

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
 Data File : BM032792.D
 Acq On : 28 Oct 2021 11:18
 Operator : CG/JU
 Sample : PB140100BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS100

Quant Time: Oct 28 11:58:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 11:26:23 2021
 Response via : Initial Calibration

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

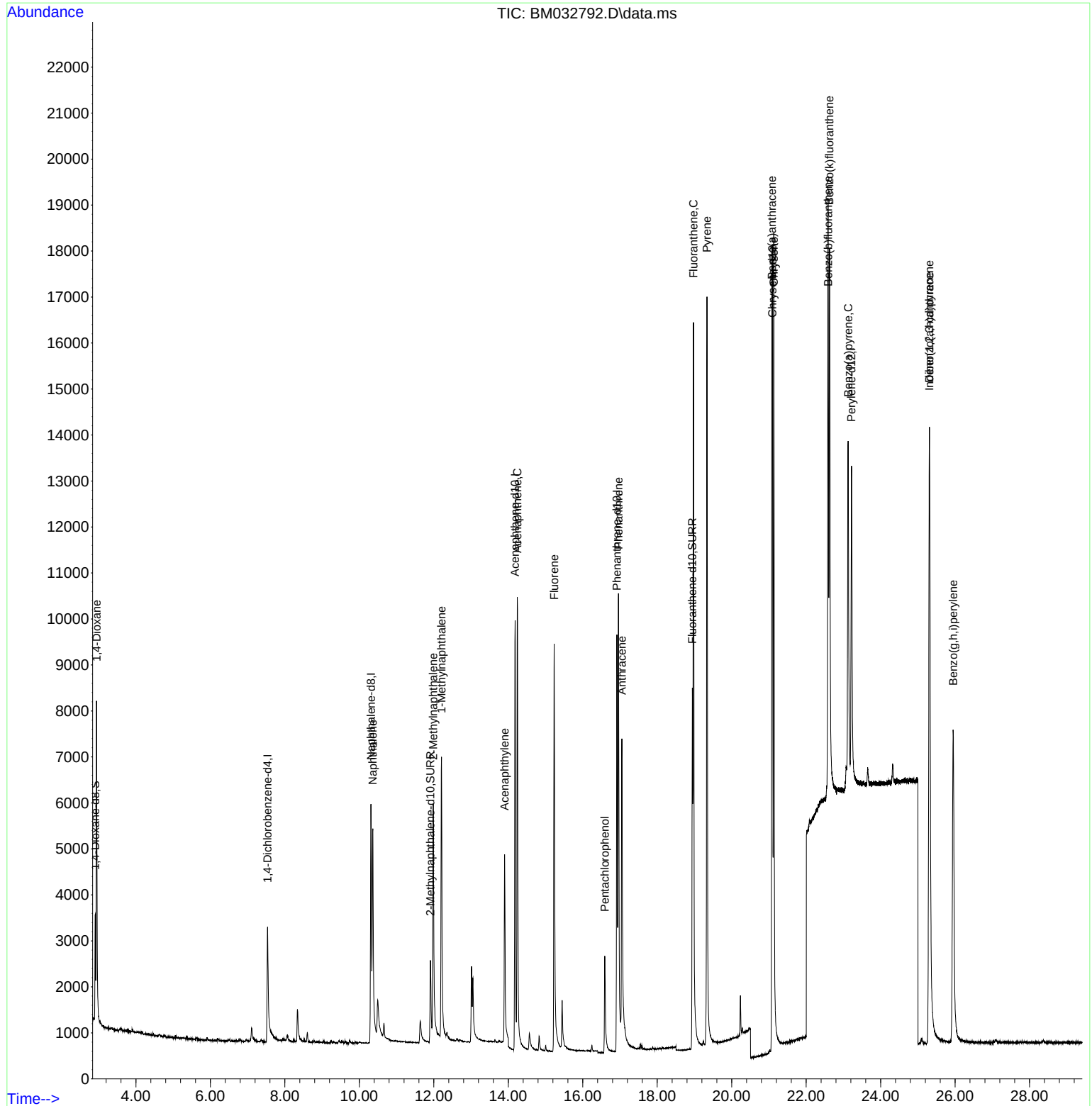
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	2161	0.400	ng/ul	0.00
4) Naphthalene-d8	10.312	136	8665	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	5386	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.918	188	11756	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	10768	0.400	ng/ul	0.00
23) Perylene-d12	23.218	264	9216	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	1553	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	3330	0.277	ng/ul	0.00
18) Fluoranthene-d10	18.943	212	9074	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.944	88	4763	1.600	ng/ul#	90
5) Naphthalene	10.361	128	8012	0.310	ng/ul	99
7) 2-Methylnaphthalene	11.985	142	5182	0.299	ng/ul	99
8) 1-Methylnaphthalene	12.205	142	4974	0.293	ng/ul	99
10) Acenaphthylene	13.901	152	6142	0.299	ng/ul	99
11) Acenaphthene	14.243	153	6178	0.297	ng/ul	99
12) Fluorene	15.233	166	7091	0.296	ng/ul	98
14) Pentachlorophenol	16.592	266	1873	0.477	ng/ul	99
15) Phenanthrene	16.960	178	11710	0.299	ng/ul	99
16) Anthracene	17.050	178	9536	0.295	ng/ul	99
19) Fluoranthene	18.973	202	14720	0.329	ng/ul	99
20) Pyrene	19.335	202	15344	0.332	ng/ul	99
21) Benzo(a)anthracene	21.079	228	13034	0.342	ng/ul	100
22) Chrysene	21.130	228	15981	0.352	ng/ul	99
24) Benzo(b)fluoranthene	22.588	252	15325	0.370	ng/ul	99
25) Benzo(k)fluoranthene	22.626	252	16909	0.372	ng/ul	98
26) Benzo(a)pyrene	23.128	252	12434	0.356	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.309	276	15463	0.335	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.311	278	12328	0.333	ng/ul	99
29) Benzo(g,h,i)perylene	25.946	276	14160	0.337	ng/ul	98

