

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032370.D
 Acq On : 01 Jul 2024 20:07
 Operator : MA/JU
 Sample : P2934-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72MSD

Quant Time: Jul 01 23:45:34 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

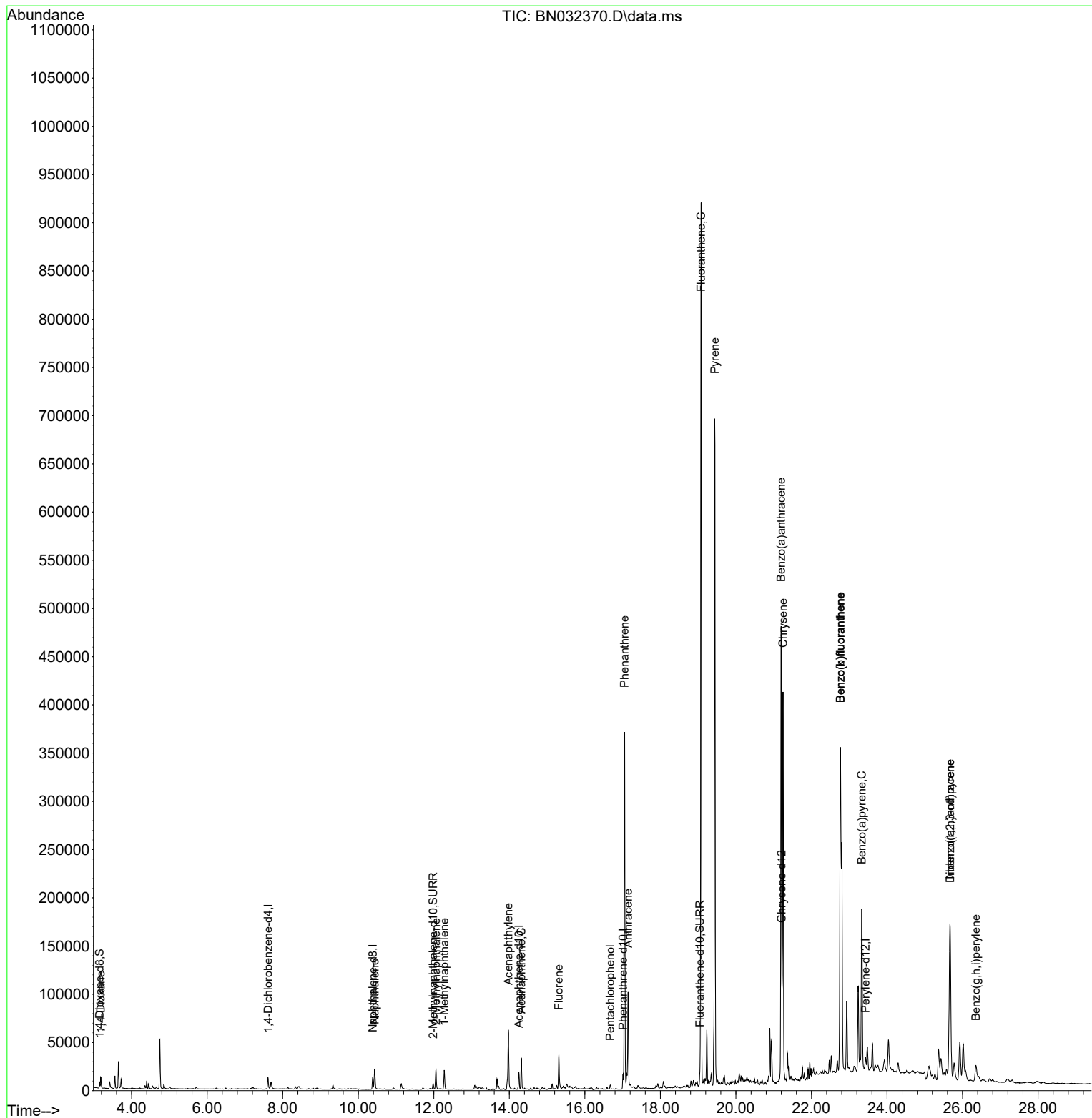
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6797	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	19667	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	10078	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	18180	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	15388	0.400	ng/ul	#-0.01
23) Perylene-d12	23.428	264	19321	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	3813	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	8953	0.304	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	15961	0.345	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.186	88	8397	0.976	ng/ul	95
5) Naphthalene	10.436	128	31890	0.613	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	15976	0.463	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	14532	0.406	ng/ul	99
10) Acenaphthylene	13.974	152	76350	1.822	ng/ul	99
11) Acenaphthene	14.317	153	19330	0.594	ng/ul	98
12) Fluorene	15.311	166	25131	0.648	ng/ul	99
14) Pentachlorophenol	16.673	266	3453	0.839	ng/ul	99
15) Phenanthrene	17.053	178	409964	8.225	ng/ul	99
16) Anthracene	17.146	178	117834	2.650	ng/ul	99
19) Fluoranthene	19.077	202	775044	13.227	ng/ul	99
20) Pyrene	19.439	202	590379	9.641	ng/ul	100
21) Benzo(a)anthracene	21.196	228	403659	7.268	ng/ul	98
22) Chrysene	21.248	228	389578	6.391	ng/ul	97
24) Benzo(b)fluoranthene	22.765	252	745025	8.875	ng/ul	95
25) Benzo(k)fluoranthene	22.765	252	591151	7.248	ng/ul	95
26) Benzo(a)pyrene	23.332	252	241186	4.130	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.668	276	235576	2.576	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.672	278	88925	1.309	ng/ul#	87
29) Benzo(g,h,i)perylene	26.356	276	36014	0.494	ng/ul#	82

