

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032961.D
 Acq On : 10 Nov 2021 20:22
 Operator : CG/JU
 Sample : PB140508BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS508

Quant Time: Nov 11 08:22:53 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)

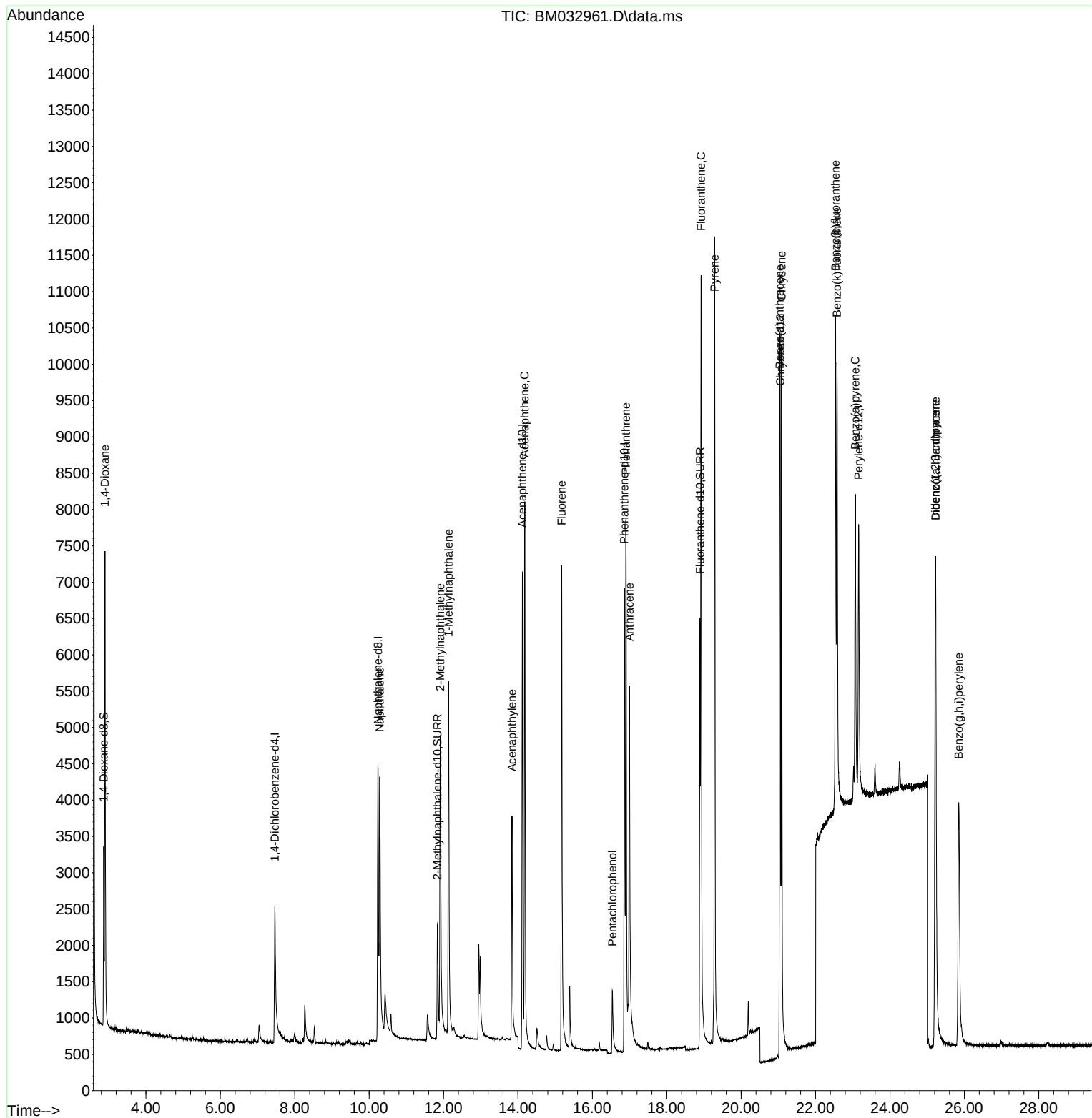
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.466	152	1703	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	6538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	3795	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.862	188	7875	0.400	ng/ul	0.00
17) Chrysene-d12	21.052	240	6318	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	4947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.864	96	1513	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.836	152	2968	0.320	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	6707	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.898	88	4205	1.883	ng/ul#	89
5) Naphthalene	10.284	128	6400	0.337	ng/ul	99
7) 2-Methylnaphthalene	11.912	142	4068	0.309	ng/ul	98
8) 1-Methylnaphthalene	12.133	142	3908	0.303	ng/ul	100
10) Acenaphthylene	13.837	152	5000	0.303	ng/ul	98
11) Acenaphthene	14.182	153	4721	0.328	ng/ul	100
12) Fluorene	15.175	166	5335	0.314	ng/ul	100
14) Pentachlorophenol	16.536	266	842	0.410	ng/ul	99
15) Phenanthrene	16.904	178	8537	0.326	ng/ul	99
16) Anthracene	16.997	178	6938	0.302	ng/ul	99
19) Fluoranthene	18.923	202	10037	0.339	ng/ul	98
20) Pyrene	19.285	202	10401	0.337	ng/ul	98
21) Benzo(a)anthracene	21.035	228	7309	0.313	ng/ul	99
22) Chrysene	21.086	228	9131	0.347	ng/ul	99
24) Benzo(b)fluoranthene	22.534	252	8210	0.362	ng/ul	96
25) Benzo(k)fluoranthene	22.575	252	8792	0.361	ng/ul	94
26) Benzo(a)pyrene	23.069	252	6451	0.345	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.221	276	7657	0.356	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.228	278	6097	0.358	ng/ul	97
29) Benzo(g,h,i)perylene	25.848	276	6945	0.372	ng/ul	99

