

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048745.D
 Acq On : 16 Nov 2024 17:04
 Operator : RC/JU
 Sample : P4803-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AQ5

Quant Time: Nov 17 22:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

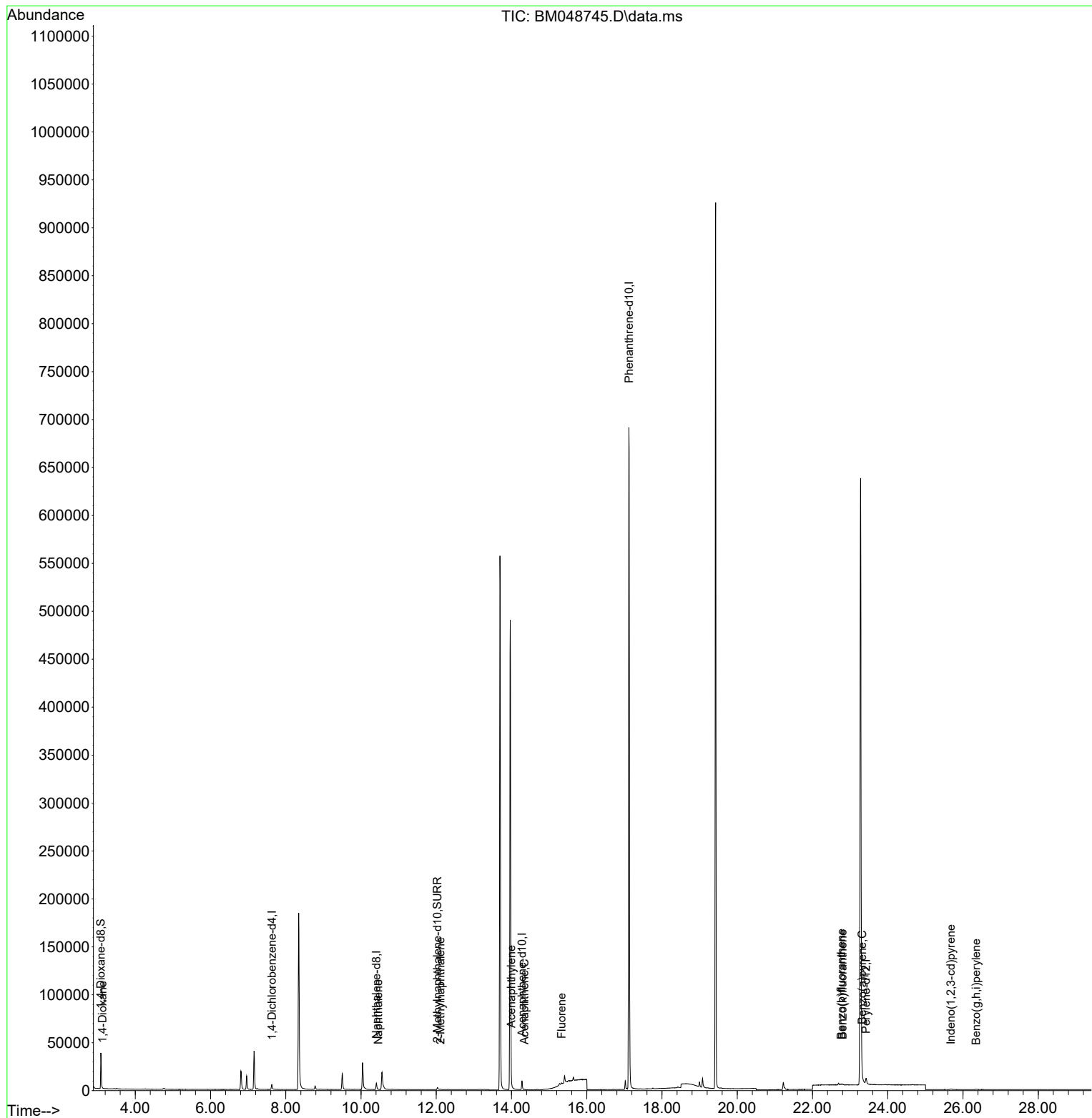
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.629	152	3263	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136	9766	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.281	164	5421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.121	188	856473	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.23
23) Perylene-d12	23.424	264	12347	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	22790	5.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.032	152	4217	0.334	ng/ul	-0.02
18) Fluoranthene-d10	19.078	212	10903	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	136	0.030	ng/ul#	66
5) Naphthalene	10.459	128	641	0.026	ng/ul#	65
7) 2-Methylnaphthalene	12.109	142	472	0.031	ng/ul	94
10) Acenaphthylene	13.994	152	487	0.024	ng/ul#	60
11) Acenaphthene	14.341	153	368	0.022	ng/ul#	93
12) Fluorene	15.331	166	651	0.036	ng/ul#	94
24) Benzo(b)fluoranthene	22.760	252	1350	0.035	ng/ul#	2
25) Benzo(k)fluoranthene	22.804	252	1214	0.027	ng/ul#	1
26) Benzo(a)pyrene	23.318	252	762	0.020	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.676	276	1071	0.020	ng/ul#	85
29) Benzo(g,h,i)perylene	26.350	276	940	0.021	ng/ul#	29

