

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034968.D
 Acq On : 10 Nov 2024 07:59
 Operator : RC/JU
 Sample : P4746-10MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCP83MSD

Quant Time: Nov 10 21:51:05 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)

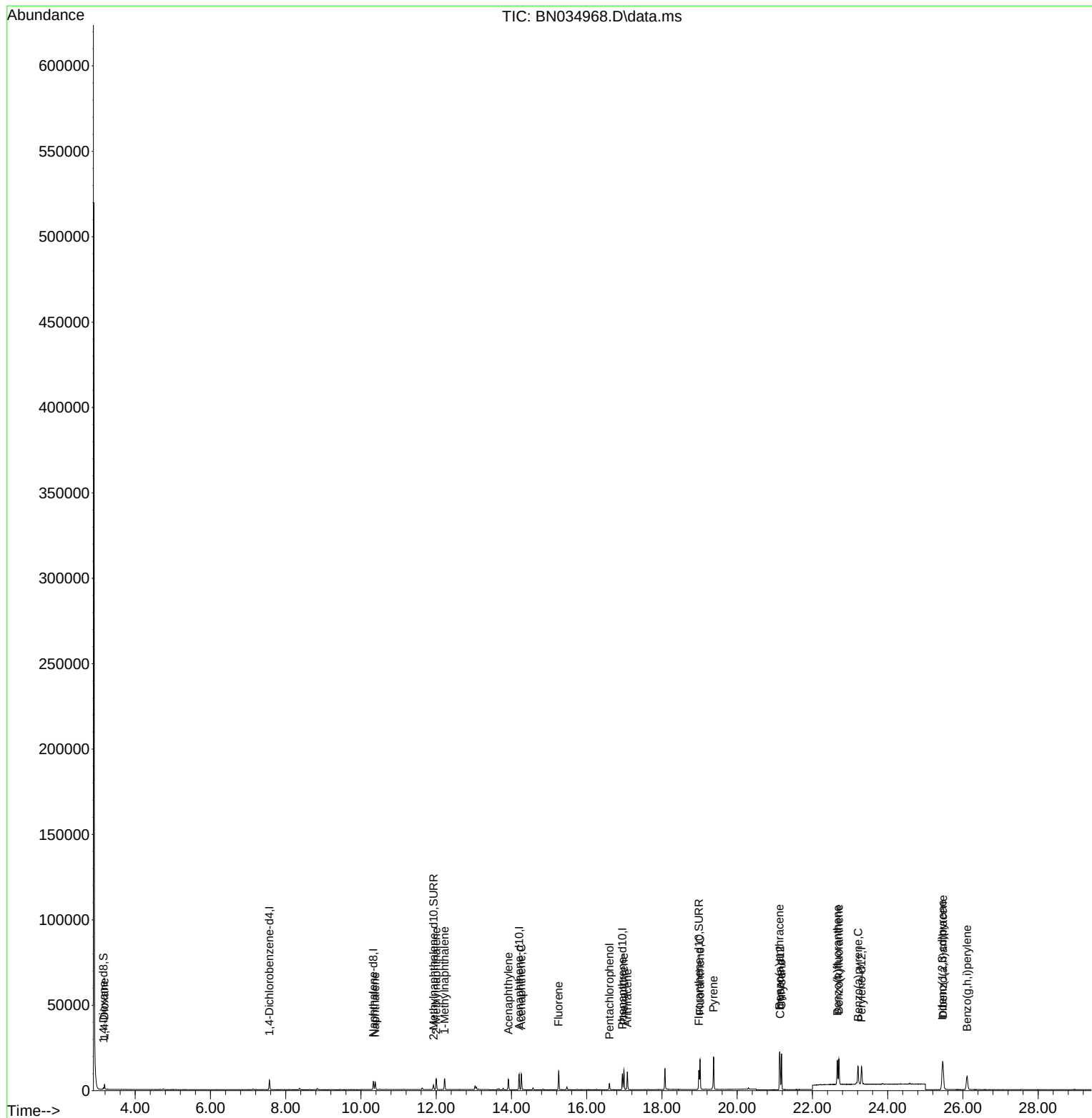
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	2713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	6533	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.203	164	4762	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	11385	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	11812	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	12749	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	620	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	3411	0.341	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	12834	0.423	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.183	88	2114	0.747	ng/ul#	93
5) Naphthalene	10.378	128	5751	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	4144	0.340	ng/ul	99
8) 1-Methylnaphthalene	12.225	142	4179	0.341	ng/ul	99
10) Acenaphthylene	13.917	152	6817	0.350	ng/ul	99
11) Acenaphthene	14.264	153	5194	0.352	ng/ul	99
12) Fluorene	15.254	166	6548	0.349	ng/ul	99
14) Pentachlorophenol	16.603	266	2329	0.885	ng/ul	98
15) Phenanthrene	16.988	178	11795	0.388	ng/ul	99
16) Anthracene	17.081	178	10655	0.373	ng/ul	99
19) Fluoranthene	19.014	202	15505	0.393	ng/ul	98
20) Pyrene	19.372	202	16404	0.401	ng/ul	97
21) Benzo(a)anthracene	21.125	228	16331	0.382	ng/ul	100
22) Chrysene	21.178	228	16655	0.382	ng/ul	100
24) Benzo(b)fluoranthene	22.662	252	17219	0.384	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	17910	0.382	ng/ul	99
26) Benzo(a)pyrene	23.212	252	15368	0.384	ng/ul#	99
27) Indeno(1,2,3-cd)pyrene	25.453	276	20950	0.428	ng/ul	94
28) Dibenzo(a,h)anthracene	25.470	278	16306	0.427	ng/ul	97
29) Benzo(g,h,i)perylene	26.107	276	16253	0.434	ng/ul	98