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

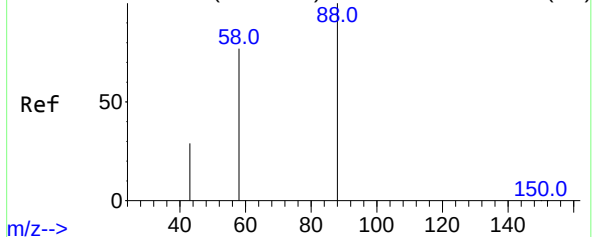
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
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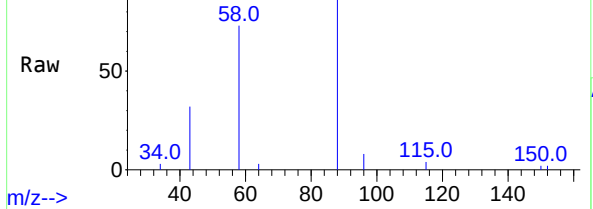


Abundance Scan 32 (2.944 min): BM032790.D\data.ms (-24)



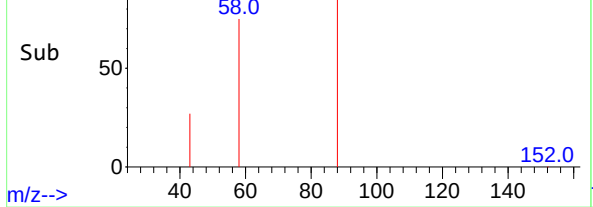
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Abundance Scan 32 (2.944 min): BM032792.D\data.ms



m/z-->

Abundance Scan 32 (2.944 min): BM032792.D\data.ms (-18)

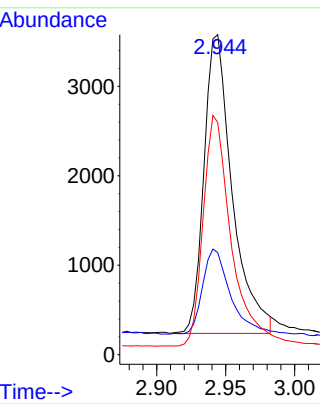


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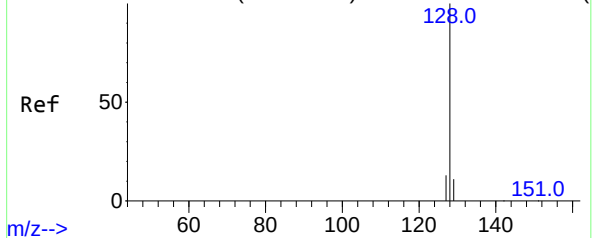
#2

1,4-Dioxane
Concen: 1.600 ng/ul
RT: 2.944 min Scan# 32
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:	88	Resp:	4763
Ion	Ratio	Lower	Upper
88	100		
43	31.9	38.0	57.0#
58	72.6	57.0	85.6

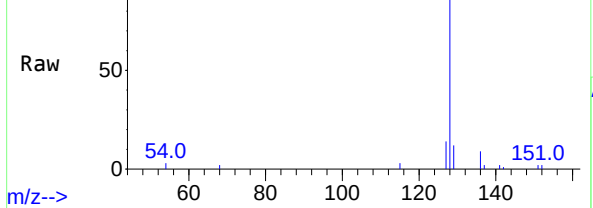


Abundance Scan 2151 (10.357 min): BM032790.D\data.ms (-)



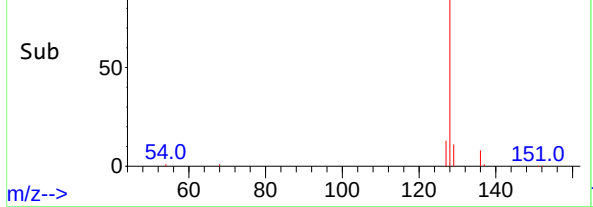
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Abundance Scan 2152 (10.361 min): BM032792.D\data.ms



m/z-->

Abundance Scan 2152 (10.361 min): BM032792.D\data.ms (-)

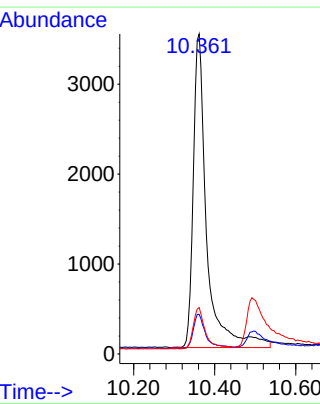


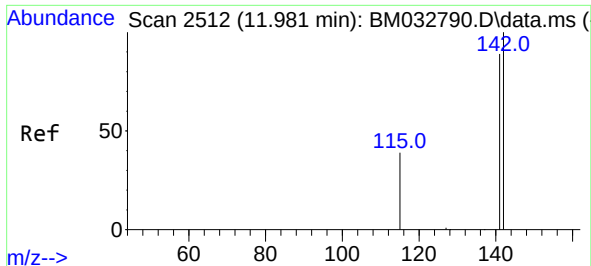
m/z-->

#5

Naphthalene
Concen: 0.310 ng/ul
RT: 10.361 min Scan# 2152
Delta R.T. 0.004 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:	128	Resp:	8012
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.5	11.0	16.6

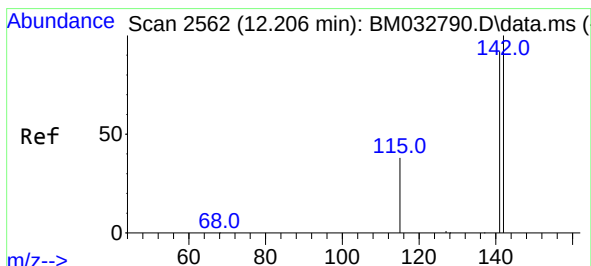
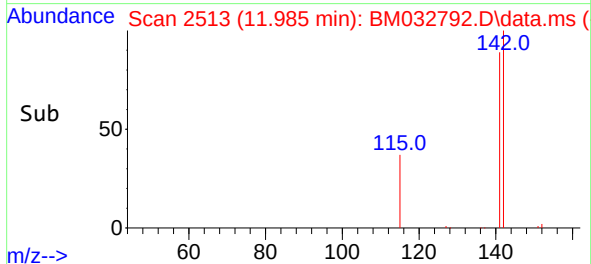
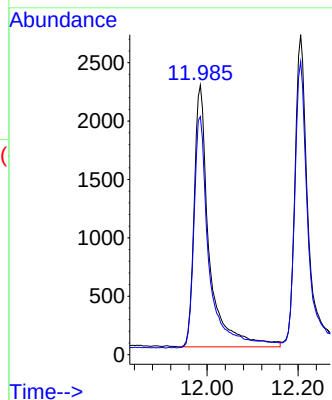
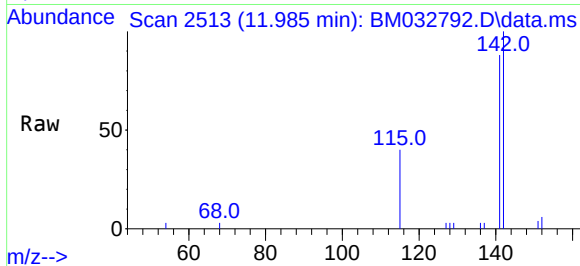




