

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032370.D
 Acq On : 07 Oct 2021 23:22
 Operator : CG/JU
 Sample : PB139487BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS487

Quant Time: Oct 08 03:36:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

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

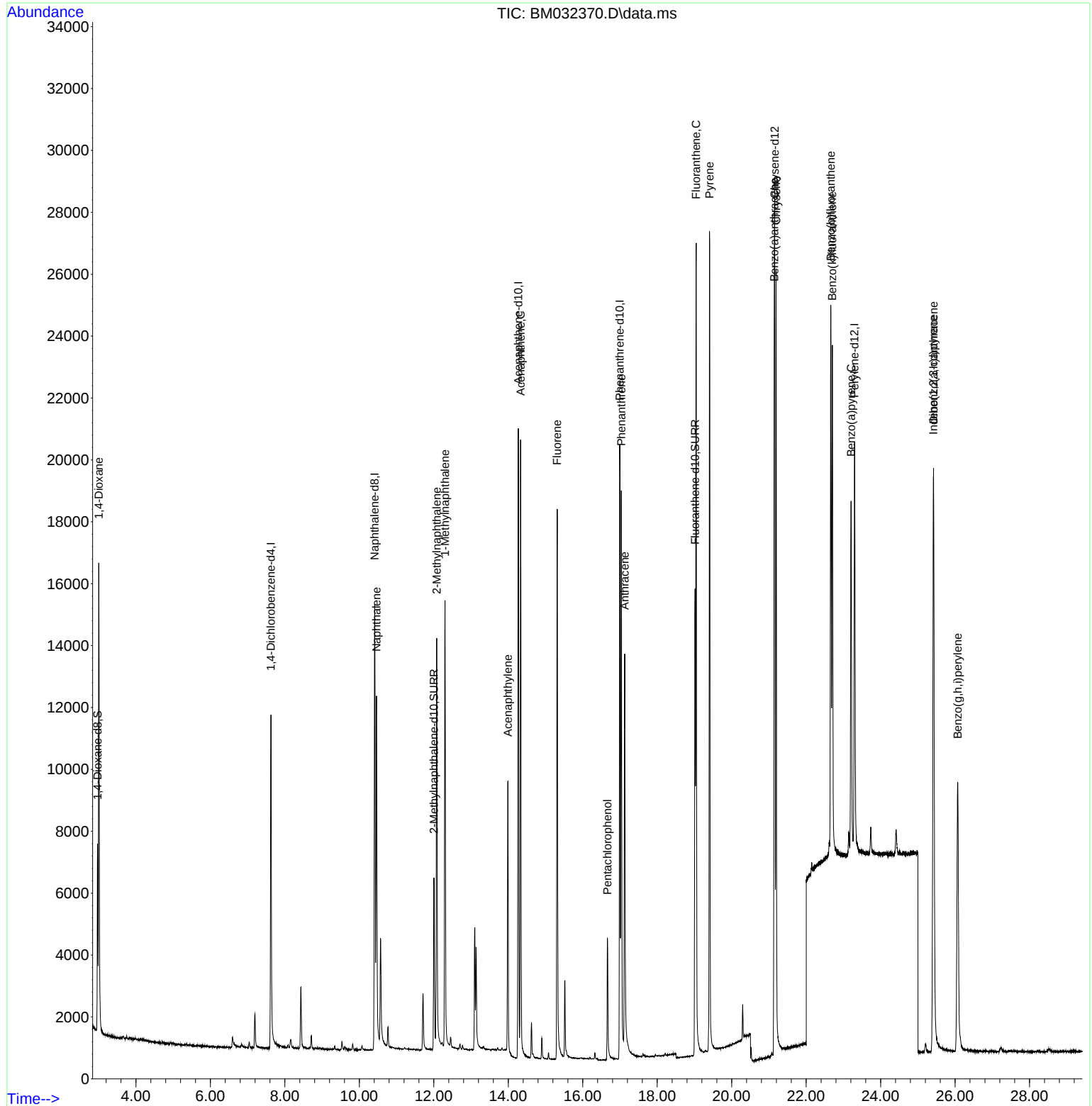
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6114	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	21018	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	11165	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	22849	0.40	ng/ul	0.00
17) Chrysene-d12	21.157	240	18819	0.40	ng/ul	0.00
23) Perylene-d12	23.300	264	16289	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	3999	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	7838	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	15968	0.31	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.003	88	10329	1.53	ng/ul	91
5) Naphthalene	10.460	128	16042	0.26	ng/ul	99
7) 2-Methylnaphthalene	12.079	142	10499	0.26	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	10028	0.26	ng/ul	100
10) Acenaphthylene	13.991	152	10486	0.23	ng/ul#	86
11) Acenaphthene	14.331	153	11063	0.27	ng/ul	99
12) Fluorene	15.313	166	12190	0.26	ng/ul	99
14) Pentachlorophenol	16.665	266	2863	0.50	ng/ul	100
15) Phenanthrene	17.036	178	19581	0.26	ng/ul	99
16) Anthracene	17.126	178	15683	0.26	ng/ul	99
19) Fluoranthene	19.046	202	22141	0.28	ng/ul	99
20) Pyrene	19.408	202	22642	0.29	ng/ul	98
21) Benzo(a)anthracene	21.140	228	18393	0.28	ng/ul	99
22) Chrysene	21.193	228	21292	0.27	ng/ul	100
24) Benzo(b)fluoranthene	22.660	252	20513	0.24	ng/ul	98
25) Benzo(k)fluoranthene	22.702	252	20776	0.25	ng/ul	97
26) Benzo(a)pyrene	23.205	252	16504	0.26	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.415	276	19500	0.24	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.420	278	15527	0.24	ng/ul	98
29) Benzo(g,h,i)perylene	26.072	276	16966	0.22	ng/ul	98

