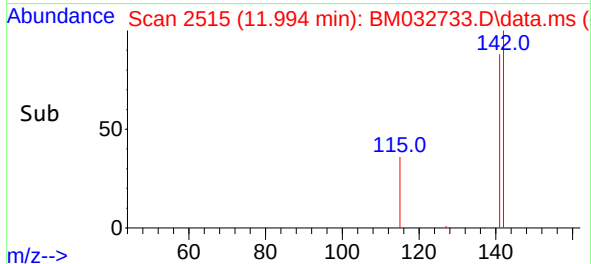
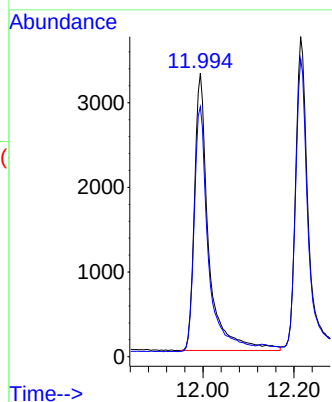
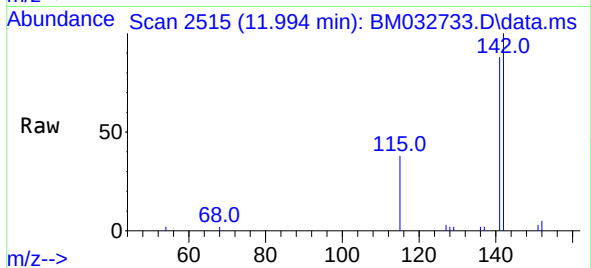




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 11.994 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

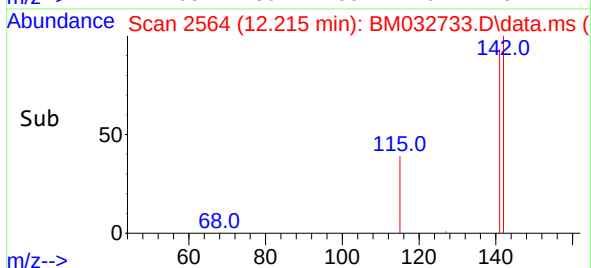
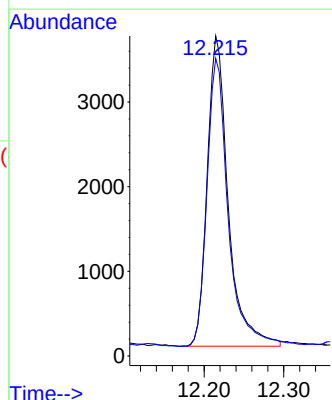
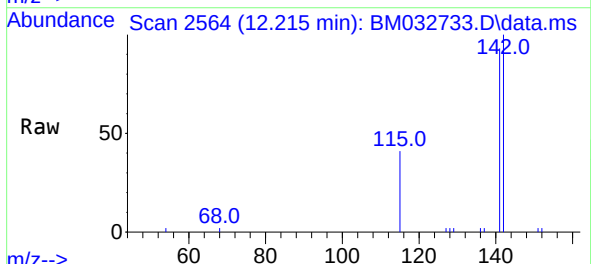
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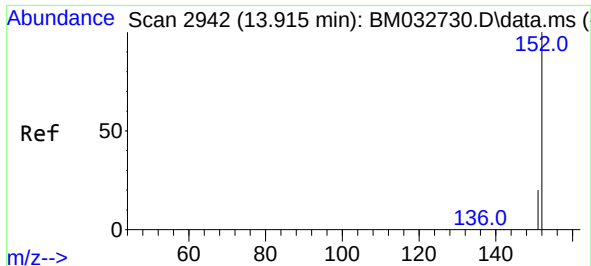
Tgt Ion:142 Resp: 7103
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.215 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:142 Resp: 6715
Ion Ratio Lower Upper
142 100
141 93.6 74.9 112.3

