

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034974.D
 Acq On : 10 Nov 2024 11:33
 Operator : RC/JU
 Sample : PB164816BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS816

Quant Time: Nov 10 21:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

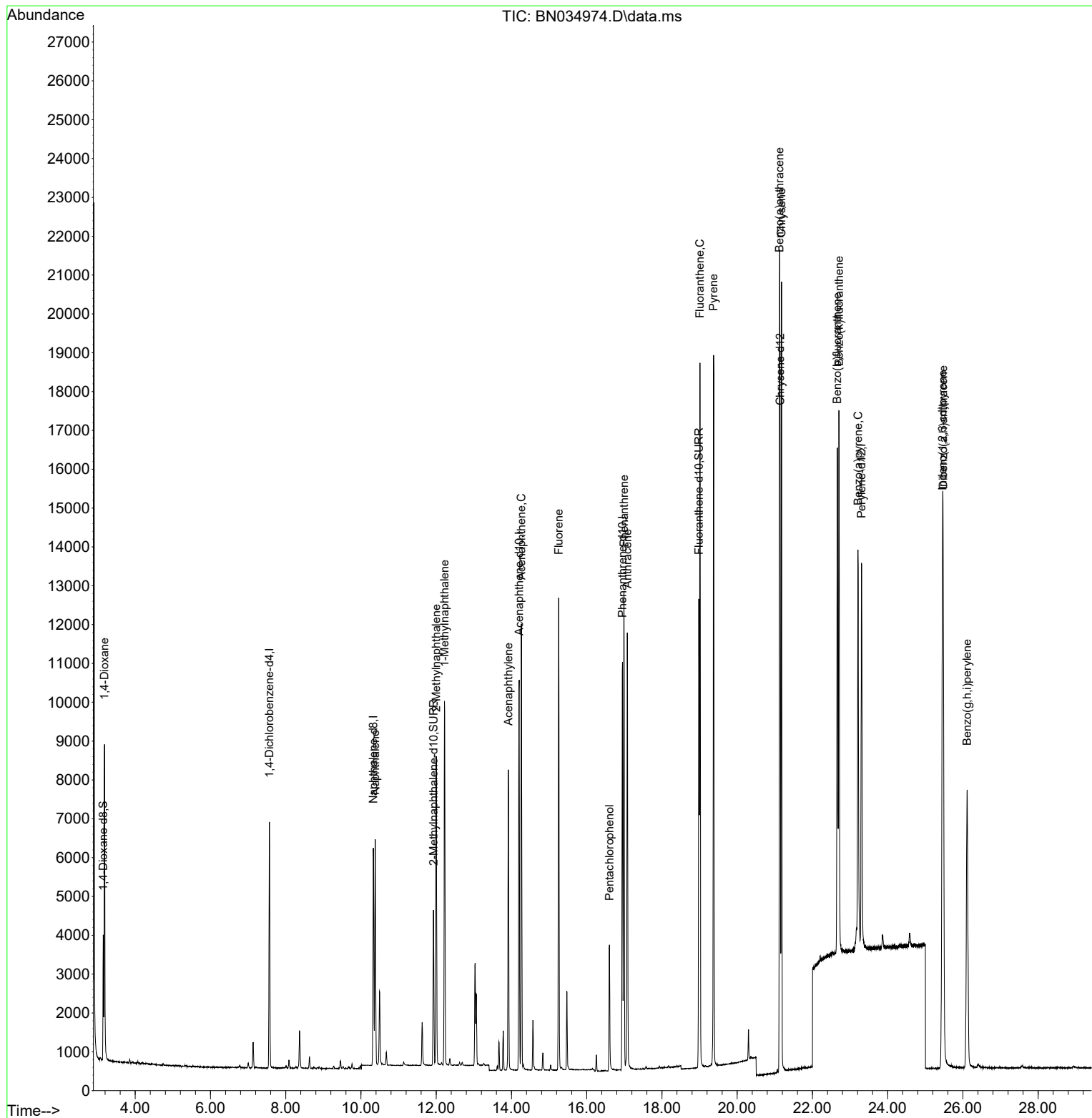
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	3158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	7625	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.203	164	5514	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	12666	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	11677	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	12225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	2177	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	5103	0.437	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	13739	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	5866	1.781	ng/ul#	91
5) Naphthalene	10.377	128	7489	0.392	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	5398	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.225	142	6257	0.438	ng/ul	99
10) Acenaphthylene	13.916	152	8421	0.374	ng/ul	100
11) Acenaphthene	14.263	153	6403	0.375	ng/ul	99
12) Fluorene	15.258	166	7694	0.354	ng/ul	100
14) Pentachlorophenol	16.603	266	2194	0.749	ng/ul	97
15) Phenanthrene	16.992	178	12979	0.383	ng/ul	99
16) Anthracene	17.080	178	11882	0.374	ng/ul	99
19) Fluoranthene	19.009	202	15781	0.404	ng/ul#	96
20) Pyrene	19.372	202	16218	0.401	ng/ul#	96
21) Benzo(a)anthracene	21.125	228	16005	0.378	ng/ul	99
22) Chrysene	21.177	228	16378	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	16054	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.706	252	17218	0.383	ng/ul	99
26) Benzo(a)pyrene	23.211	252	14708	0.383	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.456	276	19411	0.413	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.473	278	15364	0.420	ng/ul	98
29) Benzo(g,h,i)perylene	26.110	276	14995	0.418	ng/ul	98

