

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032045.D
 Acq On : 03 Sep 2021 17:55
 Operator : CG/JU
 Sample : PB138693BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS693

Quant Time: Sep 03 18:29:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

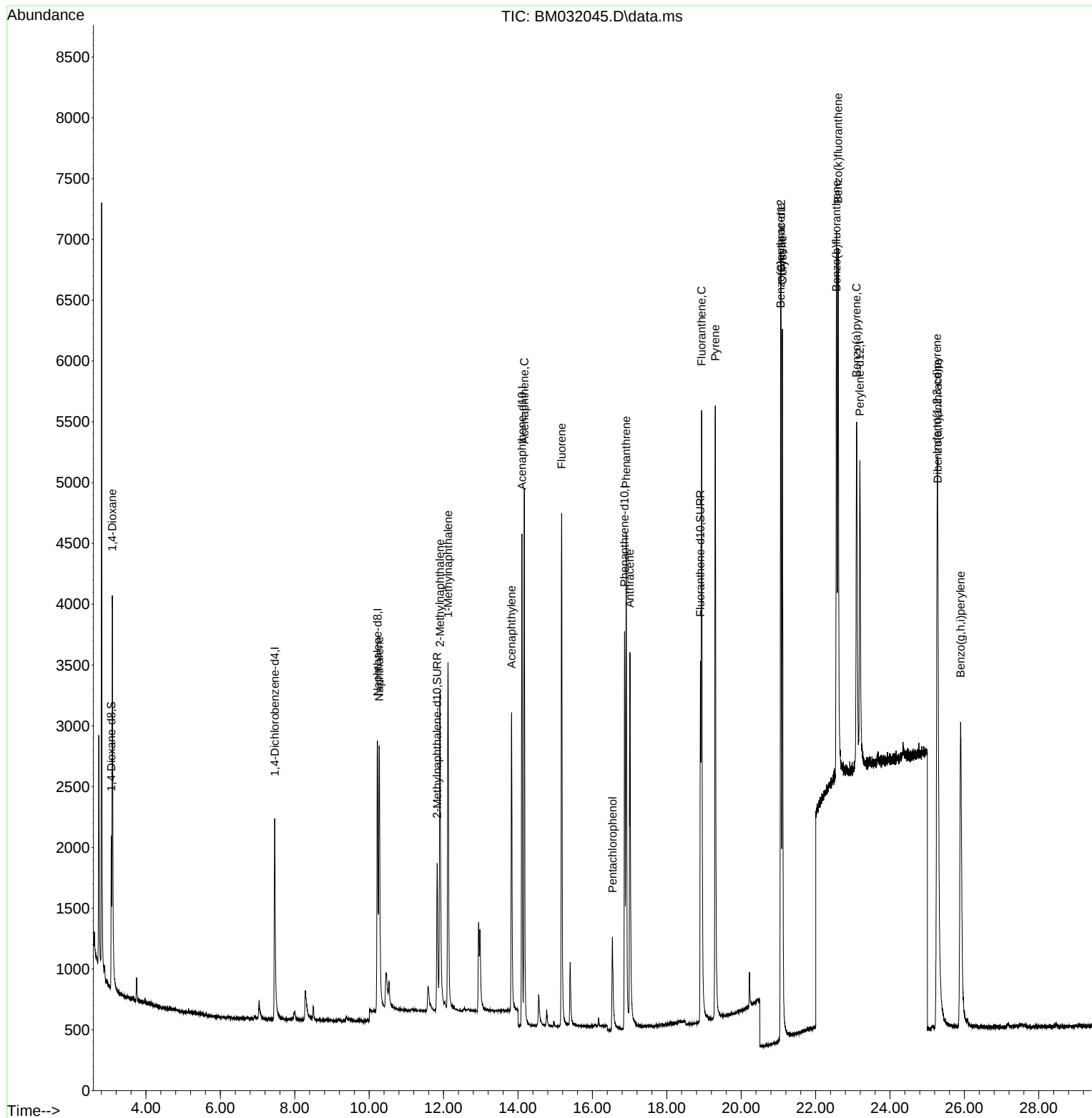
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.462	152	1116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.221	136	3981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.106	164	2421	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	4658	0.400	ng/ul	0.00
17) Chrysene-d12	21.071	240	3544	0.400	ng/ul	0.00
23) Perylene-d12	23.190	264	3396	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	804	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	2216	0.360	ng/ul	0.00
18) Fluoranthene-d10	18.903	212	4146	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.096	88	2162	1.805	ng/ul#	82
5) Naphthalene	10.271	128	3790	0.359	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	2597	0.352	ng/ul	98
8) 1-Methylnaphthalene	12.119	142	2432	0.335	ng/ul	98
10) Acenaphthylene	13.828	152	3699	0.379	ng/ul	99
11) Acenaphthene	14.171	153	2826	0.354	ng/ul	98
12) Fluorene	15.172	166	3257	0.350	ng/ul	99
14) Pentachlorophenol	16.539	266	789	0.640	ng/ul	95
15) Phenanthrene	16.911	178	5003	0.353	ng/ul	99
16) Anthracene	17.008	178	4502	0.362	ng/ul	99
19) Fluoranthene	18.938	202	5614	0.367	ng/ul	100
20) Pyrene	19.304	202	5771	0.366	ng/ul	100
21) Benzo(a)anthracene	21.059	228	4775	0.369	ng/ul	99
22) Chrysene	21.110	228	5717	0.384	ng/ul	99
24) Benzo(b)fluoranthene	22.562	252	5728	0.367	ng/ul	99
25) Benzo(k)fluoranthene	22.606	252	6265	0.389	ng/ul	99
26) Benzo(a)pyrene	23.100	252	5034	0.369	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.266	276	7205	0.388	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.286	278	5759	0.386	ng/ul	100
29) Benzo(g,h,i)perylene	25.899	276	6407	0.387	ng/ul	98

