

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032442.D
 Acq On : 03 Jul 2024 18:47
 Operator : MA/JU
 Sample : P2963-23MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MS

Quant Time: Jul 03 23:49:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

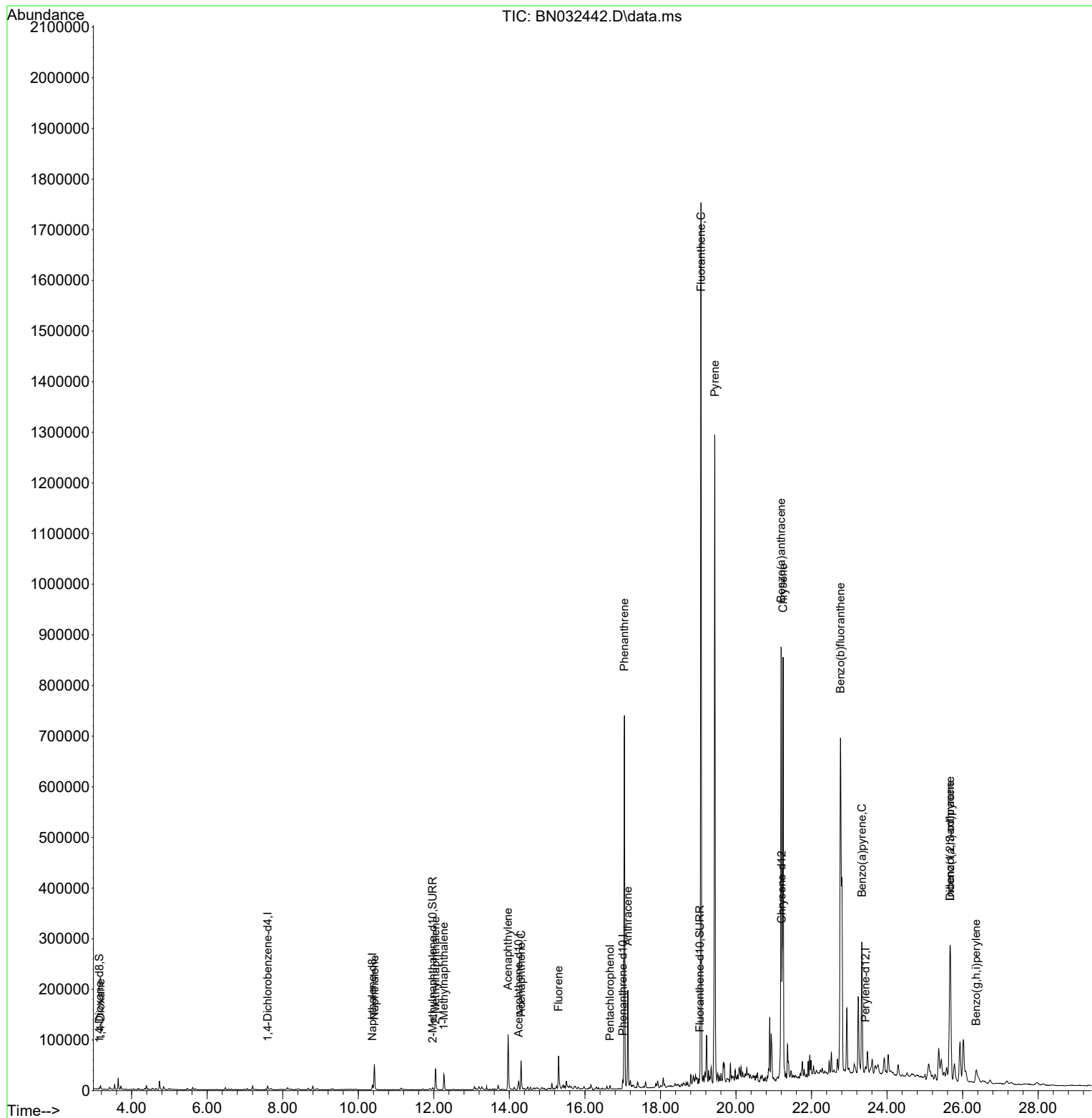
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	4307	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	14128	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.248	164	9219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20609	0.400	ng/ul #	0.00
17) Chrysene-d12	21.211	240	14901	0.400	ng/ul #	0.00
23) Perylene-d12	23.430	264	19584	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2052	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6116	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	15838	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	5647	1.036	ng/ul#	83
5) Naphthalene	10.426	128	72475	1.938	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	31965	1.290	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	21647	0.842	ng/ul	99
10) Acenaphthylene	13.966	152	136812	3.568	ng/ul	99
11) Acenaphthene	14.309	153	34201	1.149	ng/ul	99
12) Fluorene	15.303	166	45696	1.289	ng/ul	99
14) Pentachlorophenol	16.665	266	5159	1.106	ng/ul	99
15) Phenanthrene	17.045	178	792544	14.027	ng/ul	99
16) Anthracene	17.138	178	203887	4.046	ng/ul	99
19) Fluoranthene	19.073	202	1528678	26.941	ng/ul	99
20) Pyrene	19.440	202	1145648	19.320	ng/ul	98
21) Benzo(a)anthracene	21.194	228	718764	13.364	ng/ul	96
22) Chrysene	21.246	228	840982	14.247	ng/ul	96
24) Benzo(b)fluoranthene	22.766	252	1415408	16.635	ng/ul	96
26) Benzo(a)pyrene	23.333	252	363660	6.143	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.670	276	386150	4.166	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.670	278	160134	2.325	ng/ul#	82
29) Benzo(g,h,i)perylene	26.360	276	55616	0.753	ng/ul#	81

