

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
 Data File : BM048441.D
 Acq On : 04 Nov 2024 23:53
 Operator : RC/JU
 Sample : PB164569BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS569

Quant Time: Nov 05 00:40:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

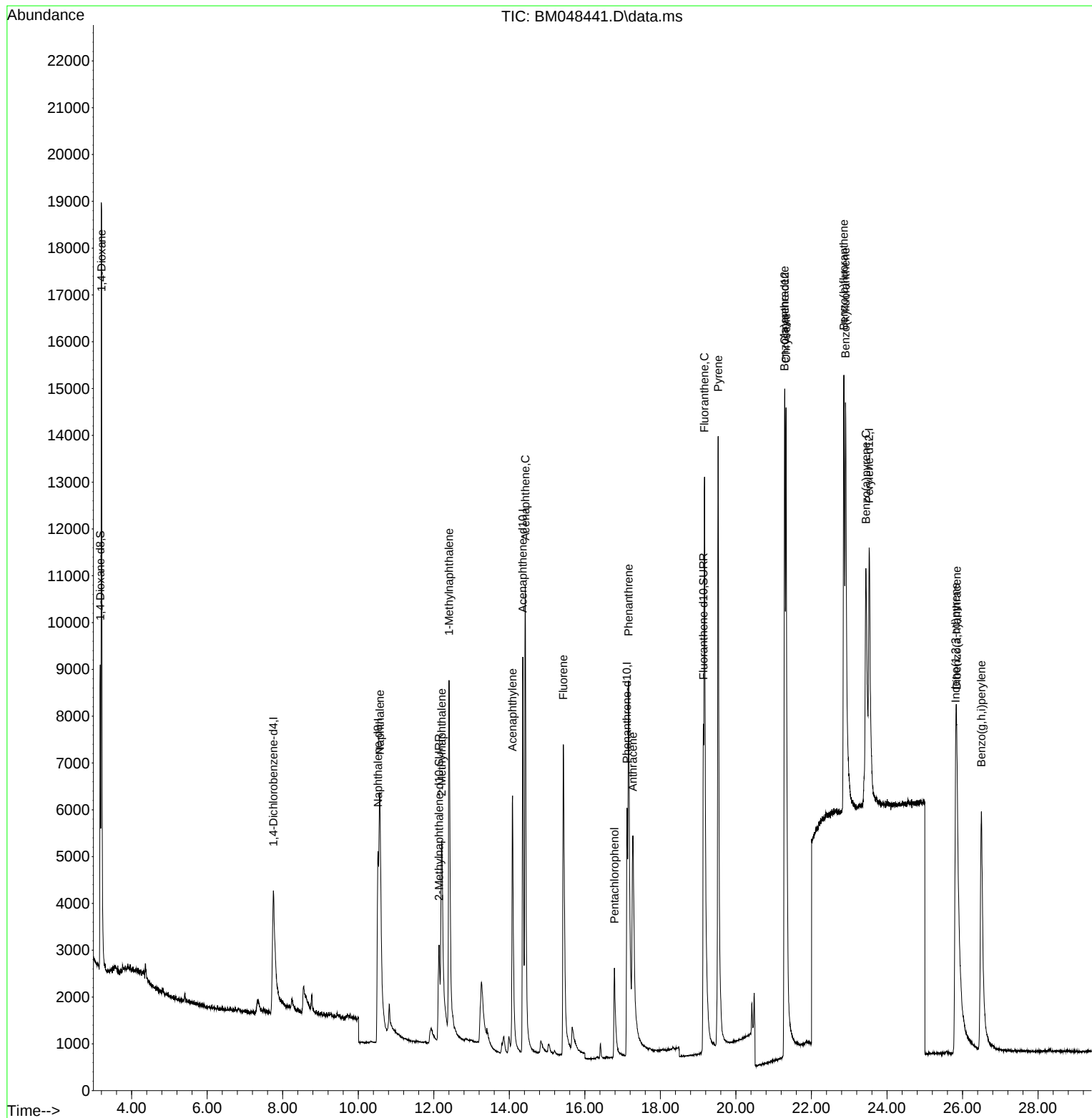
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	3911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.523	136	13404	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.357	164	7188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.114	188	14381	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	10794	0.400	ng/ul	# 0.00
23) Perylene-d12	23.528	264	10801	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	4283	0.892	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.139	152	6804	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	13743	0.502	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	11609	2.228	ng/ul#	84
5) Naphthalene	10.572	128	13678	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.211	142	7463	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.403	142	9781	0.440	ng/ul	98
10) Acenaphthylene	14.084	152	11136	0.401	ng/ul	99
11) Acenaphthene	14.422	153	9024	0.405	ng/ul	98
12) Fluorene	15.431	166	9549	0.386	ng/ul	99
14) Pentachlorophenol	16.781	266	2762	0.690	ng/ul	93
15) Phenanthrene	17.157	178	13460	0.377	ng/ul	99
16) Anthracene	17.271	178	12179	0.364	ng/ul	99
19) Fluoranthene	19.168	202	17778	0.478	ng/ul	96
20) Pyrene	19.530	202	19052	0.477	ng/ul	97
21) Benzo(a)anthracene	21.286	228	12627	0.391	ng/ul	100
22) Chrysene	21.327	228	20447	0.460	ng/ul	100
24) Benzo(b)fluoranthene	22.858	252	15145	0.410	ng/ul	98
25) Benzo(k)fluoranthene	22.902	252	18779	0.430	ng/ul	97
26) Benzo(a)pyrene	23.440	252	14670	0.423	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.816	276	18878	0.389	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.850	278	14596	0.386	ng/ul	97
29) Benzo(g,h,i)perylene	26.500	276	16436	0.402	ng/ul	97

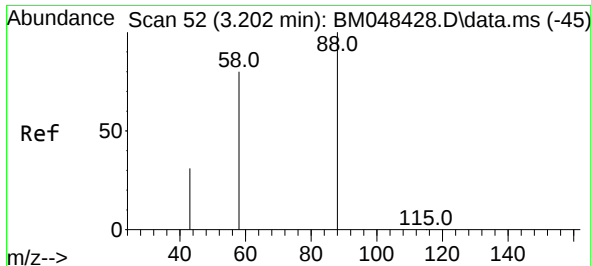
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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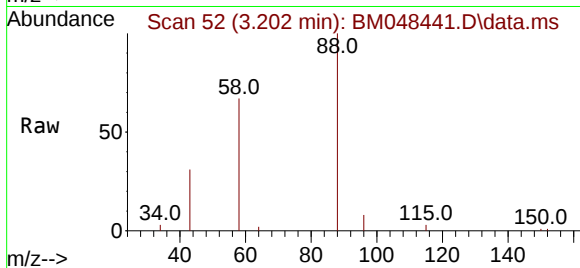
Quant Time: Nov 05 00:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