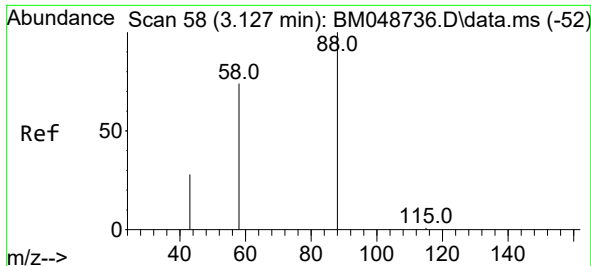
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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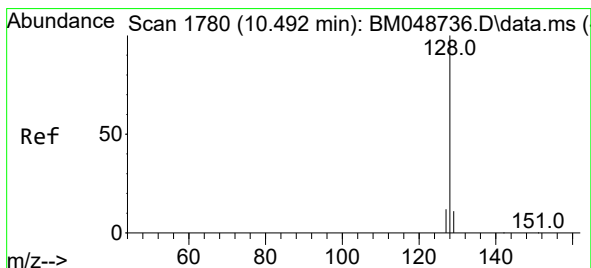
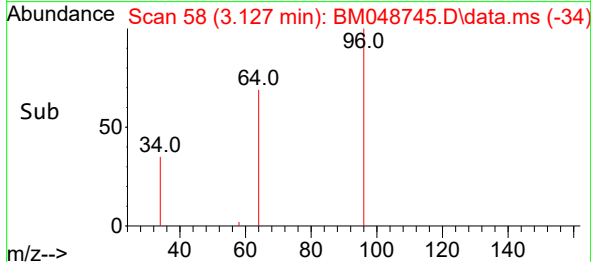
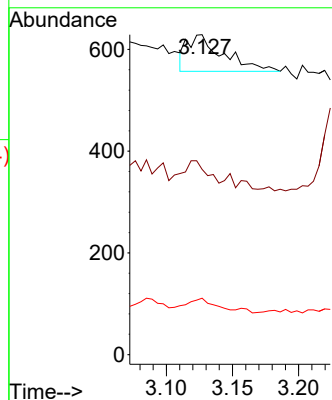
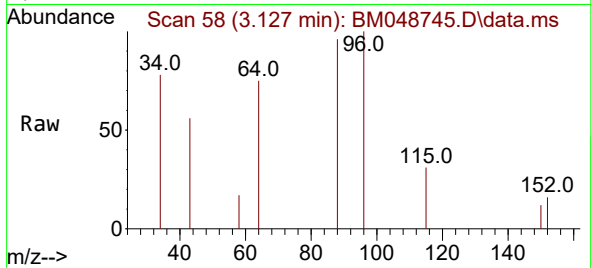




#2
1,4-Dioxane
Concen: 0.030 ng/ul
RT: 3.127 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

