

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111824\
 Data File : BN035150.D
 Acq On : 18 Nov 2024 16:21
 Operator : RC/JU
 Sample : PB164839BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS839

Quant Time: Nov 18 17:00:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

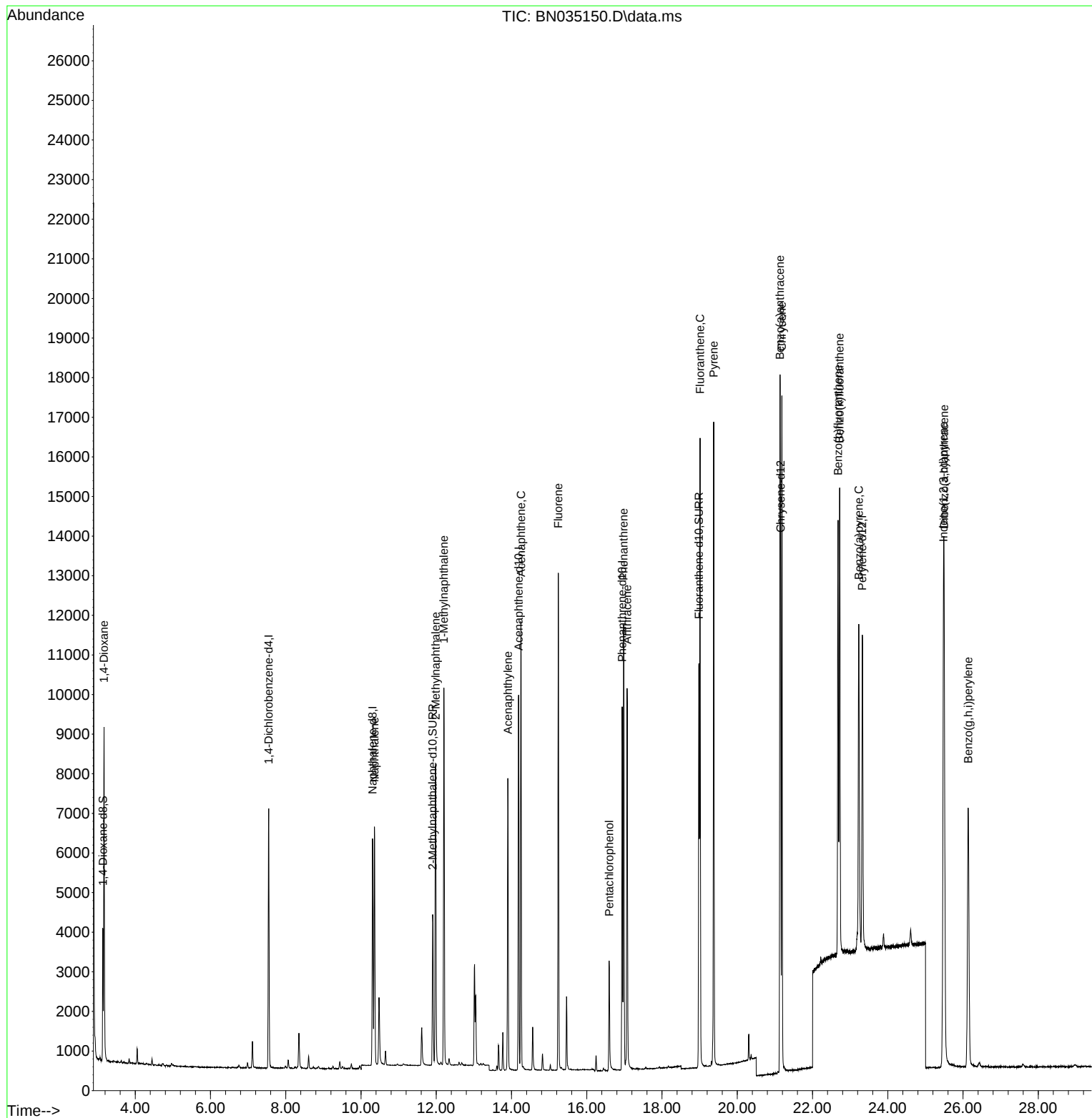
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	3290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7941	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.189	164	5226	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	11172	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	9506	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	9931	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2294	0.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	5192	0.446	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	12076	0.460	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.170	88	6217	1.905	ng/ul#	94
5) Naphthalene	10.355	128	8033	0.402	ng/ul	99
7) 2-Methylnaphthalene	11.983	142	5558	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	6395	0.457	ng/ul	99
10) Acenaphthylene	13.902	152	8183	0.395	ng/ul	100
11) Acenaphthene	14.249	153	6305	0.398	ng/ul	99
12) Fluorene	15.244	166	7397	0.397	ng/ul	100
14) Pentachlorophenol	16.595	266	1971	0.757	ng/ul	98
15) Phenanthrene	16.979	178	11832	0.401	ng/ul	99
16) Anthracene	17.072	178	10758	0.392	ng/ul	100
19) Fluoranthene	19.009	202	13868	0.419	ng/ul	99
20) Pyrene	19.372	202	14304	0.415	ng/ul	99
21) Benzo(a)anthracene	21.134	228	13473	0.408	ng/ul	99
22) Chrysene	21.186	228	13921	0.419	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	13934	0.424	ng/ul	98
25) Benzo(k)fluoranthene	22.720	252	14505	0.429	ng/ul	97
26) Benzo(a)pyrene	23.229	252	12533	0.418	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.480	276	17263	0.426	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.497	278	13506	0.425	ng/ul	98
29) Benzo(g,h,i)perylene	26.137	276	13485	0.422	ng/ul	100

