

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111824\
 Data File : BN035149.D
 Acq On : 18 Nov 2024 15:45
 Operator : RC/JU
 Sample : PB164837BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS837

Quant Time: Nov 18 16:25:54 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)

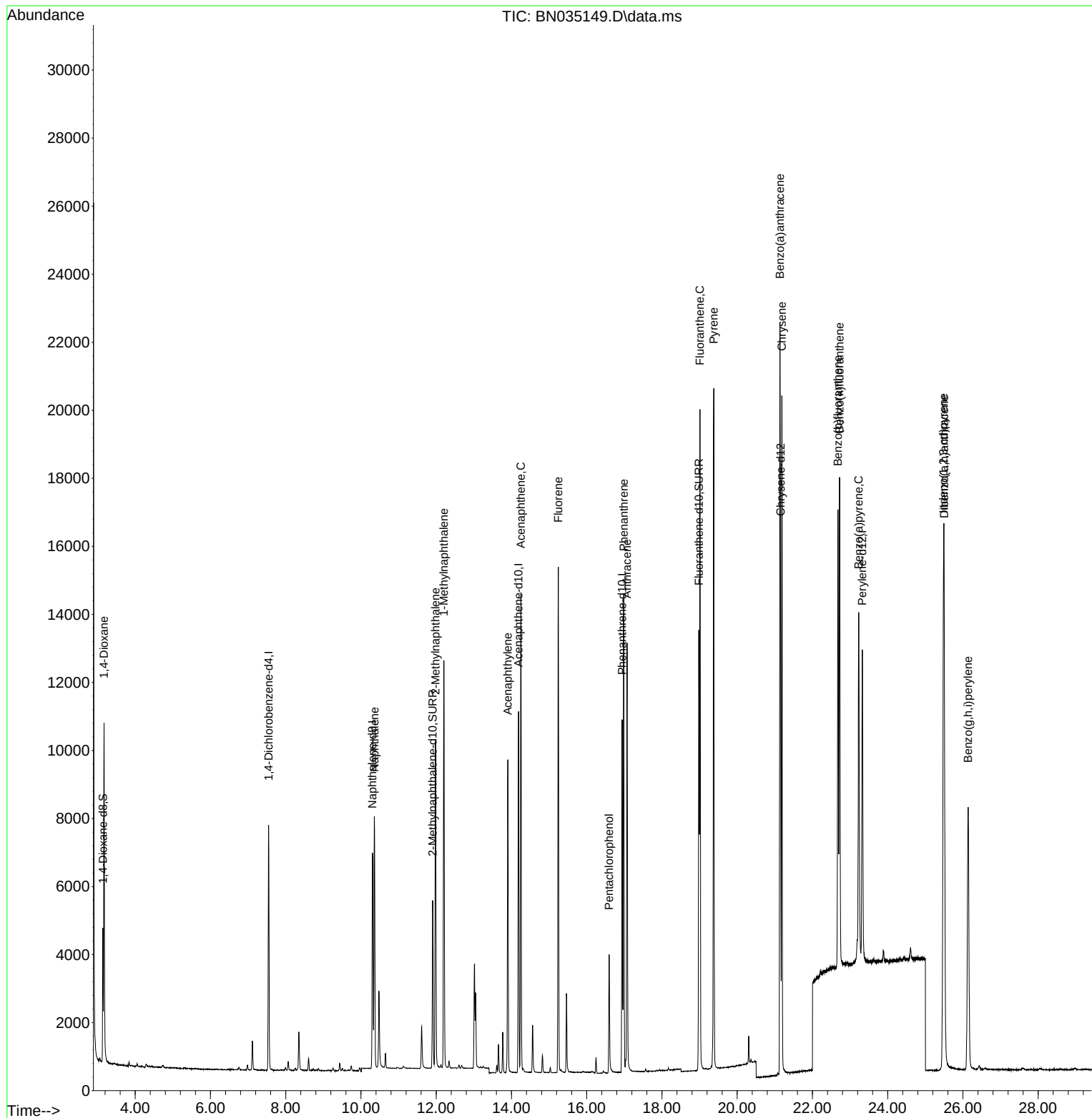
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	3566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	8795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.189	164	5827	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	12283	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	10489	0.400	ng/ul	0.00
23) Perylene-d12	23.325	264	11098	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2739	0.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	6451	0.501	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	14793	0.511	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	7402	2.092	ng/ul#	94
5) Naphthalene	10.355	128	9828	0.444	ng/ul	99
7) 2-Methylnaphthalene	11.983	142	6846	0.446	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	7937	0.512	ng/ul	99
10) Acenaphthylene	13.902	152	10184	0.441	ng/ul	100
11) Acenaphthene	14.249	153	7837	0.443	ng/ul	98
12) Fluorene	15.244	166	9053	0.436	ng/ul	99
14) Pentachlorophenol	16.595	266	2411	0.843	ng/ul	99
15) Phenanthrene	16.983	178	14469	0.446	ng/ul	99
16) Anthracene	17.072	178	13217	0.439	ng/ul	99
19) Fluoranthene	19.009	202	16859	0.462	ng/ul	100
20) Pyrene	19.376	202	17415	0.458	ng/ul	99
21) Benzo(a)anthracene	21.137	228	16439	0.452	ng/ul	100
22) Chrysene	21.186	228	16917	0.462	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	16856	0.459	ng/ul	97
25) Benzo(k)fluoranthene	22.720	252	17755	0.469	ng/ul	96
26) Benzo(a)pyrene	23.229	252	15364	0.458	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.483	276	20763	0.459	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.500	278	16256	0.458	ng/ul	97
29) Benzo(g,h,i)perylene	26.137	276	16242	0.455	ng/ul	98