#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 11.985 min Scan# 2513
Delta R.T. 0.004 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

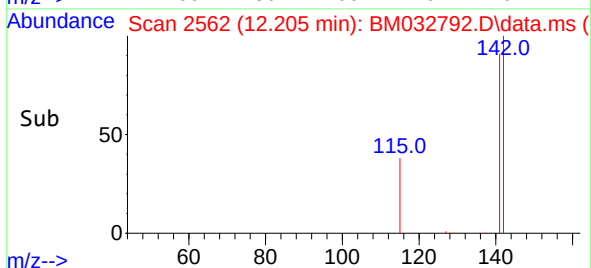
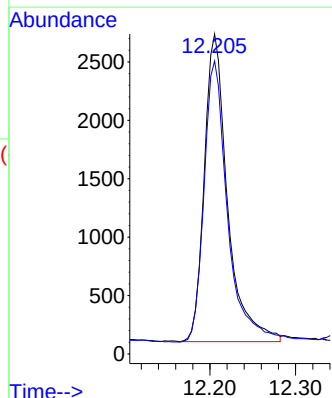
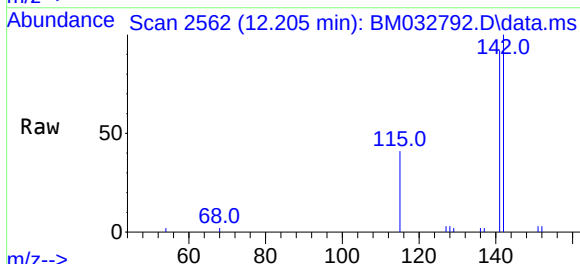
Instrument :
BNA_M
ClientSampled :
SLCS100

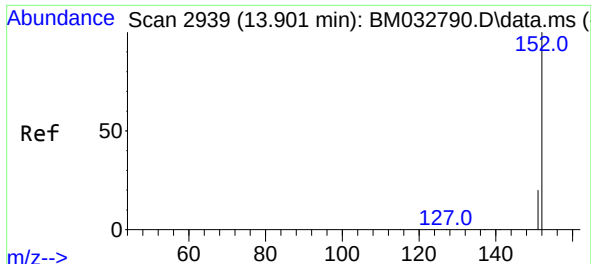
Tgt Ion:142 Resp: 5182
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.205 min Scan# 2562
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:142 Resp: 4974
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.6

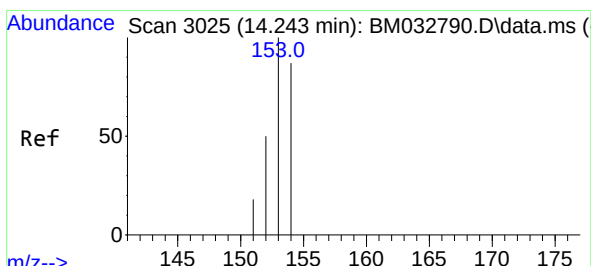
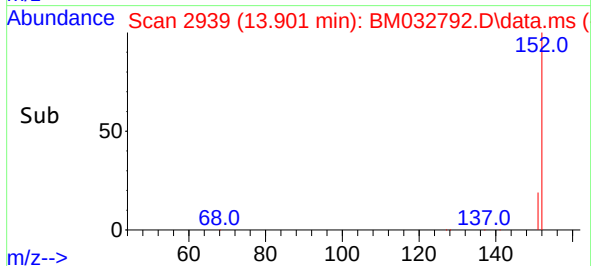
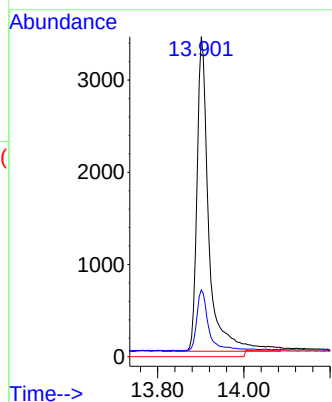
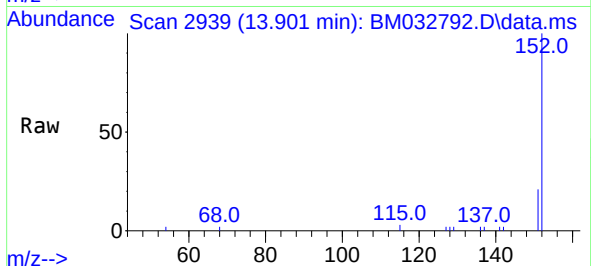




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 13.901 min Scan# 2939
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

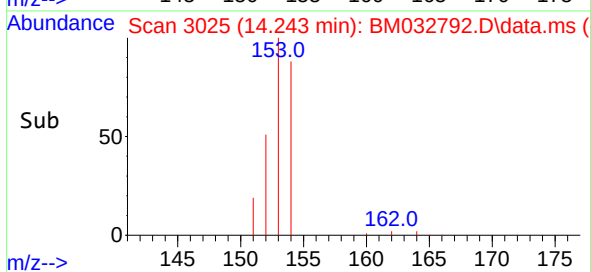
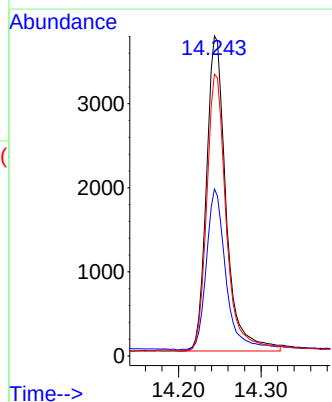
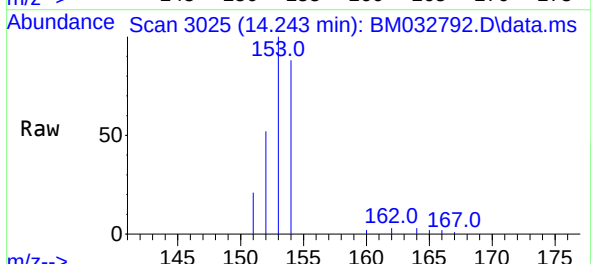
Instrument :
BNA_M
ClientSampled :
SLCS100