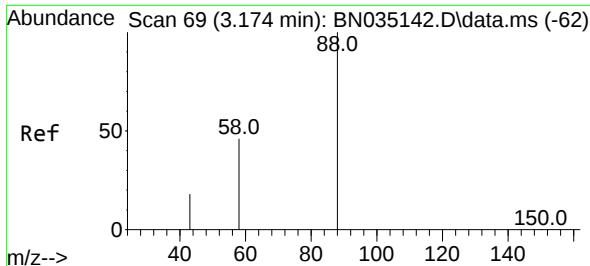
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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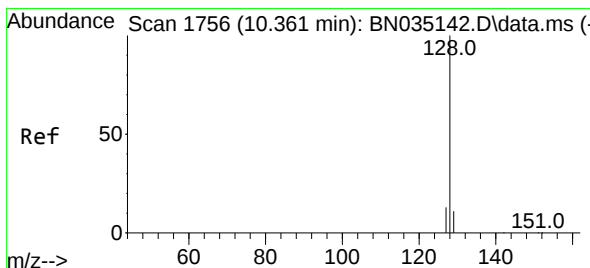
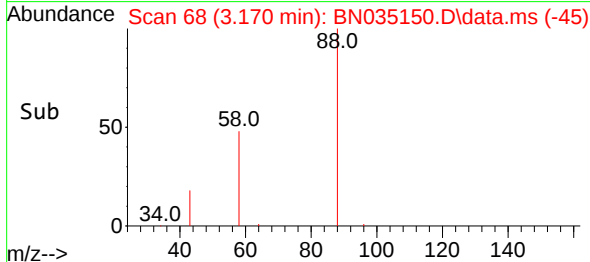
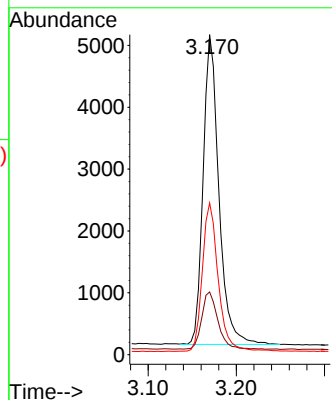
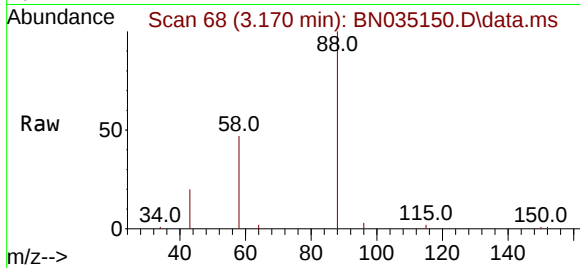




#2
1,4-Dioxane
Concen: 1.905 ng/ul
RT: 3.170 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

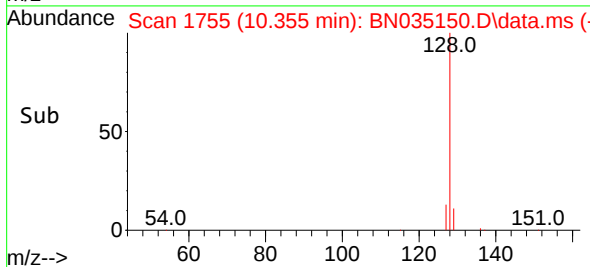
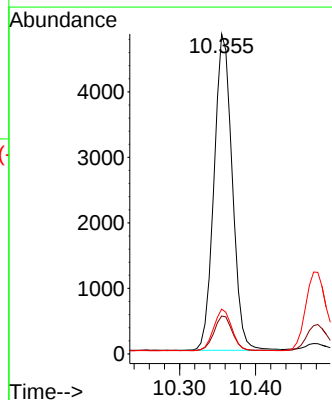
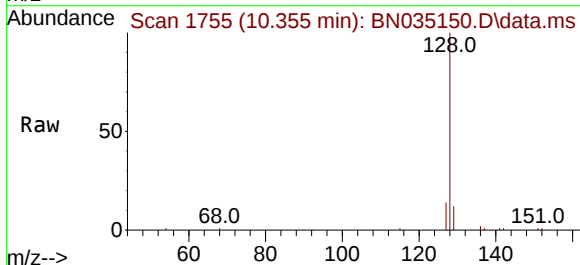
Instrument :
BNA_N
ClientSampleId :
SLCS839

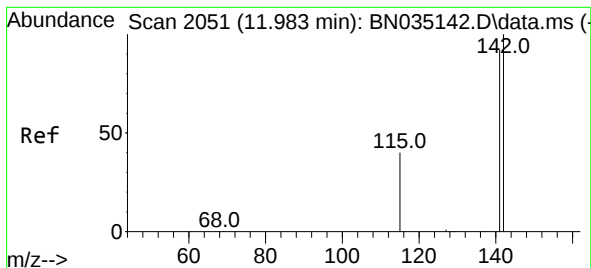
Tgt Ion: 88 Resp: 6217
Ion Ratio Lower Upper
88 100
43 19.6 20.6 31.0#
58 47.4 36.2 54.4



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion: 128 Resp: 8033
Ion Ratio Lower Upper
128 100
129 11.9 9.9 14.9
127 14.0 11.4 17.2

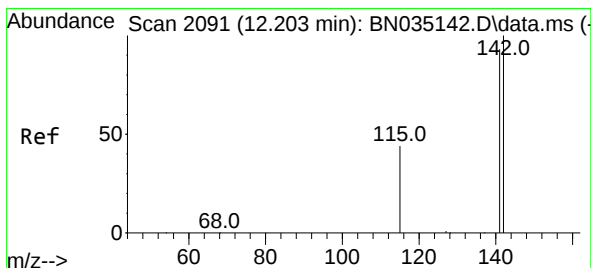
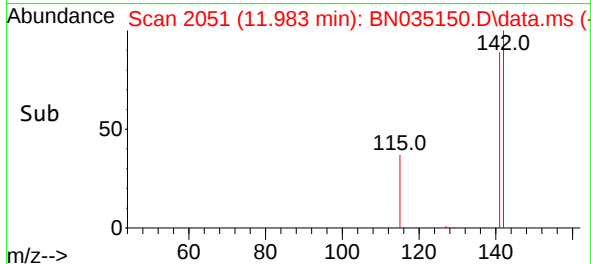
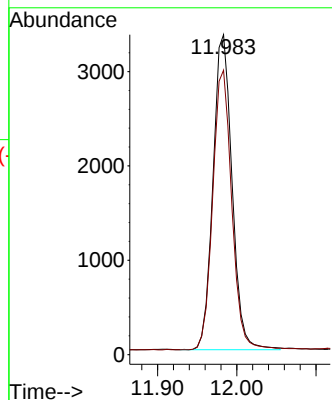
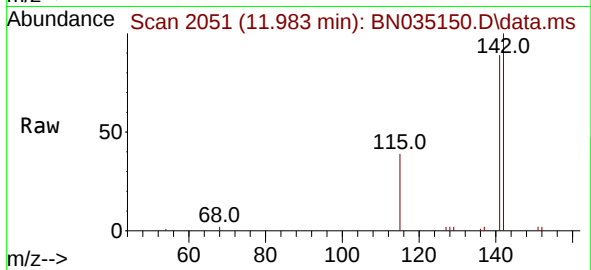




