

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033470.D
 Acq On : 15 Dec 2021 09:45
 Operator : CG/JU
 Sample : PB141291BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS291

Quant Time: Dec 16 02:32:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 01:00:55 2021
 Response via : Initial Calibration

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

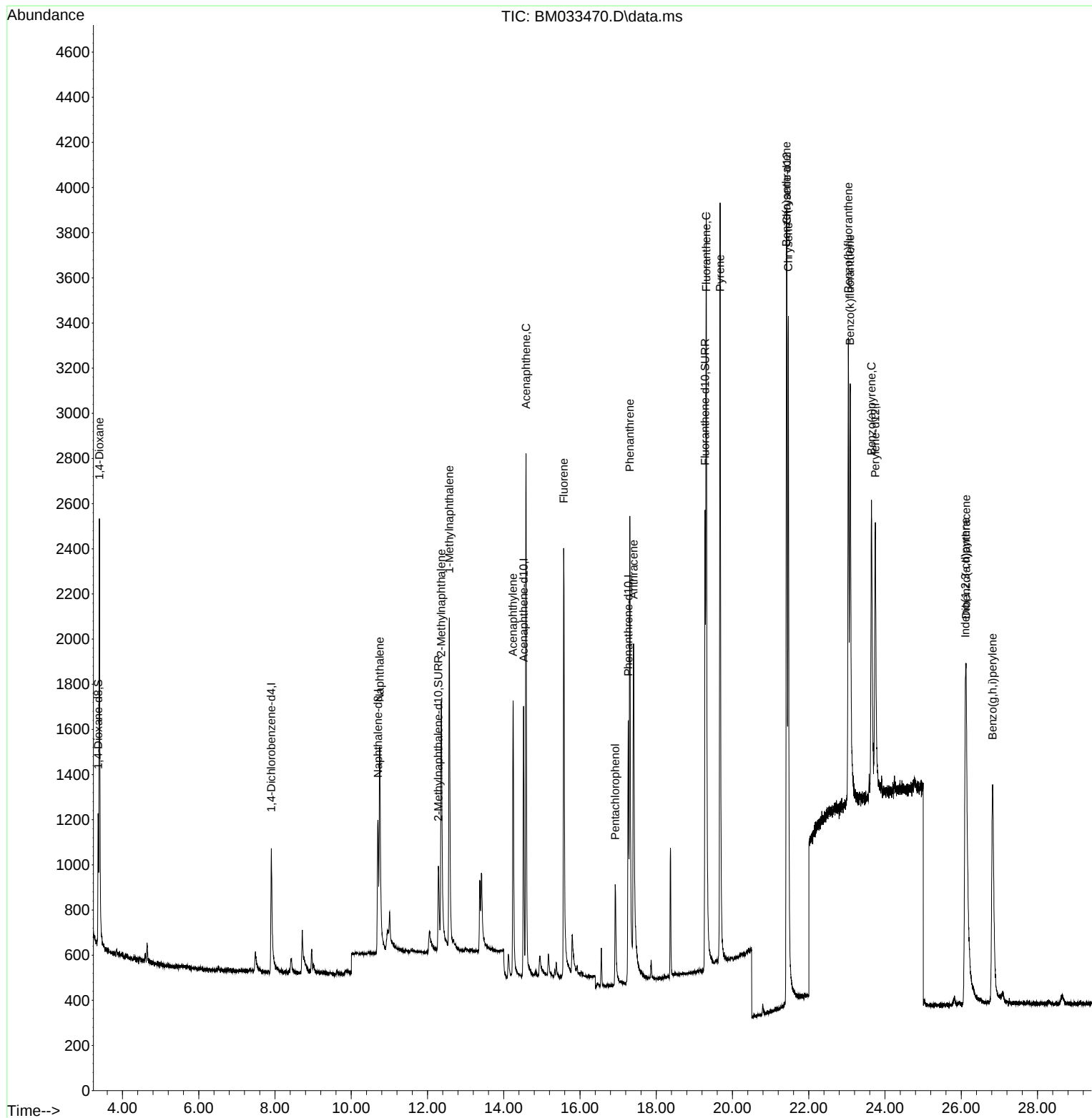
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	1149	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.523	164	755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	1820	0.400	ng/ul	-0.01
17) Chrysene-d12	21.427	240	2392	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	1987	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	330	0.956	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.285	152	741	0.510	ng/ul	-0.02
18) Fluoranthene-d10	19.281	212	2919	0.561	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	1152	2.553	ng/ul	85
5) Naphthalene	10.747	128	1816	0.432	ng/ul	99
7) 2-Methylnaphthalene	12.362	142	1132	0.472	ng/ul	92
8) 1-Methylnaphthalene	12.573	142	1144	0.462	ng/ul	98
10) Acenaphthylene	14.246	152	1834	0.434	ng/ul	98
11) Acenaphthene	14.583	153	1522	0.459	ng/ul	98
12) Fluorene	15.573	166	1700	0.479	ng/ul	100
14) Pentachlorophenol	16.924	266	433	0.663	ng/ul	92
15) Phenanthrene	17.306	178	2740	0.461	ng/ul	98
16) Anthracene	17.406	178	2480	0.473	ng/ul	98
19) Fluoranthene	19.311	202	3507	0.557	ng/ul#	95
20) Pyrene	19.673	202	3670	0.529	ng/ul#	91
21) Benzo(a)anthracene	21.414	228	2761	0.519	ng/ul	99
22) Chrysene	21.465	228	3375	0.508	ng/ul	99
24) Benzo(b)fluoranthene	23.039	252	2968	0.562	ng/ul	99
25) Benzo(k)fluoranthene	23.085	252	3177	0.524	ng/ul	98
26) Benzo(a)pyrene	23.645	252	2614	0.514	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.107	276	3111	0.547	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.126	278	2582	0.548	ng/ul	99
29) Benzo(g,h,i)perylene	26.824	276	2744	0.536	ng/ul	94

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

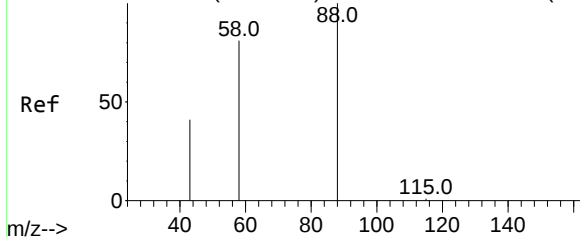
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
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Abundance Scan 48 (3.400 min): BM033454.D\data.ms (-40)