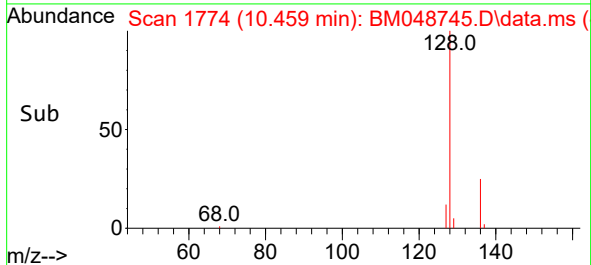
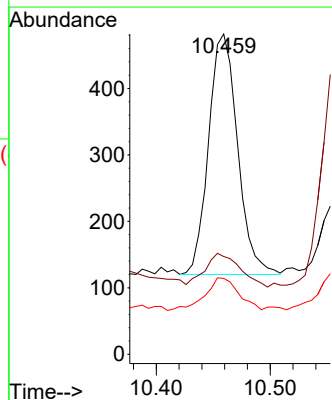
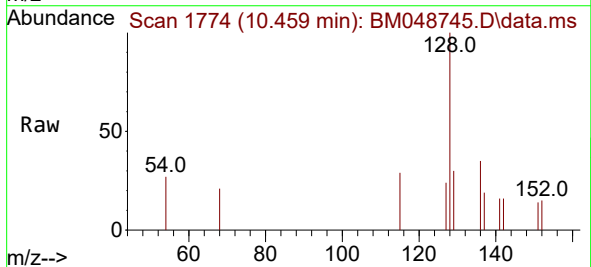
Instrument :
BNA_M
ClientSampleId :
A0AQ5

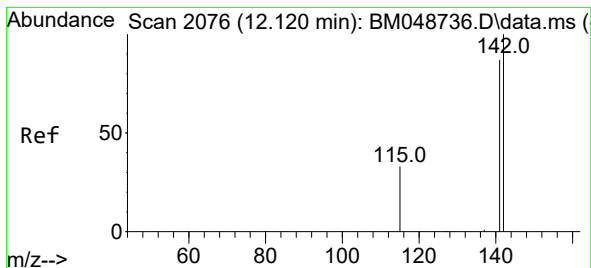
Tgt Ion: 88 Resp: 136
Ion Ratio Lower Upper
88 100
43 57.9 60.2 90.4#
58 17.6 44.2 66.2#



#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.459 min Scan# 1774
Delta R.T. -0.033 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion: 128 Resp: 641
Ion Ratio Lower Upper
128 100
129 30.5 10.0 15.0#
127 23.7 10.9 16.3#

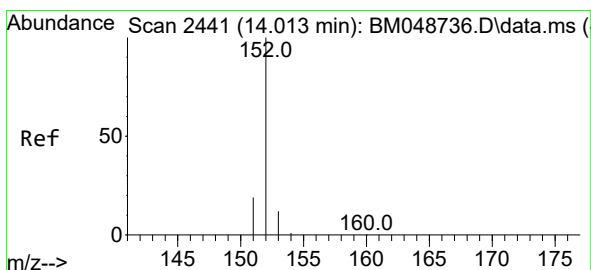
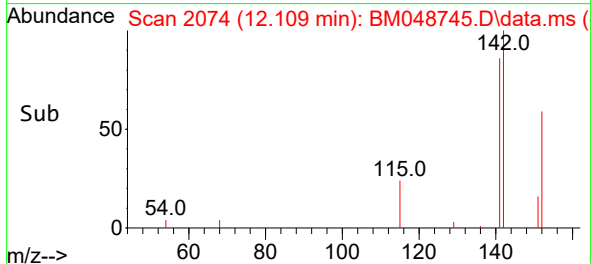
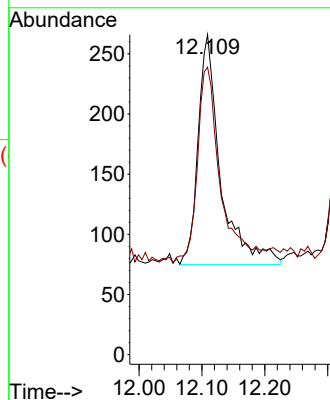
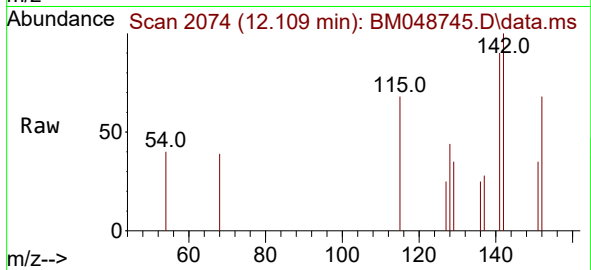




#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.109 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