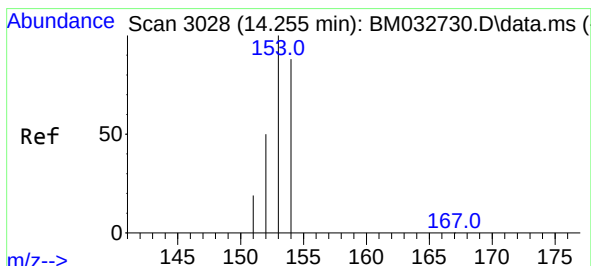
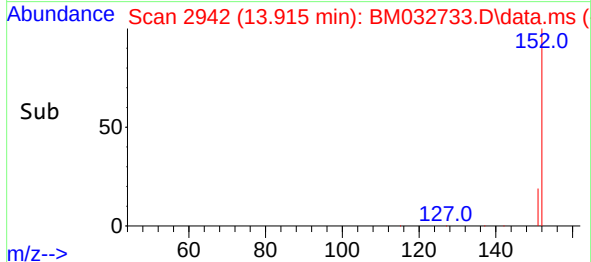
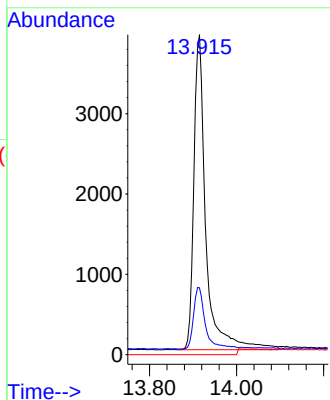
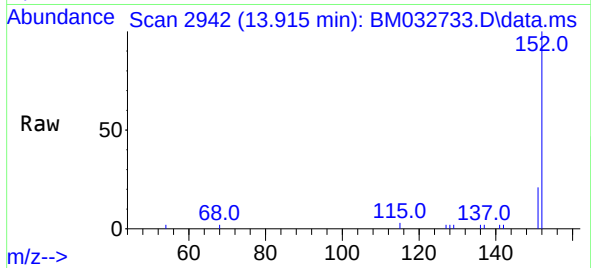




#10
Acenaphthylene
Concen: 0.301 ng/u1
RT: 13.915 min Scan# 2942
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

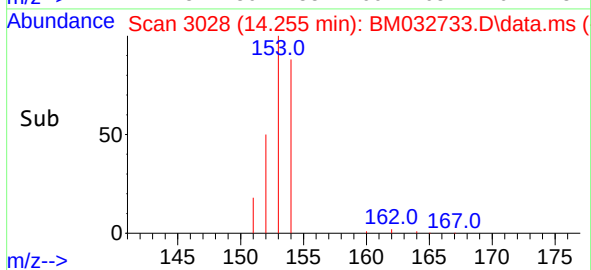
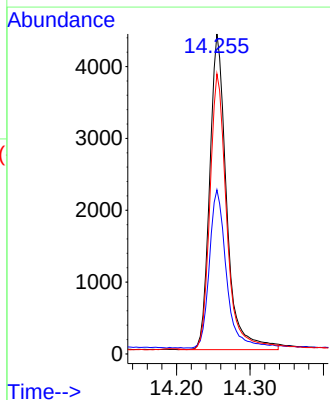
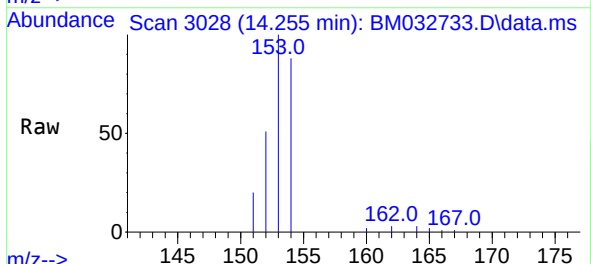
Instrument :
BNA_M
ClientSampleId :
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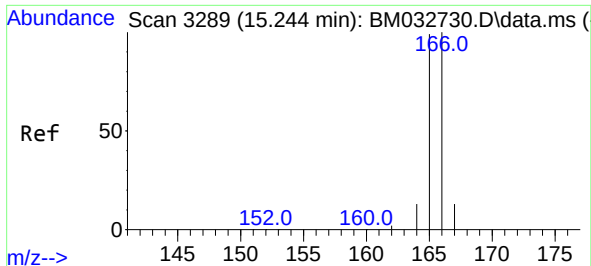
Tgt Ion:152 Resp: 7063
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.329 ng/u1
RT: 14.255 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:153 Resp: 7033
Ion Ratio Lower Upper
153 100
152 51.3 40.4 60.6
154 87.6 70.8 106.2

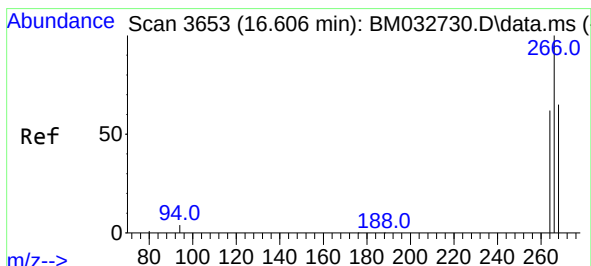
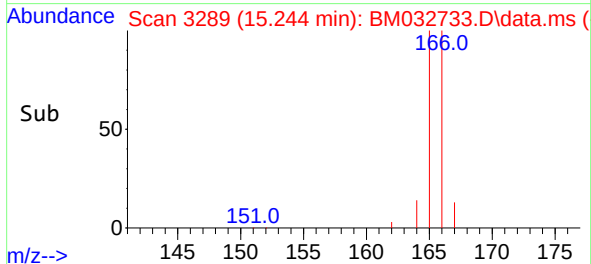
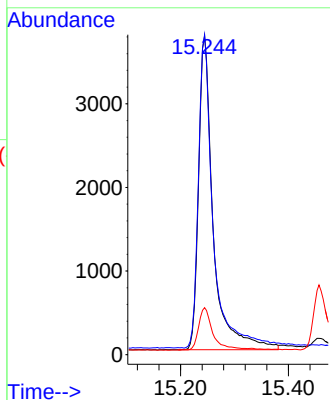
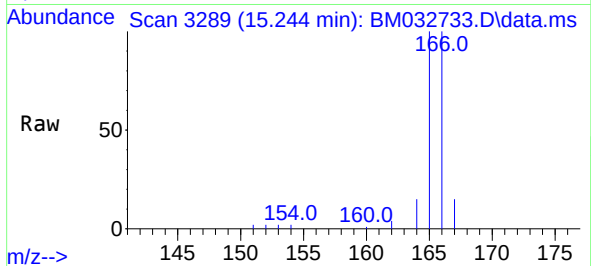