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

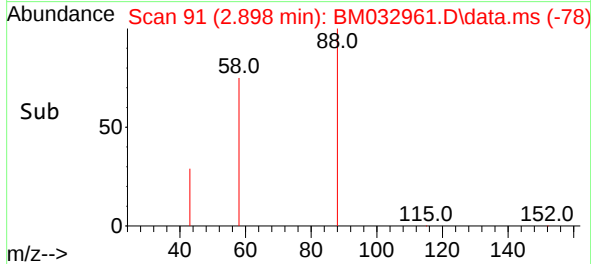
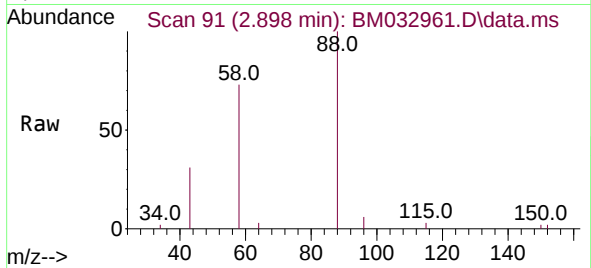
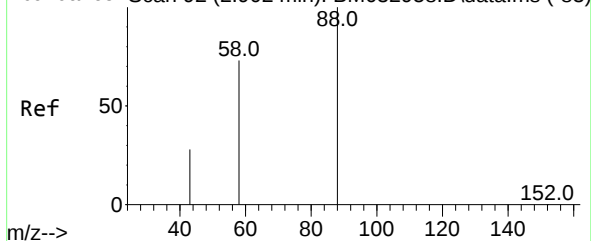
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032961.D
Acq On : 10 Nov 2021 20:22
Operator : CG/JU
Sample : PB140508BS
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ALS Vial : 56 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 13:31:56 2021
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Abundance Scan 92 (2.902 min): BM032958.D\data.ms (-83)



#2

1,4-Dioxane

Concen: 1.883 ng/ul

RT: 2.898 min Scan# 91

Delta R.T. -0.004 min

Lab File: BM032961.D

Acq: 10 Nov 2021 20:22

Instrument :

BNA_M

ClientSampleId :

SLCS508

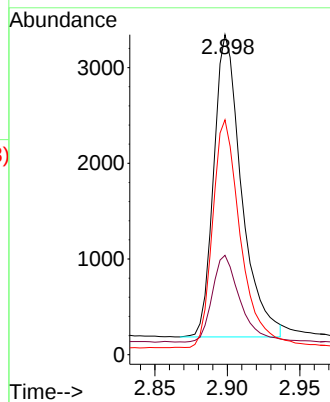
Tgt Ion: 88 Resp: 4205

Ion Ratio Lower Upper

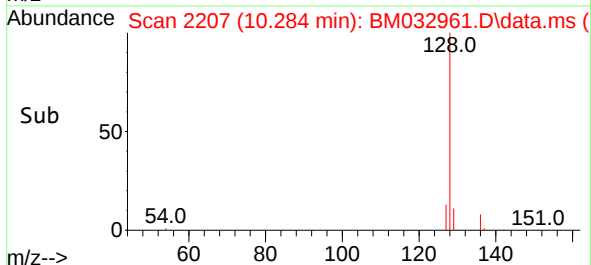
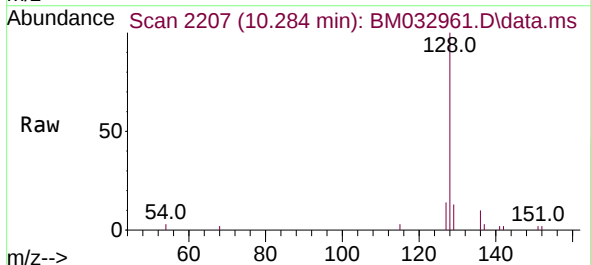
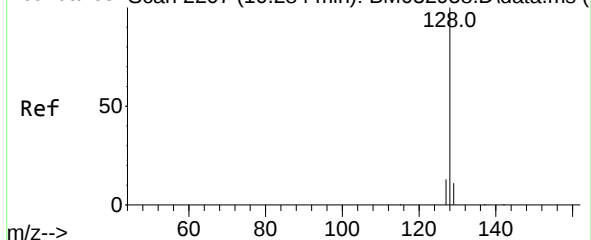
88 100

43 31.0 35.8 53.8#

58 73.4 55.8 83.8



Abundance Scan 2207 (10.284 min): BM032958.D\data.ms (-83)



#5

Naphthalene

Concen: 0.337 ng/ul

RT: 10.284 min Scan# 2207

Delta R.T. -0.005 min

Lab File: BM032961.D

Acq: 10 Nov 2021 20:22

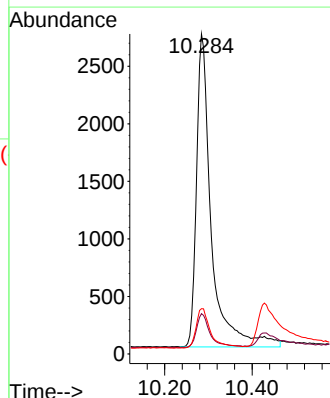
Tgt Ion: 128 Resp: 6400

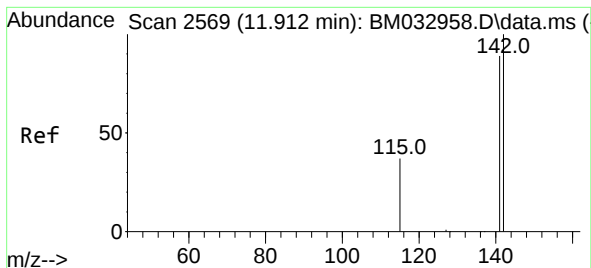
Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.6

127 14.2 11.8 17.8

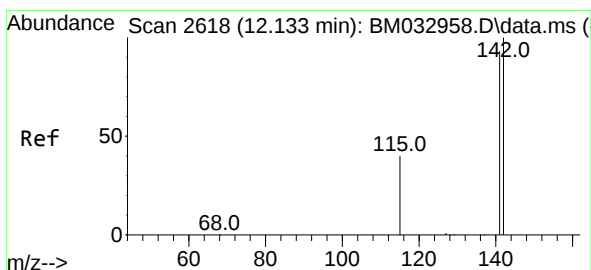
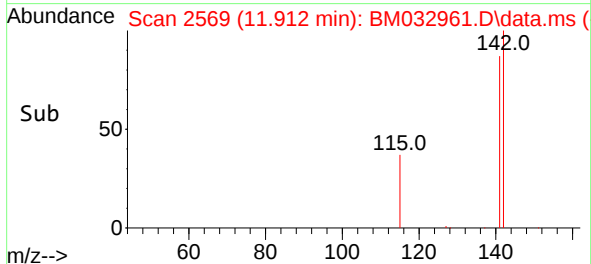
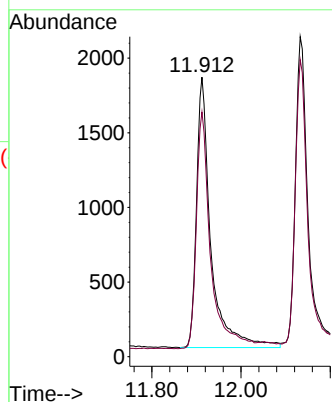
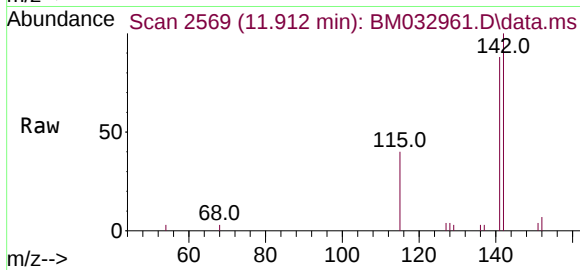