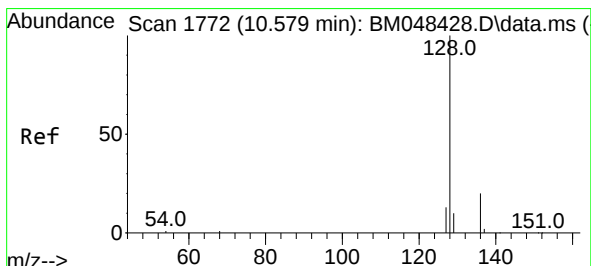
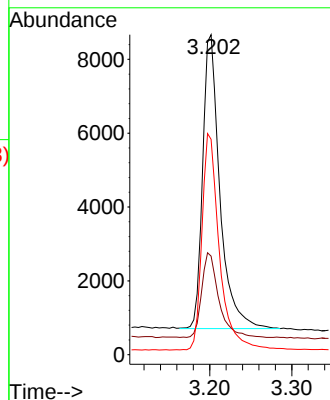
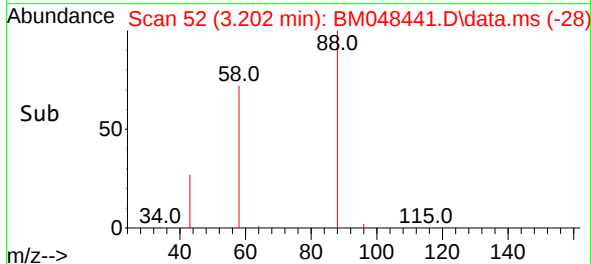


#2
1,4-Dioxane
Concen: 2.228 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Instrument :
BNA_M
ClientSampleId :
SLCS569

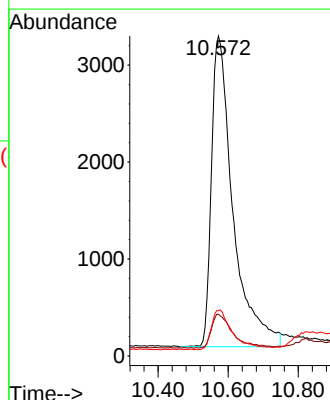
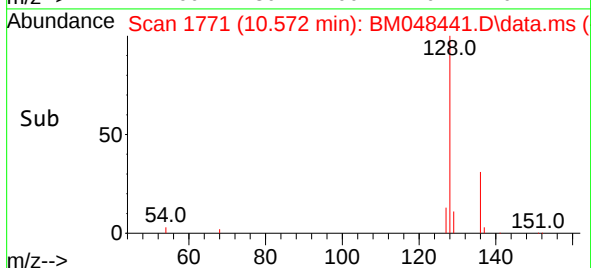
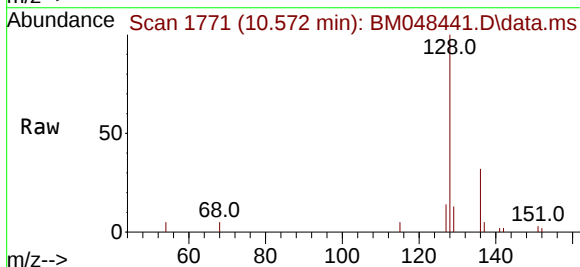


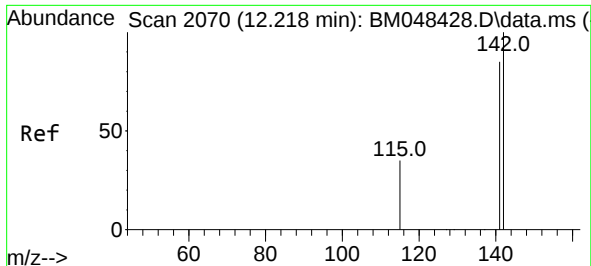
Tgt Ion: 88 Resp: 11609
Ion Ratio Lower Upper
88 100
43 30.8 36.2 54.4#
58 67.3 47.4 71.0



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.572 min Scan# 1771
Delta R.T. -0.007 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion: 128 Resp: 13678
Ion Ratio Lower Upper
128 100
129 13.1 10.6 15.8
127 14.2 11.4 17.2

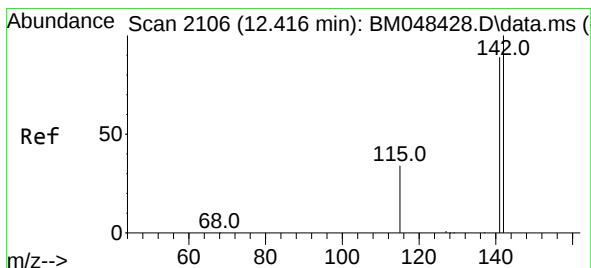
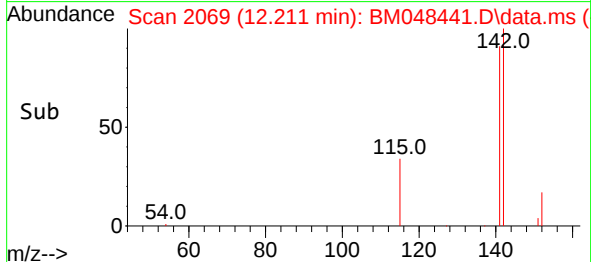
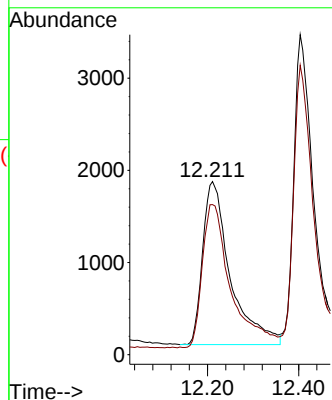
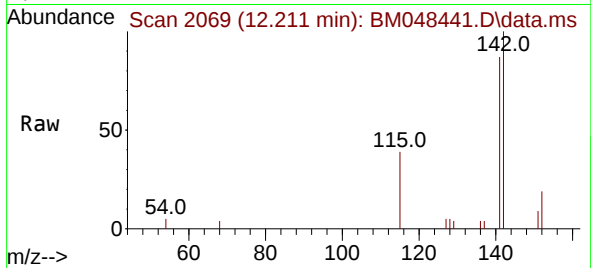