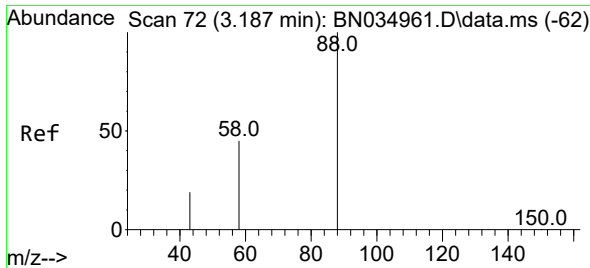
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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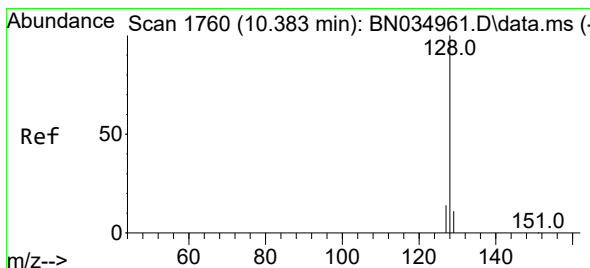
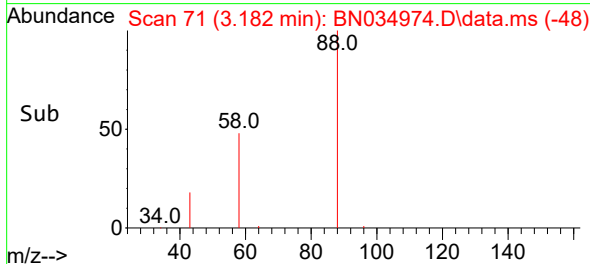
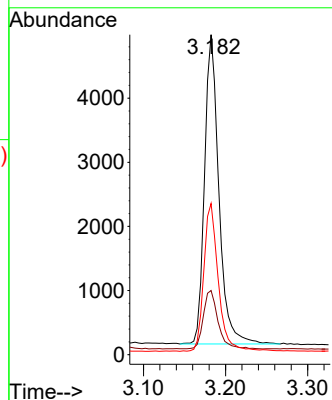
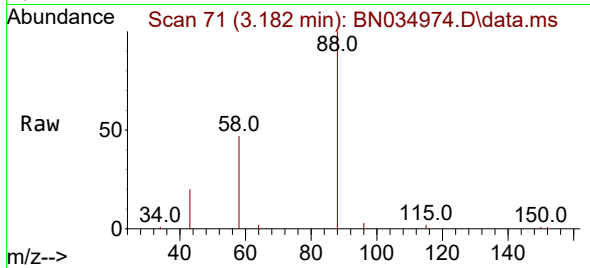




#2
1,4-Dioxane
Concen: 1.781 ng/ul
RT: 3.182 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

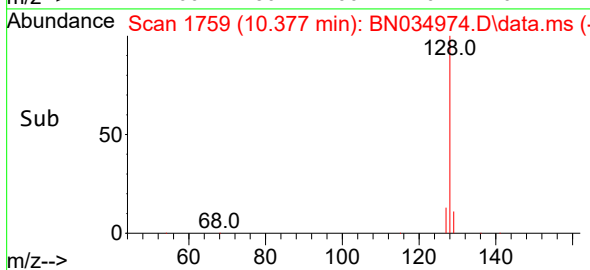
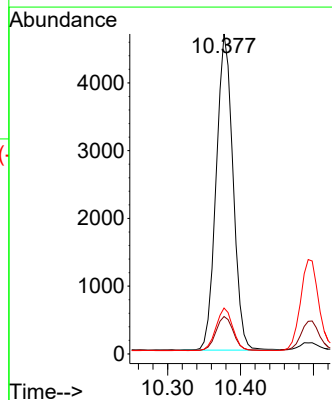
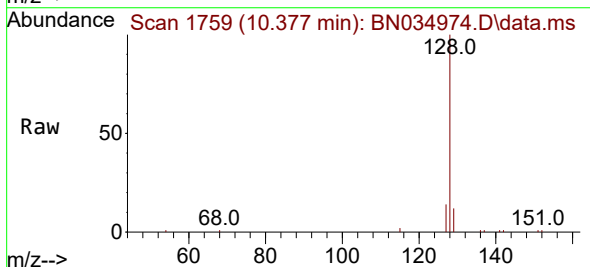
Instrument :
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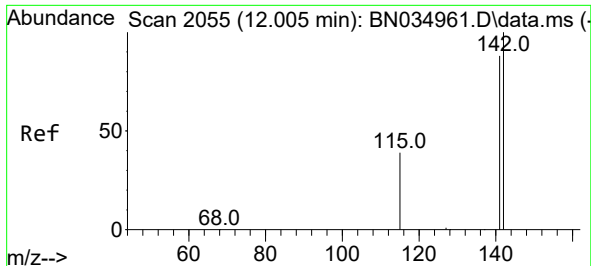
Tgt Ion: 88 Resp: 5866
Ion Ratio Lower Upper
88 100
43 20.1 23.3 34.9#
58 47.2 35.4 53.2



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion: 128 Resp: 7489
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 14.3 12.1 18.1

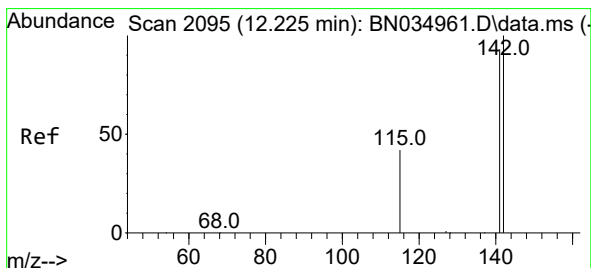
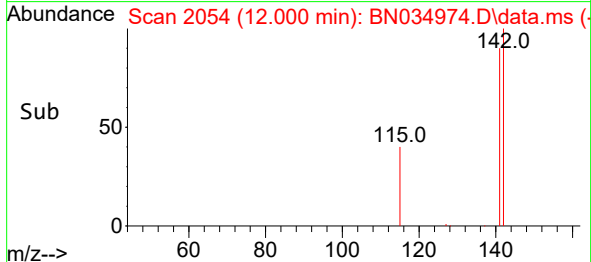
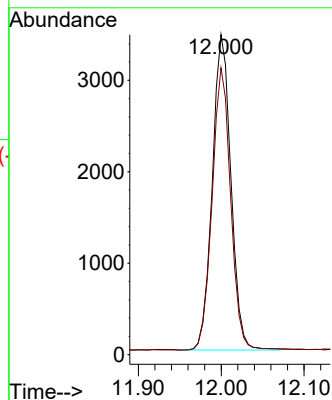
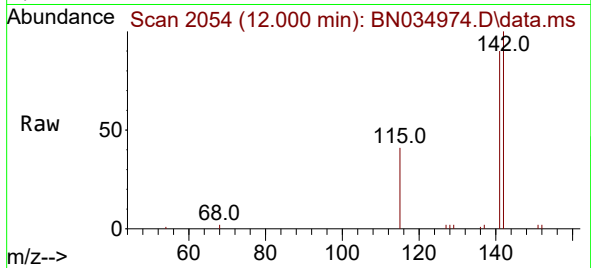




