

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032291.D
 Acq On : 27 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2909-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B45

Quant Time: Jun 28 00:28:02 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)

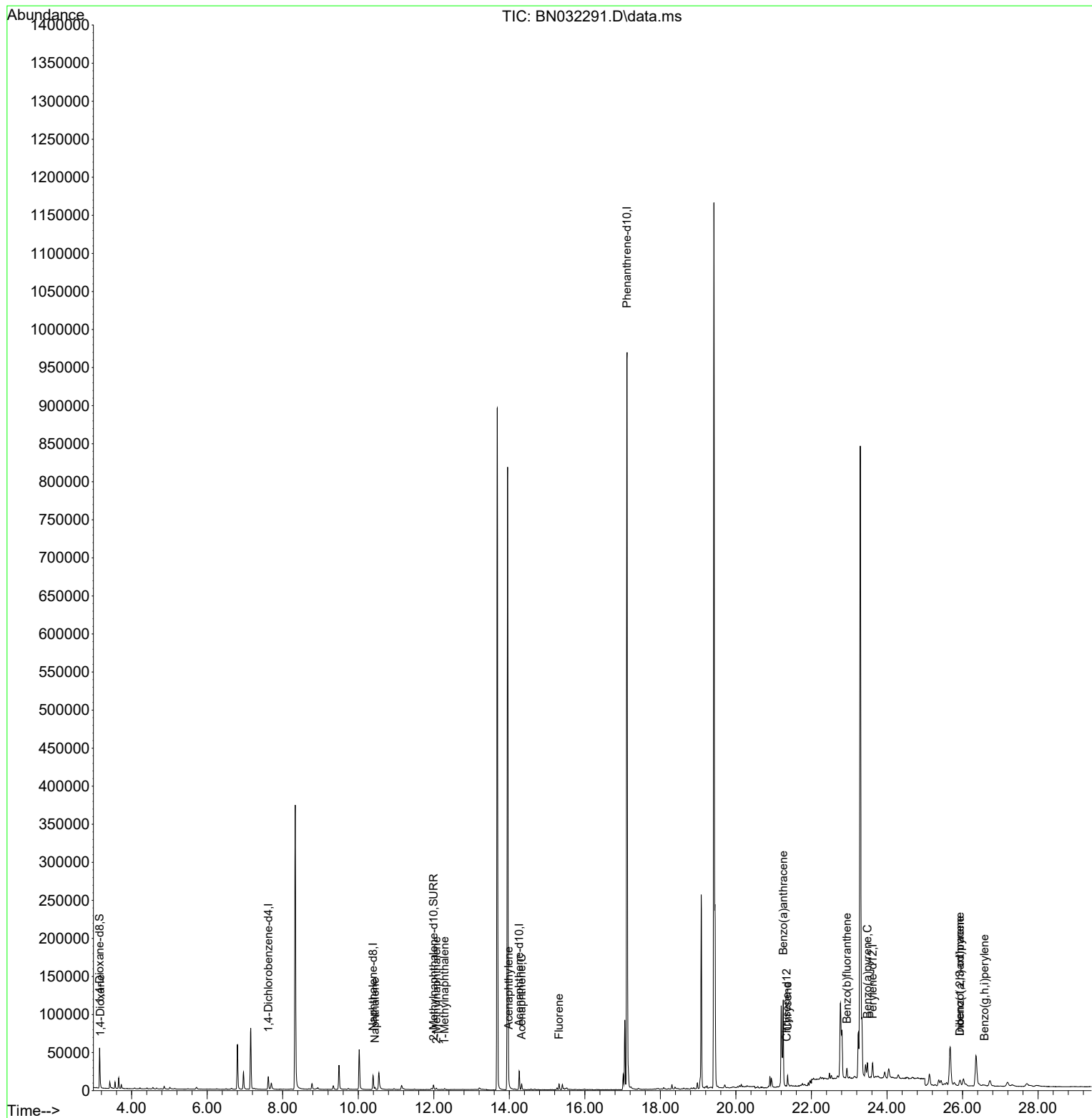
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	8917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	26178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.117	188	1142027	0.400	ng/ul	0.09
17) Chrysene-d12	21.340	240	17	0.400	ng/ul	# 0.11
23) Perylene-d12	23.623	264	1963	0.400	ng/ul	# 0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	34261	3.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	8646	0.220	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	959	0.085	ng/ul#	1
5) Naphthalene	10.442	128	3757	0.054	ng/ul#	90
7) 2-Methylnaphthalene	12.070	142	1481	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.285	142	1034	0.022	ng/ul	97
10) Acenaphthylene	13.985	152	4714	0.083	ng/ul#	92
11) Acenaphthene	14.327	153	4456	0.101	ng/ul	97
12) Fluorene	15.317	166	4985	0.095	ng/ul#	99
21) Benzo(a)anthracene	21.252	228	99671	1624.421	ng/ul	94
22) Chrysene	21.369	228	11759	174.608	ng/ul#	48
24) Benzo(b)fluoranthene	22.939	252	17445	2.046	ng/ul#	49
26) Benzo(a)pyrene	23.482	252	25413	4.283	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.931	276	3101	0.334	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.931	278	11979	1.735	ng/ul#	56
29) Benzo(g,h,i)perylene	26.585	276	979	0.132	ng/ul#	1