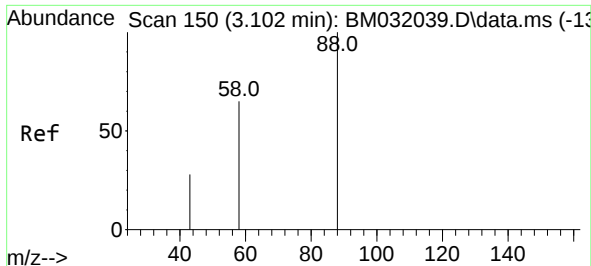
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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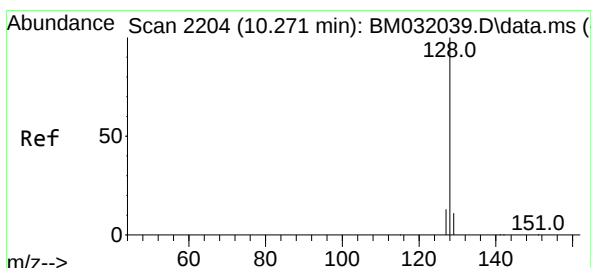
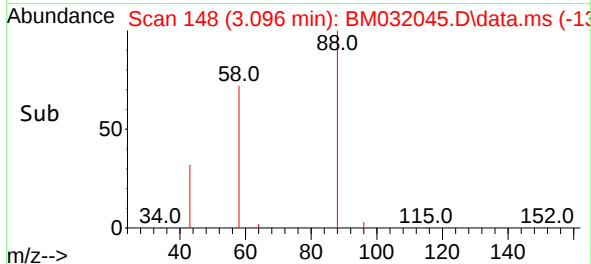
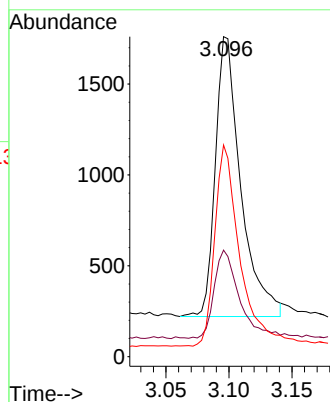
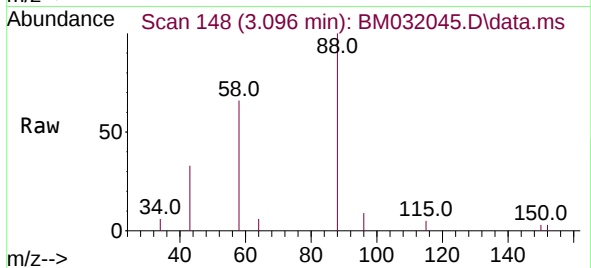




#2
1,4-Dioxane
Concen: 1.805 ng/ul
RT: 3.096 min Scan# 148
Delta R.T. -0.007 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

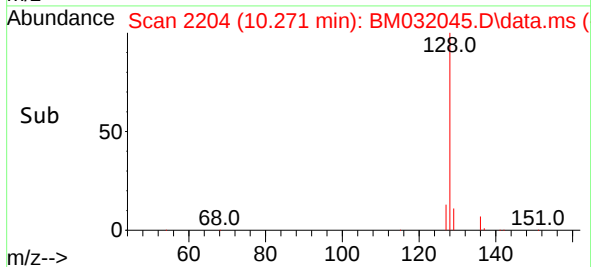
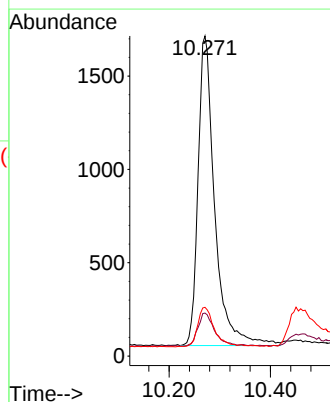
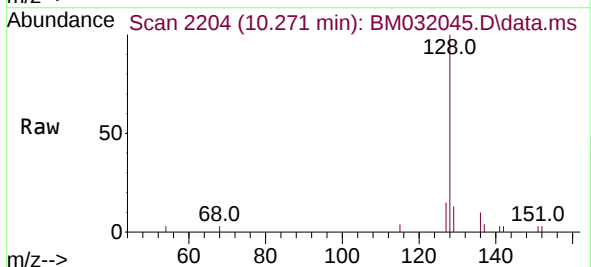
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BNA_M
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SLCS693

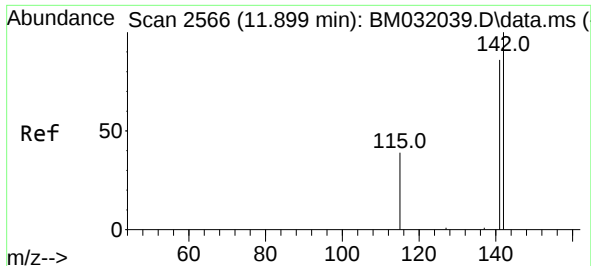
Tgt Ion: 88 Resp: 2162
Ion Ratio Lower Upper
88 100
43 33.3 29.4 44.2
58 66.2 38.6 58.0#



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.271 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:128 Resp: 3790
Ion Ratio Lower Upper
128 100
129 13.4 10.9 16.3
127 15.2 12.4 18.6

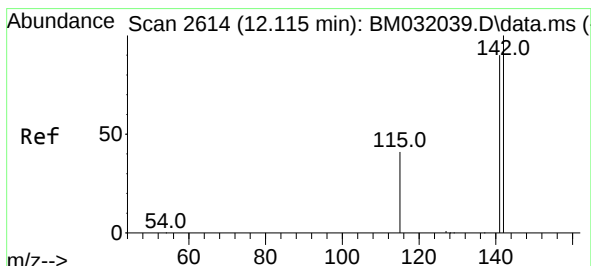
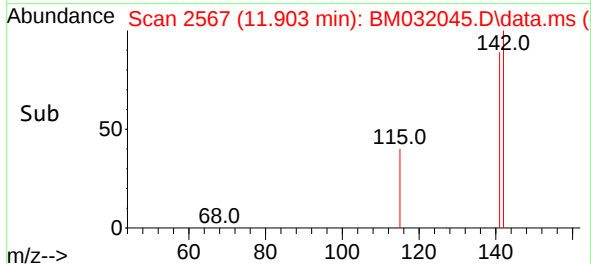
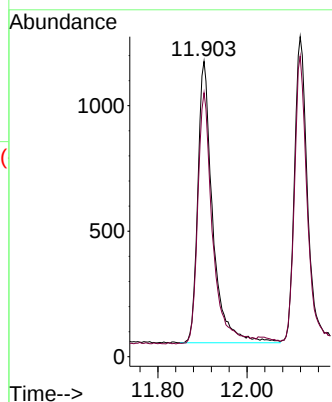
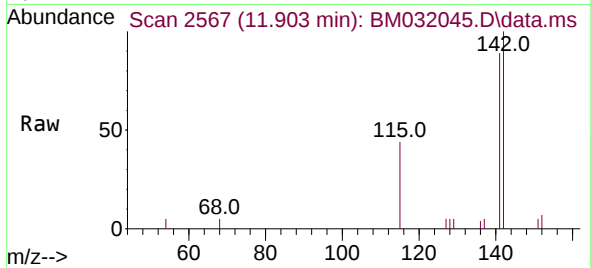