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

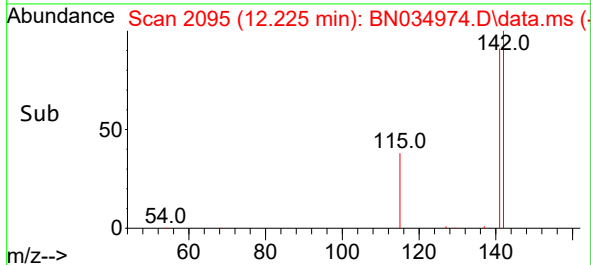
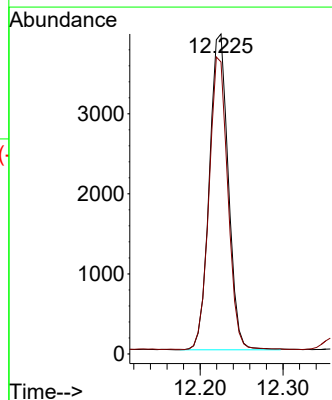
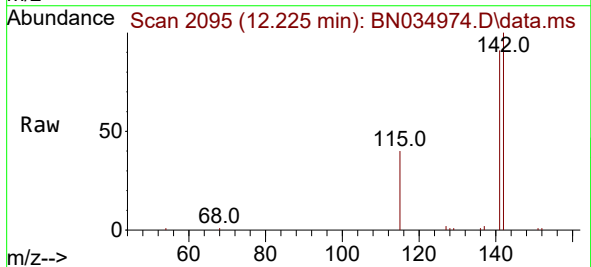
Instrument :
BNA_N
ClientSampleId :
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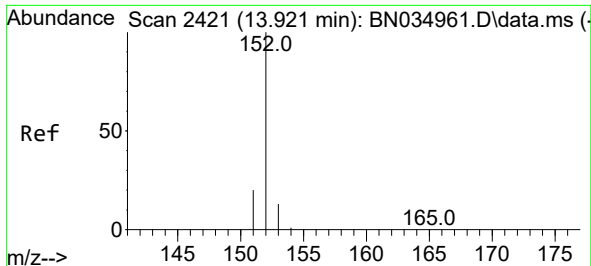
Tgt Ion:142 Resp: 5398
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:142 Resp: 6257
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8

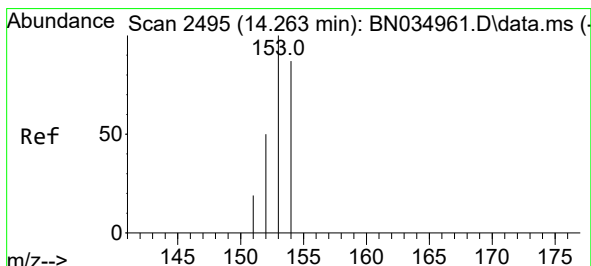
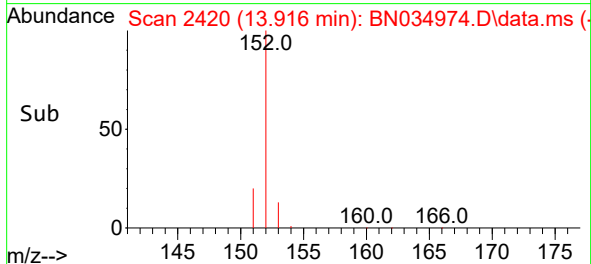
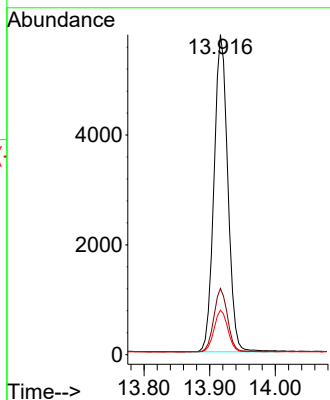
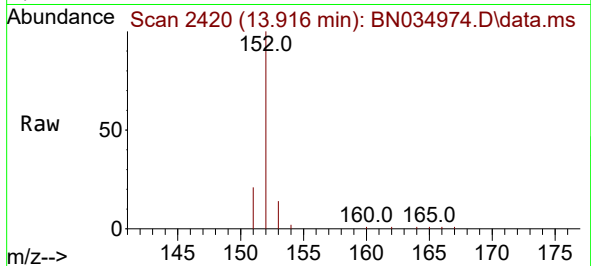




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 13.916 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

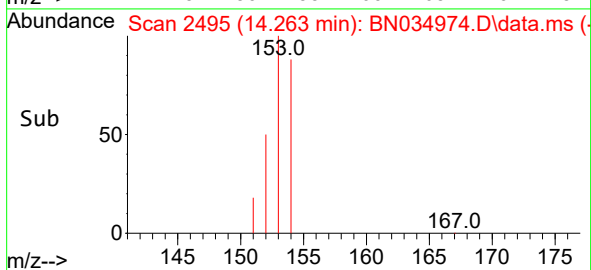
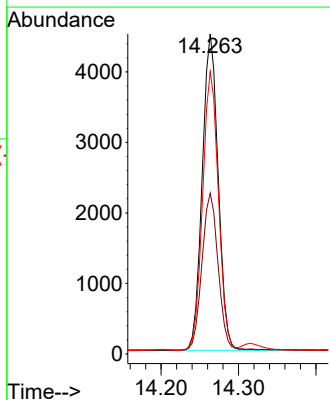
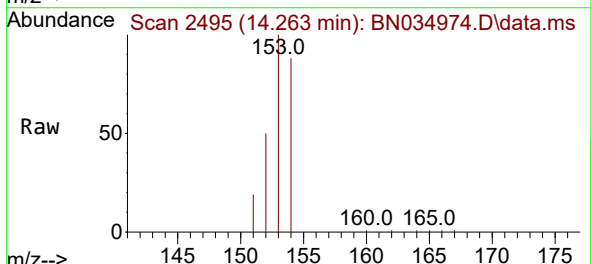
Instrument :
BNA_N
ClientSampleId :
SLCS816