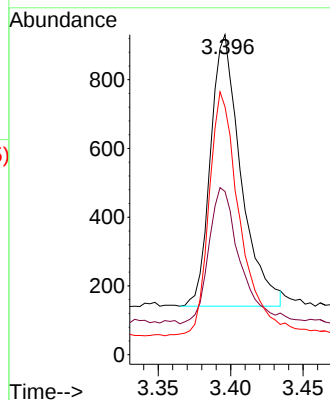
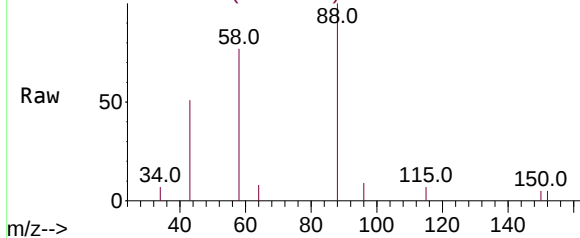


#2
1,4-Dioxane
Concen: 2.553 ng/ul
RT: 3.396 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

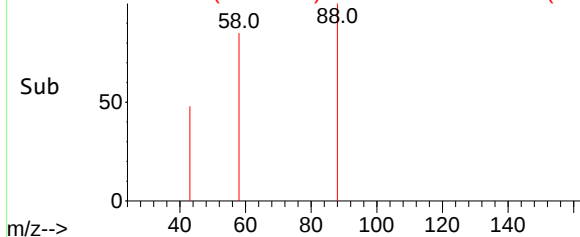
Instrument :
BNA_M
ClientSampleId :
SLCS291

Tgt Ion: 88 Resp: 1152
Ion Ratio Lower Upper
88 100
43 51.0 49.7 74.5
58 77.4 52.5 78.7

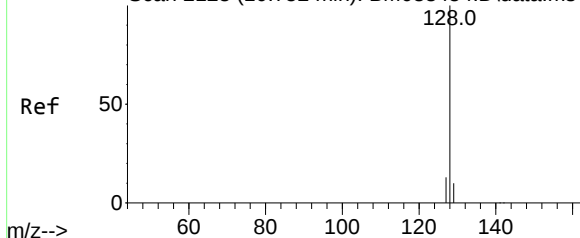
Abundance Scan 47 (3.396 min): BM033470.D\data.ms



Abundance Scan 47 (3.396 min): BM033470.D\data.ms (-35)



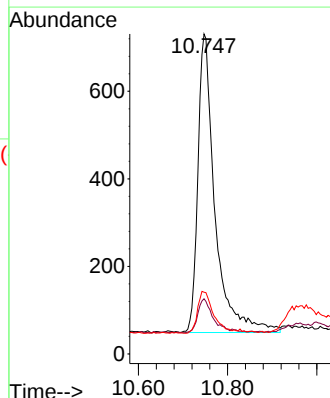
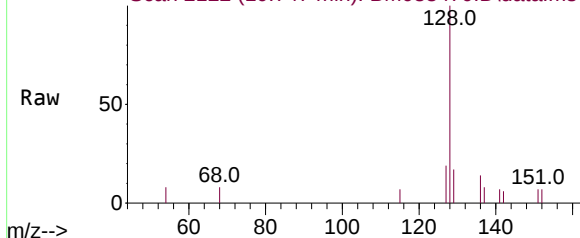
Abundance Scan 2123 (10.752 min): BM033454.D\data.ms (-40)



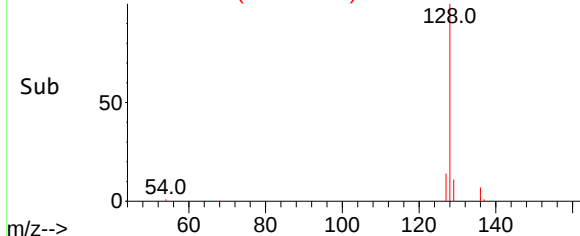
#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.747 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

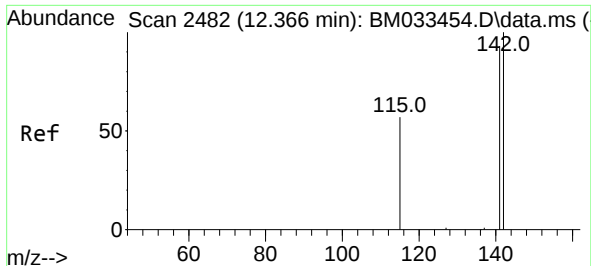
Tgt Ion: 128 Resp: 1816
Ion Ratio Lower Upper
128 100
129 17.2 13.4 20.2
127 19.3 15.2 22.8

Abundance Scan 2122 (10.747 min): BM033470.D\data.ms



Abundance Scan 2122 (10.747 min): BM033470.D\data.ms (-35)

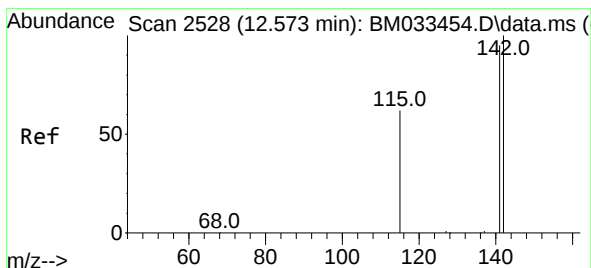
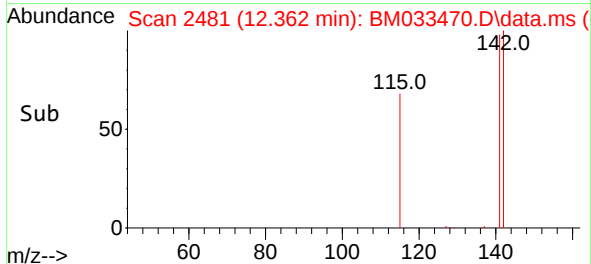
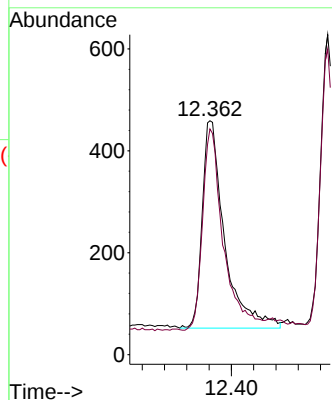
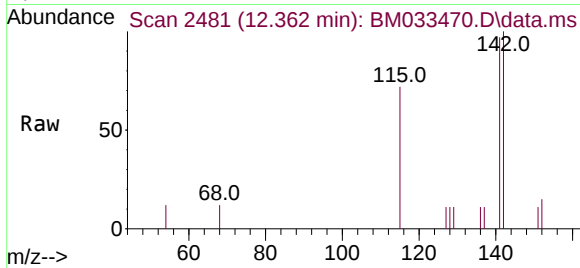




