

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049262.D
 Acq On : 27 Dec 2024 20:02
 Operator : RC/JU
 Sample : P5324-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE630

Quant Time: Dec 27 22:13:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

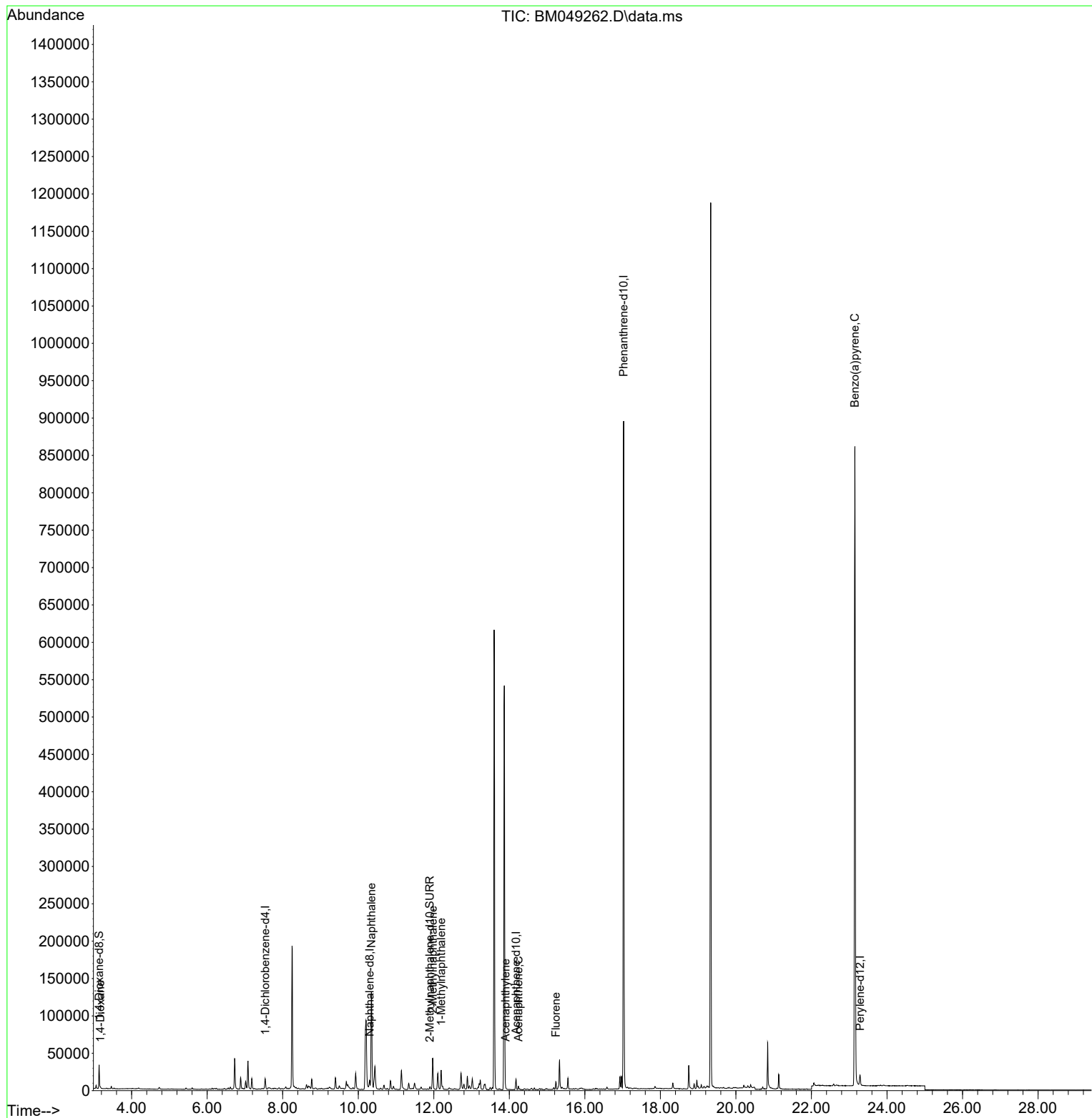
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	3971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	11604	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	7351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	995331	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.13
23) Perylene-d12	23.285	264	20317	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	17115	3.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	4389	0.281	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	12800	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	1140	0.213	ng/ul#	82
5) Naphthalene	10.347	128	166086	5.718	ng/ul	98
7) 2-Methylnaphthalene	11.975	142	30903	1.679	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	22244	1.180	ng/ul	86
10) Acenaphthylene	13.899	152	629	0.021	ng/ul#	1
11) Acenaphthene	14.242	153	2795	0.126	ng/ul	98
12) Fluorene	15.236	166	6174	0.246	ng/ul#	99
26) Benzo(a)pyrene	23.148	252	3804	0.061	ng/ul#	45