#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.244 min Scan# 3289
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

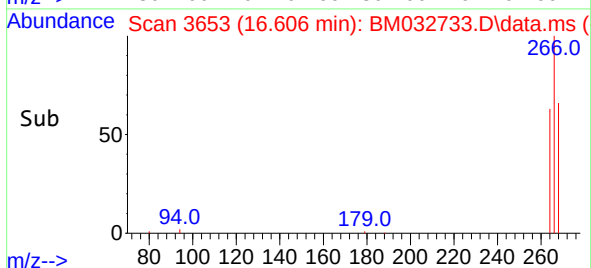
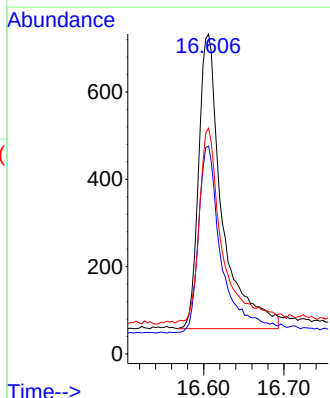
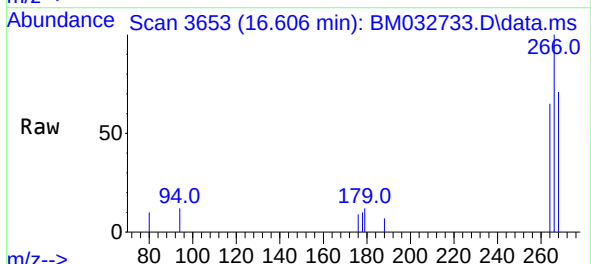
Instrument :
BNA_M
ClientSampleId :
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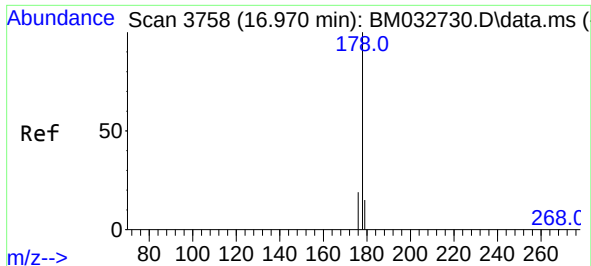
Tgt Ion:	166	Resp:	7105
Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.7	121.1
167	14.8	11.2	16.8



#14
Pentachlorophenol
Concen: 0.620 ng/ul
RT: 16.606 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:	266	Resp:	1371
Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.8	76.2
268	64.3	50.2	75.2

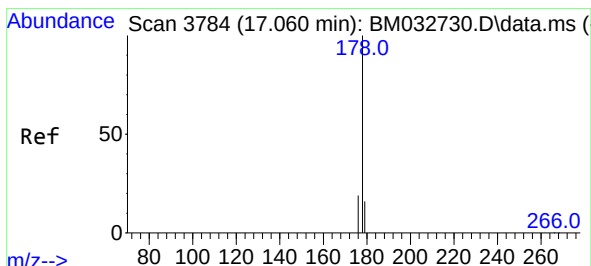
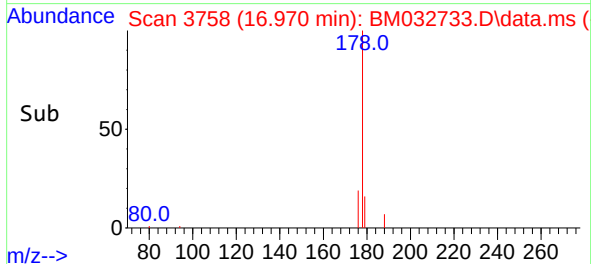
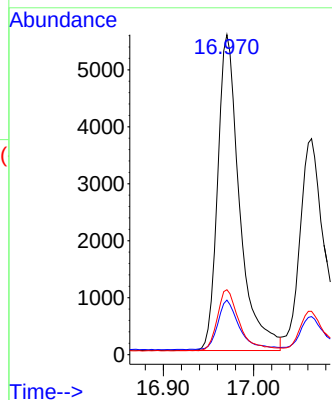
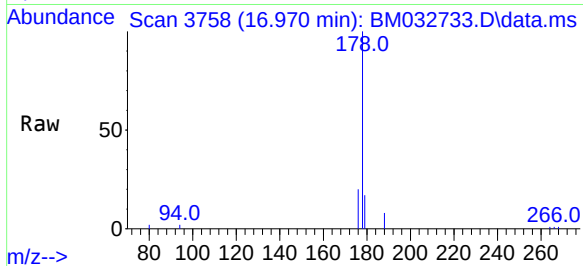