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

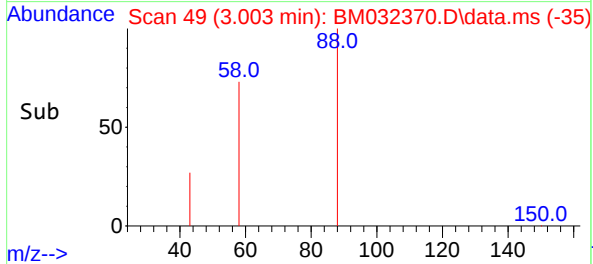
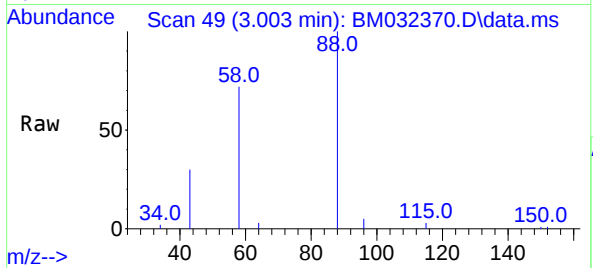
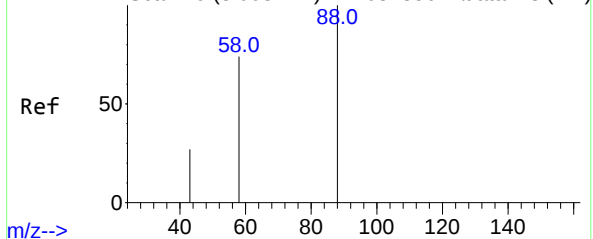
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032370.D
Acq On : 07 Oct 2021 23:22
Operator : CG/JU
Sample : PB139487BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Oct 08 03:36:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

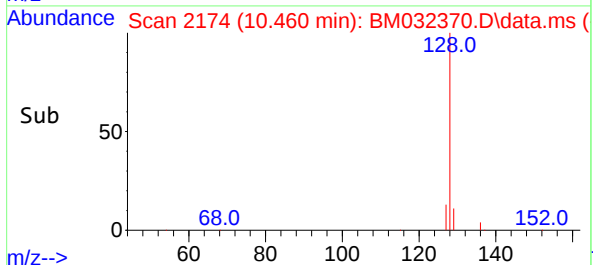
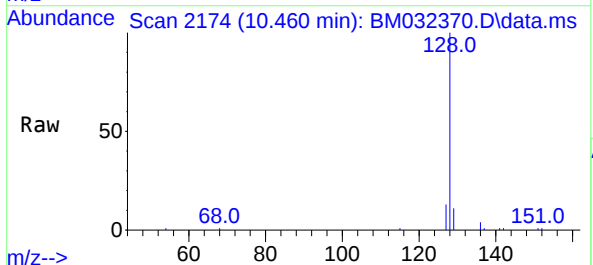
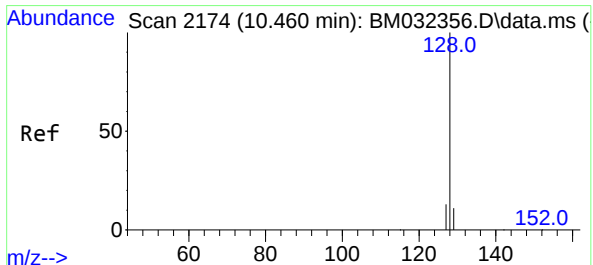
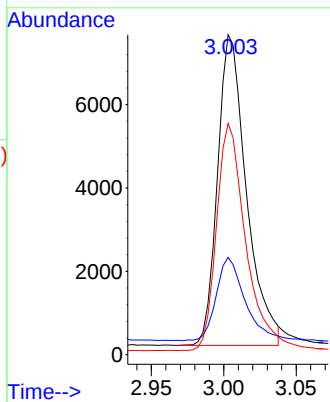


Abundance Scan 49 (3.003 min): BM032356.D\data.ms (-41)



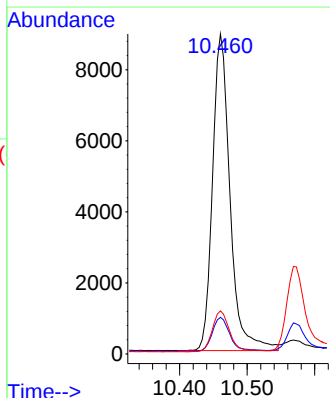
#2
1,4-Dioxane
Concen: 1.53 ng/ul
RT: 3.003 min Scan# 49
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

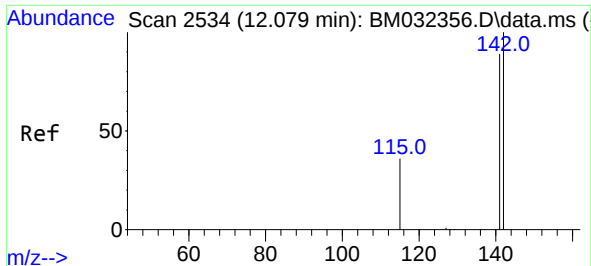
Tgt Ion: 88	Resp: 10329
Ion Ratio	Lower Upper
88	100
43	30.4 26.1 39.1
58	72.3 50.2 75.2



#5
Naphthalene
Concen: 0.26 ng/ul
RT: 10.460 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion: 128	Resp: 16042
Ion Ratio	Lower Upper
128	100
129	11.4 9.0 13.4
127	13.4 10.5 15.7

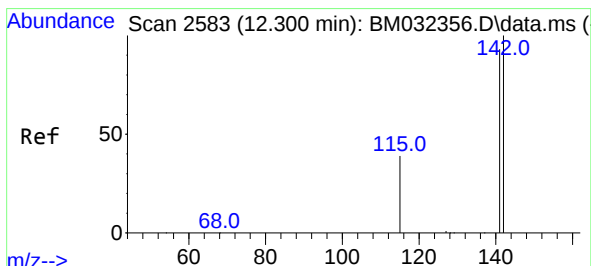
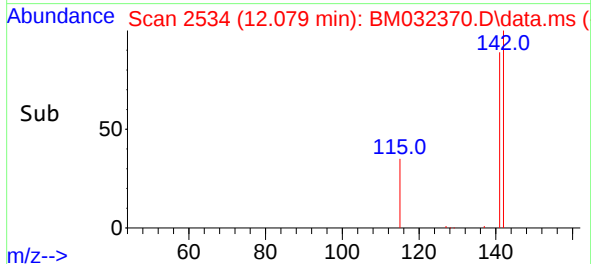
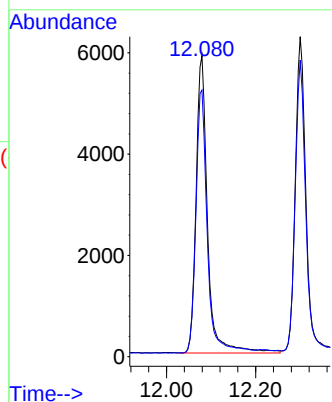
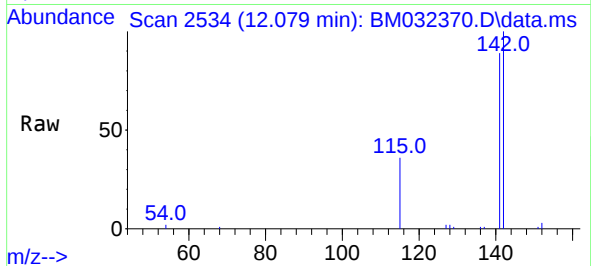