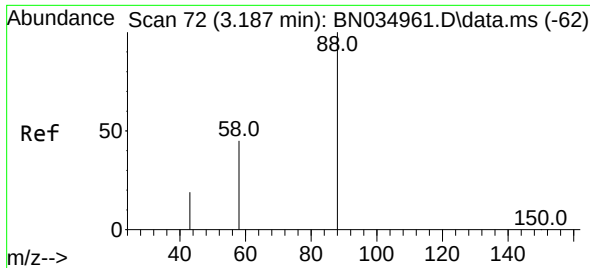
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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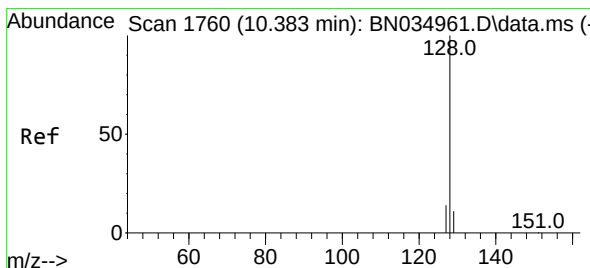
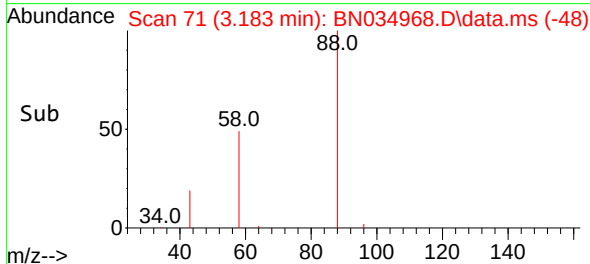
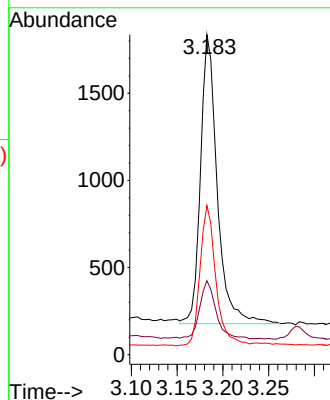
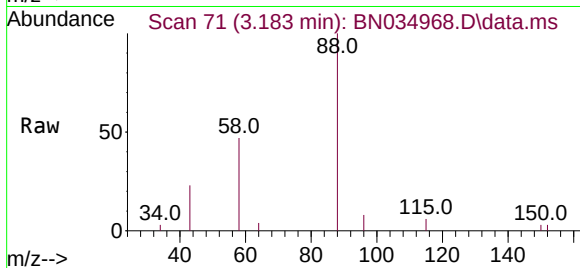




#2
 1,4-Dioxane
 Concen: 0.747 ng/ul
 RT: 3.183 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034968.D
 Acq: 10 Nov 2024 07:59

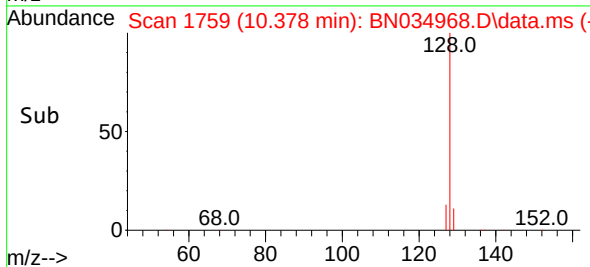
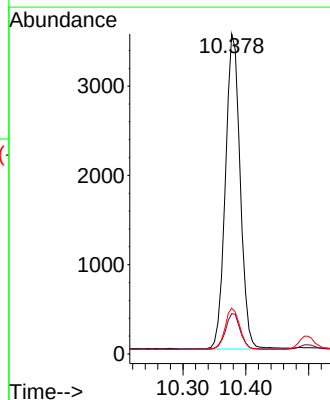
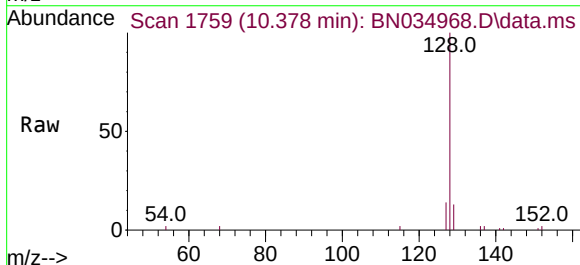
Instrument :
 BNA_N
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 GCP83MSD

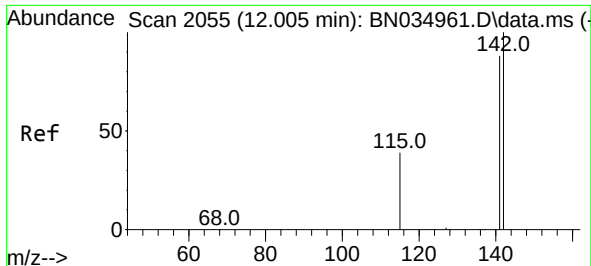
Tgt Ion: 88 Resp: 2114
 Ion Ratio Lower Upper
 88 100
 43 23.1 23.3 34.9#
 58 46.6 35.4 53.2



#5
 Naphthalene
 Concen: 0.352 ng/ul
 RT: 10.378 min Scan# 1759
 Delta R.T. -0.011 min
 Lab File: BN034968.D
 Acq: 10 Nov 2024 07:59

Tgt Ion: 128 Resp: 5751
 Ion Ratio Lower Upper
 128 100
 129 12.6 10.1 15.1
 127 14.3 12.1 18.1

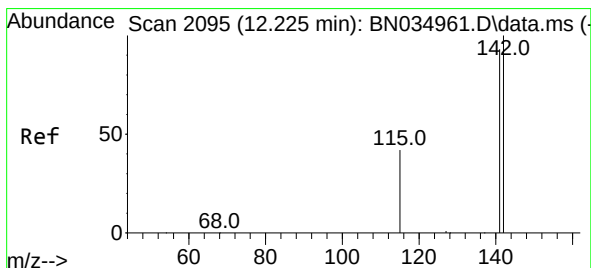
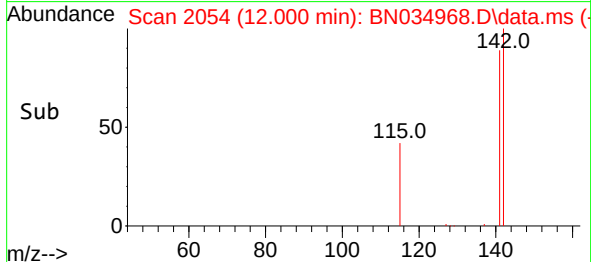
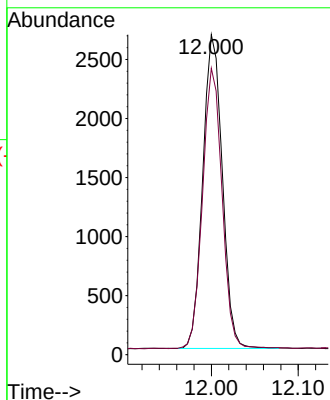
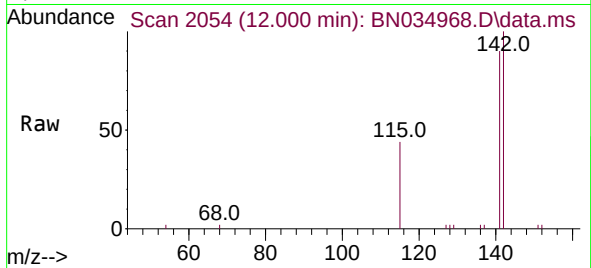