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 11.912 min Scan# 2569
Delta R.T. -0.001 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

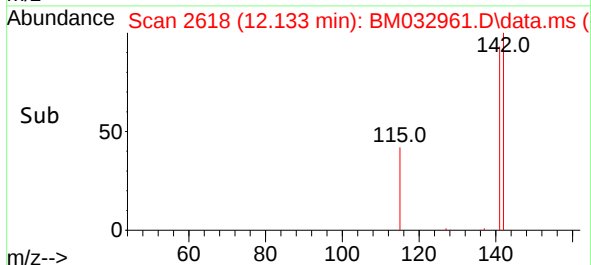
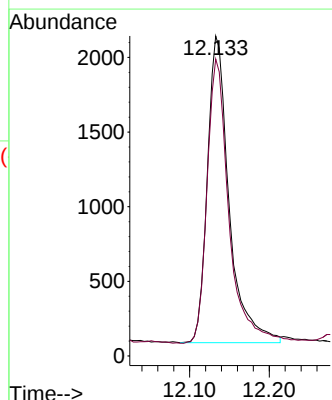
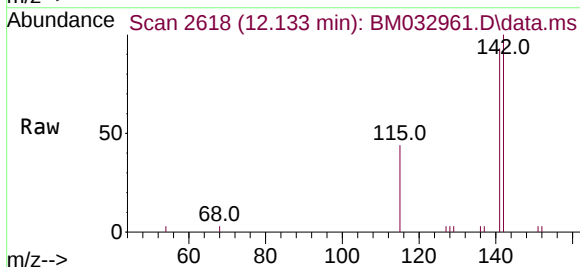
Instrument :
BNA_M
ClientSampleId :
SLCS508

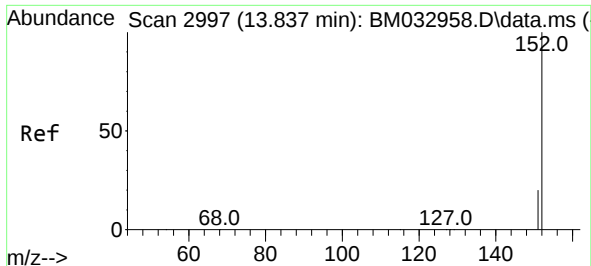
Tgt Ion:142 Resp: 4068
Ion Ratio Lower Upper
142 100
141 90.0 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.133 min Scan# 2618
Delta R.T. -0.005 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:142 Resp: 3908
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

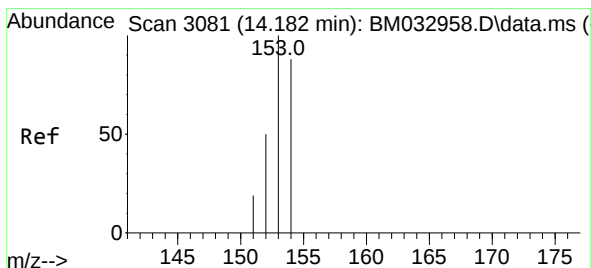
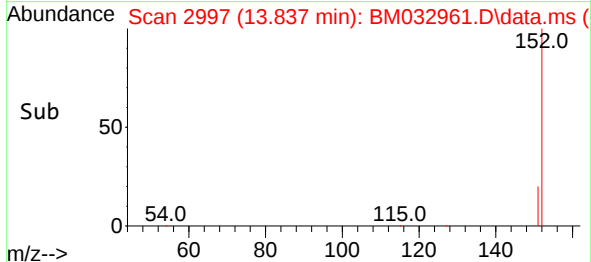
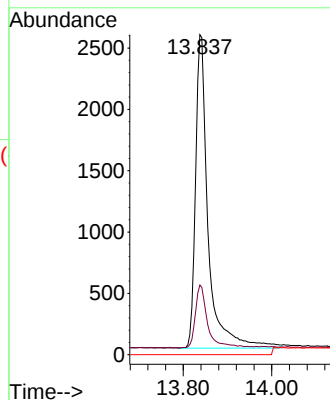
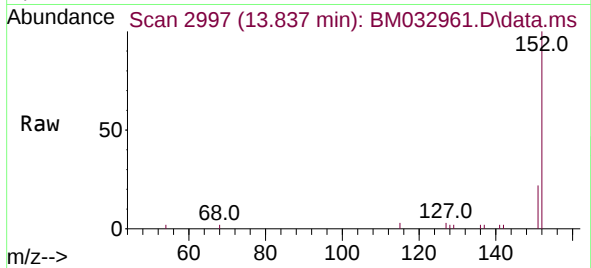




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 13.837 min Scan# 2997
Delta R.T. -0.005 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

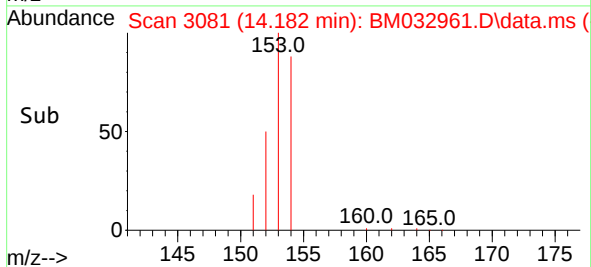
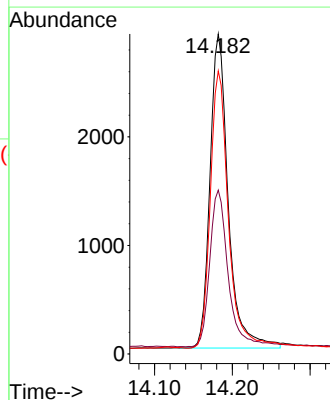
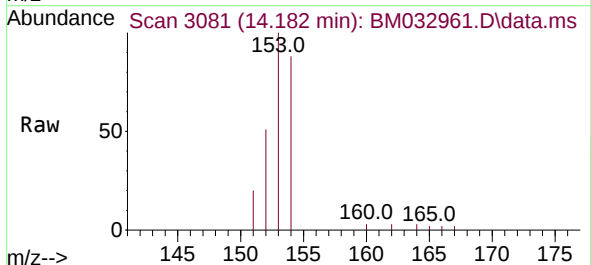
Instrument :
BNA_M
ClientSampleId :
SLCS508