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

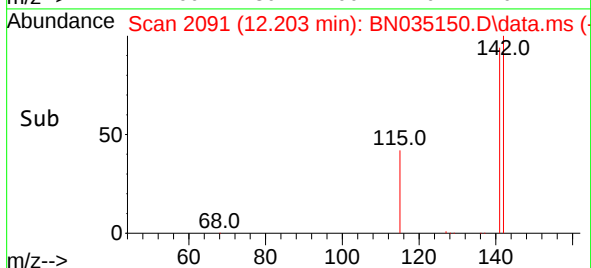
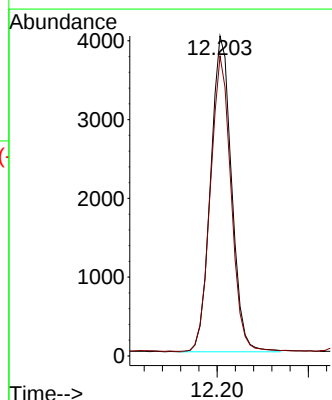
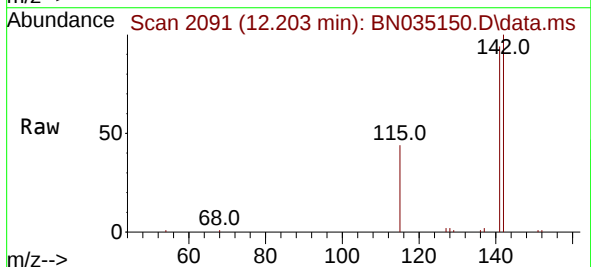
Instrument :
BNA_N
ClientSampleId :
SLCS839

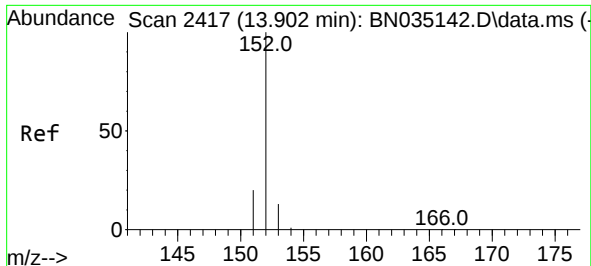
Tgt Ion:142 Resp: 5558
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:142 Resp: 6395
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7

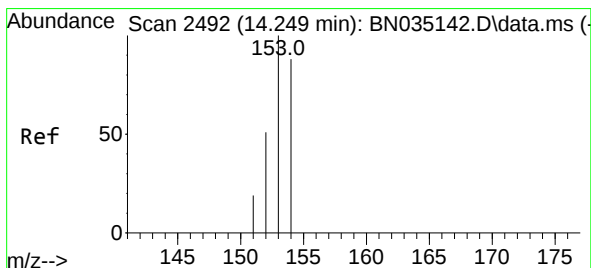
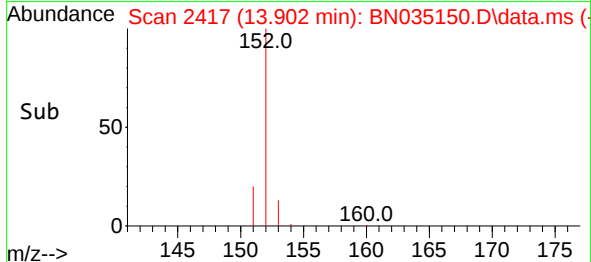
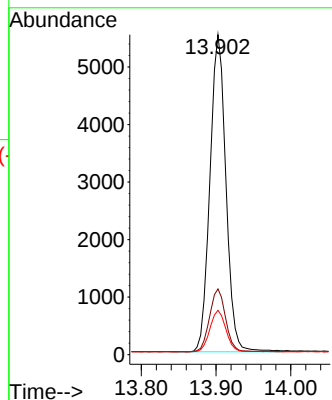
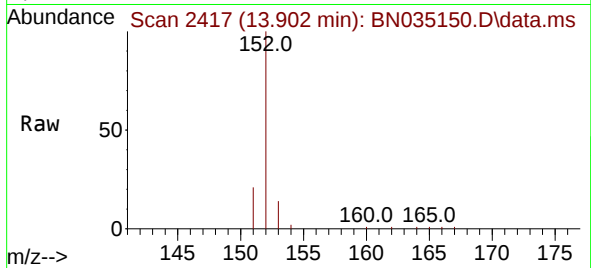




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 13.902 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

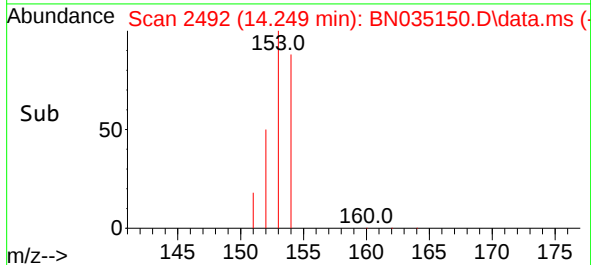
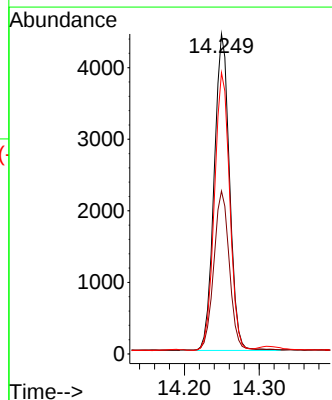
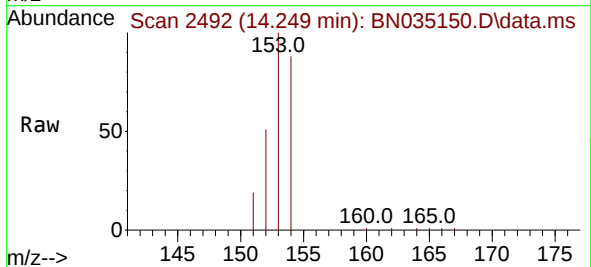
Instrument :
BNA_N
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SLCS839

