

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034990.D
 Acq On : 10 Nov 2024 21:41
 Operator : RC/JU
 Sample : PB164741BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS741

Quant Time: Nov 10 22:28:59 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)

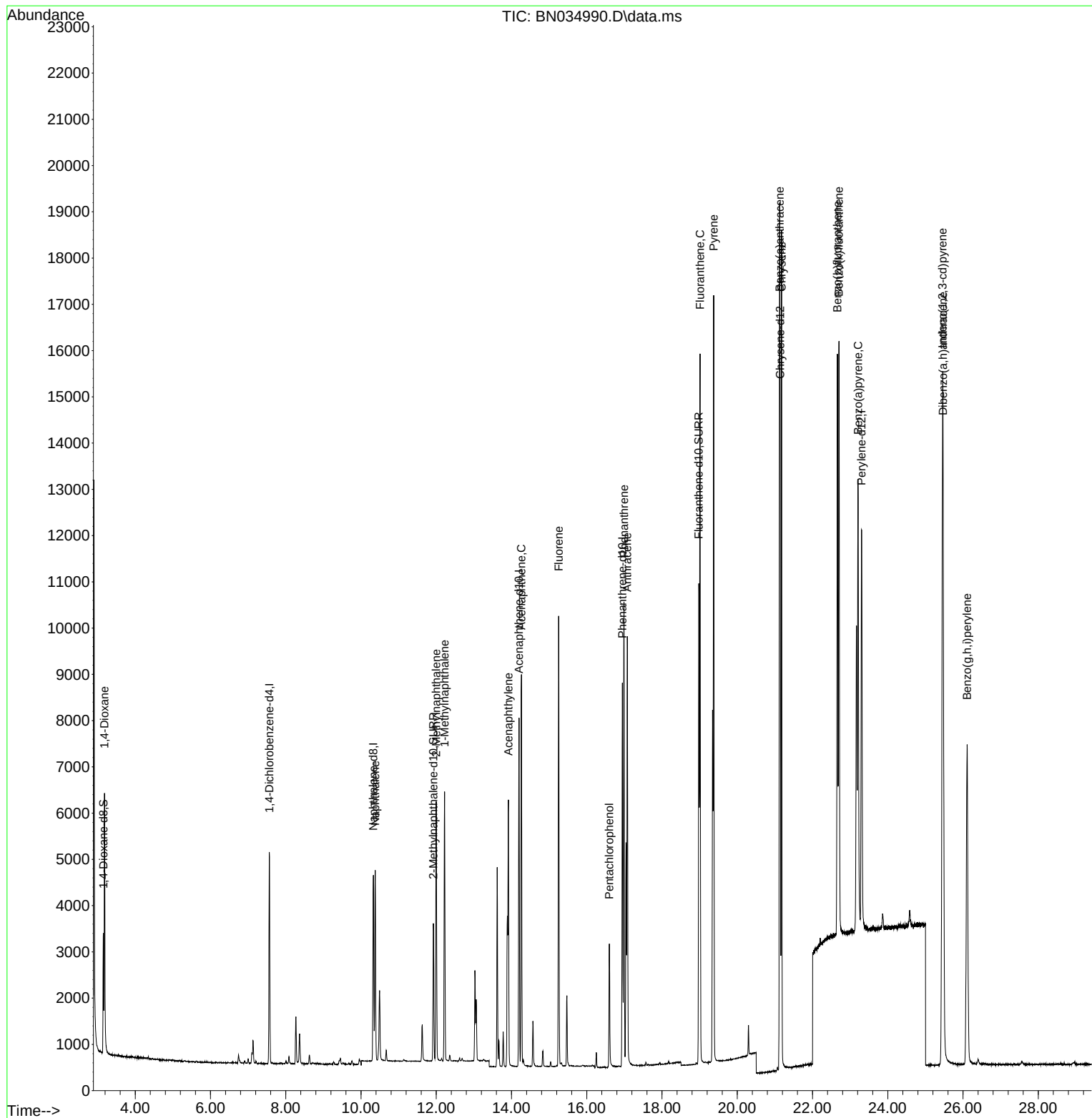
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	5479	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	4033	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	9849	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	10165	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	10912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1874	0.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	3848	0.459	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	12082	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.183	88	4160	1.766	ng/ul#	91
5) Naphthalene	10.378	128	5313	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	3829	0.374	ng/ul	98
8) 1-Methylnaphthalene	12.220	142	3885	0.378	ng/ul	99
10) Acenaphthylene	13.917	152	6185	0.375	ng/ul	99
11) Acenaphthene	14.264	153	4722	0.378	ng/ul	99
12) Fluorene	15.254	166	5838	0.367	ng/ul	99
14) Pentachlorophenol	16.599	266	1796	0.789	ng/ul	97
15) Phenanthrene	16.988	178	10248	0.389	ng/ul	99
16) Anthracene	17.076	178	9583	0.387	ng/ul	99
19) Fluoranthene	19.009	202	13318	0.392	ng/ul#	97
20) Pyrene	19.372	202	14024	0.398	ng/ul#	97
21) Benzo(a)anthracene	21.125	228	14266	0.388	ng/ul	99
22) Chrysene	21.178	228	14734	0.392	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	14926	0.389	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	16070	0.400	ng/ul	99
26) Benzo(a)pyrene	23.209	252	13824	0.403	ng/ul#	99
27) Indeno(1,2,3-cd)pyrene	25.457	276	18727	0.447	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.470	278	14638	0.448	ng/ul	98
29) Benzo(g,h,i)perylene	26.107	276	14478	0.452	ng/ul	97