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.001 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

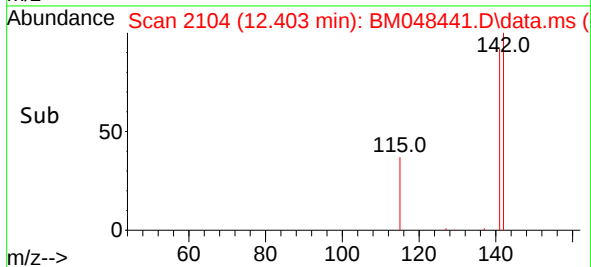
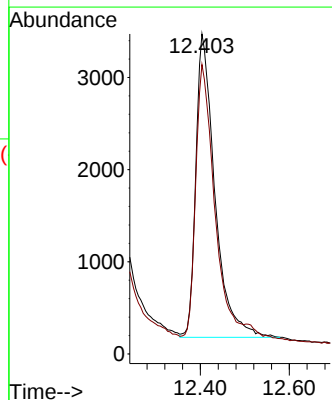
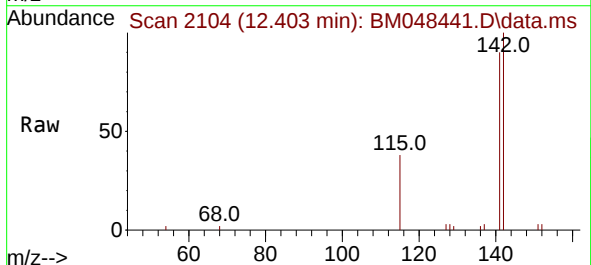
Instrument :
BNA_M
ClientSampleId :
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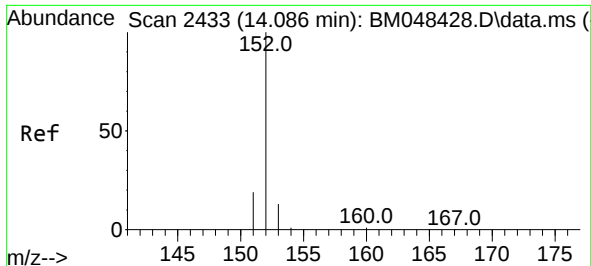
Tgt Ion:142 Resp: 7463
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.403 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:142 Resp: 9781
Ion Ratio Lower Upper
142 100
141 92.7 75.5 113.3

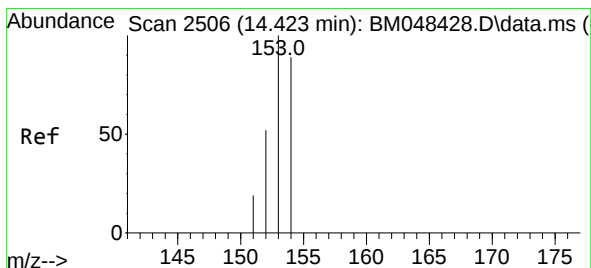
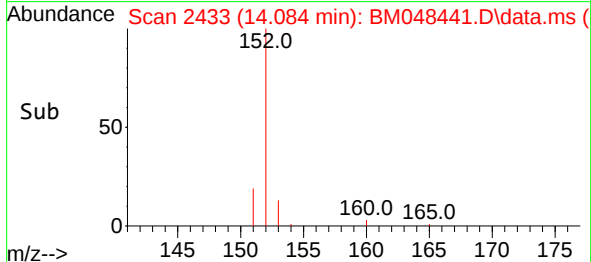
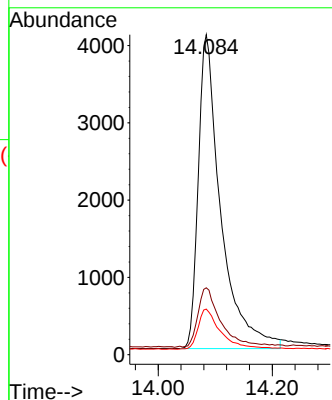
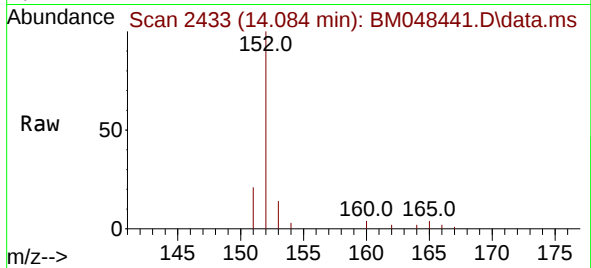




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.084 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

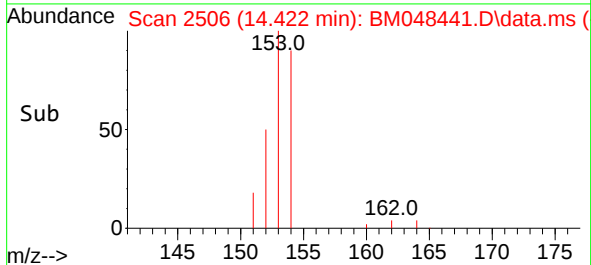
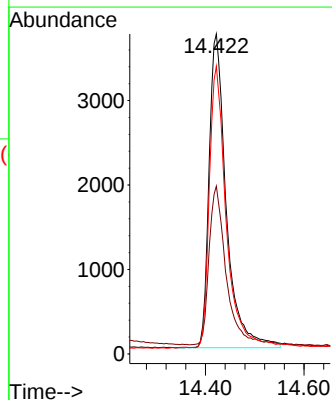
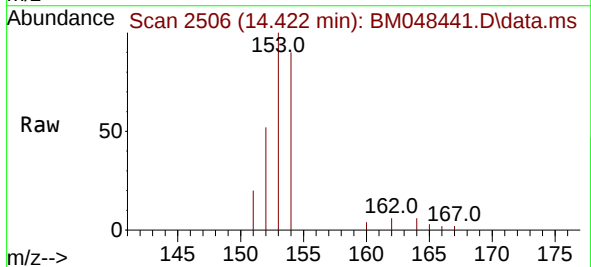
Instrument :
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ClientSampleId :
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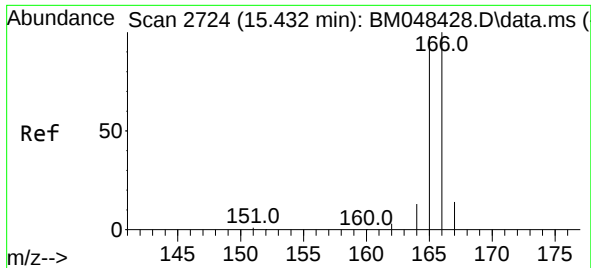
Tgt Ion:152 Resp: 11136
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.3 11.8 17.6