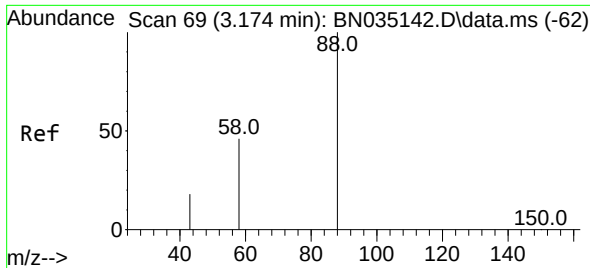
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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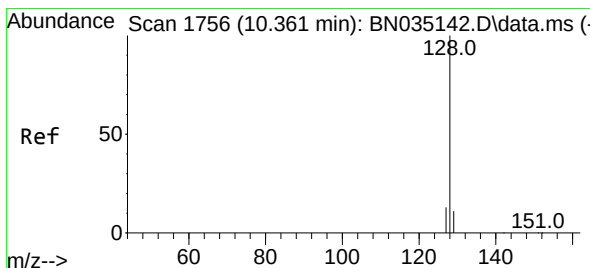
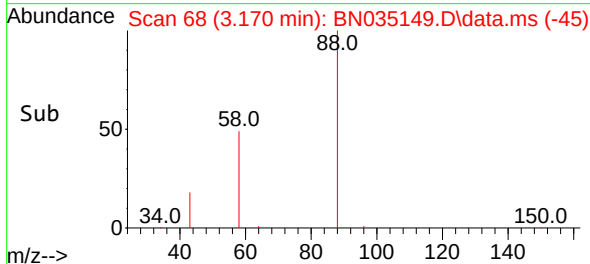
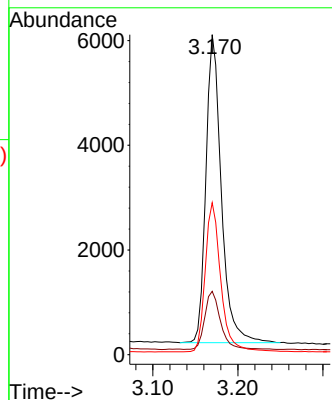
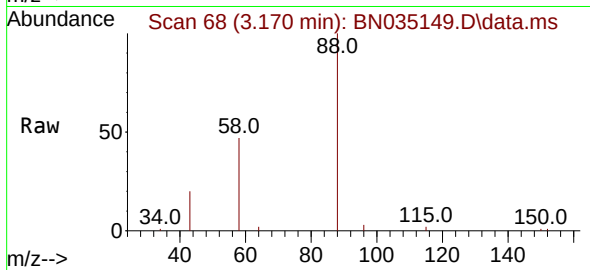




#2
1,4-Dioxane
Concen: 2.092 ng/ul
RT: 3.170 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

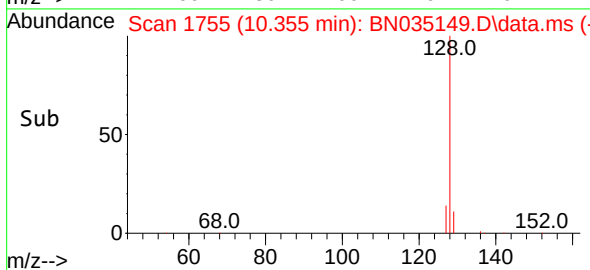
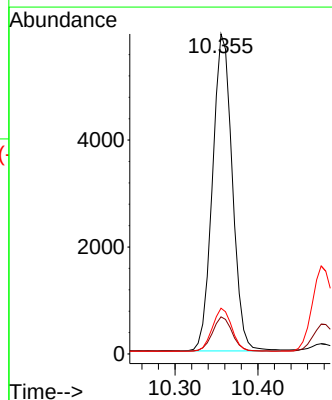
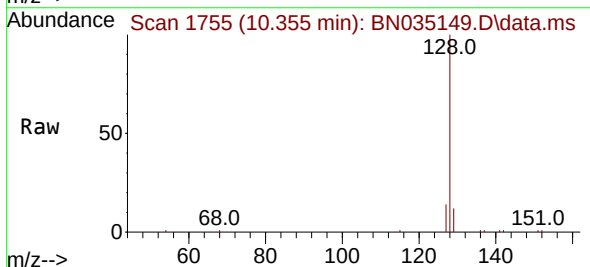
Instrument :
BNA_N
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SLCS837

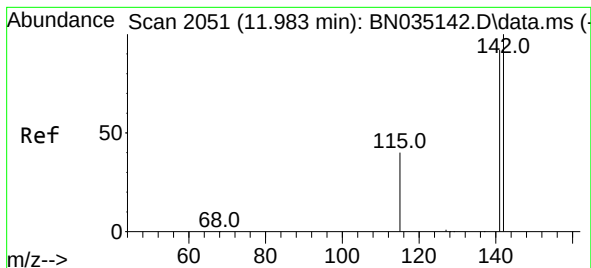
Tgt Ion: 88 Resp: 7402
Ion Ratio Lower Upper
88 100
43 19.8 20.6 31.0#
58 47.5 36.2 54.4



#5
Naphthalene
Concen: 0.444 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion: 128 Resp: 9828
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 14.3 11.4 17.2

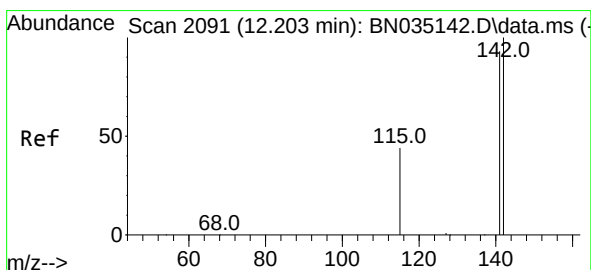
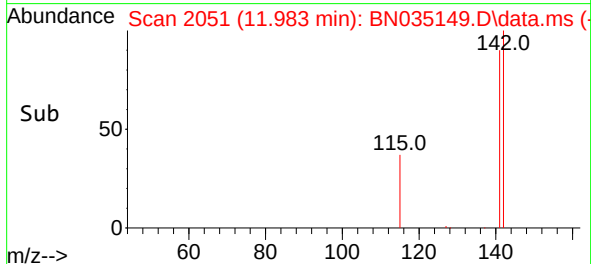
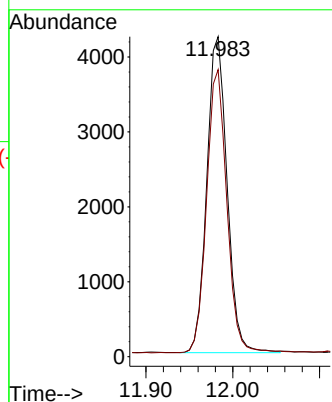
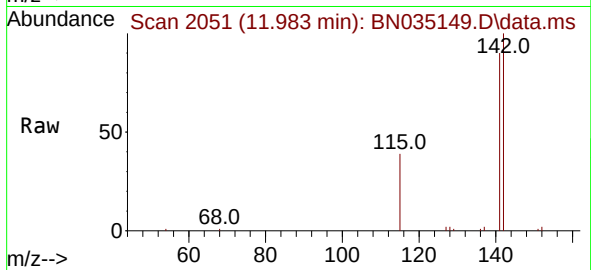