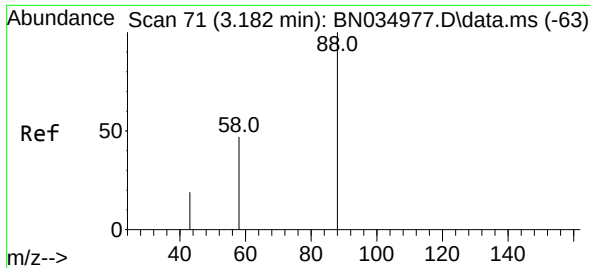
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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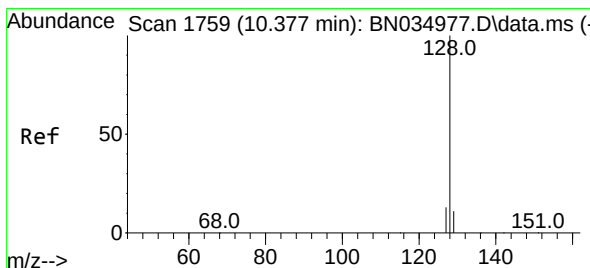
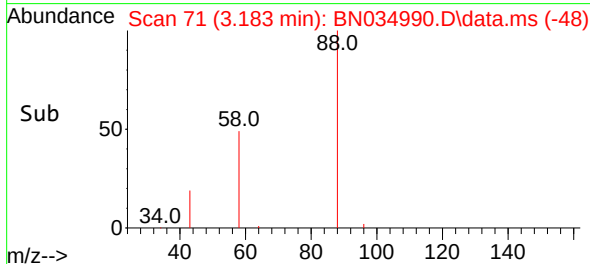
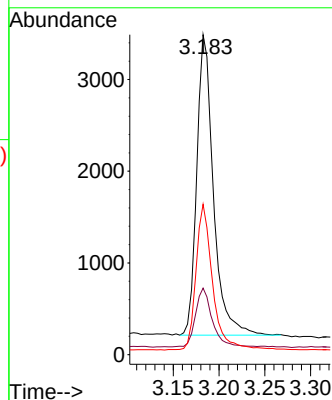
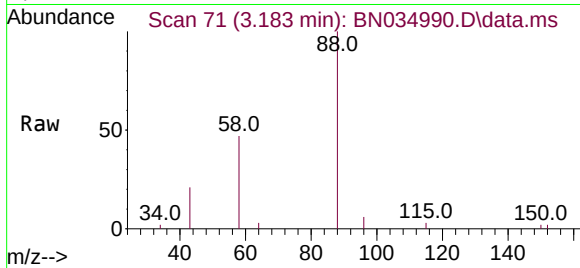




#2
 1,4-Dioxane
 Concen: 1.766 ng/ul
 RT: 3.183 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034990.D
 Acq: 10 Nov 2024 21:41

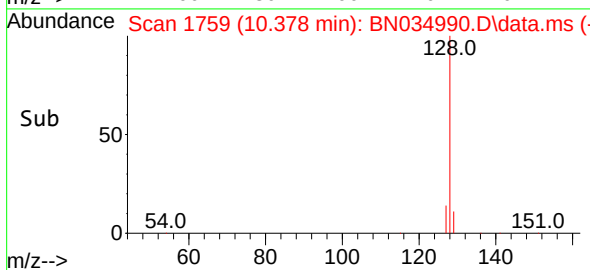
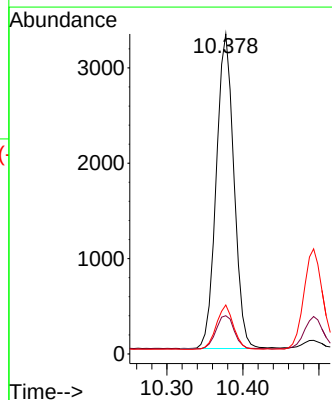
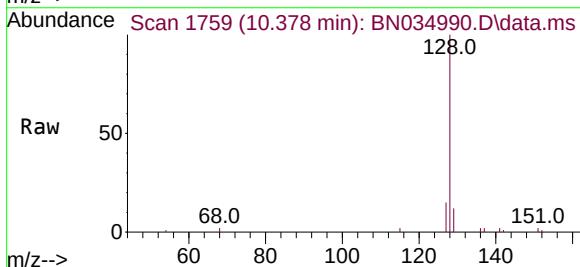
Instrument :
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 SLCS741

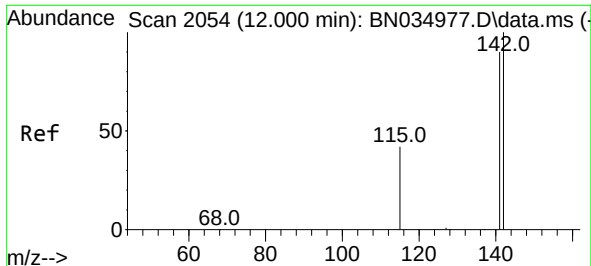
Tgt Ion: 88 Resp: 4160
 Ion Ratio Lower Upper
 88 100
 43 20.8 23.3 34.9#
 58 47.0 35.4 53.2



#5
 Naphthalene
 Concen: 0.388 ng/ul
 RT: 10.378 min Scan# 1759
 Delta R.T. -0.011 min
 Lab File: BN034990.D
 Acq: 10 Nov 2024 21:41

Tgt Ion: 128 Resp: 5313
 Ion Ratio Lower Upper
 128 100
 129 11.9 10.1 15.1
 127 15.3 12.1 18.1

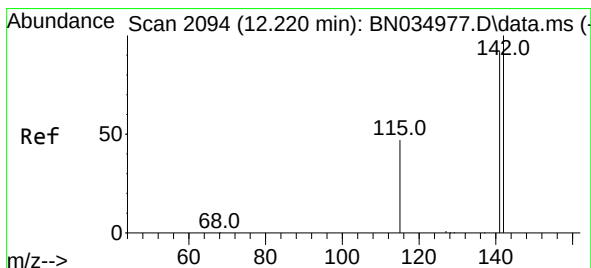
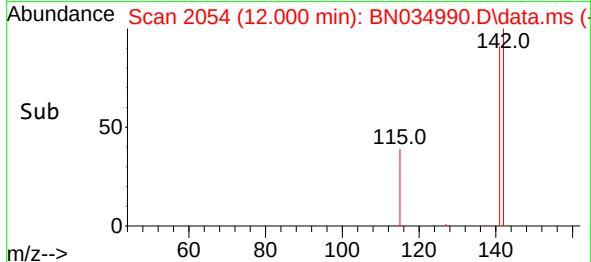
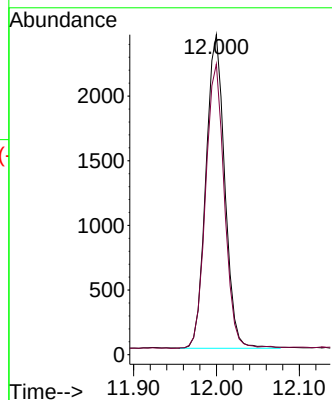
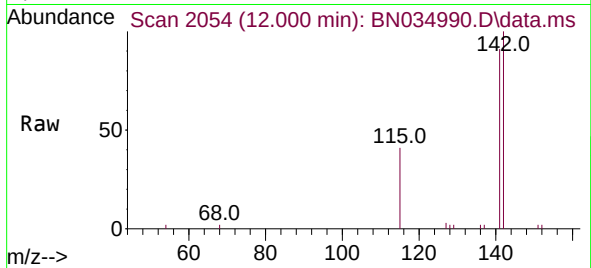