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.422 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:153 Resp: 9024
Ion Ratio Lower Upper
153 100
152 52.5 40.7 61.1
154 89.9 70.6 106.0

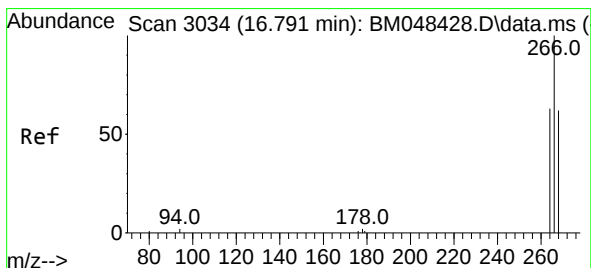
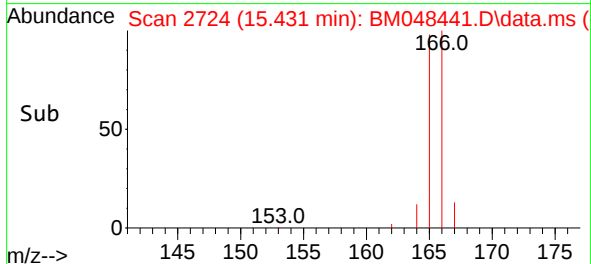
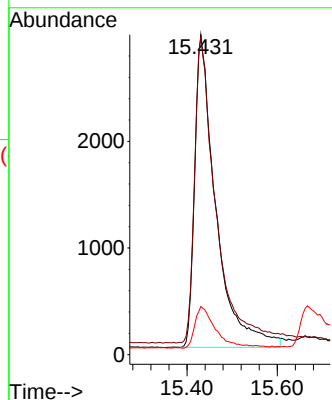
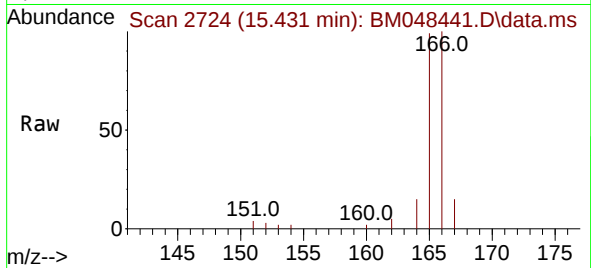




#12
 Fluorene
 Concen: 0.386 ng/ul
 RT: 15.431 min Scan# 214
 Delta R.T. -0.001 min
 Lab File: BM048441.D
 Acq: 04 Nov 2024 23:53

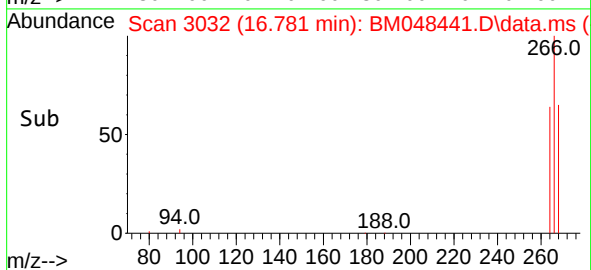
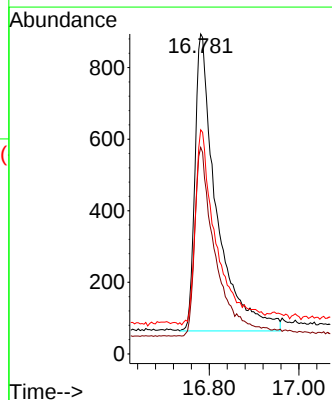
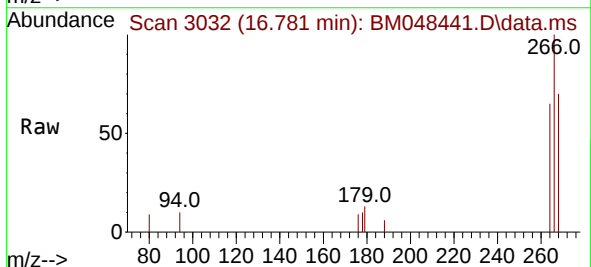
Instrument :
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 ClientSampleId :
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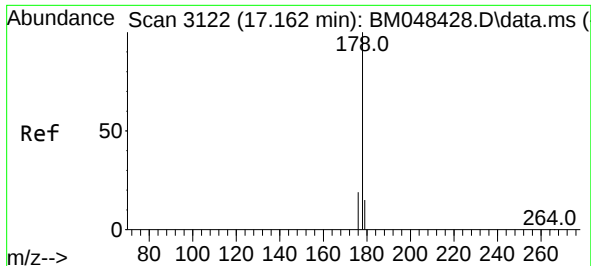
Tgt Ion:166 Resp: 9549
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 118.0
 167 15.1 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.690 ng/ul
 RT: 16.781 min Scan# 3032
 Delta R.T. -0.006 min
 Lab File: BM048441.D
 Acq: 04 Nov 2024 23:53

Tgt Ion:266 Resp: 2762
 Ion Ratio Lower Upper
 266 100
 264 61.9 48.3 72.5
 268 67.0 46.2 69.4