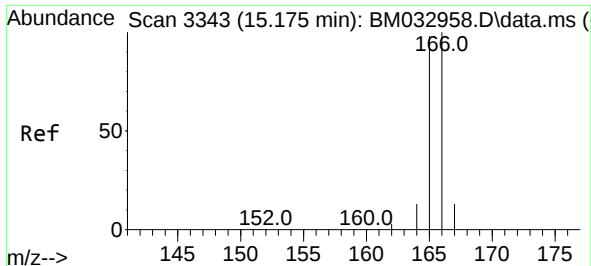
Tgt Ion:152	Resp:	5000
Ion Ratio	Lower	Upper
152	100	
151	21.8	16.7 25.1
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.182 min Scan# 3081
Delta R.T. -0.005 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:153	Resp:	4721
Ion Ratio	Lower	Upper
153	100	
152	51.2	40.6 60.8
154	88.5	70.8 106.2

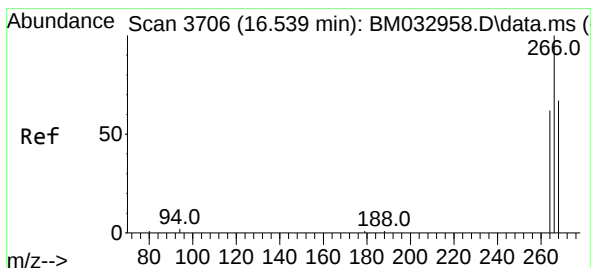
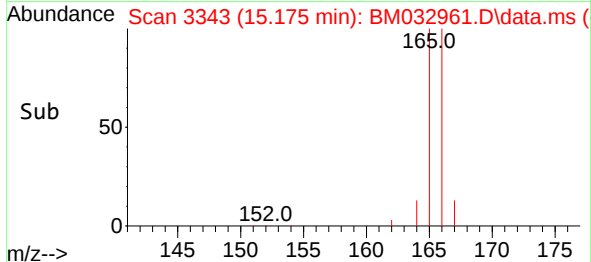
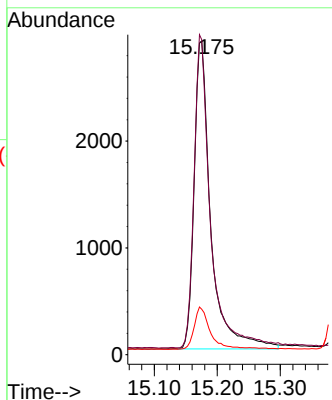
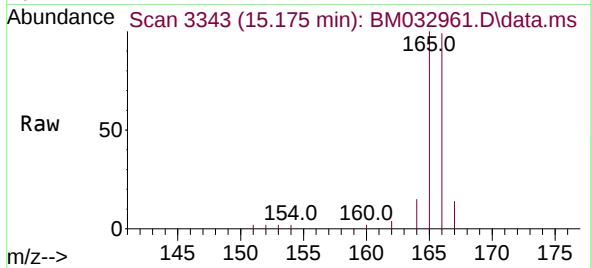




#12
 Fluorene
 Concen: 0.314 ng/ul
 RT: 15.175 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BM032961.D
 Acq: 10 Nov 2021 20:22

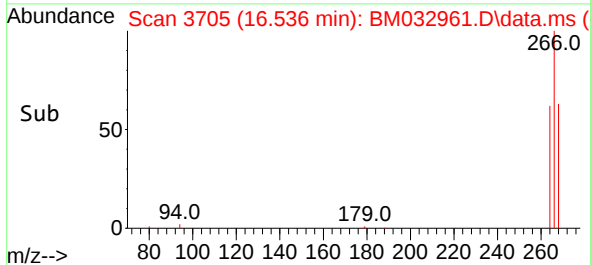
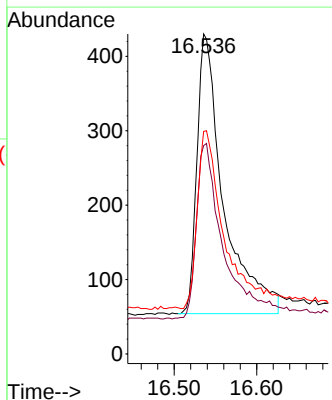
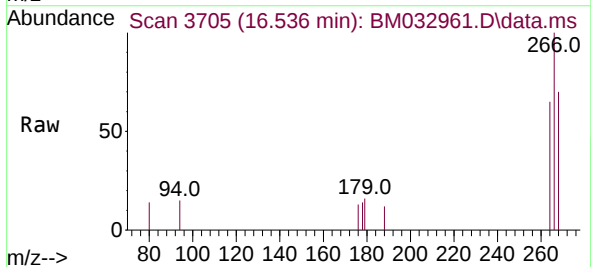
Instrument :
 BNA_M
 ClientSampleId :
 SLCS508

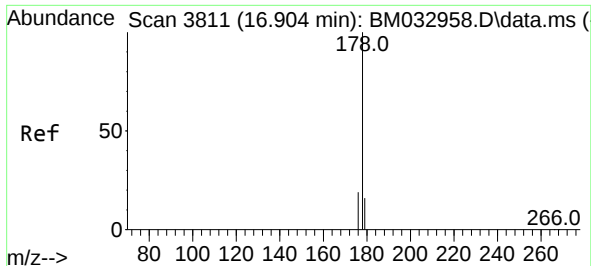
Tgt Ion:166	Resp:	5335
Ion Ratio	Lower	Upper
166	100	
165	100.5	80.8 121.2
167	14.5	11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.410 ng/ul
 RT: 16.536 min Scan# 3705
 Delta R.T. -0.008 min
 Lab File: BM032961.D
 Acq: 10 Nov 2021 20:22

Tgt Ion:266	Resp:	842
Ion Ratio	Lower	Upper
266	100	
264	63.9	51.2 76.8
268	65.0	52.9 79.3