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

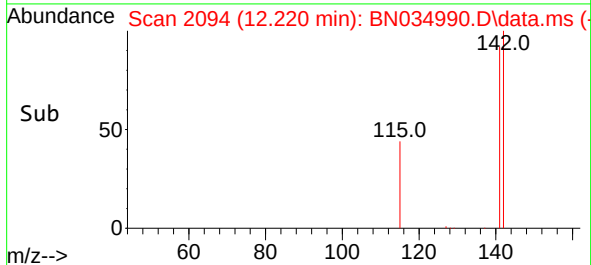
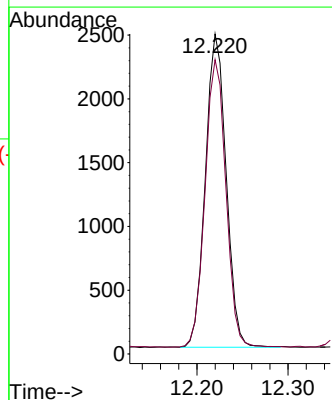
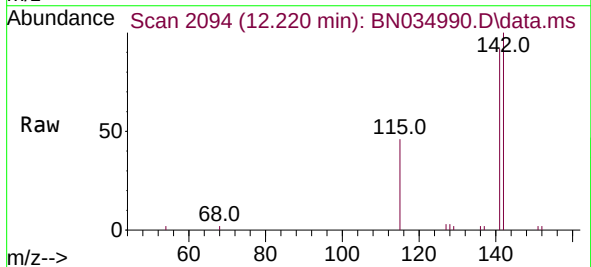
Instrument :
BNA_N
ClientSampleId :
SLCS741

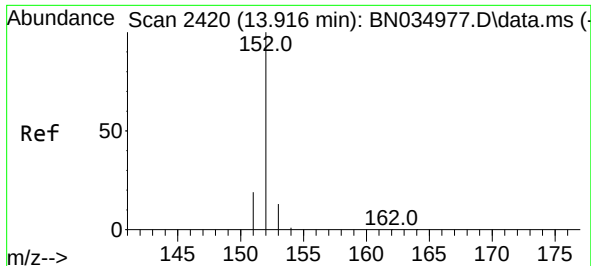
Tgt Ion:142 Resp: 3829
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

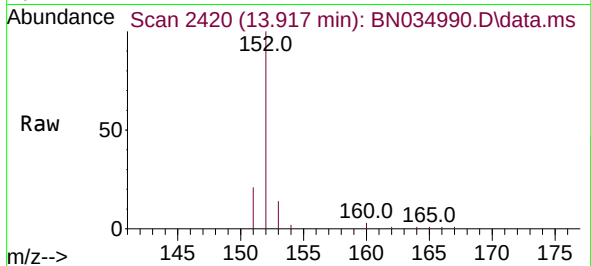
Tgt Ion:142 Resp: 3885
Ion Ratio Lower Upper
142 100
141 92.3 74.6 111.8



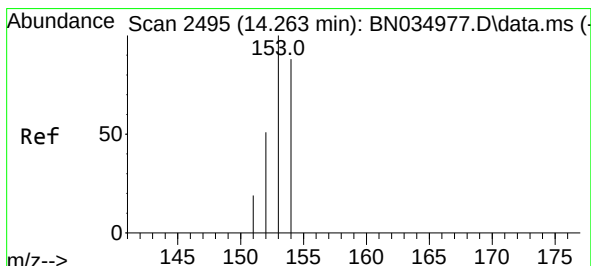
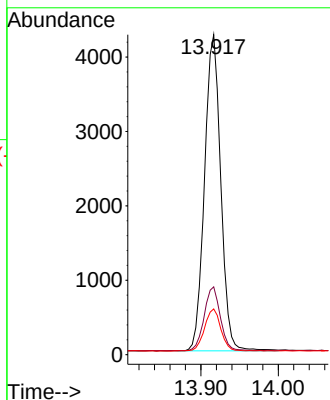
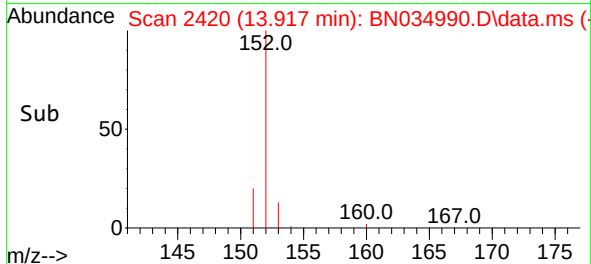


#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 13.917 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SLCS741

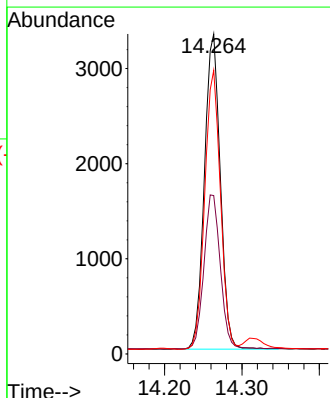
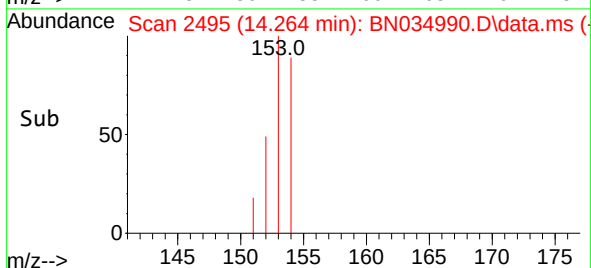
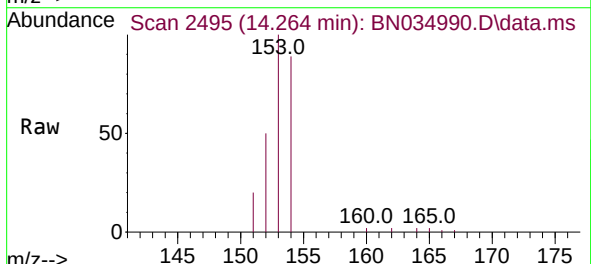


