

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032302.D
 Acq On : 28 Jun 2024 05:07
 Operator : MA/JU
 Sample : SP6539
 Misc : SFAM SIM SPIKE
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6539

Quant Time: Jun 28 05:47:55 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)

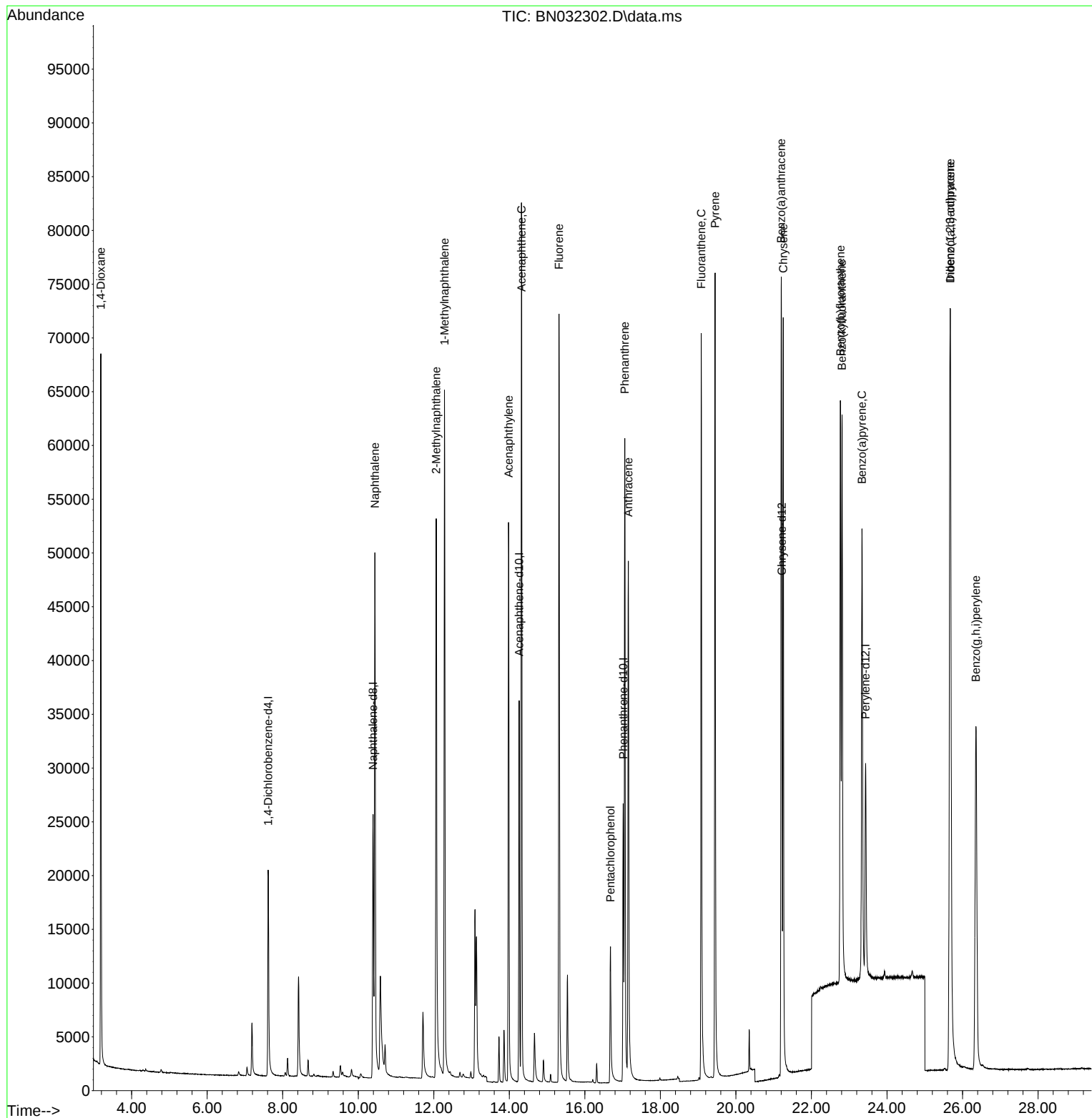
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	11750	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	37653	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	20324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	34895	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	25322	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	29009	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.186	88	47133	3.170	ng/ul#	86
5) Naphthalene	10.442	128	73521	0.738	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	47011	0.712	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	46856	0.684	ng/ul	99
10) Acenaphthylene	13.980	152	63576	0.752	ng/ul	99
11) Acenaphthene	14.323	153	48868	0.745	ng/ul	98
12) Fluorene	15.317	166	50213	0.642	ng/ul	100
14) Pentachlorophenol	16.678	266	12033	1.524	ng/ul	99
15) Phenanthrene	17.058	178	69503	0.726	ng/ul	99
16) Anthracene	17.151	178	64074	0.751	ng/ul	100
19) Fluoranthene	19.083	202	69613	0.722	ng/ul	99
20) Pyrene	19.450	202	73624	0.731	ng/ul	98
21) Benzo(a)anthracene	21.200	228	66642	0.729	ng/ul	99
22) Chrysene	21.255	228	68599	0.684	ng/ul	100
24) Benzo(b)fluoranthene	22.766	252	71391	0.566	ng/ul	97
25) Benzo(k)fluoranthene	22.810	252	72729	0.594	ng/ul	97
26) Benzo(a)pyrene	23.339	252	68644	0.783	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.670	276	92415	0.673	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.680	278	71435	0.700	ng/ul	98
29) Benzo(g,h,i)perylene	26.357	276	73072	0.668	ng/ul	99