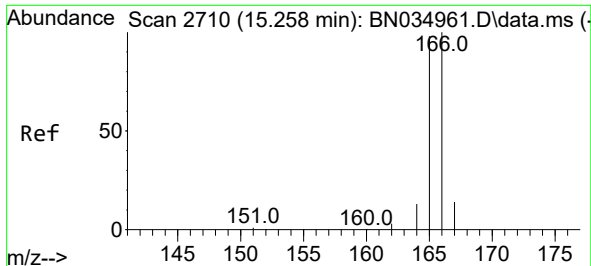
Tgt Ion:152 Resp: 8421
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.263 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:153 Resp: 6403
Ion Ratio Lower Upper
153 100
152 50.2 41.5 62.3
154 88.3 70.9 106.3

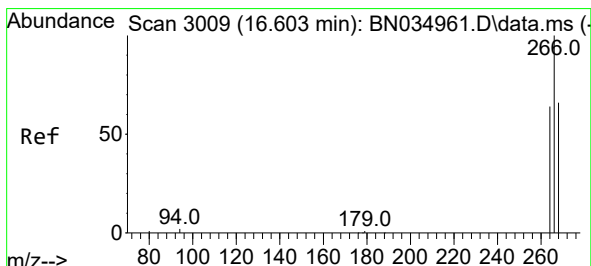
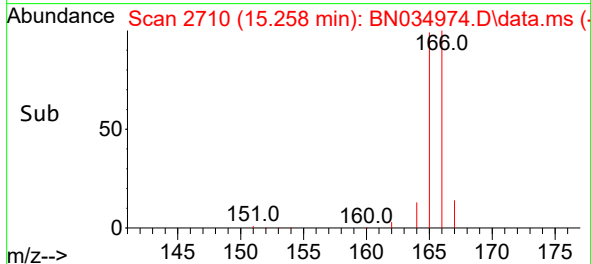
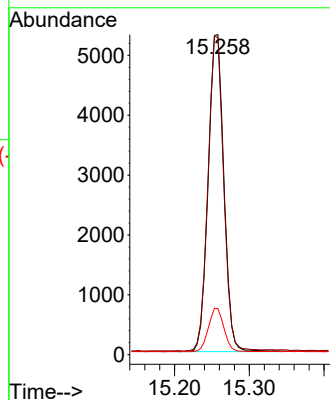
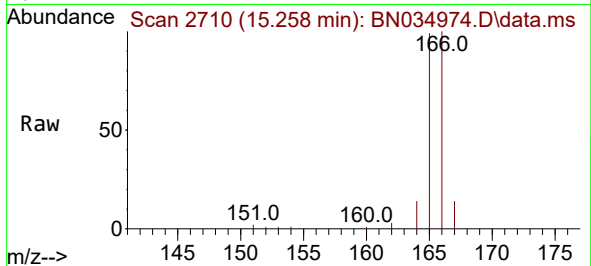




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.258 min Scan# 2710
Delta R.T. -0.005 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

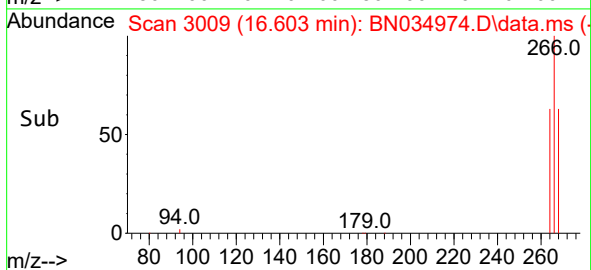
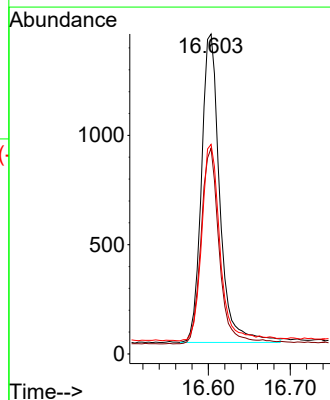
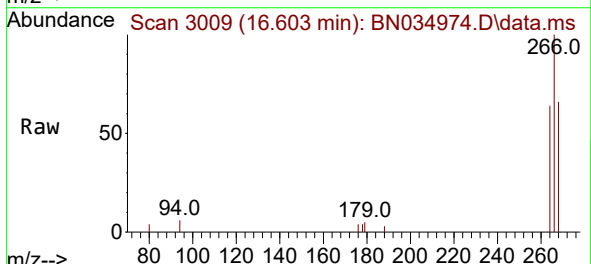
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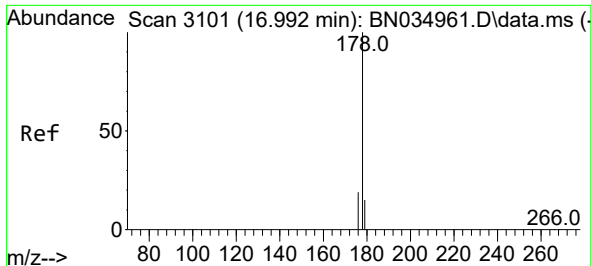
Tgt Ion:166 Resp: 7694
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.749 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:266 Resp: 2194
Ion Ratio Lower Upper
266 100
264 63.4 50.2 75.2
268 64.1 48.4 72.6

