

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
 Data File : BM048809.D
 Acq On : 02 Dec 2024 17:32
 Operator : RC/JU
 Sample : SSTD0.118
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1048

Quant Time: Dec 03 00:12:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 00:10:10 2024
 Response via : Initial Calibration

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

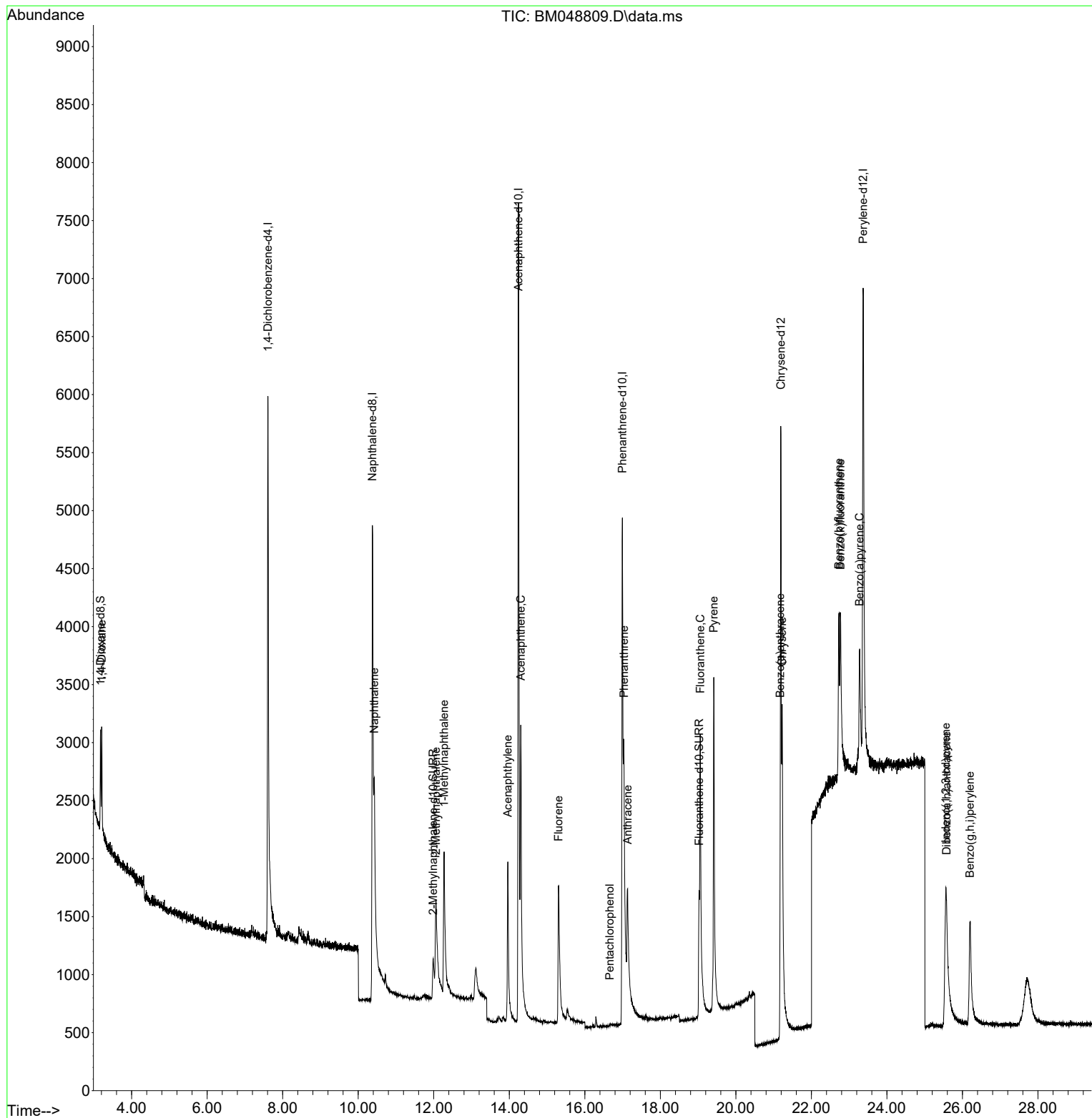
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	3659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	10012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	5480	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	10081	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	6360	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	7265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	574	0.130	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	1211	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.025	212	2036	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.206	88	779	0.158	ng/ul#	79
5) Naphthalene	10.425	128	2663	0.104	ng/ul#	85
7) 2-Methylnaphthalene	12.058	142	1482	0.088	ng/ul	97
8) 1-Methylnaphthalene	12.273	142	1603	0.094	ng/ul	98
10) Acenaphthylene	13.961	152	2465	0.095	ng/ul#	92
11) Acenaphthene	14.303	153	1777	0.101	ng/ul	99
12) Fluorene	15.303	166	1731	0.088	ng/ul#	97
14) Pentachlorophenol	16.664	266	14	0.005	ng/ul#	95
15) Phenanthrene	17.036	178	2644	0.092	ng/ul#	91
16) Anthracene	17.133	178	2155	0.075	ng/ul#	90
19) Fluoranthene	19.058	202	3295	0.102	ng/ul#	93
20) Pyrene	19.416	202	3519	0.102	ng/ul#	92
21) Benzo(a)anthracene	21.175	228	1928	0.064	ng/ul	94
22) Chrysene	21.228	228	3210	0.112	ng/ul	94
24) Benzo(b)fluoranthene	22.727	252	2160	0.071	ng/ul#	68
25) Benzo(k)fluoranthene	22.768	252	2951	0.098	ng/ul#	66
26) Benzo(a)pyrene	23.273	252	2084	0.074	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.561	276	2832	0.076	ng/ul#	46
28) Dibenzo(a,h)anthracene	25.578	278	1981	0.072	ng/ul#	71
29) Benzo(g,h,i)perylene	26.198	276	2501	0.085	ng/ul#	84

