

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034951.D
 Acq On : 09 Nov 2024 21:13
 Operator : RC/JU
 Sample : P4744-19MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCP72MSD

Quant Time: Nov 09 22:53:54 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)

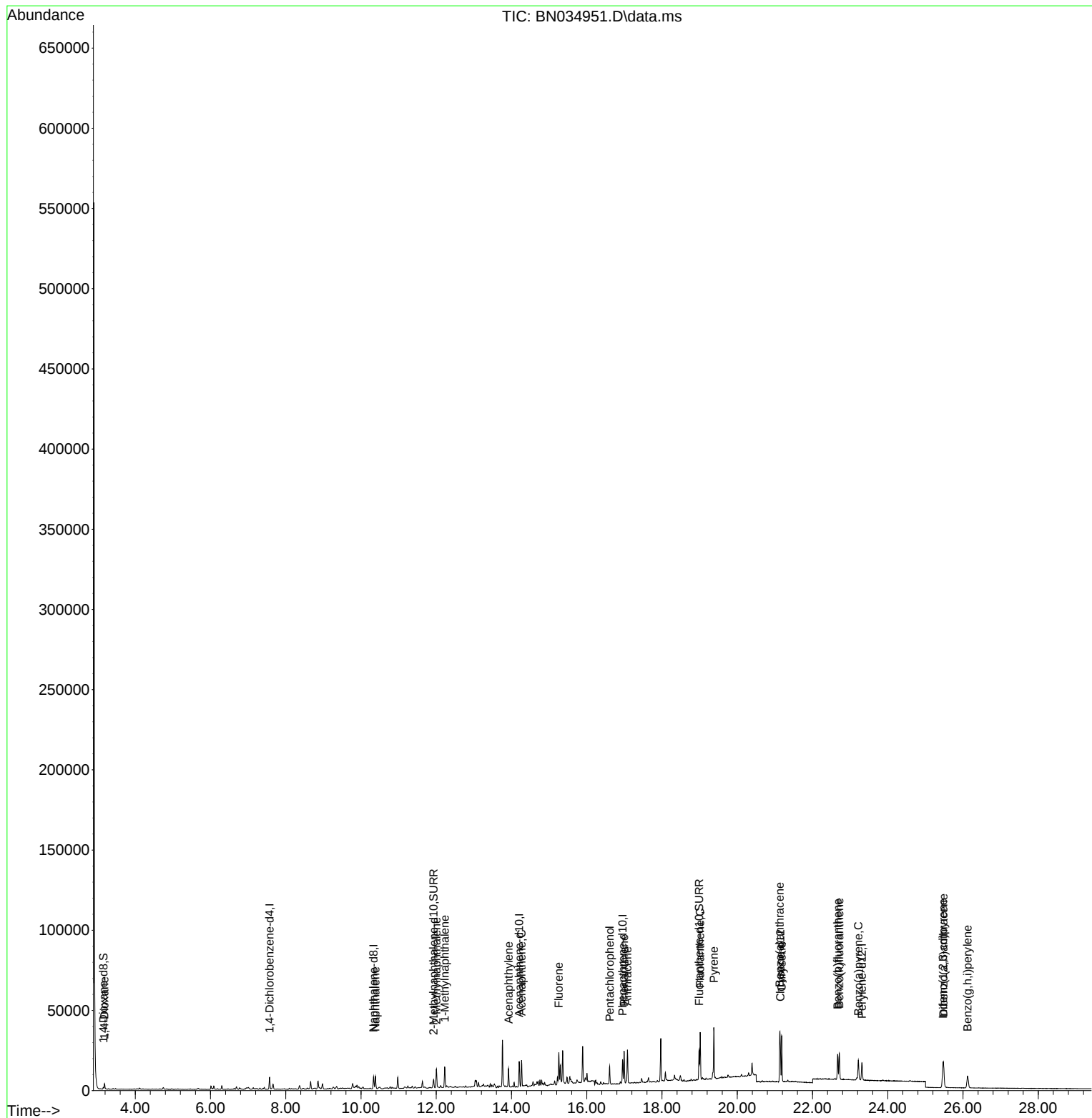
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	3632	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	9917	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.203	164	8427	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	18107	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.145	240	15464	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	13496	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	795	0.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	6291	0.414	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	21597	0.544	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.182	88	2435	0.643	ng/ul#	83
5) Naphthalene	10.383	128	9887	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.005	142	7841	0.423	ng/ul	97
8) 1-Methylnaphthalene	12.225	142	7919	0.426	ng/ul	98
10) Acenaphthylene	13.921	152	12440	0.361	ng/ul	97
11) Acenaphthene	14.268	153	9186	0.352	ng/ul	98
12) Fluorene	15.258	166	11418	0.344	ng/ul	97
14) Pentachlorophenol	16.607	266	6496	1.552	ng/ul	98
15) Phenanthrene	16.992	178	20031	0.414	ng/ul#	92
16) Anthracene	17.080	178	19262	0.424	ng/ul#	92
19) Fluoranthene	19.014	202	25856	0.500	ng/ul#	93
20) Pyrene	19.376	202	28086	0.524	ng/ul#	94
21) Benzo(a)anthracene	21.131	228	24189	0.432	ng/ul#	92
22) Chrysene	21.180	228	23014	0.403	ng/ul#	91
24) Benzo(b)fluoranthene	22.668	252	19999	0.421	ng/ul	89
25) Benzo(k)fluoranthene	22.711	252	20500	0.413	ng/ul#	91
26) Benzo(a)pyrene	23.217	252	17200	0.406	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.466	276	20303	0.392	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.480	278	15909	0.394	ng/ul#	94
29) Benzo(g,h,i)perylene	26.120	276	15519	0.392	ng/ul#	95