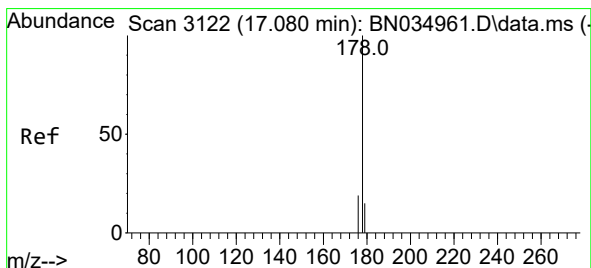
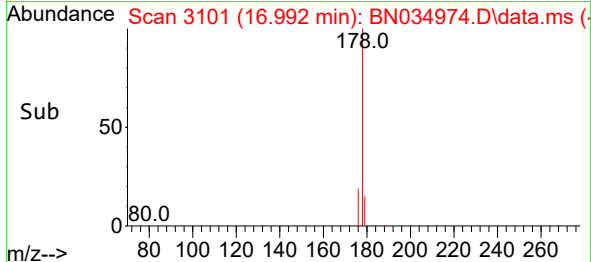
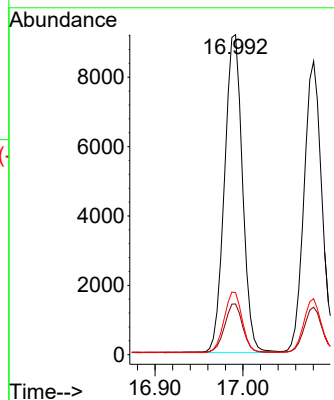
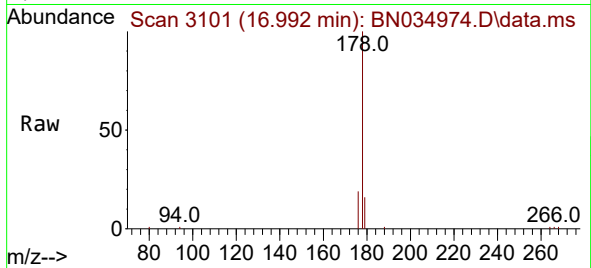




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

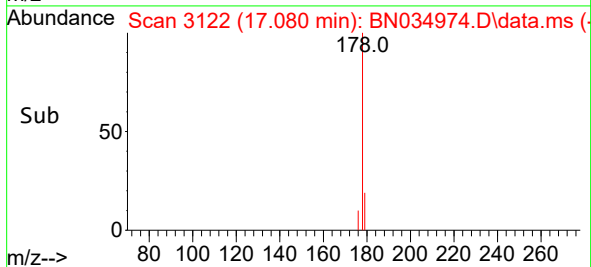
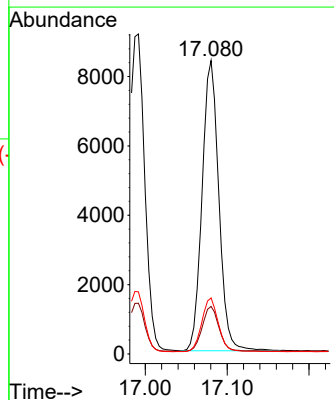
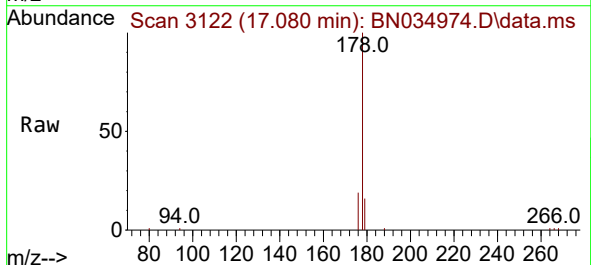
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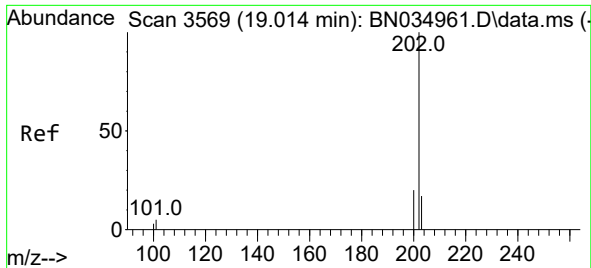
Tgt Ion:178 Resp: 12979
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:178 Resp: 11882
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 19.1 15.8 23.8

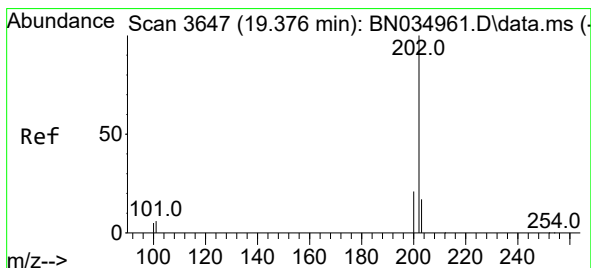
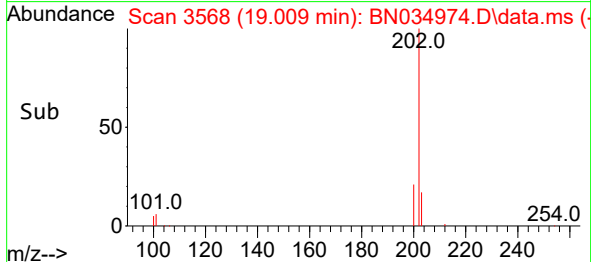
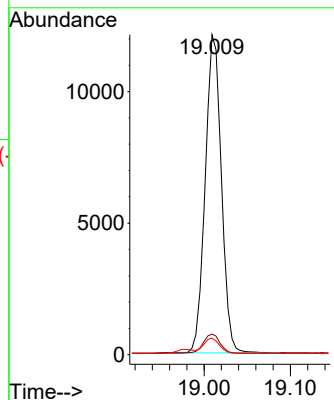
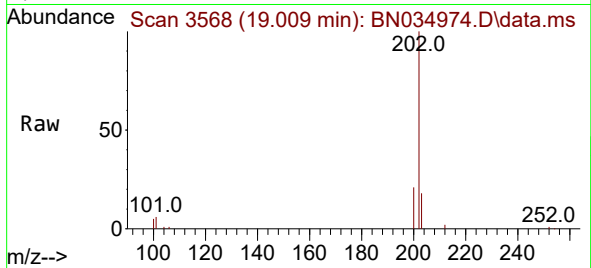