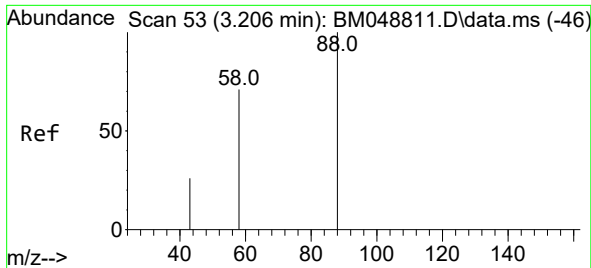
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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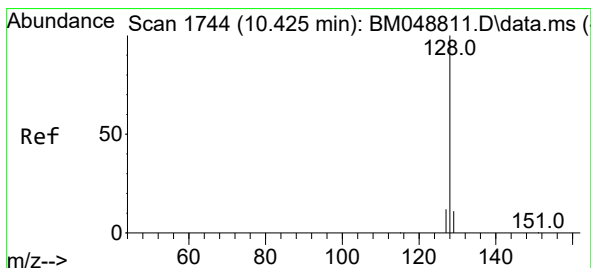
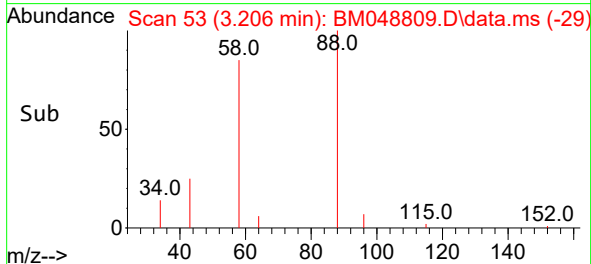
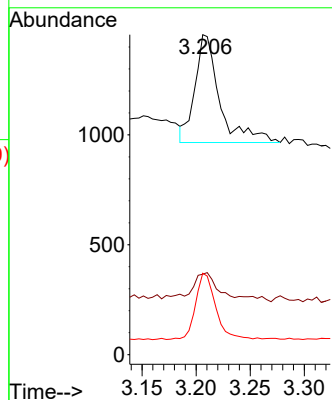
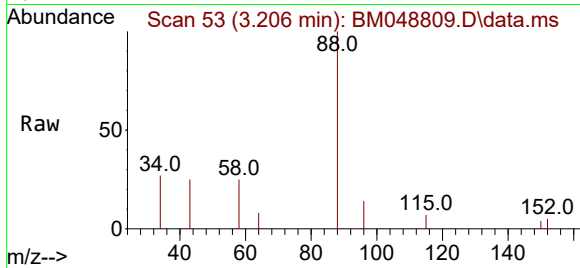




#2
1,4-Dioxane
Concen: 0.158 ng/ul
RT: 3.206 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

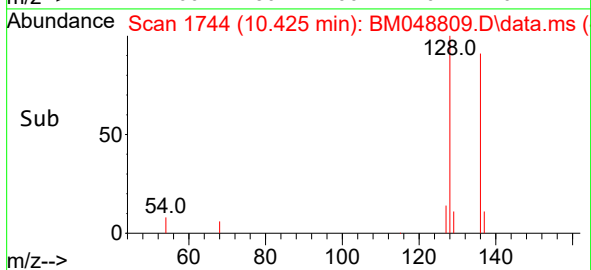
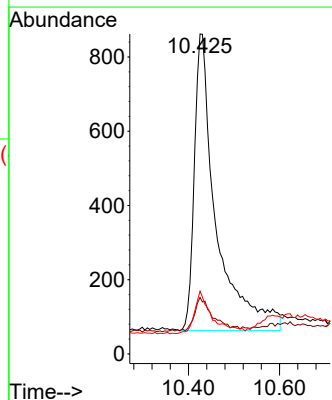
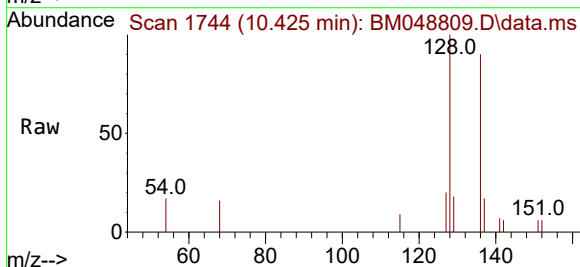
Instrument :
BNA_M
ClientSampleId :
SSTD0.1048

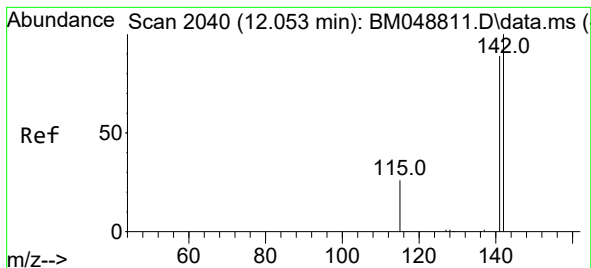
Tgt Ion: 88 Resp: 779
Ion Ratio Lower Upper
88 100
43 25.1 20.6 30.8
58 25.4 37.6 56.4#



#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion: 128 Resp: 2663
Ion Ratio Lower Upper
128 100
129 17.6 9.6 14.4#
127 19.6 10.7 16.1#

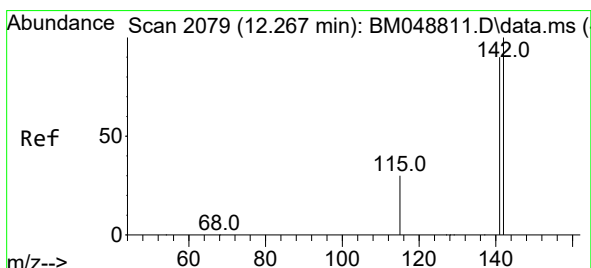
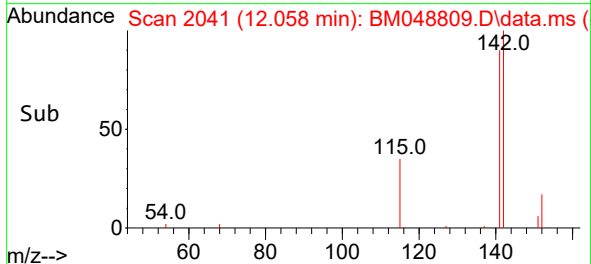
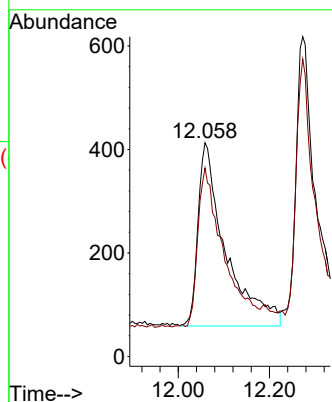
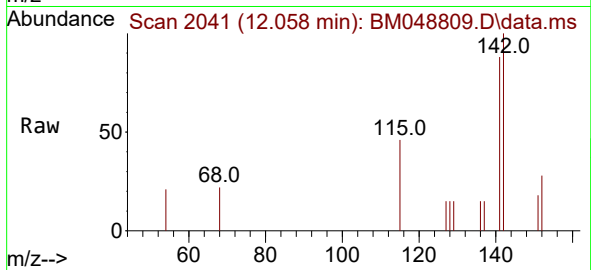