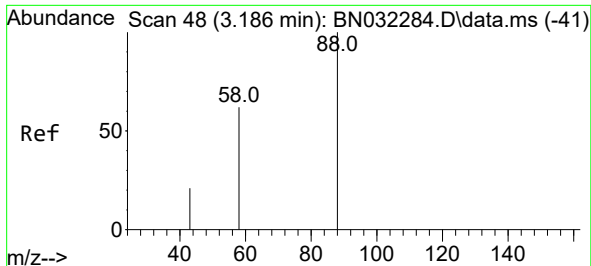
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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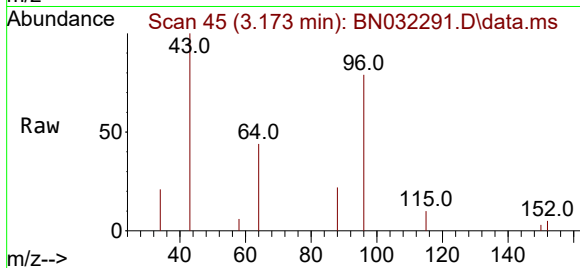
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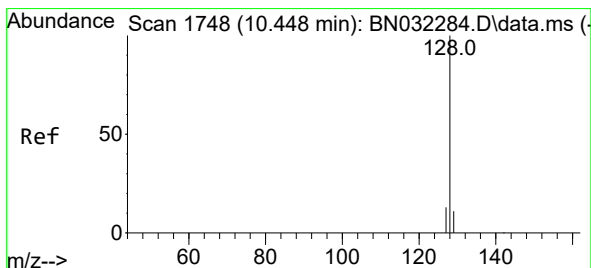
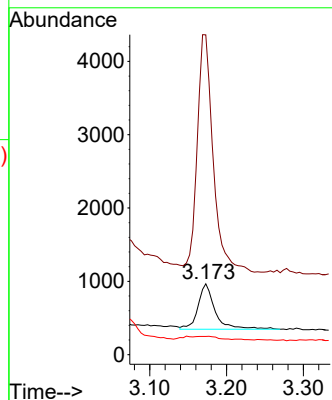
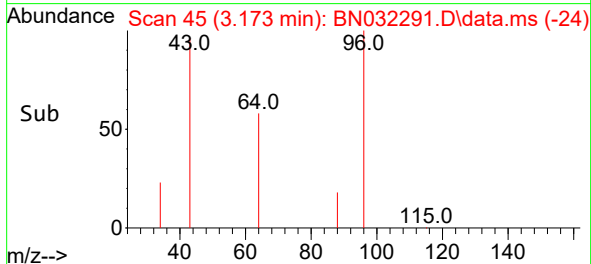


#2
1,4-Dioxane
Concen: 0.085 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Instrument :
BNA_N
ClientSampleId :
A4B45

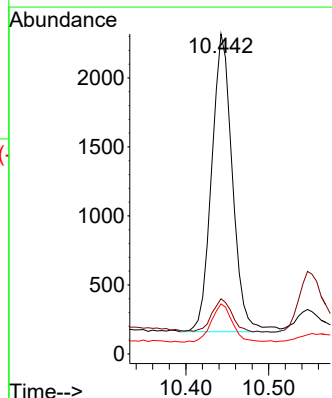
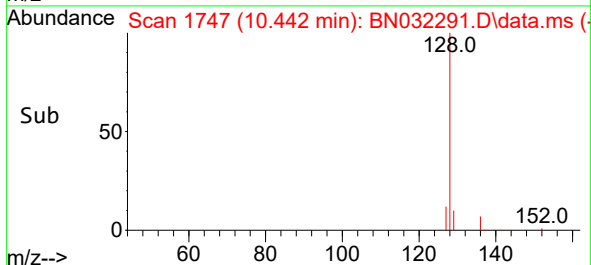
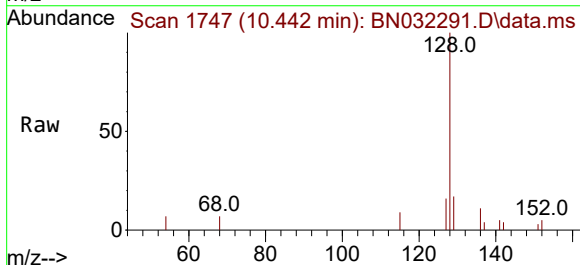