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

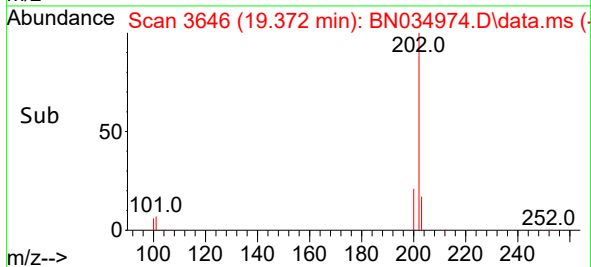
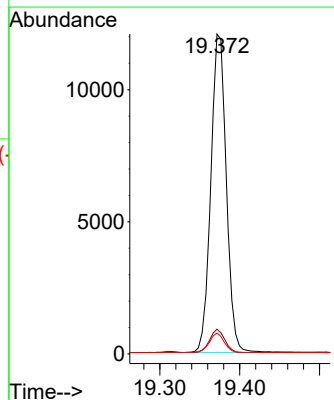
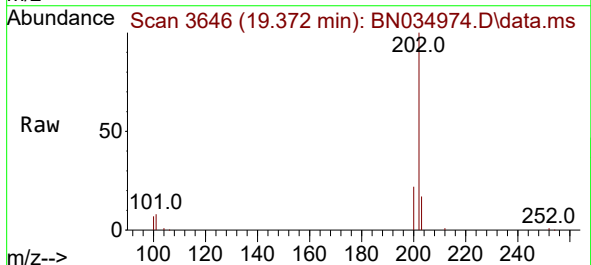
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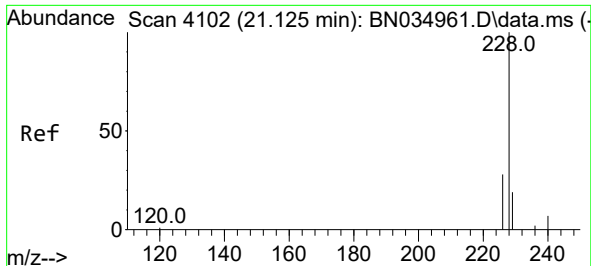
Tgt Ion:202 Resp: 15781
Ion Ratio Lower Upper
202 100
101 6.5 4.2 6.2#
100 5.2 3.2 4.8#



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:202 Resp: 16218
Ion Ratio Lower Upper
202 100
101 7.7 5.0 7.4#
100 6.5 4.1 6.1#

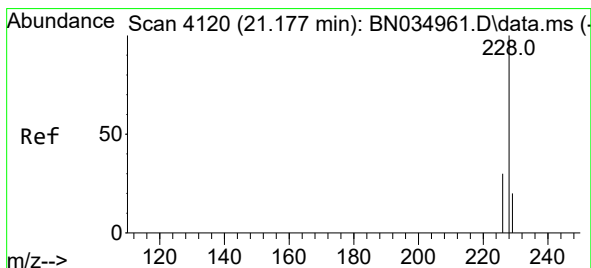
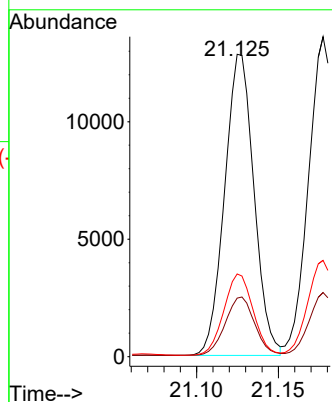
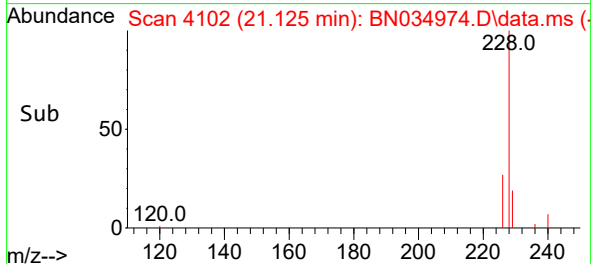
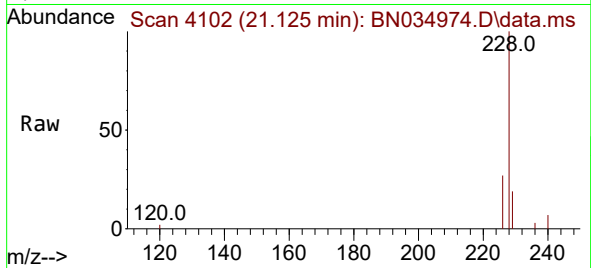




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

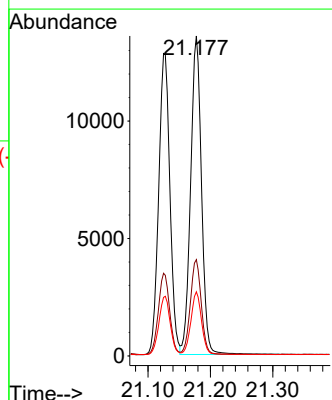
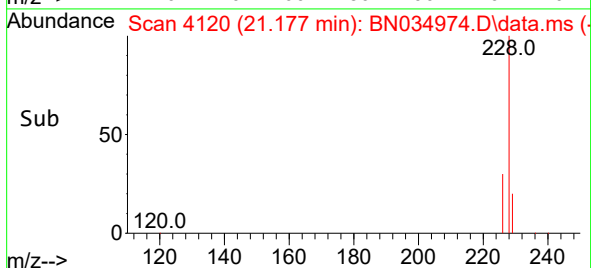
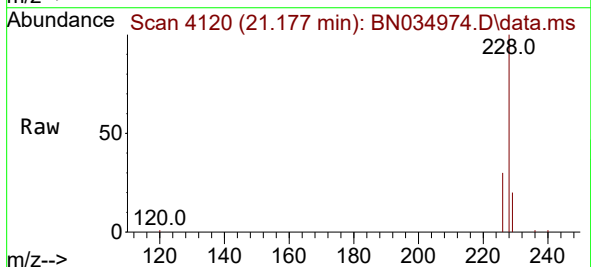
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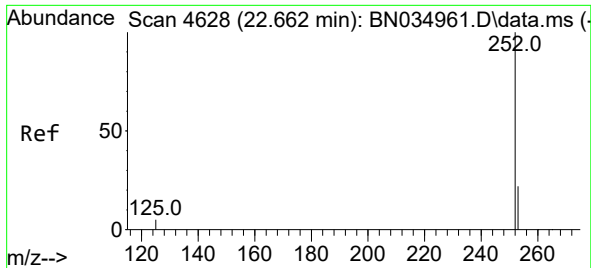
Tgt Ion:228 Resp: 16005
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.8
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