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 11.903 min Scan# 2567
Delta R.T. 0.005 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

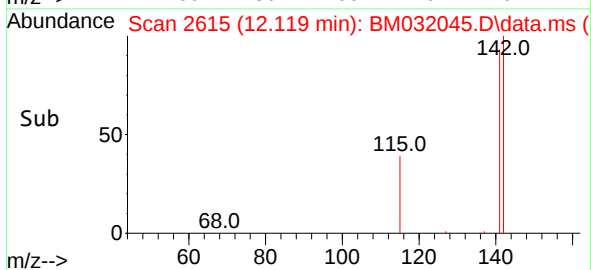
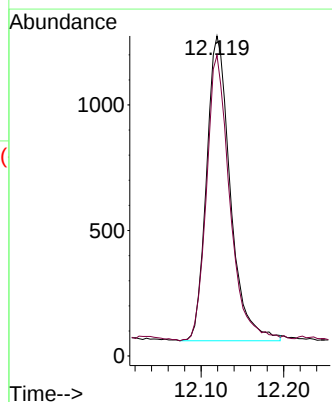
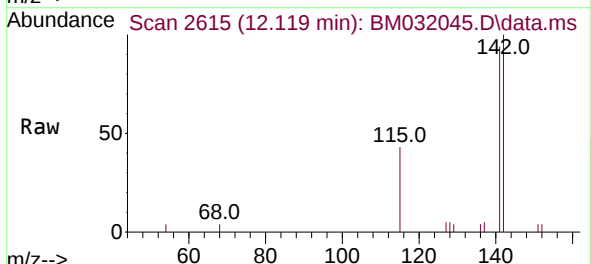
Instrument :
BNA_M
ClientSampled :
SLCS693

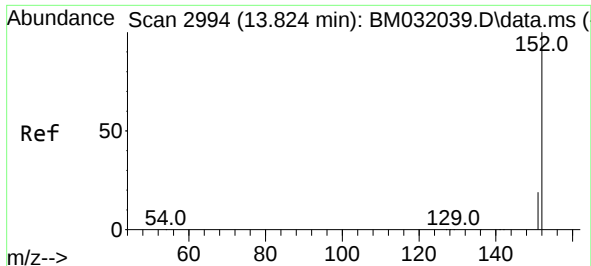
Tgt Ion:142 Resp: 2597
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.119 min Scan# 2615
Delta R.T. 0.005 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:142 Resp: 2432
Ion Ratio Lower Upper
142 100
141 91.8 72.2 108.2

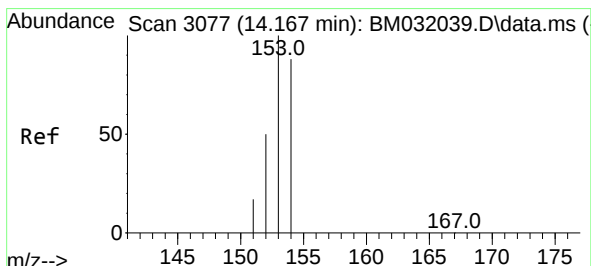
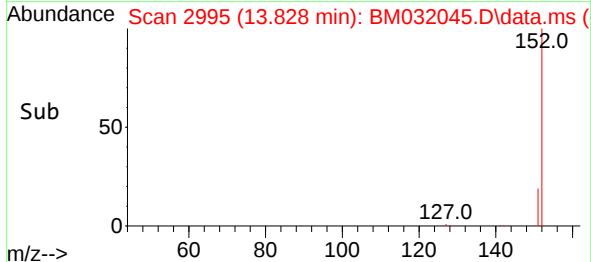
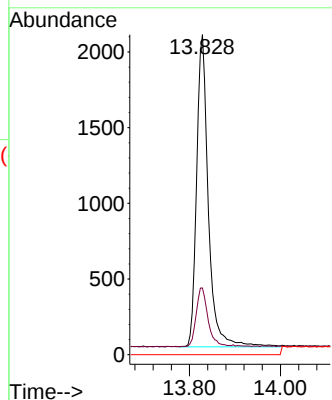
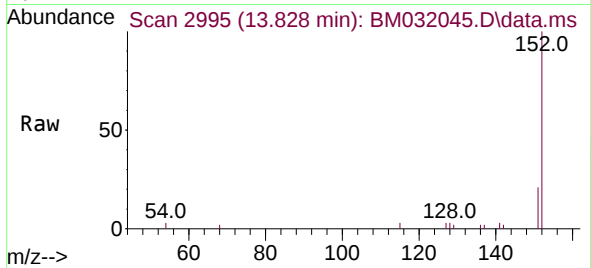




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.828 min Scan# 2995
Delta R.T. 0.004 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

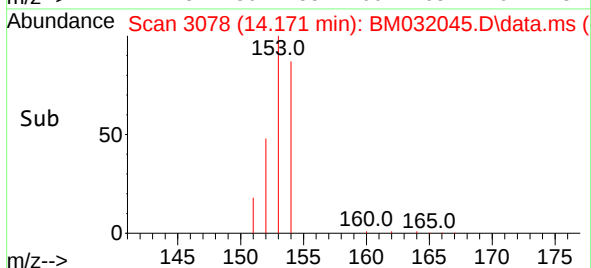
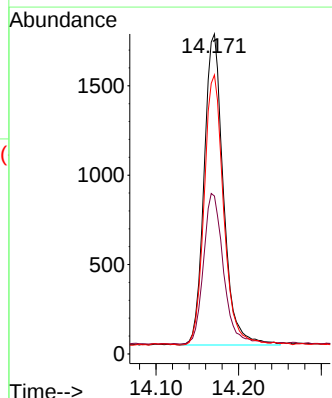
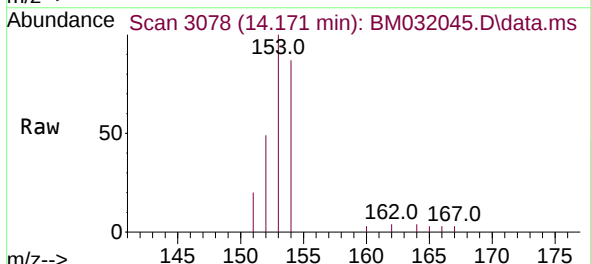
Instrument :
BNA_M
ClientSampleId :
SLCS693