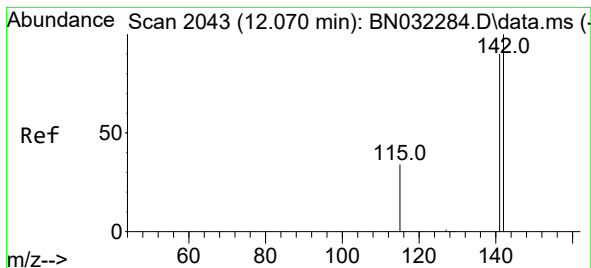
Tgt Ion: 88 Resp: 959
Ion Ratio Lower Upper
88 100
43 451.6 28.4 42.6#
58 25.7 43.3 64.9#



#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion: 128 Resp: 3757
Ion Ratio Lower Upper
128 100
129 17.2 9.2 13.8#
127 15.7 10.8 16.2

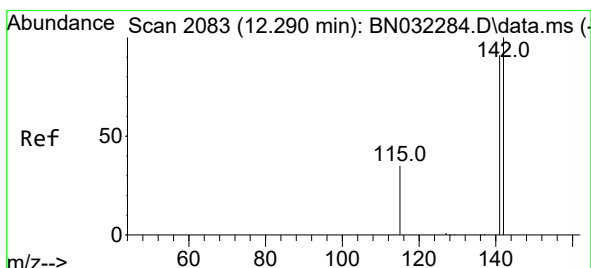
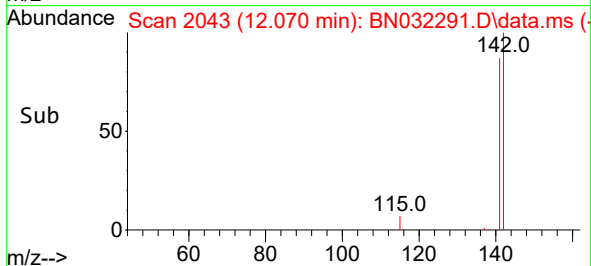
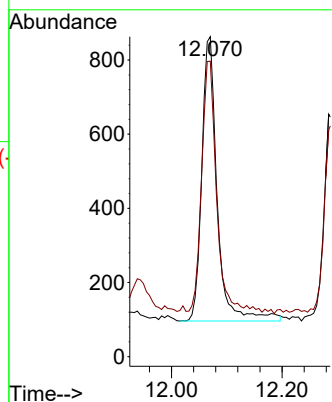
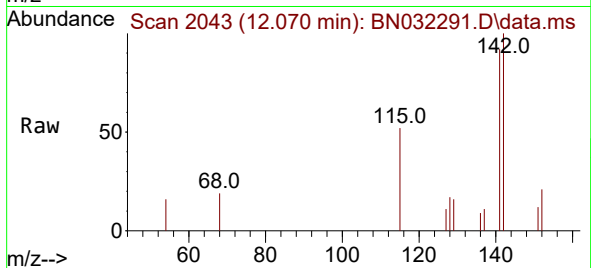




#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

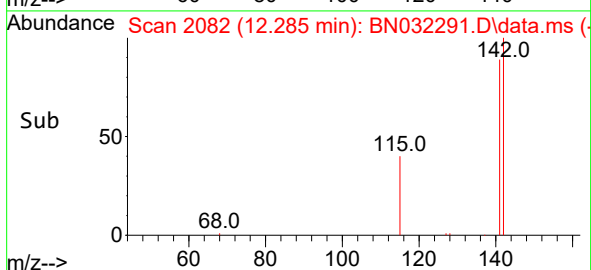
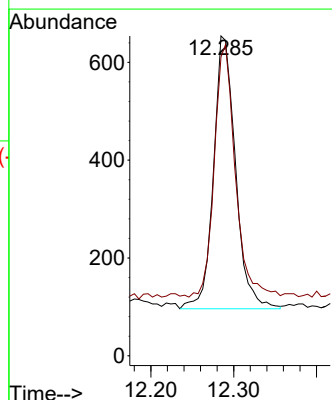
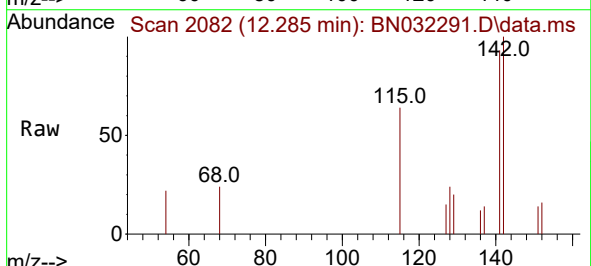
Instrument :
BNA_N
ClientSampleId :
A4B45