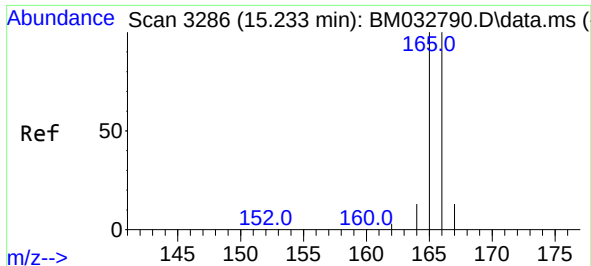
Tgt Ion:152 Resp: 6142
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.243 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:153 Resp: 6178
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 88.0 70.7 106.1



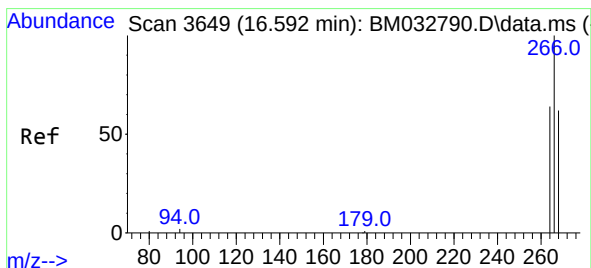
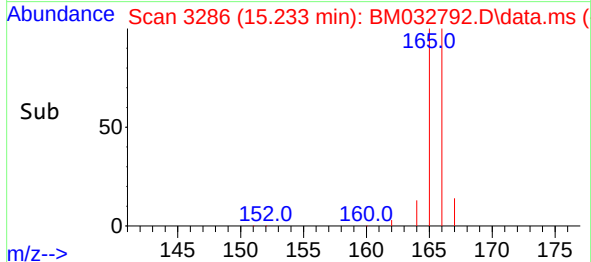
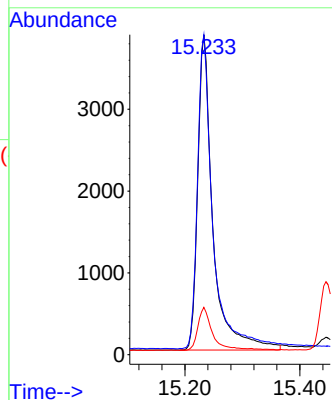
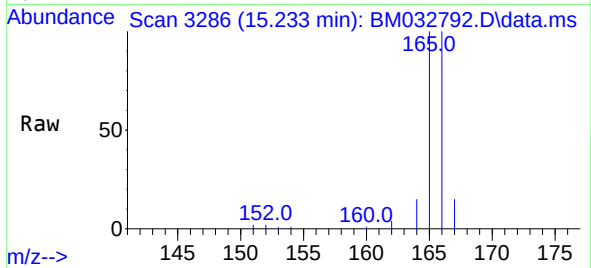


#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.233 min Scan# 3286
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Instrument :
BNA_M
ClientSampleId :
SLCS100

Tgt Ion:166 Resp: 7091

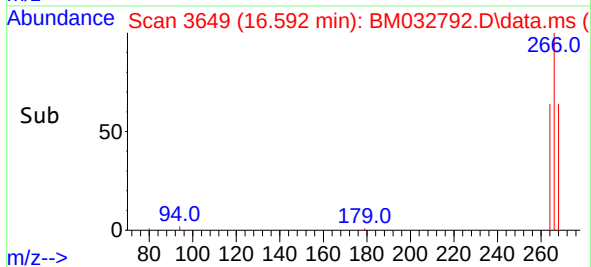
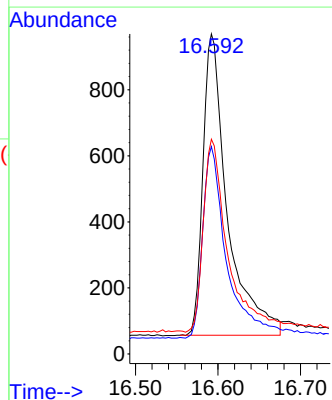
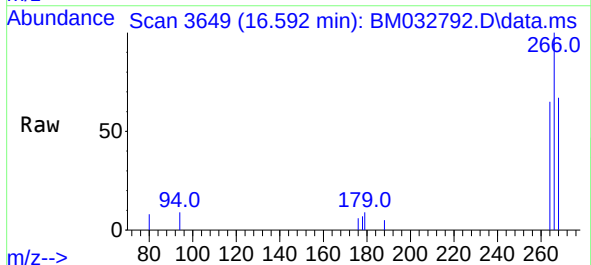
Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.4	122.0
167	14.8	11.4	17.0

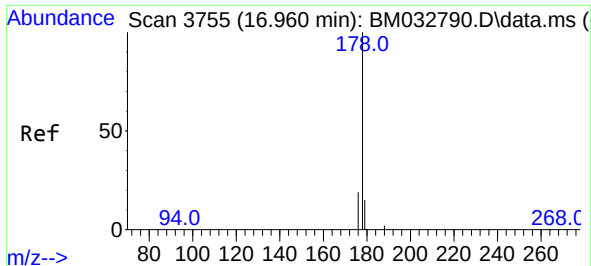


#14
Pentachlorophenol
Concen: 0.477 ng/ul
RT: 16.592 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:266 Resp: 1873