#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

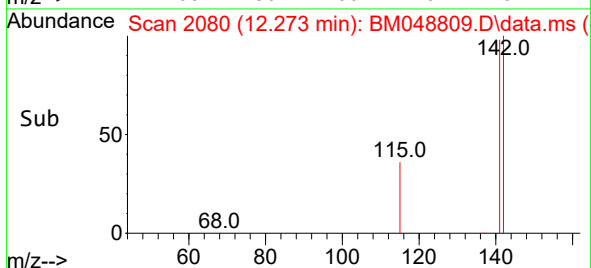
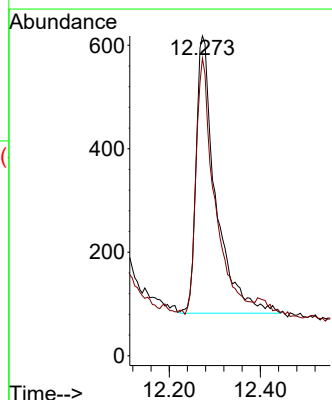
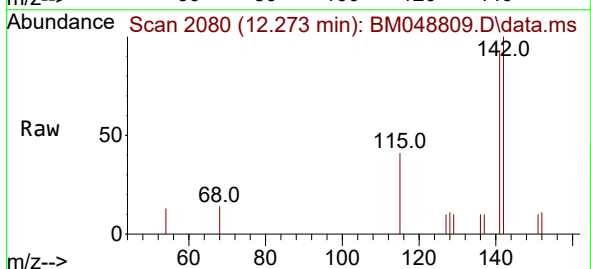
Instrument :
BNA_M
ClientSampleId :
SSTD0.1048

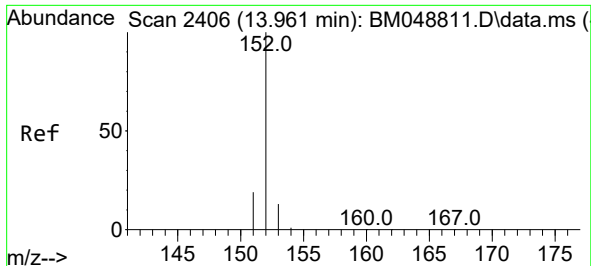
Tgt Ion:142 Resp: 1482
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:142 Resp: 1603
Ion Ratio Lower Upper
142 100
141 88.8 72.5 108.7

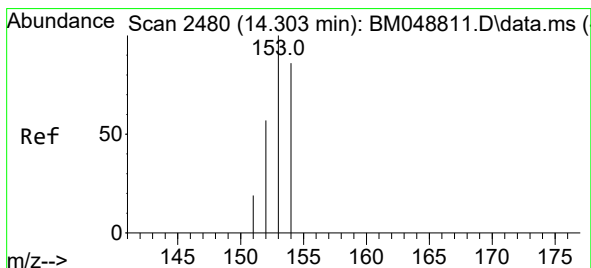
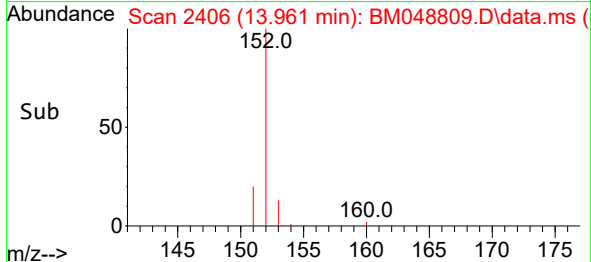
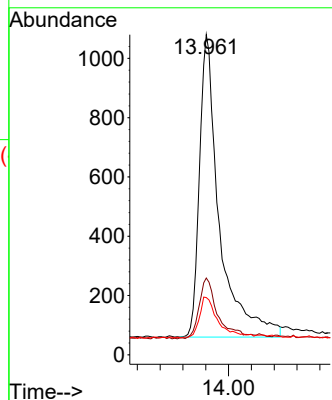
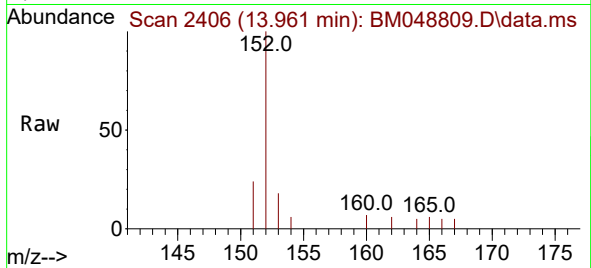




#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.961 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

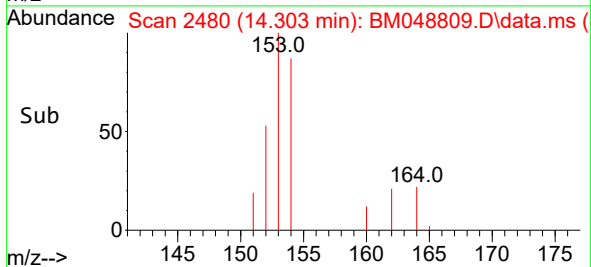
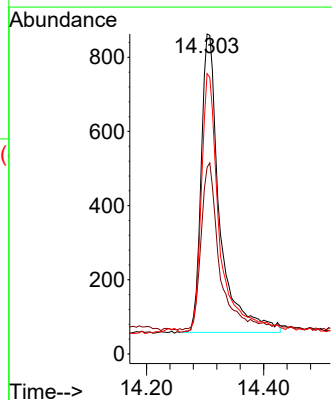
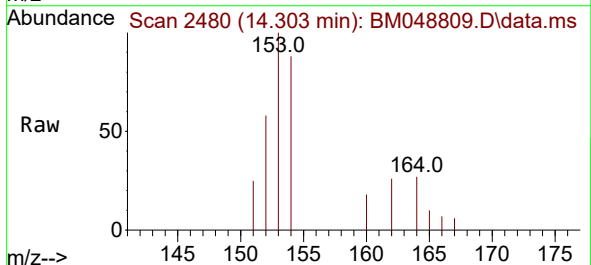
Instrument :
BNA_M
ClientSampleId :
SSTD0.1048