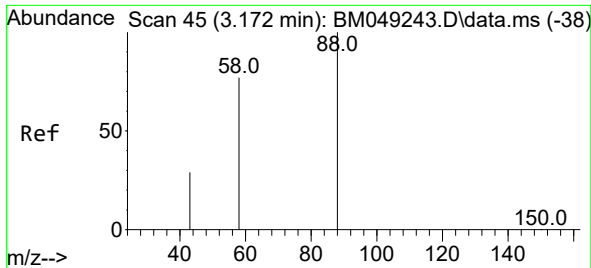
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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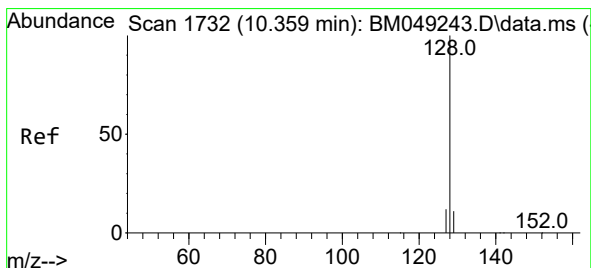
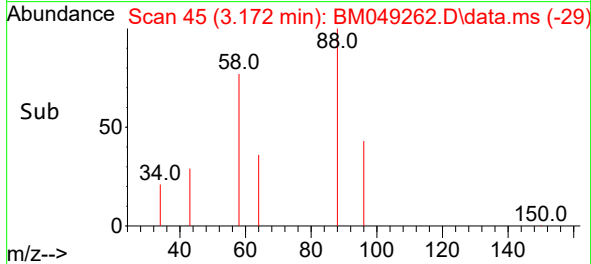
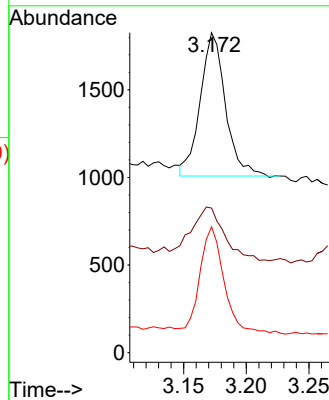
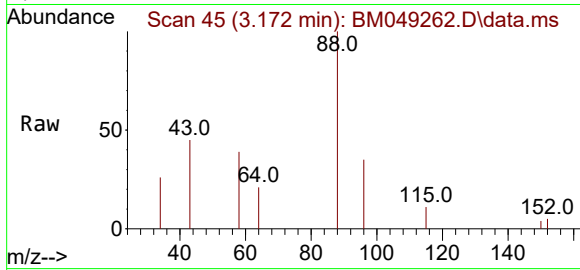




#2
1,4-Dioxane
Concen: 0.213 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

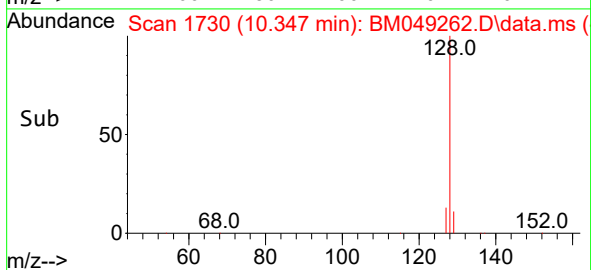
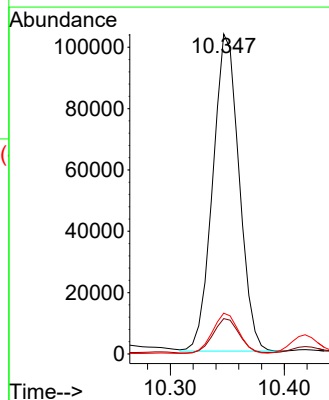
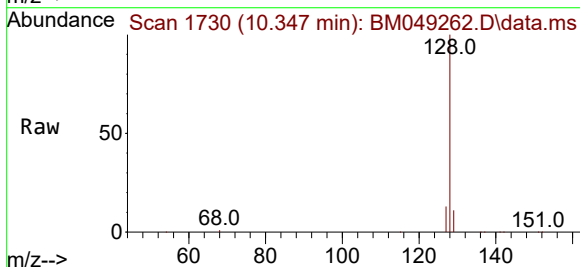
Instrument :
BNA_M
ClientSampleId :
YE630