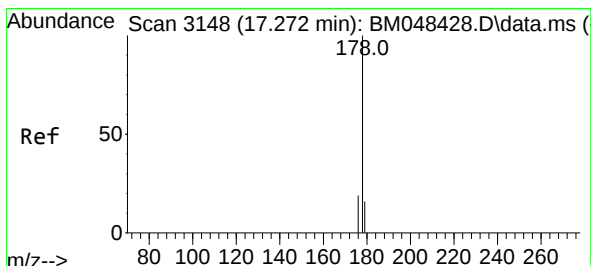
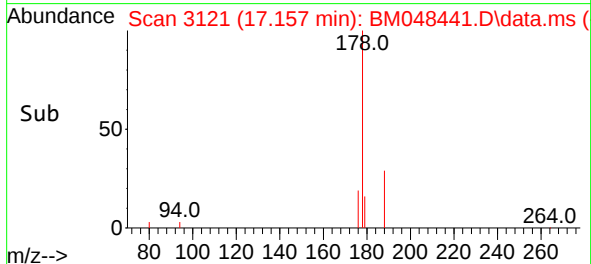
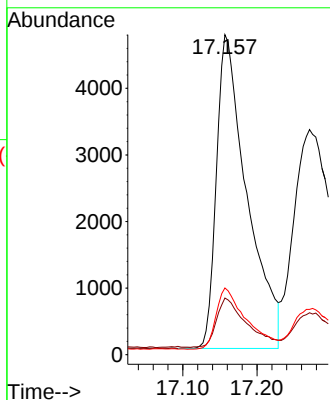
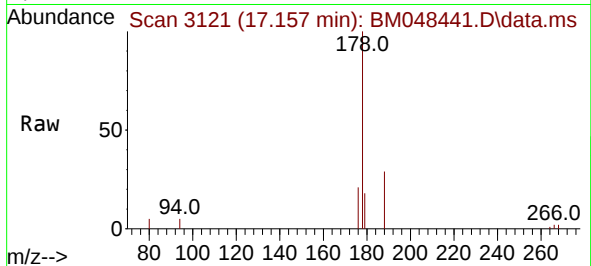




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.157 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

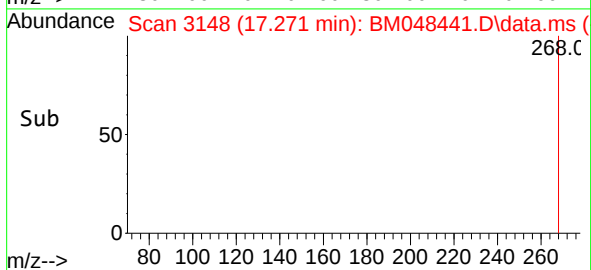
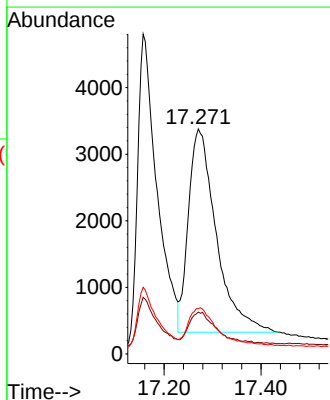
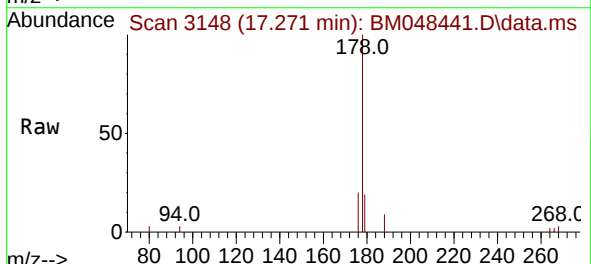
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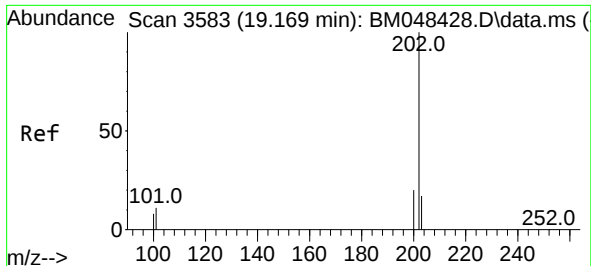
Tgt Ion:	178	Resp:	13460
Ion Ratio	Lower	Upper	
178	100		
179	17.7	13.9	20.9
176	20.9	16.0	24.0



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.271 min Scan# 3148
Delta R.T. 0.011 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:	178	Resp:	12179
Ion Ratio	Lower	Upper	
178	100		
179	18.6	14.2	21.2
176	20.1	15.8	23.6

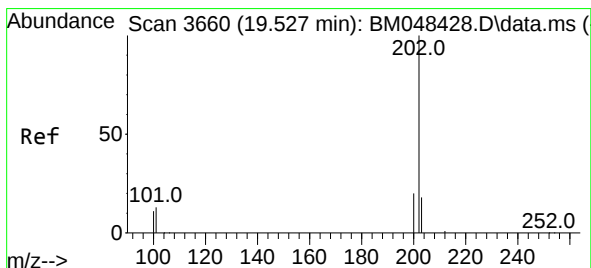
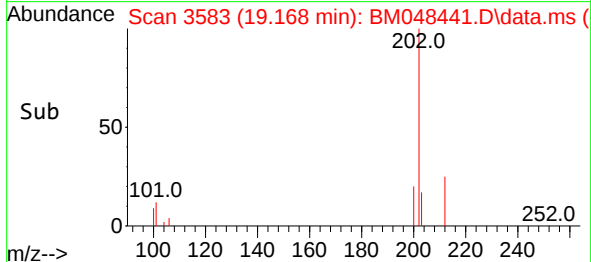
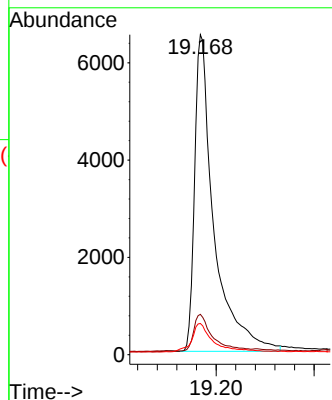
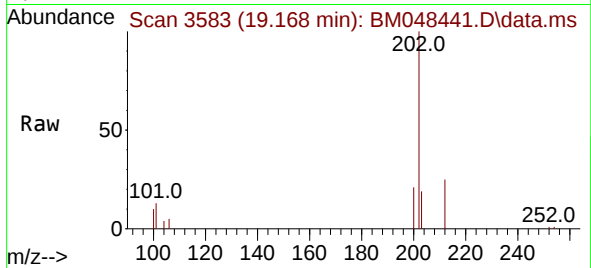