#7
2-Methylnaphthalene
Concen: 0.26 ng/ul
RT: 12.079 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

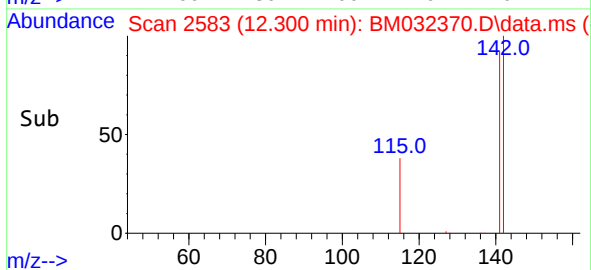
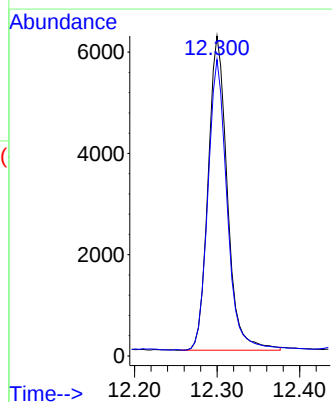
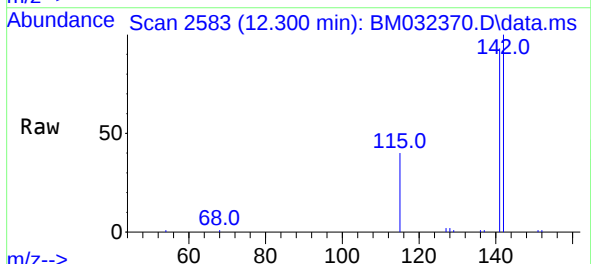
Instrument :
BNA_M
ClientSampleId :
SLCS487

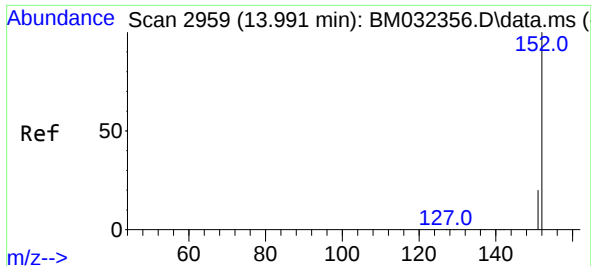
Tgt Ion:142 Resp: 10499
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.26 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

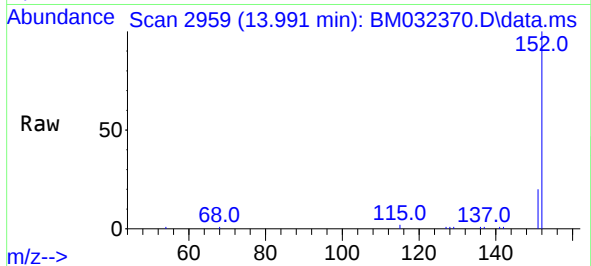
Tgt Ion:142 Resp: 10028
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6



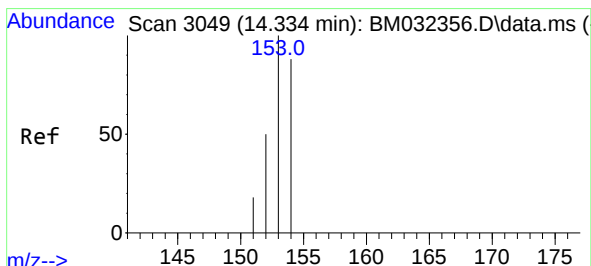
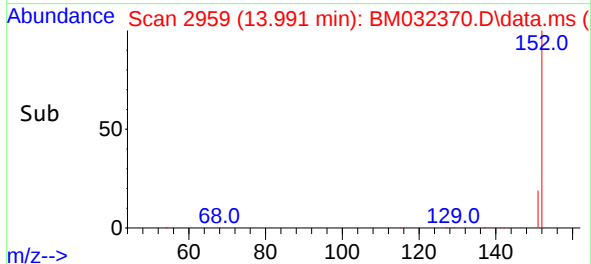
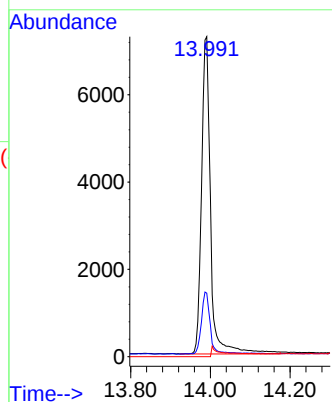


#10
Acenaphthylene
Concen: 0.23 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Instrument :
BNA_M
ClientSampleId :
SLCS487

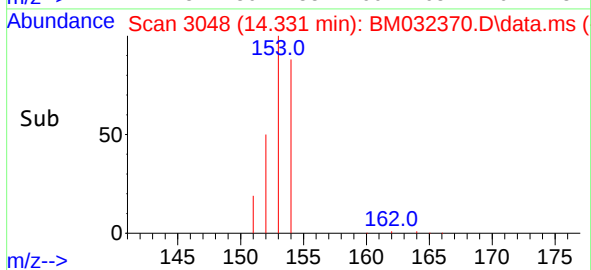
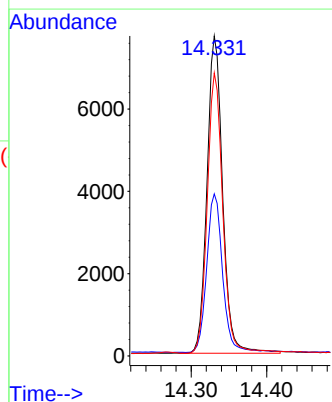
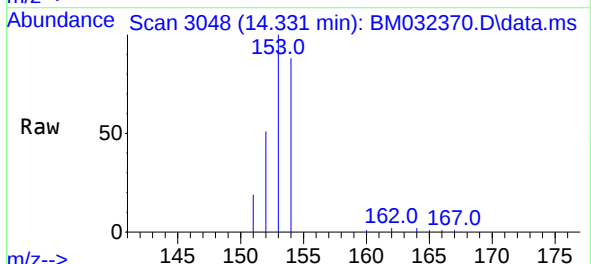