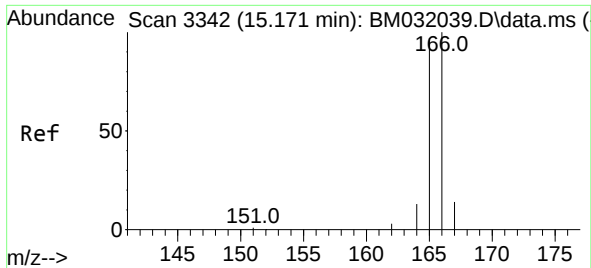
Tgt Ion:152	Resp:	3699
Ion Ratio	Lower	Upper
152	100	
151	20.9	17.0 25.4
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.171 min Scan# 3078
Delta R.T. 0.004 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:153	Resp:	2826
Ion Ratio	Lower	Upper
153	100	
152	49.3	41.0 61.4
154	87.2	70.5 105.7

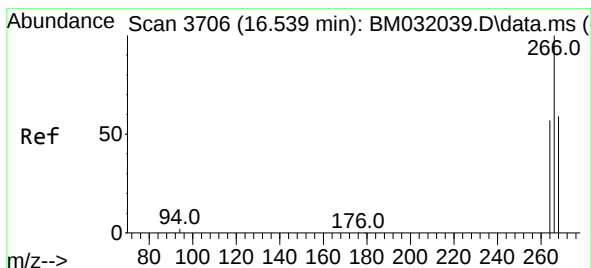
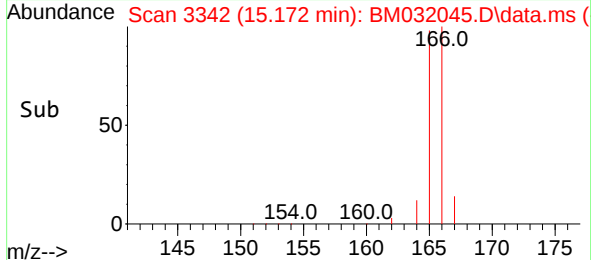
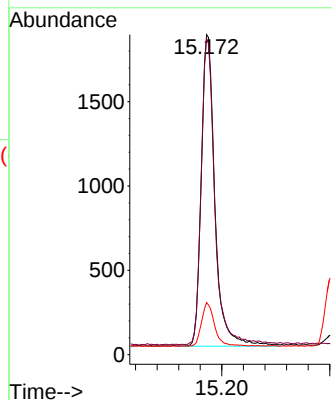
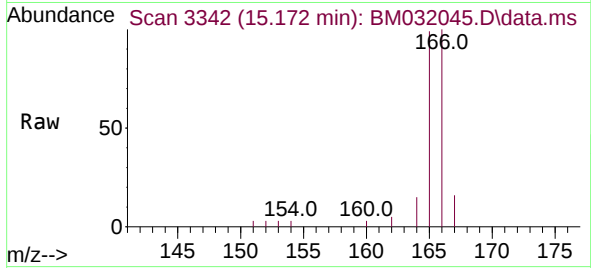




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.172 min Scan# 3342
Delta R.T. 0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

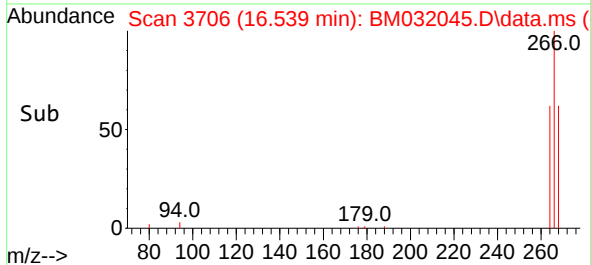
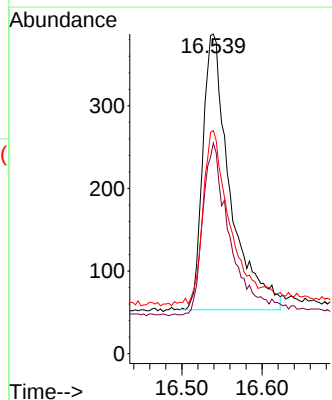
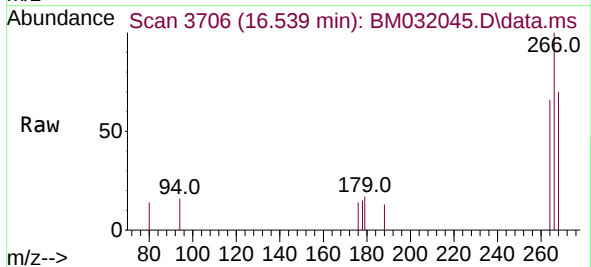
Instrument :
BNA_M
ClientSampleId :
SLCS693

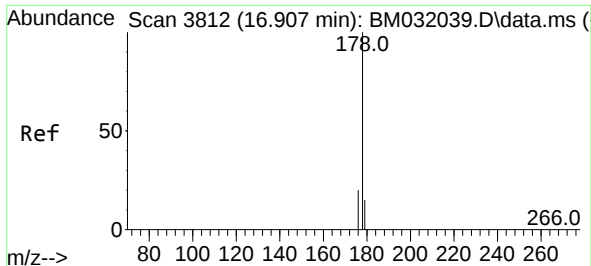
Tgt Ion:	166	Resp:	3257
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.3	117.5
167	16.3	12.5	18.7



#14
Pentachlorophenol
Concen: 0.640 ng/ul
RT: 16.539 min Scan# 3706
Delta R.T. 0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

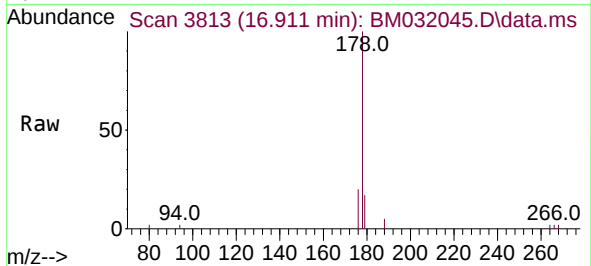
Tgt Ion:	266	Resp:	789
Ion	Ratio	Lower	Upper
266	100		
264	62.7	44.3	66.5
268	62.0	49.4	74.2