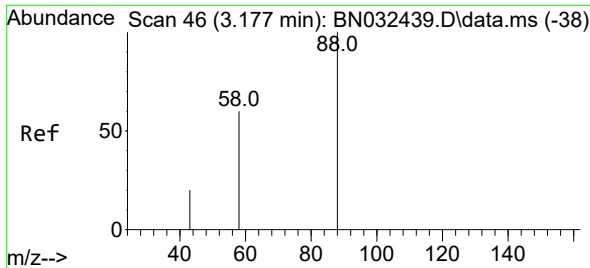
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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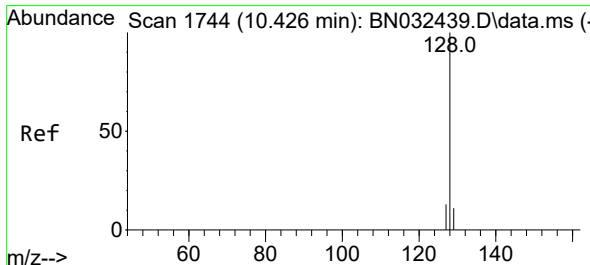
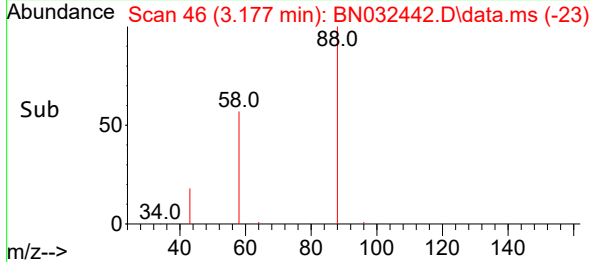
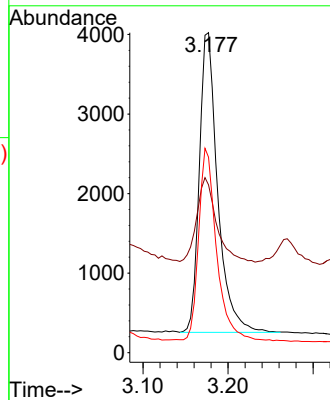
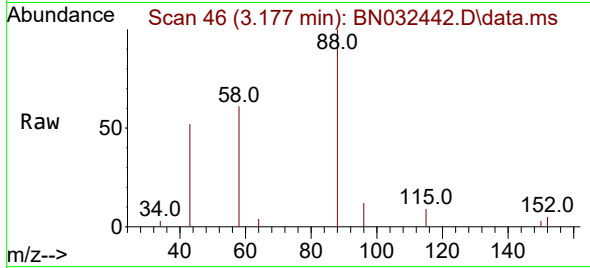




#2
1,4-Dioxane
Concen: 1.036 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. -0.004 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

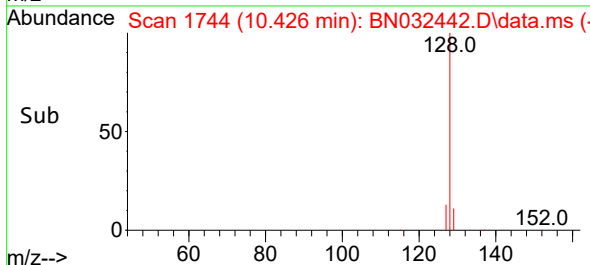
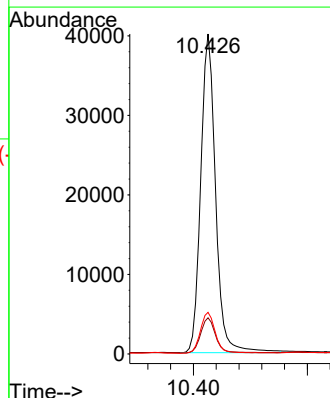
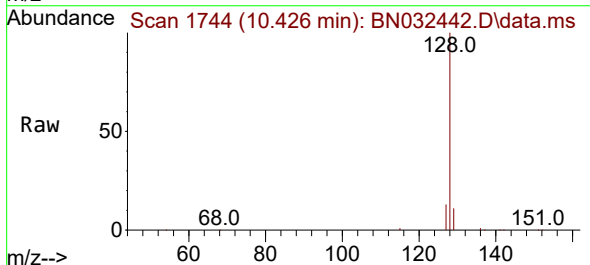
Instrument :
BNA_N
ClientSampleId :
A4CS3MS

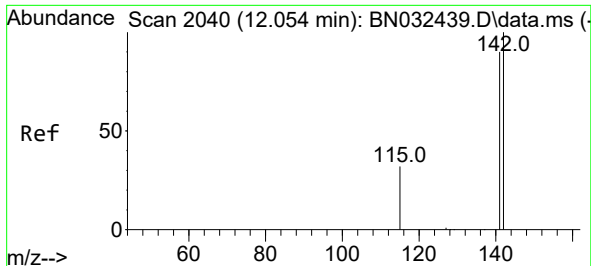
Tgt Ion: 88 Resp: 5647
Ion Ratio Lower Upper
88 100
43 52.4 28.4 42.6#
58 61.1 43.3 64.9



#5
Naphthalene
Concen: 1.938 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion: 128 Resp: 72475
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.8 16.2

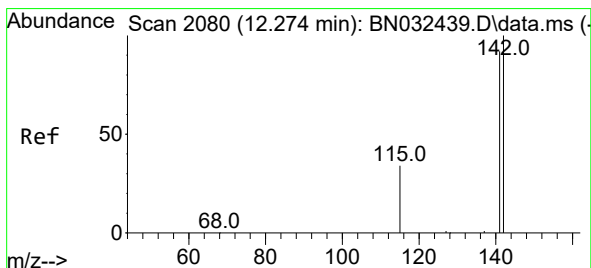
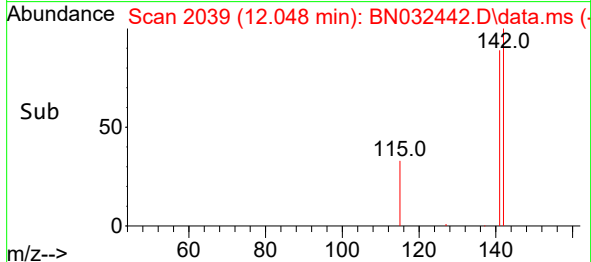
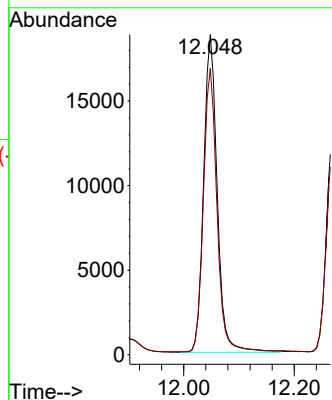
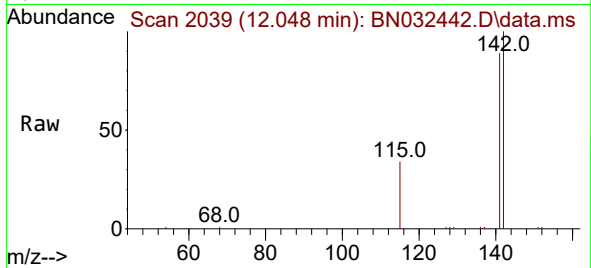