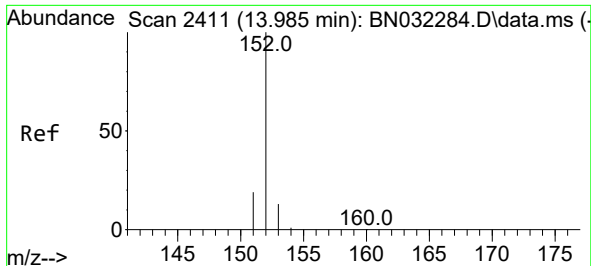
Tgt Ion:142 Resp: 1481
Ion Ratio Lower Upper
142 100
141 85.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
141 88.8 73.4 110.0

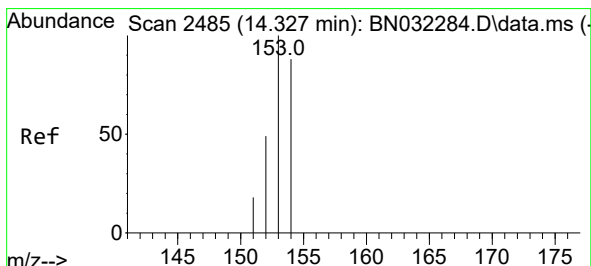
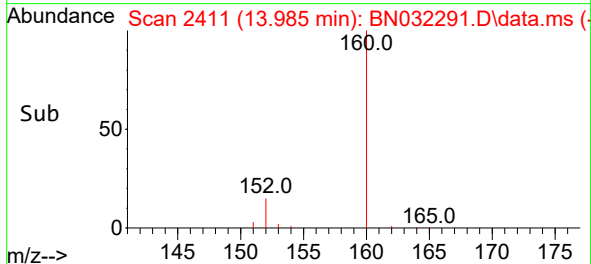
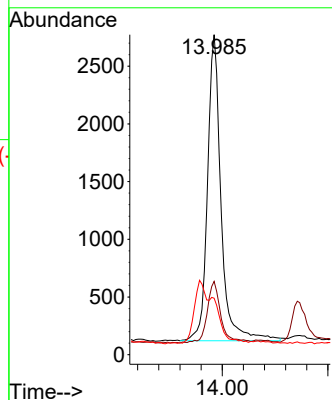
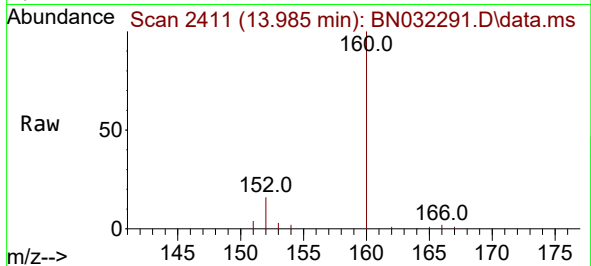




#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

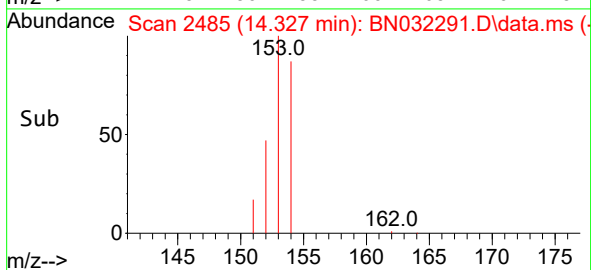
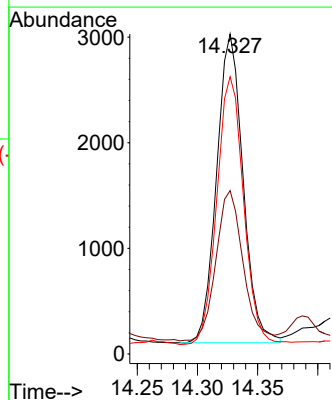
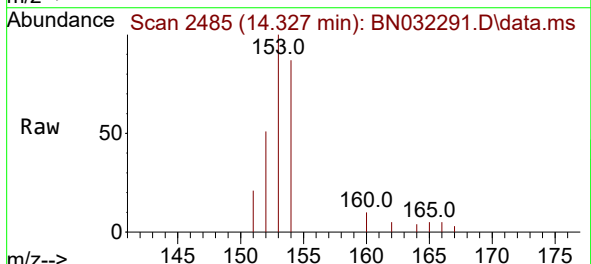
Instrument :
BNA_N
ClientSampleId :
A4B45