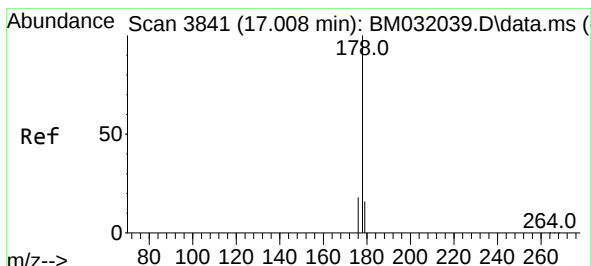
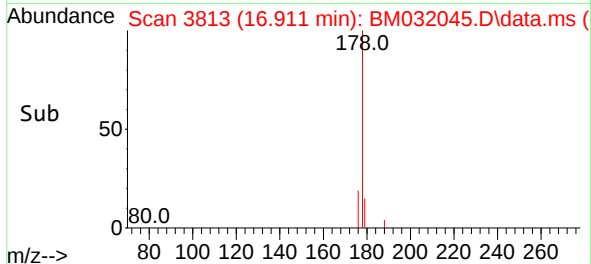
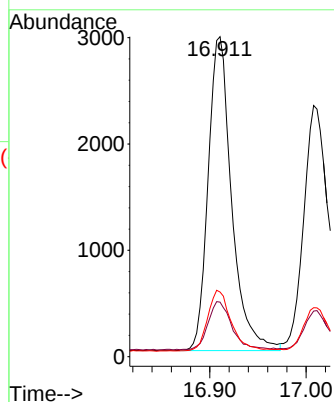


#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 16.911 min Scan# 3813
Delta R.T. 0.004 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Instrument :
BNA_M
ClientSampleId :
SLCS693

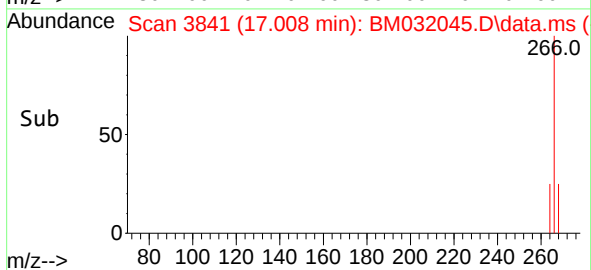
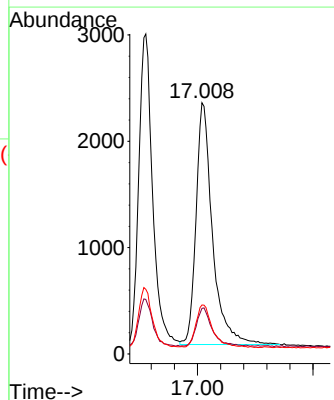
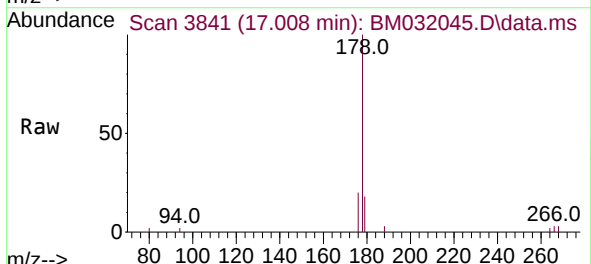


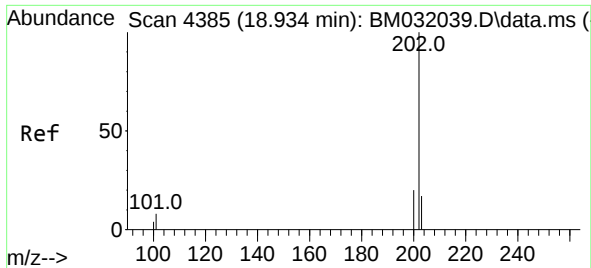
Tgt Ion:178 Resp: 5003
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 20.2 16.7 25.1



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.008 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:178 Resp: 4502
Ion Ratio Lower Upper
178 100
179 18.2 14.3 21.5
176 19.5 15.8 23.8

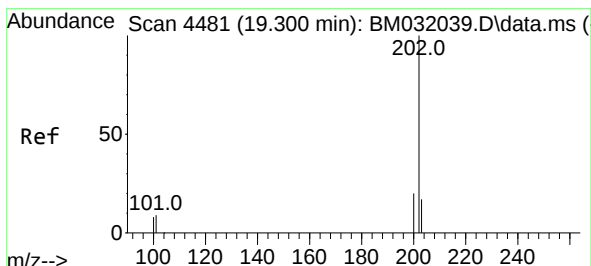
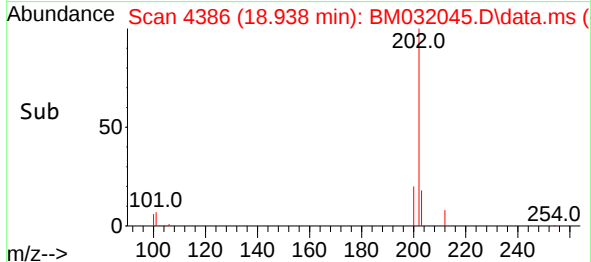
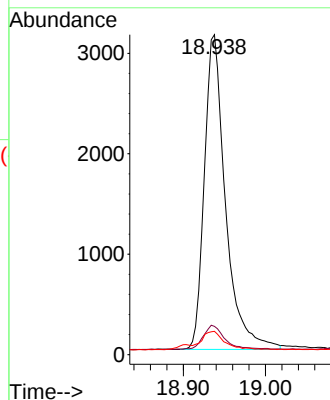
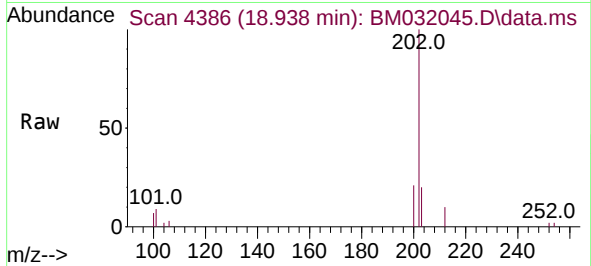




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 18.938 min Scan# 4386
Delta R.T. 0.004 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