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.6	76.0
268	65.0	51.2	76.8



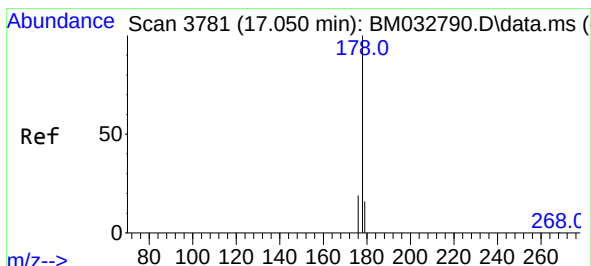
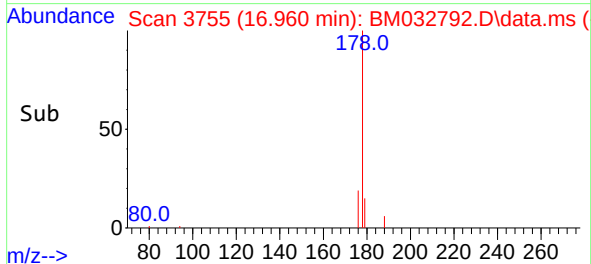
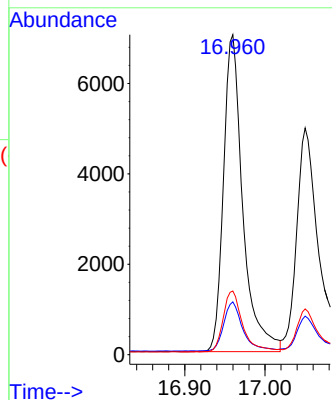
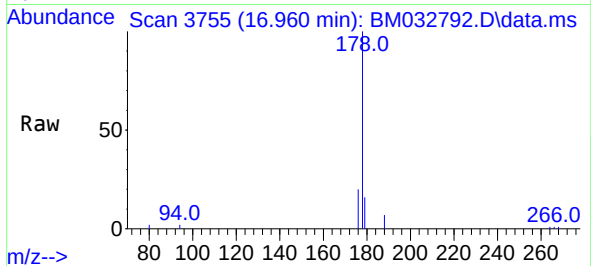


#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 16.960 min Scan# 3755
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Instrument :
BNA_M
ClientSampleId :
SLCS100

Tgt Ion:178 Resp: 11710

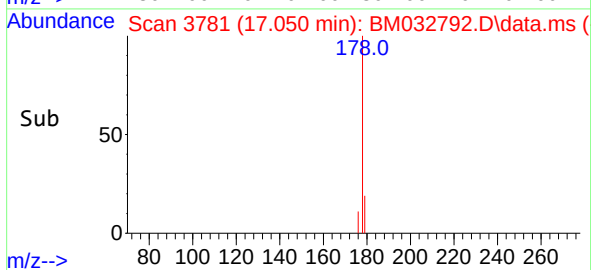
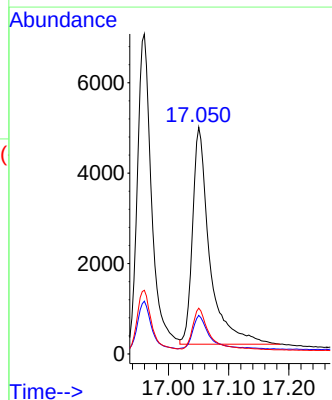
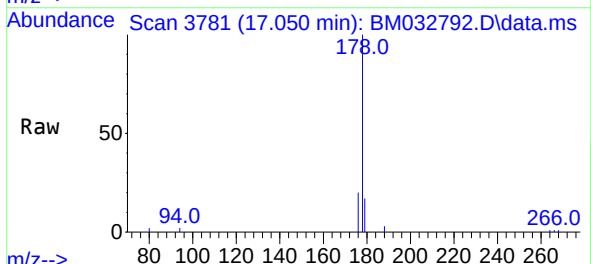
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	19.9	16.0	24.0

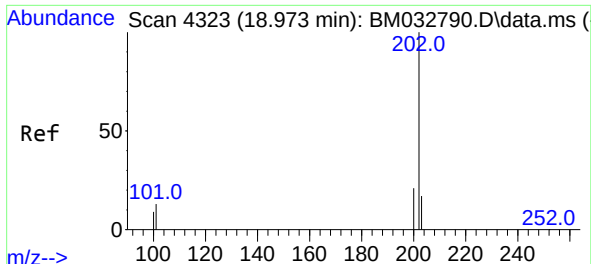


#16
Anthracene
Concen: 0.295 ng/ul
RT: 17.050 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:178 Resp: 9536

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.2	19.8
176	20.2	15.7	23.5

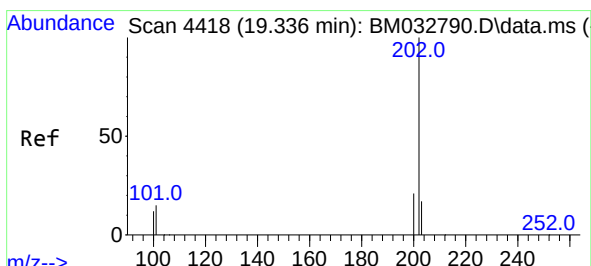
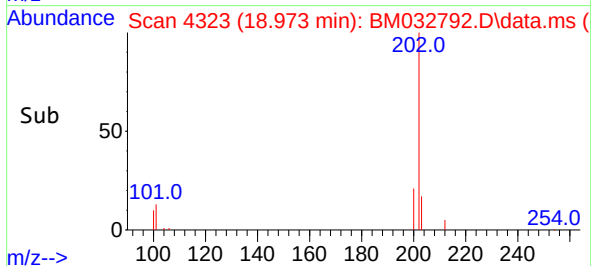
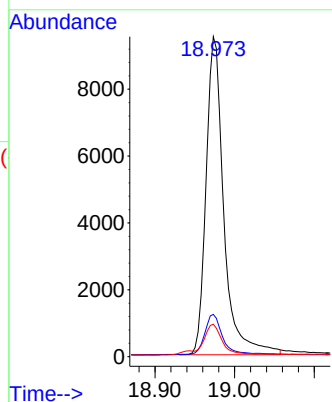
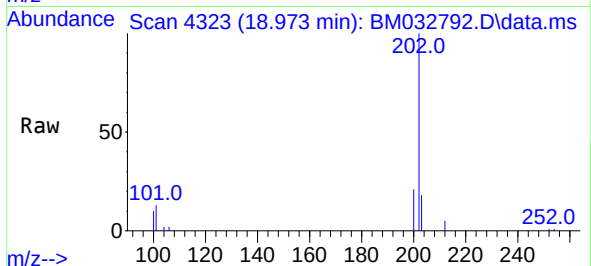




#19
Fluoranthene
Concen: 0.329 ng/u1
RT: 18.973 min Scan# 4323
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