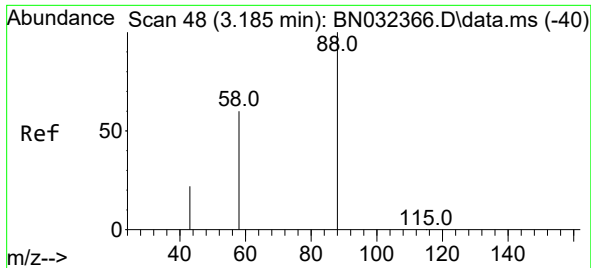
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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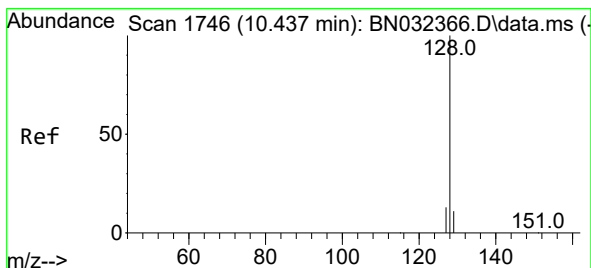
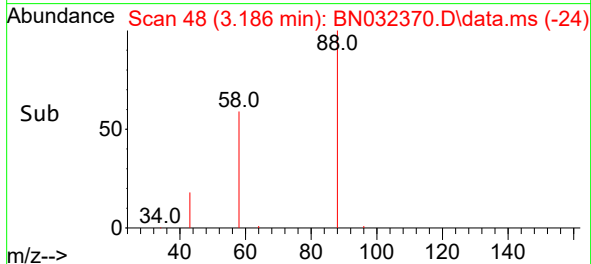
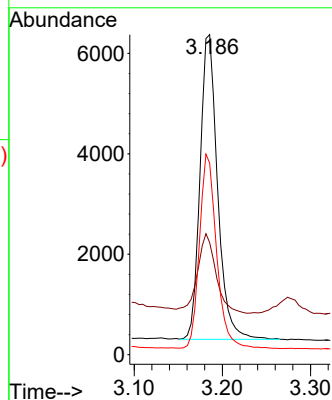
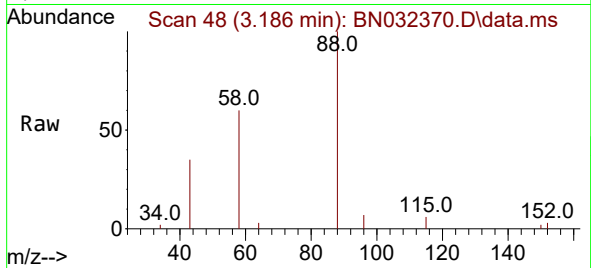




#2
1,4-Dioxane
Concen: 0.976 ng/ul
RT: 3.186 min Scan# 48
Delta R.T. -0.000 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

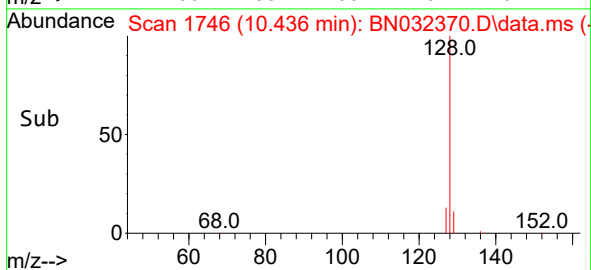
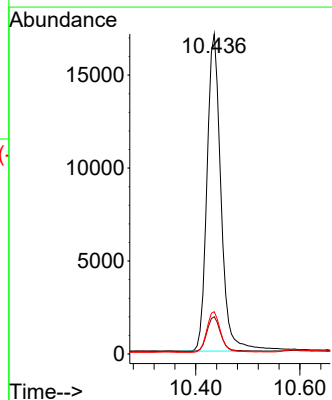
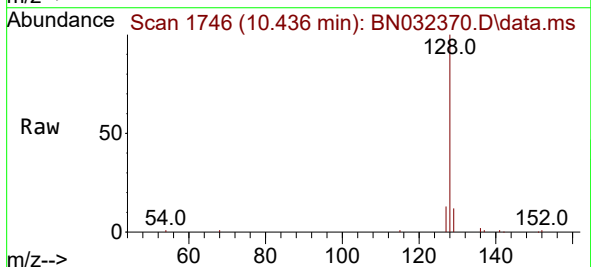
Instrument :
BNA_N
ClientSampleId :
A4B72MSD

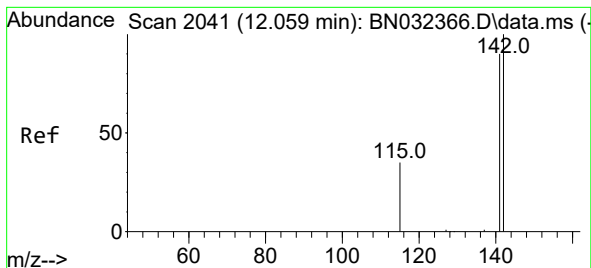
Tgt Ion: 88 Resp: 8397
Ion Ratio Lower Upper
88 100
43 35.1 28.4 42.6
58 59.9 43.3 64.9



#5
Naphthalene
Concen: 0.613 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion: 128 Resp: 31890
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.8 16.2

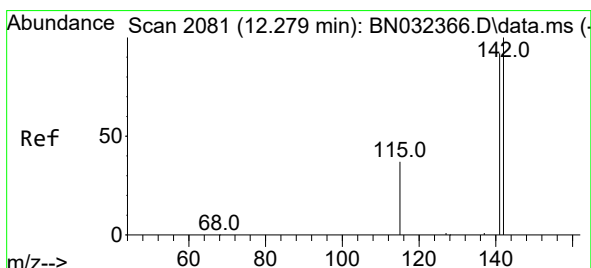
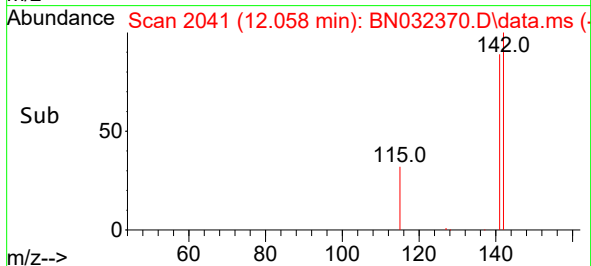
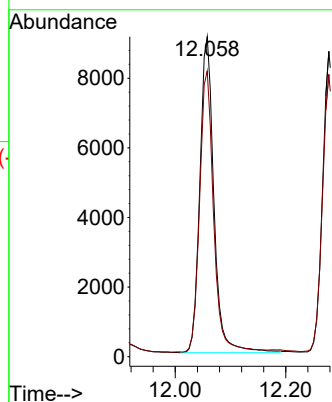
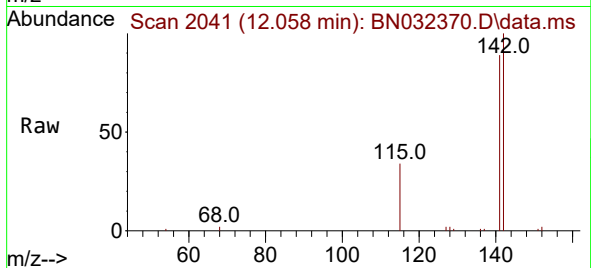