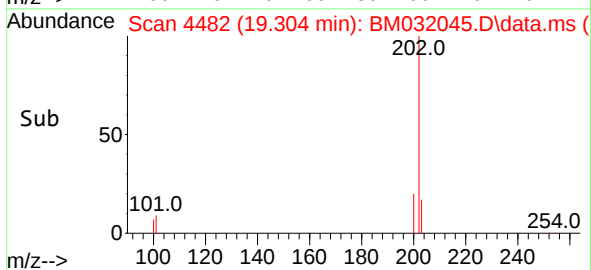
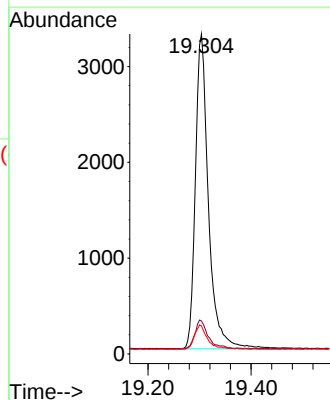
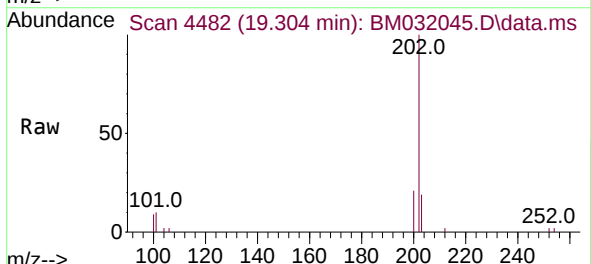
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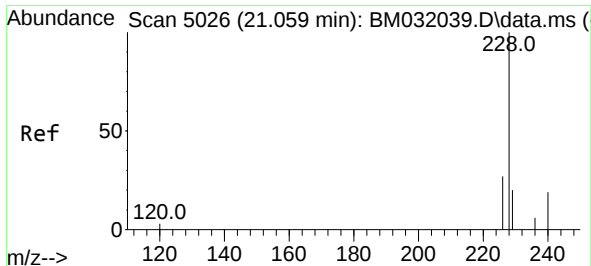
Tgt Ion:202	Resp:	5614
Ion Ratio	Lower	Upper
202	100	
101	8.8	7.2 10.8
100	7.3	5.8 8.6



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.304 min Scan# 4482
Delta R.T. 0.004 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:202	Resp:	5771
Ion Ratio	Lower	Upper
202	100	
101	10.3	8.2 12.4
100	8.8	7.0 10.6

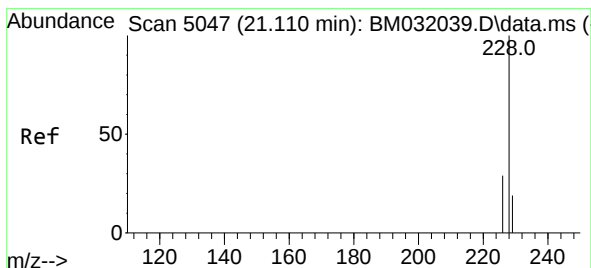
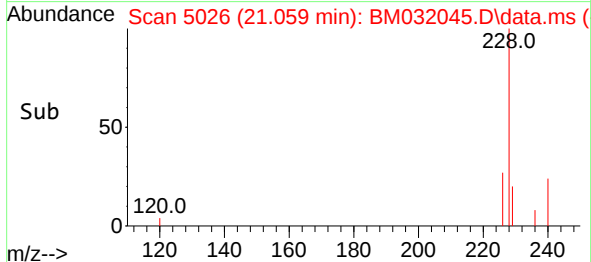
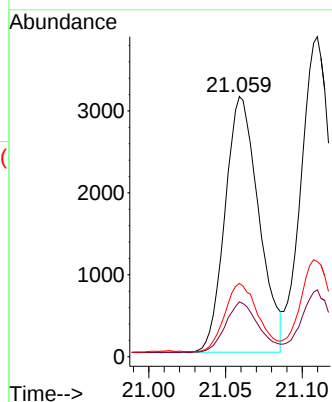
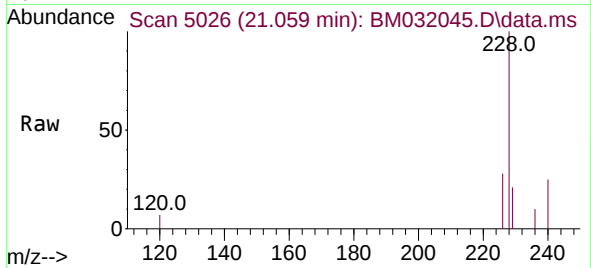




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.059 min Scan# 5026
Delta R.T. -0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

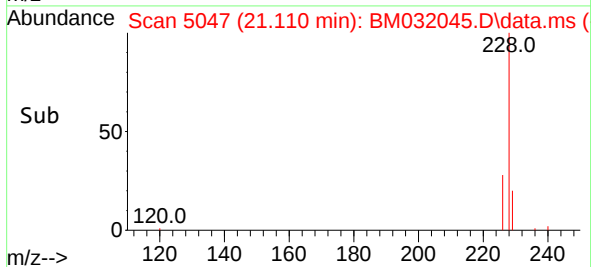
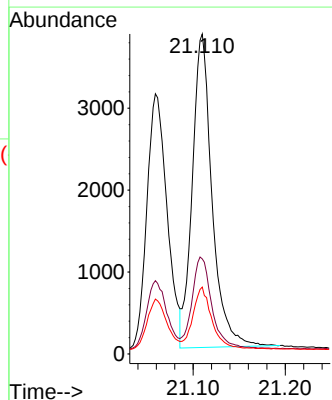
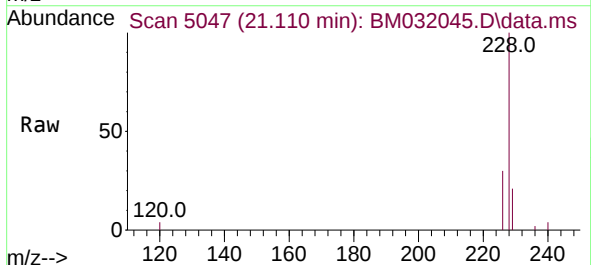
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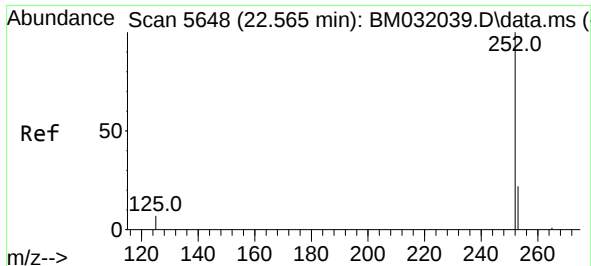
Tgt Ion:228	Resp:	4775
Ion Ratio	Lower	Upper
228	100	
229	21.1	17.1 25.7
226	28.1	23.1 34.7