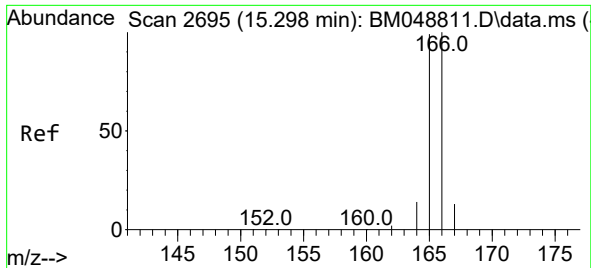
Tgt Ion:152 Resp: 2465
Ion Ratio Lower Upper
152 100
151 24.0 16.3 24.5
153 17.9 11.7 17.5#



#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:153 Resp: 1777
Ion Ratio Lower Upper
153 100
152 58.3 46.5 69.7
154 87.6 68.7 103.1

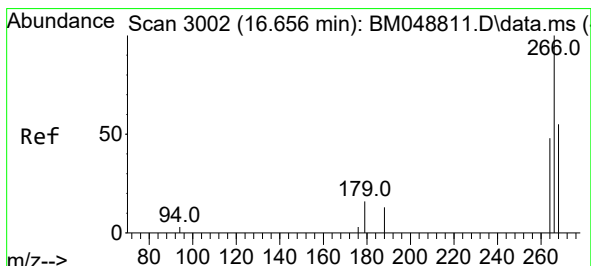
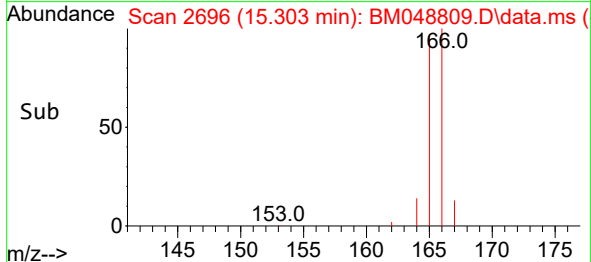
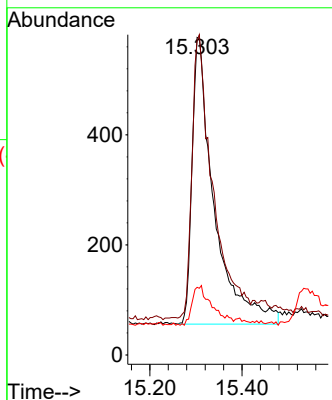
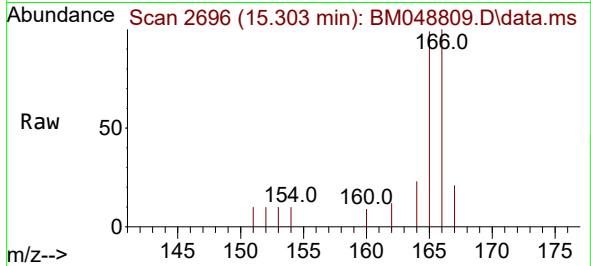




#12
Fluorene
Concen: 0.088 ng/ul
RT: 15.303 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

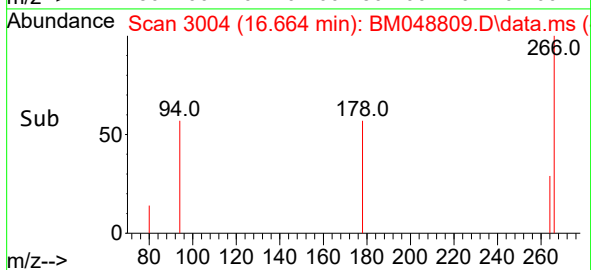
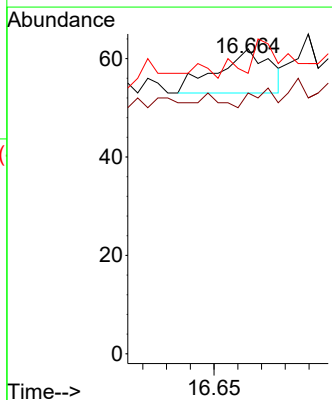
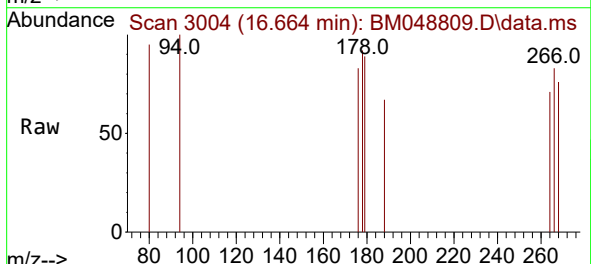
Instrument :
BNA_M
ClientSampleId :
SSTD0.1048

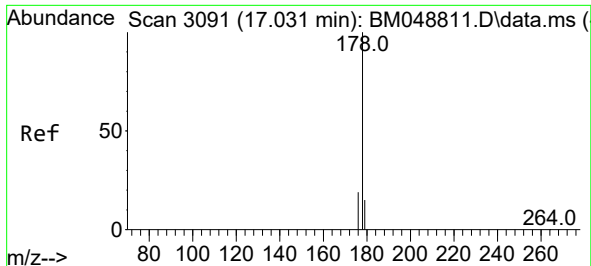
Tgt Ion:166 Resp: 1731
Ion Ratio Lower Upper
166 100
165 99.0 79.8 119.6
167 21.3 12.2 18.2#



#14
Pentachlorophenol
Concen: 0.005 ng/ul
RT: 16.664 min Scan# 3004
Delta R.T. 0.009 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 21.4 15.3 22.9
268 85.7 0.0 0.0#