#7
2-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.362 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

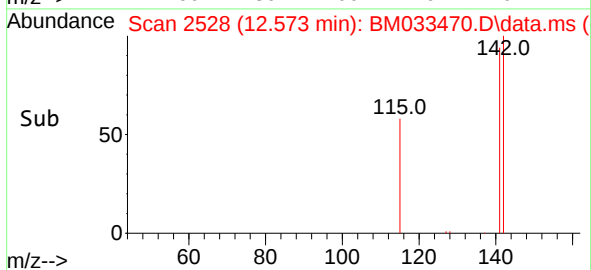
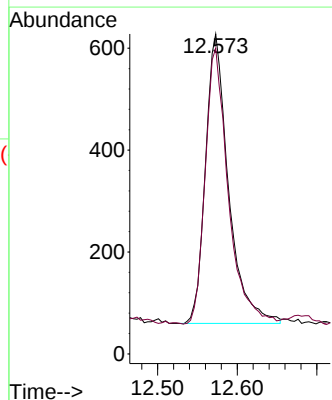
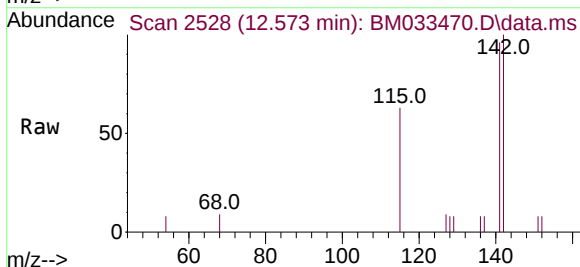
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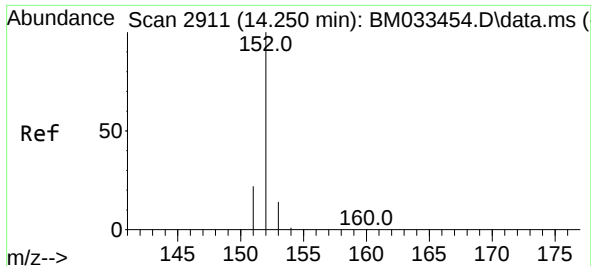
Tgt Ion:142 Resp: 1132
Ion Ratio Lower Upper
142 100
141 97.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.573 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:142 Resp: 1144
Ion Ratio Lower Upper
142 100
141 95.3 75.0 112.4

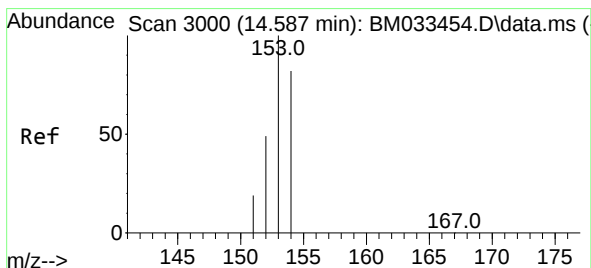
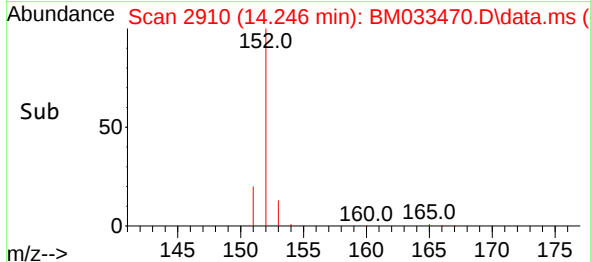
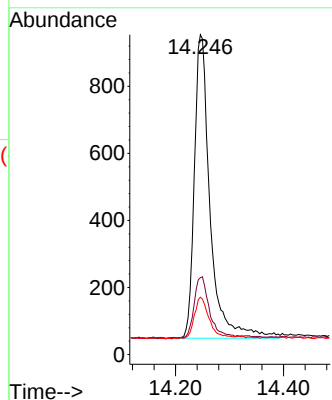
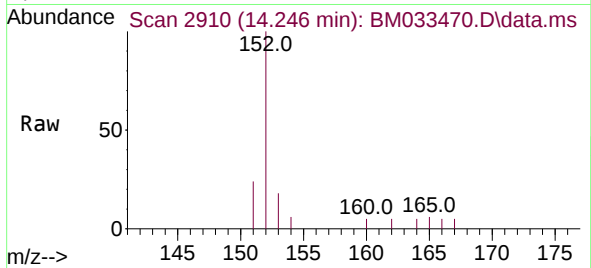




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.246 min Scan# 2910
Delta R.T. -0.011 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

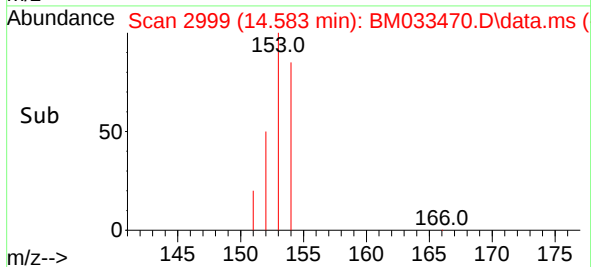
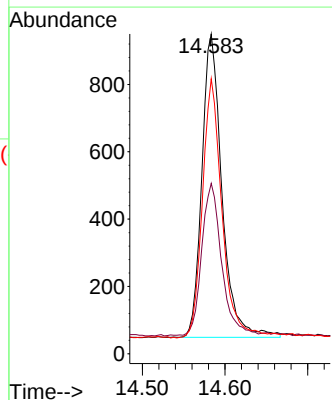
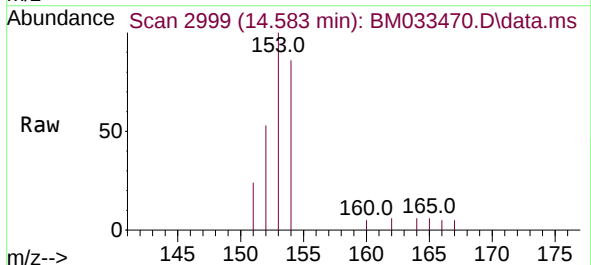
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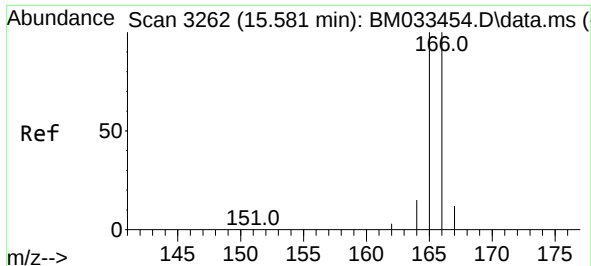
Tgt Ion:152	Resp:	1834
Ion Ratio	Lower	Upper
152	100	
151	24.0	19.9 29.9
153	17.9	15.0 22.4