#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

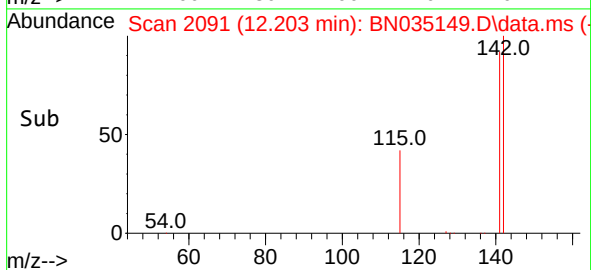
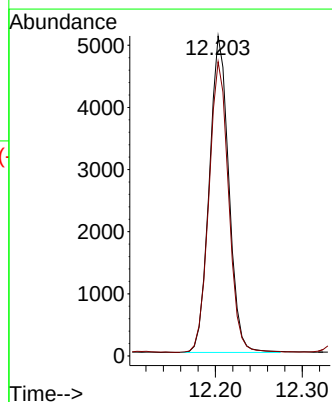
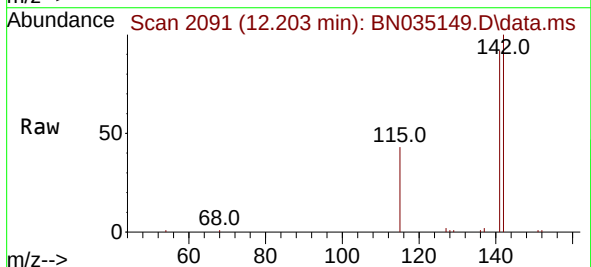
Instrument :
BNA_N
ClientSampleId :
SLCS837

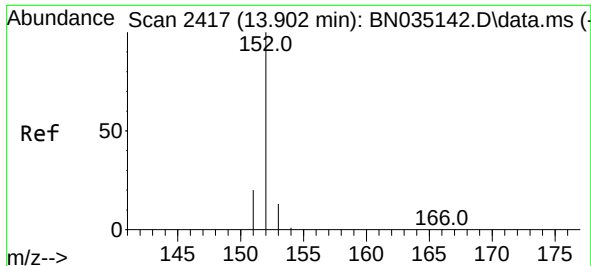
Tgt Ion:142 Resp: 6846
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.512 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:142 Resp: 7937
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7

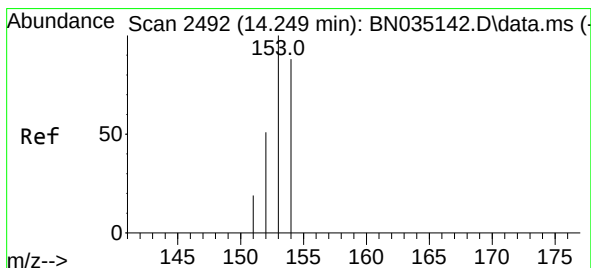
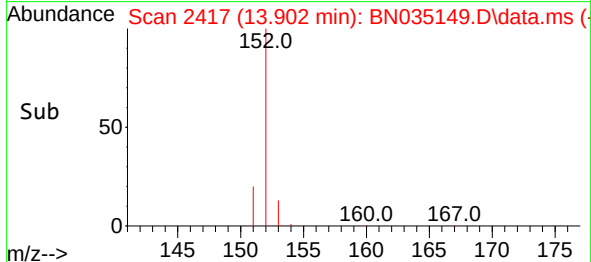
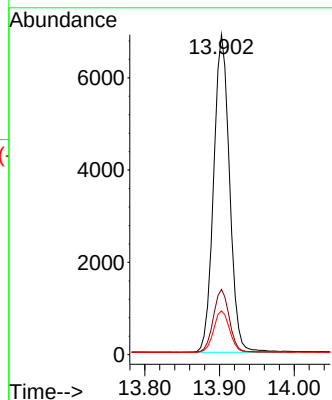
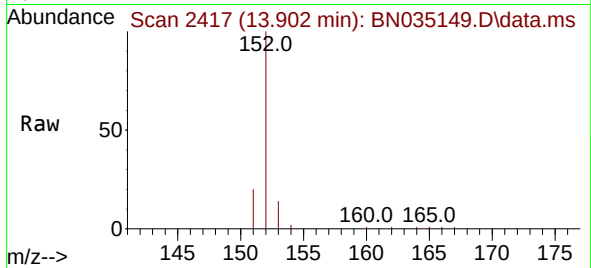




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 13.902 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

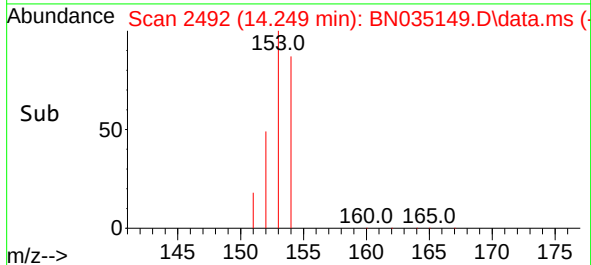
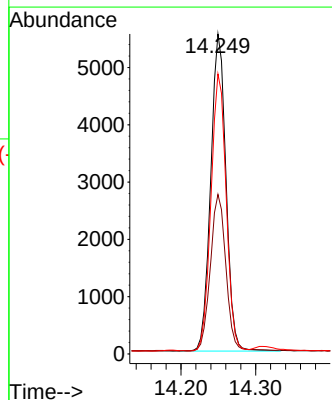
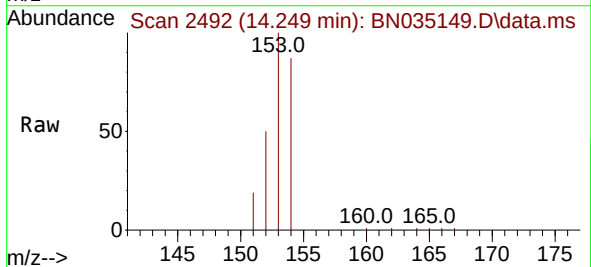
Instrument :
BNA_N
ClientSampleId :
SLCS837