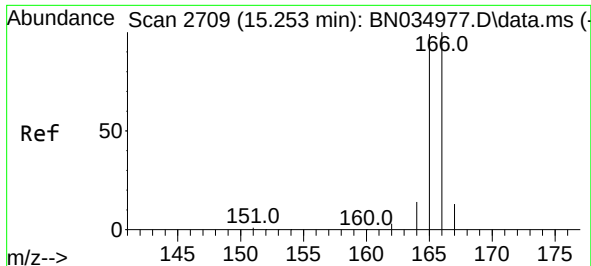
Tgt Ion:152 Resp: 6185
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.3 11.0 16.6



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.264 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Tgt Ion:153 Resp: 4722
Ion Ratio Lower Upper
153 100
152 49.5 41.5 62.3
154 88.7 70.9 106.3

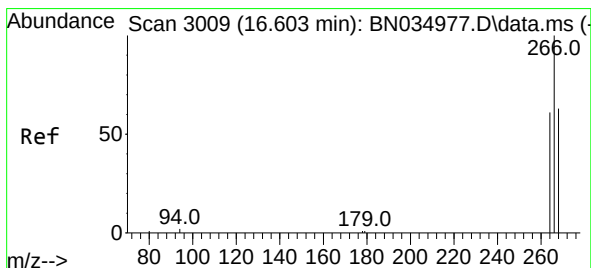
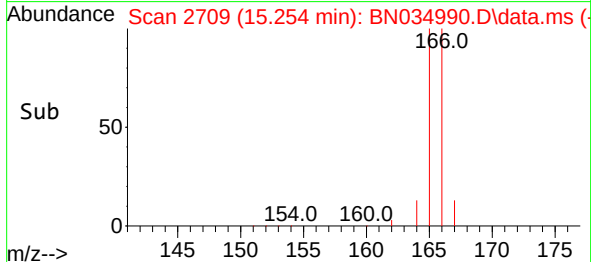
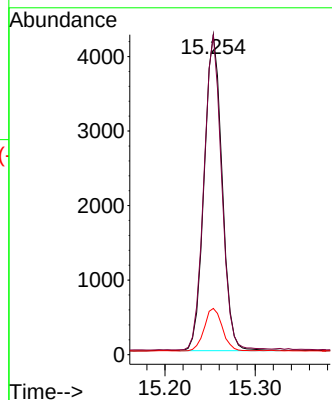
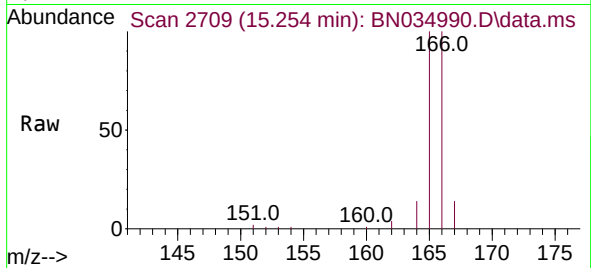




#12
 Fluorene
 Concen: 0.367 ng/ul
 RT: 15.254 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034990.D
 Acq: 10 Nov 2024 21:41

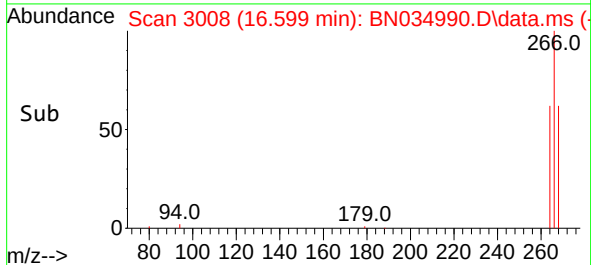
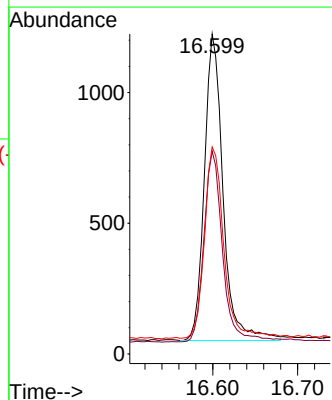
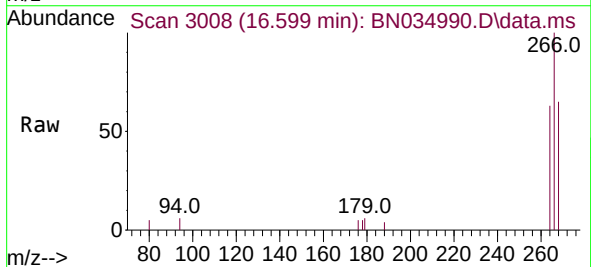
Instrument :
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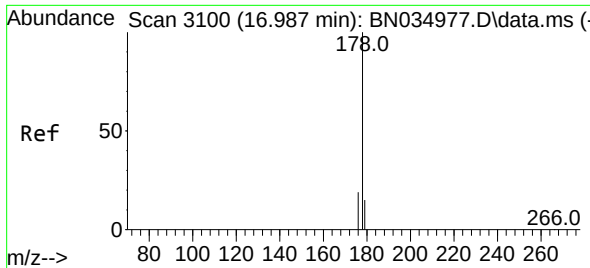
Tgt Ion:166 Resp: 5838
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.4
 167 14.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.789 ng/ul
 RT: 16.599 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BN034990.D
 Acq: 10 Nov 2024 21:41

Tgt Ion:266 Resp: 1796
 Ion Ratio Lower Upper
 266 100
 264 62.2 50.2 75.2
 268 64.4 48.4 72.6