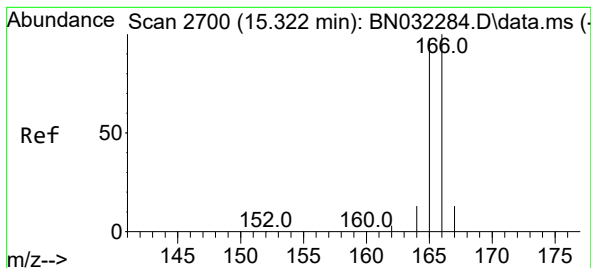
Tgt Ion:152 Resp: 4714
Ion Ratio Lower Upper
152 100
151 22.9 15.7 23.5
153 17.6 10.9 16.3#



#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:153 Resp: 4456
Ion Ratio Lower Upper
153 100
152 51.1 39.5 59.3
154 86.7 71.7 107.5





#12

Fluorene

Concen: 0.095 ng/ul

RT: 15.317 min Scan# 2

Delta R.T. -0.009 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

A4B45

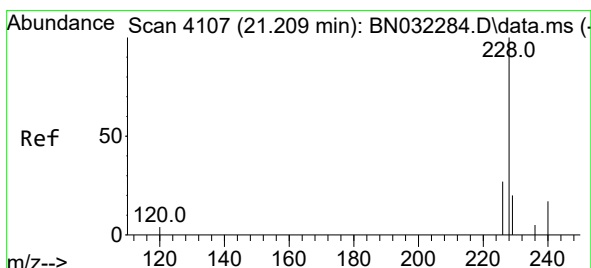
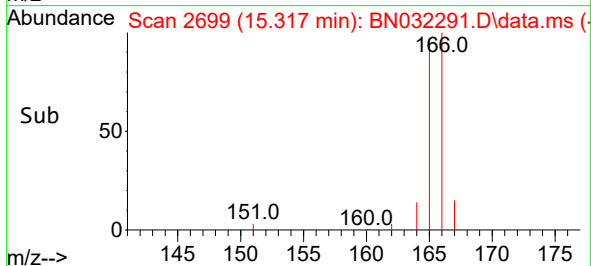
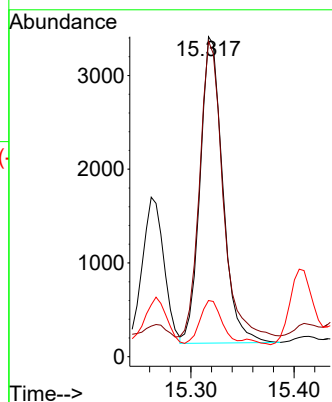
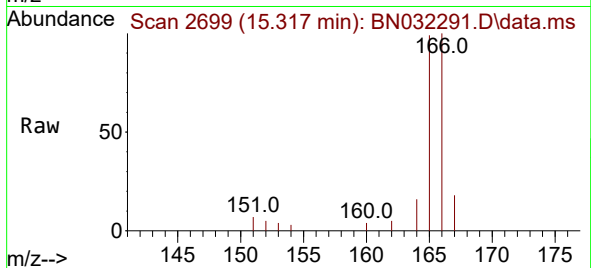
Tgt Ion:166 Resp: 4985