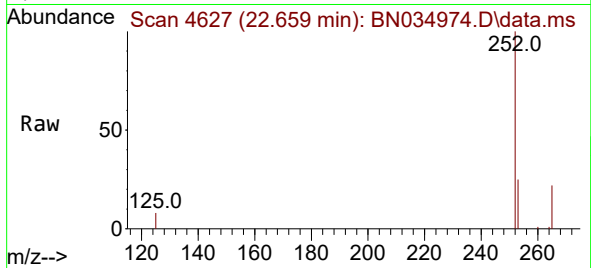
Tgt Ion:228 Resp: 16378
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 20.0 15.4 23.2



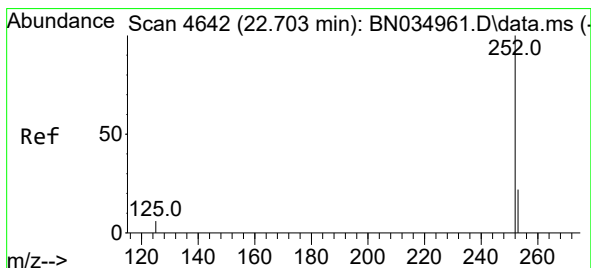
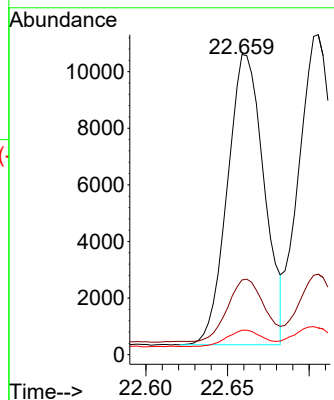


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Instrument :
BNA_N
ClientSampleId :
SLCS816

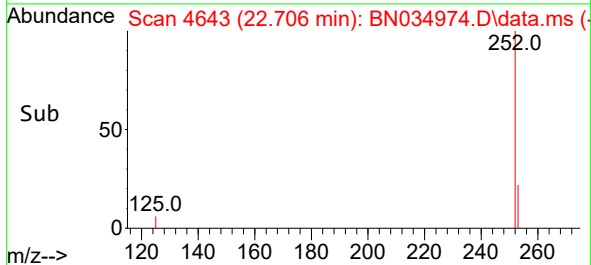
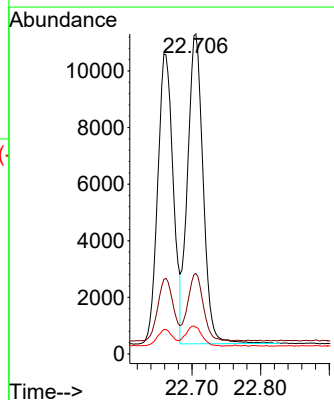
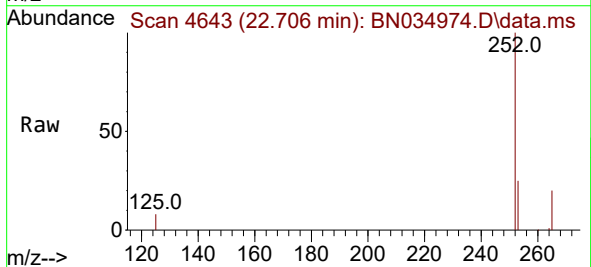


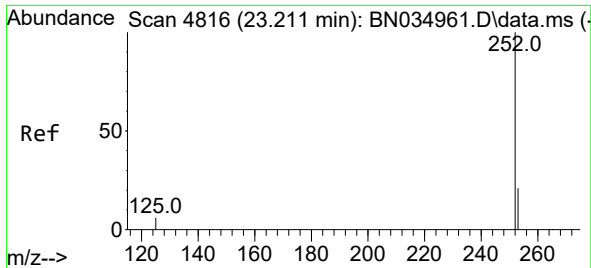
Tgt Ion:252 Resp: 16054
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.0
125 8.2 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.006 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:252 Resp: 17218
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 8.4 5.8 8.8

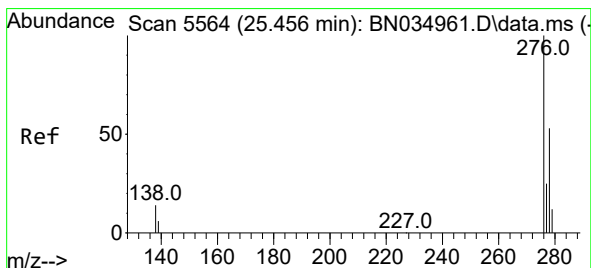
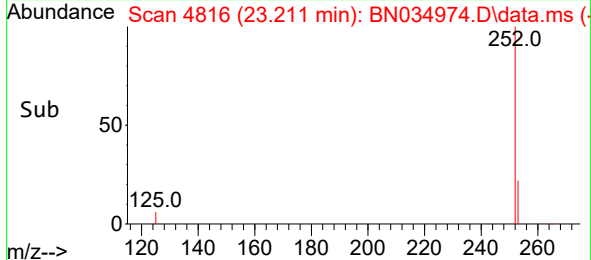
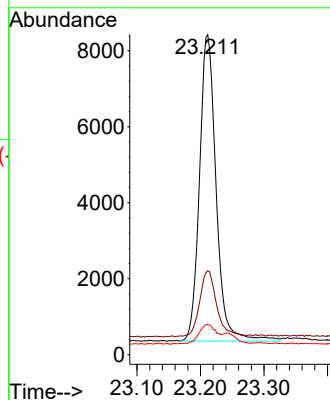
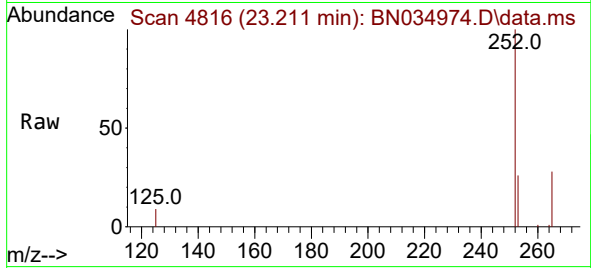