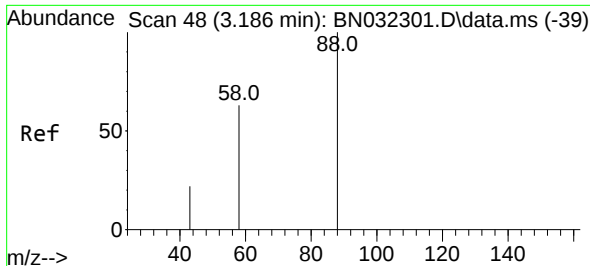
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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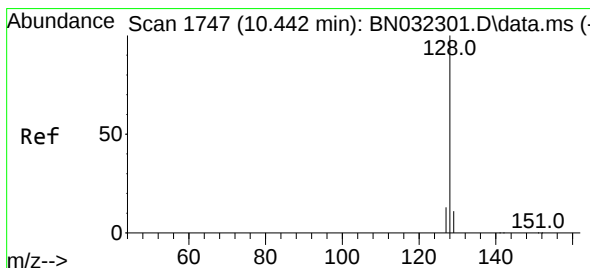
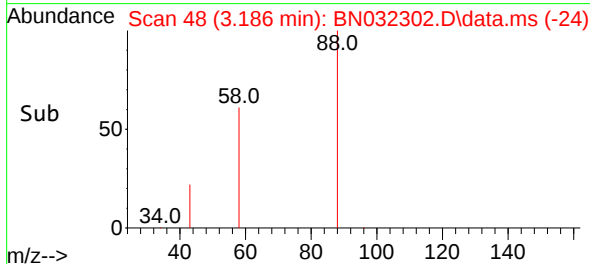
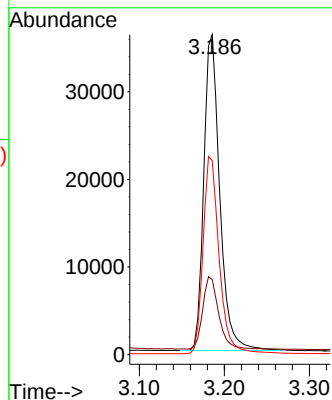
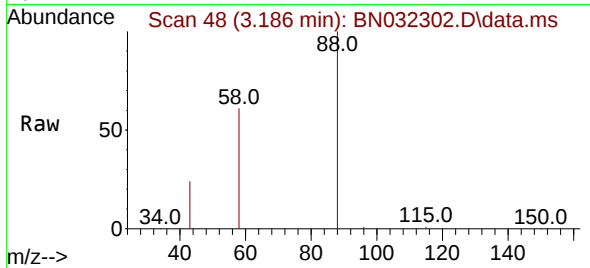




#2
1,4-Dioxane
Concen: 3.170 ng/ul
RT: 3.186 min Scan# 48
Delta R.T. -0.000 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

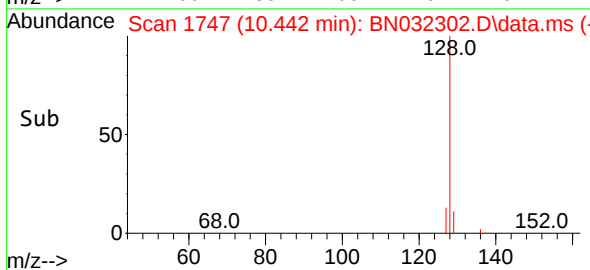
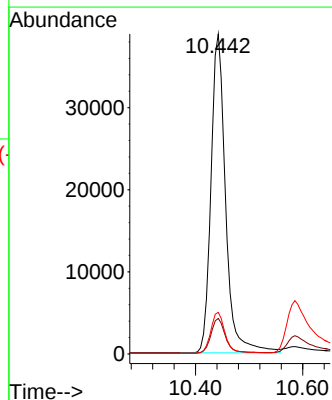
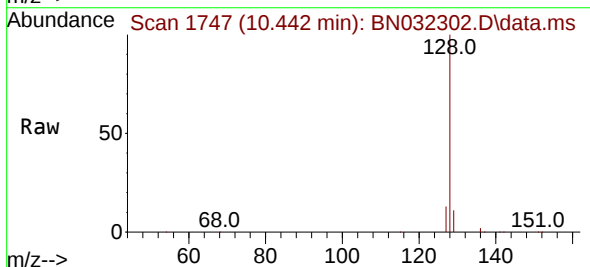
Instrument :
BNA_N
ClientSampleId :
SP6539

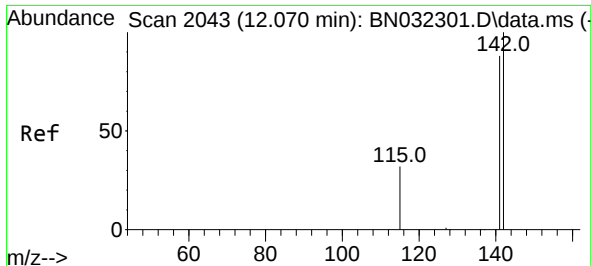
Tgt Ion: 88 Resp: 47133
Ion Ratio Lower Upper
88 100
43 23.5 28.4 42.6#
58 60.7 43.3 64.9



#5
Naphthalene
Concen: 0.738 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion: 128 Resp: 73521
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.0 10.8 16.2

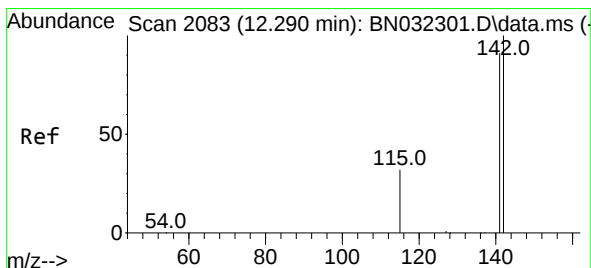
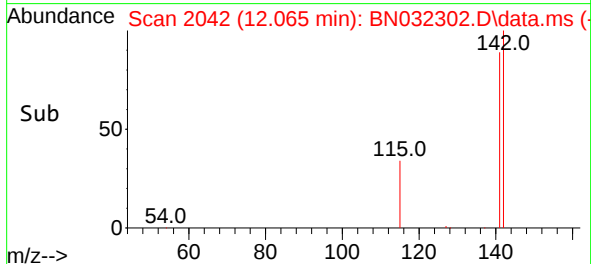
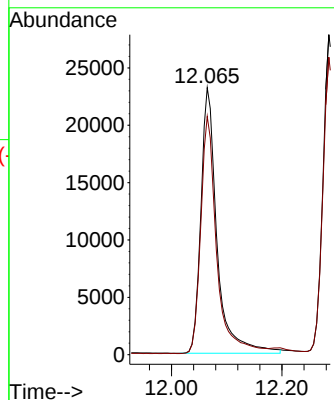
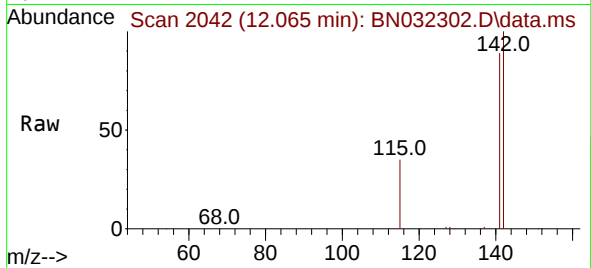