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.6

167 17.6 11.0 16.6#



#21

Benzo(a)anthracene

Concen: 1624.421 ng/ul

RT: 21.252 min Scan# 4122

Delta R.T. 0.038 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

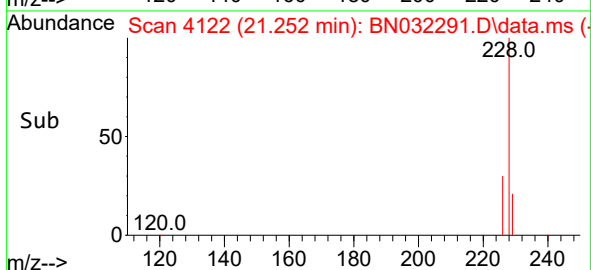
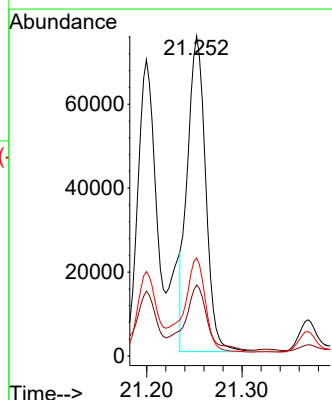
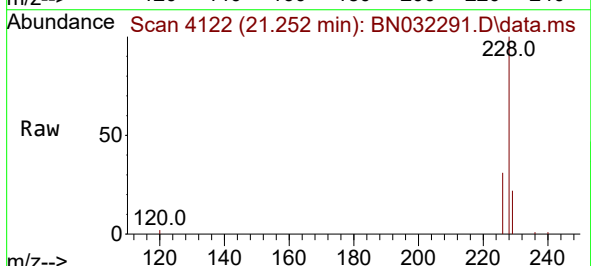
Tgt Ion:228 Resp: 99671

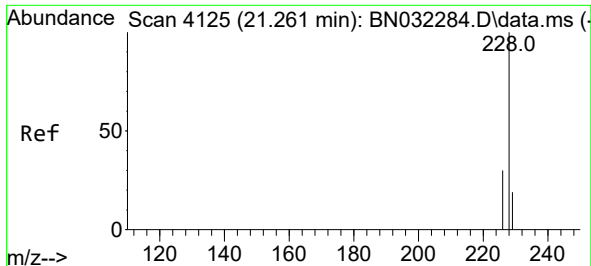
Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

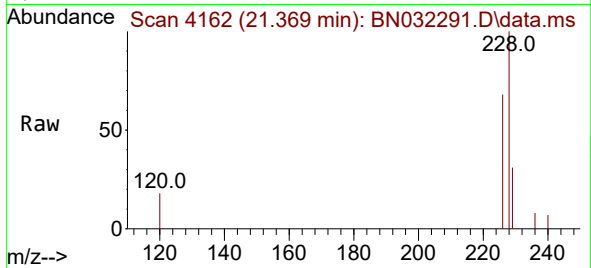
226 30.6 21.8 32.8



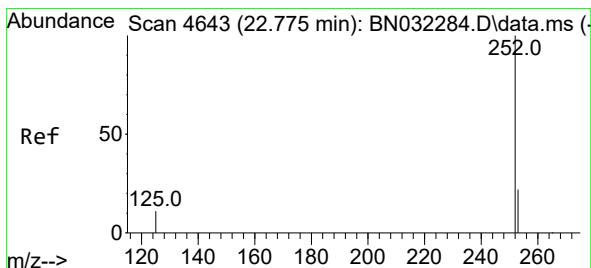
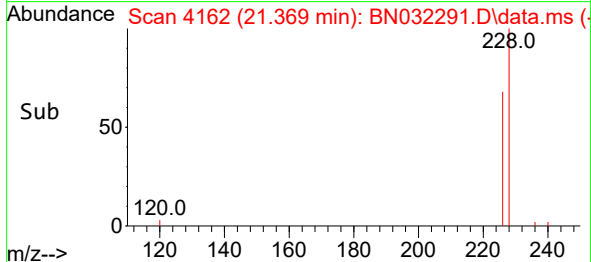
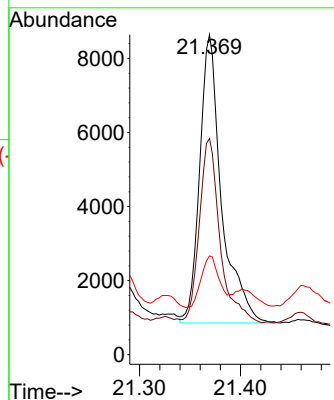


#22
Chrysene
Concen: 174.608 ng/ul
RT: 21.369 min Scan# 4125
Delta R.T. 0.102 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Instrument :
BNA_N
ClientSampleId :
A4B45

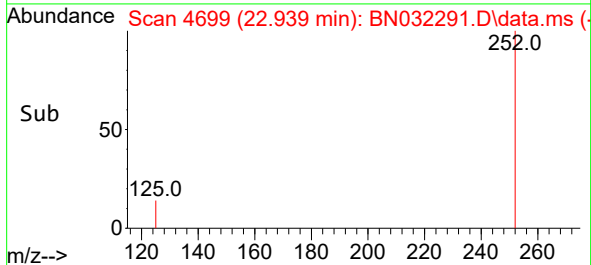
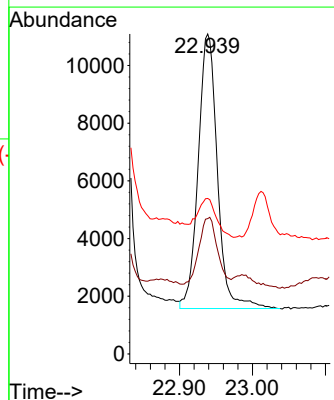
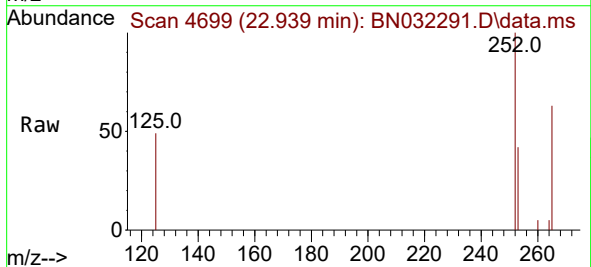