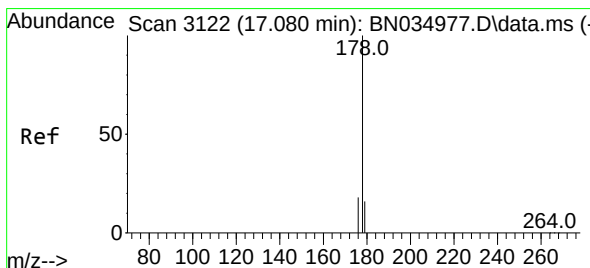
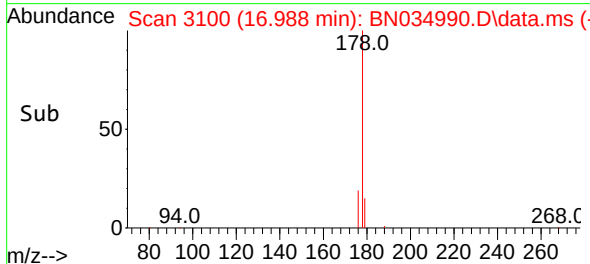
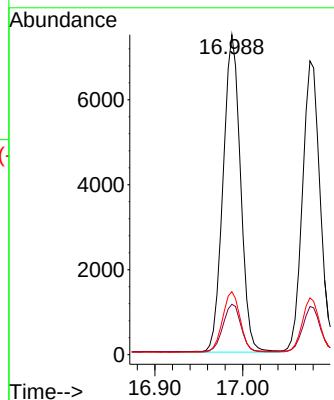
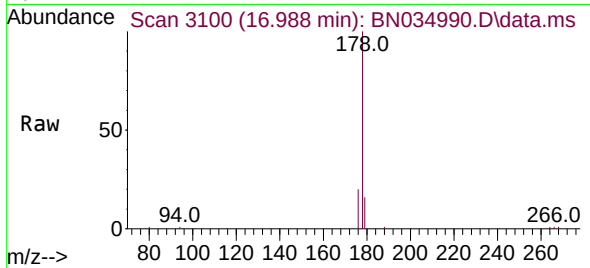




#15
Phenanthrene
Concen: 0.389 ng/u1
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

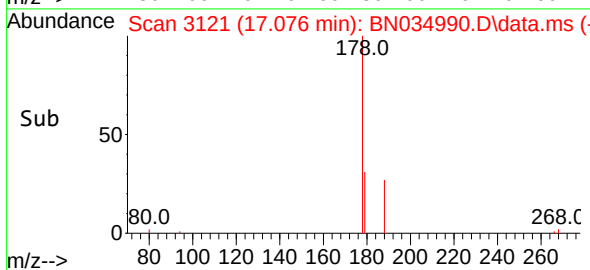
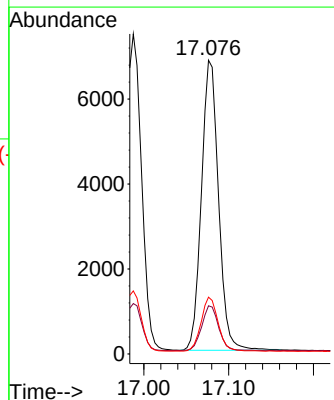
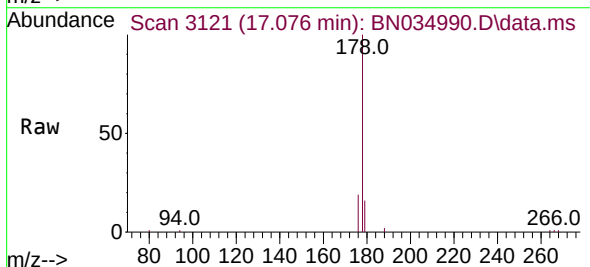
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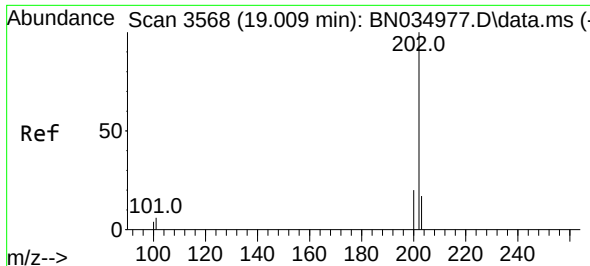
Tgt Ion:178 Resp: 10248
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.387 ng/u1
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Tgt Ion:178 Resp: 9583
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.4 15.8 23.8

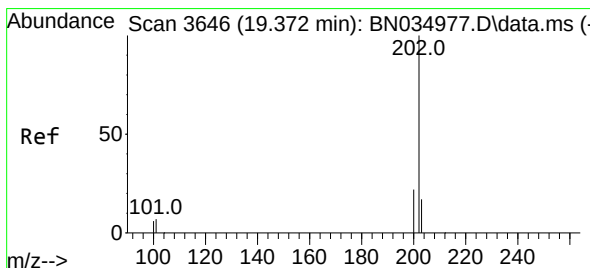
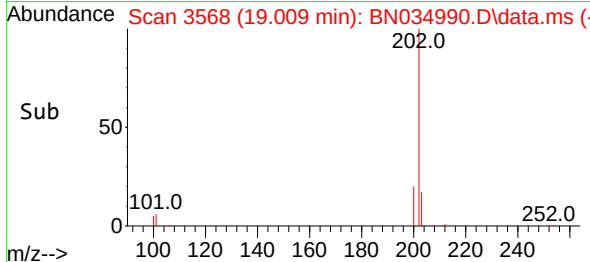
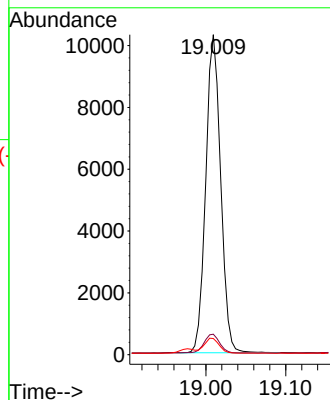
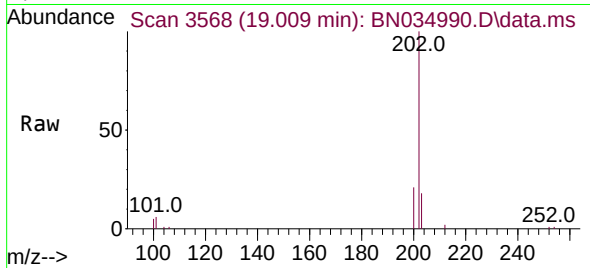