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

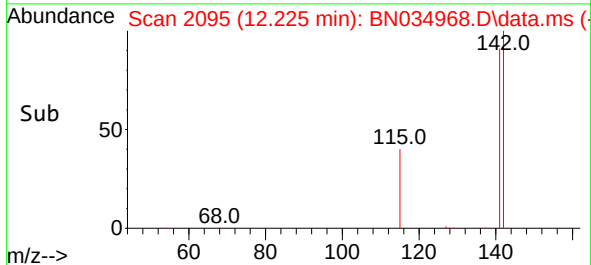
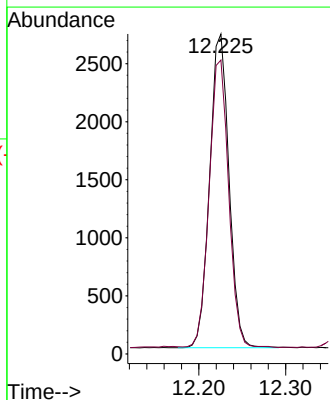
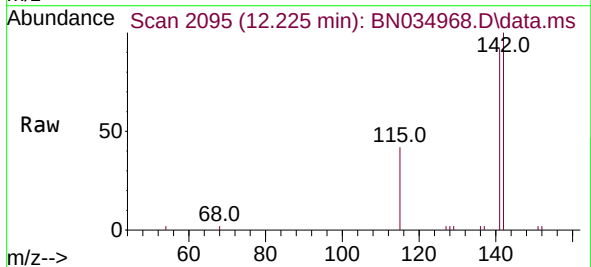
Instrument :
BNA_N
ClientSampleId :
GCP83MSD

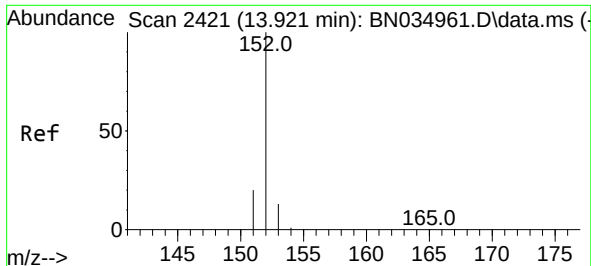
Tgt Ion:142 Resp: 4144
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:142 Resp: 4179
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8

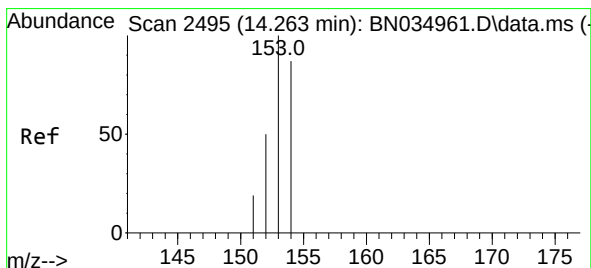
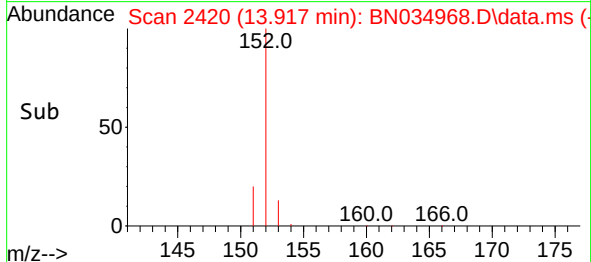
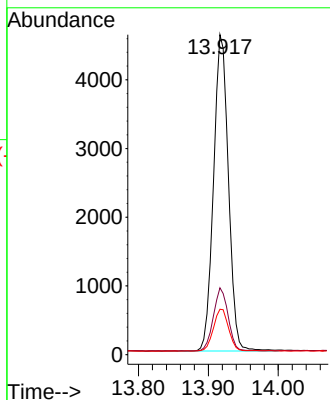
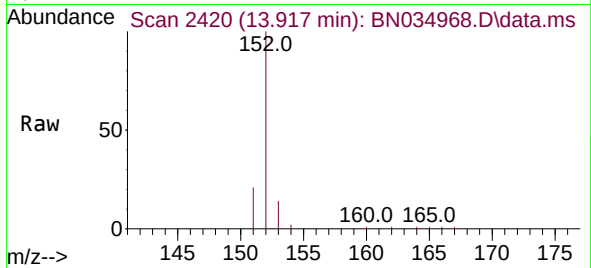




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 13.917 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

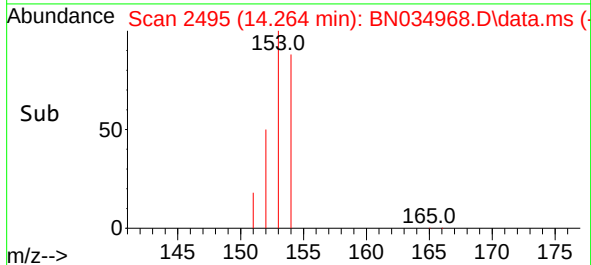
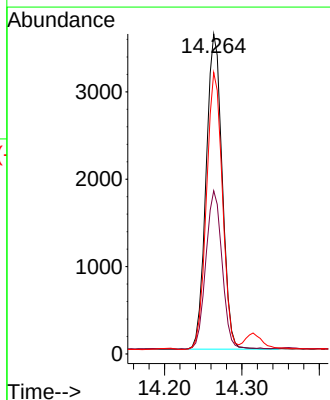
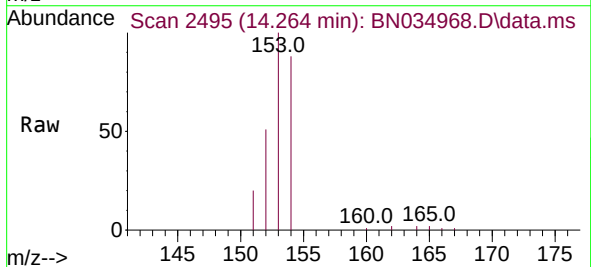
Instrument :
BNA_N
ClientSampleId :
GCP83MSD