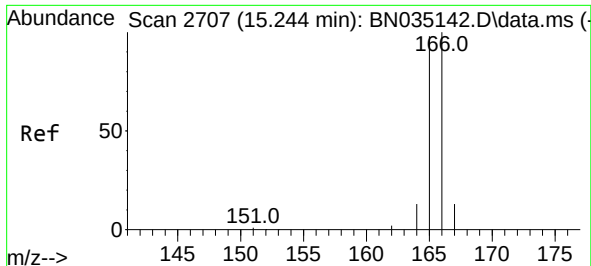
Tgt Ion:152 Resp: 10184
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.443 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:153 Resp: 7837
Ion Ratio Lower Upper
153 100
152 49.9 41.4 62.0
154 87.5 71.2 106.8

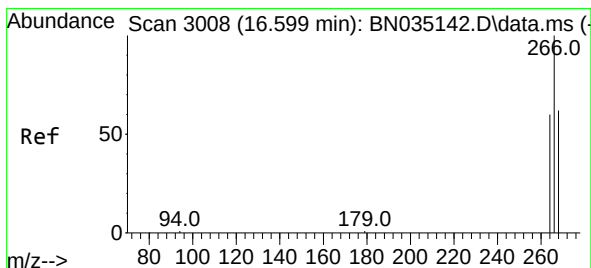
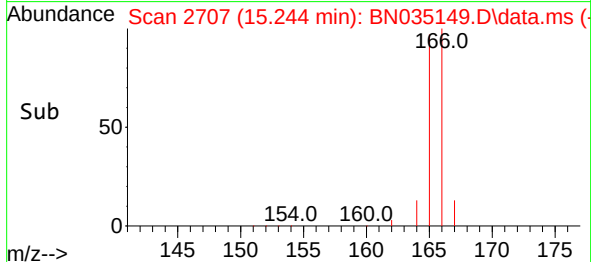
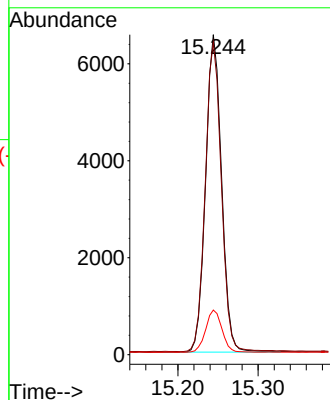
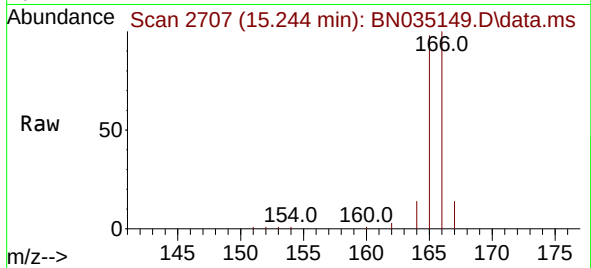




#12
 Fluorene
 Concen: 0.436 ng/ul
 RT: 15.244 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035149.D
 Acq: 18 Nov 2024 15:45

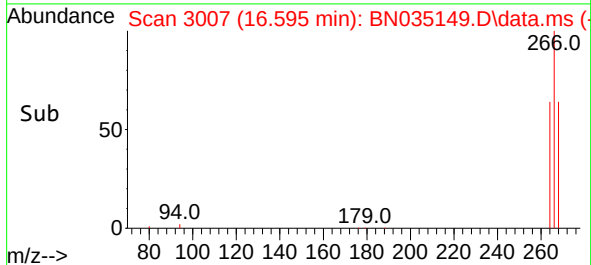
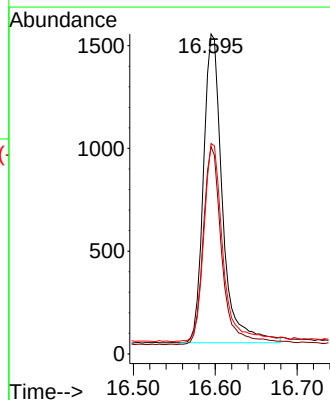
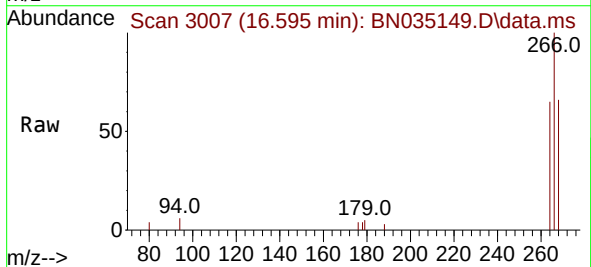
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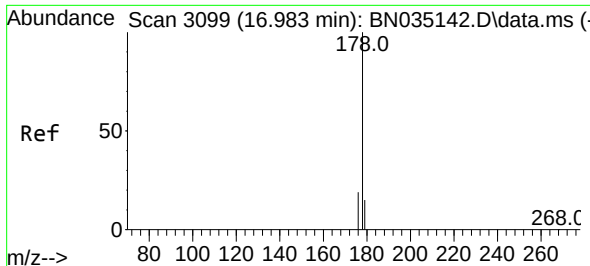
Tgt Ion:	166	Resp:	9053
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	118.0
167	14.0	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.843 ng/ul
 RT: 16.595 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BN035149.D
 Acq: 18 Nov 2024 15:45

Tgt Ion:	266	Resp:	2411
Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.8	77.6
268	65.0	51.3	76.9