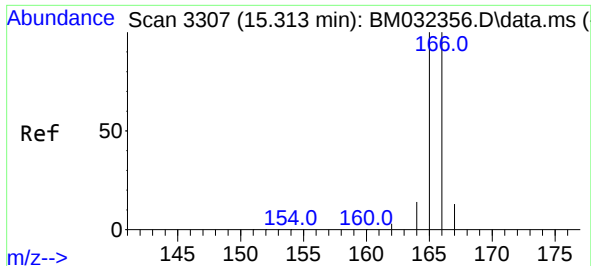
Tgt Ion:152 Resp: 10486
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 0.0 10.7 16.1#



#11
Acenaphthene
Concen: 0.27 ng/ul
RT: 14.331 min Scan# 3048
Delta R.T. -0.004 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:153 Resp: 11063
Ion Ratio Lower Upper
153 100
152 50.6 41.6 62.4
154 88.4 71.2 106.8

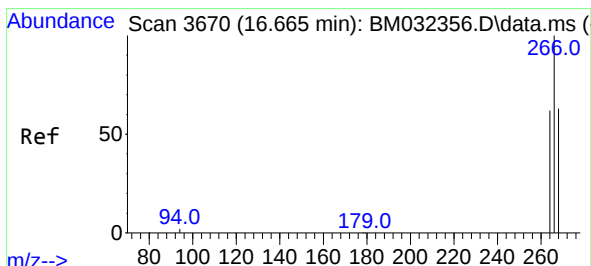
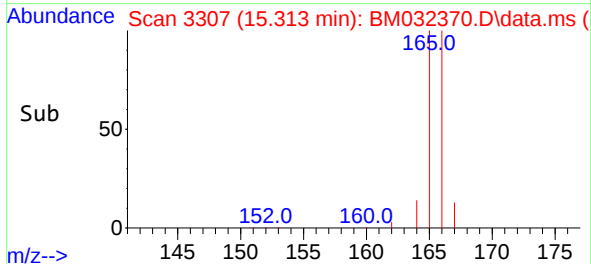
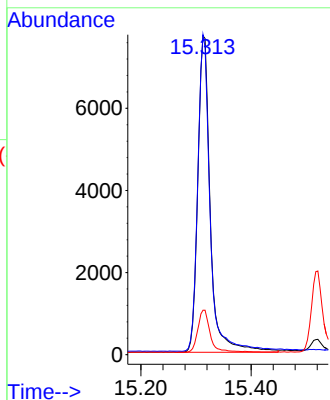
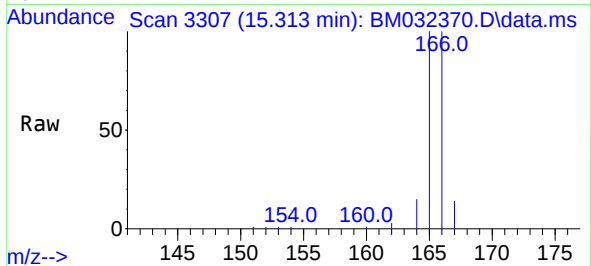




#12
Fluorene
Concen: 0.26 ng/ul
RT: 15.313 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

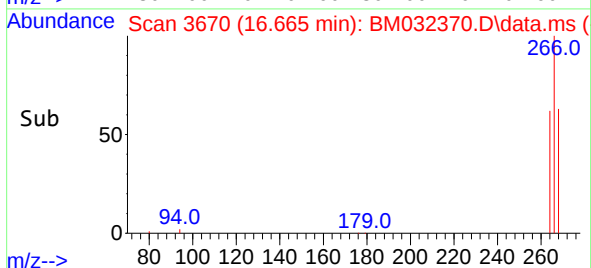
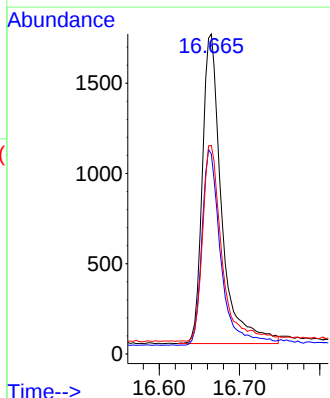
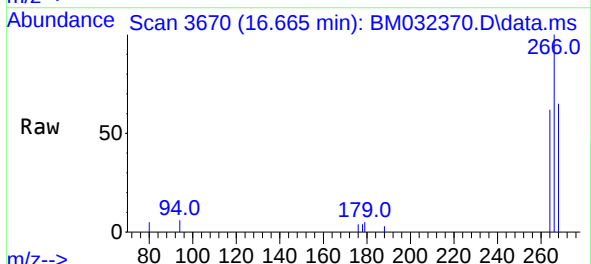
Instrument :
BNA_M
ClientSampleId :
SLCS487

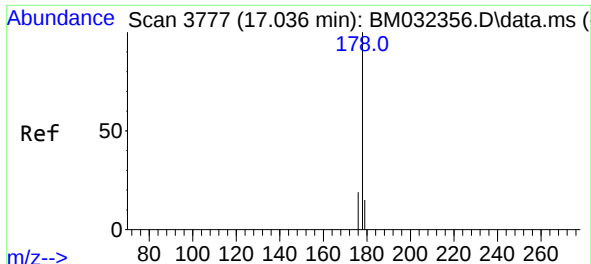
Tgt Ion:	166	Resp:	12190
Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.4	119.2
167	14.0	10.8	16.2



#14
Pentachlorophenol
Concen: 0.50 ng/ul
RT: 16.665 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:	266	Resp:	2863
Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	63.4	50.4	75.6