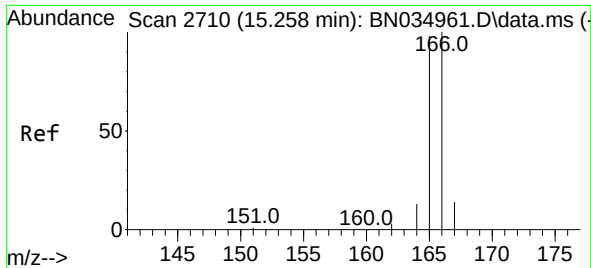
Tgt Ion:152 Resp: 6817
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.2 11.0 16.6



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.264 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:153 Resp: 5194
Ion Ratio Lower Upper
153 100
152 51.0 41.5 62.3
154 88.0 70.9 106.3

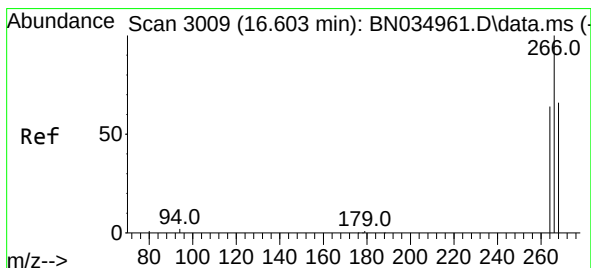
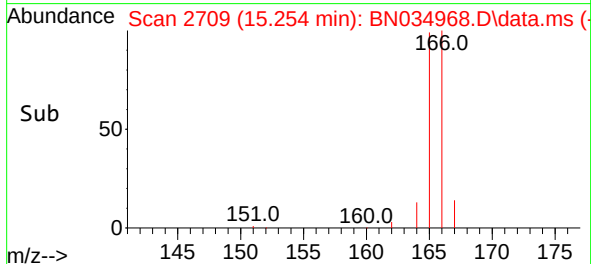
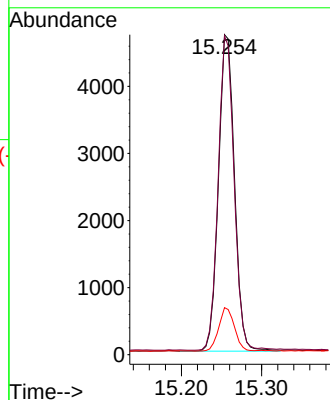
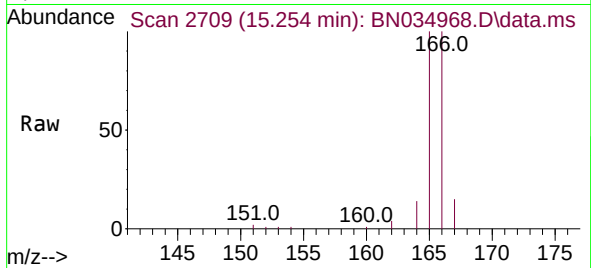




#12
 Fluorene
 Concen: 0.349 ng/ul
 RT: 15.254 min Scan# 2710
 Delta R.T. -0.009 min
 Lab File: BN034968.D
 Acq: 10 Nov 2024 07:59

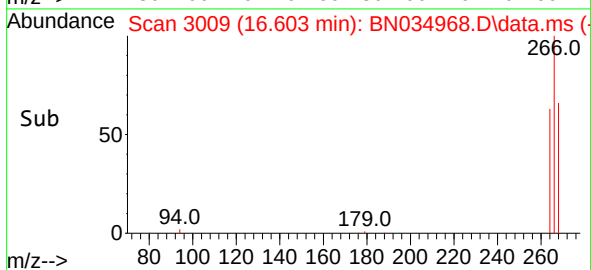
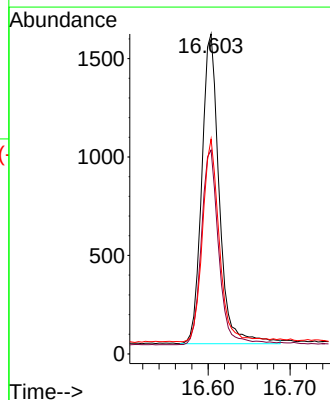
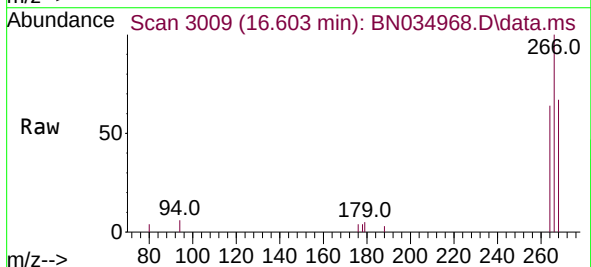
Instrument :
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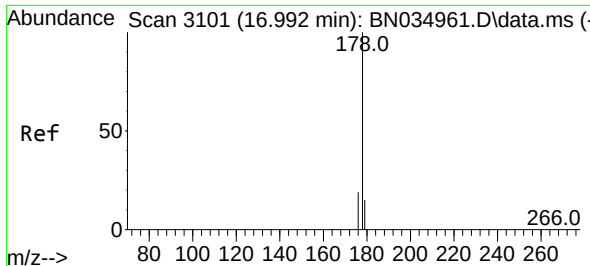
Tgt Ion:166 Resp: 6548
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.0 118.4
 167 14.7 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.885 ng/ul
 RT: 16.603 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BN034968.D
 Acq: 10 Nov 2024 07:59

Tgt Ion:266 Resp: 2329
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.2 75.2
 268 63.2 48.4 72.6