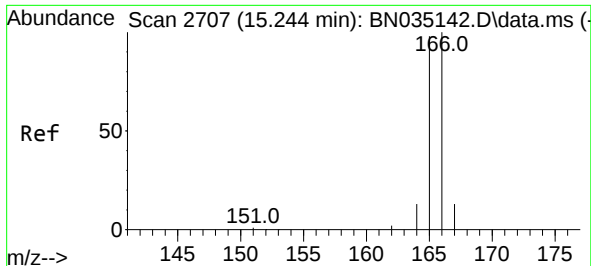
Tgt Ion:152	Resp:	8183
Ion	Ratio	Lower Upper
152	100	
151	20.6	16.4 24.6
153	13.8	11.1 16.7



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:153	Resp:	6305
Ion	Ratio	Lower Upper
153	100	
152	50.9	41.4 62.0
154	87.9	71.2 106.8

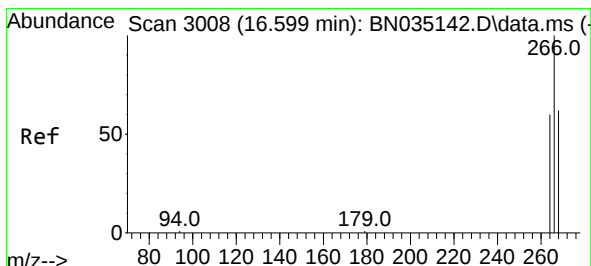
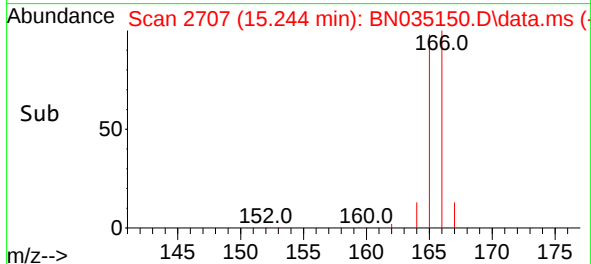
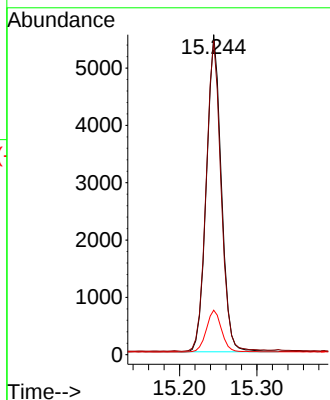
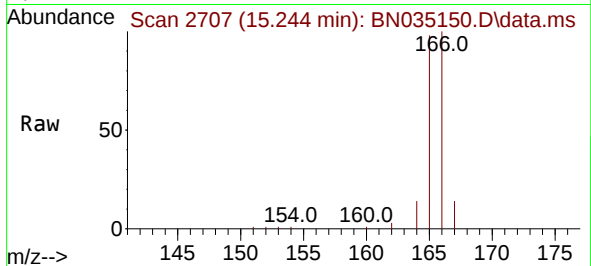




#12
 Fluorene
 Concen: 0.397 ng/ul
 RT: 15.244 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035150.D
 Acq: 18 Nov 2024 16:21

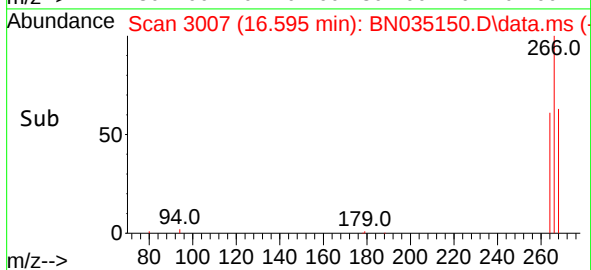
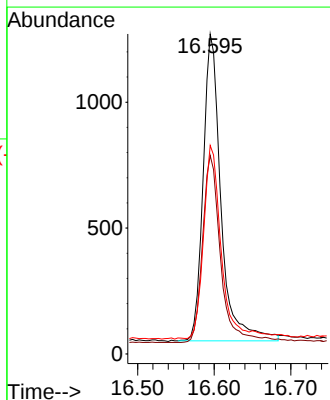
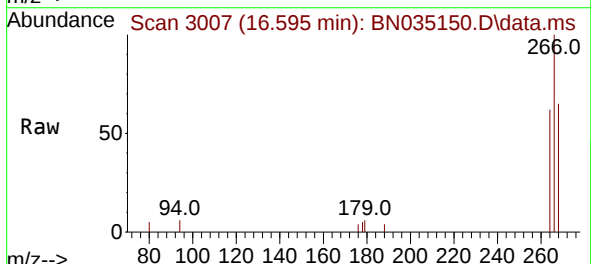
Instrument :
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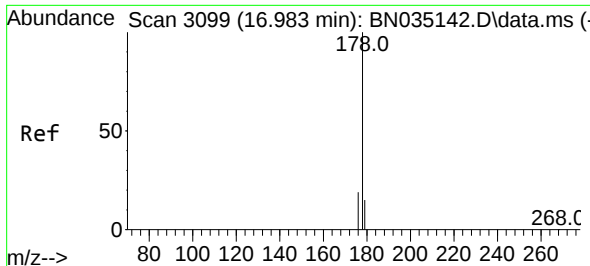
Tgt Ion:166 Resp: 7397
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.6 118.0
 167 13.9 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.757 ng/ul
 RT: 16.595 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BN035150.D
 Acq: 18 Nov 2024 16:21

Tgt Ion:266 Resp: 1971
 Ion Ratio Lower Upper
 266 100
 264 61.4 51.8 77.6
 268 63.6 51.3 76.9