#7
2-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

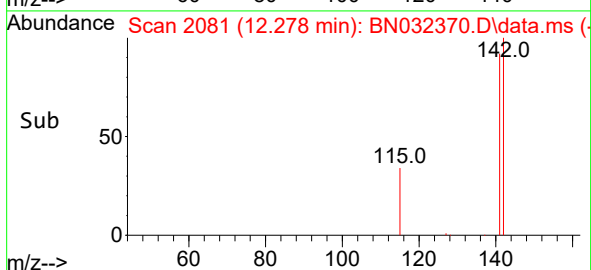
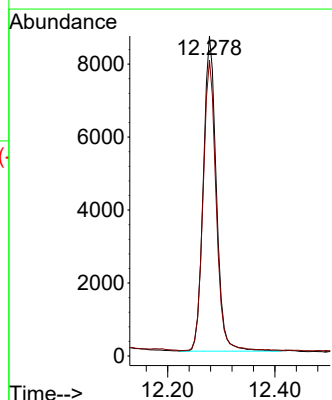
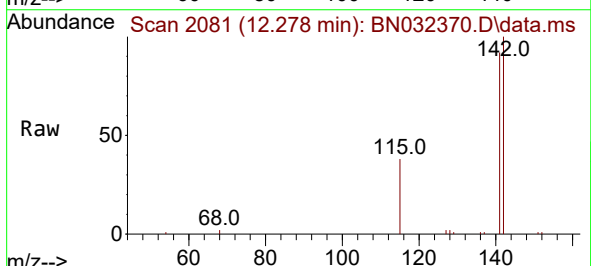
Instrument :
BNA_N
ClientSampleId :
A4B72MSD

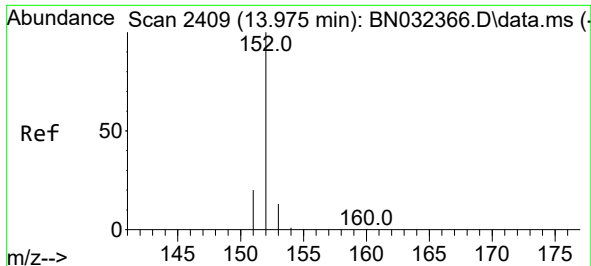
Tgt Ion:142 Resp: 15976
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:142 Resp: 14532
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0

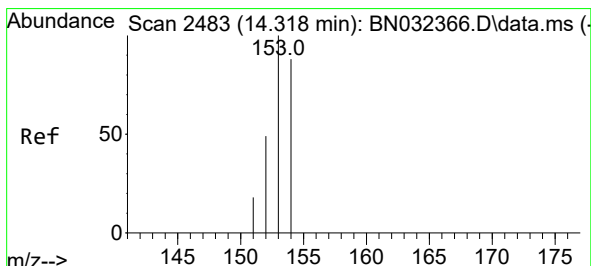
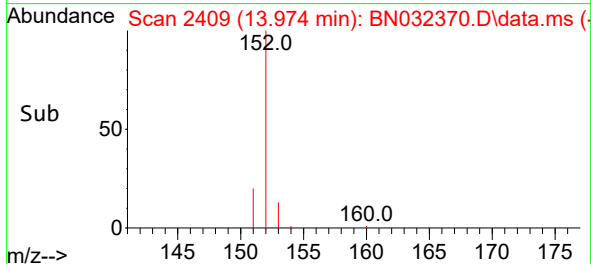
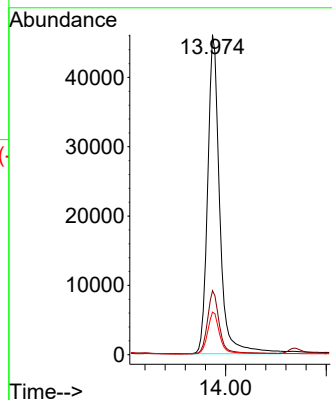
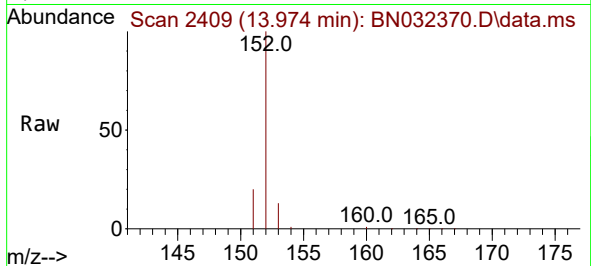




#10
Acenaphthylene
Concen: 1.822 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

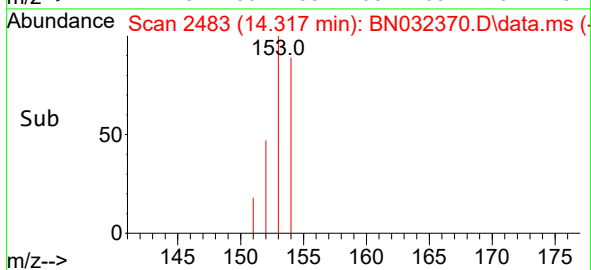
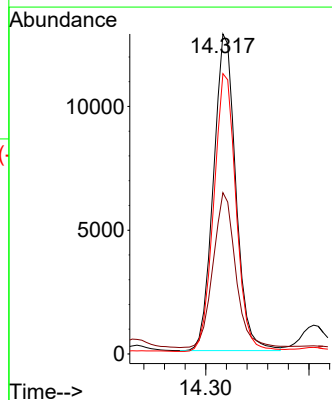
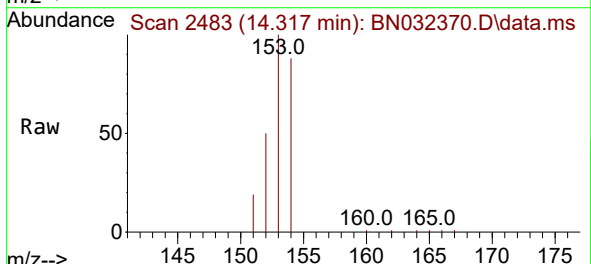
Instrument :
BNA_N
ClientSampleId :
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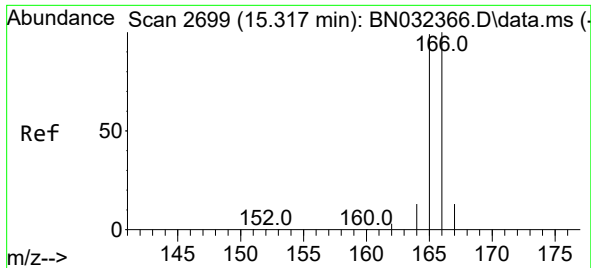
Tgt Ion:152 Resp: 76350
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 10.9 16.3