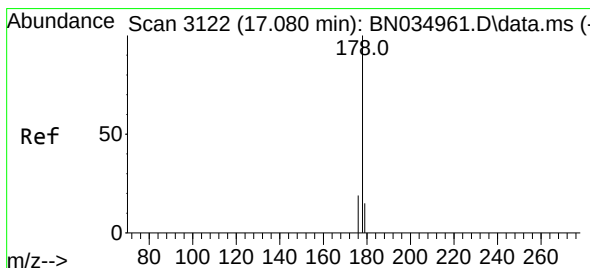
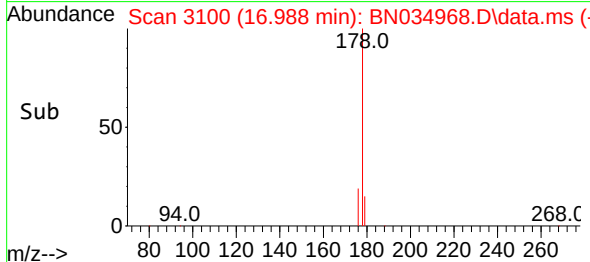
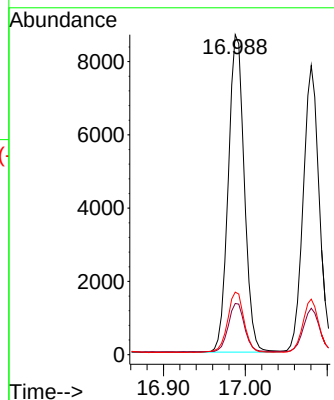
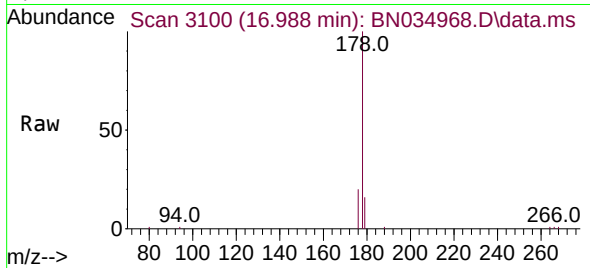




#15
Phenanthrene
Concen: 0.388 ng/u1
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

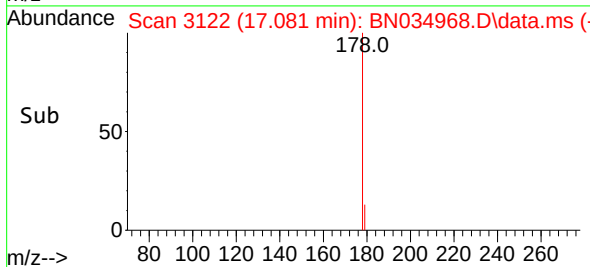
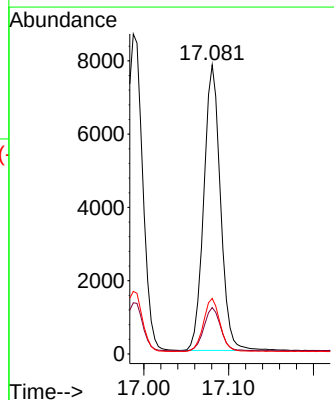
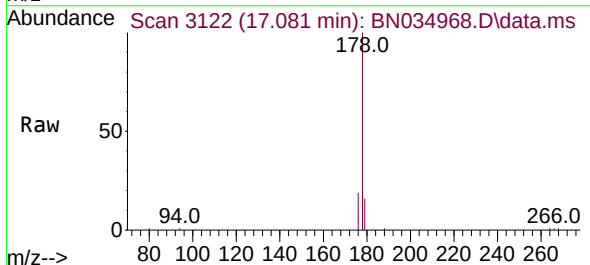
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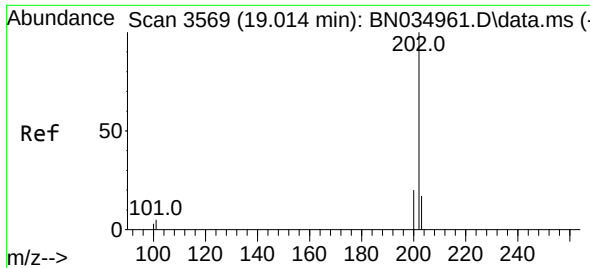
Tgt Ion:178 Resp: 11795
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.373 ng/u1
RT: 17.081 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:178 Resp: 10655
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 15.8 23.8

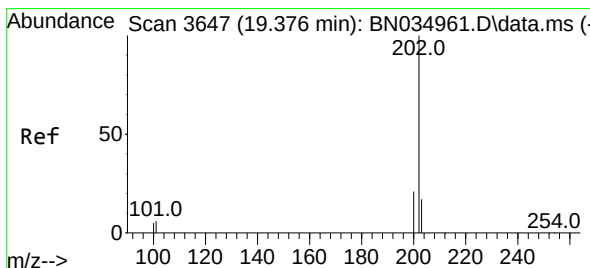
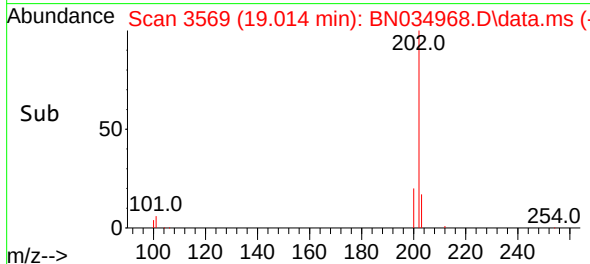
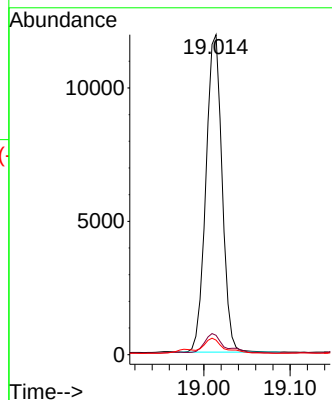
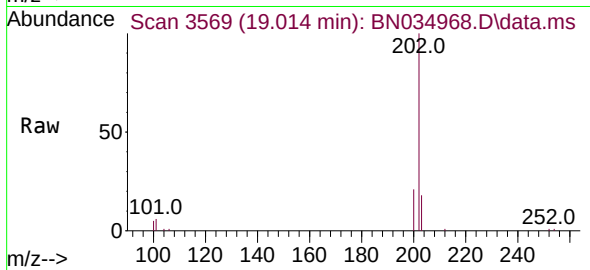