#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 19.168 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

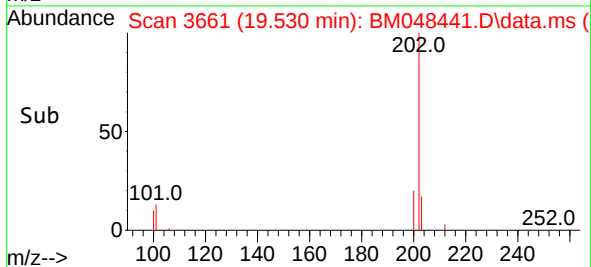
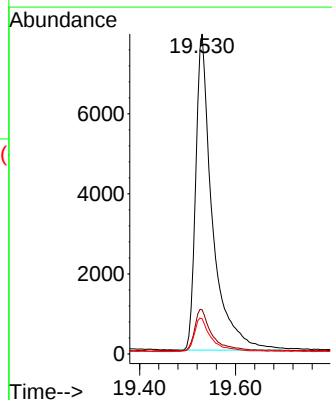
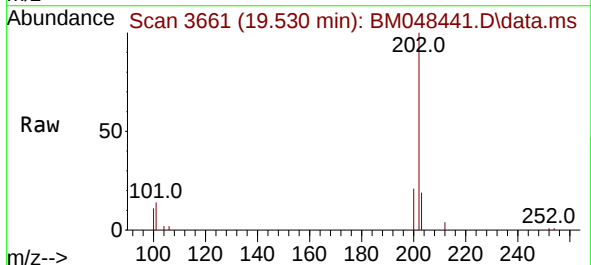
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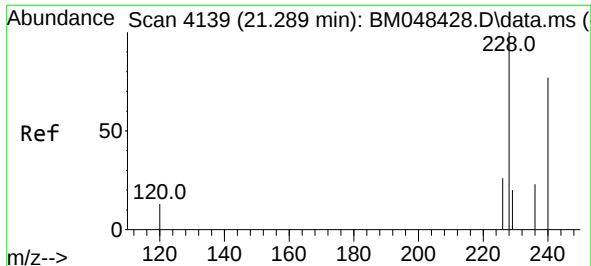
Tgt Ion:202 Resp: 17778
Ion Ratio Lower Upper
202 100
101 12.6 9.0 13.4
100 9.8 6.6 10.0



#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.530 min Scan# 3661
Delta R.T. -0.001 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:202 Resp: 19052
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 11.0 8.0 12.0

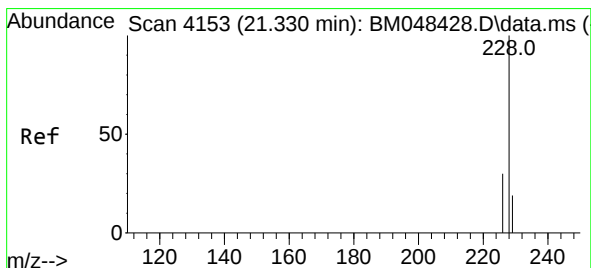
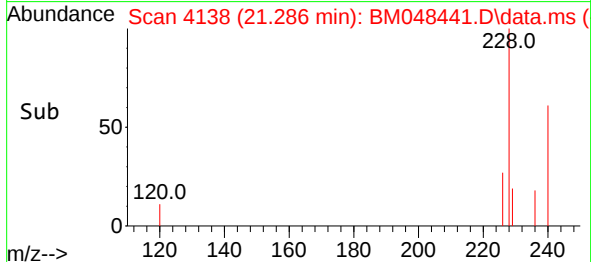
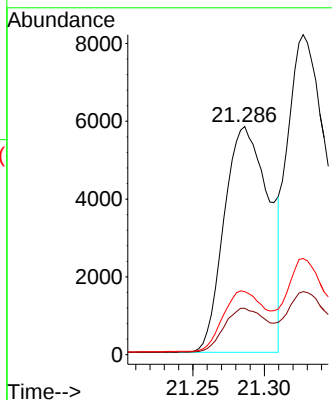
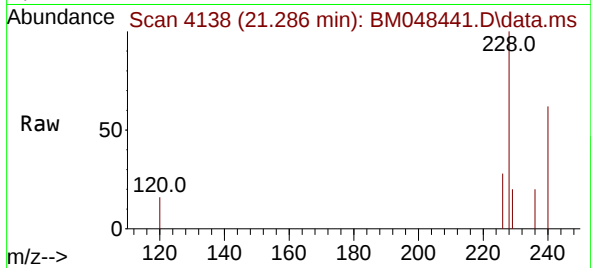




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. 0.006 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

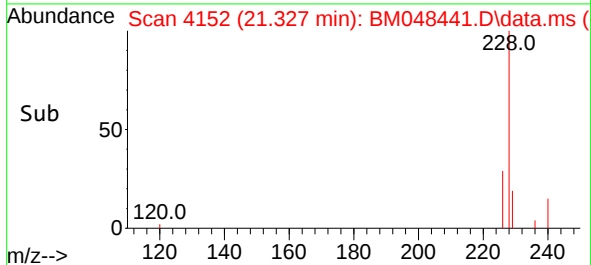
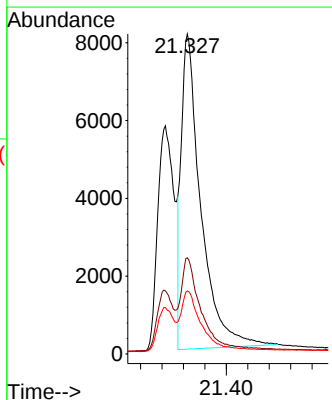
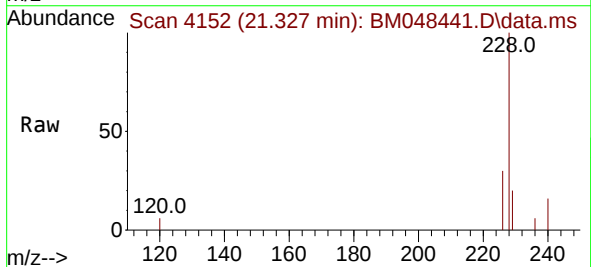
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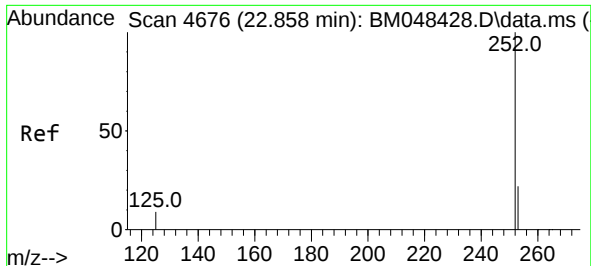
Tgt Ion:228 Resp: 12627
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.327 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:228 Resp: 20447
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.7 15.9 23.9