#11
Acenaphthene
Concen: 0.594 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:153 Resp: 19330
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 87.6 71.7 107.5

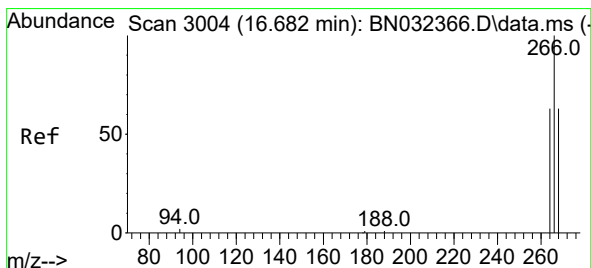
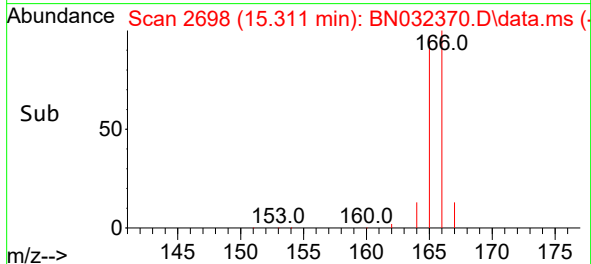
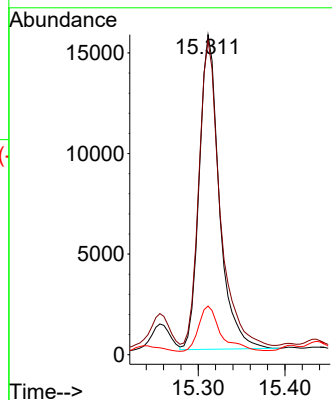
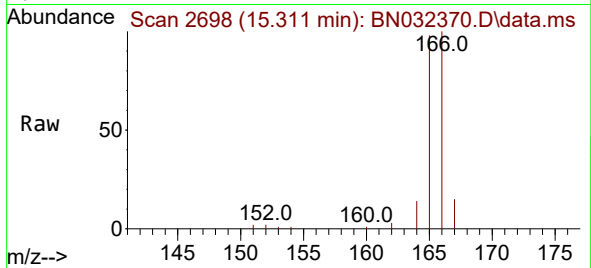




#12
 Fluorene
 Concen: 0.648 ng/ul
 RT: 15.311 min Scan# 2002
 Delta R.T. -0.015 min
 Lab File: BN032370.D
 Acq: 01 Jul 2024 20:07

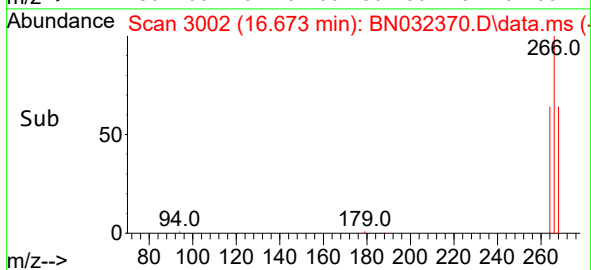
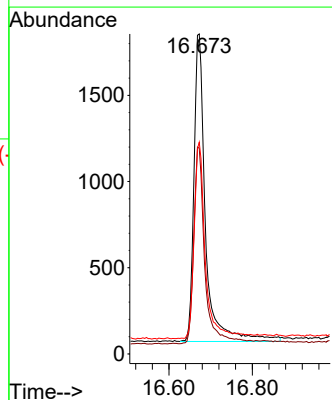
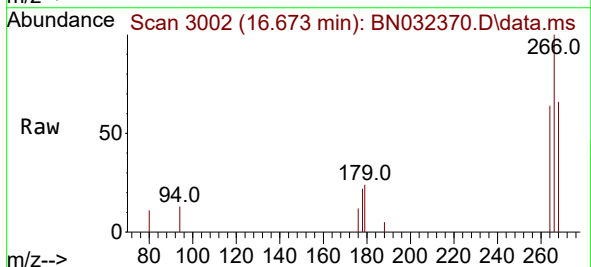
Instrument :
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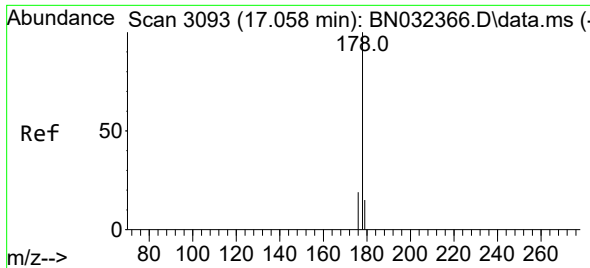
Tgt Ion:166	Resp:	25131
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.0 118.6
167	15.2	11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.839 ng/ul
 RT: 16.673 min Scan# 3002
 Delta R.T. -0.027 min
 Lab File: BN032370.D
 Acq: 01 Jul 2024 20:07

Tgt Ion:266	Resp:	3453
Ion Ratio	Lower	Upper
266	100	
264	62.6	49.9 74.9
268	64.1	52.4 78.6