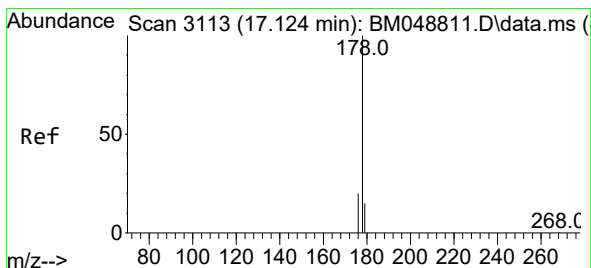
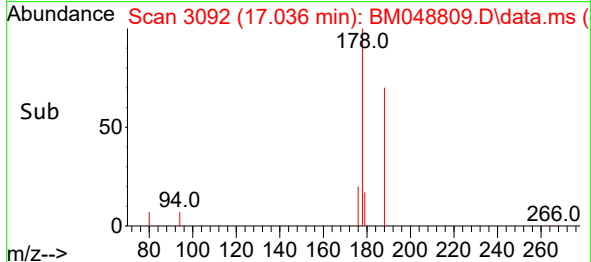
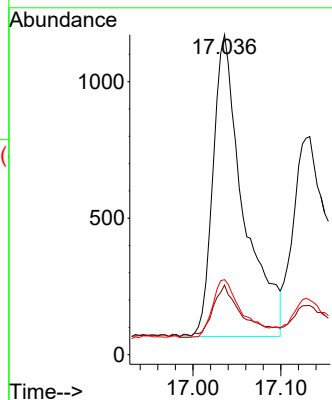
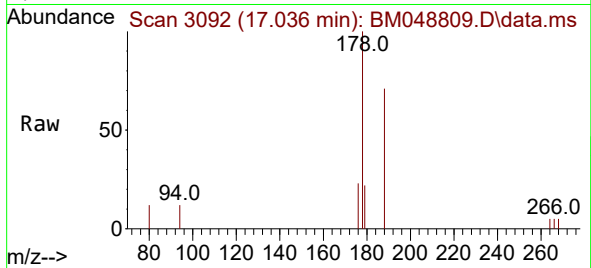




#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.036 min Scan# 3091
Delta R.T. 0.004 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

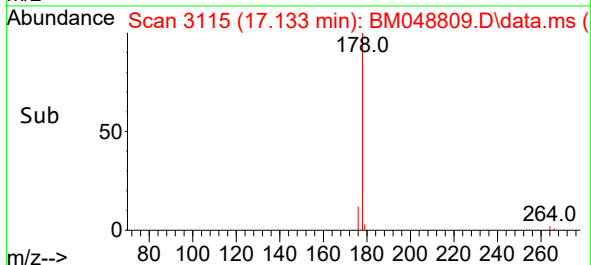
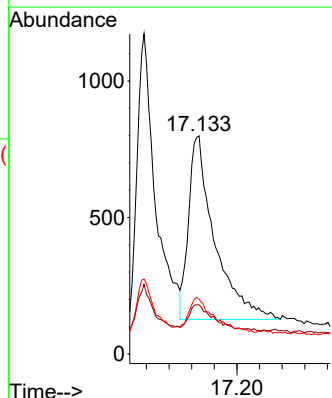
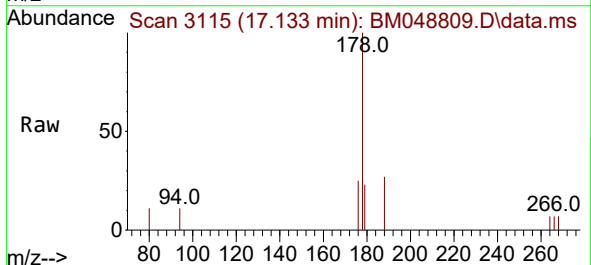
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ClientSampleId :
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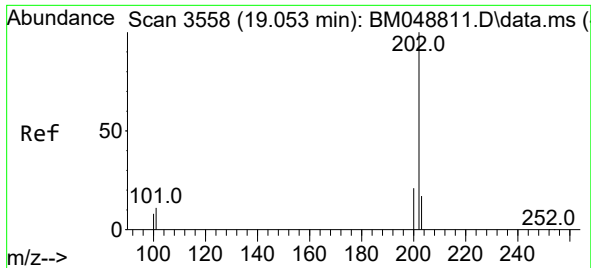
Tgt Ion:178 Resp: 2644
Ion Ratio Lower Upper
178 100
179 21.8 13.4 20.0#
176 23.5 16.2 24.4



#16
Anthracene
Concen: 0.075 ng/ul
RT: 17.133 min Scan# 3115
Delta R.T. 0.009 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:178 Resp: 2155
Ion Ratio Lower Upper
178 100
179 22.5 14.0 21.0#
176 25.0 17.0 25.4

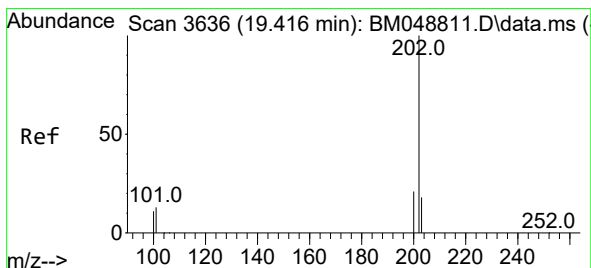
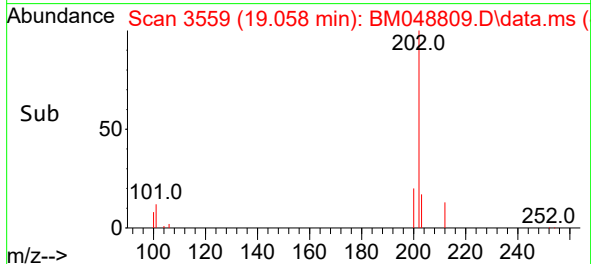
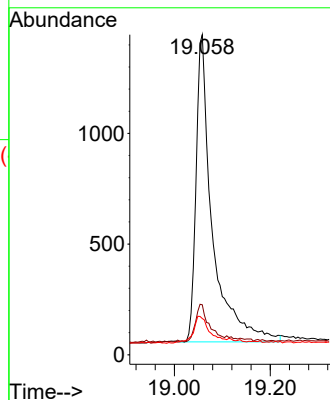
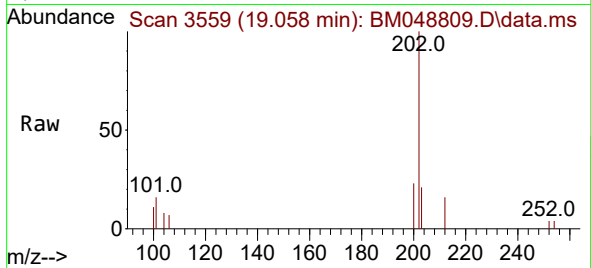




#19
Fluoranthene
Concen: 0.102 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