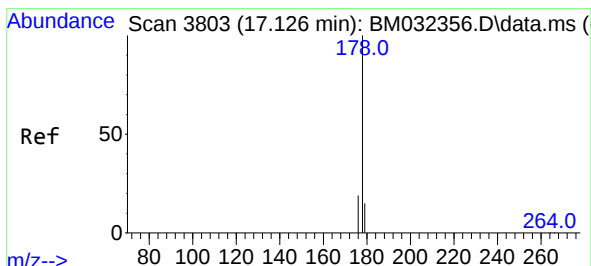
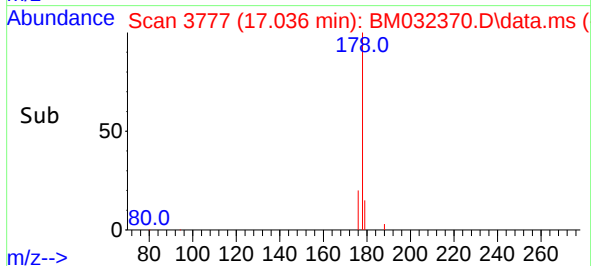
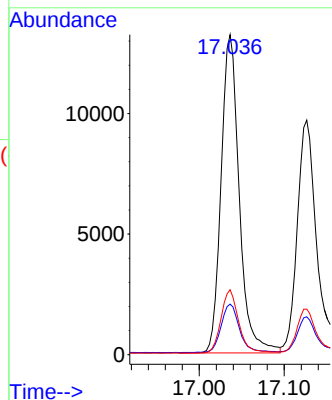
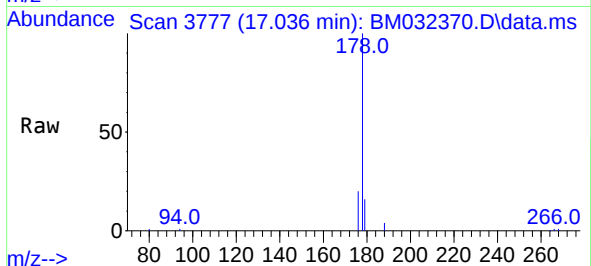




#15
Phenanthrene
Concen: 0.26 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

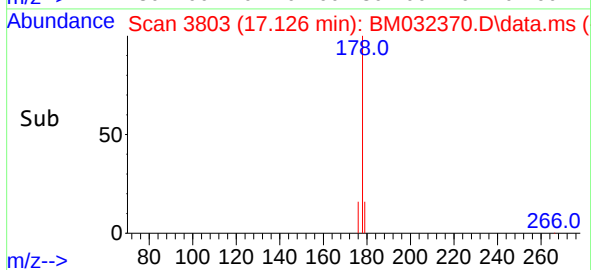
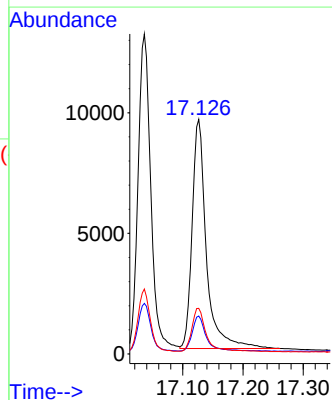
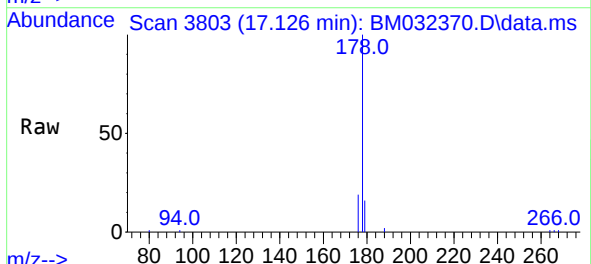
Instrument :
BNA_M
ClientSampleId :
SLCS487

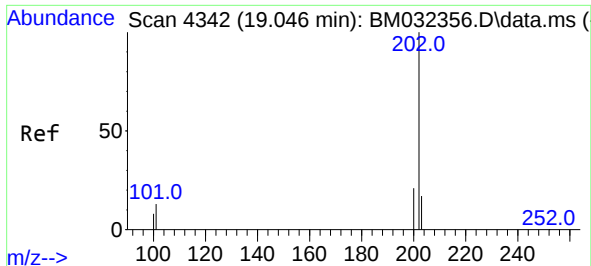
Tgt Ion:	178	Resp:	19581
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	20.3	15.8	23.6



#16
Anthracene
Concen: 0.26 ng/ul
RT: 17.126 min Scan# 3803
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:	178	Resp:	15683
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.4	15.3	22.9

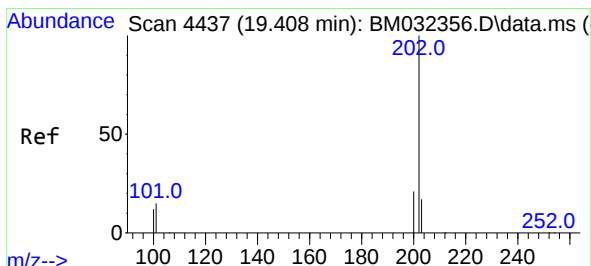
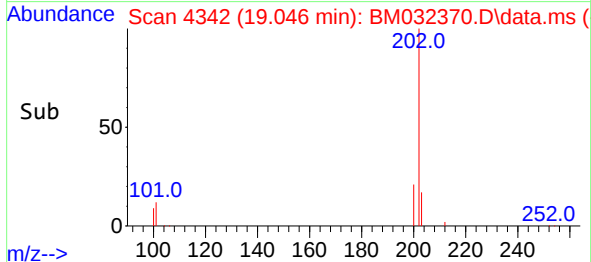
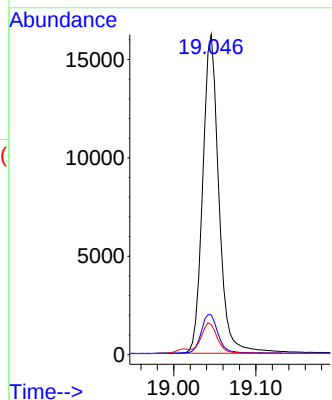
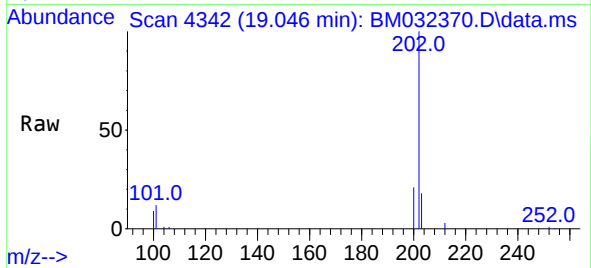




#19
Fluoranthene
Concen: 0.28 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