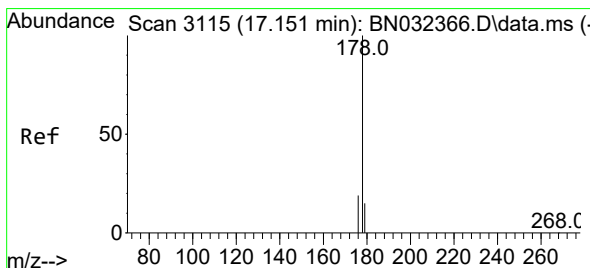
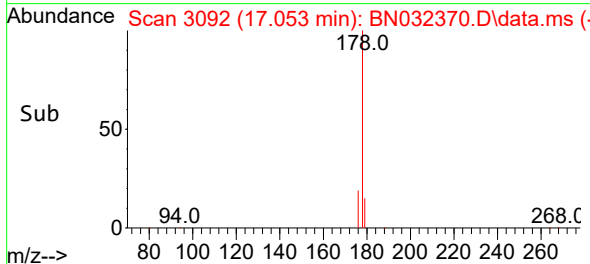
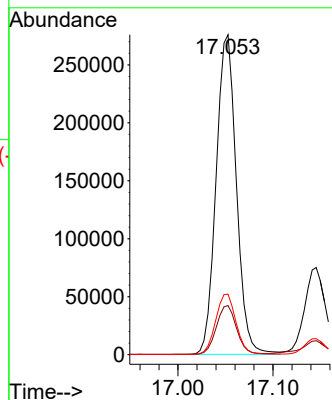
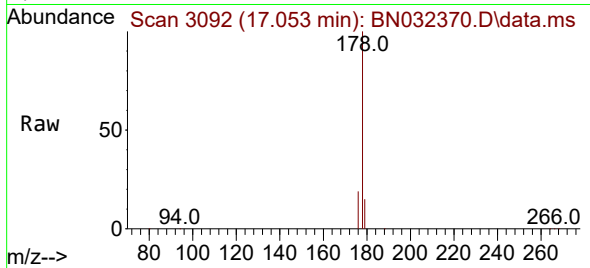




#15
Phenanthrene
Concen: 8.225 ng/ul
RT: 17.053 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

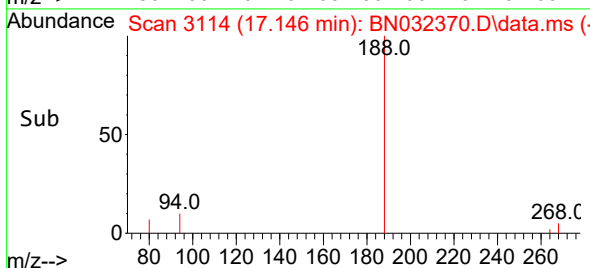
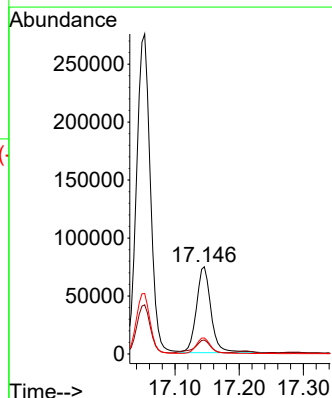
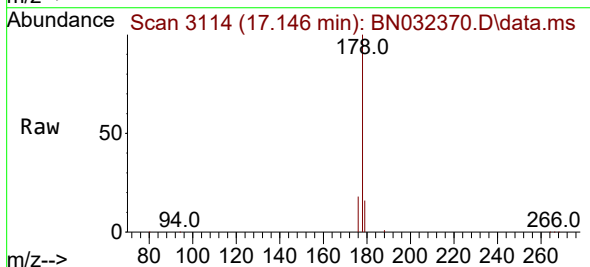
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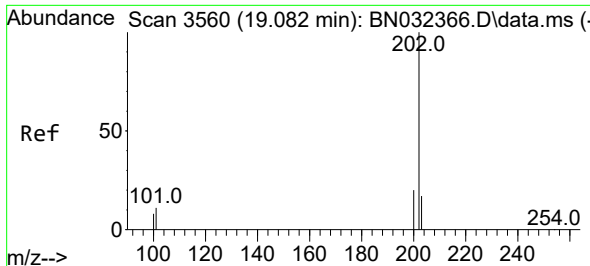
Tgt Ion:178 Resp: 409964
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.9 15.6 23.4



#16
Anthracene
Concen: 2.650 ng/ul
RT: 17.146 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:178 Resp: 117834
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.4 15.0 22.6

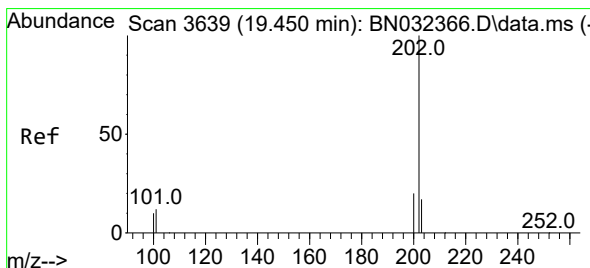
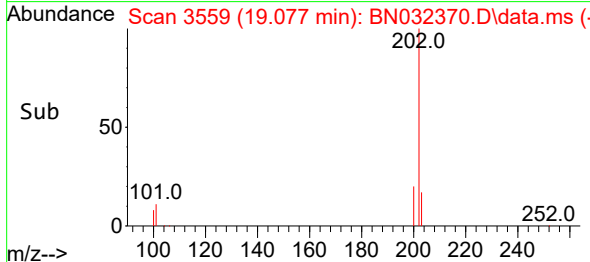
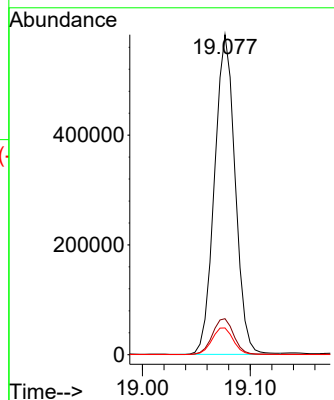
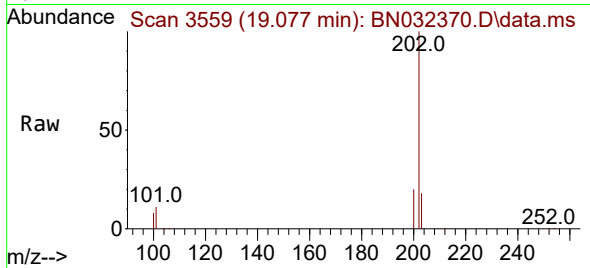




#19
Fluoranthene
Concen: 13.227 ng/ul
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