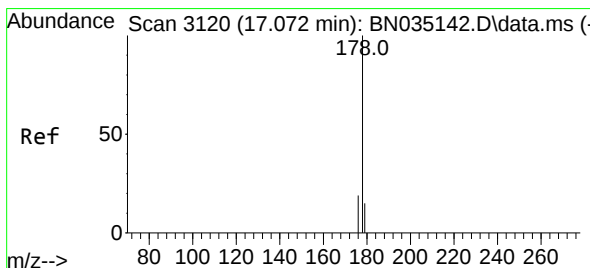
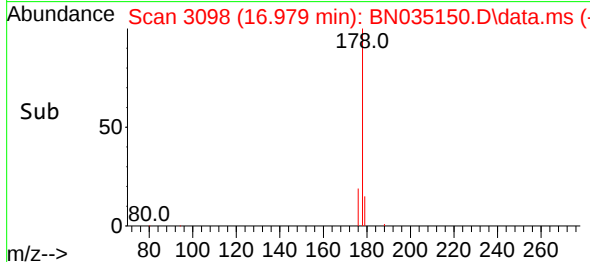
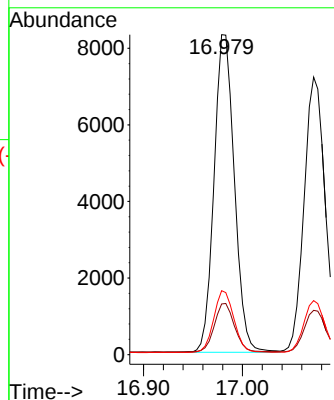
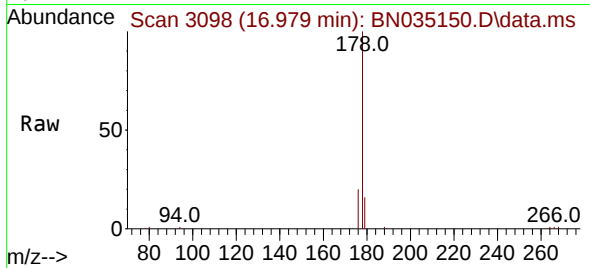




#15
Phenanthrene
Concen: 0.401 ng/u1
RT: 16.979 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

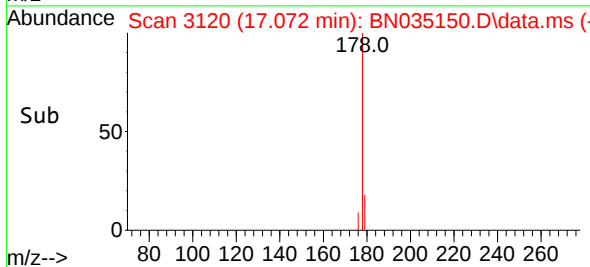
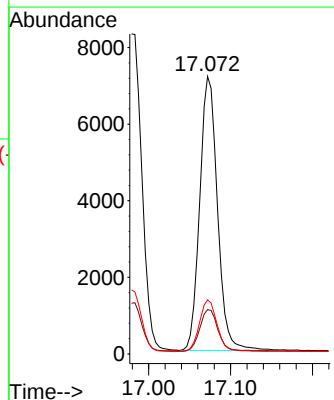
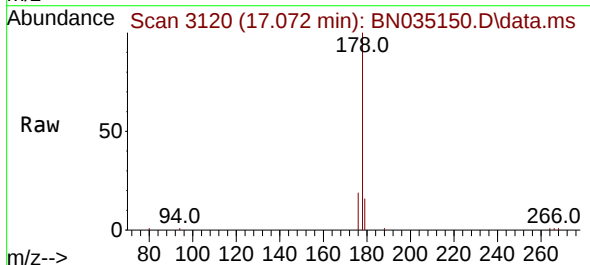
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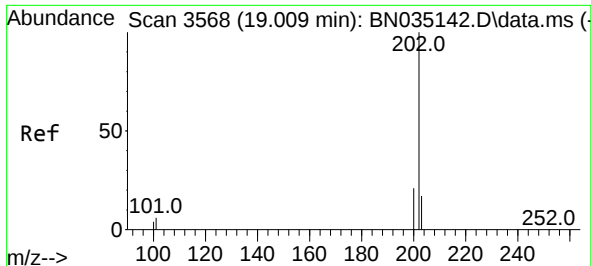
Tgt Ion:	178	Resp:	11832
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	20.0	15.6	23.4



#16
Anthracene
Concen: 0.392 ng/u1
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:	178	Resp:	10758
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	19.4	15.4	23.2

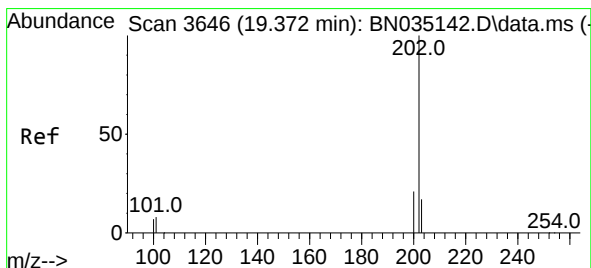
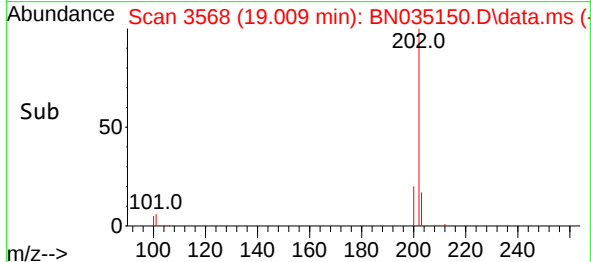
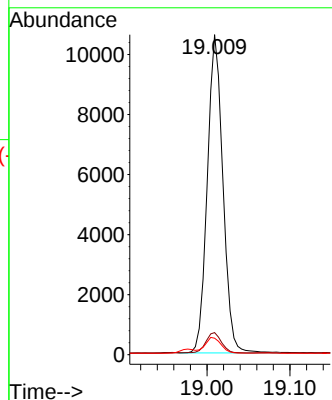
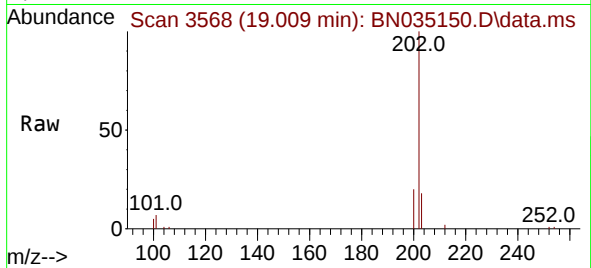