#7
2-Methylnaphthalene
Concen: 0.712 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

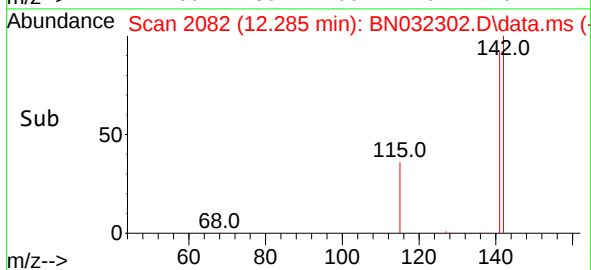
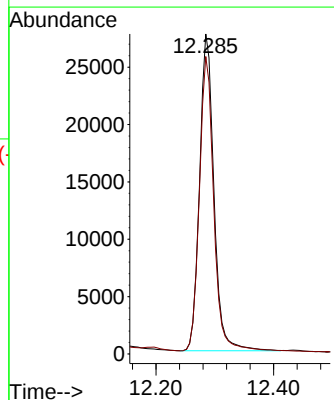
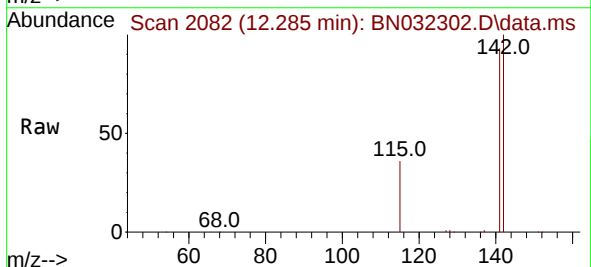
Instrument :
BNA_N
ClientSampleId :
SP6539

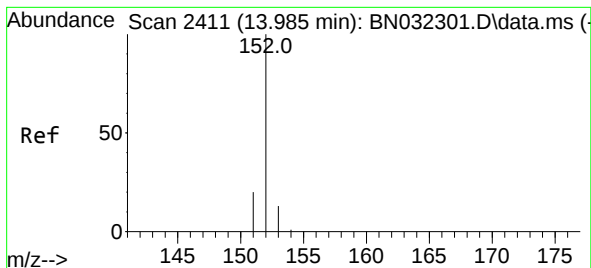
Tgt Ion:142 Resp: 47011
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.684 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion:142 Resp: 46856
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0





#10

Acenaphthylene

Concen: 0.752 ng/ul

RT: 13.980 min Scan# 2411

Delta R.T. -0.009 min

Lab File: BN032302.D

Acq: 28 Jun 2024 05:07

Instrument :

BNA_N

ClientSampleId :

SP6539

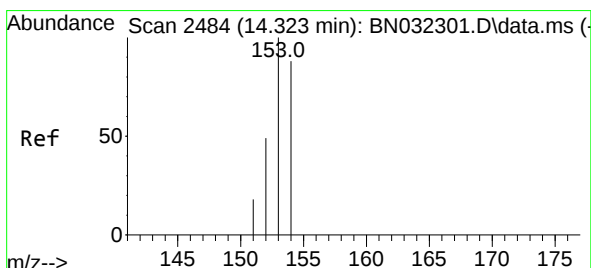
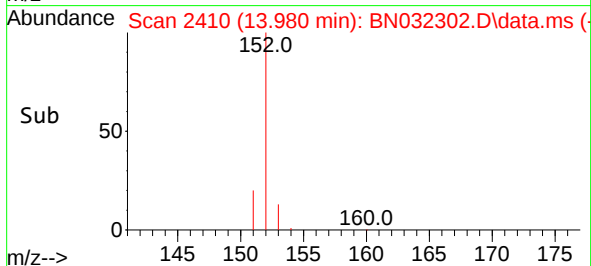
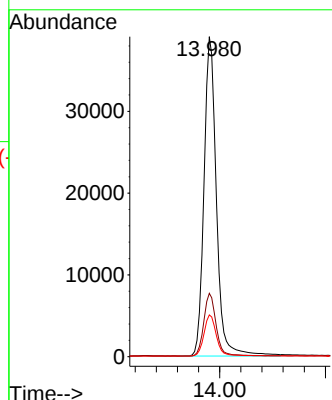
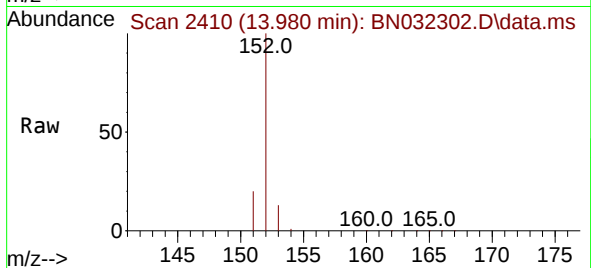
Tgt Ion:152 Resp: 63576

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.1 10.9 16.3



#11

Acenaphthene

Concen: 0.745 ng/ul

RT: 14.323 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN032302.D

Acq: 28 Jun 2024 05:07

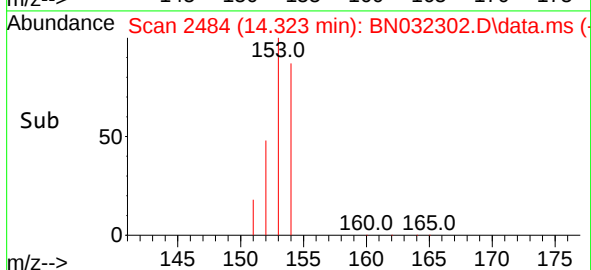
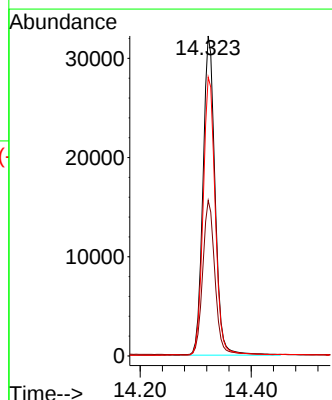
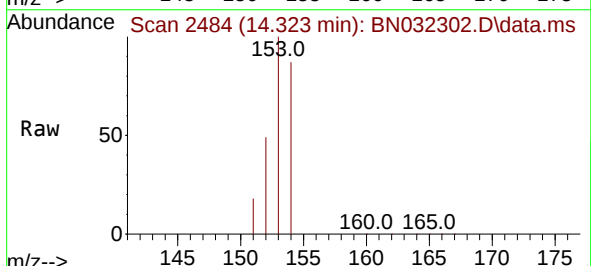
Tgt Ion:153 Resp: 48868