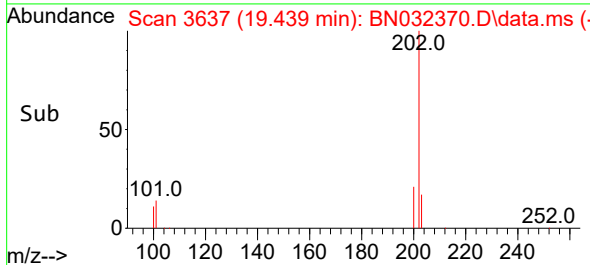
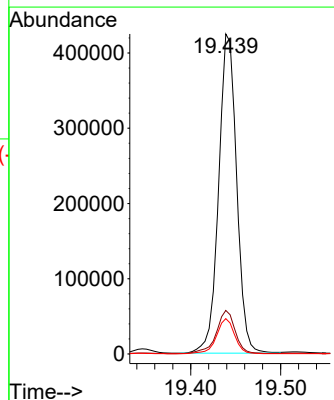
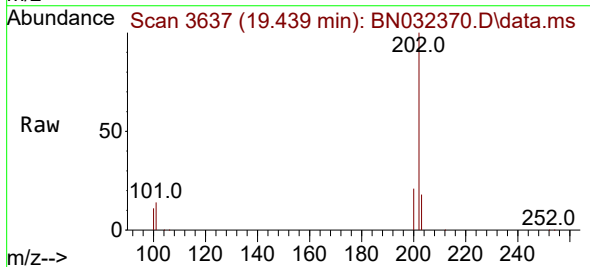
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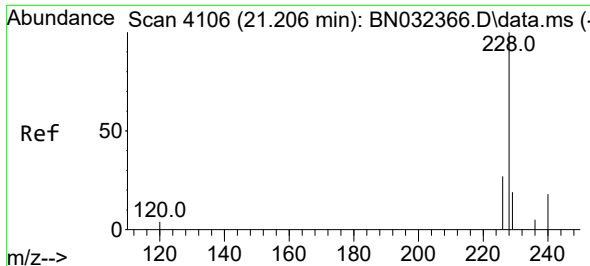
Tgt Ion:202 Resp: 775044
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 6.4 9.6



#20
Pyrene
Concen: 9.641 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

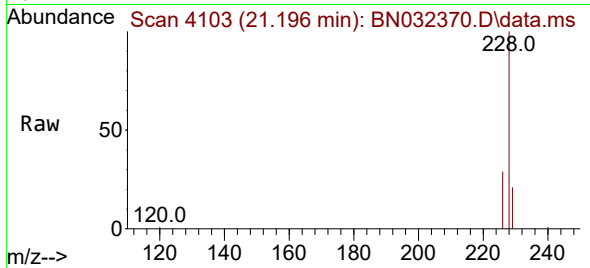
Tgt Ion:202 Resp: 590379
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 11.0 8.7 13.1



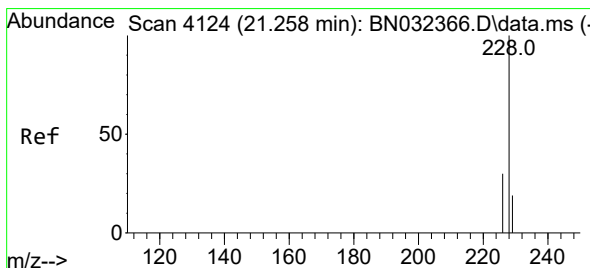
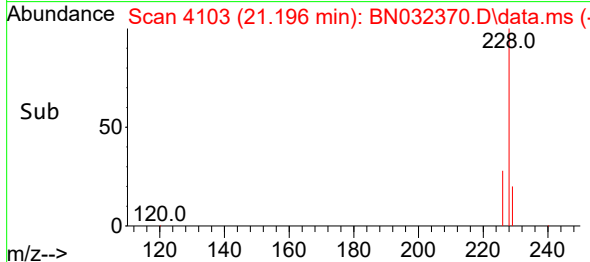
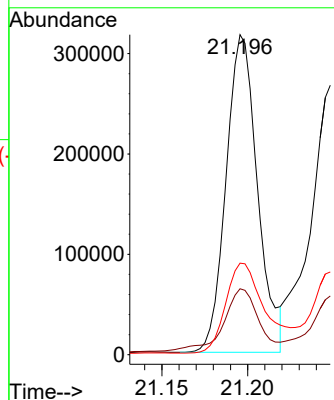


#21
Benzo(a)anthracene
Concen: 7.268 ng/ul
RT: 21.196 min Scan# 4106
Delta R.T. -0.019 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Instrument :
BNA_N
ClientSampleId :
A4B72MSD

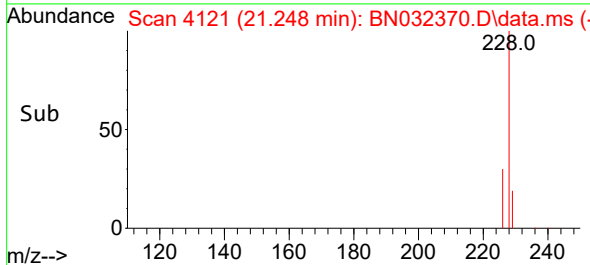
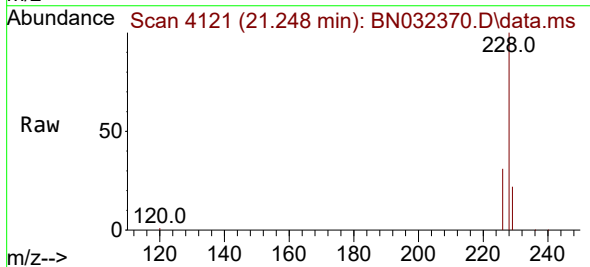
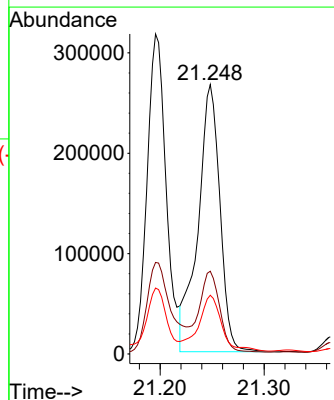


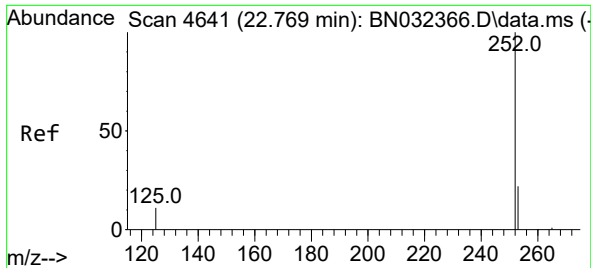
Tgt Ion:228 Resp: 403659
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.6 21.8 32.8