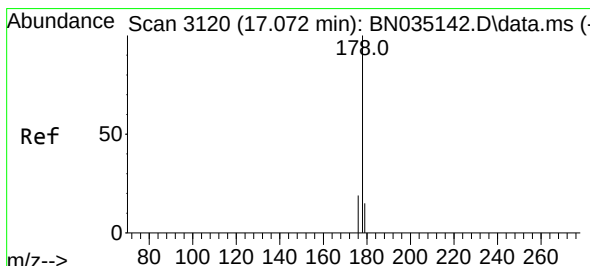
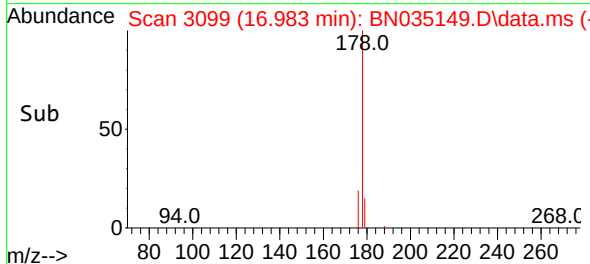
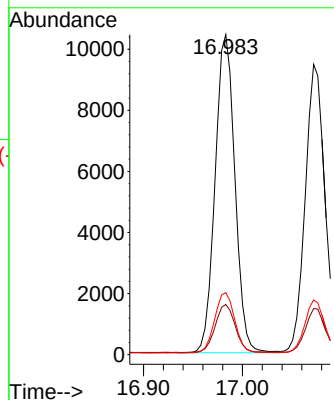
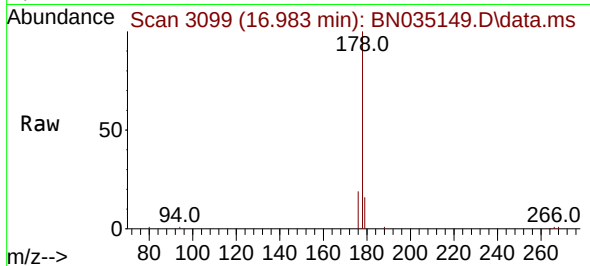




#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

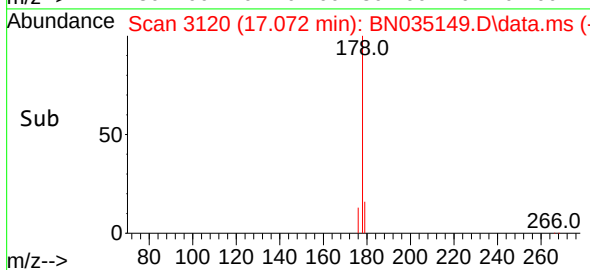
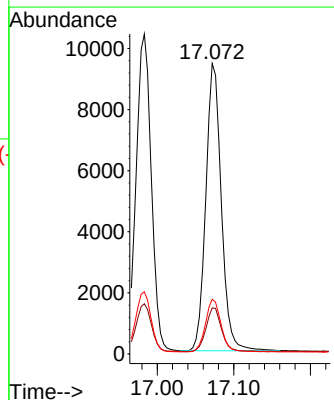
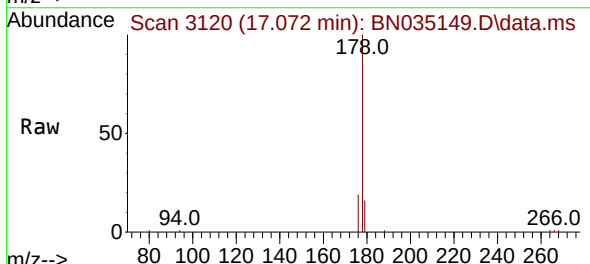
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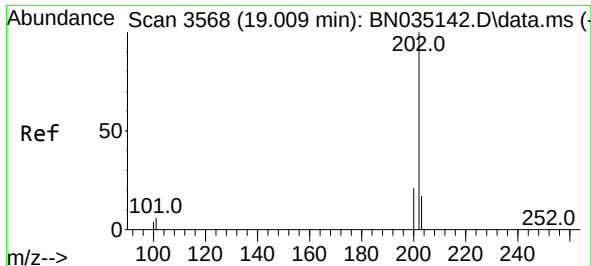
Tgt Ion:178	Resp:	14469
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.9 19.3
176	19.4	15.6 23.4



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:178	Resp:	13217
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	18.8	15.4 23.2

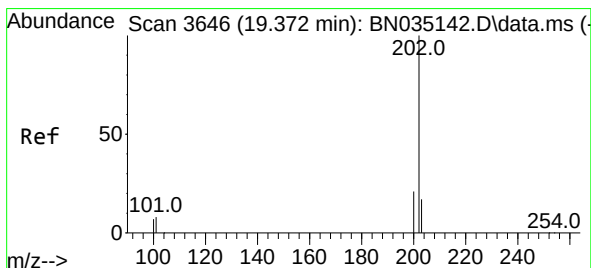
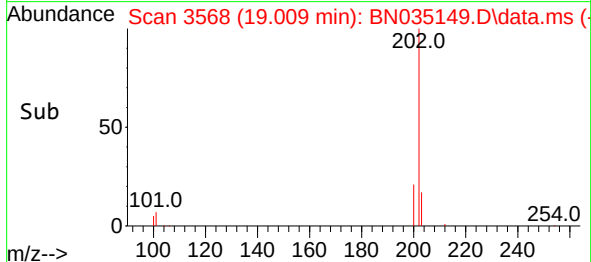
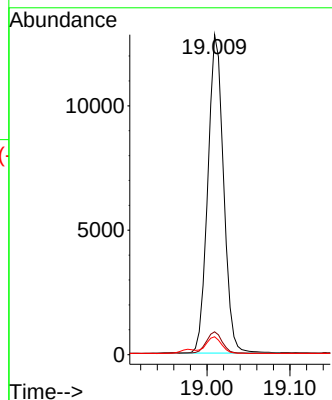
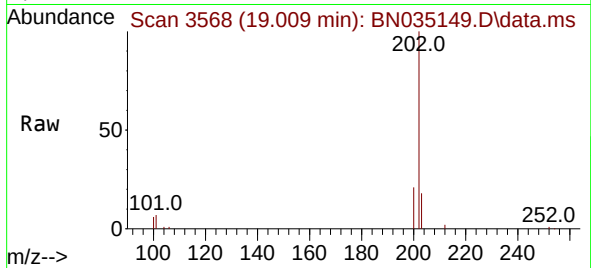