#7
2-Methylnaphthalene
Concen: 1.290 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

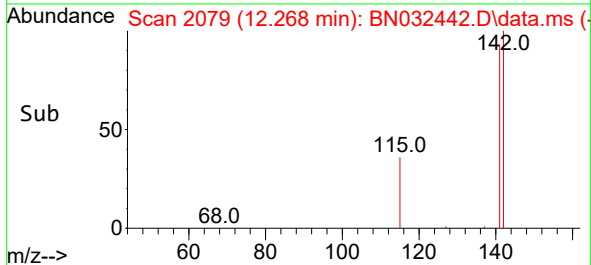
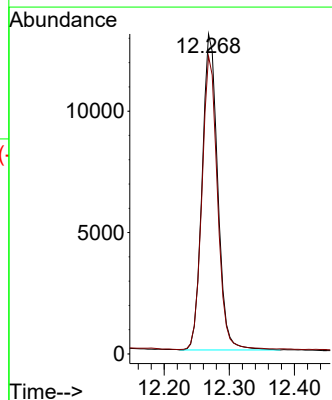
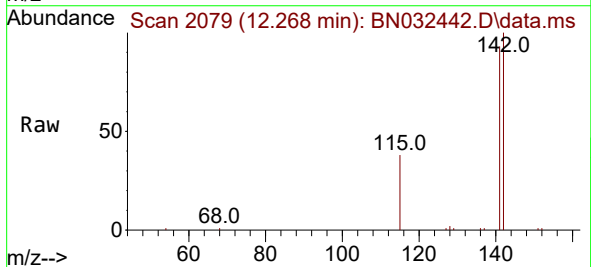
Instrument :
BNA_N
ClientSampleId :
A4CS3MS

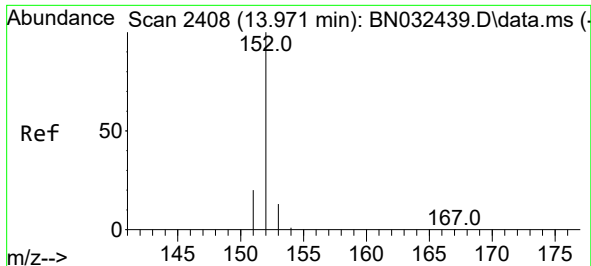
Tgt Ion:142 Resp: 31965
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.842 ng/ul
RT: 12.268 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

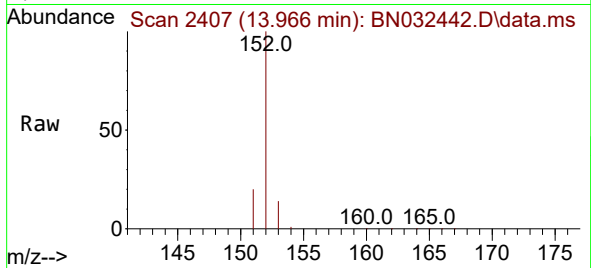
Tgt Ion:142 Resp: 21647
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0



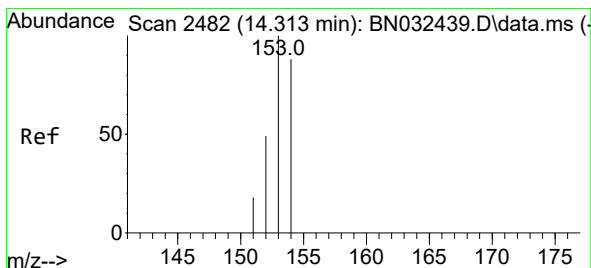
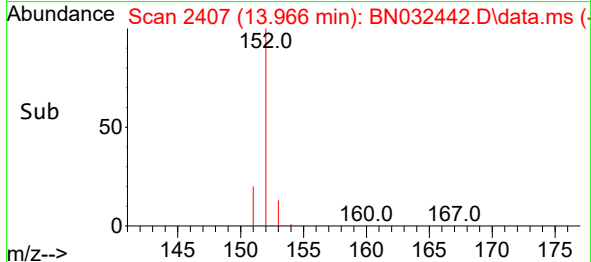
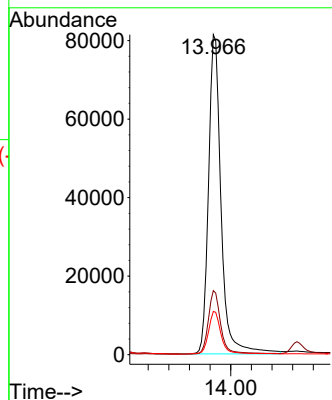


#10
Acenaphthylene
Concen: 3.568 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Instrument :
BNA_N
ClientSampleId :
A4CS3MS