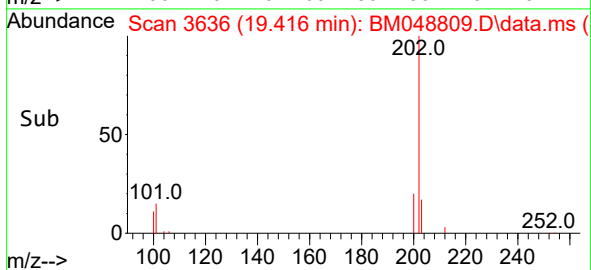
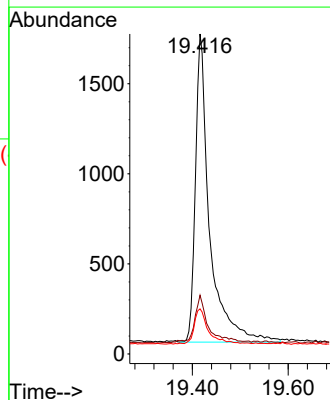
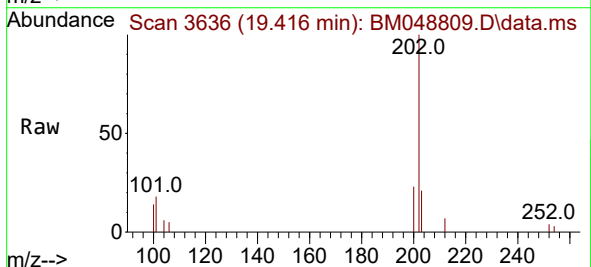
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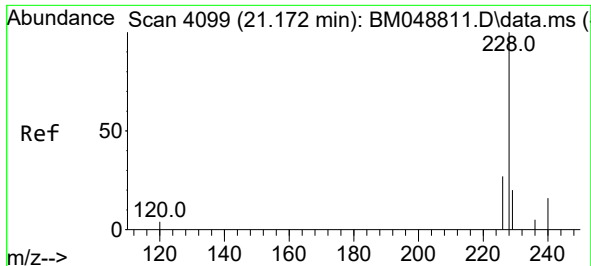
Tgt Ion:202 Resp: 3295
Ion Ratio Lower Upper
202 100
101 15.6 9.7 14.5#
100 11.3 7.5 11.3#



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:202 Resp: 3519
Ion Ratio Lower Upper
202 100
101 18.4 11.6 17.4#
100 14.1 9.4 14.0#

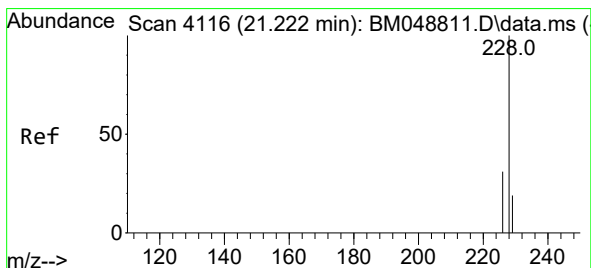
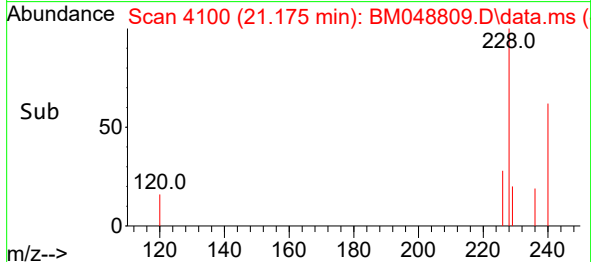
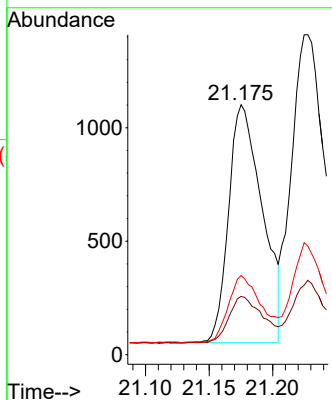
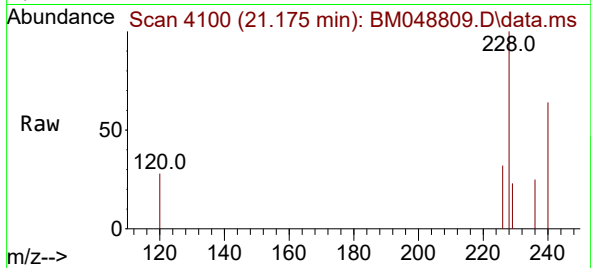




#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. 0.003 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

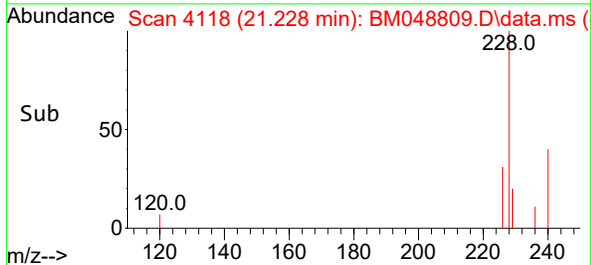
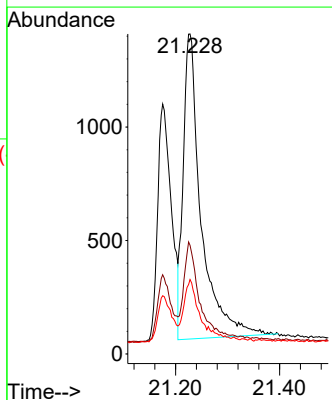
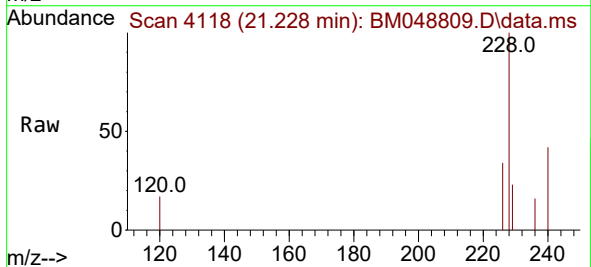
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SSTD0.1048

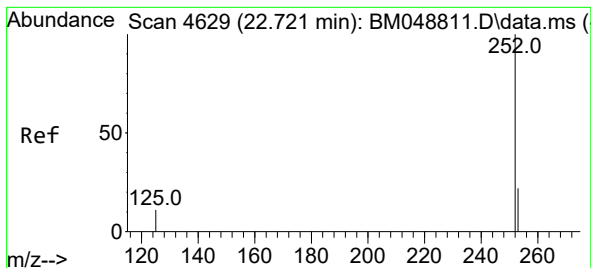
Tgt Ion:228 Resp: 1928
Ion Ratio Lower Upper
228 100
229 23.3 17.0 25.6
226 31.7 22.5 33.7



#22
Chrysene
Concen: 0.112 ng/ul
RT: 21.228 min Scan# 4118
Delta R.T. 0.006 min
Lab File: BM048809.D
Acq: 02 Dec 2024 17:32