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

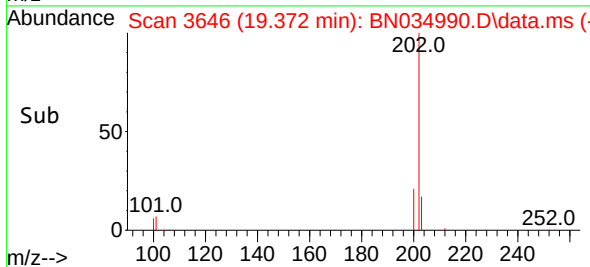
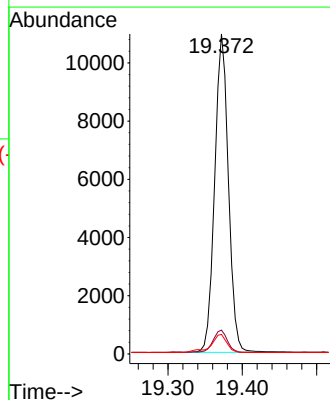
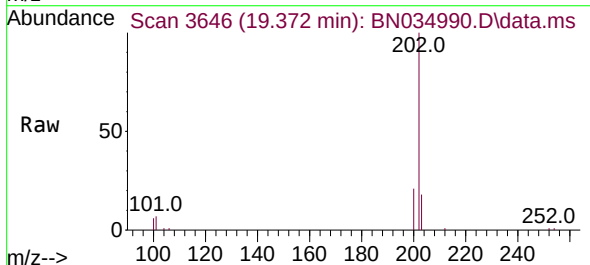
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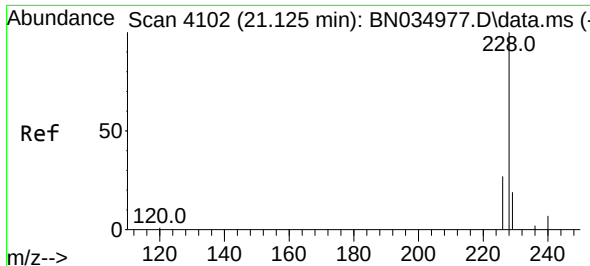
Tgt Ion:202 Resp: 13318
Ion Ratio Lower Upper
202 100
101 6.4 4.2 6.2#
100 5.1 3.2 4.8#



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

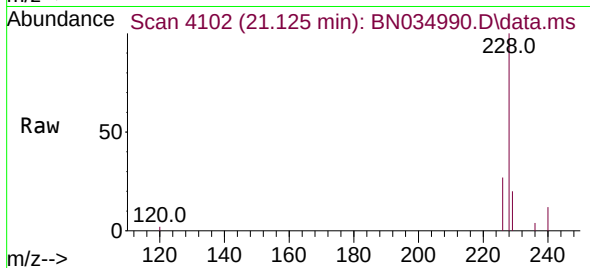
Tgt Ion:202 Resp: 14024
Ion Ratio Lower Upper
202 100
101 7.4 5.0 7.4#
100 6.1 4.1 6.1#



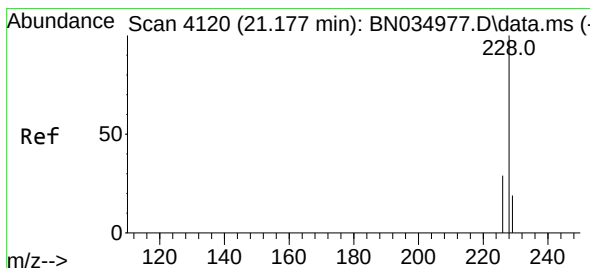
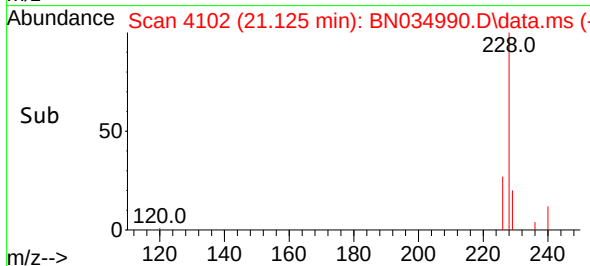
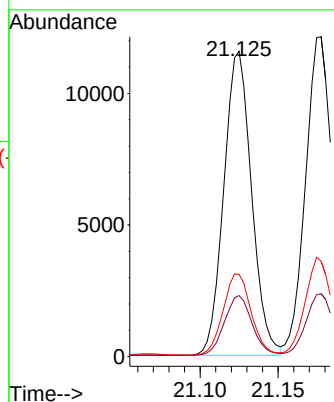


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SLCS741

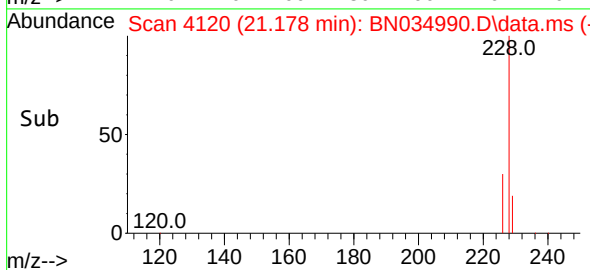
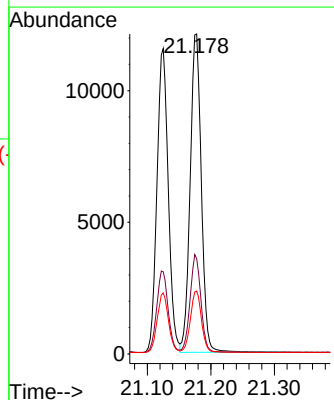
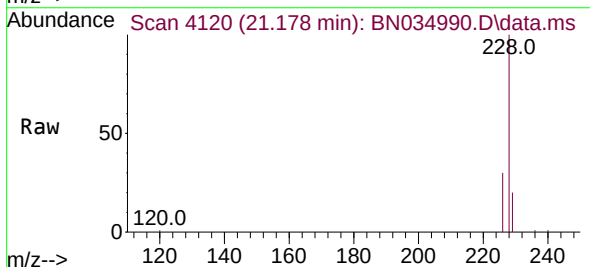