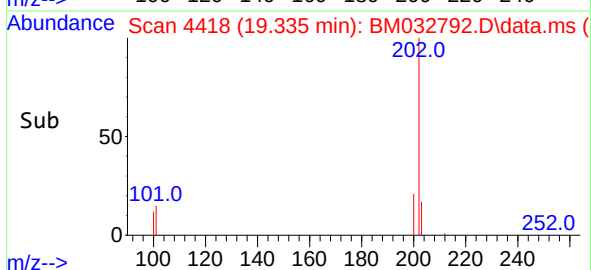
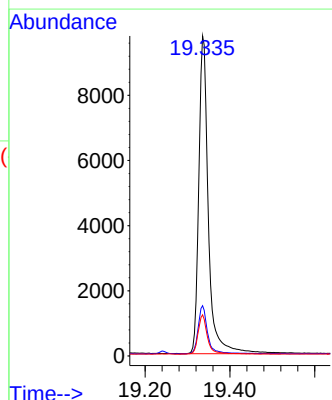
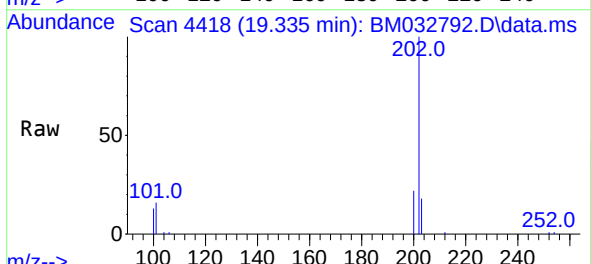
Instrument :
BNA_M
ClientSampleId :
SLCS100

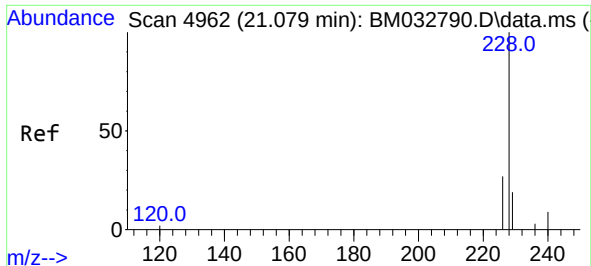
Tgt Ion:	202	Resp:	14720
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.5	15.7
100	10.2	7.8	11.6



#20
Pyrene
Concen: 0.332 ng/u1
RT: 19.335 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:	202	Resp:	15344
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.3	18.5
100	12.8	10.1	15.1



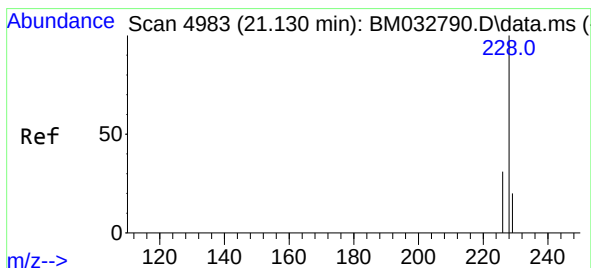
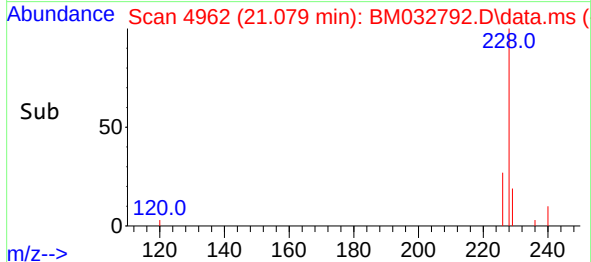
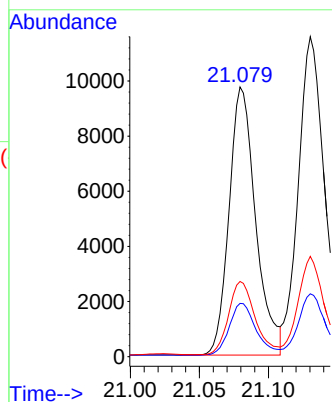
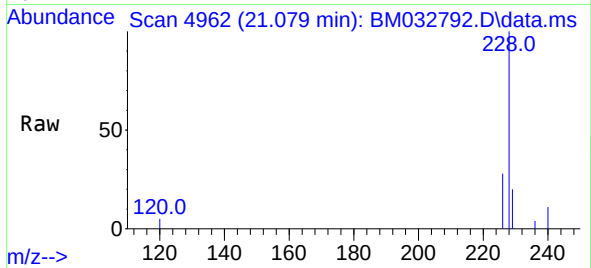


#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.079 min Scan# 4962
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Instrument :
BNA_M
ClientSampleId :
SLCS100

Tgt Ion:228 Resp: 13034

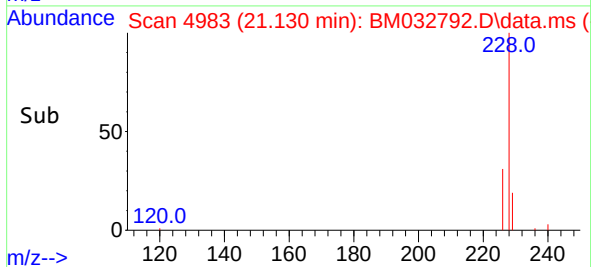
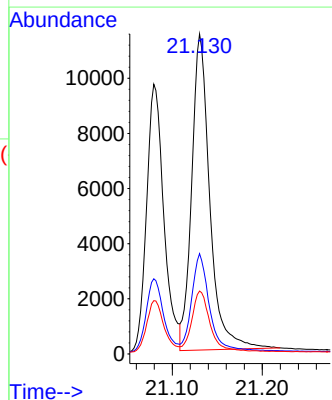
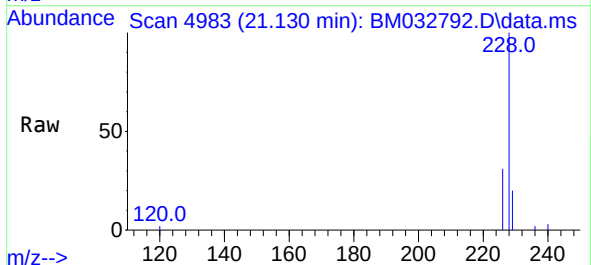
Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	27.9	22.5	33.7