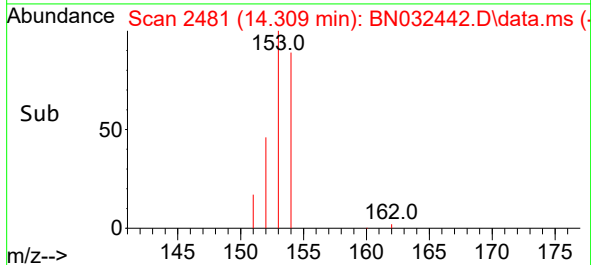
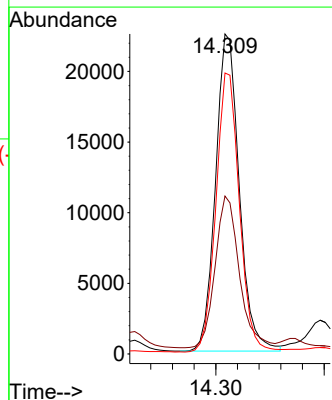
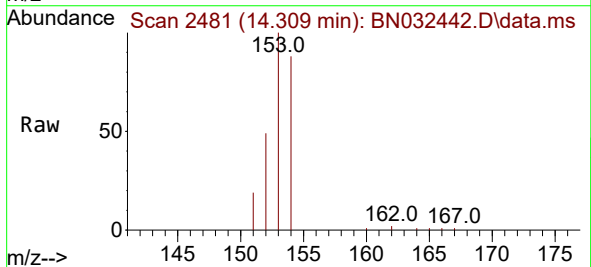


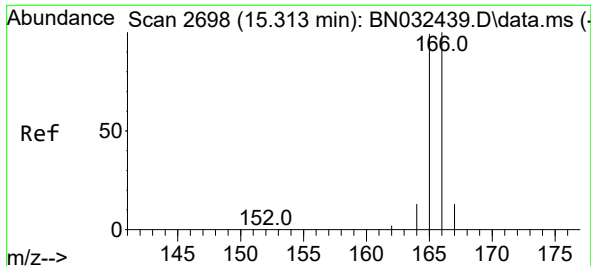
Tgt Ion:152 Resp: 136812
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 1.149 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion:153 Resp: 34201
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.8 71.7 107.5

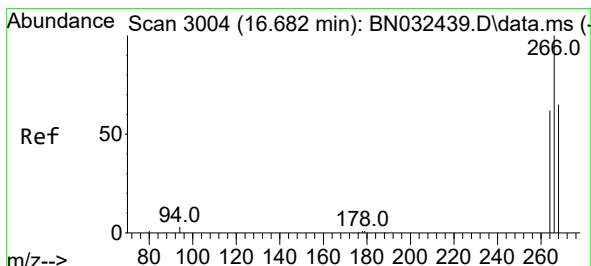
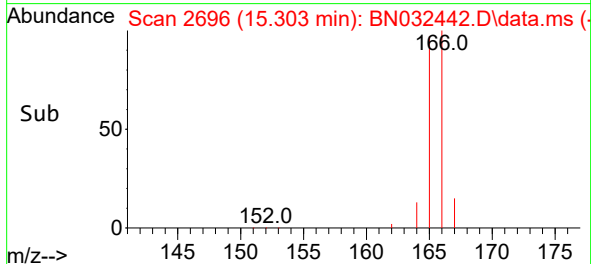
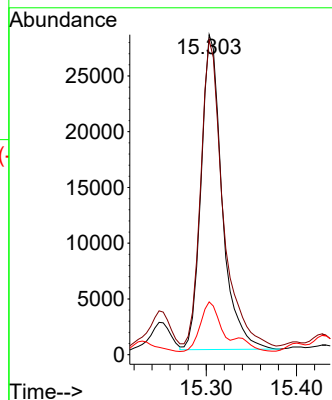
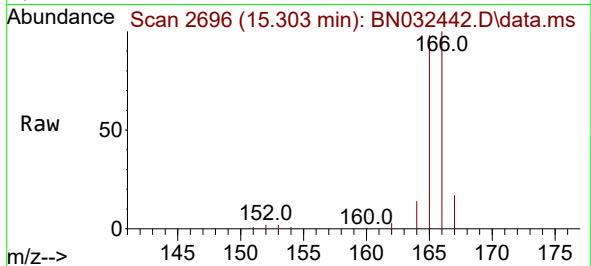




#12
Fluorene
Concen: 1.289 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

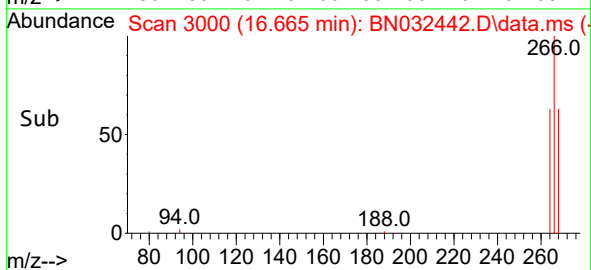
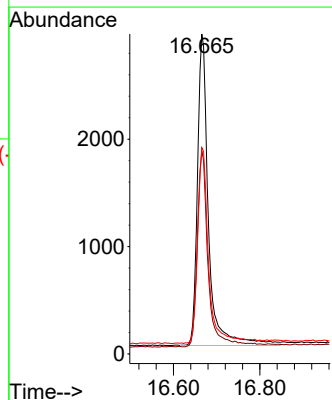
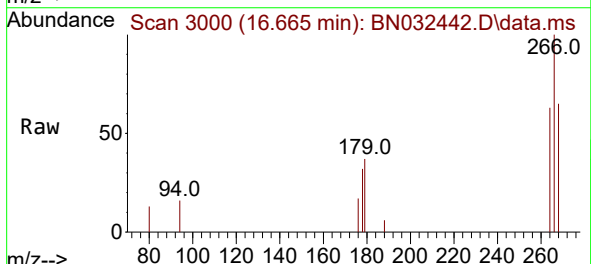
Instrument :
BNA_N
ClientSampleId :
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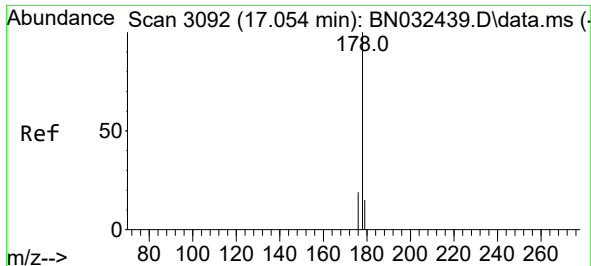
Tgt Ion:166 Resp: 45696
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 16.5 11.0 16.6