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

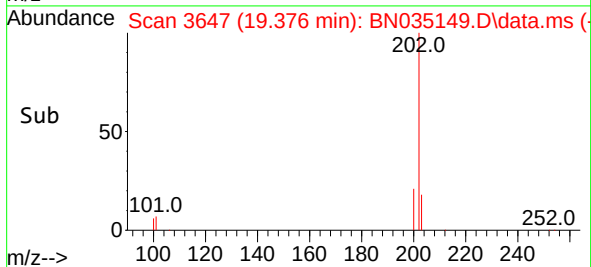
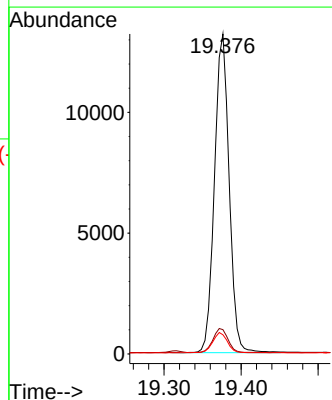
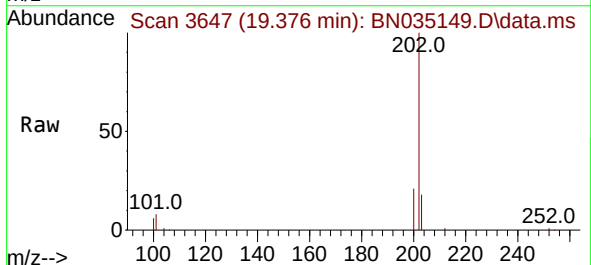
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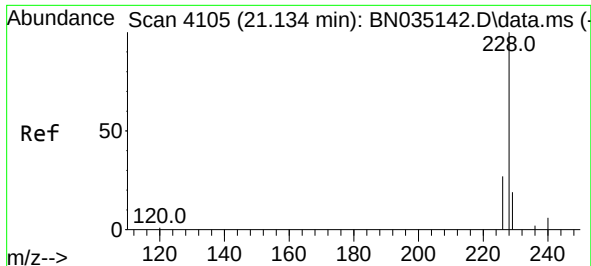
Tgt Ion:202 Resp: 16859
Ion Ratio Lower Upper
202 100
101 7.2 5.8 8.6
100 5.6 4.5 6.7



#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:202 Resp: 17415
Ion Ratio Lower Upper
202 100
101 7.6 6.2 9.4
100 6.0 5.1 7.7

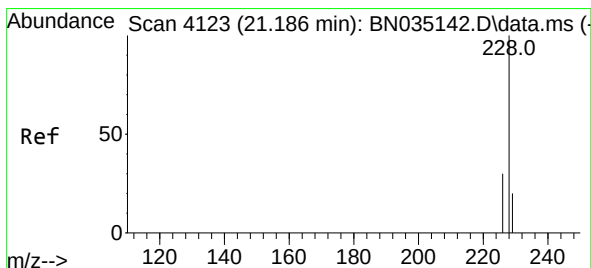
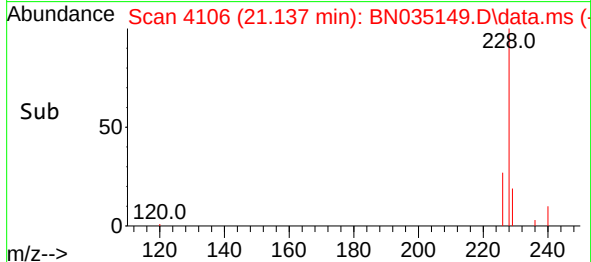
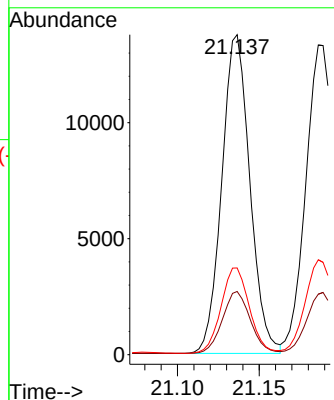
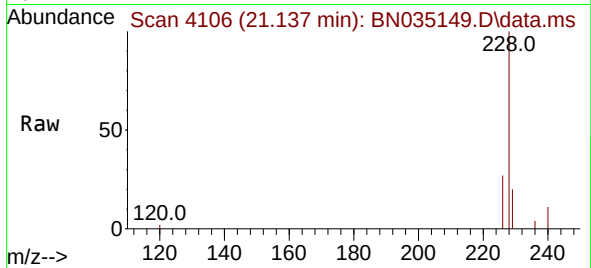




#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.137 min Scan# 4106
Delta R.T. -0.003 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

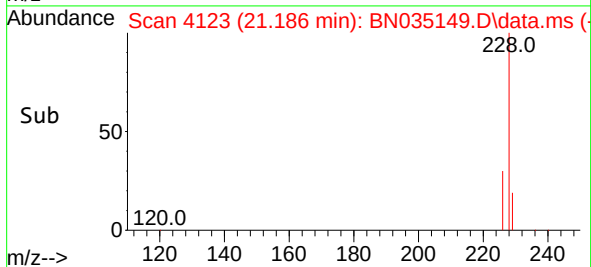
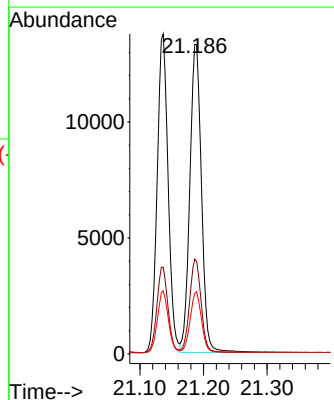
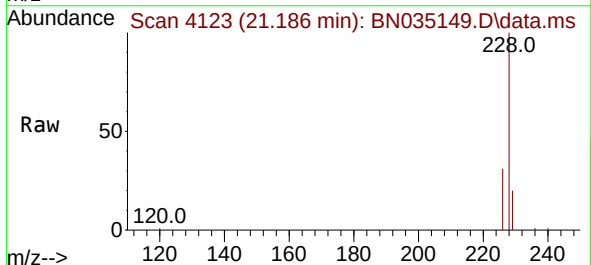
Instrument :
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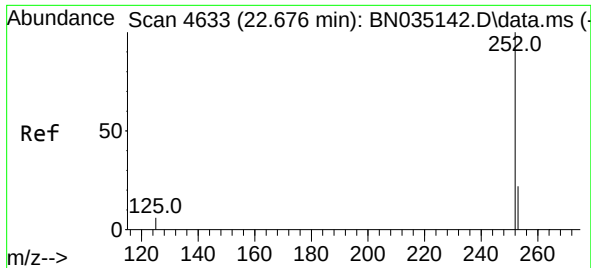
Tgt Ion:228 Resp: 16439
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.1 21.8 32.8