#15
Phenanthrene
Concen: 0.324 ng/u1
RT: 16.970 min Scan# 3758
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

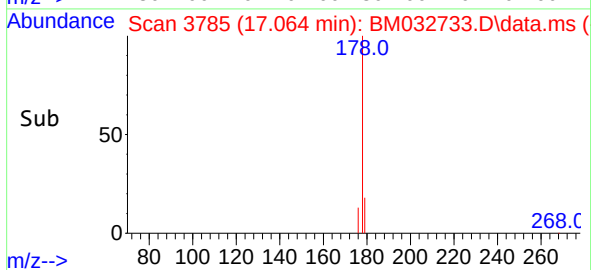
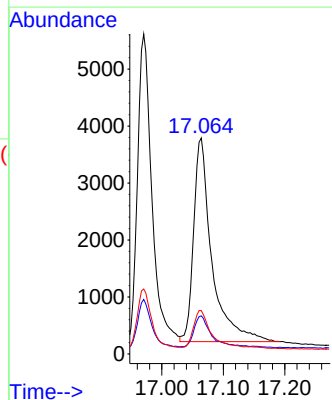
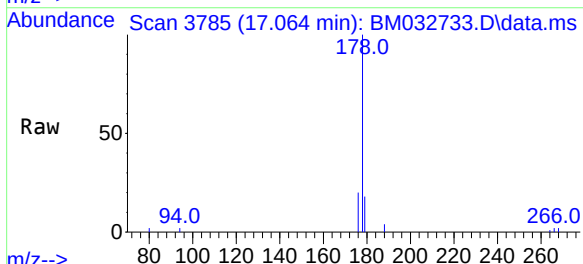
Instrument :
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ClientSampleId :
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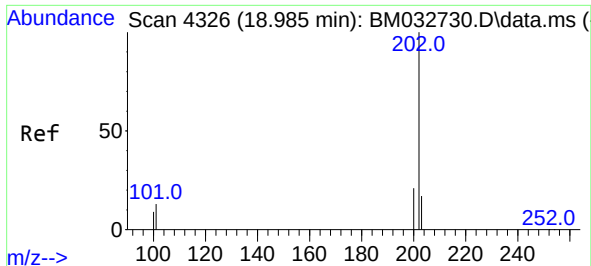
Tgt Ion:	178	Resp:	9365
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.9	19.3
176	20.3	16.1	24.1



#16
Anthracene
Concen: 0.290 ng/u1
RT: 17.064 min Scan# 3785
Delta R.T. 0.004 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:	178	Resp:	7356
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.9	19.3
176	20.0	15.8	23.6

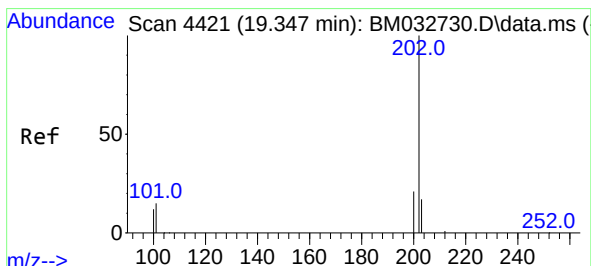
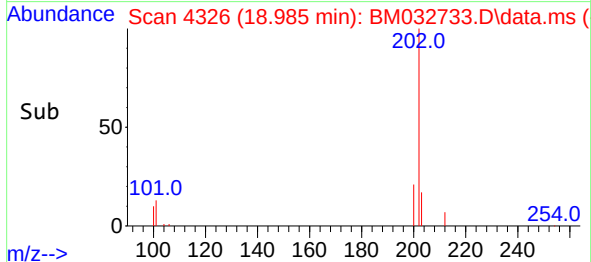
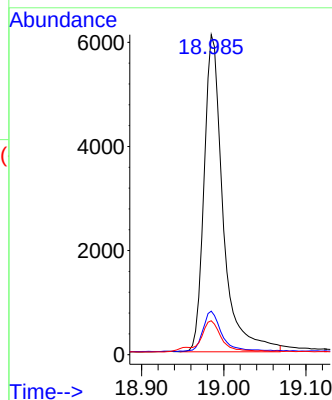
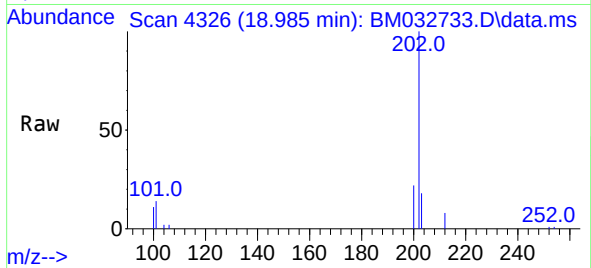