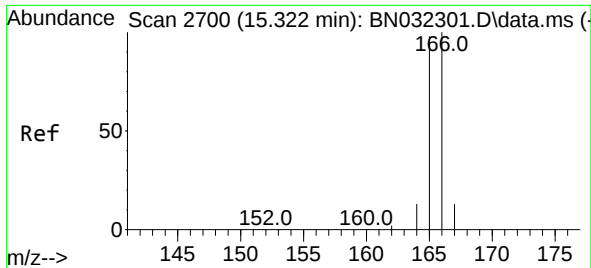
Ion Ratio Lower Upper

153 100

152 48.6 39.5 59.3

154 87.2 71.7 107.5

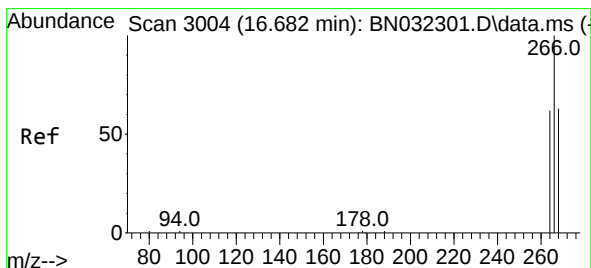
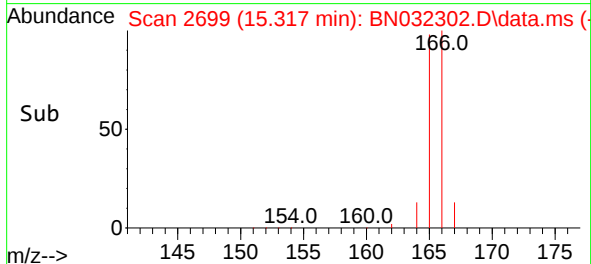
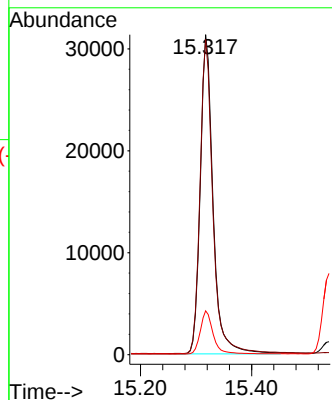
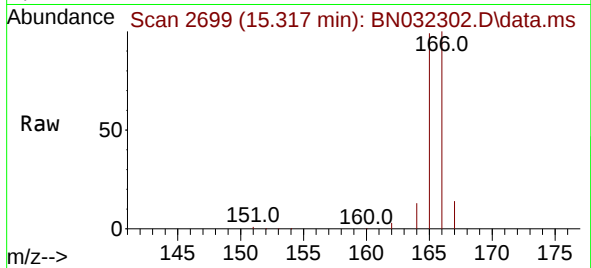




#12
 Fluorene
 Concen: 0.642 ng/ul
 RT: 15.317 min Scan# 2699
 Delta R.T. -0.009 min
 Lab File: BN032302.D
 Acq: 28 Jun 2024 05:07

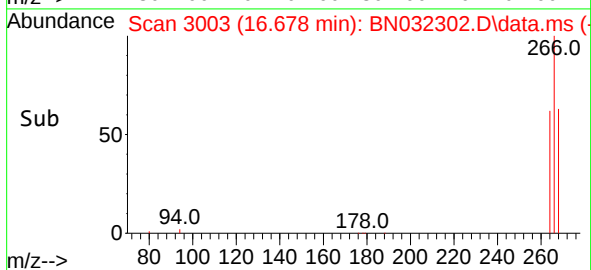
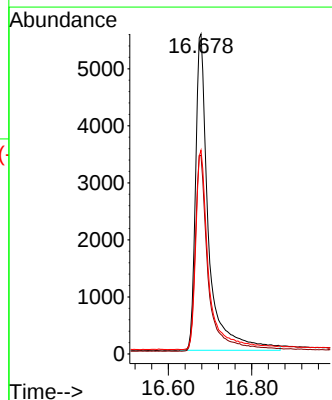
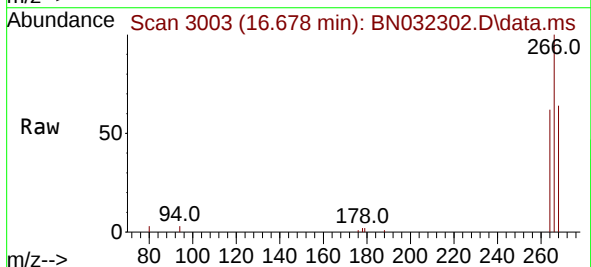
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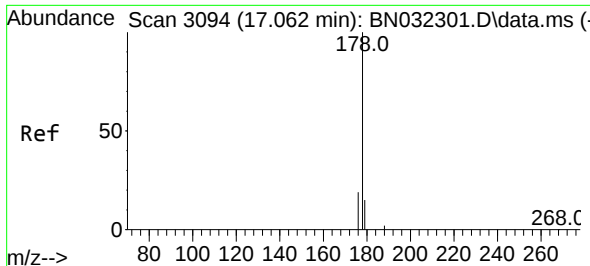
Tgt Ion:166 Resp: 50213
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.0 118.6
 167 13.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.524 ng/ul
 RT: 16.678 min Scan# 3003
 Delta R.T. -0.021 min
 Lab File: BN032302.D
 Acq: 28 Jun 2024 05:07

Tgt Ion:266 Resp: 12033
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.9 74.9
 268 64.5 52.4 78.6