#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:228 Resp: 16917
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.5 16.0 24.0

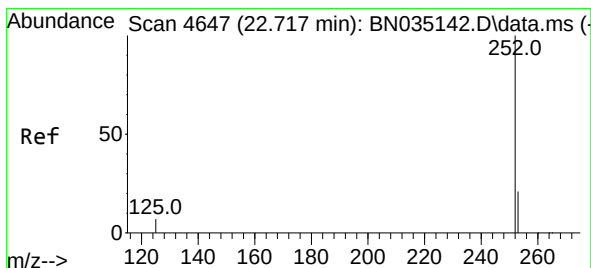
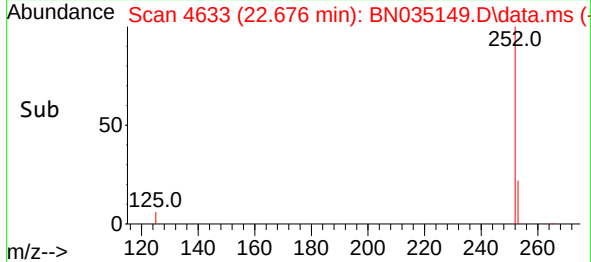
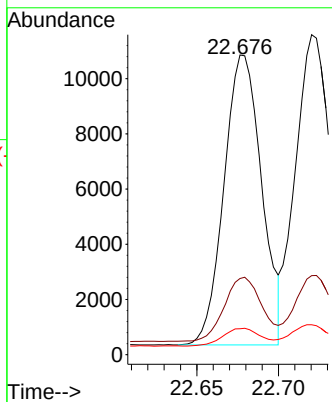
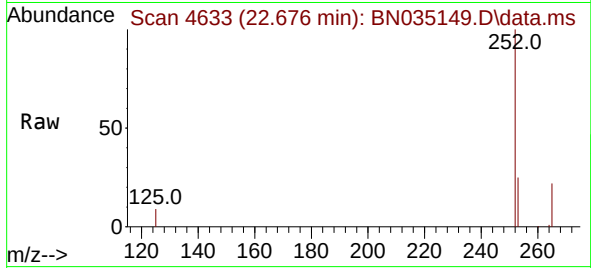




#24
Benzo(b)fluoranthene
Concen: 0.459 ng/ul
RT: 22.676 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

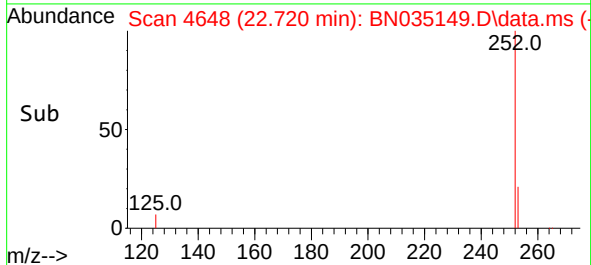
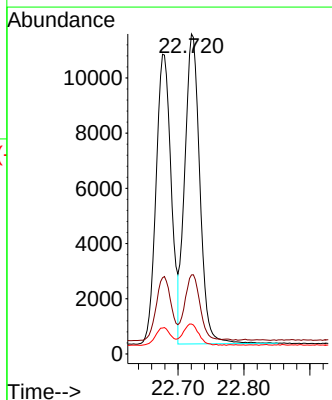
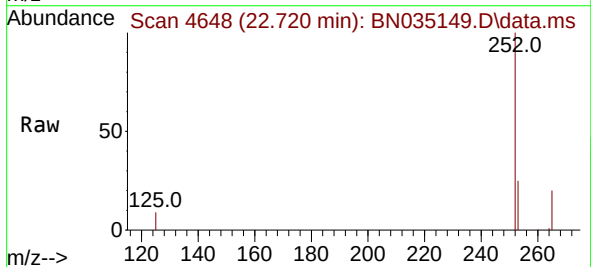
Instrument :
BNA_N
ClientSampleId :
SLCS837

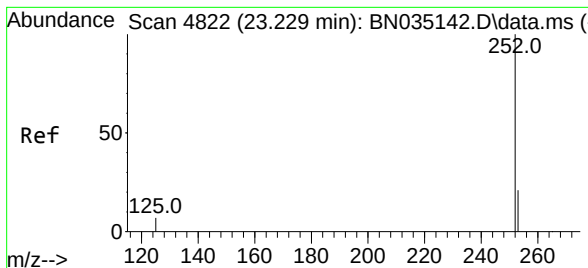
Tgt Ion:252 Resp: 16856
Ion Ratio Lower Upper
252 100
253 25.4 0.0 54.0
125 8.7 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.469 ng/ul
RT: 22.720 min Scan# 4648
Delta R.T. -0.003 min
Lab File: BN035149.D
Acq: 18 Nov 2024 15:45

Tgt Ion:252 Resp: 17755
Ion Ratio Lower Upper
252 100
253 24.7 21.8 32.6
125 9.4 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.458 ng/ul

RT: 23.229 min Scan# 4822

Delta R.T. -0.003 min

Lab File: BN035149.D

Acq: 18 Nov 2024 15:45

Instrument :

BNA_N

ClientSampleId :

SLCS837

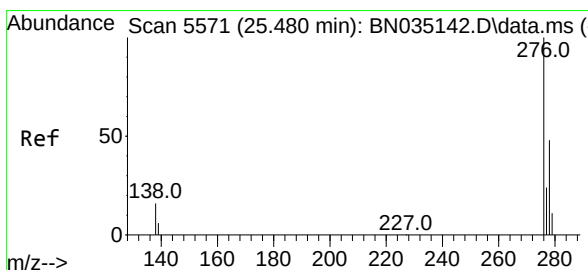
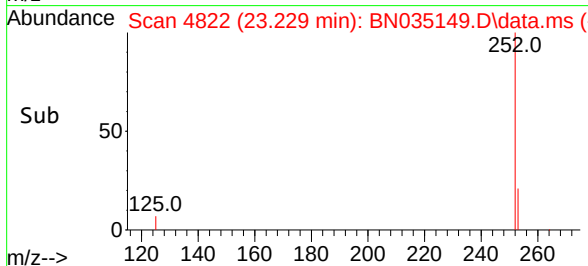
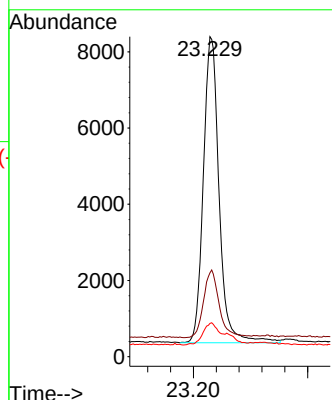
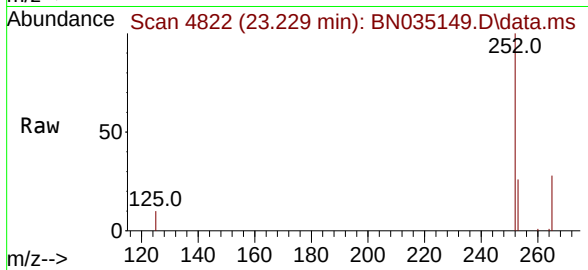
Tgt Ion:252 Resp: 15364