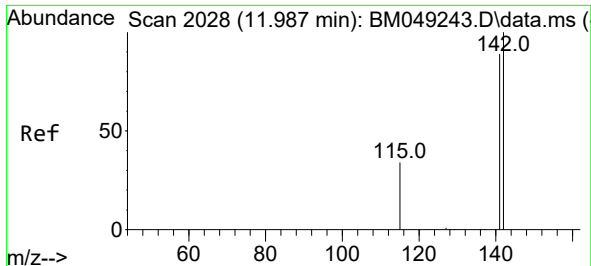
Tgt Ion: 88 Resp: 1140
Ion Ratio Lower Upper
88 100
43 45.2 45.4 68.2#
58 39.3 43.6 65.4#



#5
Naphthalene
Concen: 5.718 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

Tgt Ion: 128 Resp: 166086
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.7 10.6 16.0

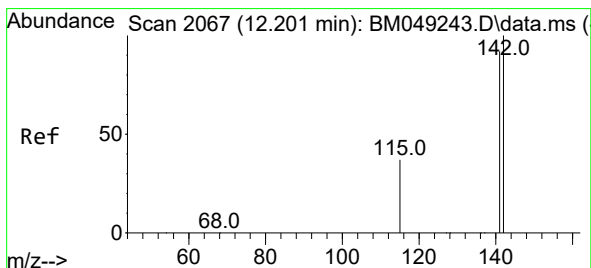
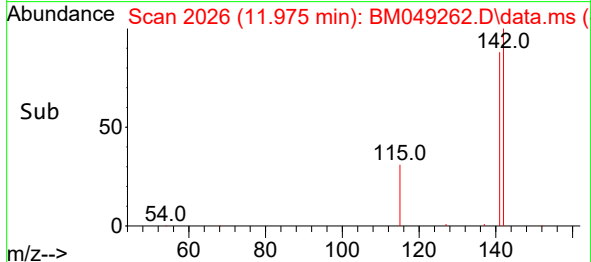
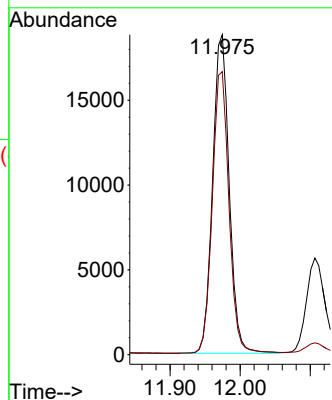
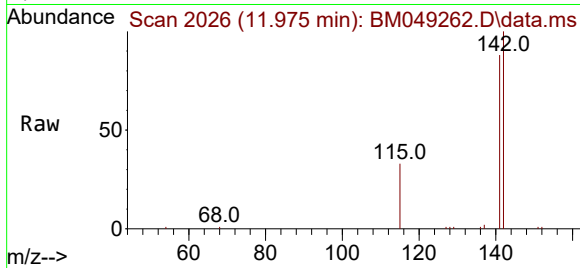




#7
2-Methylnaphthalene
Concen: 1.679 ng/ul
RT: 11.975 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

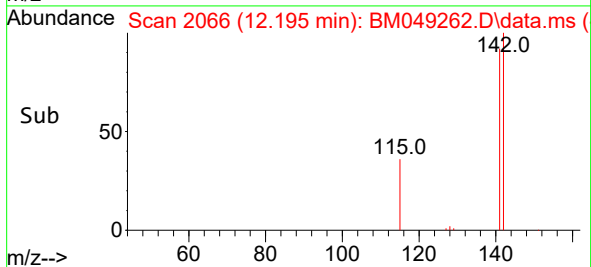
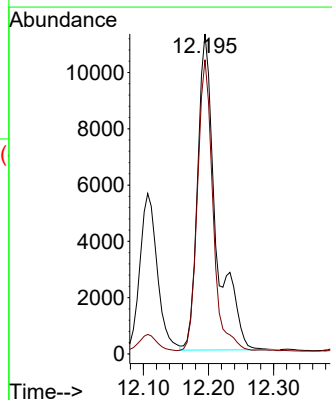
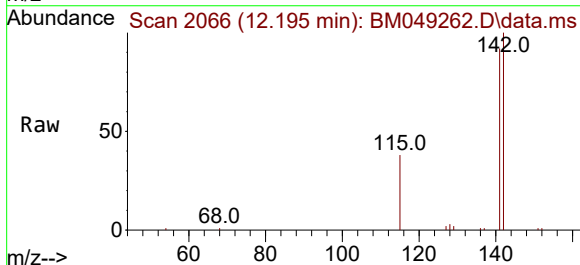
Instrument :
BNA_M
ClientSampleId :
YE630