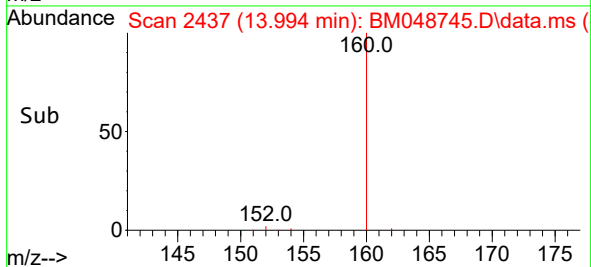
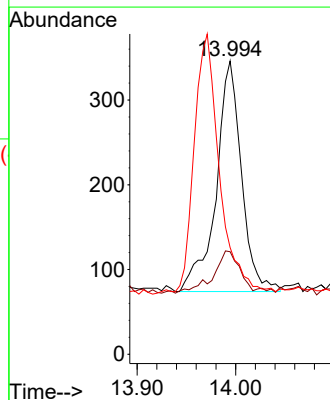
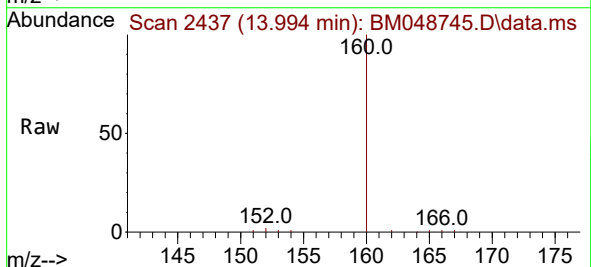
Instrument :
BNA_M
ClientSampleId :
A0AQ5

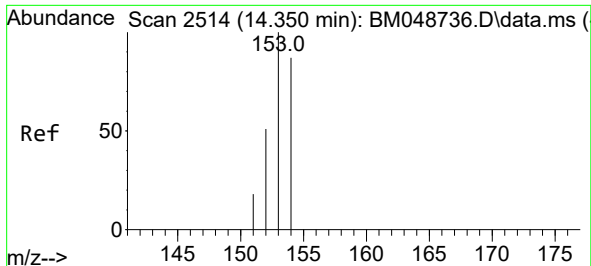
Tgt Ion:142 Resp: 472
Ion Ratio Lower Upper
142 100
141 91.7 68.6 103.0



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.994 min Scan# 2437
Delta R.T. -0.018 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:152 Resp: 487
Ion Ratio Lower Upper
152 100
151 35.0 16.5 24.7#
153 36.4 11.6 17.4#

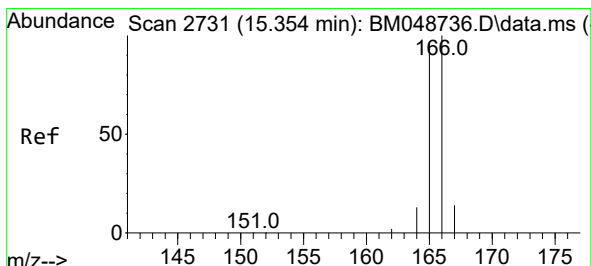
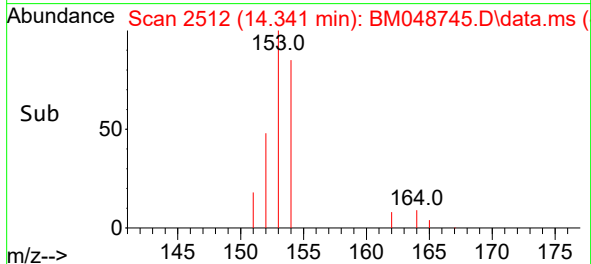
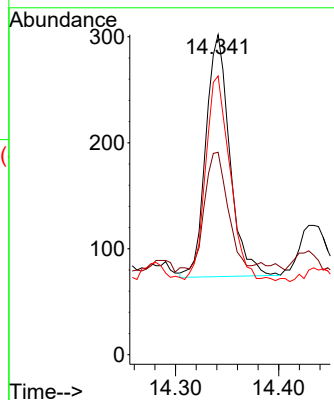
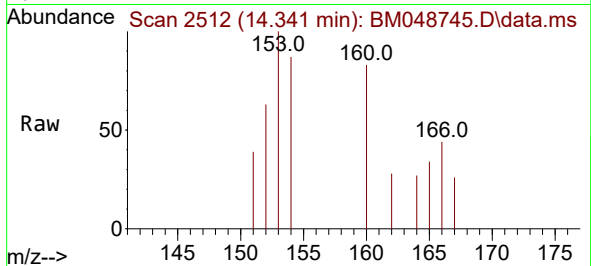