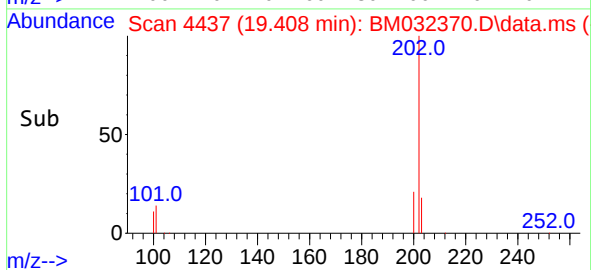
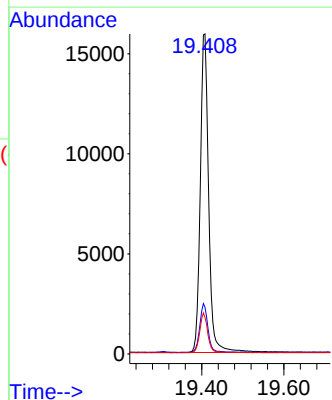
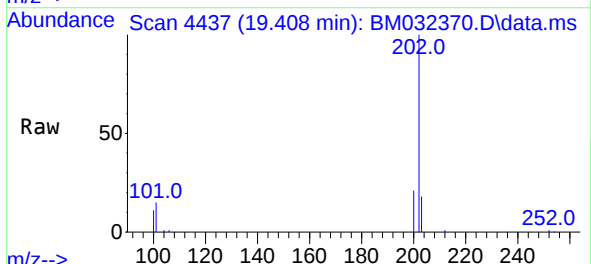
Instrument :
BNA_M
ClientSampleId :
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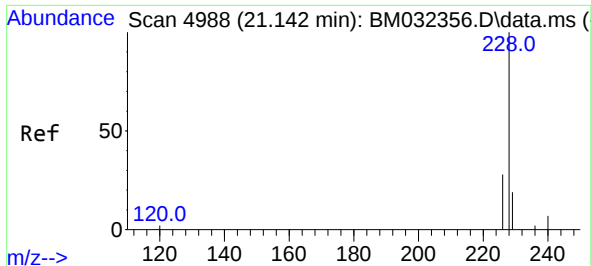
Tgt Ion:	202	Resp:	22141
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.8	14.8
100	9.4	7.2	10.8



#20
Pyrene
Concen: 0.29 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:	202	Resp:	22642
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.1	18.1
100	11.5	9.8	14.6



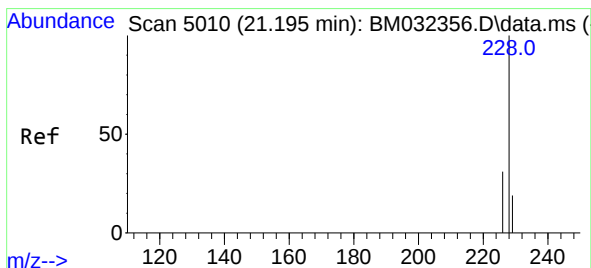
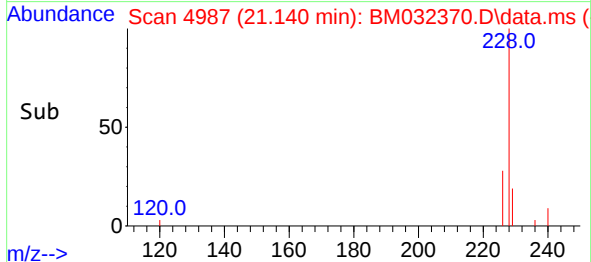
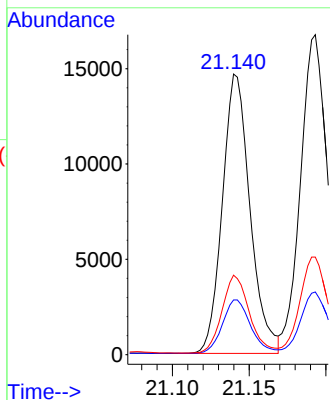
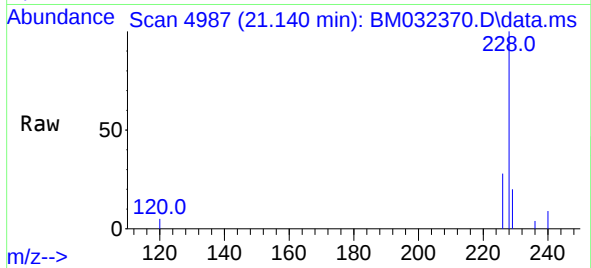


#21
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.140 min Scan# 4987
Delta R.T. -0.002 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Instrument :
BNA_M
ClientSampleId :
SLCS487

Tgt Ion:228 Resp: 18393

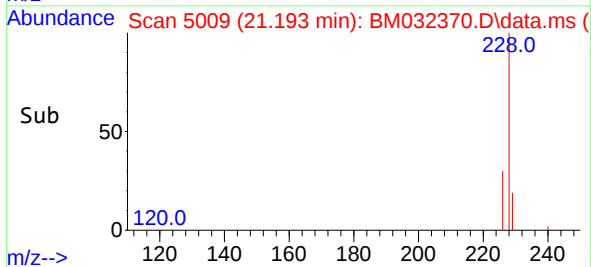
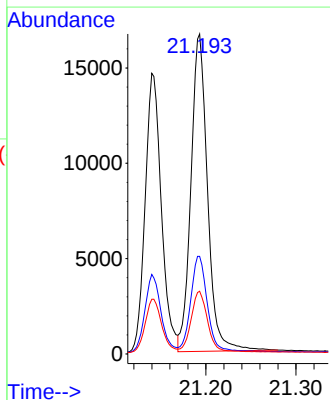
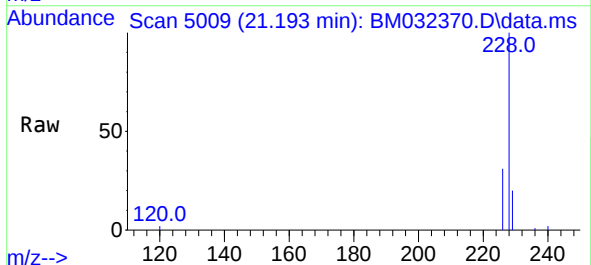
Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	28.3	22.3	33.5