#22
Chrysene
Concen: 6.391 ng/ul
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:228 Resp: 389578
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.8 15.7 23.5

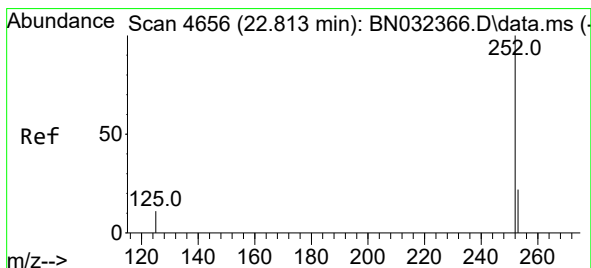
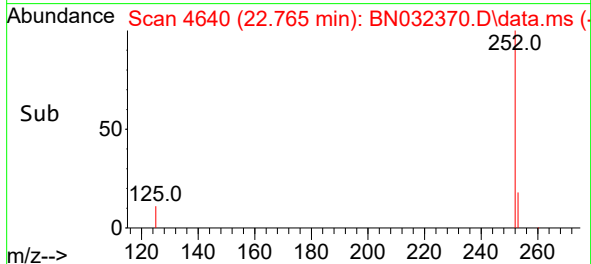
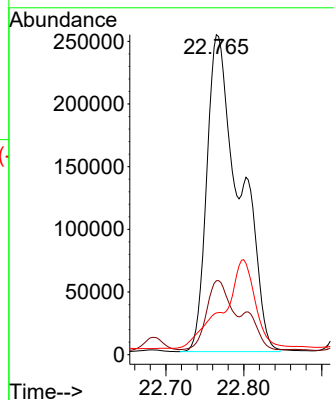
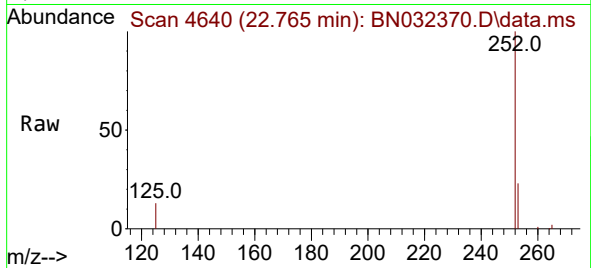




#24
Benzo(b)fluoranthene
Concen: 8.875 ng/ul
RT: 22.765 min Scan# 4640
Delta R.T. -0.019 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

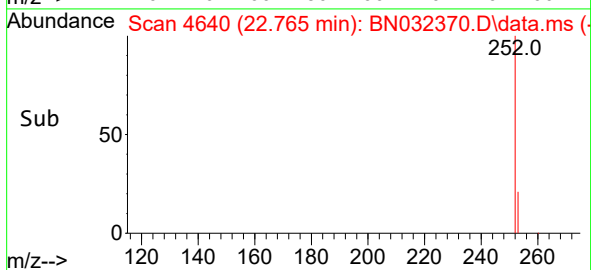
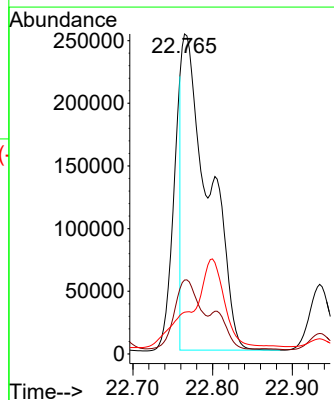
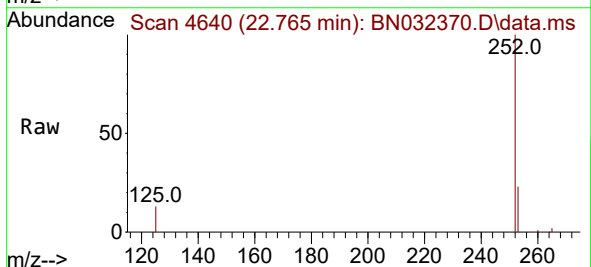
Instrument :
BNA_N
ClientSampleId :
A4B72MSD

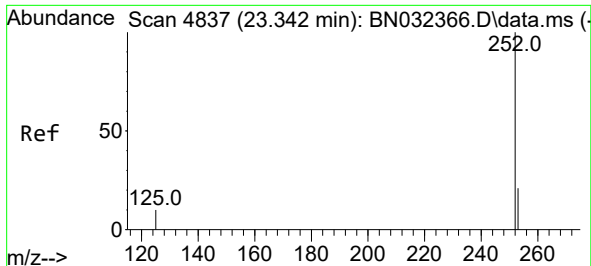
Tgt Ion:252 Resp: 745025
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.1 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 7.248 ng/ul
RT: 22.765 min Scan# 4640
Delta R.T. -0.063 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:252 Resp: 591151
Ion Ratio Lower Upper
252 100
253 23.1 20.3 30.5
125 13.1 12.8 19.2

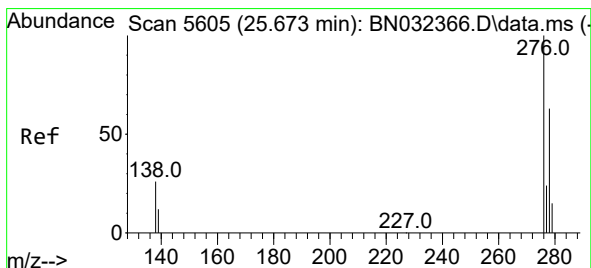
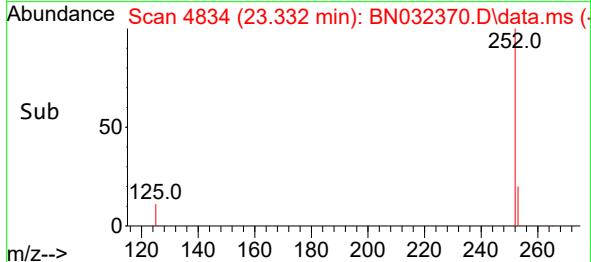
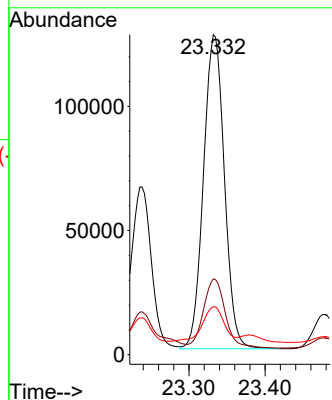
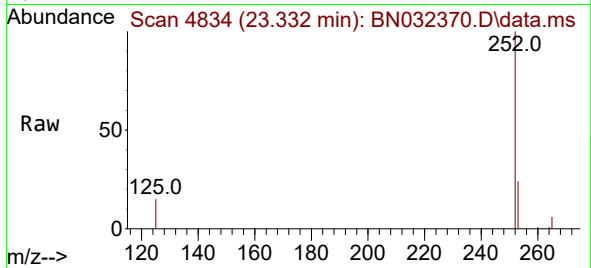