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.341 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

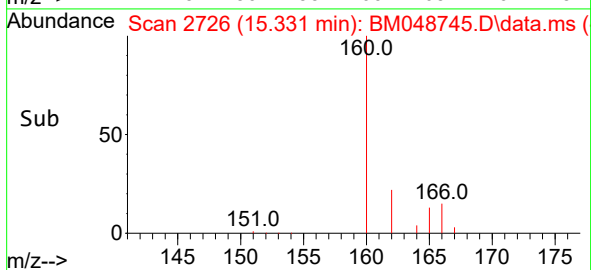
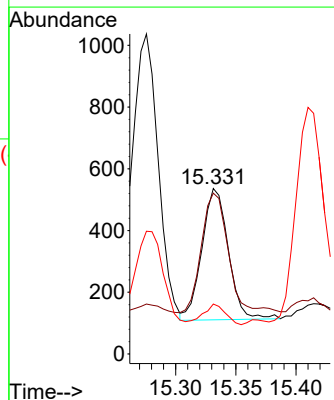
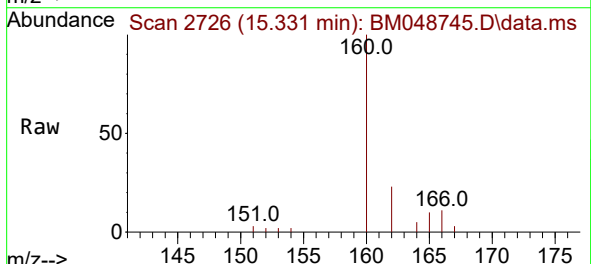
Instrument :
BNA_M
ClientSampleId :
A0AQ5

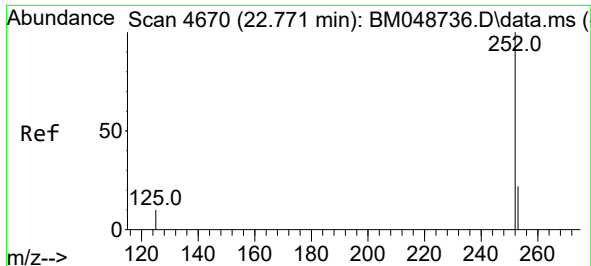
Tgt Ion:153 Resp: 368
Ion Ratio Lower Upper
153 100
152 63.2 41.1 61.7#
154 87.1 70.3 105.5



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.331 min Scan# 2726
Delta R.T. -0.023 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:166 Resp: 651
Ion Ratio Lower Upper
166 100
165 97.2 78.7 118.1
167 30.2 12.6 18.8#

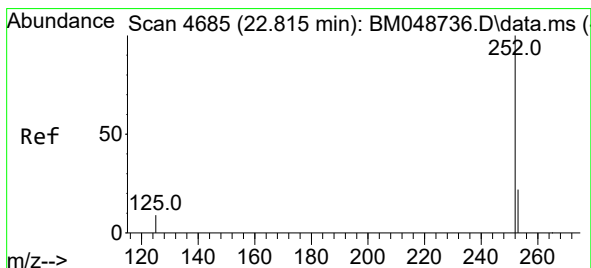
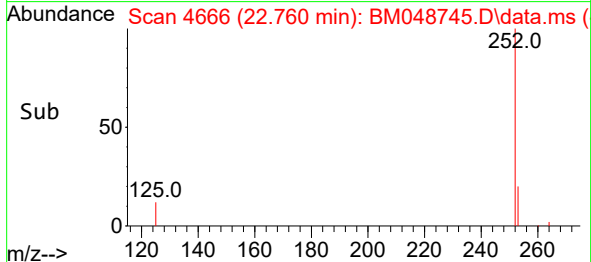
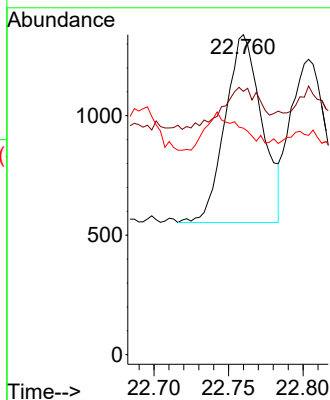
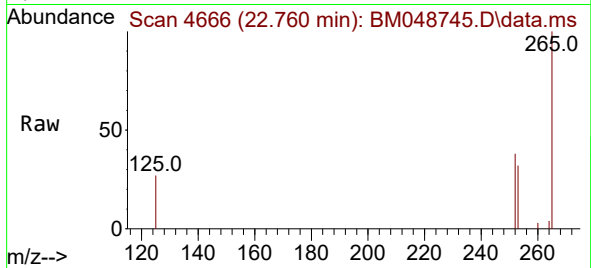