Tgt Ion:228 Resp: 3210
Ion Ratio Lower Upper
228 100
226 34.0 24.6 37.0
229 23.3 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.071 ng/ul

RT: 22.727 min Scan# 4

Delta R.T. 0.006 min

Lab File: BM048809.D

Acq: 02 Dec 2024 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.1048

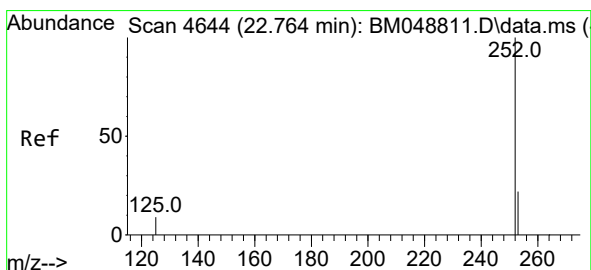
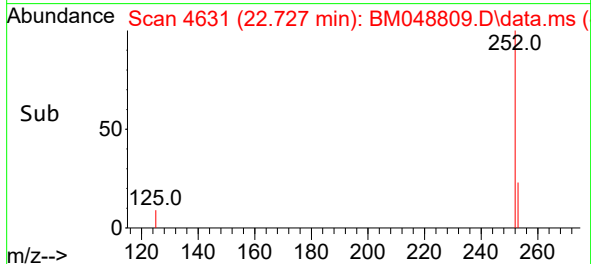
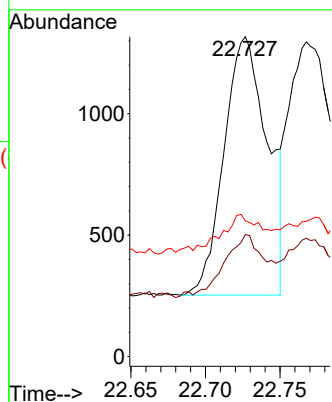
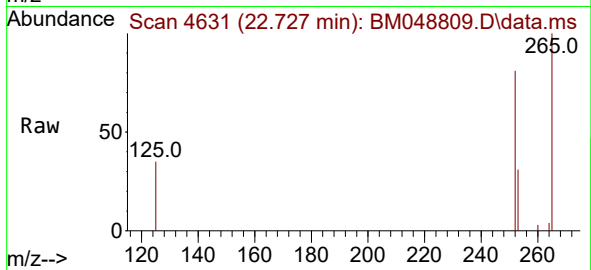
Tgt Ion:252 Resp: 2160

Ion Ratio Lower Upper

252 100

253 38.1 0.0 54.2

125 42.4 0.0 41.4#



#25

Benzo(k)fluoranthene

Concen: 0.098 ng/ul

RT: 22.768 min Scan# 4645

Delta R.T. 0.003 min

Lab File: BM048809.D

Acq: 02 Dec 2024 17:32

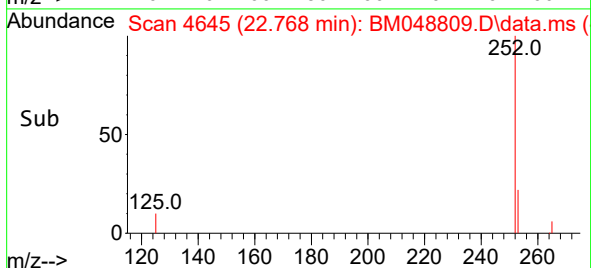
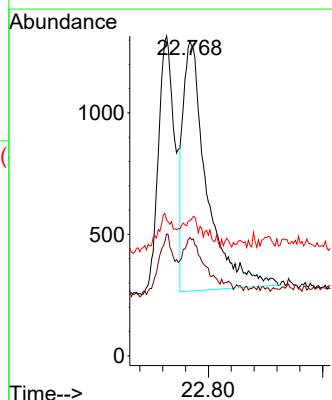
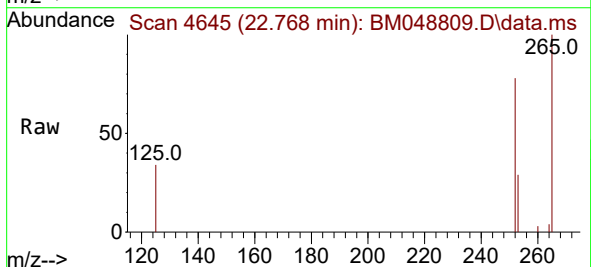
Tgt Ion:252 Resp: 2951

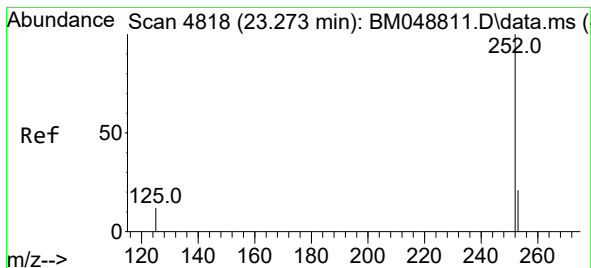
Ion Ratio Lower Upper

252 100

253 37.6 20.8 31.2#

125 43.0 16.2 24.4#





#26

Benzo(a)pyrene

Concen: 0.074 ng/ul

RT: 23.273 min Scan# 4818

Delta R.T. 0.000 min

Lab File: BM048809.D

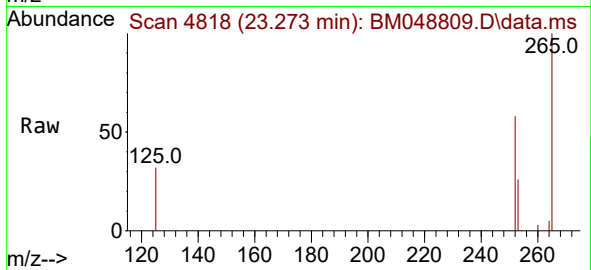
Acq: 02 Dec 2024 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.1048