#19
Fluoranthene
Concen: 0.309 ng/u1
RT: 18.985 min Scan# 4326
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

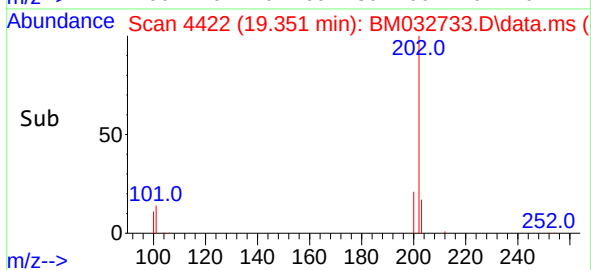
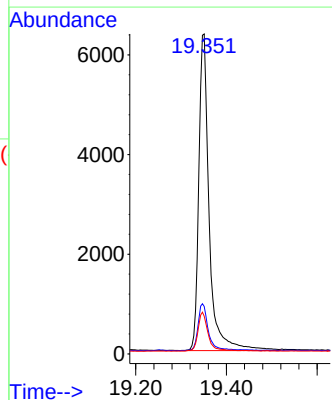
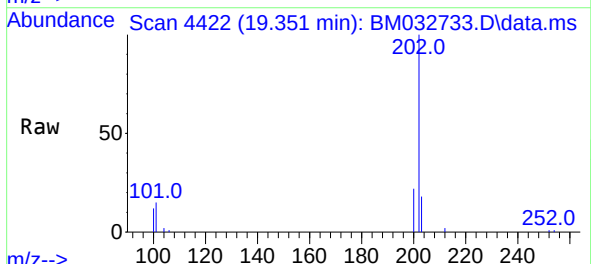
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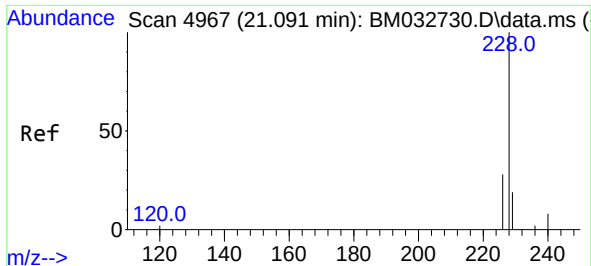
Tgt Ion:202	Resp:	9779
Ion Ratio	Lower	Upper
202	100	
101	13.6	10.6 16.0
100	10.6	7.8 11.8



#20
Pyrene
Concen: 0.312 ng/u1
RT: 19.351 min Scan# 4422
Delta R.T. 0.004 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:202	Resp:	10139
Ion Ratio	Lower	Upper
202	100	
101	14.9	12.3 18.5
100	11.8	10.1 15.1



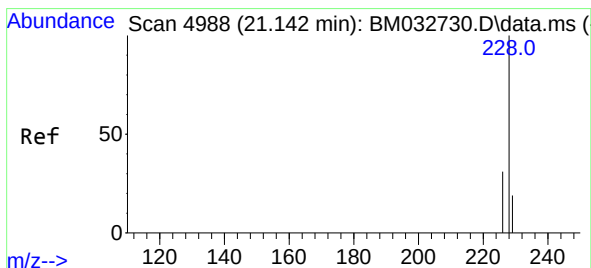
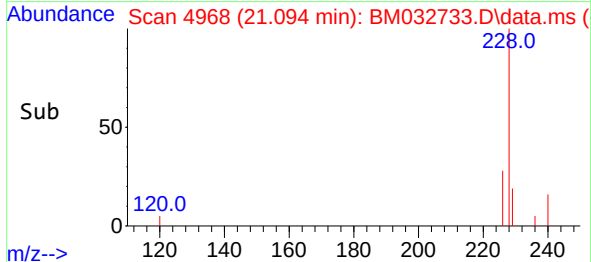
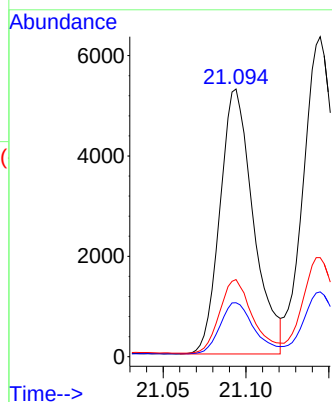
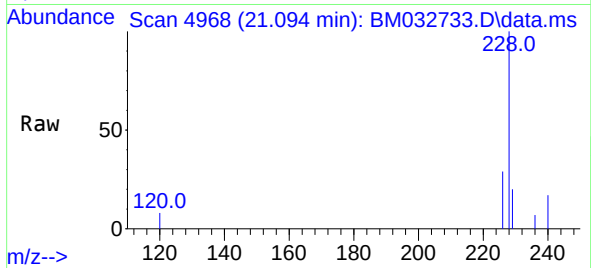