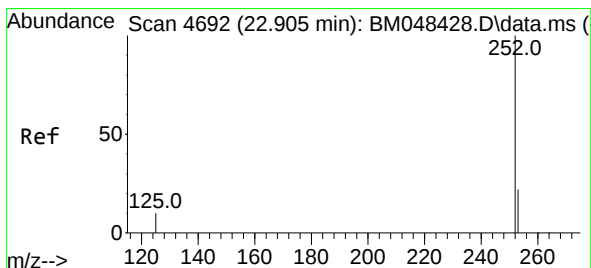
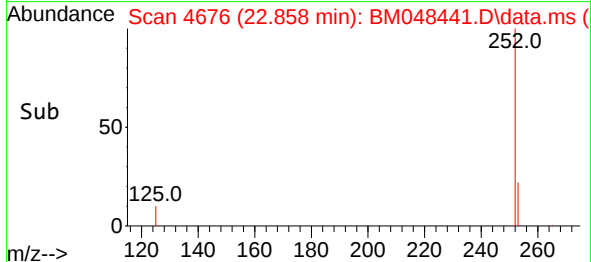
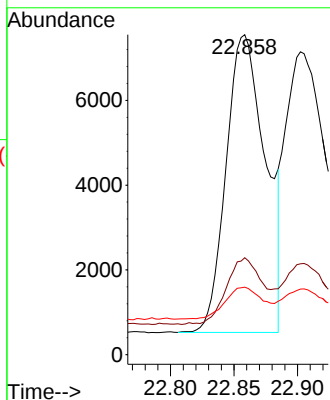
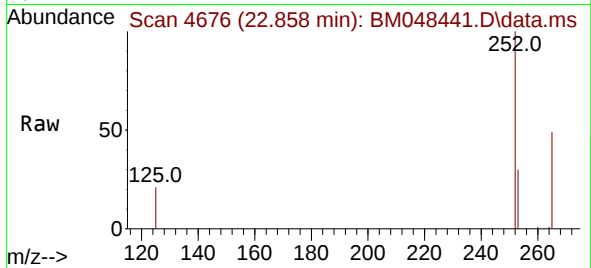




#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 22.858 min Scan# 4676
Delta R.T. -0.003 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

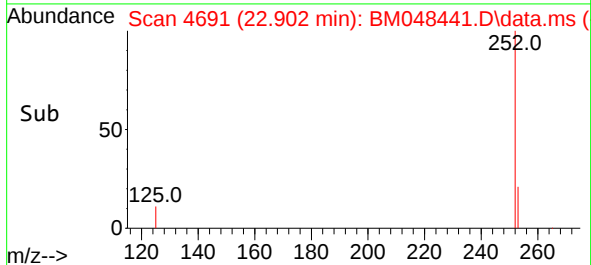
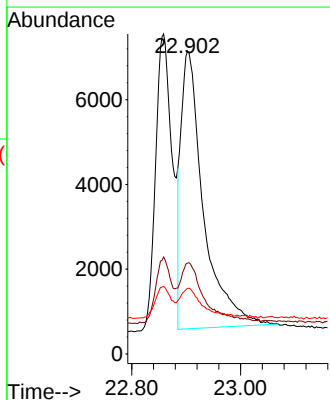
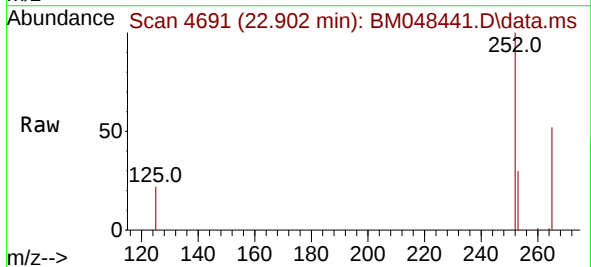
Instrument :
BNA_M
ClientSampleId :
SLCS569

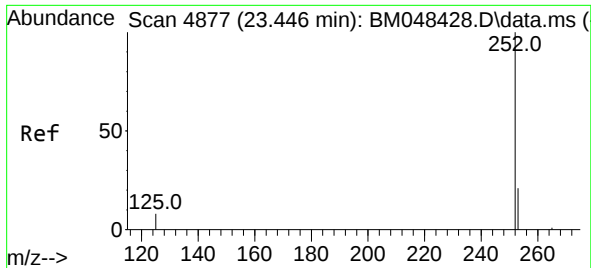
Tgt Ion:252 Resp: 15145
Ion Ratio Lower Upper
252 100
253 30.3 0.0 59.4
125 21.1 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 22.902 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:252 Resp: 18779
Ion Ratio Lower Upper
252 100
253 30.0 23.4 35.0
125 21.6 15.3 22.9

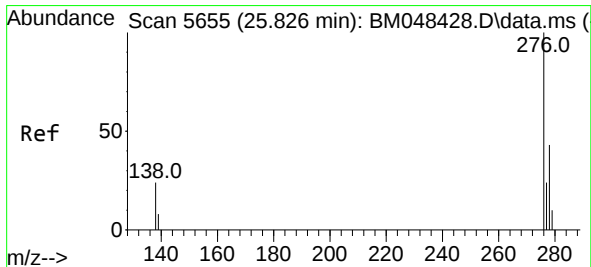
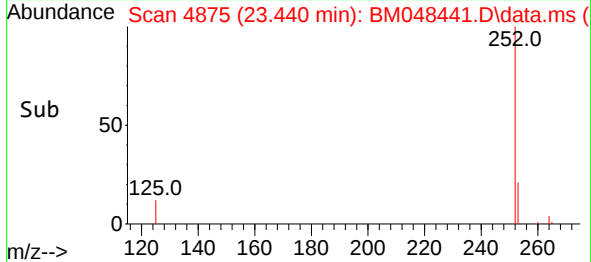
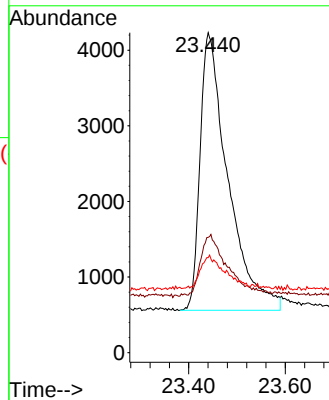
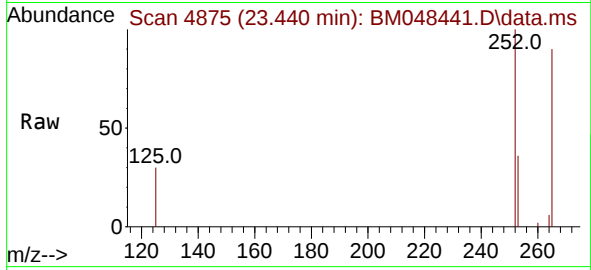