#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.583 min Scan# 2999
Delta R.T. -0.008 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:153	Resp:	1522
Ion Ratio	Lower	Upper
153	100	
152	53.3	42.4 63.6
154	86.0	66.2 99.2

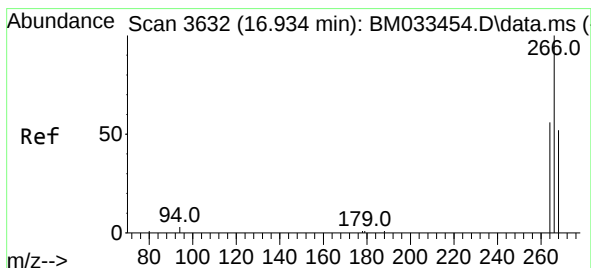
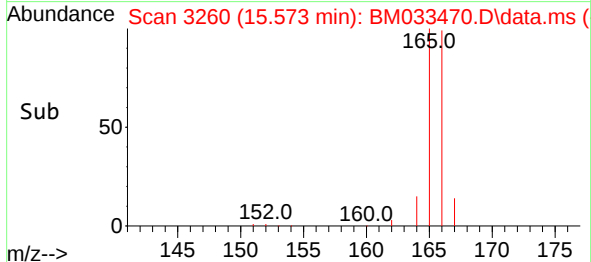
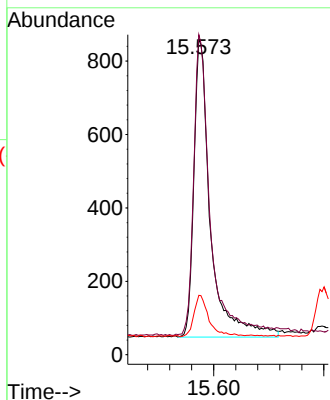
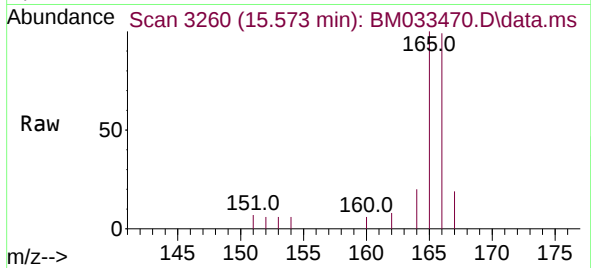




#12
 Fluorene
 Concen: 0.479 ng/ul
 RT: 15.573 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BM033470.D
 Acq: 15 Dec 2021 09:45

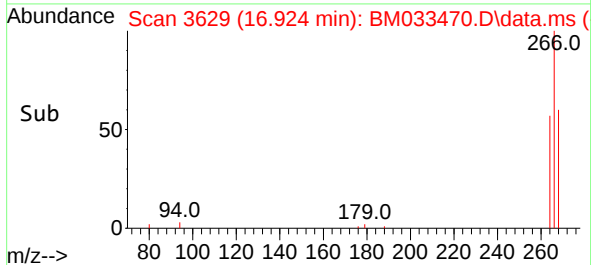
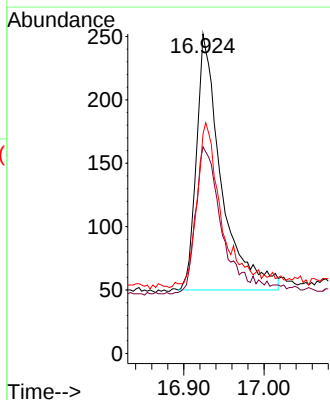
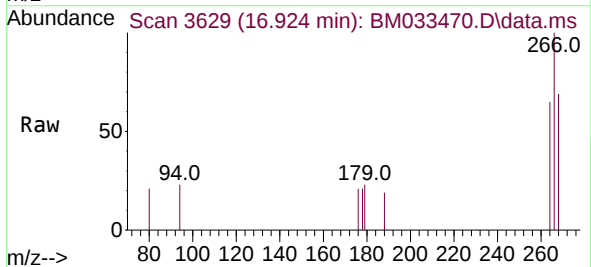
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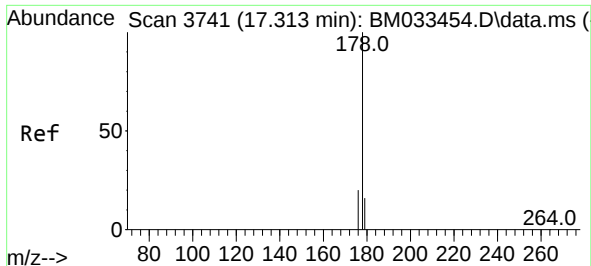
Tgt Ion:166 Resp: 1700
 Ion Ratio Lower Upper
 166 100
 165 101.4 81.1 121.7
 167 18.8 14.9 22.3



#14
 Pentachlorophenol
 Concen: 0.663 ng/ul
 RT: 16.924 min Scan# 3629
 Delta R.T. -0.024 min
 Lab File: BM033470.D
 Acq: 15 Dec 2021 09:45

Tgt Ion:266 Resp: 433
 Ion Ratio Lower Upper
 266 100
 264 57.5 51.4 77.0
 268 60.5 53.1 79.7