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.211 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

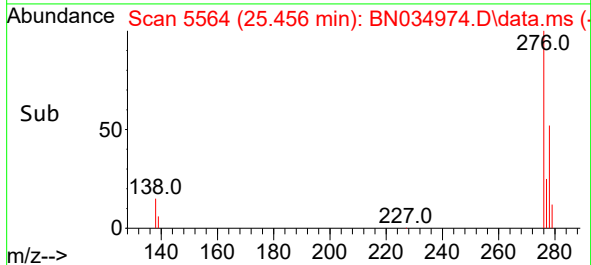
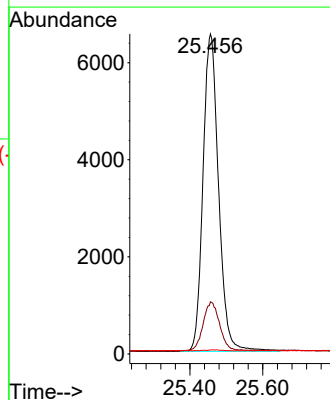
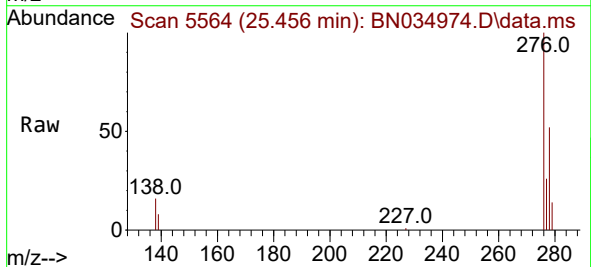
Instrument :
BNA_N
ClientSampleId :
SLCS816

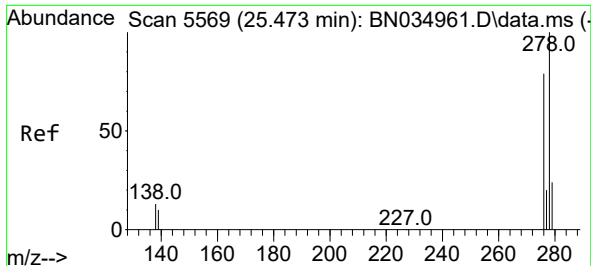
Tgt Ion:252 Resp: 14708
Ion Ratio Lower Upper
252 100
253 26.3 21.2 31.8
125 9.4 6.3 9.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.456 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:276 Resp: 19411
Ion Ratio Lower Upper
276 100
138 16.3 10.8 16.2#
227 0.1 0.2 0.4#

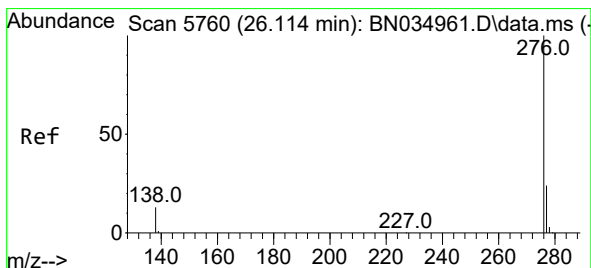
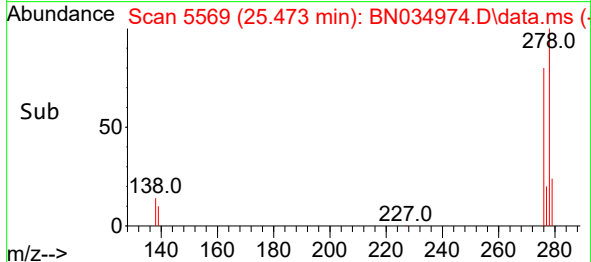
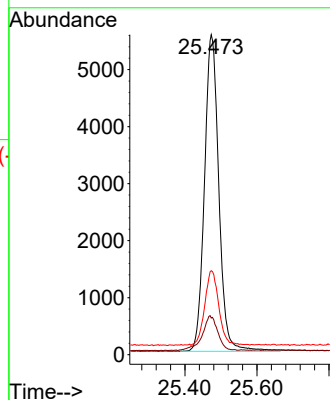
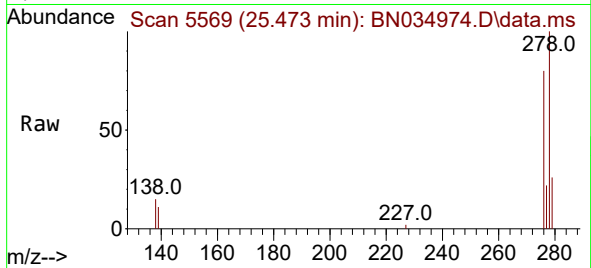




#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 25.473 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Instrument :
BNA_N
ClientSampleId :
SLCS816

Tgt Ion:278 Resp: 15364
Ion Ratio Lower Upper
278 100
139 11.5 8.4 12.6
279 26.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.110 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BN034974.D
Acq: 10 Nov 2024 11:33

Tgt Ion:276 Resp: 14995
Ion Ratio Lower Upper
276 100
138 13.9 10.3 15.5
277 24.5 20.2 30.2