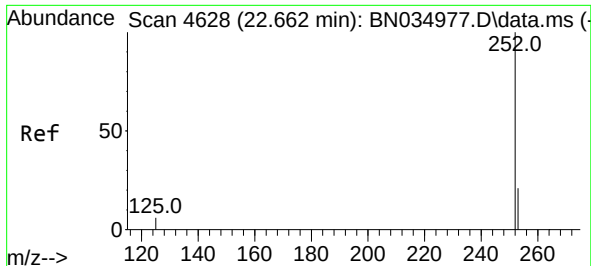
Tgt Ion:228 Resp: 14266
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 26.9 22.2 33.2



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

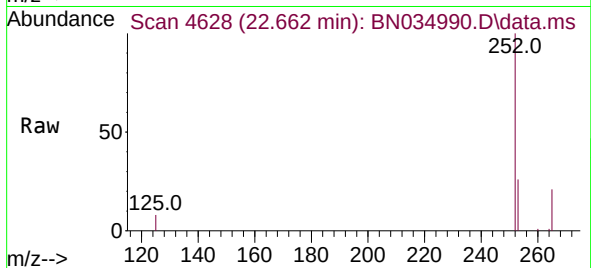
Tgt Ion:228 Resp: 14734
Ion Ratio Lower Upper
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226 29.8 24.2 36.4
229 19.7 15.4 23.2



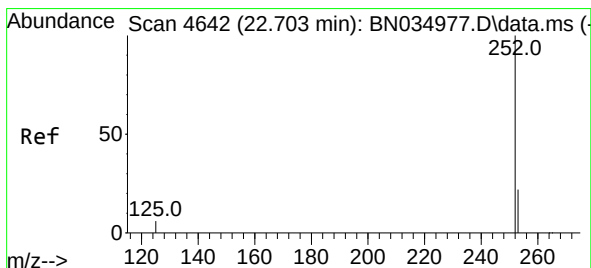
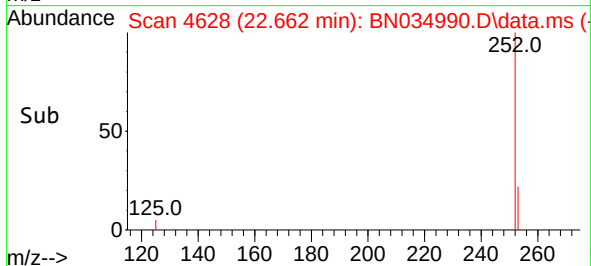
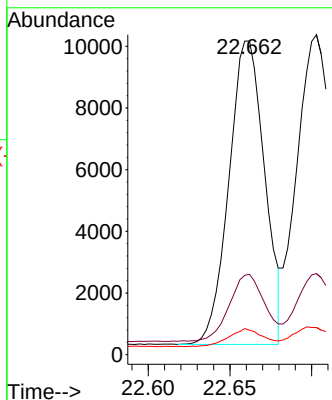


#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SLCS741

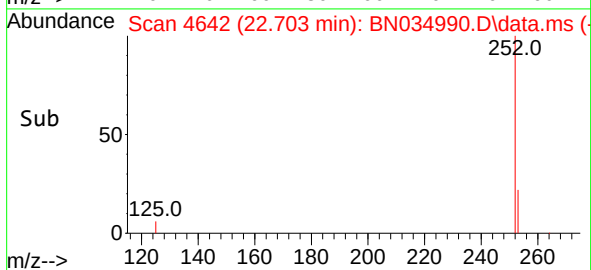
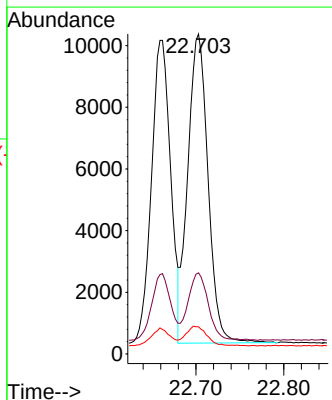
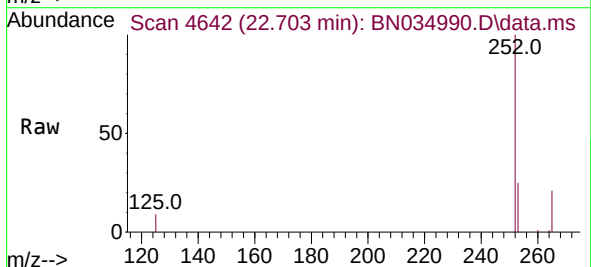


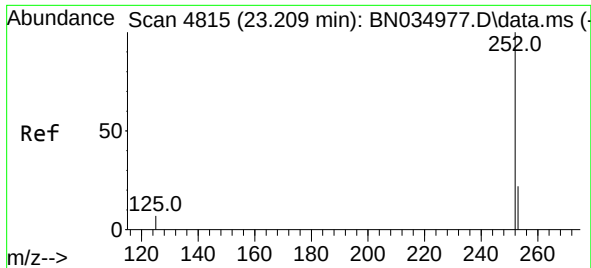
Tgt Ion:252 Resp: 14926
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.0
125 7.8 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Tgt Ion:252 Resp: 16070
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 8.5 5.8 8.8