Ion Ratio Lower Upper

252 100

253 26.2 22.9 34.3

125 10.4 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.459 ng/ul

RT: 25.483 min Scan# 5572

Delta R.T. -0.004 min

Lab File: BN035149.D

Acq: 18 Nov 2024 15:45

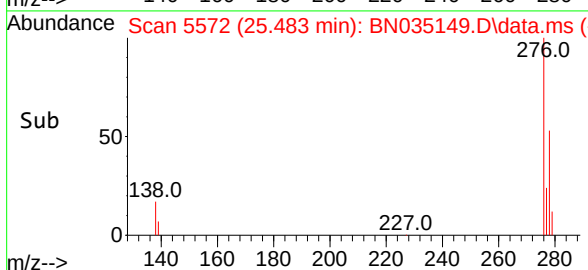
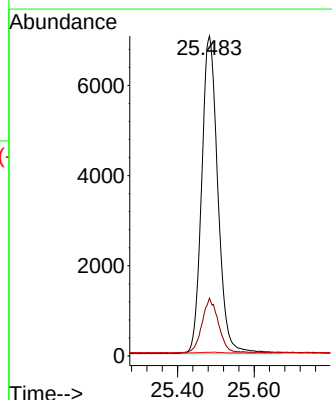
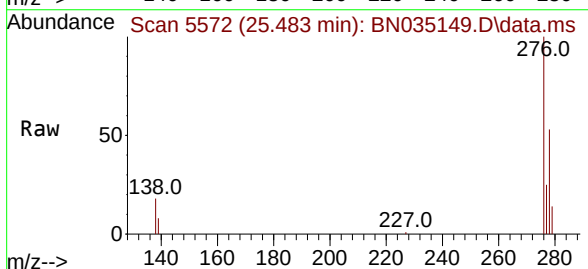
Tgt Ion:276 Resp: 20763

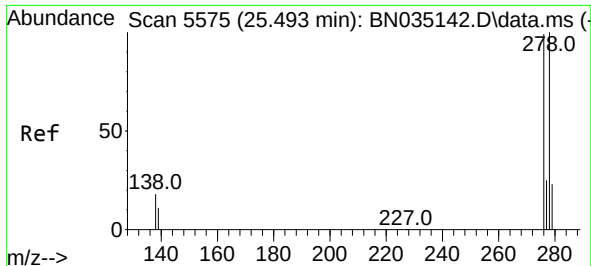
Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.8

227 0.1 0.2 0.4

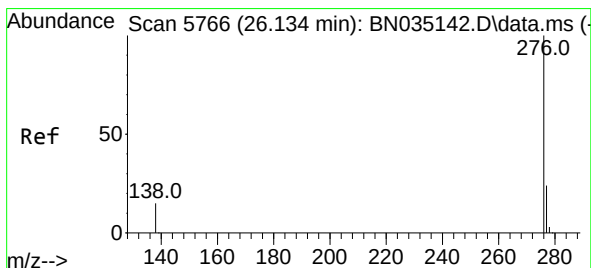
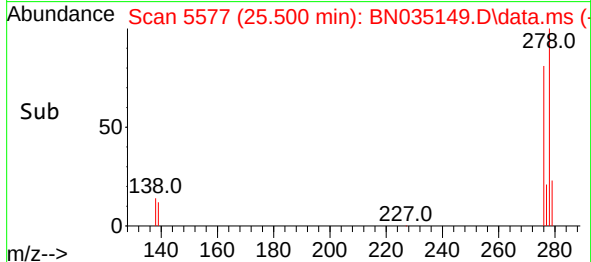
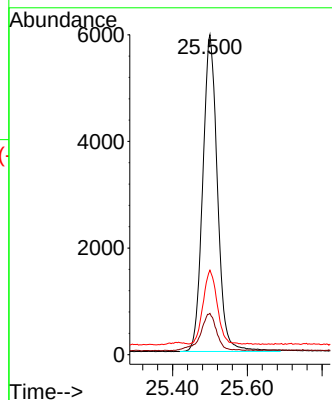
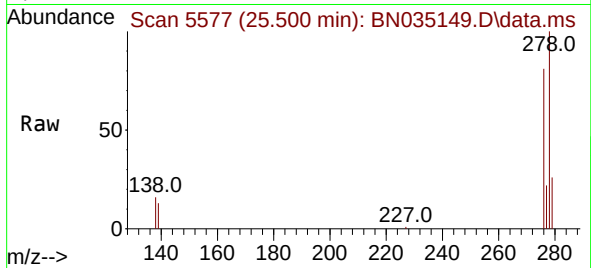




#28
 Dibenzo(a,h)anthracene
 Concen: 0.458 ng/ul
 RT: 25.500 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN035149.D
 Acq: 18 Nov 2024 15:45

Instrument :
 BNA_N
 ClientSampleId :
 SLCS837

Tgt Ion:278 Resp: 16256
 Ion Ratio Lower Upper
 278 100
 139 12.9 10.7 16.1
 279 26.4 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.455 ng/ul
 RT: 26.137 min Scan# 5767
 Delta R.T. -0.004 min
 Lab File: BN035149.D
 Acq: 18 Nov 2024 15:45

Tgt Ion:276 Resp: 16242
 Ion Ratio Lower Upper
 276 100
 138 15.5 13.0 19.6
 277 24.8 20.5 30.7