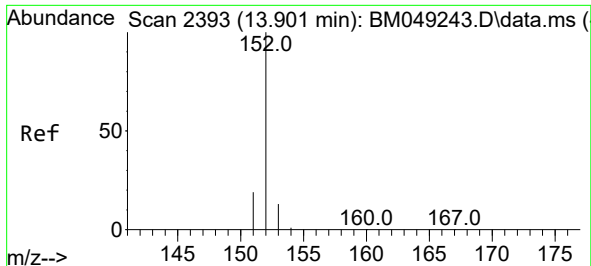
Tgt Ion:142 Resp: 30903
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5



#8
1-Methylnaphthalene
Concen: 1.180 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

Tgt Ion:142 Resp: 22244
Ion Ratio Lower Upper
142 100
141 77.6 72.7 109.1

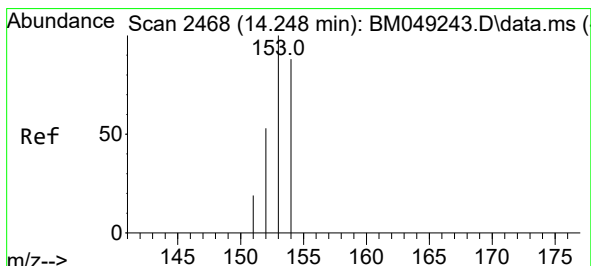
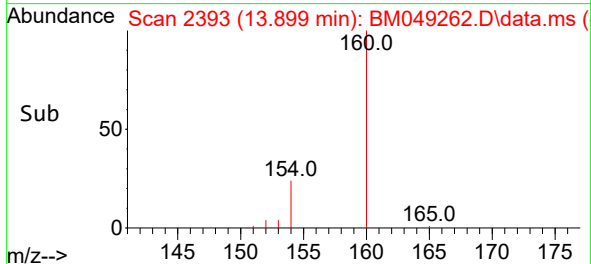
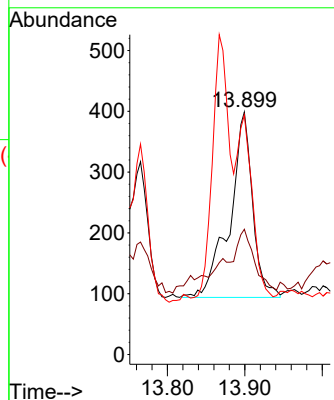
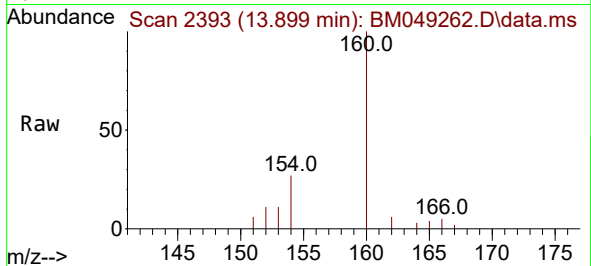