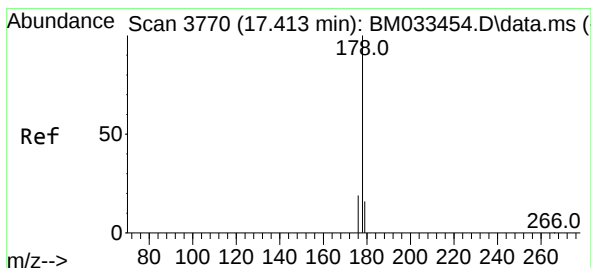
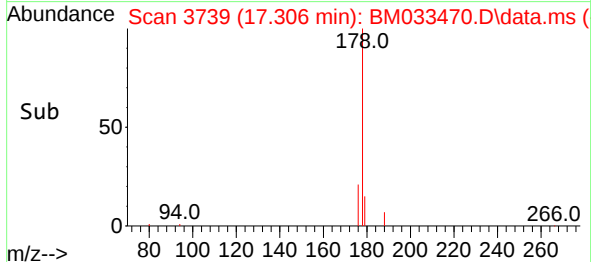
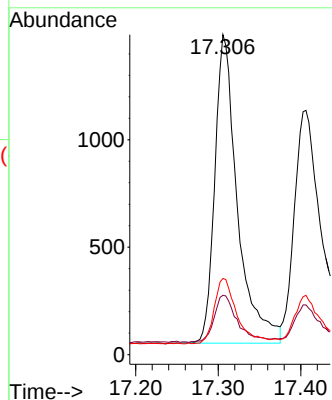
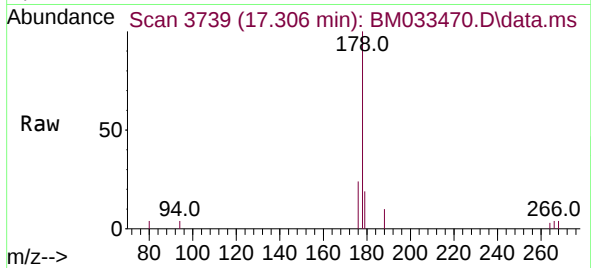




#15
Phenanthrene
Concen: 0.461 ng/ul
RT: 17.306 min Scan# 3739
Delta R.T. -0.014 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

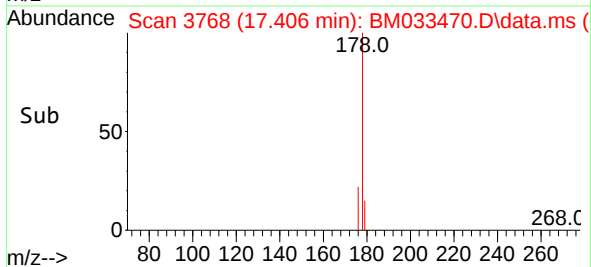
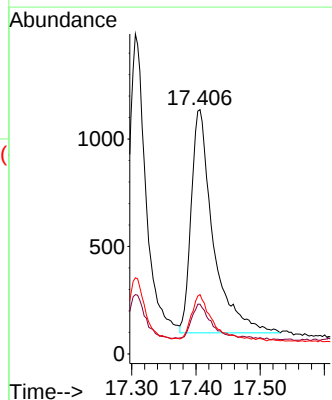
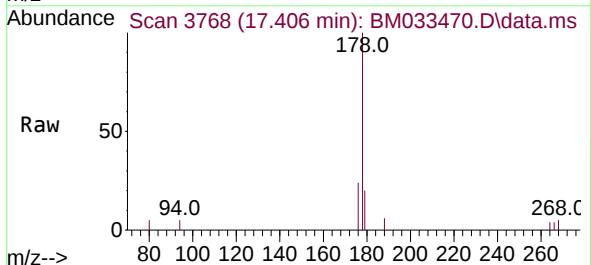
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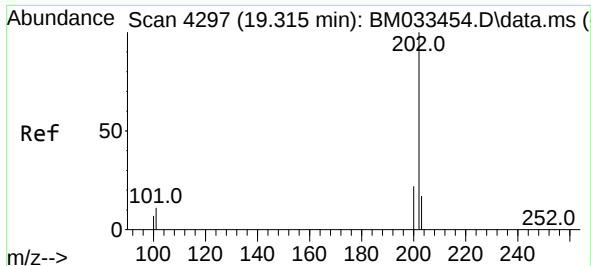
Tgt Ion:178	Resp:	2740
Ion Ratio	Lower	Upper
178	100	
179	18.5	15.0 22.6
176	23.8	17.9 26.9



#16
Anthracene
Concen: 0.473 ng/ul
RT: 17.406 min Scan# 3768
Delta R.T. -0.017 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:178	Resp:	2480
Ion Ratio	Lower	Upper
178	100	
179	20.3	16.5 24.7
176	24.3	18.3 27.5

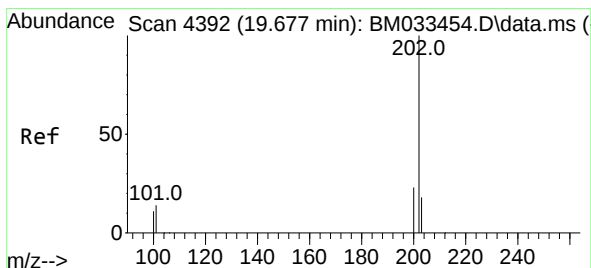
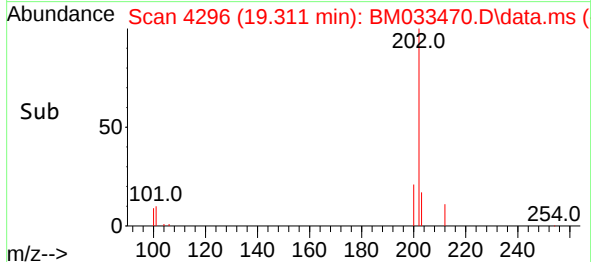
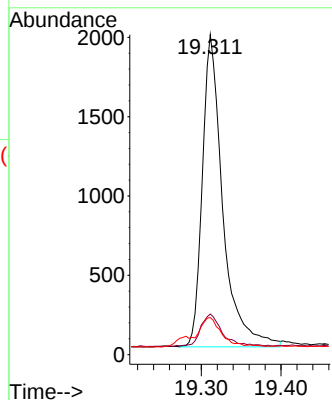
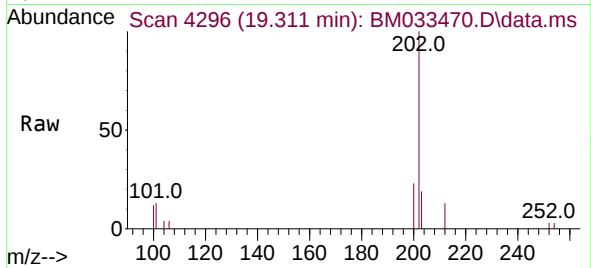




#19
Fluoranthene
Concen: 0.557 ng/ul
RT: 19.311 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