#14
Pentachlorophenol
Concen: 1.106 ng/ul
RT: 16.665 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion:266 Resp: 5159
Ion Ratio Lower Upper
266 100
264 63.1 49.9 74.9
268 64.8 52.4 78.6

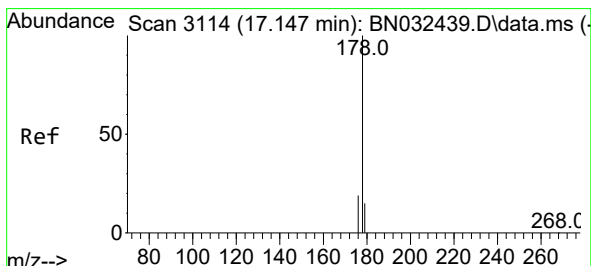
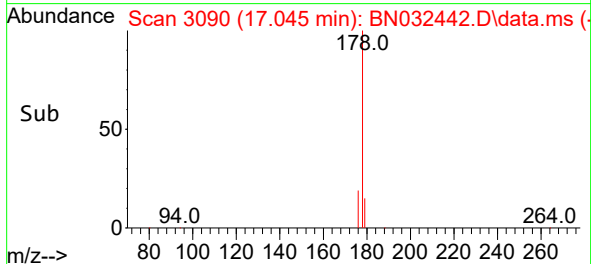
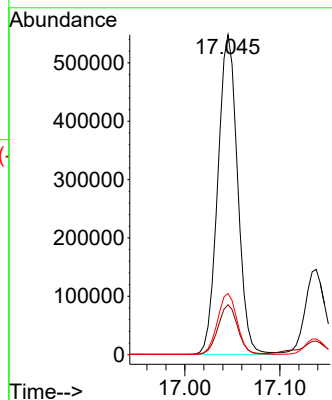
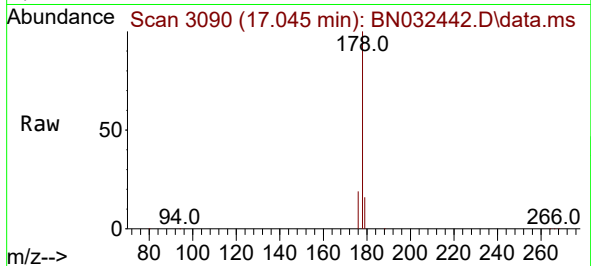




#15
Phenanthrene
Concen: 14.027 ng/ul
RT: 17.045 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

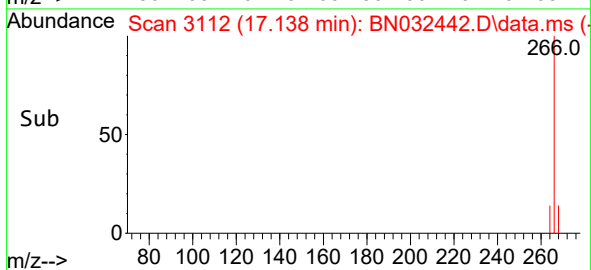
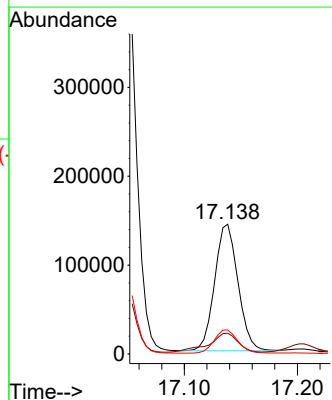
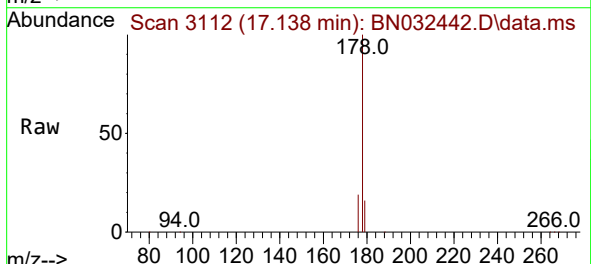
Instrument :
BNA_N
ClientSampleId :
A4CS3MS

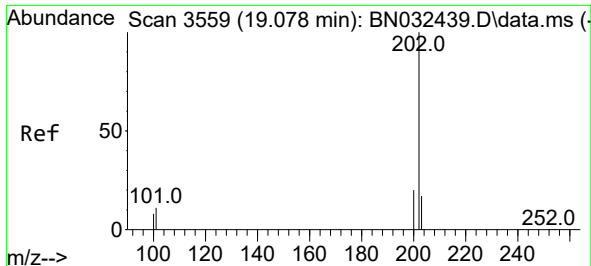
Tgt Ion:178 Resp: 792544
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4



#16
Anthracene
Concen: 4.046 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion:178 Resp: 203887
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.5 15.0 22.6