#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul
RT: 22.760 min Scan# 4666
Delta R.T. -0.012 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

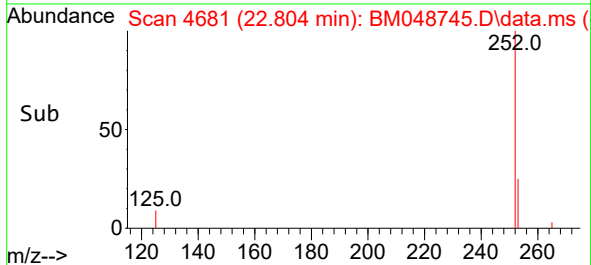
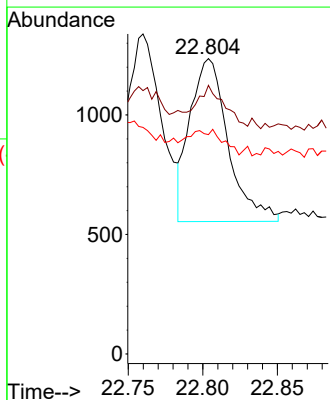
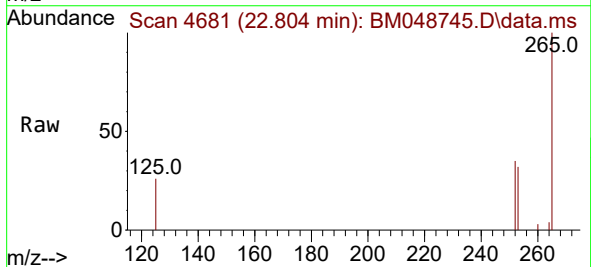
Instrument :
BNA_M
ClientSampleId :
A0AQ5

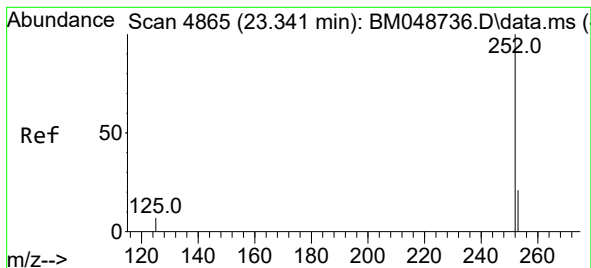
Tgt Ion:252 Resp: 1350
Ion Ratio Lower Upper
252 100
253 82.3 0.0 61.6#
125 70.8 0.0 43.2#



#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul
RT: 22.804 min Scan# 4681
Delta R.T. -0.012 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Tgt Ion:252 Resp: 1214
Ion Ratio Lower Upper
252 100
253 90.9 25.0 37.4#
125 74.3 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.020 ng/ul

RT: 23.318 min Scan# 4857

Delta R.T. -0.023 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

Instrument :

BNA_M

ClientSampleId :

A0AQ5

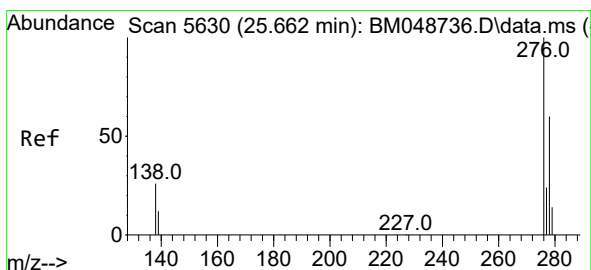
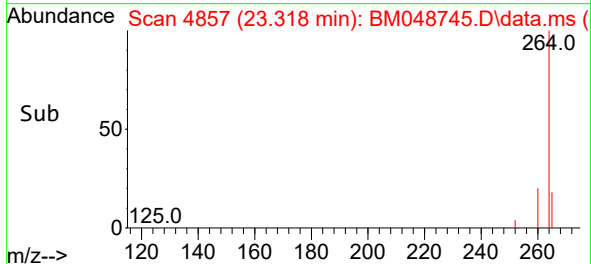
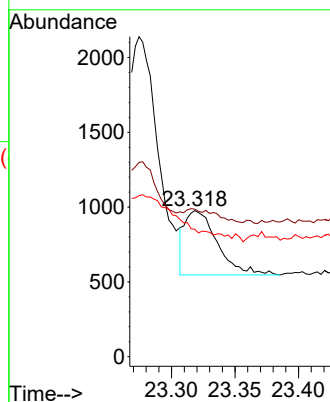
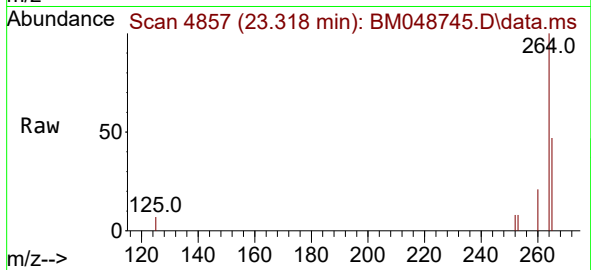
Tgt Ion:252 Resp: 762