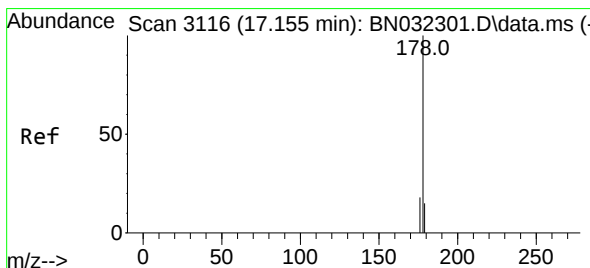
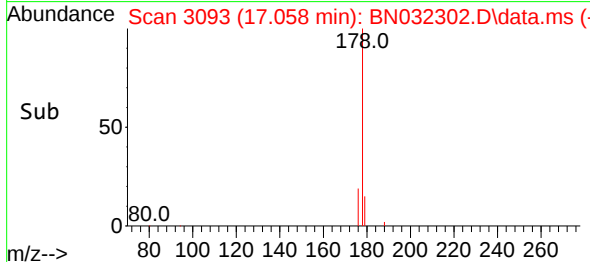
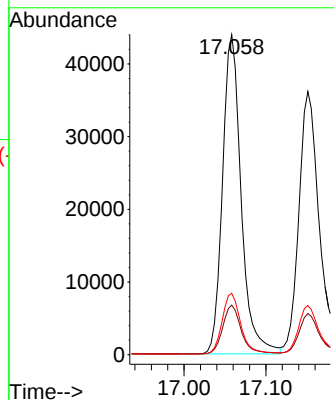
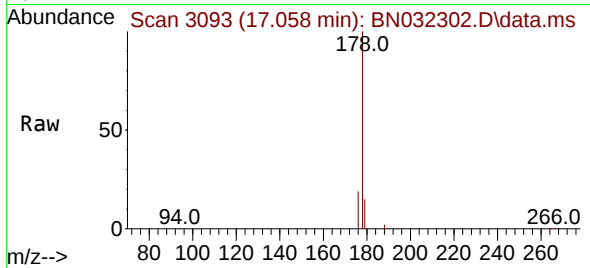




#15
 Phenanthrene
 Concen: 0.726 ng/ul
 RT: 17.058 min Scan# 3093
 Delta R.T. -0.008 min
 Lab File: BN032302.D
 Acq: 28 Jun 2024 05:07

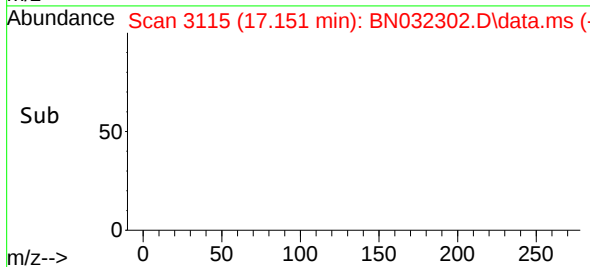
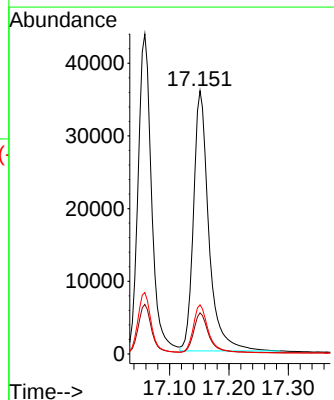
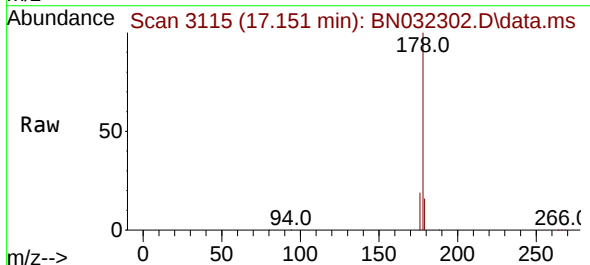
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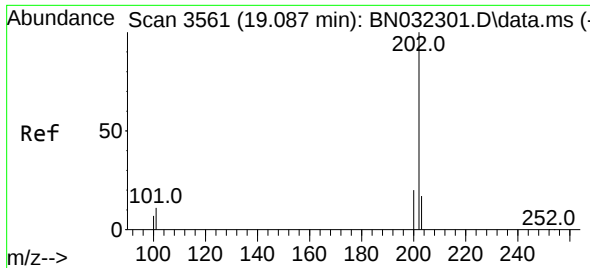
Tgt Ion:178 Resp: 69503
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 18.8
 176 19.2 15.6 23.4



#16
 Anthracene
 Concen: 0.751 ng/ul
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.009 min
 Lab File: BN032302.D
 Acq: 28 Jun 2024 05:07

Tgt Ion:178 Resp: 64074
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.5 18.7
 176 18.7 15.0 22.6

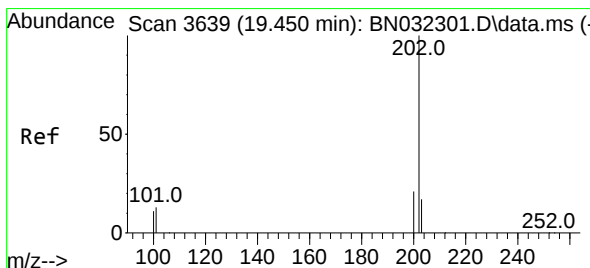
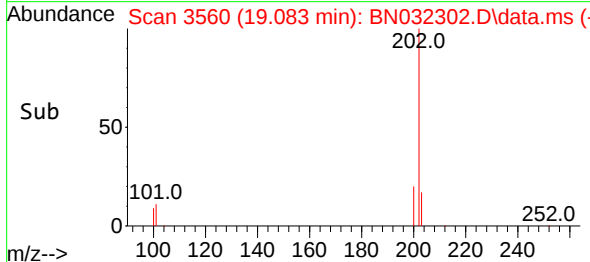
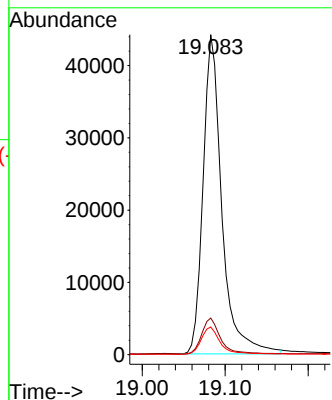
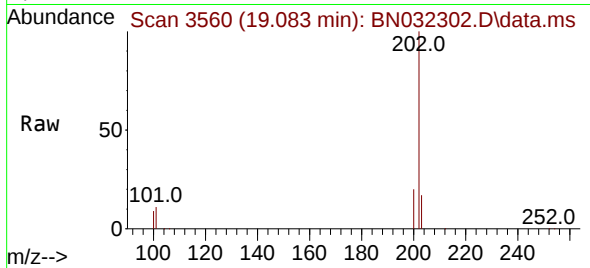