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.110 min Scan# 5047
Delta R.T. -0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:228	Resp:	5717
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.2 36.2
229	20.9	16.3 24.5

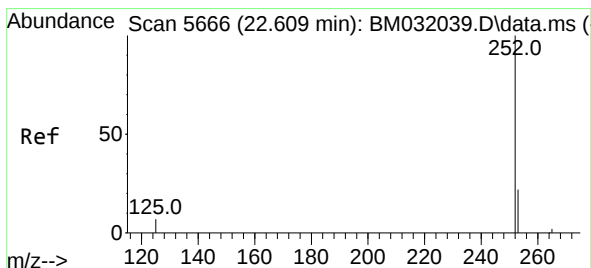
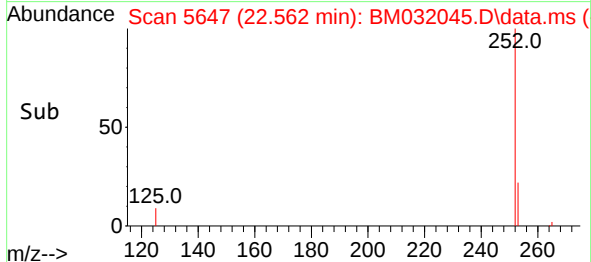
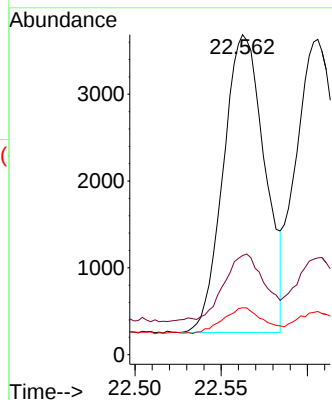
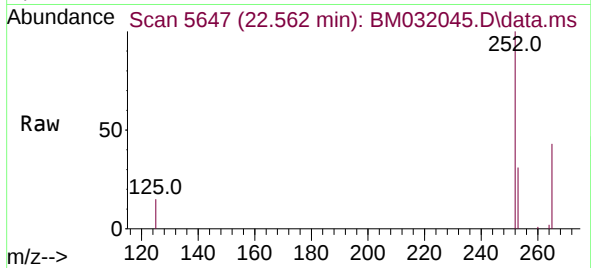




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.562 min Scan# 5647
Delta R.T. -0.003 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

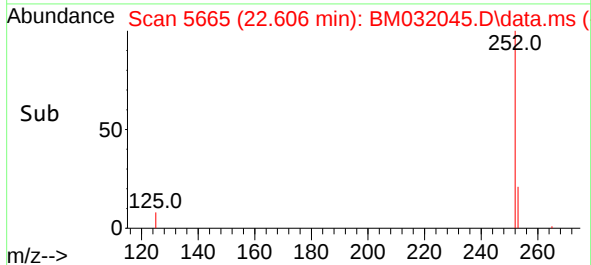
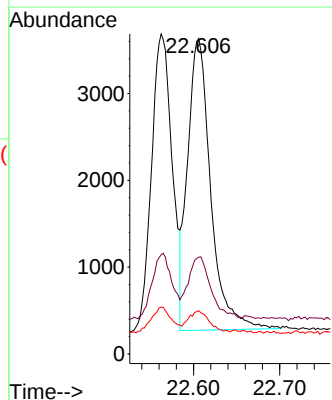
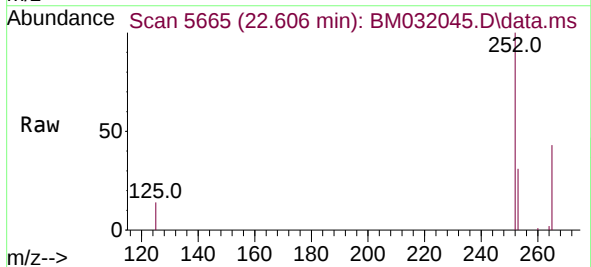
Instrument :
BNA_M
ClientSampleId :
SLCS693

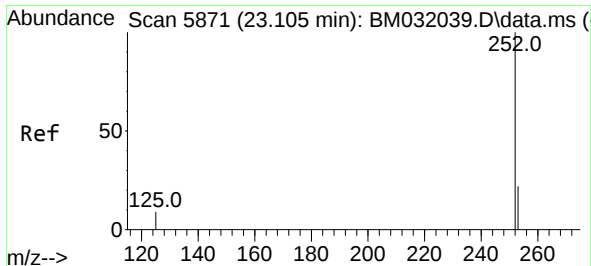
Tgt Ion:252 Resp: 5728
Ion Ratio Lower Upper
252 100
253 31.0 0.0 61.0
125 14.7 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.606 min Scan# 5665
Delta R.T. -0.003 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:252 Resp: 6265
Ion Ratio Lower Upper
252 100
253 30.7 25.2 37.8
125 13.7 11.0 16.4