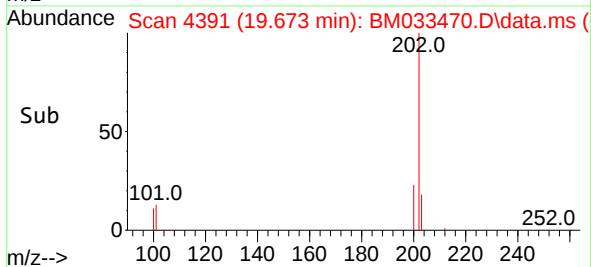
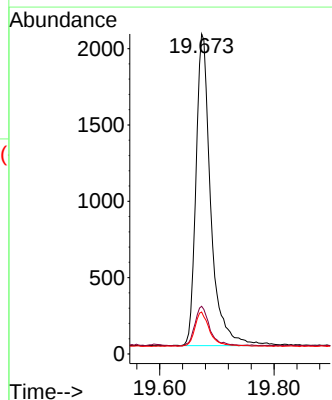
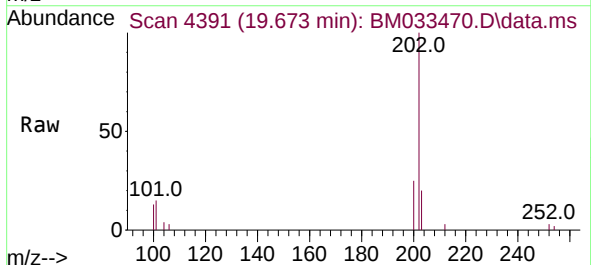
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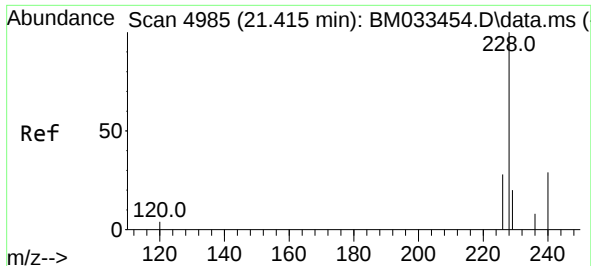
Tgt Ion:202 Resp: 3507
Ion Ratio Lower Upper
202 100
101 12.7 9.2 13.8
100 11.6 7.2 10.8#



#20
Pyrene
Concen: 0.529 ng/ul
RT: 19.673 min Scan# 4391
Delta R.T. -0.011 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:202 Resp: 3670
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 13.1 7.8 11.6#

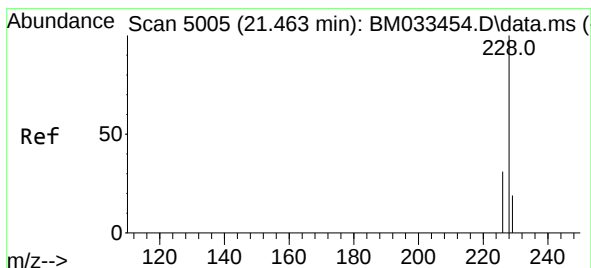
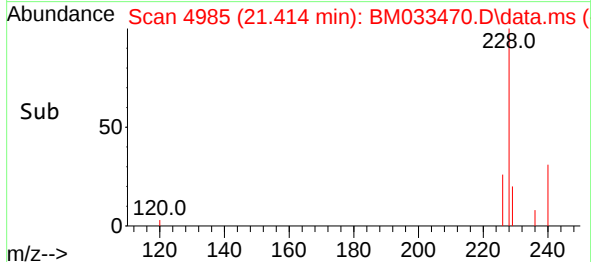
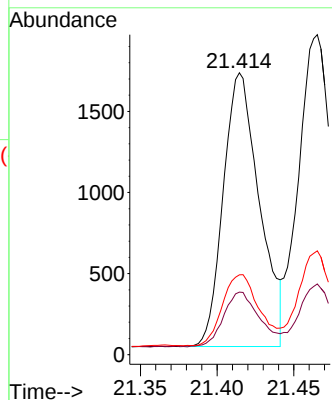
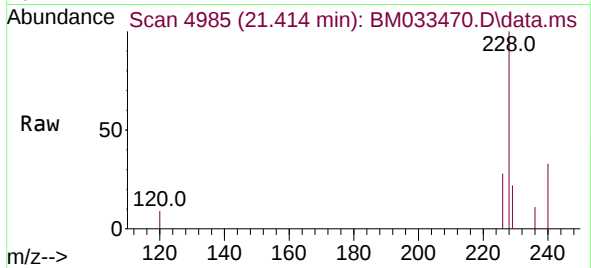




#21
Benzo(a)anthracene
Concen: 0.519 ng/ul
RT: 21.414 min Scan# 4985
Delta R.T. -0.007 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

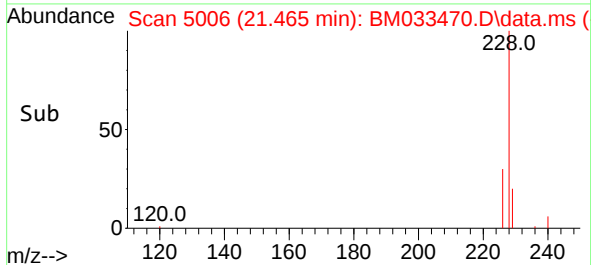
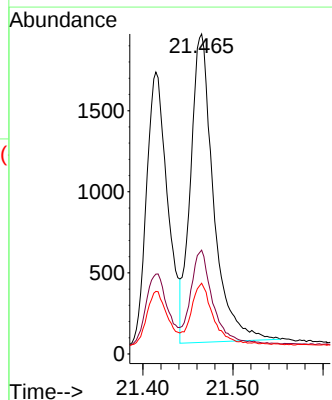
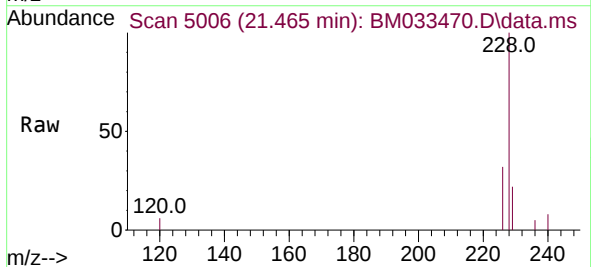
Instrument :
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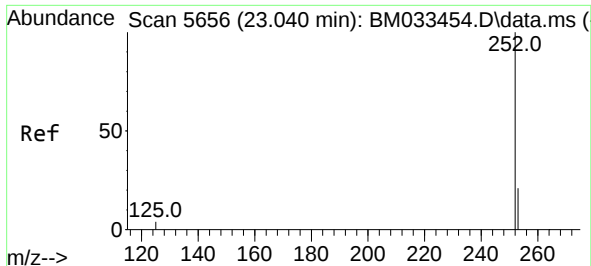
Tgt Ion:228	Resp:	2761
Ion Ratio	Lower	Upper
228	100	
229	22.2	17.3 25.9
226	28.3	23.2 34.8