#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

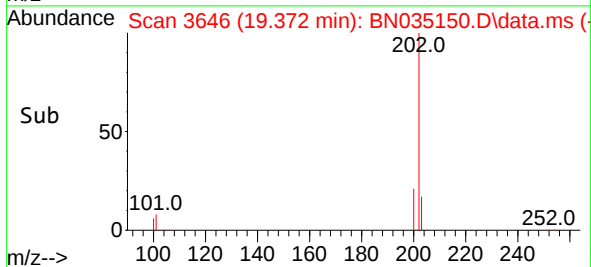
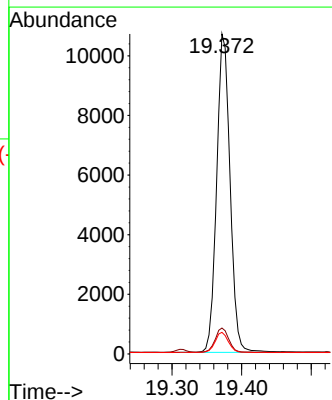
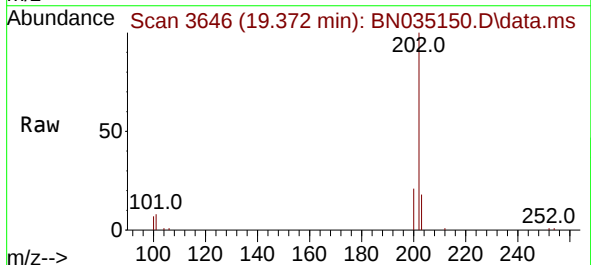
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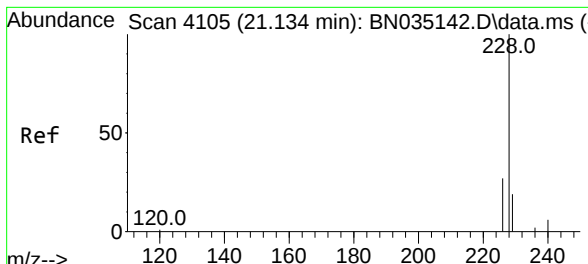
Tgt Ion:202 Resp: 13868
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.6
100 5.1 4.5 6.7



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:202 Resp: 14304
Ion Ratio Lower Upper
202 100
101 8.1 6.2 9.4
100 6.8 5.1 7.7





#21

Benzo(a)anthracene

Concen: 0.408 ng/ul

RT: 21.134 min Scan# 4105

Delta R.T. -0.006 min

Lab File: BN035150.D

Acq: 18 Nov 2024 16:21

Instrument :

BNA_N

ClientSampleId :

SLCS839

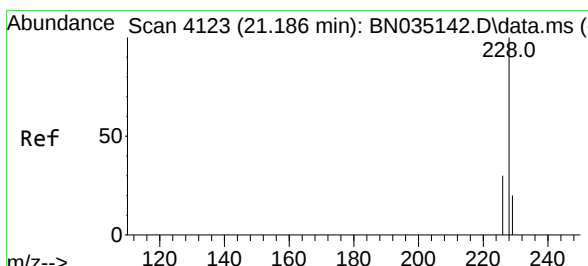
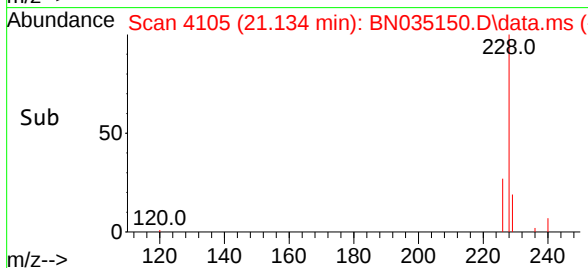
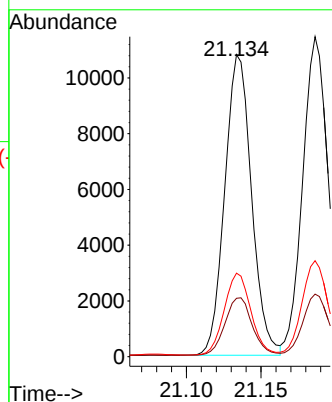
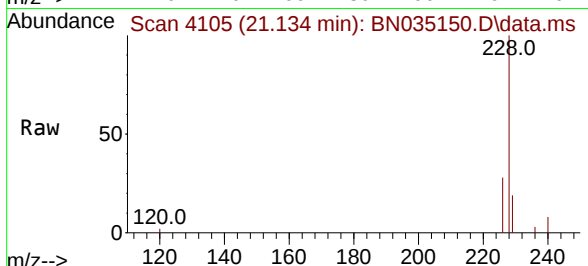
Tgt Ion:228 Resp: 13473

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.8

226 27.7 21.8 32.8



#22

Chrysene

Concen: 0.419 ng/ul

RT: 21.186 min Scan# 4123

Delta R.T. -0.003 min

Lab File: BN035150.D

Acq: 18 Nov 2024 16:21

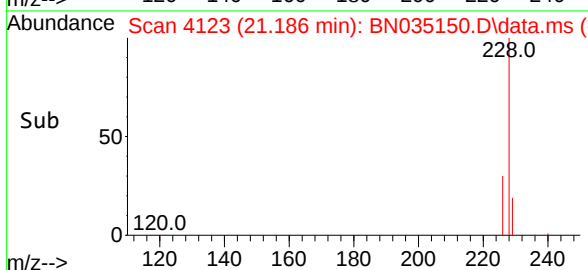
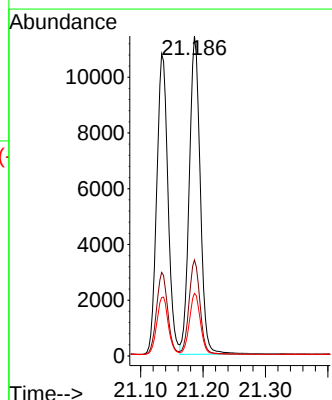
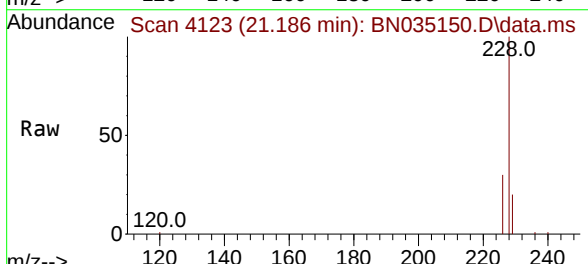
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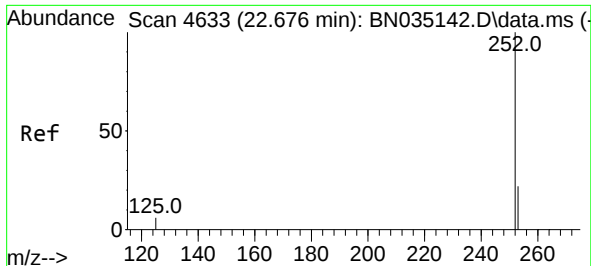
Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.5 16.0 24.0