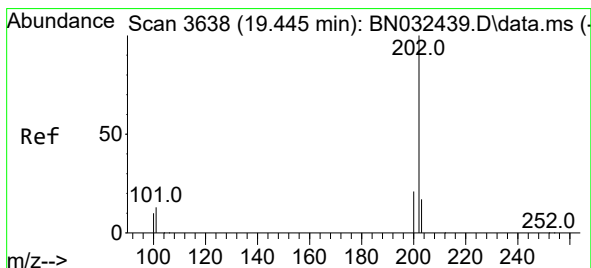
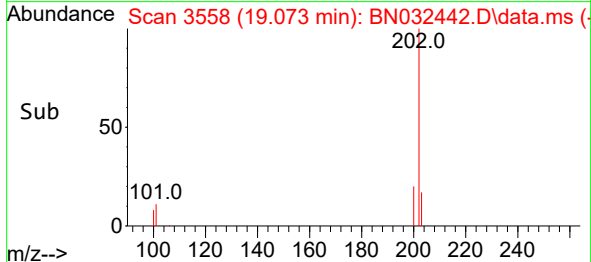
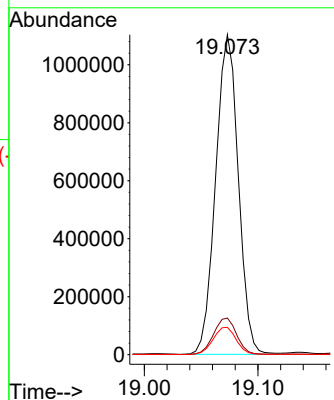
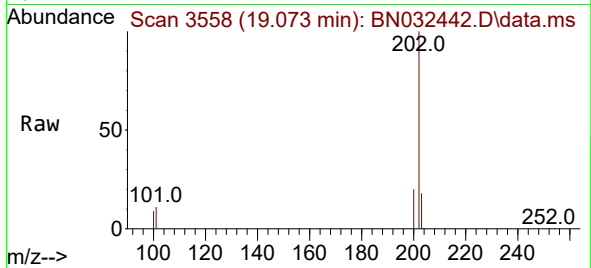




#19
Fluoranthene
Concen: 26.941 ng/ul
RT: 19.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

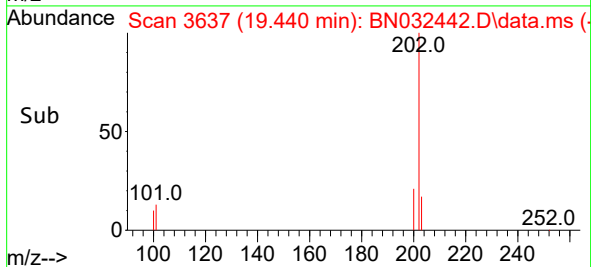
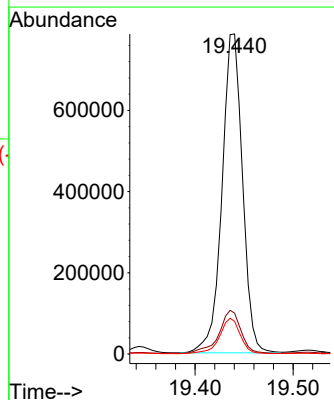
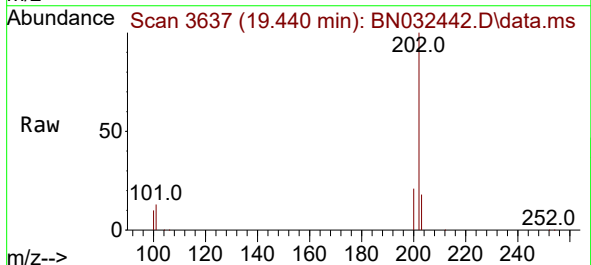
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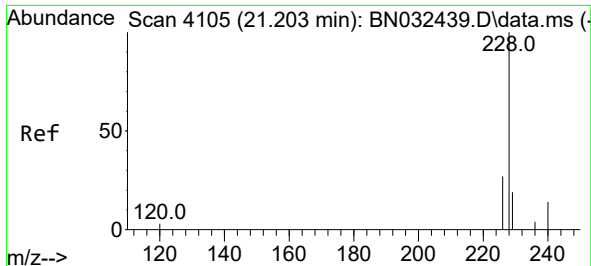
Tgt Ion:202 Resp: 1528678
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6



#20
Pyrene
Concen: 19.320 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion:202 Resp: 1145648
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.2 8.7 13.1

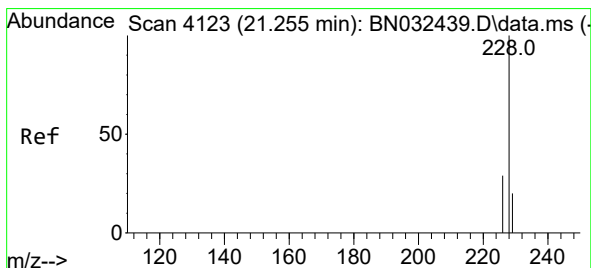
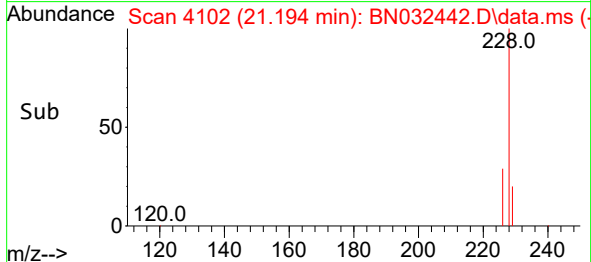
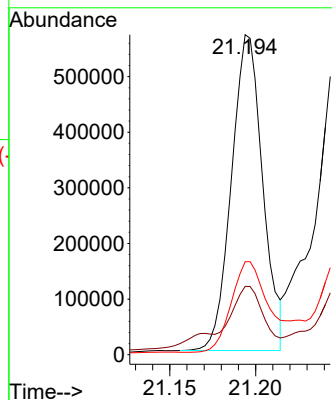
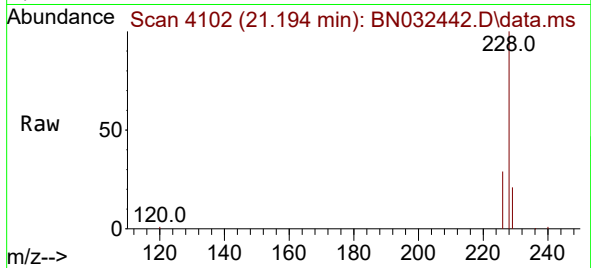




#21
Benzo(a)anthracene
Concen: 13.364 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