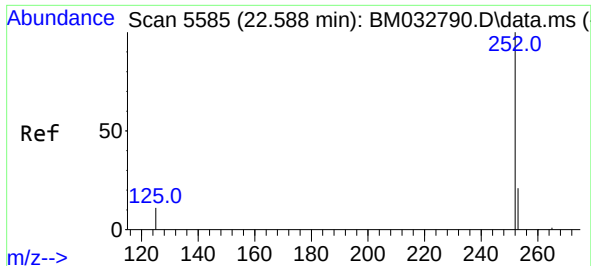


#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.130 min Scan# 4983
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:228 Resp: 15981

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	36.8
229	19.7	15.8	23.8

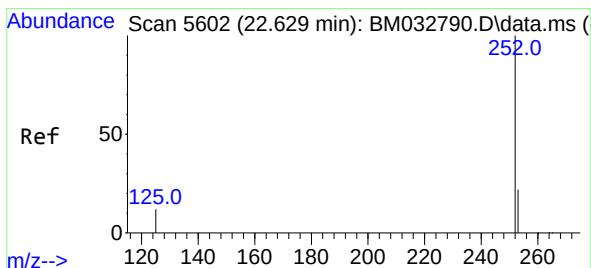
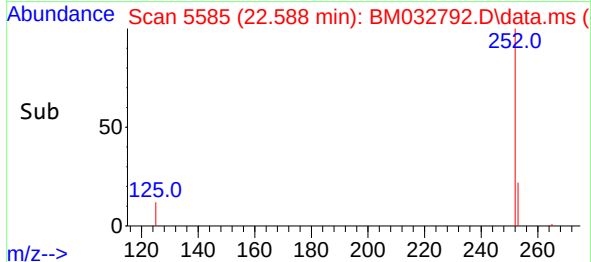
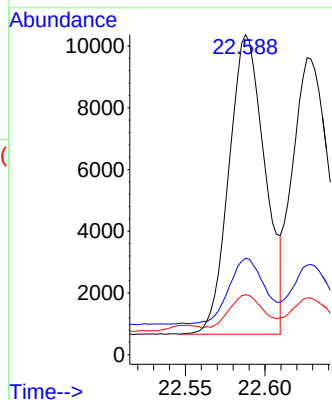
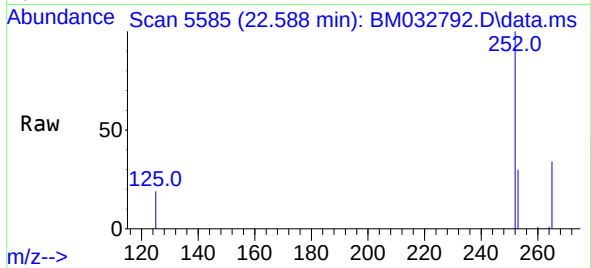




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.588 min Scan# 5585
Delta R.T. -0.000 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

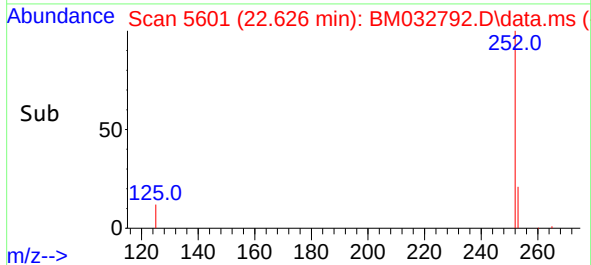
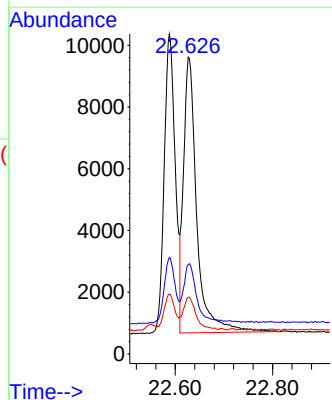
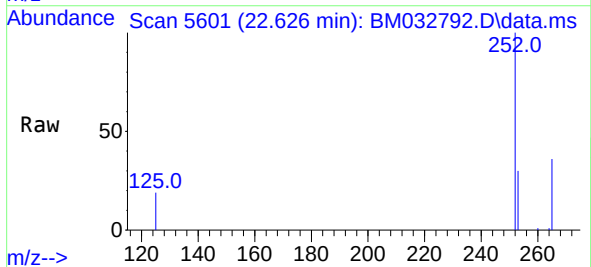
Instrument :
BNA_M
ClientSampleId :
SLCS100

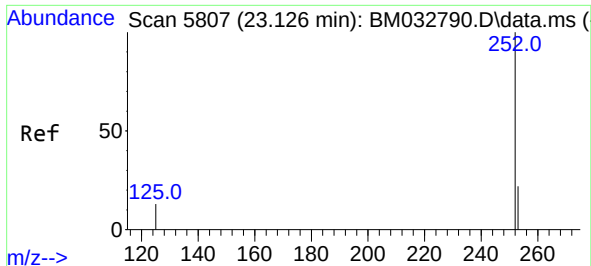
Tgt Ion:252	Resp:	15325
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 61.0
125	18.8	0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.626 min Scan# 5601
Delta R.T. -0.003 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:252	Resp:	16909
Ion Ratio	Lower	Upper
252	100	
253	30.1	25.0 37.6
125	19.1	15.5 23.3

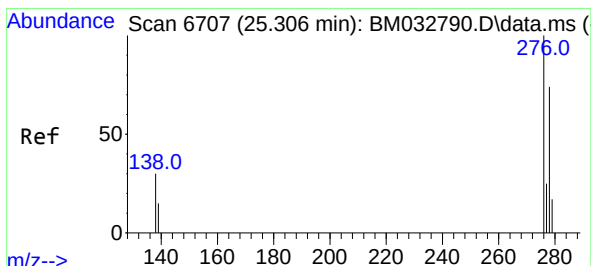
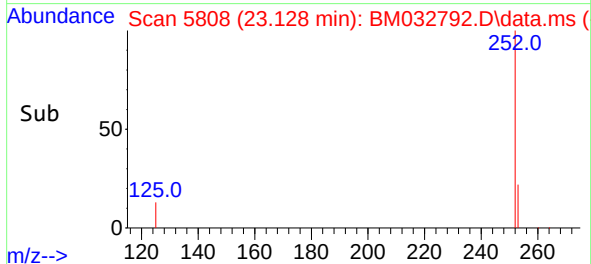
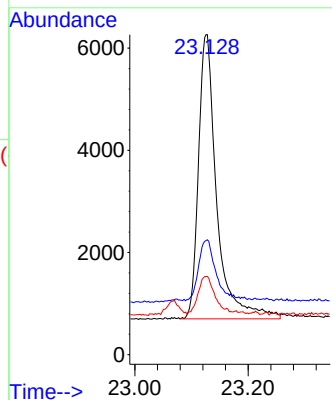
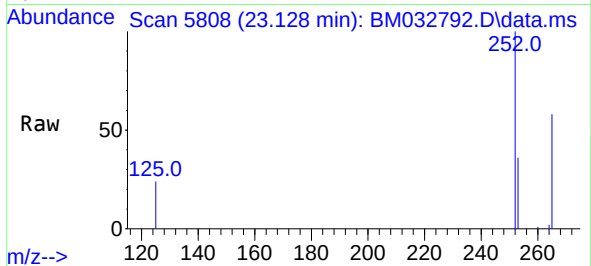