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. -0.004 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

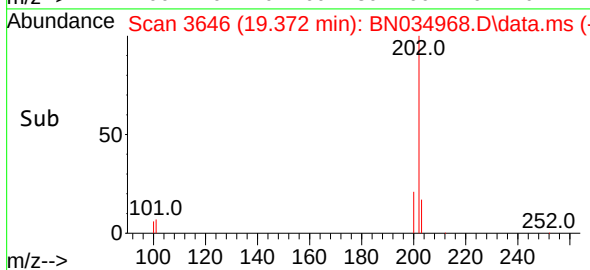
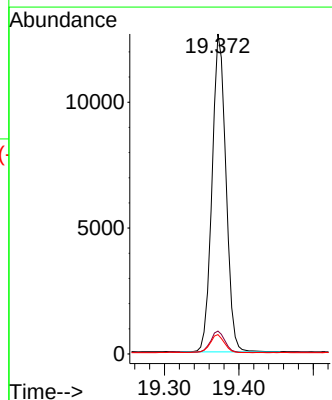
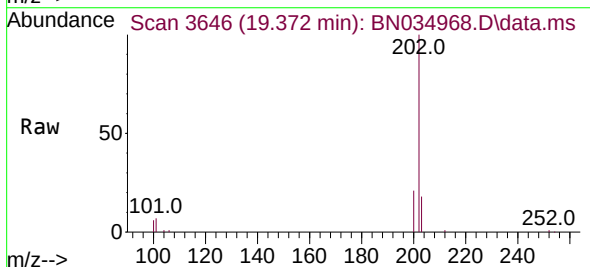
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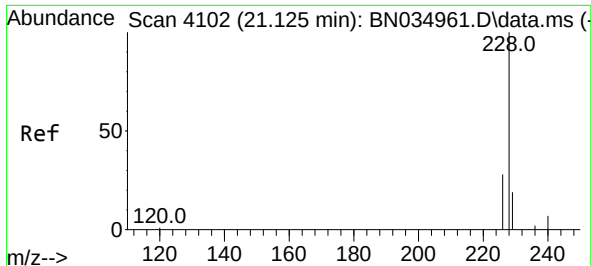
Tgt Ion:202 Resp: 15505
Ion Ratio Lower Upper
202 100
101 6.0 4.2 6.2
100 4.6 3.2 4.8



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:202 Resp: 16404
Ion Ratio Lower Upper
202 100
101 7.1 5.0 7.4
100 6.0 4.1 6.1

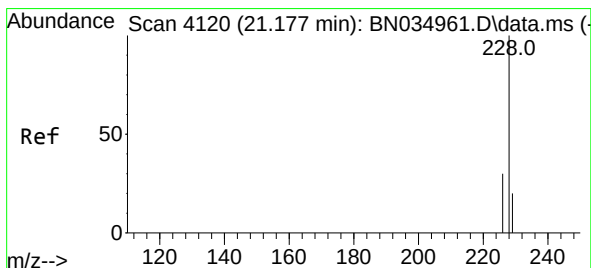
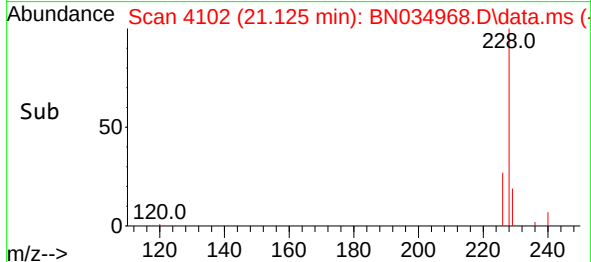
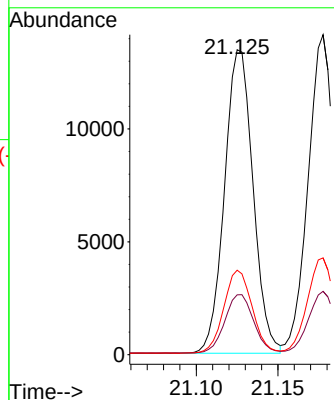
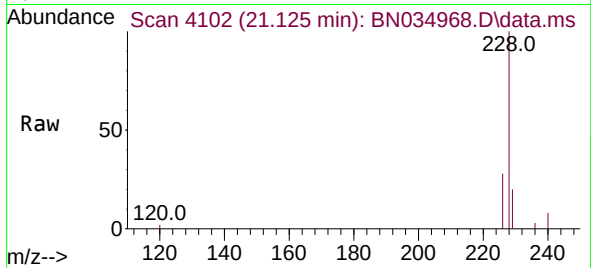




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

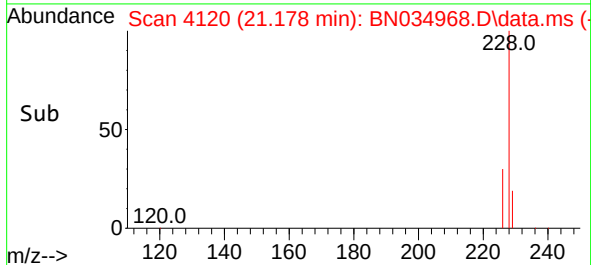
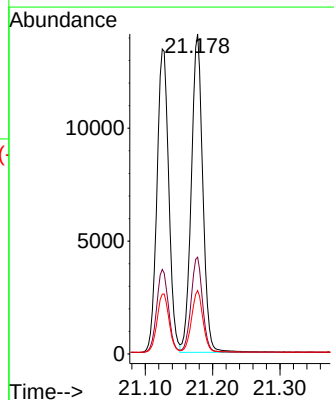
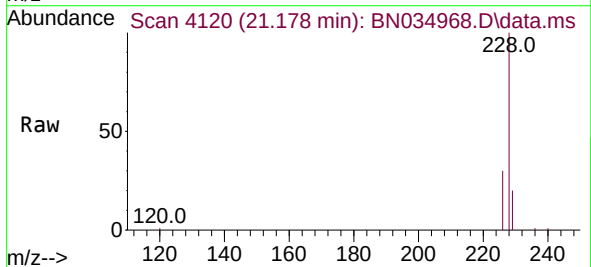
Instrument :
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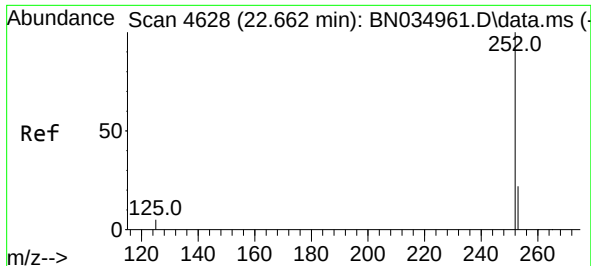
Tgt Ion:228	Resp:	16331
Ion Ratio	Lower	Upper
228	100	
229	19.6	15.8 23.8
226	27.7	22.2 33.2