#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 23.440 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

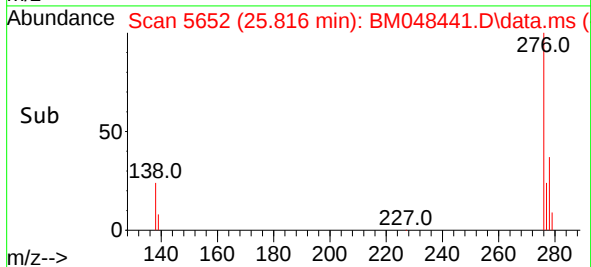
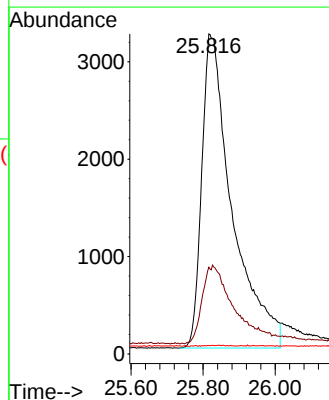
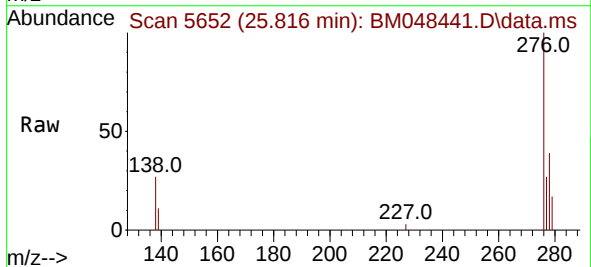
Instrument :
BNA_M
ClientSampleId :
SLCS569

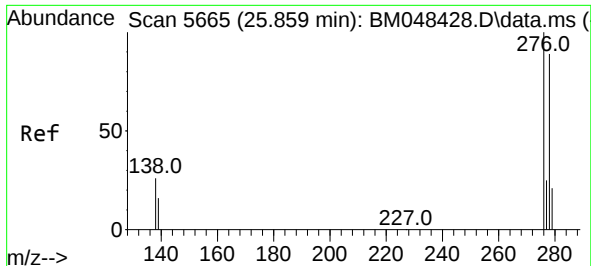
Tgt Ion:252	Resp:	14670
Ion Ratio	Lower	Upper
252	100	
253	36.1	27.7 41.5
125	29.7	21.1 31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.816 min Scan# 5652
Delta R.T. 0.004 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:276	Resp:	18878
Ion Ratio	Lower	Upper
276	100	
138	0.0	19.6 29.4#
227	0.1	0.1 0.1#

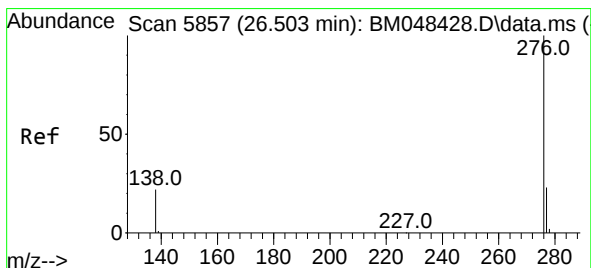
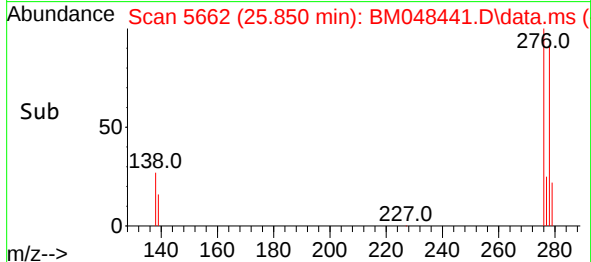
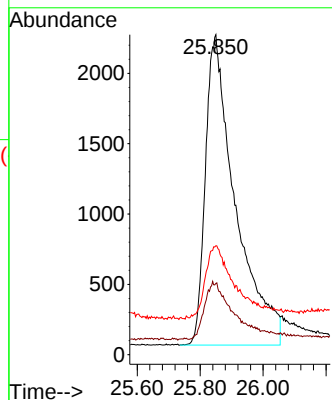
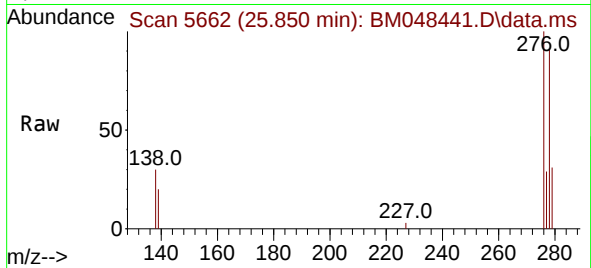




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.850 min Scan# 5665
Delta R.T. 0.014 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Instrument :
BNA_M
ClientSampleId :
SLCS569

Tgt Ion:278 Resp: 14596
Ion Ratio Lower Upper
278 100
139 22.3 15.6 23.4
279 34.1 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.500 min Scan# 5856
Delta R.T. 0.000 min
Lab File: BM048441.D
Acq: 04 Nov 2024 23:53

Tgt Ion:276 Resp: 16436
Ion Ratio Lower Upper
276 100
138 26.4 19.0 28.6
277 26.6 20.6 31.0