Ion Ratio Lower Upper

252 100

253 100.9 29.6 44.4#

125 87.1 23.9 35.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul

RT: 25.676 min Scan# 5634

Delta R.T. 0.014 min

Lab File: BM048745.D

Acq: 16 Nov 2024 17:04

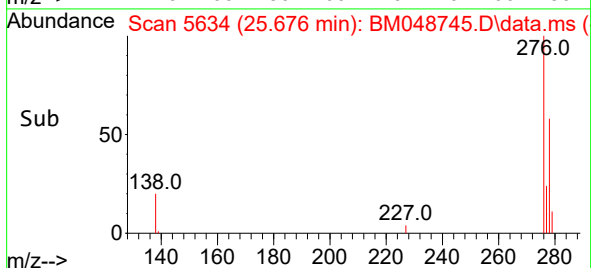
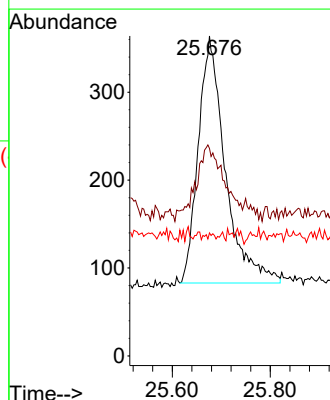
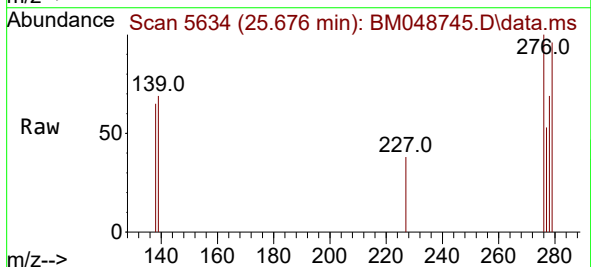
Tgt Ion:276 Resp: 1071

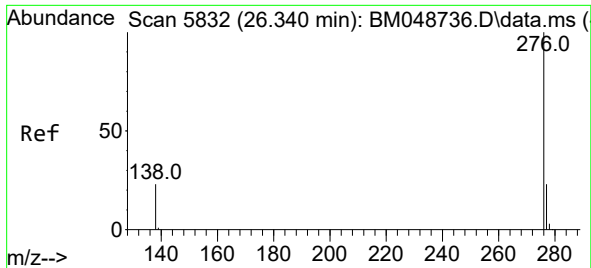
Ion Ratio Lower Upper

276 100

138 32.6 20.1 30.1#

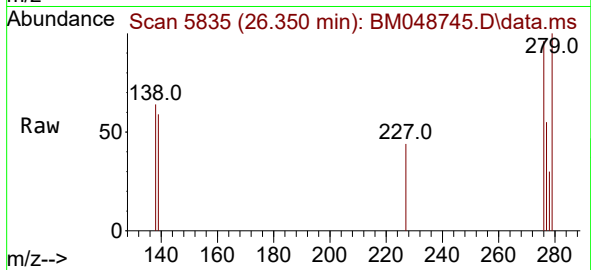
227 0.5 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM048745.D
Acq: 16 Nov 2024 17:04

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 940
Ion Ratio Lower Upper
276 100
138 66.8 21.0 31.6#
277 57.9 20.5 30.7#