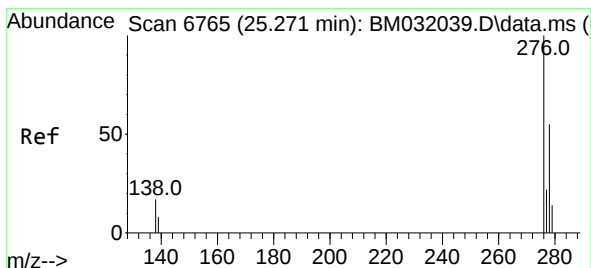
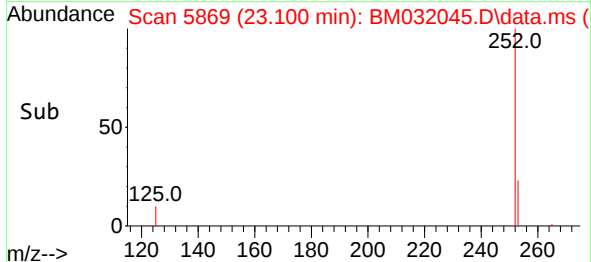
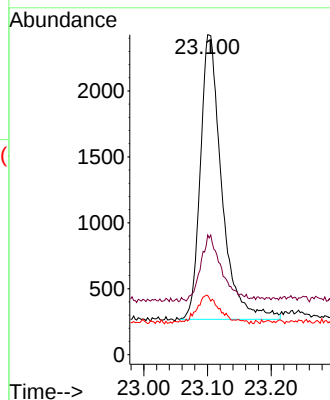
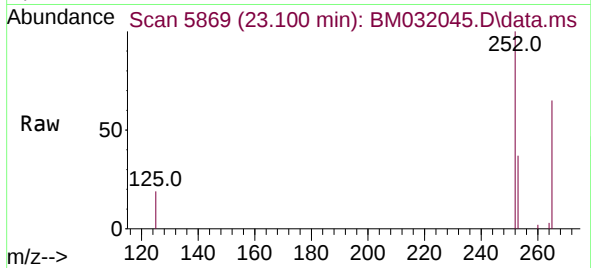




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.100 min Scan# 5869
Delta R.T. -0.005 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

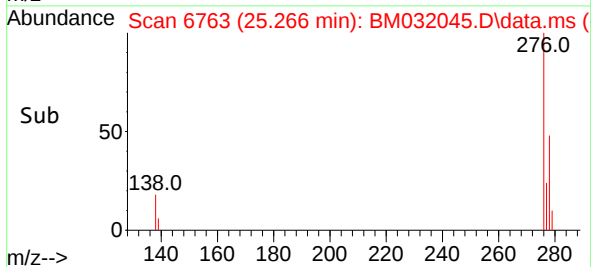
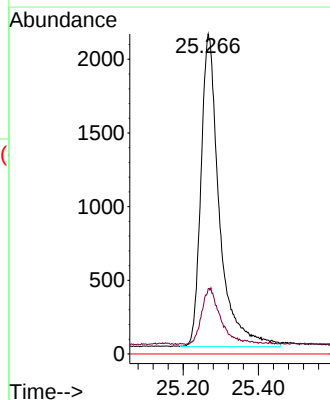
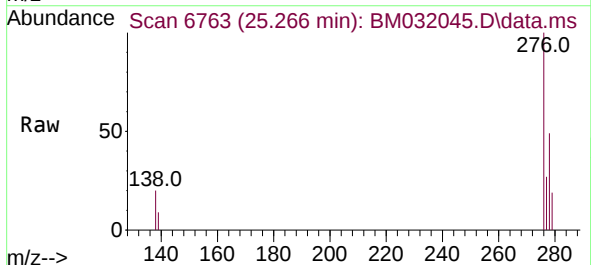
Instrument :
BNA_M
ClientSampleId :
SLCS693

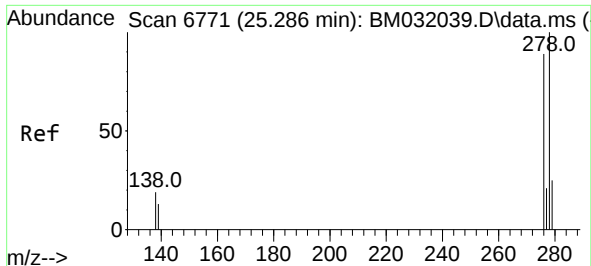
Tgt Ion:252	Resp:	5034
Ion Ratio	Lower	Upper
252	100	
253	37.4	28.8 43.2
125	18.5	13.9 20.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.266 min Scan# 6763
Delta R.T. -0.005 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:276	Resp:	7205
Ion Ratio	Lower	Upper
276	100	
138	18.2	14.1 21.1
227	0.0	0.0 0.0

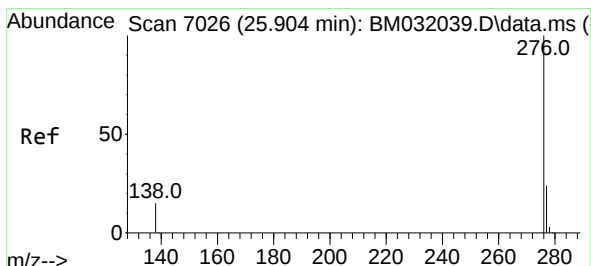
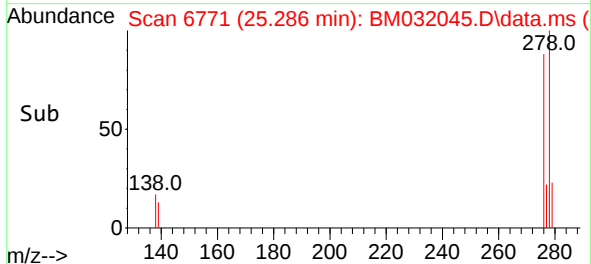
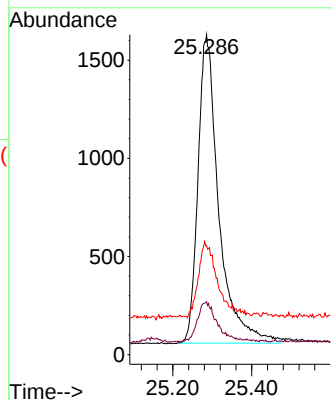
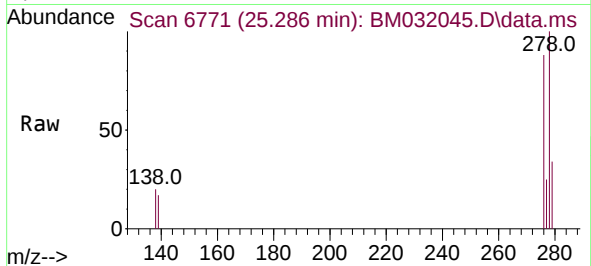




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.286 min Scan# 6771
Delta R.T. -0.000 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Instrument :
BNA_M
ClientSampleId :
SLCS693

Tgt Ion:	278	Resp:	5759
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.4	20.0
279	34.1	27.2	40.8



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 25.899 min Scan# 7024
Delta R.T. -0.005 min
Lab File: BM032045.D
Acq: 03 Sep 2021 17:55

Tgt Ion:	276	Resp:	6407
Ion Ratio	Lower	Upper	
276	100		
138	19.4	14.5	21.7
277	26.9	21.2	31.8