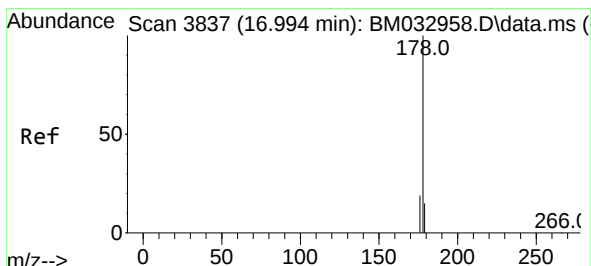
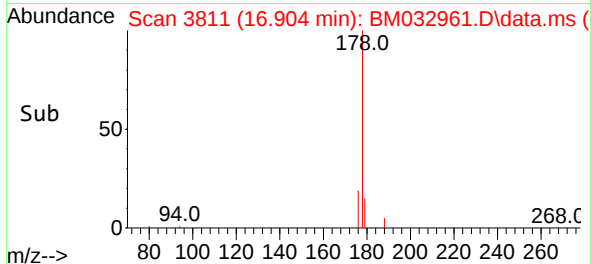
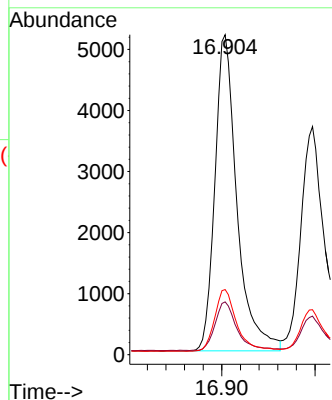
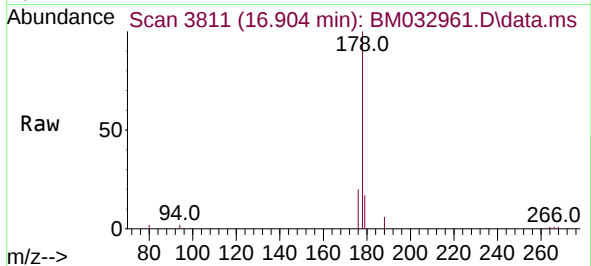




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 16.904 min Scan# 3811
Delta R.T. -0.004 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

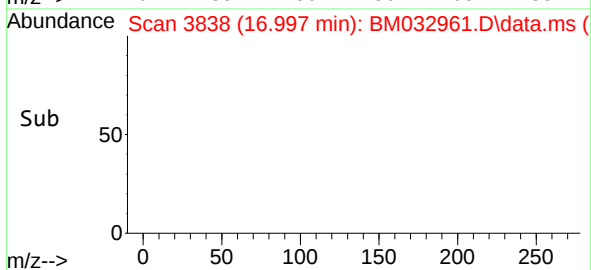
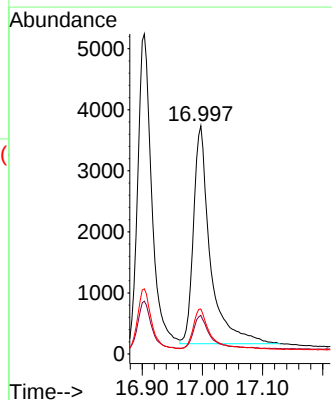
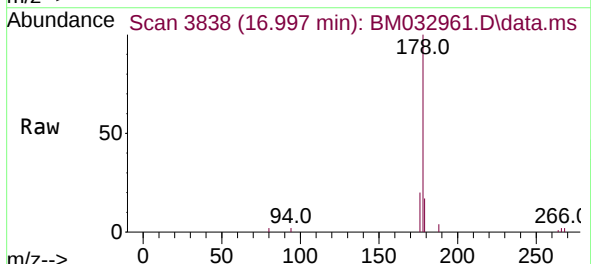
Instrument :
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ClientSampleId :
SLCS508

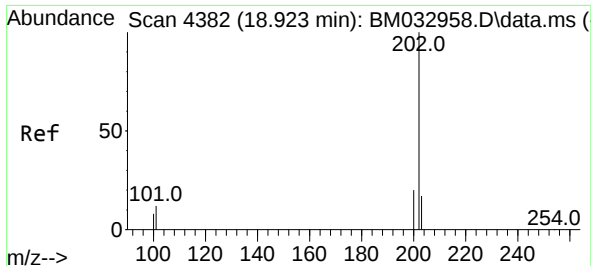
Tgt Ion:	178	Resp:	8537
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	20.3	16.0	24.0



#16
Anthracene
Concen: 0.302 ng/ul
RT: 16.997 min Scan# 3838
Delta R.T. -0.001 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:	178	Resp:	6938
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.0	19.6
176	19.7	15.6	23.4

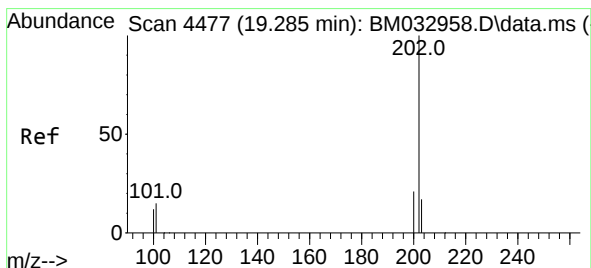
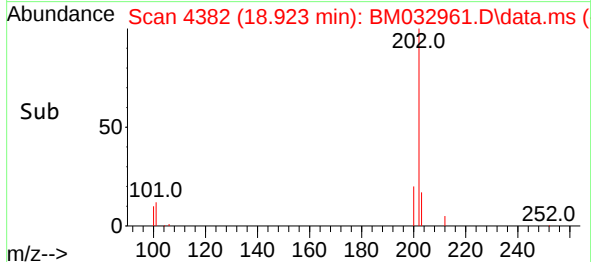
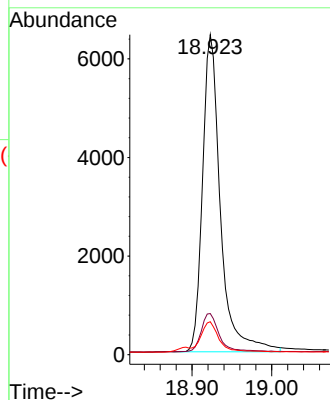
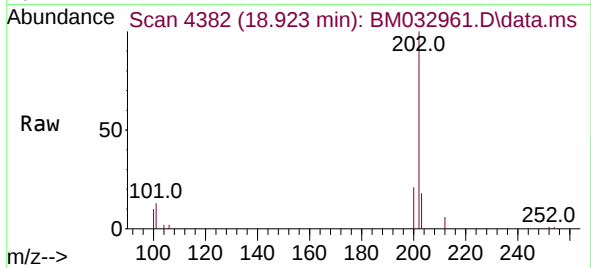