#21
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.094 min Scan# 4968
Delta R.T. 0.003 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 7414

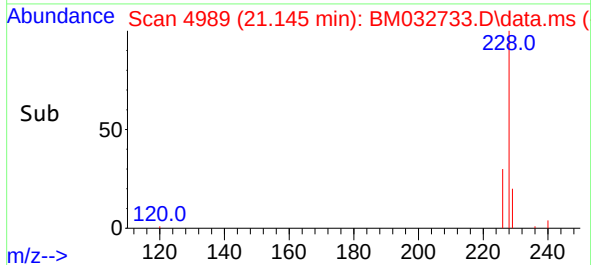
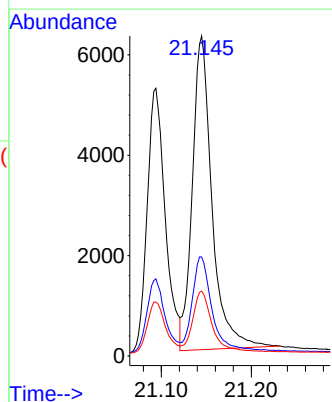
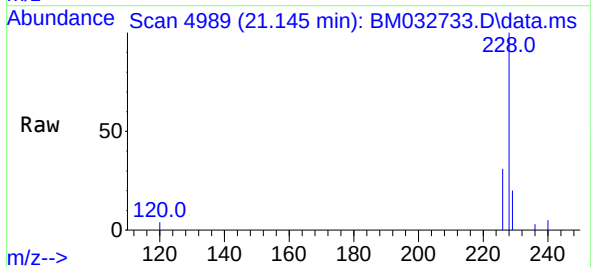
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	28.8	22.4	33.6

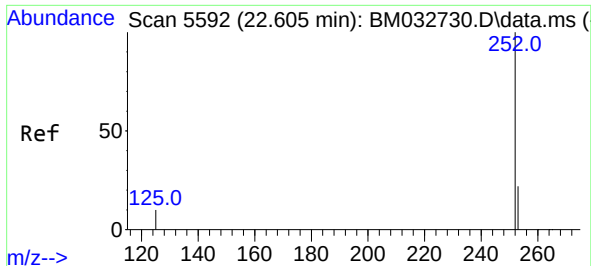


#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.145 min Scan# 4989
Delta R.T. 0.003 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:228 Resp: 9458

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.1	37.7
229	20.2	15.7	23.5

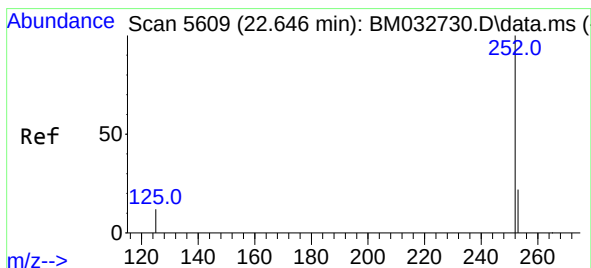
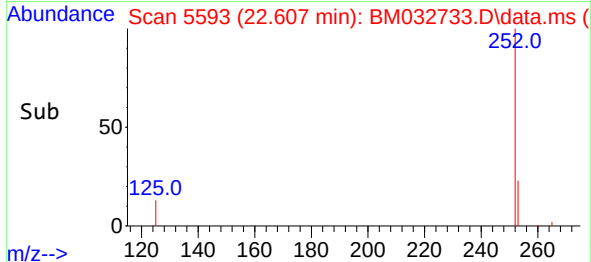
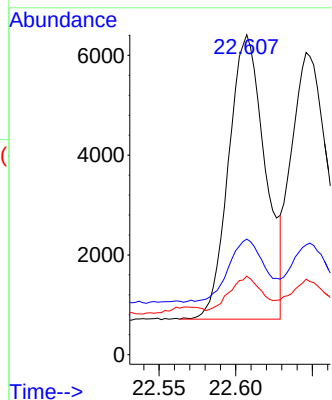
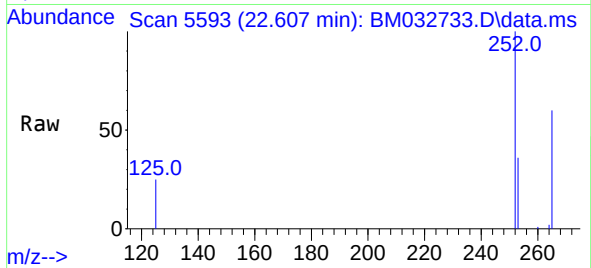




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.607 min Scan# 5593
Delta R.T. 0.003 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