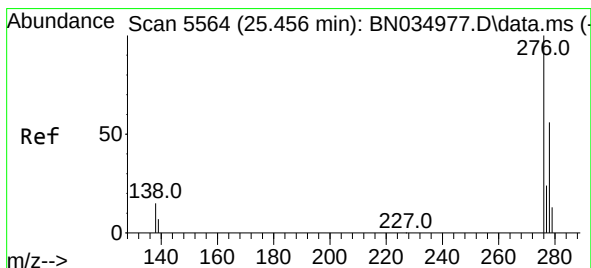
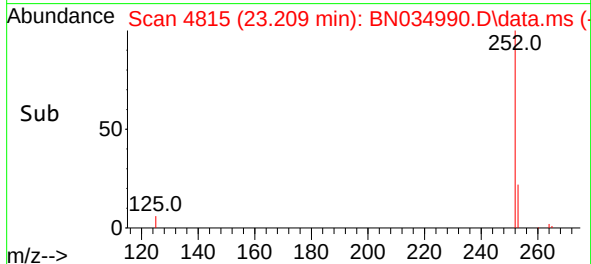
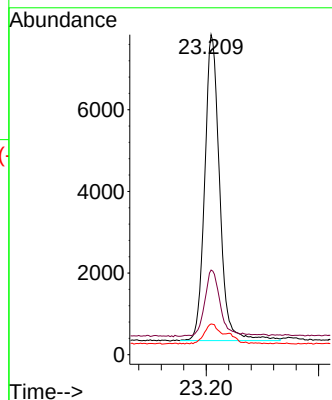
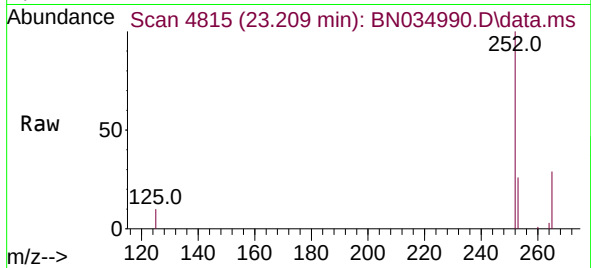




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.209 min Scan# 4815
Delta R.T. -0.009 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

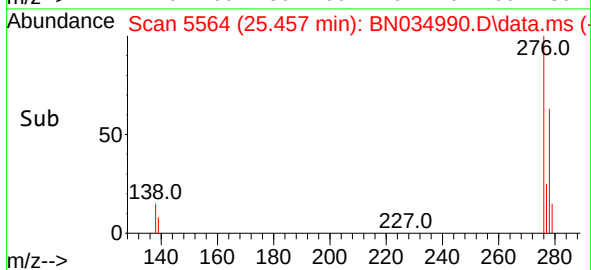
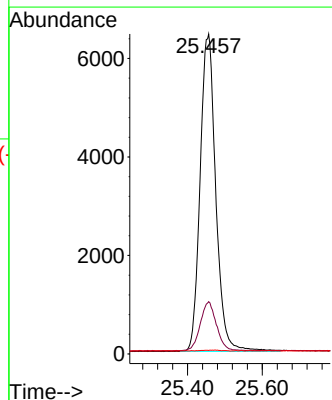
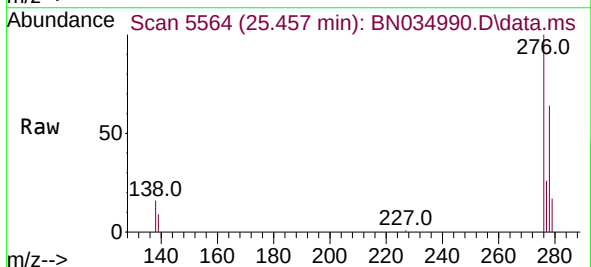
Instrument :
BNA_N
ClientSampleId :
SLCS741

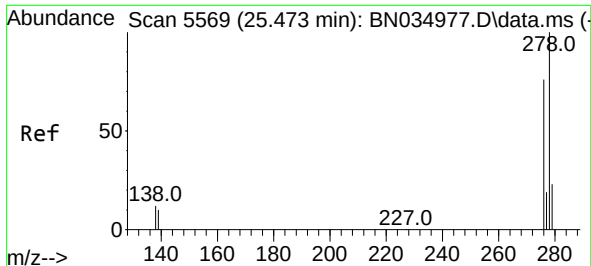
Tgt Ion:252 Resp: 13824
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 9.6 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Tgt Ion:276 Resp: 18727
Ion Ratio Lower Upper
276 100
138 15.9 10.8 16.2
227 0.1 0.2 0.4#

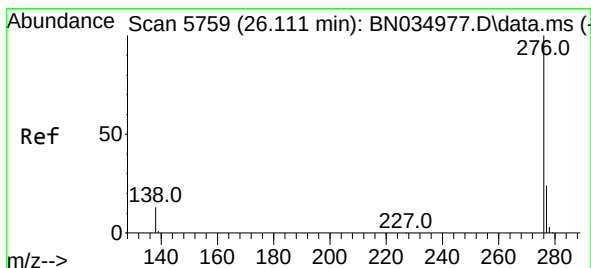
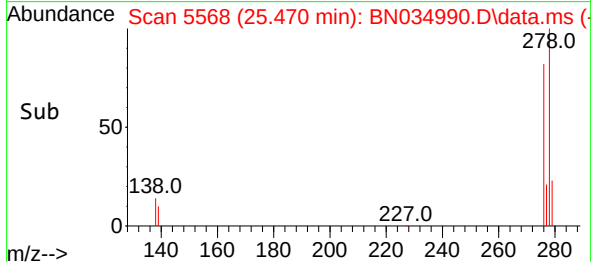
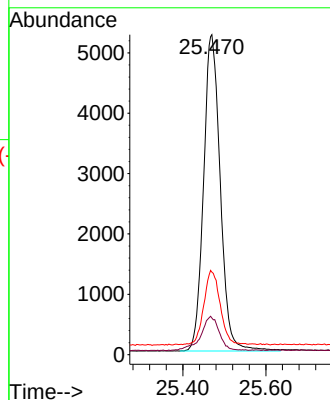
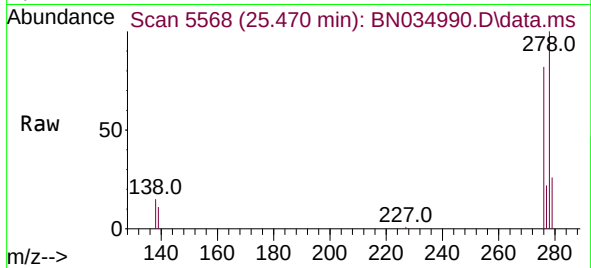




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.470 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SLCS741

Tgt Ion:278 Resp: 14638
Ion Ratio Lower Upper
278 100
139 11.5 8.4 12.6
279 25.8 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 26.107 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BN034990.D
Acq: 10 Nov 2024 21:41

Tgt Ion:276 Resp: 14478
Ion Ratio Lower Upper
276 100
138 14.3 10.3 15.5
277 24.2 20.2 30.2