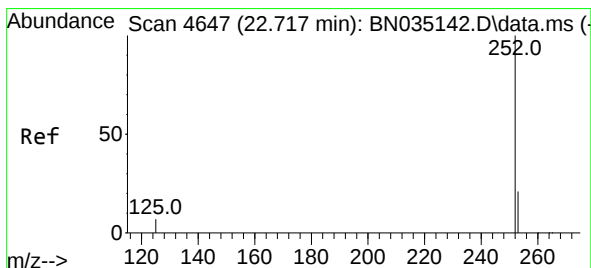
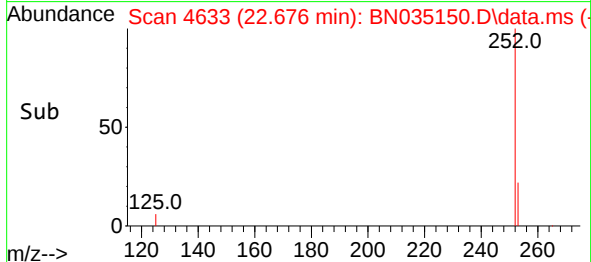
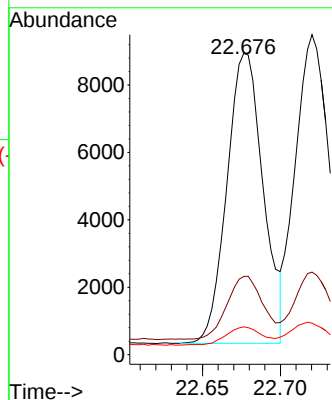
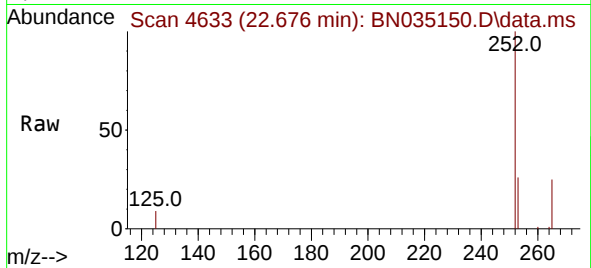




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 22.676 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

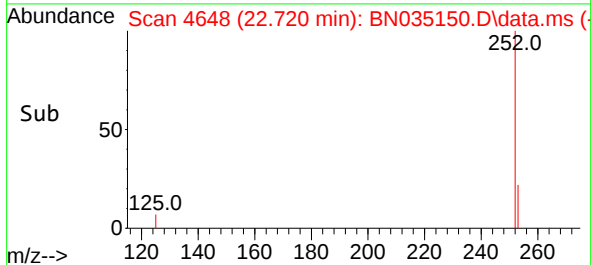
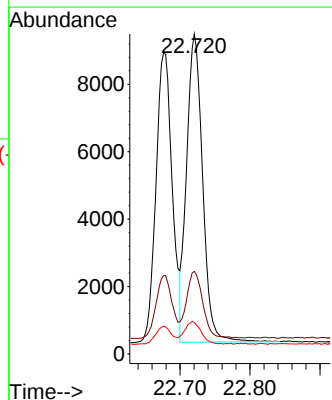
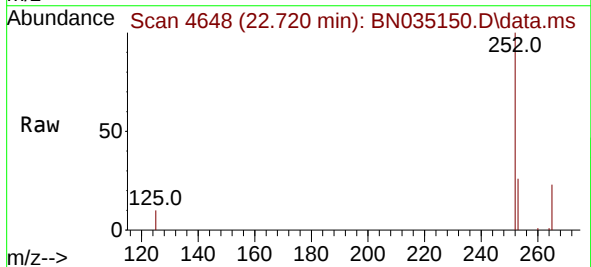
Instrument :
BNA_N
ClientSampleId :
SLCS839

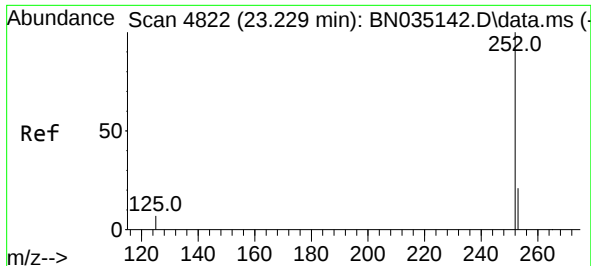
Tgt Ion:252 Resp: 13934
Ion Ratio Lower Upper
252 100
253 26.0 0.0 54.0
125 9.2 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 22.720 min Scan# 4648
Delta R.T. -0.003 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:252 Resp: 14505
Ion Ratio Lower Upper
252 100
253 25.8 21.8 32.6
125 9.8 8.6 12.8