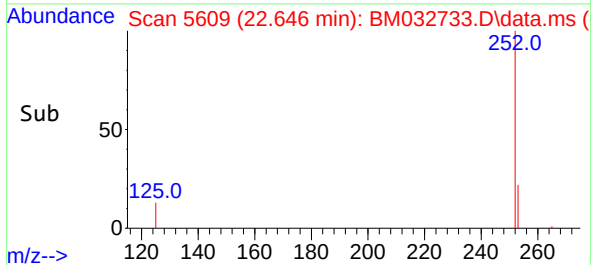
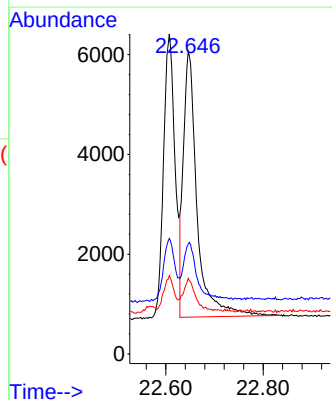
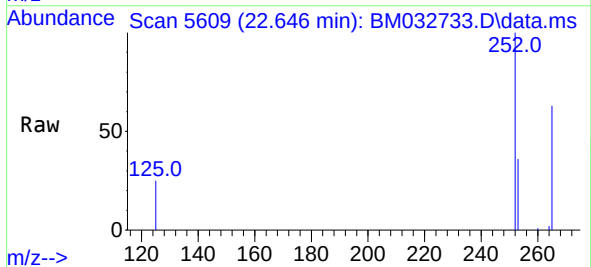
Instrument :
BNA_M
ClientSampleId :
SLCS169

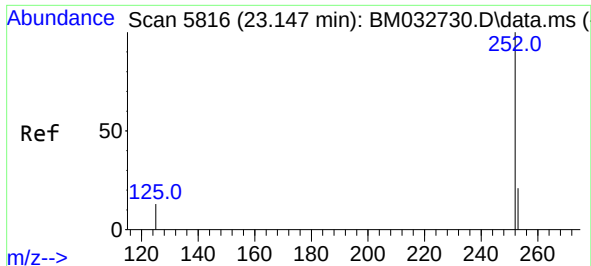
Tgt Ion:252 Resp: 9422
Ion Ratio Lower Upper
252 100
253 36.1 0.0 53.8
125 24.5 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 22.646 min Scan# 5609
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:252 Resp: 10441
Ion Ratio Lower Upper
252 100
253 36.3 21.8 32.6#
125 25.0 14.4 21.6#

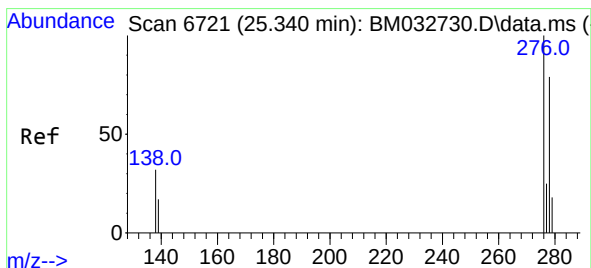
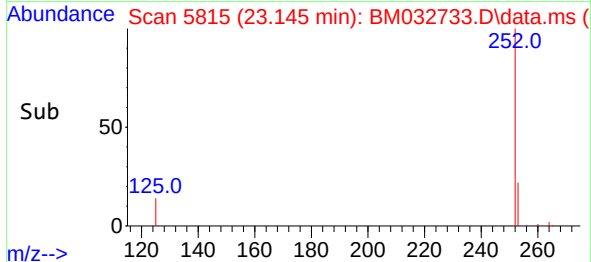
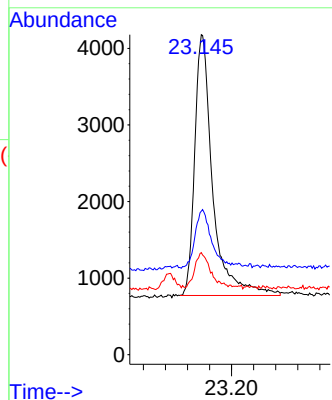
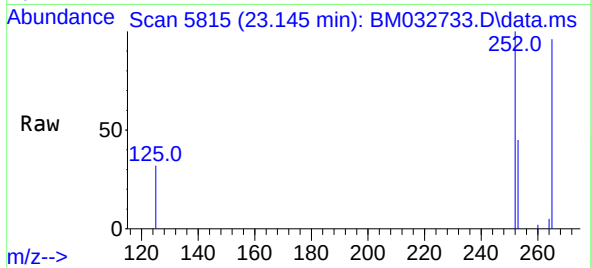




#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.145 min Scan# 5815
Delta R.T. -0.002 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