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.128 min Scan# 5808
Delta R.T. 0.002 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

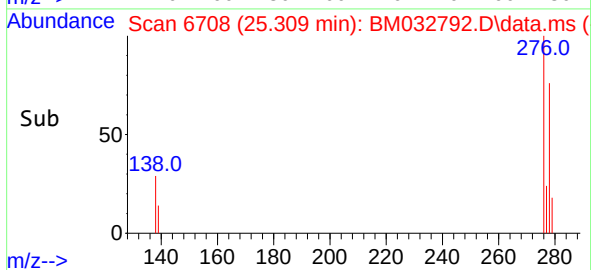
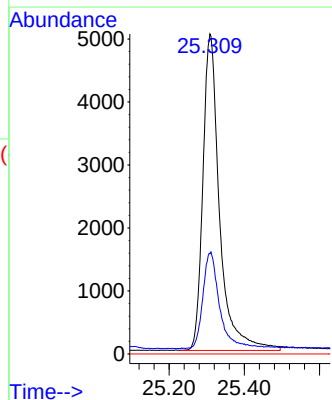
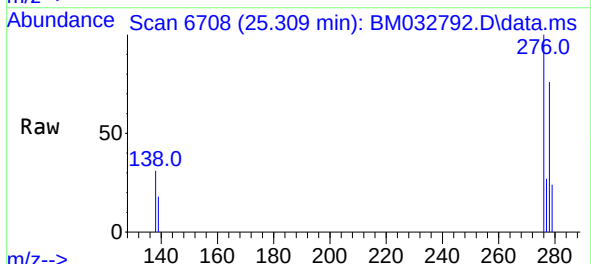
Instrument :
BNA_M
ClientSampleId :
SLCS100

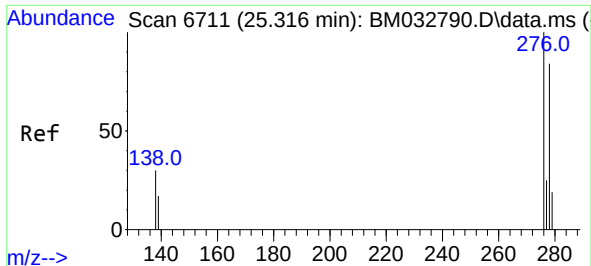
Tgt Ion:	252	Resp:	12434
Ion Ratio	Lower	Upper	
252	100		
253	35.9	29.3	43.9
125	24.5	19.4	29.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 25.309 min Scan# 6708
Delta R.T. 0.002 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:	276	Resp:	15463
Ion Ratio	Lower	Upper	
276	100		
138	31.1	24.7	37.1
227	0.0	0.0	0.0

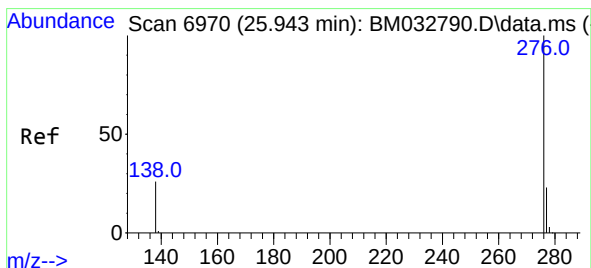
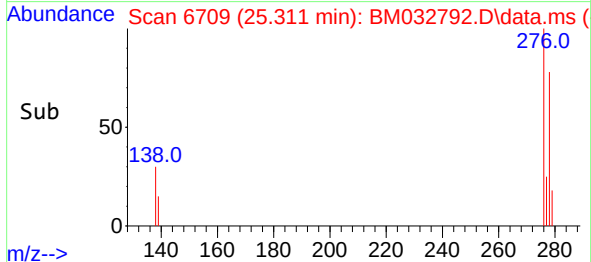
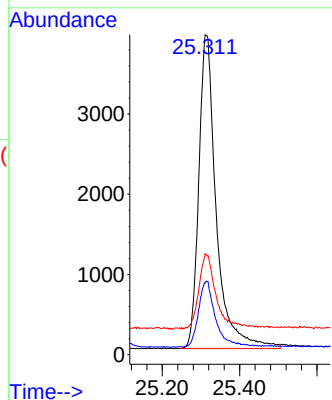
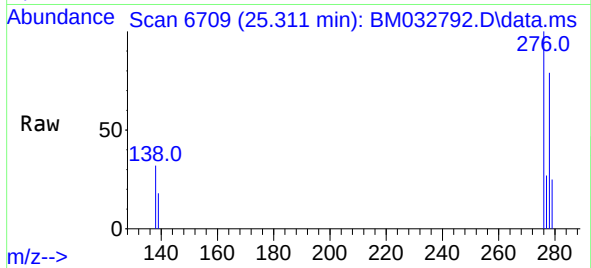




#28
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 25.311 min Scan# 6709
Delta R.T. -0.005 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Instrument :
BNA_M
ClientSampleId :
SLCS100

Tgt Ion:278 Resp: 12328
Ion Ratio Lower Upper
278 100
139 22.4 18.0 27.0
279 31.6 24.2 36.4



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 25.946 min Scan# 6971
Delta R.T. 0.002 min
Lab File: BM032792.D
Acq: 28 Oct 2021 11:18

Tgt Ion:276 Resp: 14160
Ion Ratio Lower Upper
276 100
138 27.0 23.0 34.6
277 25.9 20.6 31.0