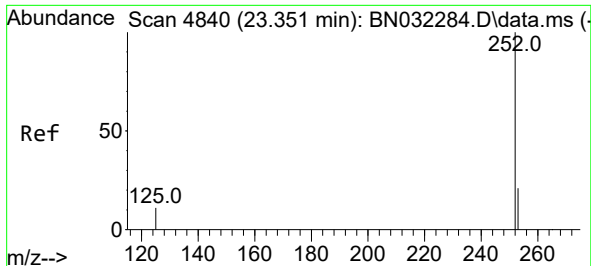
Tgt Ion:228 Resp: 11759
Ion Ratio Lower Upper
228 100
226 67.6 23.6 35.4#
229 30.8 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 2.046 ng/ul
RT: 22.939 min Scan# 4699
Delta R.T. 0.155 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:252 Resp: 17445
Ion Ratio Lower Upper
252 100
253 42.3 0.0 50.2
125 48.6 0.0 32.0#

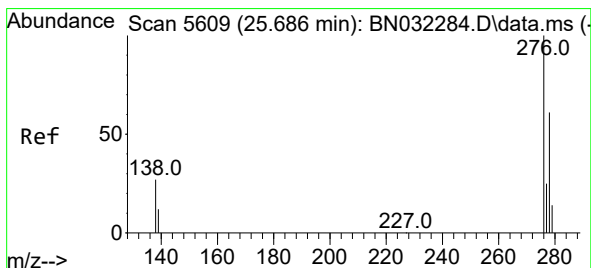
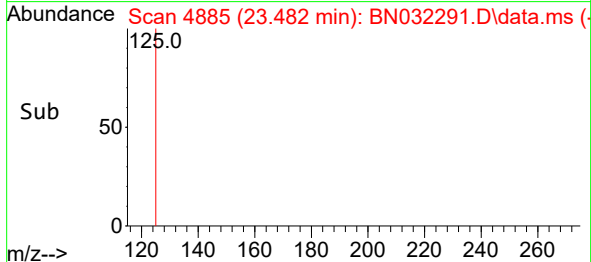
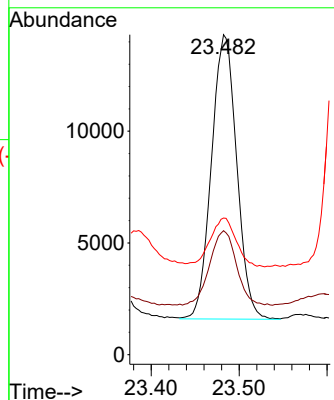
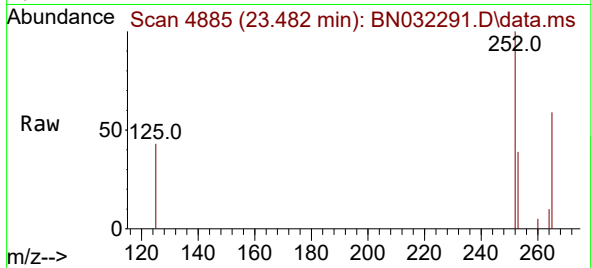




#26
Benzo(a)pyrene
Concen: 4.283 ng/ul
RT: 23.482 min Scan# 4885
Delta R.T. 0.123 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