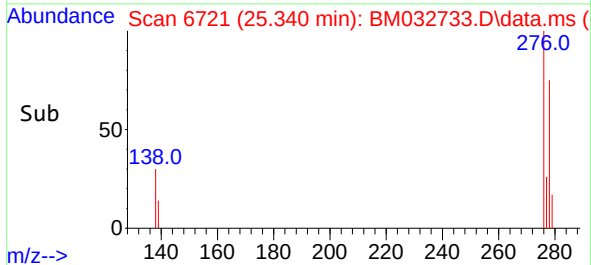
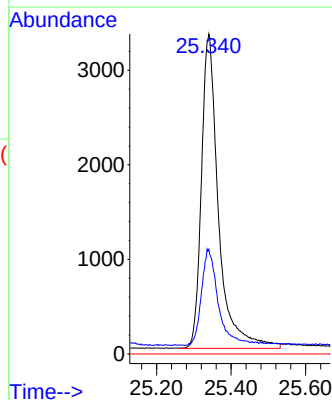
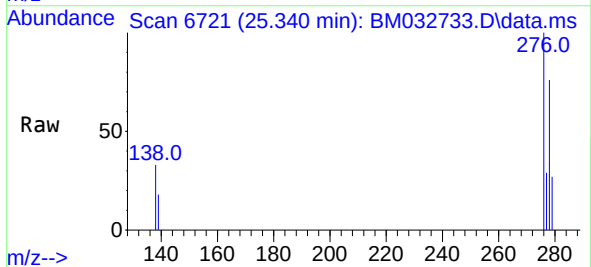
Instrument :
BNA_M
ClientSampleId :
SLCS169

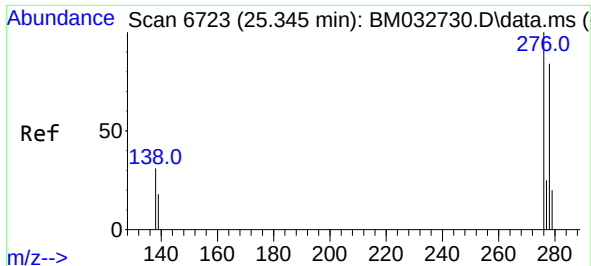
Tgt Ion:252 Resp: 7706
Ion Ratio Lower Upper
252 100
253 44.8 23.6 35.4#
125 31.9 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 25.340 min Scan# 6721
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:276 Resp: 10588
Ion Ratio Lower Upper
276 100
138 30.4 24.9 37.3
227 0.0 0.0 0.0

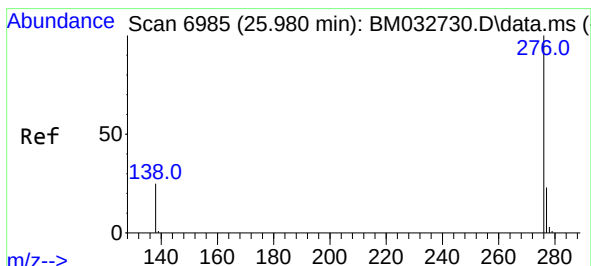
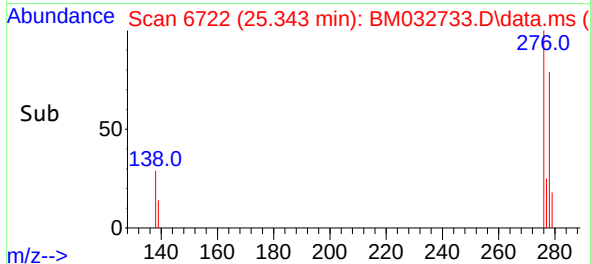
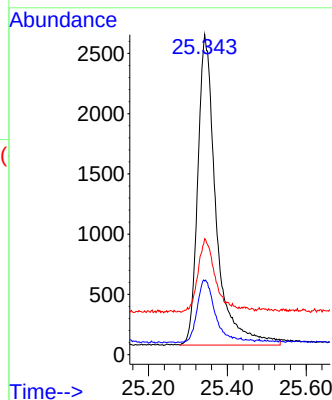
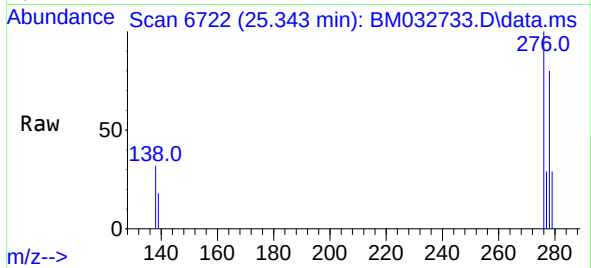




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.343 min Scan# 6722
Delta R.T. -0.002 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:278 Resp: 8317
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 36.2 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 25.980 min Scan# 6985
Delta R.T. 0.000 min
Lab File: BM032733.D
Acq: 26 Oct 2021 18:22

Tgt Ion:276 Resp: 9996
Ion Ratio Lower Upper
276 100
138 29.1 22.6 33.8
277 27.2 19.9 29.9