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:228	Resp:	16655
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.2 36.4
229	19.8	15.4 23.2

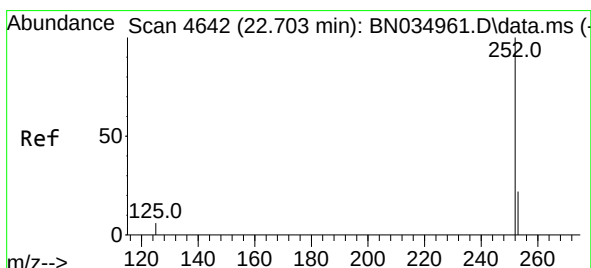
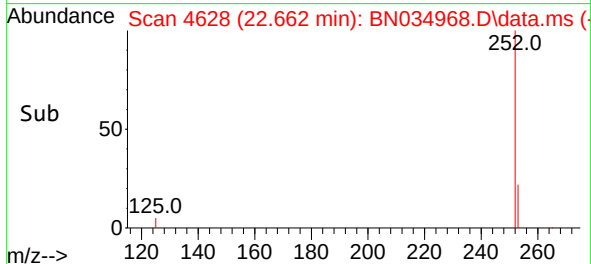
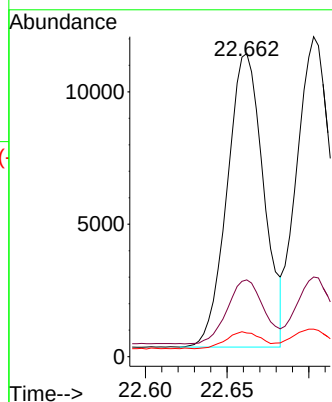
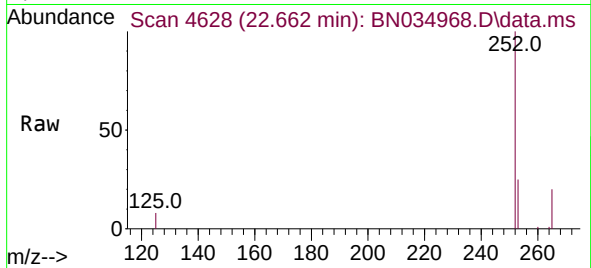




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

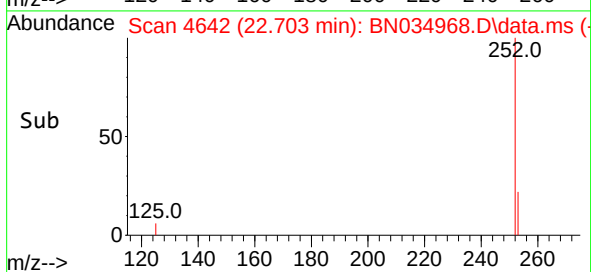
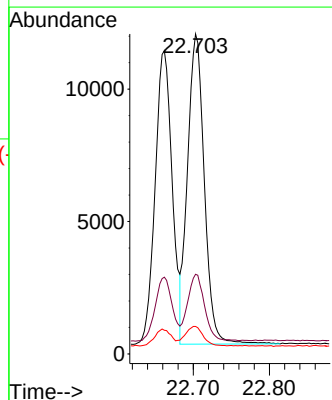
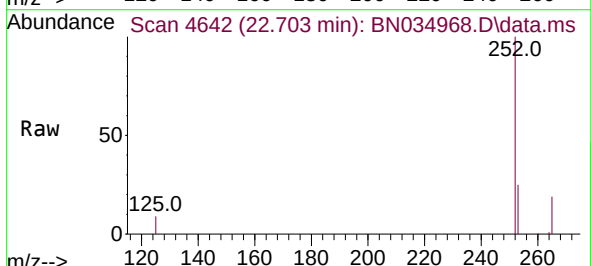
Instrument :
BNA_N
ClientSampleId :
GCP83MSD

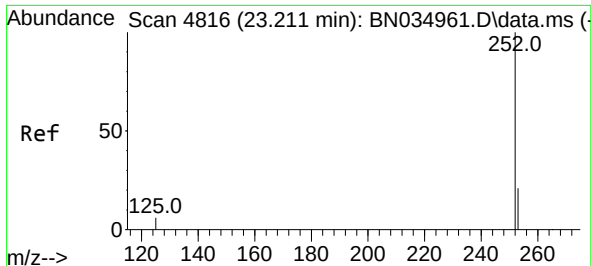
Tgt Ion:252 Resp: 17219
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.0
125 7.8 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:252 Resp: 17910
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 8.6 5.8 8.8