#19
Fluoranthene
Concen: 0.722 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

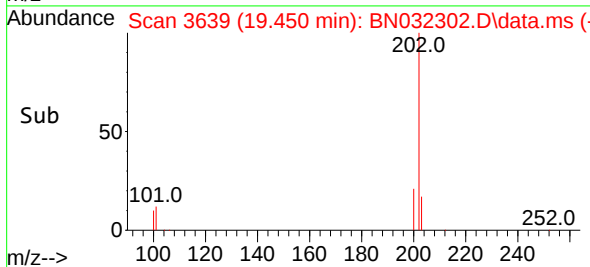
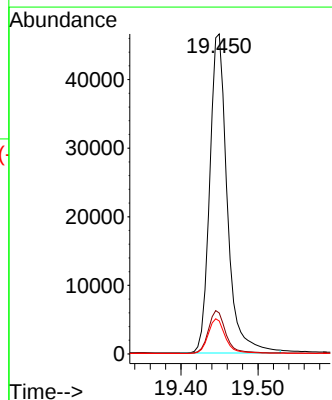
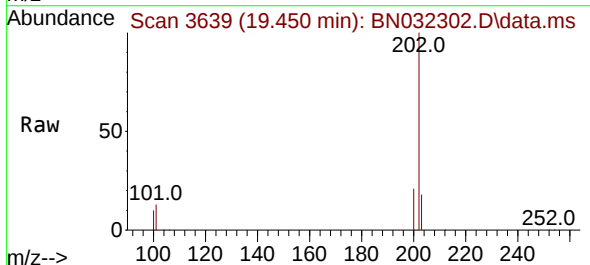
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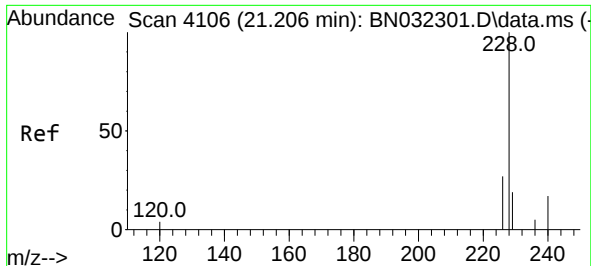
Tgt Ion:202 Resp: 69613
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.7 6.4 9.6



#20
Pyrene
Concen: 0.731 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion:202 Resp: 73624
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.3 8.7 13.1

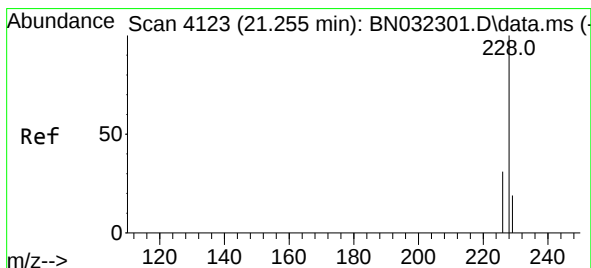
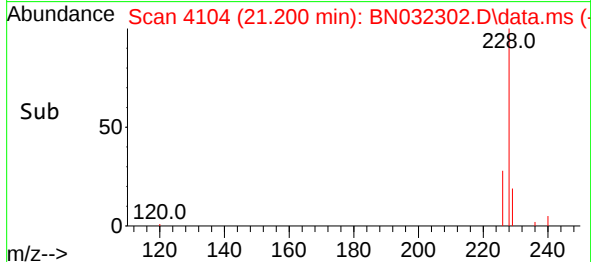
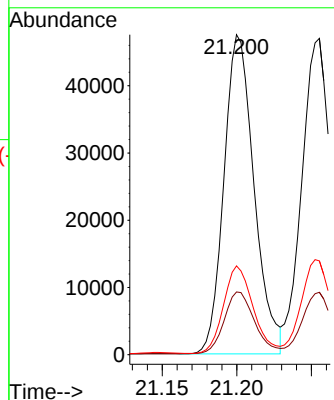
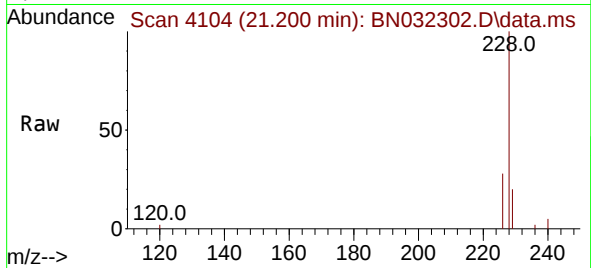




#21
Benzo(a)anthracene
Concen: 0.729 ng/ul
RT: 21.200 min Scan# 4106
Delta R.T. -0.015 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

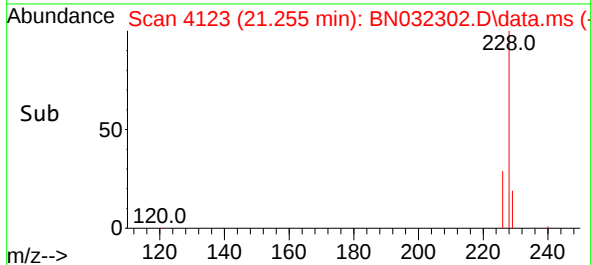
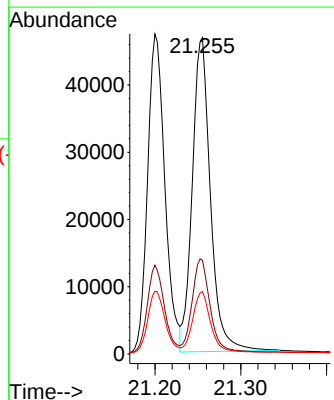
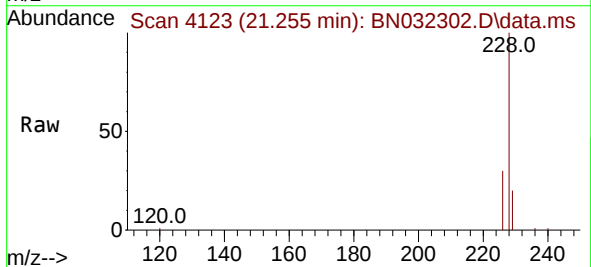
Instrument :
BNA_N
ClientSampleId :
SP6539