#26
Benzo(a)pyrene
Concen: 4.130 ng/ul
RT: 23.332 min Scan# 4834
Delta R.T. -0.028 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

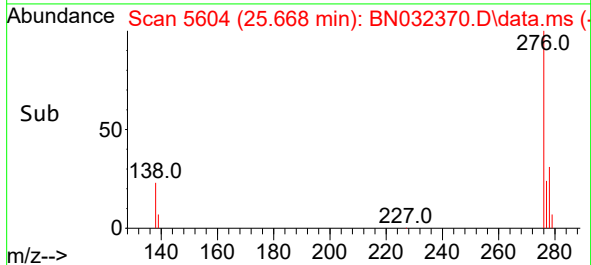
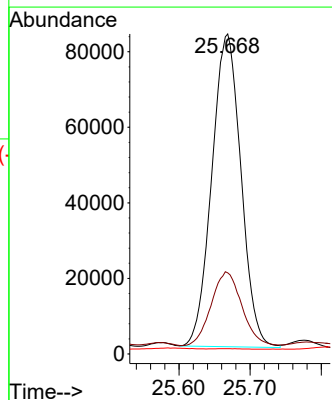
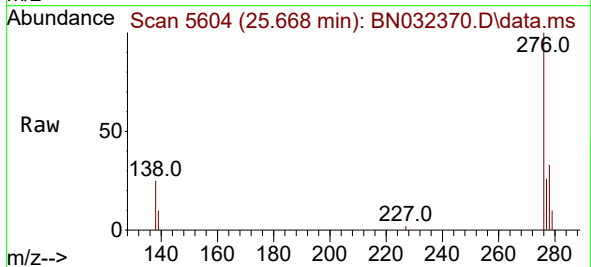
Instrument :
BNA_N
ClientSampleId :
A4B72MSD

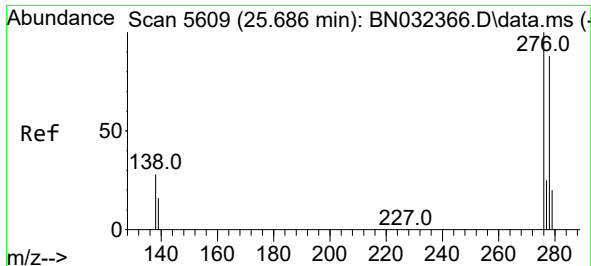
Tgt Ion:252 Resp: 241186
Ion Ratio Lower Upper
252 100
253 23.7 22.2 33.2
125 15.0 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.576 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.032 min
Lab File: BN032370.D
Acq: 01 Jul 2024 20:07

Tgt Ion:276 Resp: 235576
Ion Ratio Lower Upper
276 100
138 25.7 21.3 31.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.309 ng/ul

RT: 25.672 min Scan# 5

Delta R.T. -0.038 min

Lab File: BN032370.D

Acq: 01 Jul 2024 20:07

Instrument :

BNA_N

ClientSampleId :

A4B72MSD

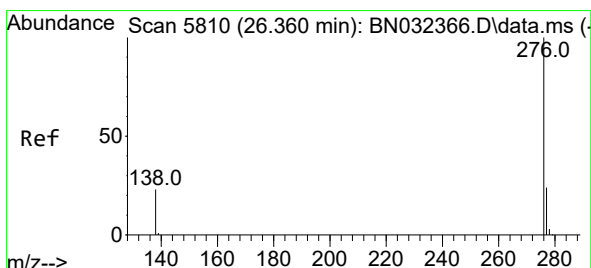
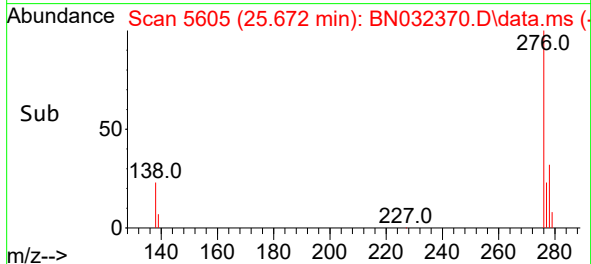
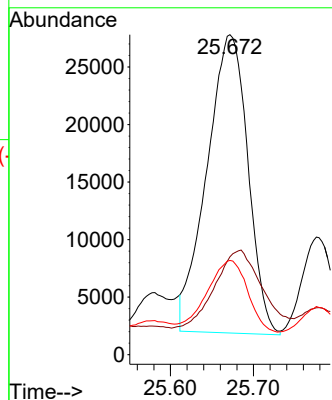
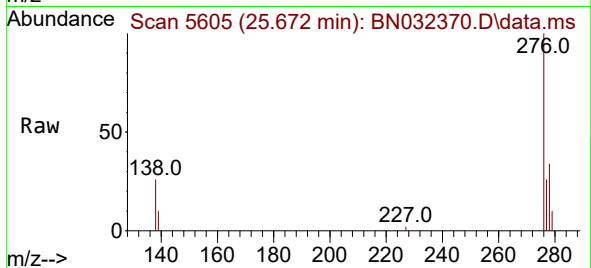
Tgt Ion:278 Resp: 88925

Ion Ratio Lower Upper

278 100

139 30.6 15.9 23.9#

279 29.4 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.494 ng/ul

RT: 26.356 min Scan# 5809

Delta R.T. -0.025 min

Lab File: BN032370.D

Acq: 01 Jul 2024 20:07

Tgt Ion:276 Resp: 36014

Ion Ratio Lower Upper

276 100

138 34.2 19.8 29.6#

277 33.0 19.8 29.6#