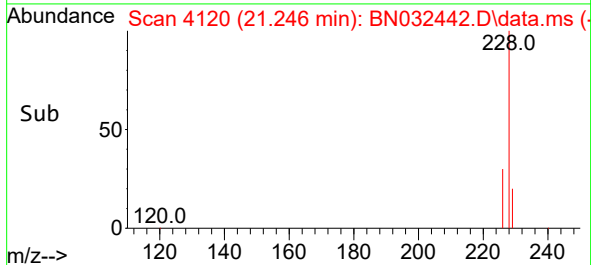
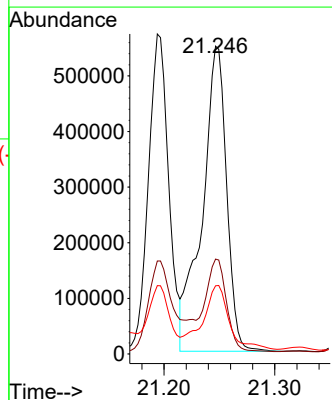
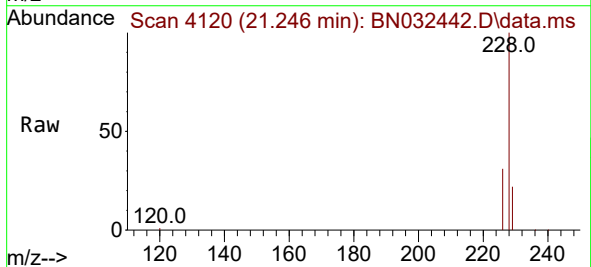
Instrument :
BNA_N
ClientSampleId :
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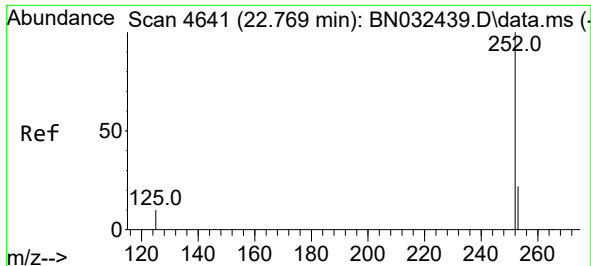
Tgt Ion:228 Resp: 718764
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.0 21.8 32.8



#22
Chrysene
Concen: 14.247 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

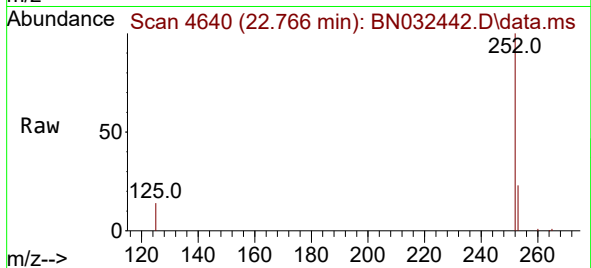
Tgt Ion:228 Resp: 840982
Ion Ratio Lower Upper
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226 30.8 23.6 35.4
229 22.1 15.7 23.5



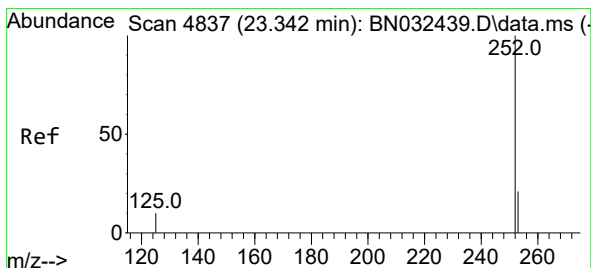
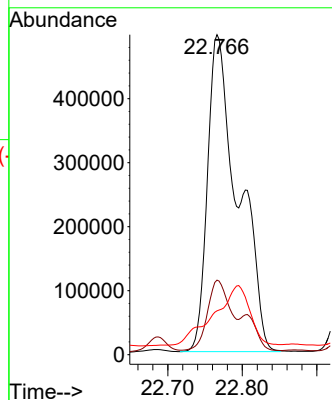


#24
Benzo(b)fluoranthene
Concen: 16.635 ng/ul
RT: 22.766 min Scan# 4641
Delta R.T. 0.009 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Instrument :
BNA_N
ClientSampleId :
A4CS3MS

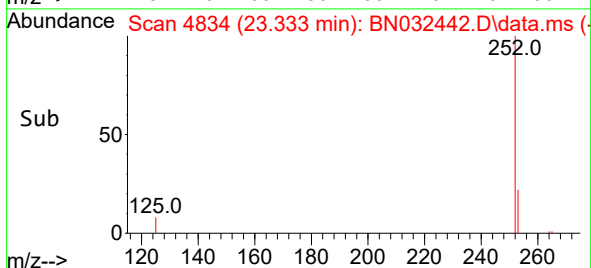
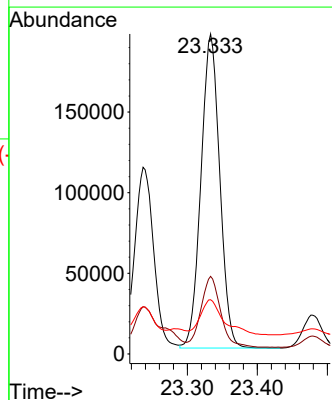
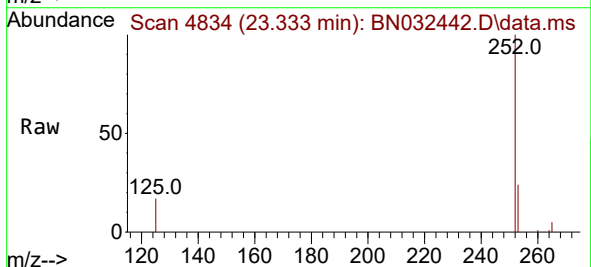


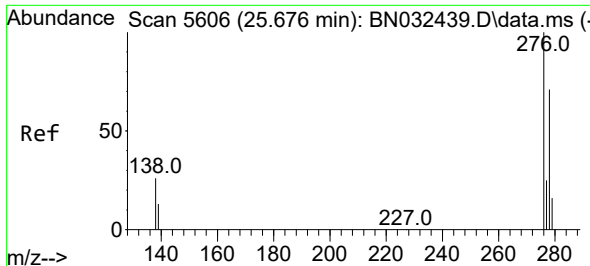
Tgt Ion:252 Resp: 1415408
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 13.7 0.0 32.0