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.005 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

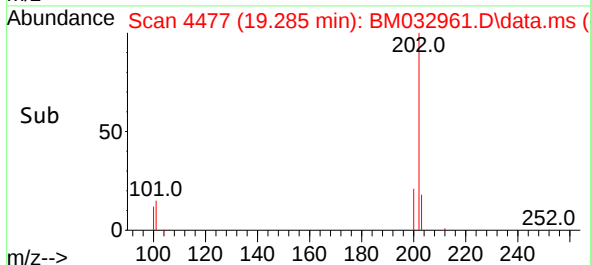
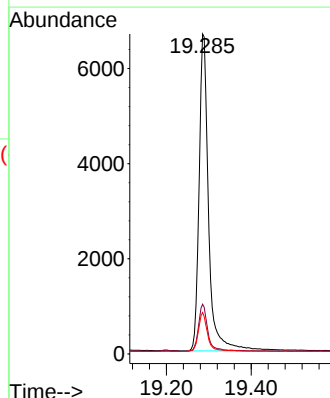
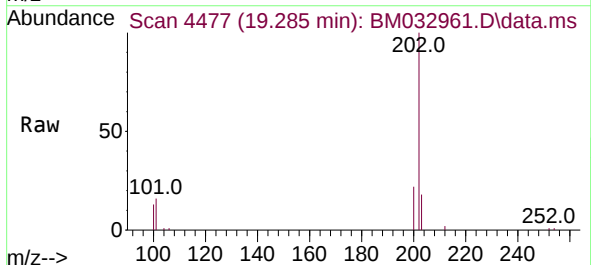
Instrument :
BNA_M
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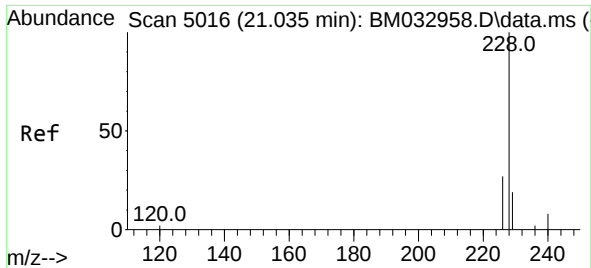
Tgt Ion:	202	Resp:	10037
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.9	14.9
100	10.3	7.3	10.9



#20
Pyrene
Concen: 0.337 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.005 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:	202	Resp:	10401
Ion Ratio	Lower	Upper	
202	100		
101	15.5	11.8	17.6
100	12.9	9.5	14.3

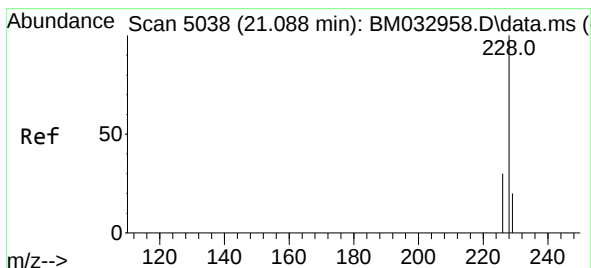
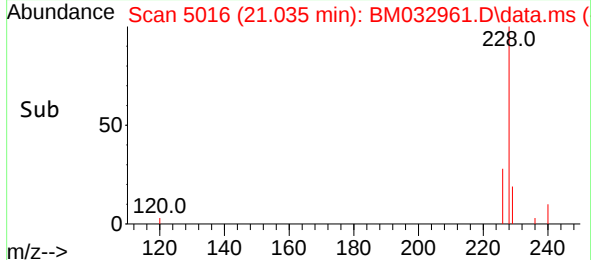
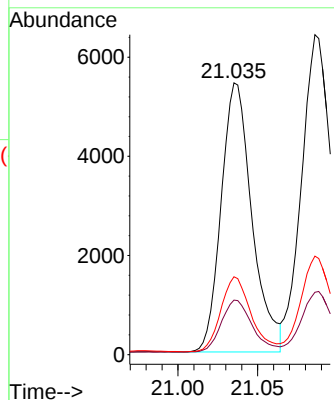
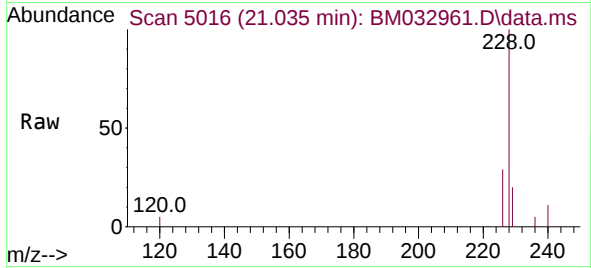




#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.035 min Scan# 5016
Delta R.T. -0.003 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

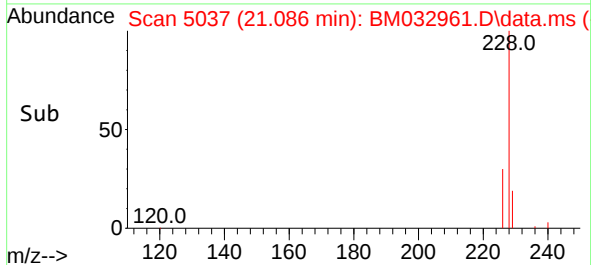
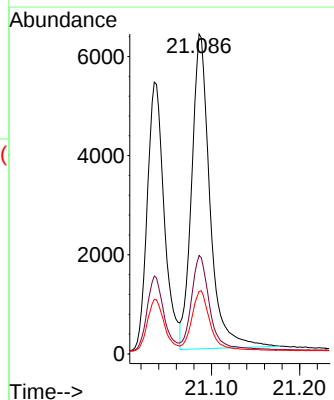
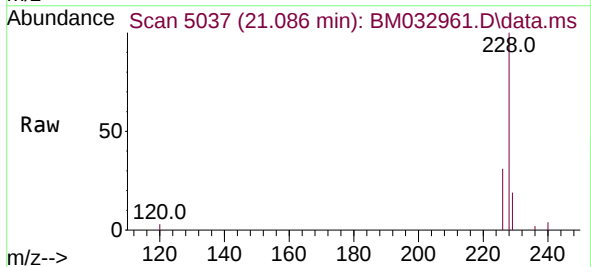
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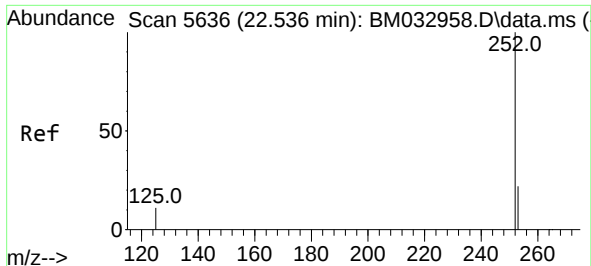
Tgt Ion:228	Resp:	7309
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.7 23.5
226	28.6	22.4 33.6