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

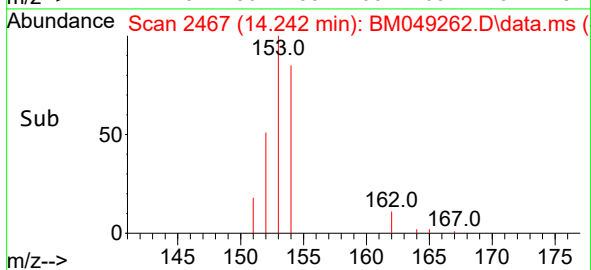
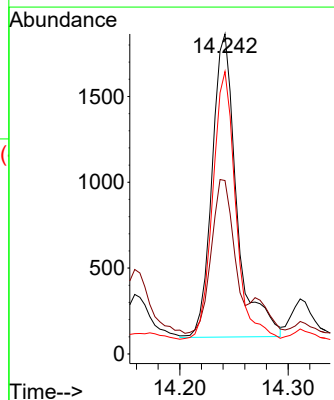
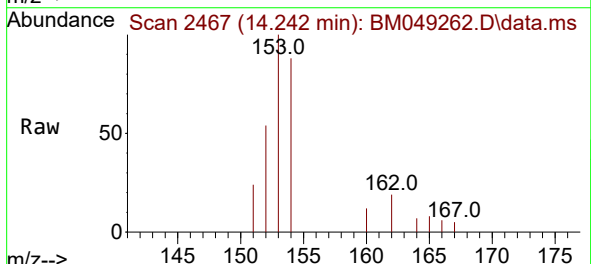
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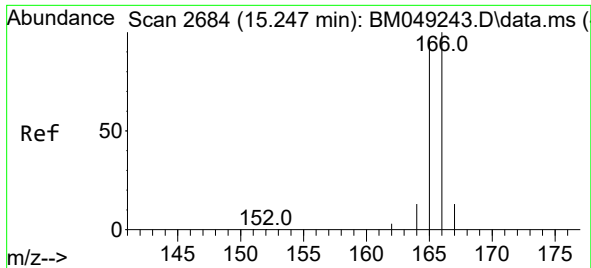
Tgt Ion:152 Resp: 629
Ion Ratio Lower Upper
152 100
151 51.6 16.0 24.0#
153 98.7 11.0 16.6#



#11
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

Tgt Ion:153 Resp: 2795
Ion Ratio Lower Upper
153 100
152 54.2 40.7 61.1
154 88.3 70.8 106.2

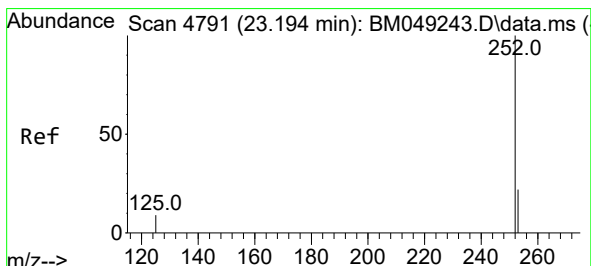
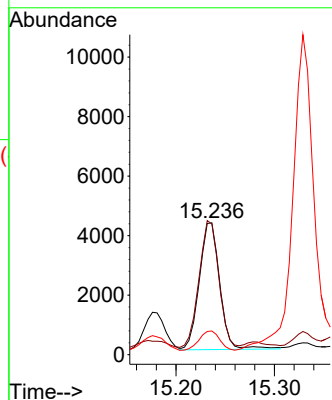
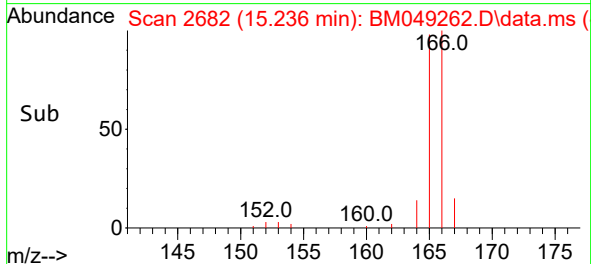
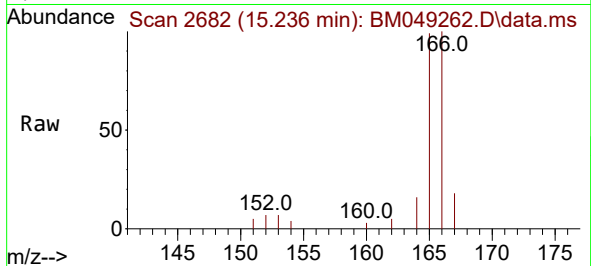




#12
Fluorene
Concen: 0.246 ng/ul
RT: 15.236 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

Instrument :
BNA_M
ClientSampleId :
YE630

Tgt Ion:166 Resp: 6174
Ion Ratio Lower Upper
166 100
165 99.2 79.7 119.5
167 18.0 11.4 17.0#



#26
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.044 min
Lab File: BM049262.D
Acq: 27 Dec 2024 20:02

Tgt Ion:252 Resp: 3804
Ion Ratio Lower Upper
252 100
253 55.5 22.4 33.6#
125 45.0 14.8 22.2#