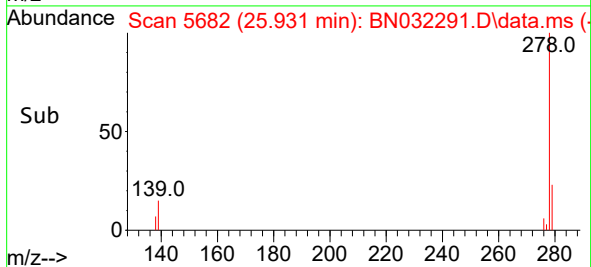
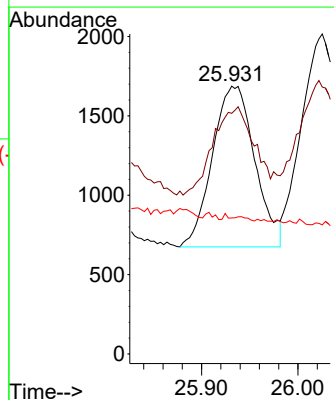
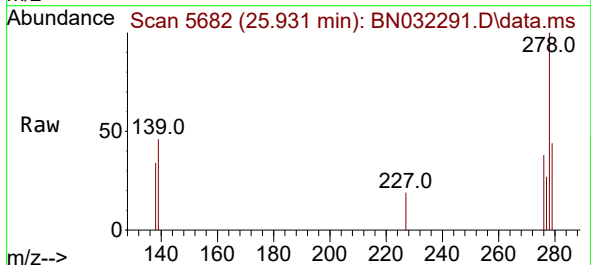
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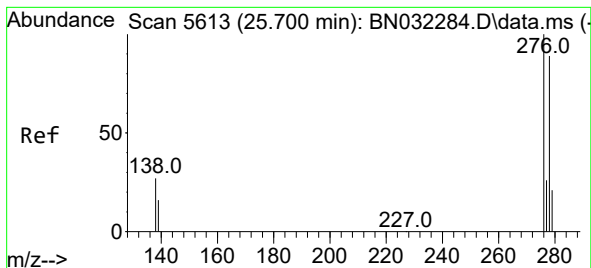
Tgt Ion:252 Resp: 25413
Ion Ratio Lower Upper
252 100
253 38.7 22.2 33.2#
125 42.7 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.931 min Scan# 5682
Delta R.T. 0.231 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:276 Resp: 3101
Ion Ratio Lower Upper
276 100
138 55.3 21.3 31.9#
227 3.8 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.735 ng/ul

RT: 25.931 min Scan# 5

Delta R.T. 0.221 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

A4B45

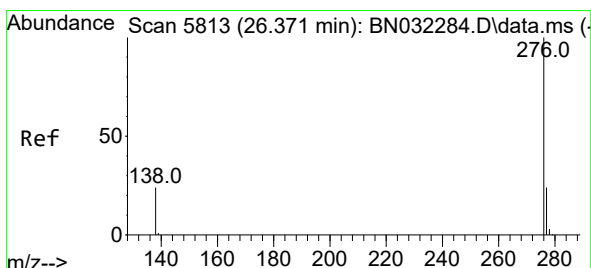
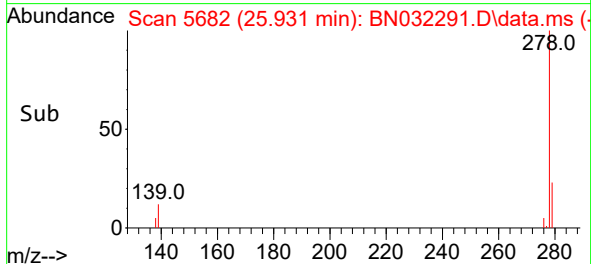
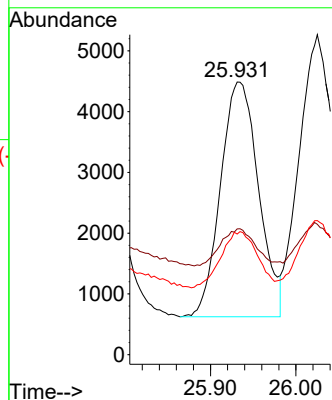
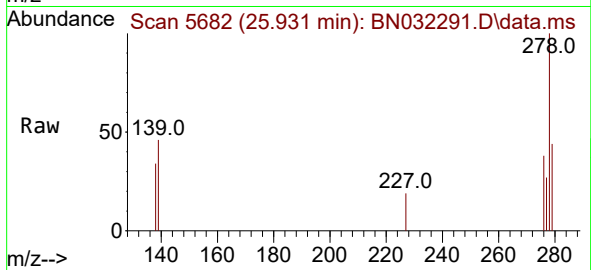
Tgt Ion:278 Resp: 11979

Ion Ratio Lower Upper

278 100

139 46.1 15.9 23.9#

279 44.3 21.1 31.7#



#29

Benzo(g,h,i)perylene

Concen: 0.132 ng/ul

RT: 26.585 min Scan# 5877

Delta R.T. 0.204 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

Tgt Ion:276 Resp: 979

Ion Ratio Lower Upper

276 100

138 115.5 19.8 29.6#

277 96.0 19.8 29.6#