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.086 min Scan# 5037
Delta R.T. -0.006 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:228	Resp:	9131
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.9 37.3
229	19.5	16.1 24.1

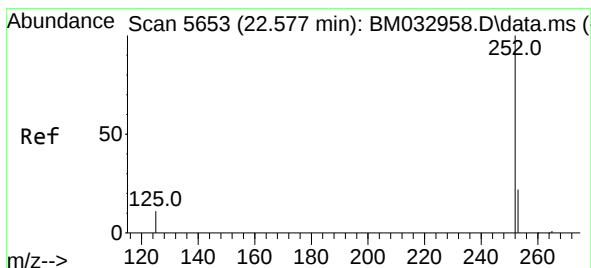
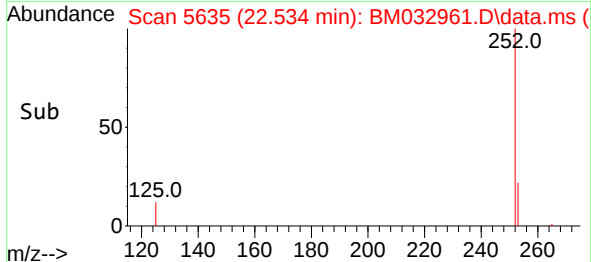
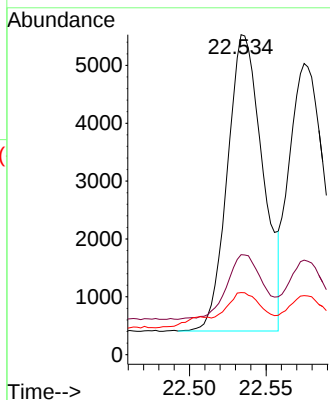
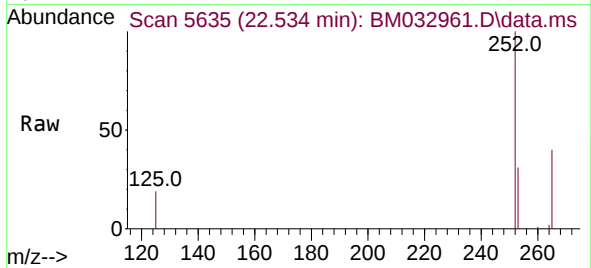




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 22.534 min Scan# 5635
Delta R.T. -0.008 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

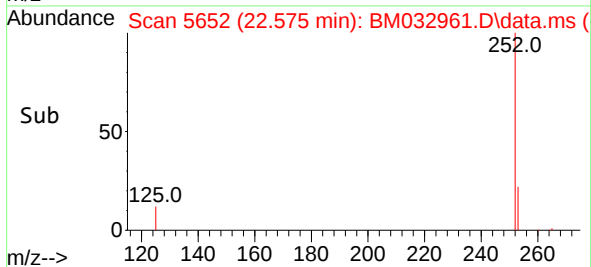
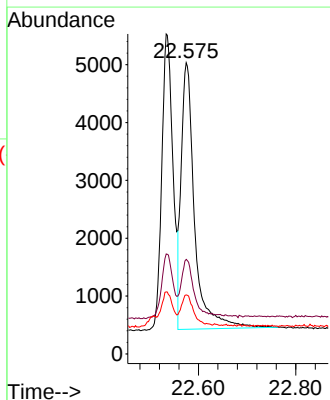
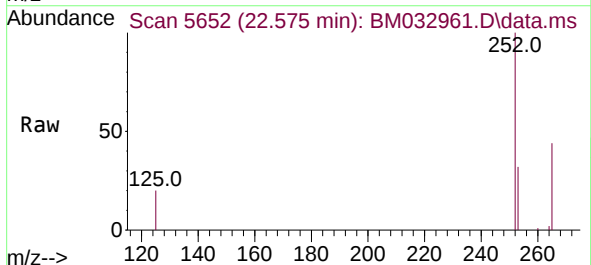
Instrument :
BNA_M
ClientSampleId :
SLCS508

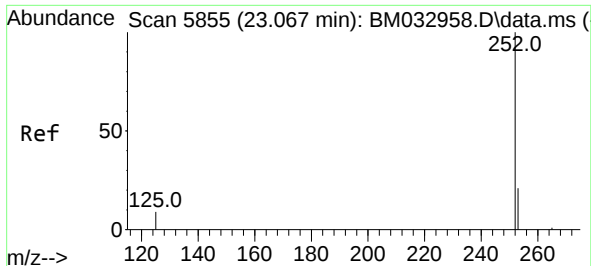
Tgt Ion:252 Resp: 8210
Ion Ratio Lower Upper
252 100
253 31.2 0.0 59.2
125 19.4 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.575 min Scan# 5652
Delta R.T. -0.008 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:252 Resp: 8792
Ion Ratio Lower Upper
252 100
253 32.5 23.1 34.7
125 20.3 14.6 21.8