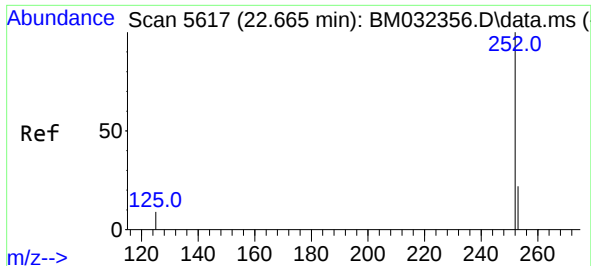


#22
Chrysene
Concen: 0.27 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:228 Resp: 21292

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.6	15.6	23.4

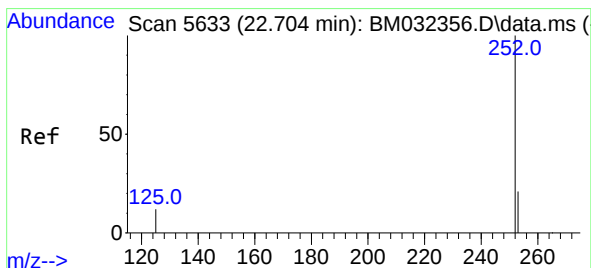
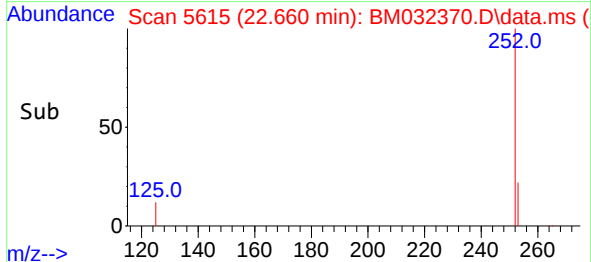
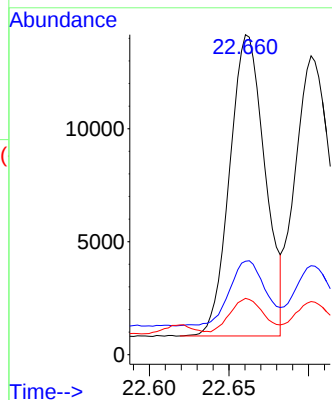
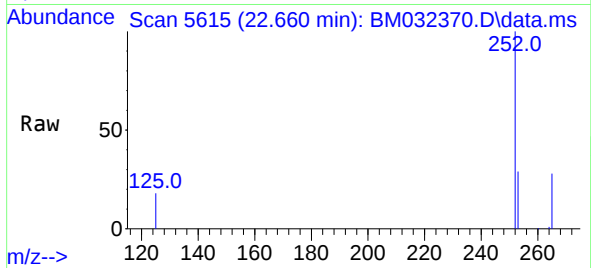




#24
Benzo(b)fluoranthene
Concen: 0.24 ng/ul
RT: 22.660 min Scan# 5615
Delta R.T. -0.005 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

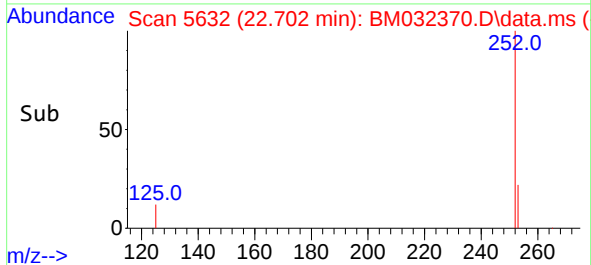
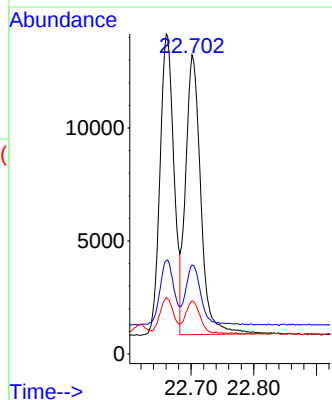
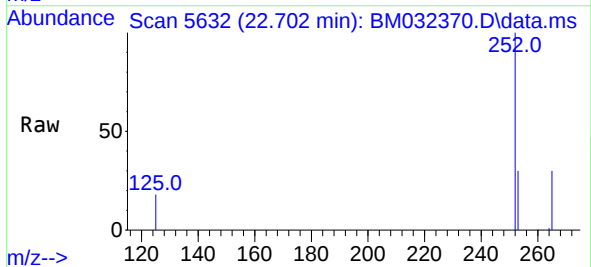
Instrument :
BNA_M
ClientSampleId :
SLCS487

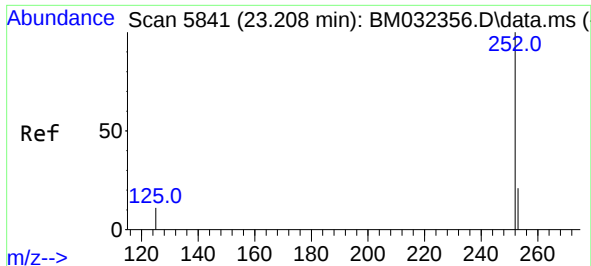
Tgt Ion:252 Resp: 20513
Ion Ratio Lower Upper
252 100
253 29.2 0.0 58.0
125 17.6 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.25 ng/ul
RT: 22.702 min Scan# 5632
Delta R.T. -0.002 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:252 Resp: 20776
Ion Ratio Lower Upper
252 100
253 29.8 22.9 34.3
125 17.8 12.9 19.3