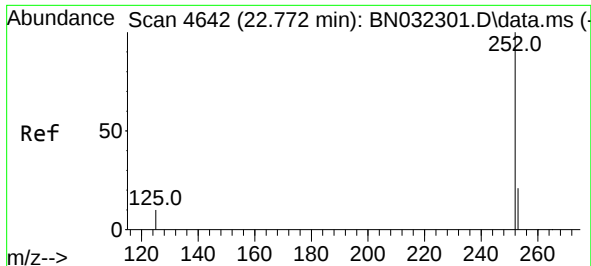
Tgt Ion:228 Resp: 66642
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.684 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

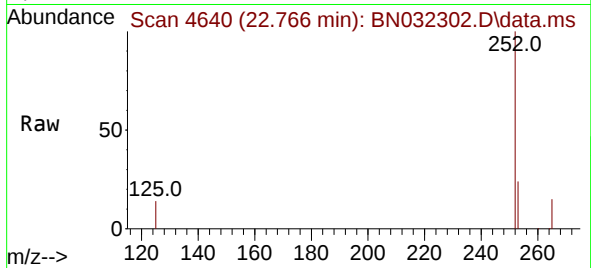
Tgt Ion:228 Resp: 68599
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 19.7 15.7 23.5



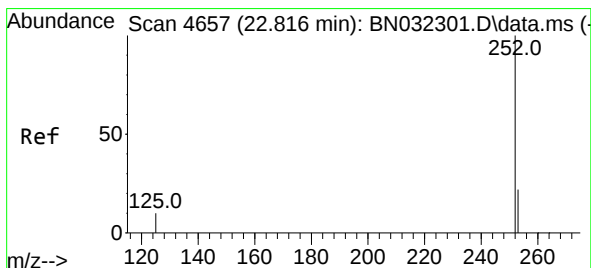
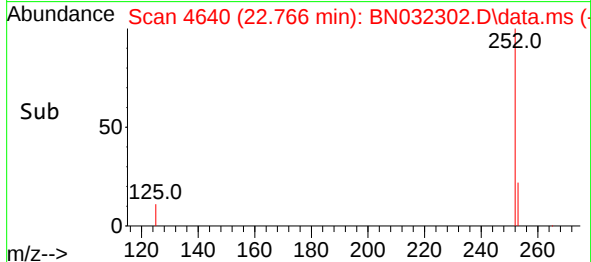
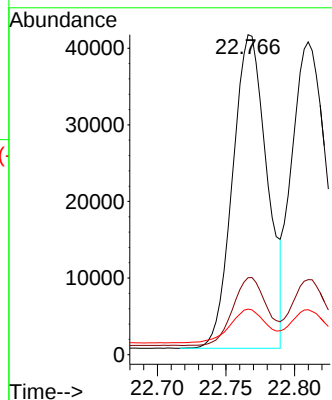


#24
Benzo(b)fluoranthene
Concen: 0.566 ng/ul
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Instrument :
BNA_N
ClientSampleId :
SP6539

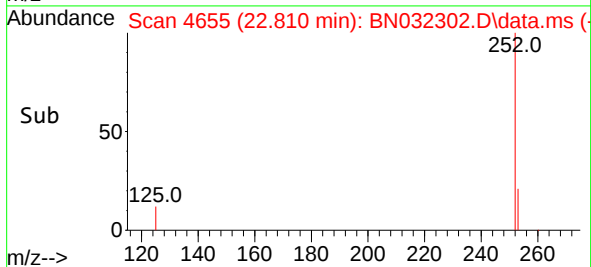
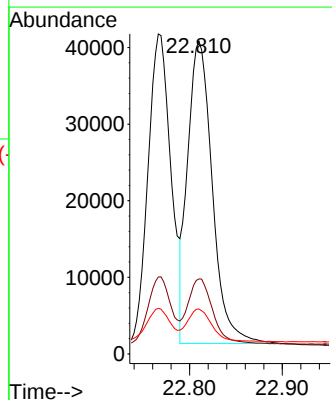
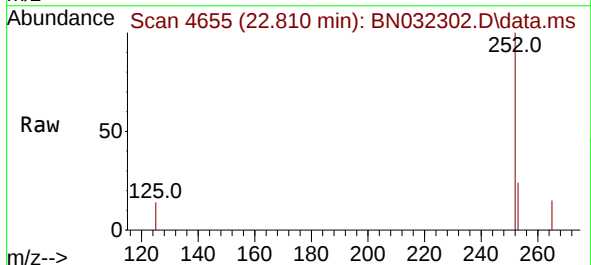


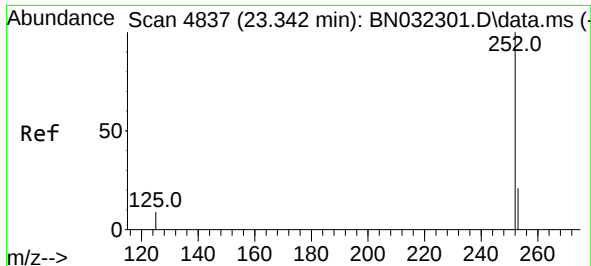
Tgt Ion:252 Resp: 71391
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 14.2 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.594 ng/ul
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion:252 Resp: 72729
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 14.4 12.8 19.2

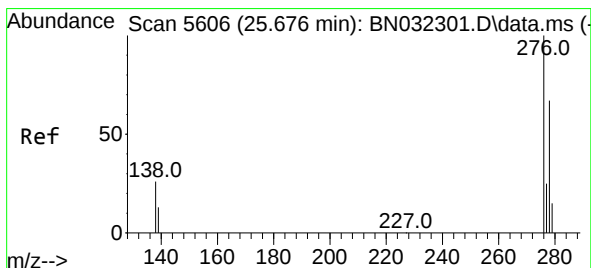
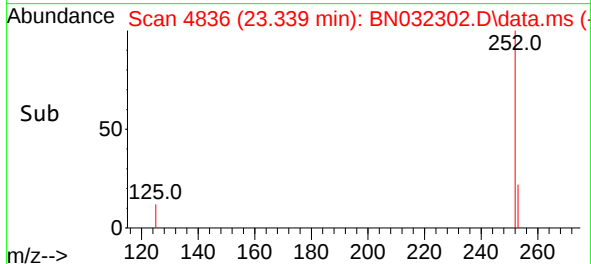
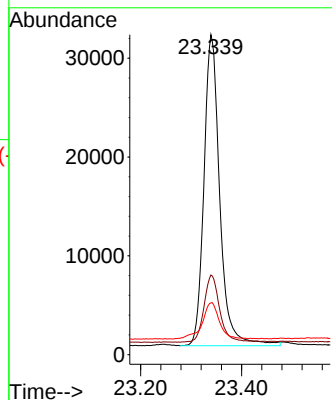
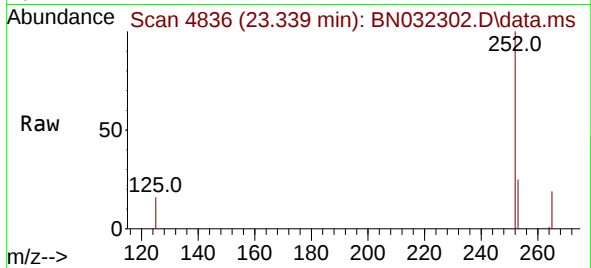