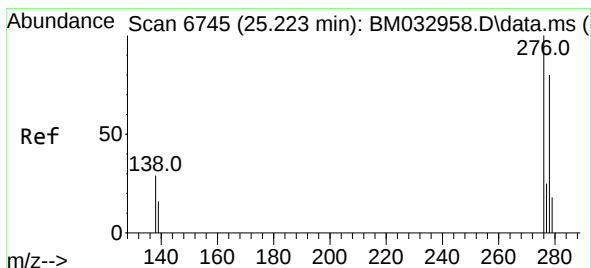
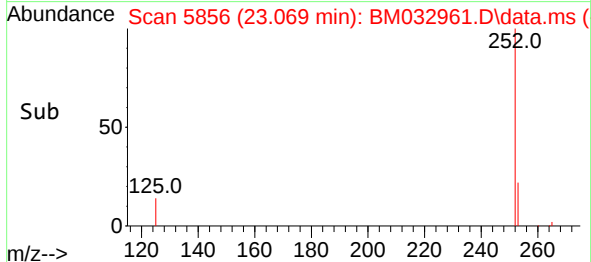
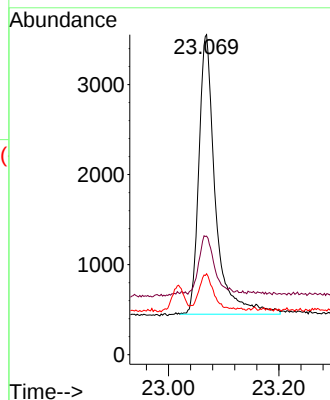
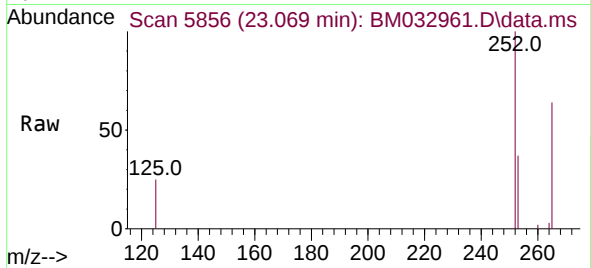




#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.069 min Scan# 5855
Delta R.T. -0.003 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

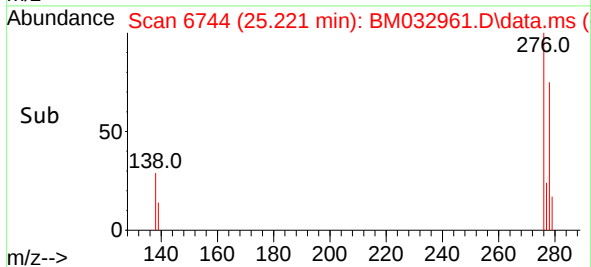
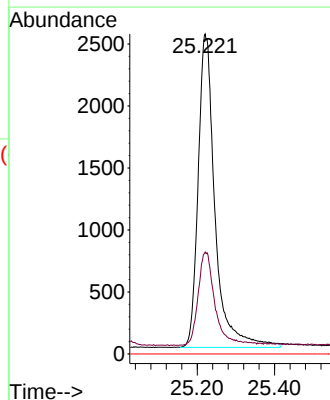
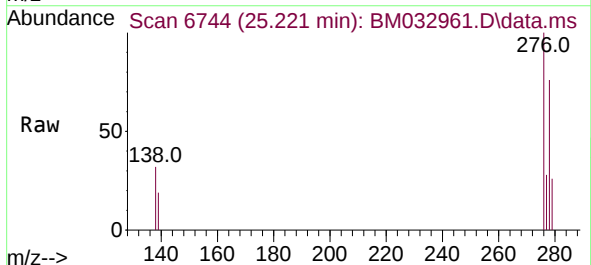
Instrument :
BNA_M
ClientSampleId :
SLCS508

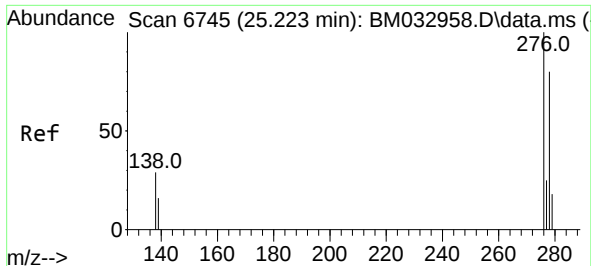
Tgt Ion:252 Resp: 6451
Ion Ratio Lower Upper
252 100
253 37.0 27.1 40.7
125 25.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.221 min Scan# 6744
Delta R.T. -0.013 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:276 Resp: 7657
Ion Ratio Lower Upper
276 100
138 29.8 22.9 34.3
227 0.0 0.0 0.0

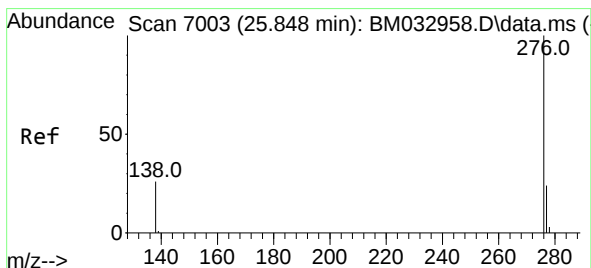
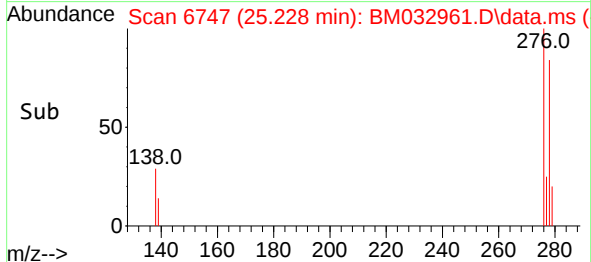
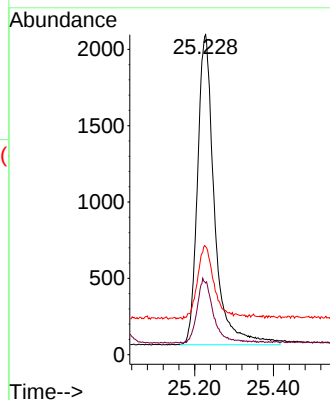
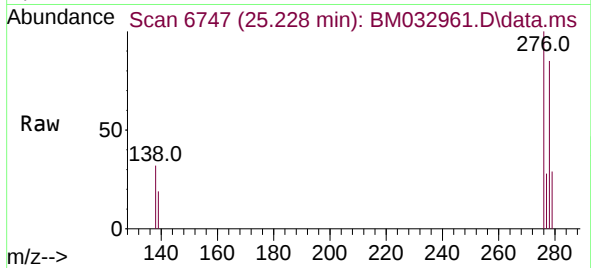




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.228 min Scan# 61
Delta R.T. -0.008 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Instrument :
BNA_M
ClientSampleId :
SLCS508

Tgt Ion:278 Resp: 6097
Ion Ratio Lower Upper
278 100
139 22.4 18.2 27.2
279 33.7 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 25.848 min Scan# 7003
Delta R.T. -0.013 min
Lab File: BM032961.D
Acq: 10 Nov 2021 20:22

Tgt Ion:276 Resp: 6945
Ion Ratio Lower Upper
276 100
138 27.0 22.2 33.2
277 26.4 21.0 31.4