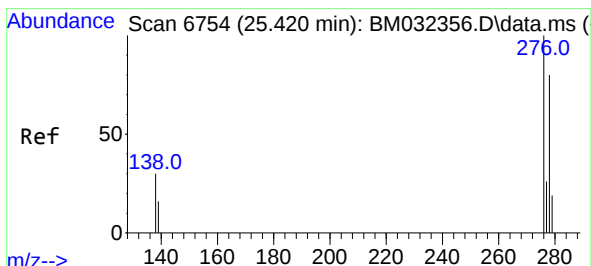
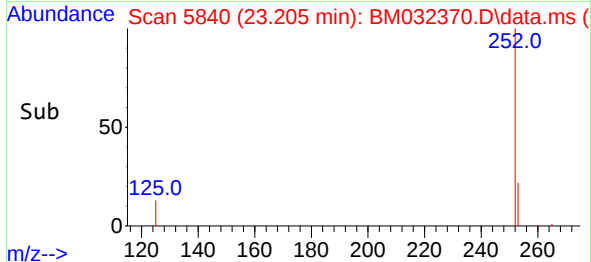
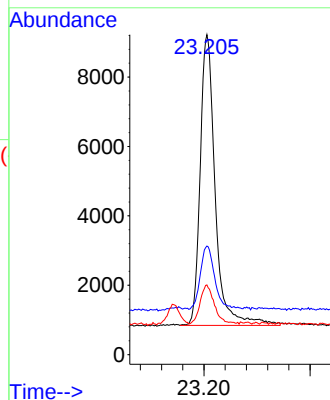
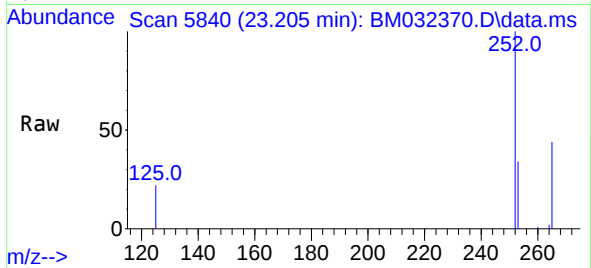




#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.205 min Scan# 5840
Delta R.T. -0.002 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

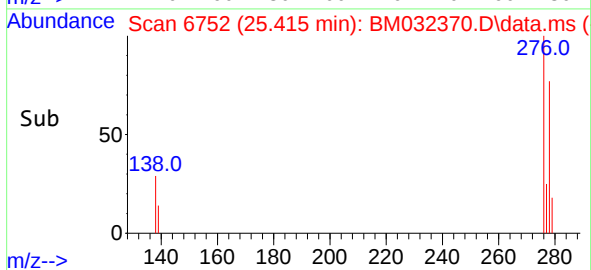
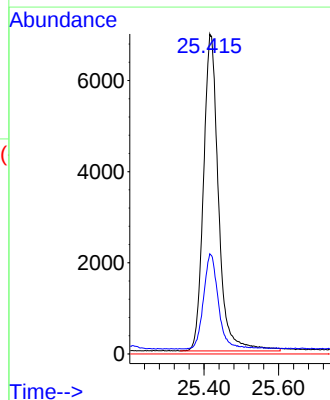
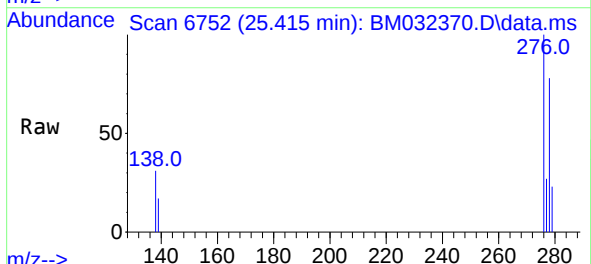
Instrument :
BNA_M
ClientSampleId :
SLCS487

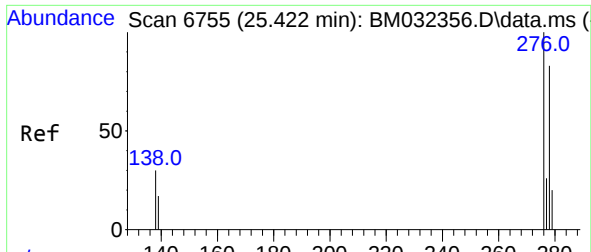
Tgt Ion:252	Resp:	16504
Ion Ratio	Lower	Upper
252	100	
253	34.0	25.8 38.8
125	21.8	15.4 23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.415 min Scan# 6752
Delta R.T. -0.005 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:276	Resp:	19500
Ion Ratio	Lower	Upper
276	100	
138	29.4	24.3 36.5
227	0.0	0.0 0.0

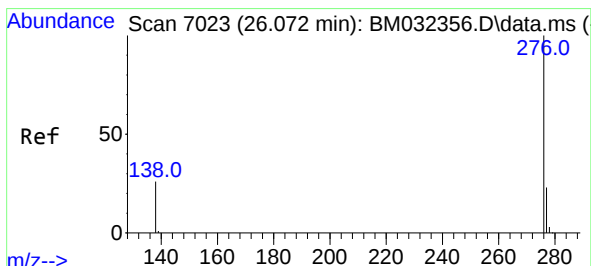
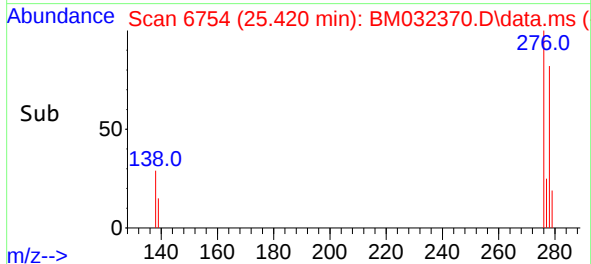
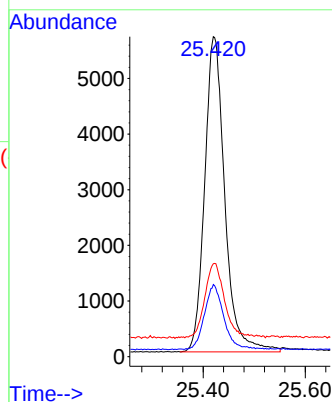
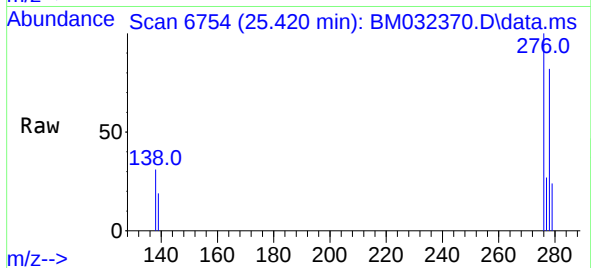




#28
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.420 min Scan# 6754
Delta R.T. -0.002 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Instrument :
BNA_M
ClientSampleId :
SLCS487

Tgt Ion:278 Resp: 15527
Ion Ratio Lower Upper
278 100
139 22.6 16.6 24.8
279 29.0 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 0.22 ng/ul
RT: 26.072 min Scan# 7023
Delta R.T. 0.000 min
Lab File: BM032370.D
Acq: 07 Oct 2021 23:22

Tgt Ion:276 Resp: 16966
Ion Ratio Lower Upper
276 100
138 27.1 21.0 31.4
277 25.6 19.8 29.8