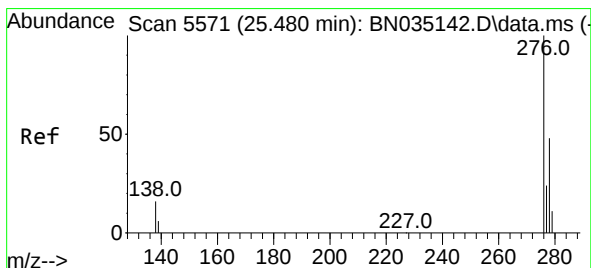
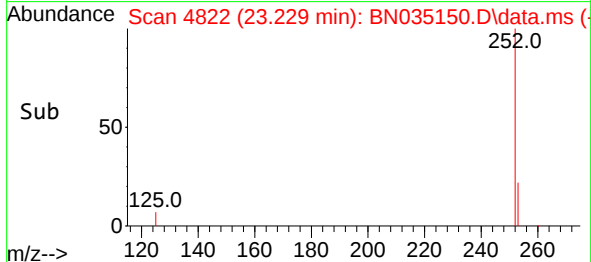
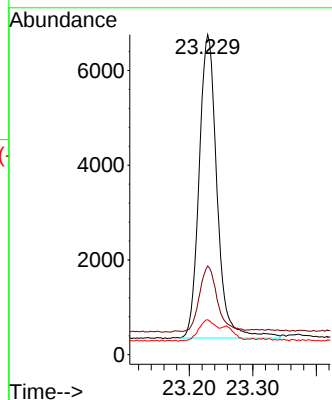
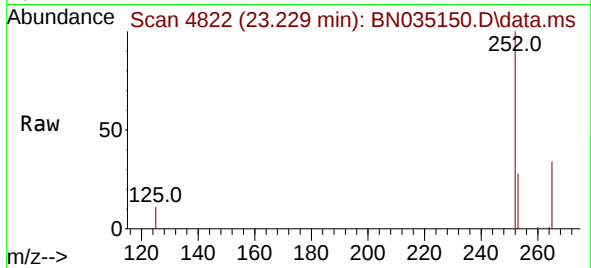




#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.229 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

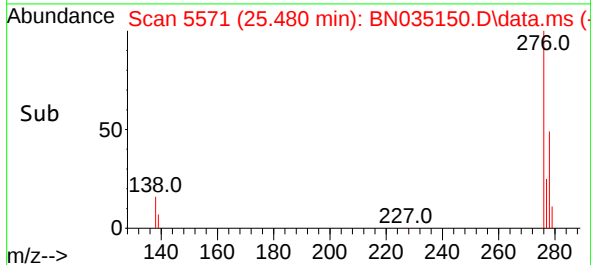
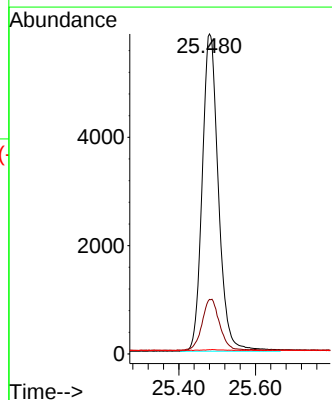
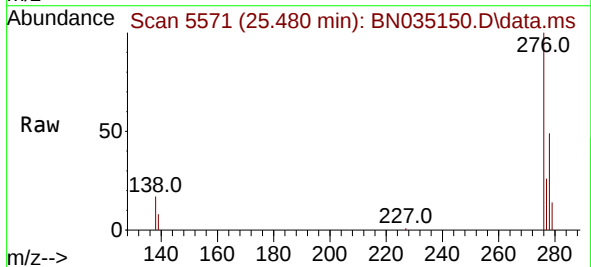
Instrument :
BNA_N
ClientSampleId :
SLCS839

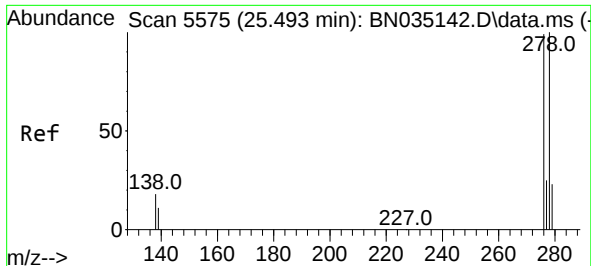
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.9	34.3
125	10.9	9.4	14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 25.480 min Scan# 5571
Delta R.T. -0.007 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.8
227	0.2	0.2	0.4

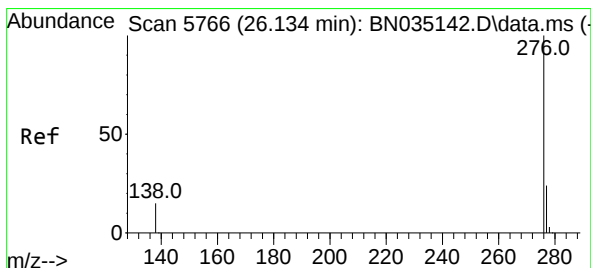
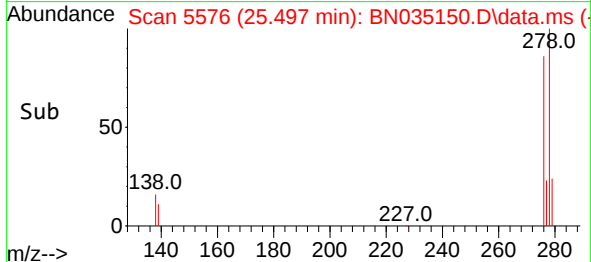
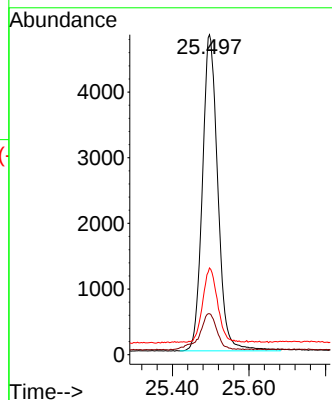
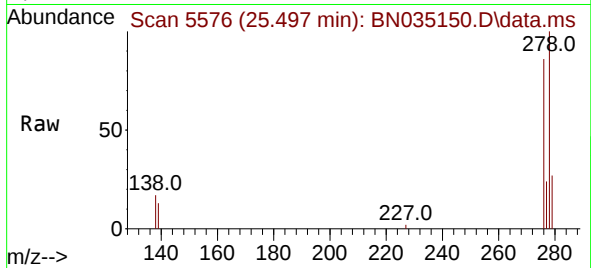




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.497 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Instrument :
BNA_N
ClientSampleId :
SLCS839

Tgt Ion:278 Resp: 13506
Ion Ratio Lower Upper
278 100
139 12.8 10.7 16.1
279 27.1 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.137 min Scan# 5767
Delta R.T. -0.004 min
Lab File: BN035150.D
Acq: 18 Nov 2024 16:21

Tgt Ion:276 Resp: 13485
Ion Ratio Lower Upper
276 100
138 16.4 13.0 19.6
277 25.5 20.5 30.7