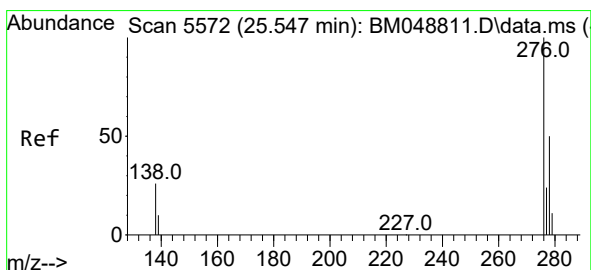
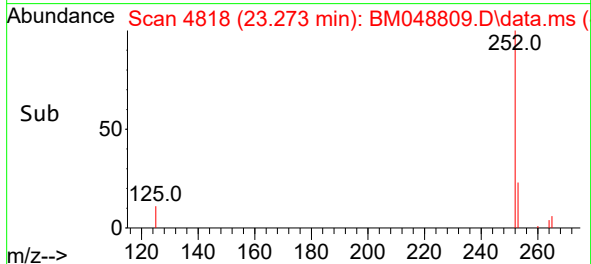
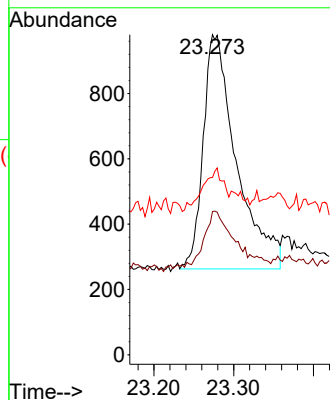
Tgt Ion:252 Resp: 2084

Ion Ratio Lower Upper

252 100

253 44.8 22.5 33.7#

125 55.4 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.076 ng/ul

RT: 25.561 min Scan# 5576

Delta R.T. 0.014 min

Lab File: BM048809.D

Acq: 02 Dec 2024 17:32

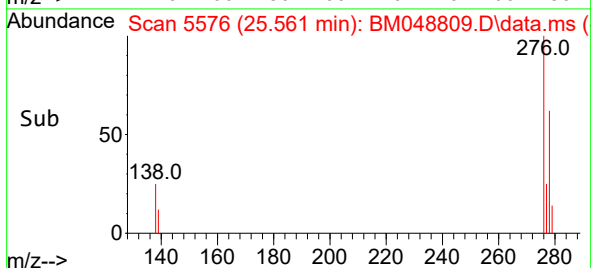
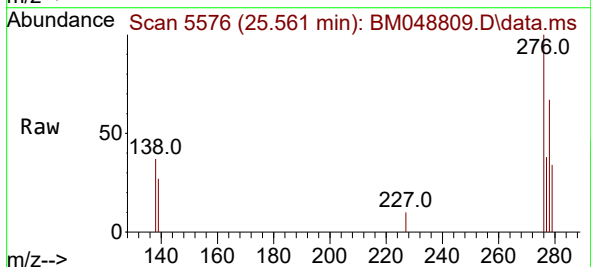
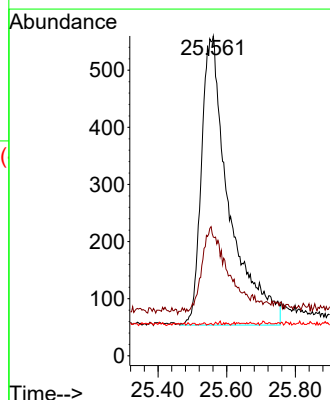
Tgt Ion:276 Resp: 2832

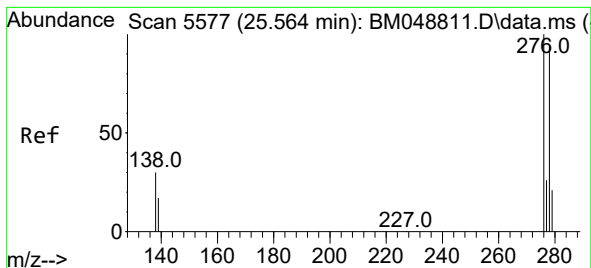
Ion Ratio Lower Upper

276 100

138 0.0 23.3 34.9#

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.072 ng/ul

RT: 25.578 min Scan# 5581

Delta R.T. 0.014 min

Lab File: BM048809.D

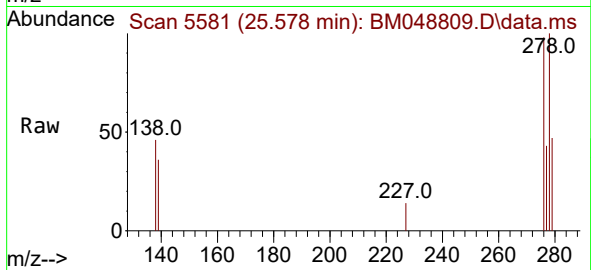
Acq: 02 Dec 2024 17:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.1048



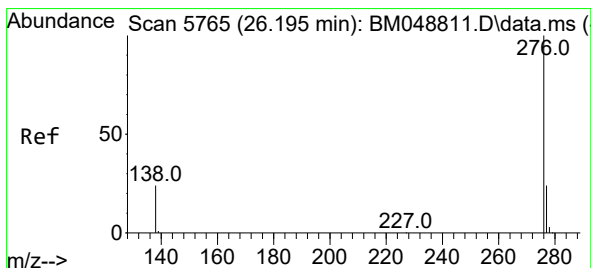
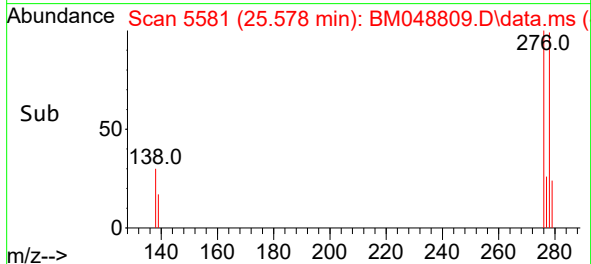
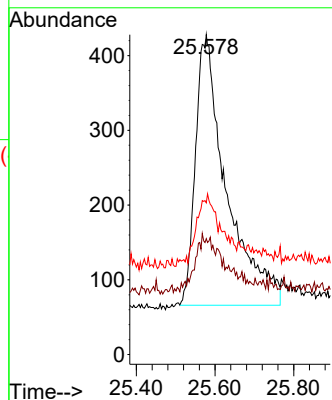
Tgt Ion:278 Resp: 1981

Ion Ratio Lower Upper

278 100

139 36.2 18.6 27.8#

279 47.4 24.7 37.1#



#29

Benzo(g,h,i)perylene

Concen: 0.085 ng/ul

RT: 26.198 min Scan# 5766

Delta R.T. 0.004 min

Lab File: BM048809.D

Acq: 02 Dec 2024 17:32

Tgt Ion:276 Resp: 2501

Ion Ratio Lower Upper

276 100

138 34.6 22.2 33.2#

277 36.5 21.8 32.6#