#26
Benzo(a)pyrene
Concen: 0.783 ng/ul
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

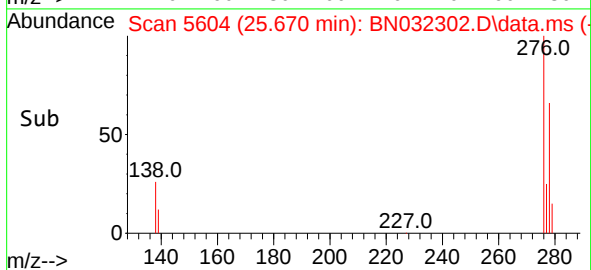
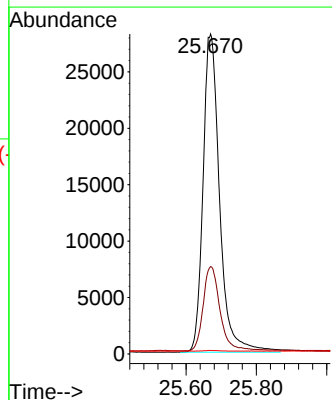
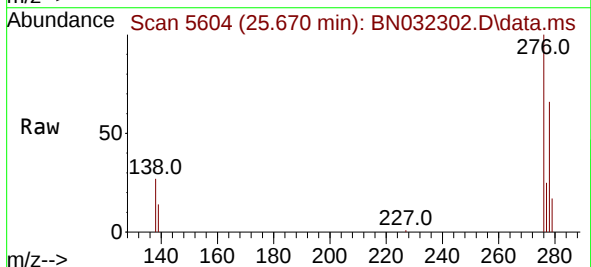
Instrument :
BNA_N
ClientSampleId :
SP6539

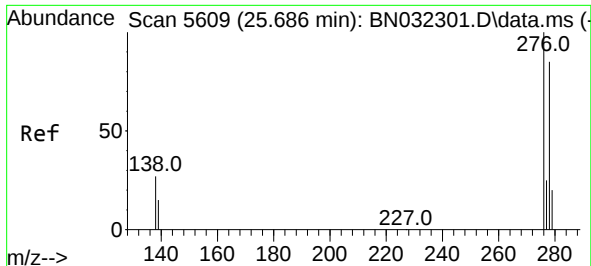
Tgt Ion:252 Resp: 68644
Ion Ratio Lower Upper
252 100
253 24.9 22.2 33.2
125 16.2 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.673 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion:276 Resp: 92415
Ion Ratio Lower Upper
276 100
138 27.0 21.3 31.9
227 0.2 0.1 0.1#

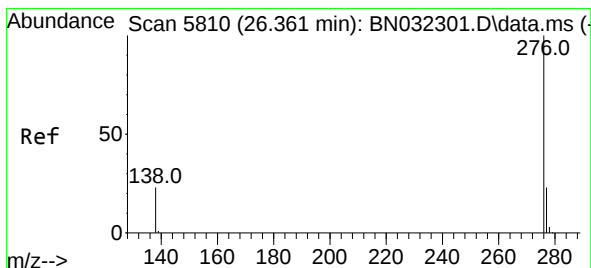
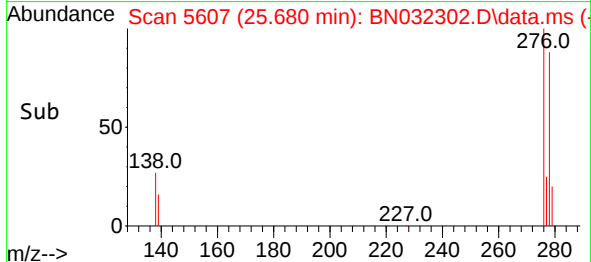
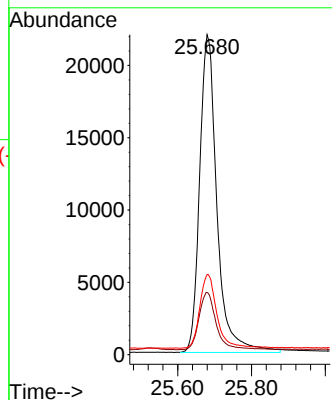
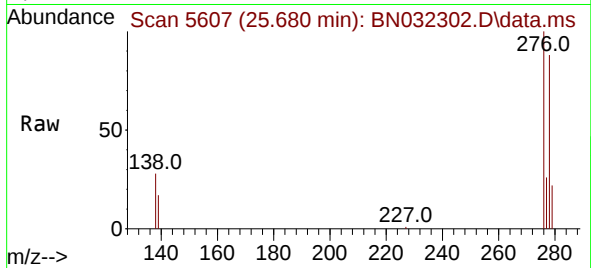




#28
Dibenzo(a,h)anthracene
Concen: 0.700 ng/ul
RT: 25.680 min Scan# 5609
Delta R.T. -0.030 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Instrument :
BNA_N
ClientSampleId :
SP6539

Tgt Ion:278 Resp: 71435
Ion Ratio Lower Upper
278 100
139 19.4 15.9 23.9
279 25.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.668 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. -0.024 min
Lab File: BN032302.D
Acq: 28 Jun 2024 05:07

Tgt Ion:276 Resp: 73072
Ion Ratio Lower Upper
276 100
138 24.3 19.8 29.6
277 24.9 19.8 29.6