#26
Benzo(a)pyrene
Concen: 6.143 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Tgt Ion:252 Resp: 363660
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 16.9 16.4 24.6

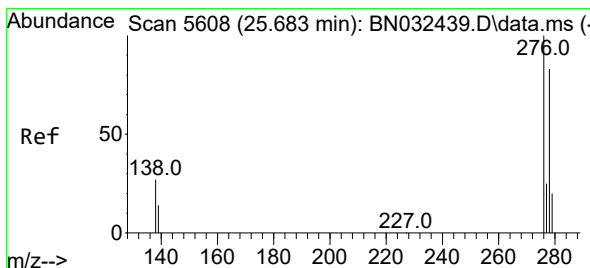
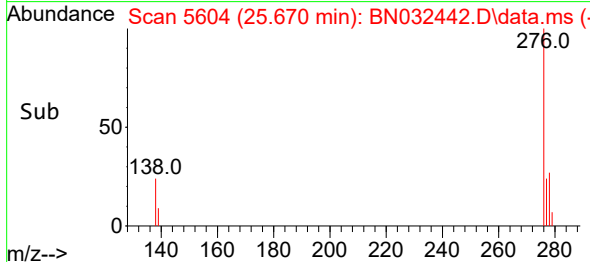
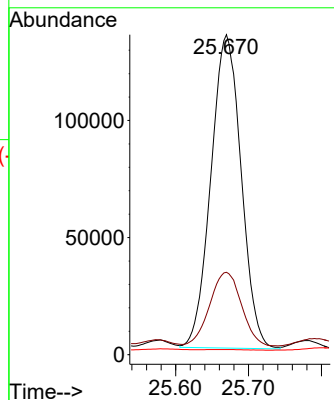
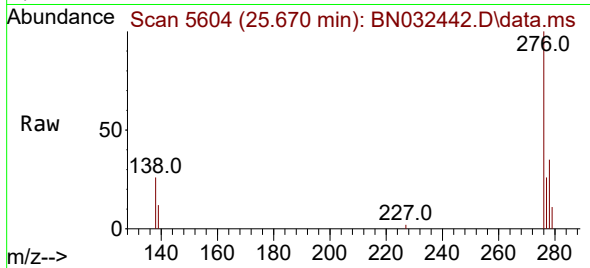




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.166 ng/ul
 RT: 25.670 min Scan# 5604
 Delta R.T. 0.010 min
 Lab File: BN032442.D
 Acq: 03 Jul 2024 18:47

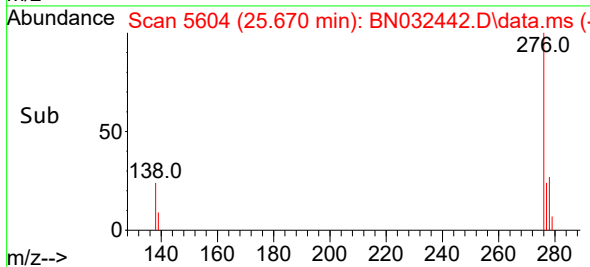
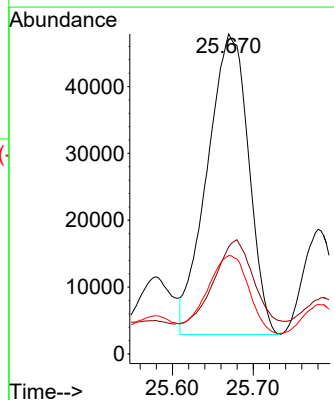
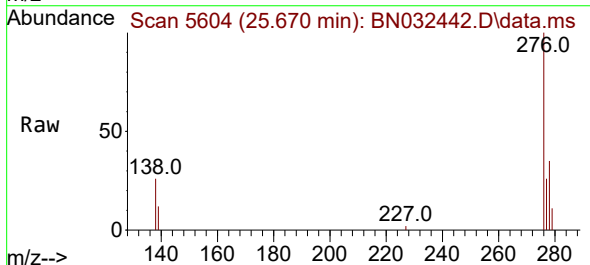
Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MS

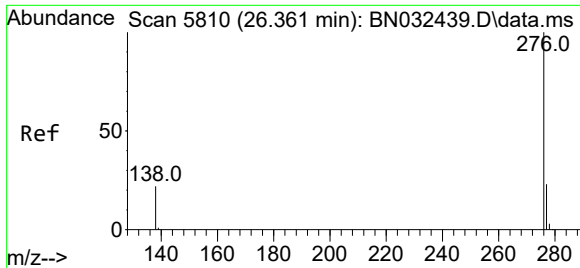
Tgt Ion:276 Resp: 386150
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.3 31.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.325 ng/ul
 RT: 25.670 min Scan# 5604
 Delta R.T. 0.003 min
 Lab File: BN032442.D
 Acq: 03 Jul 2024 18:47

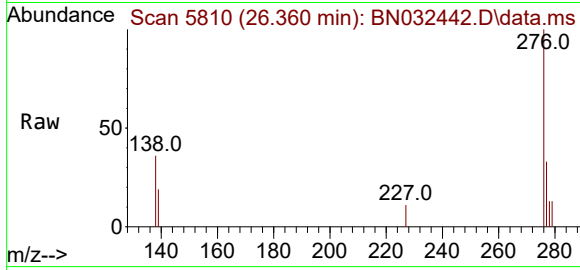
Tgt Ion:278 Resp: 160134
 Ion Ratio Lower Upper
 278 100
 139 33.5 15.9 23.9#
 279 30.8 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.753 ng/ul
RT: 26.360 min Scan# 51
Delta R.T. 0.017 min
Lab File: BN032442.D
Acq: 03 Jul 2024 18:47

Instrument :
BNA_N
ClientSampleId :
A4CS3MS



Tgt Ion:276 Resp: 55616
Ion Ratio Lower Upper
276 100
138 36.0 19.8 29.6#
277 32.7 19.8 29.6#