#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.007 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:228	Resp:	3375
Ion Ratio	Lower	Upper
228	100	
226	32.4	25.8 38.8
229	22.1	16.7 25.1

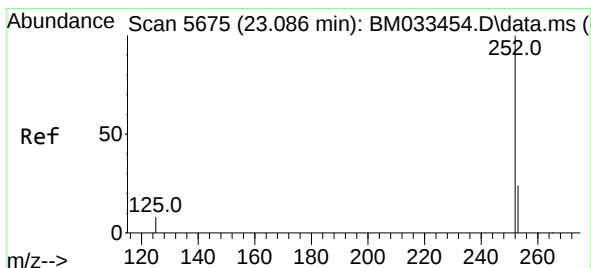
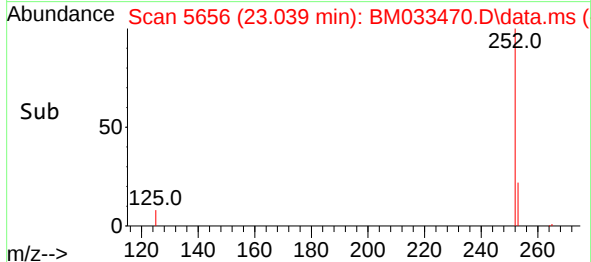
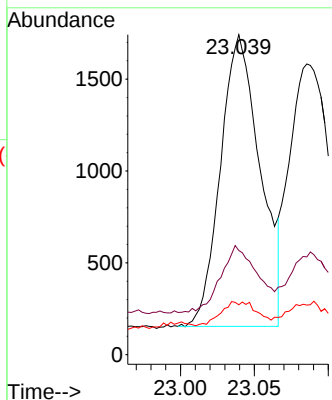
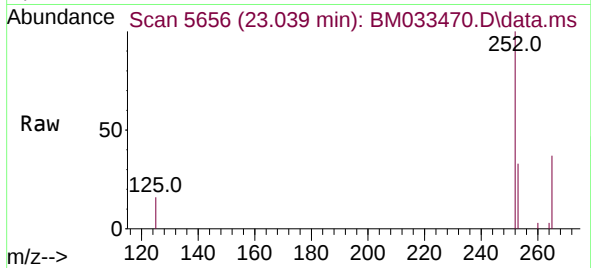




#24
Benzo(b)fluoranthene
Concen: 0.562 ng/ul
RT: 23.039 min Scan# 5656
Delta R.T. -0.007 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

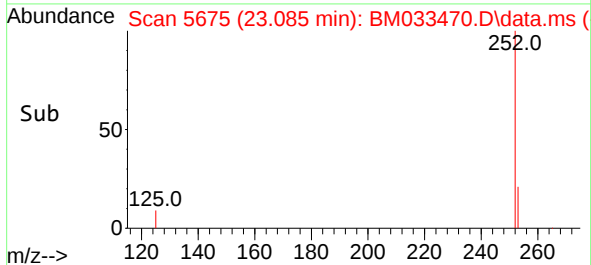
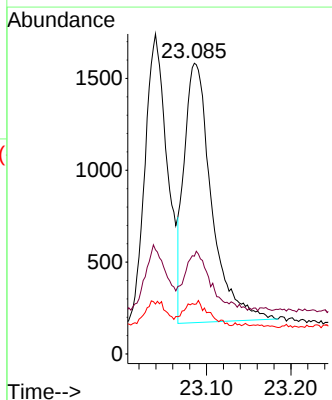
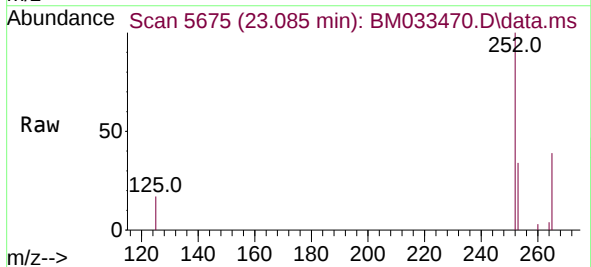
Instrument :
BNA_M
ClientSampleId :
SLCS291

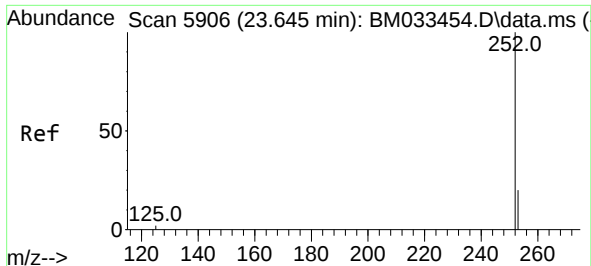
Tgt Ion:252	Resp:	2968
Ion Ratio	Lower	Upper
252	100	
253	32.5	0.0 64.2
125	15.6	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.524 ng/ul
RT: 23.085 min Scan# 5675
Delta R.T. -0.009 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:252	Resp:	3177
Ion Ratio	Lower	Upper
252	100	
253	33.6	26.8 40.2
125	17.1	12.0 18.0

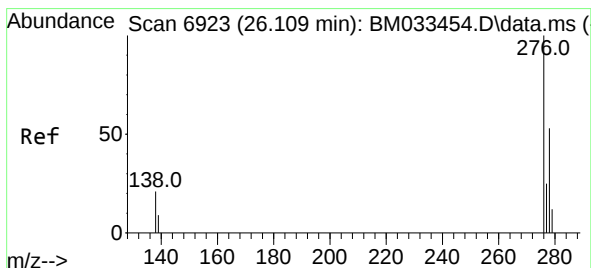
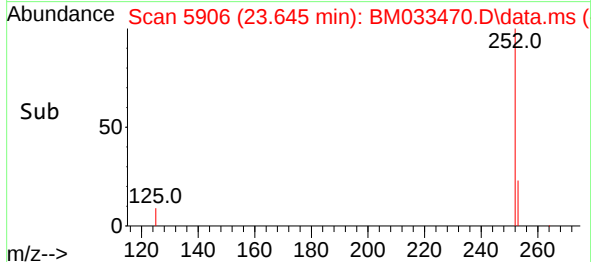
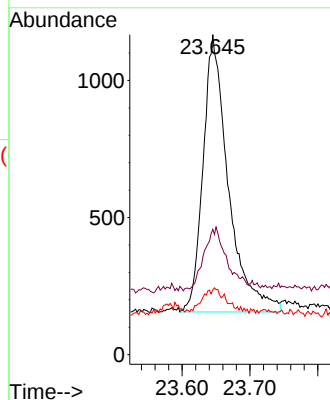
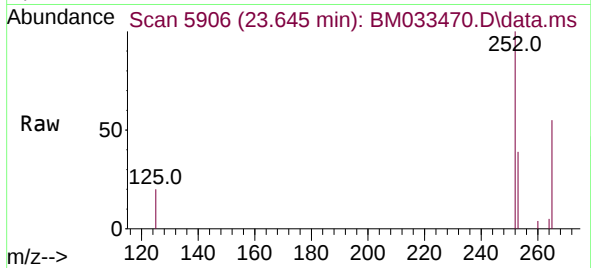