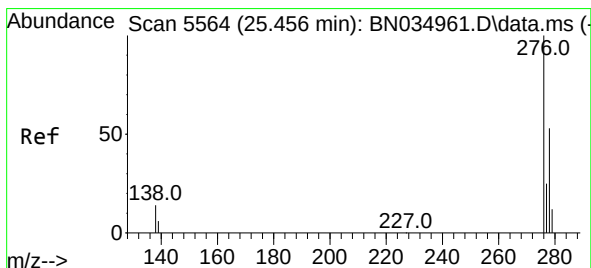
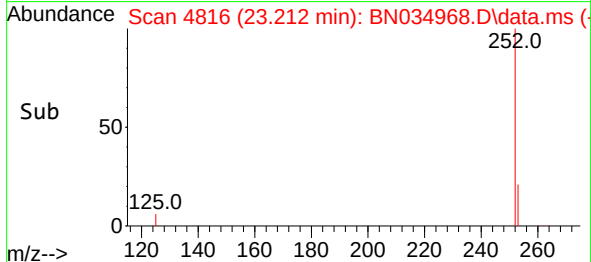
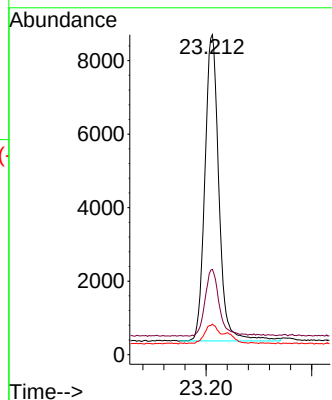
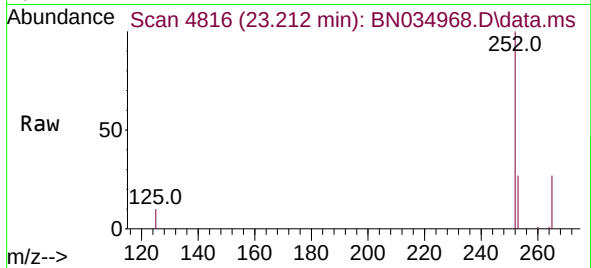




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.212 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

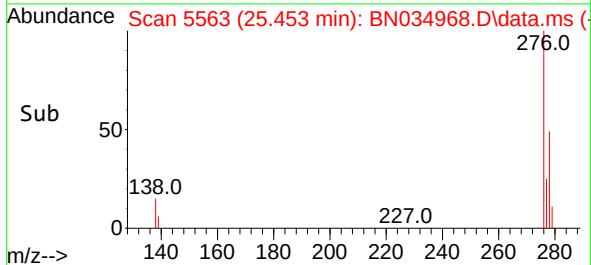
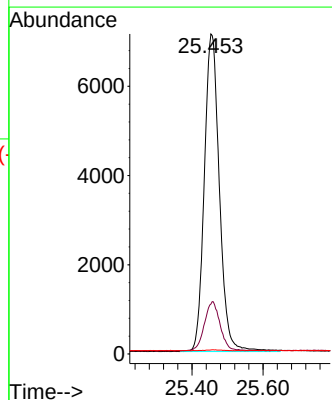
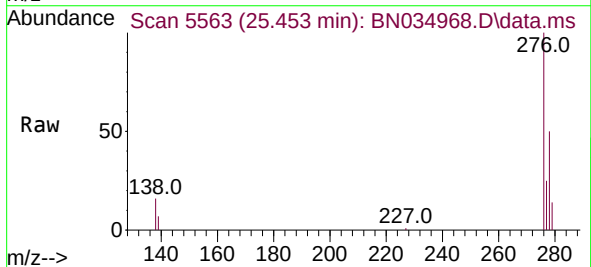
Instrument :
BNA_N
ClientSampleId :
GCP83MSD

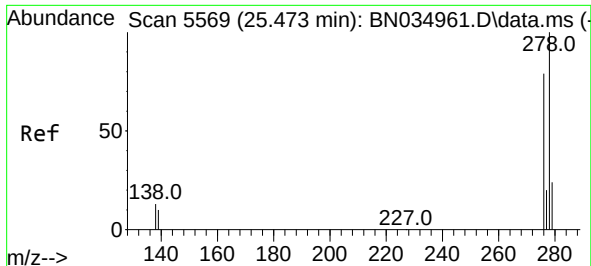
Tgt Ion:252 Resp: 15368
Ion Ratio Lower Upper
252 100
253 26.6 21.2 31.8
125 9.6 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 25.453 min Scan# 5563
Delta R.T. -0.017 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:276 Resp: 20950
Ion Ratio Lower Upper
276 100
138 16.0 10.8 16.2
227 0.3 0.2 0.4

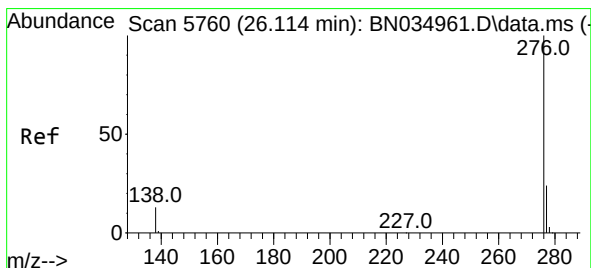
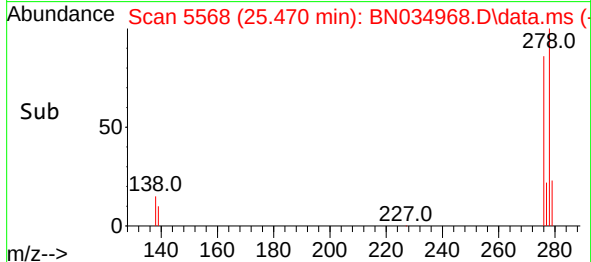
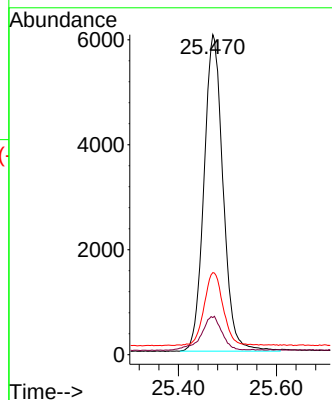
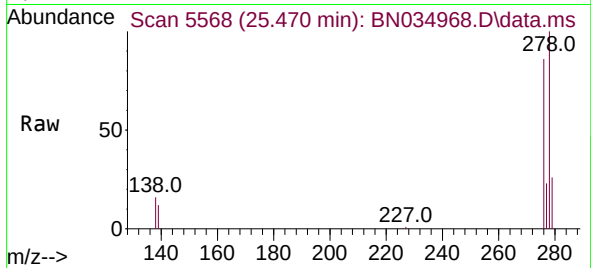




#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.470 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Instrument :
BNA_N
ClientSampleId :
GCP83MSD

Tgt Ion:278 Resp: 16306
Ion Ratio Lower Upper
278 100
139 11.6 8.4 12.6
279 25.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 26.107 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BN034968.D
Acq: 10 Nov 2024 07:59

Tgt Ion:276 Resp: 16253
Ion Ratio Lower Upper
276 100
138 14.8 10.3 15.5
277 24.9 20.2 30.2