#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.645 min Scan# 5906
Delta R.T. -0.009 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

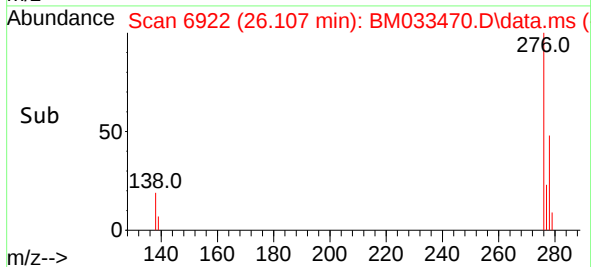
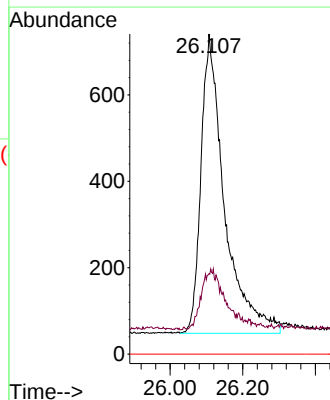
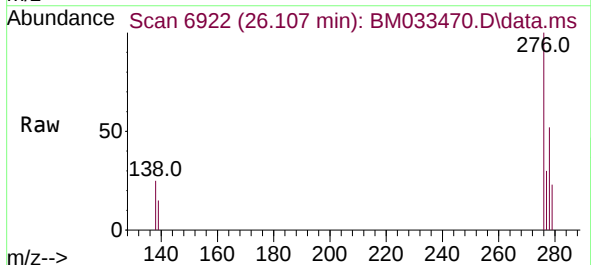
Instrument :
BNA_M
ClientSampleId :
SLCS291

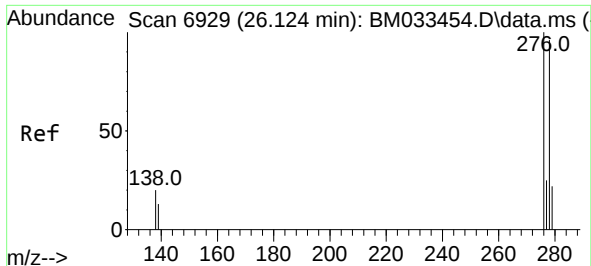
Tgt Ion:	252	Resp:	2614
Ion Ratio	Lower	Upper	
252	100		
253	39.2	32.0	48.0
125	20.3	14.5	21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.547 ng/ul
RT: 26.107 min Scan# 6922
Delta R.T. -0.014 min
Lab File: BM033470.D
Acq: 15 Dec 2021 09:45

Tgt Ion:	276	Resp:	3111
Ion Ratio	Lower	Upper	
276	100		
138	18.7	15.8	23.6
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.548 ng/ul

RT: 26.126 min Scan# 6929

Delta R.T. -0.021 min

Lab File: BM033470.D

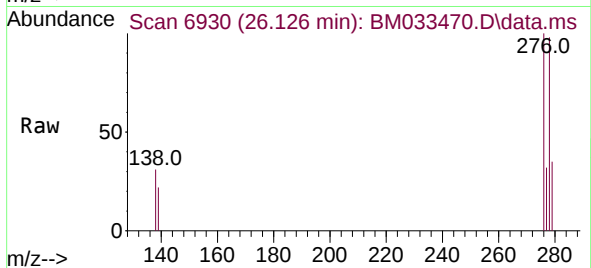
Acq: 15 Dec 2021 09:45

Instrument :

BNA_M

ClientSampleId :

SLCS291



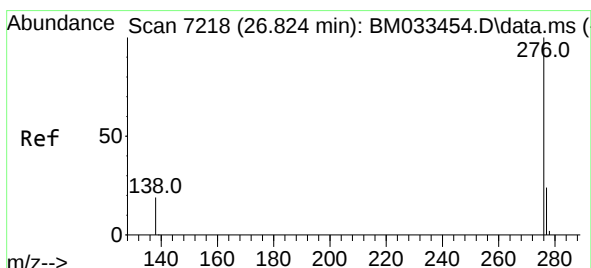
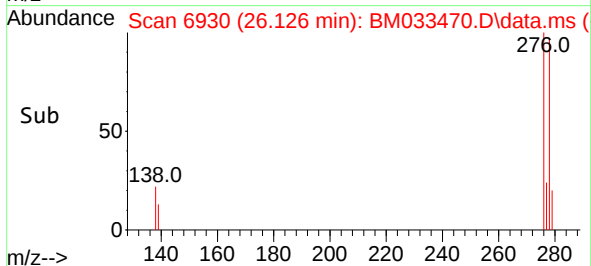
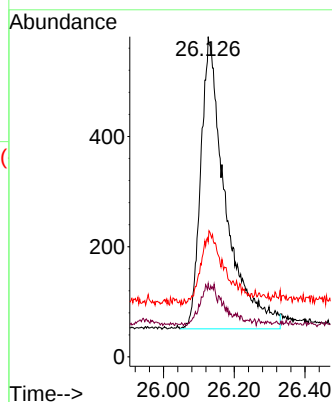
Tgt Ion:278 Resp: 2582

Ion Ratio Lower Upper

278 100

139 22.9 18.0 27.0

279 36.0 28.6 42.8



#29

Benzo(g,h,i)perylene

Concen: 0.536 ng/ul

RT: 26.824 min Scan# 7218

Delta R.T. -0.017 min

Lab File: BM033470.D

Acq: 15 Dec 2021 09:45

Tgt Ion:276 Resp: 2744

Ion Ratio Lower Upper

276 100

138 25.7 17.4 26.0

277 30.2 22.6 33.8