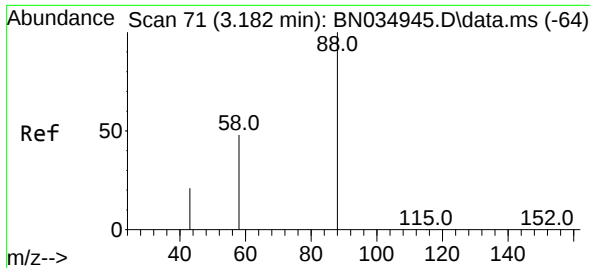
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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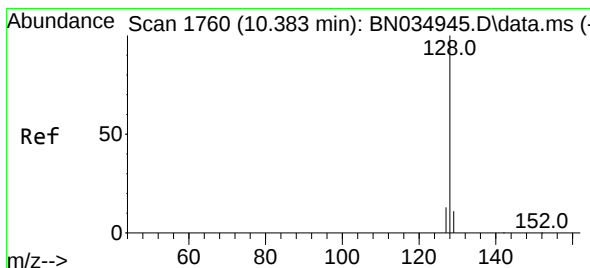
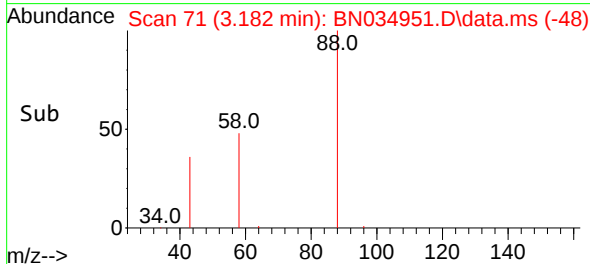
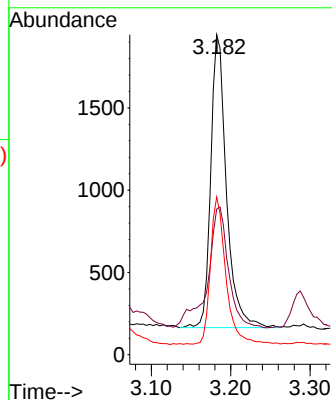
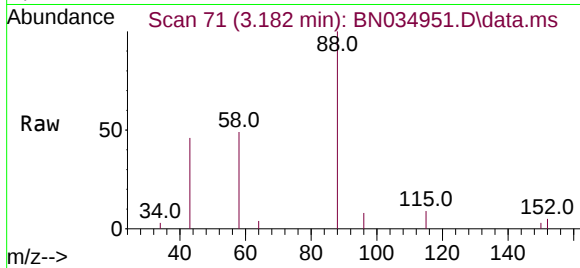




#2
 1,4-Dioxane
 Concen: 0.643 ng/ul
 RT: 3.182 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034951.D
 Acq: 09 Nov 2024 21:13

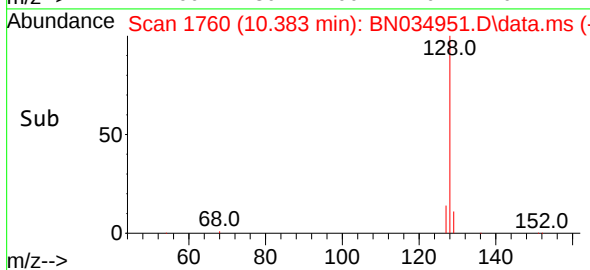
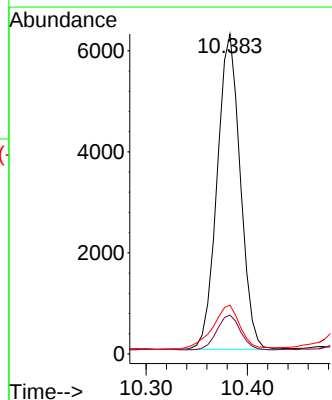
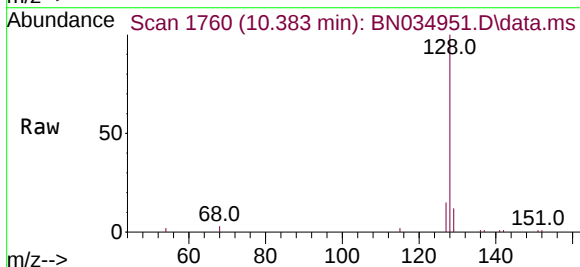
Instrument :
 BNA_N
 ClientSampleId :
 GCP72MSD

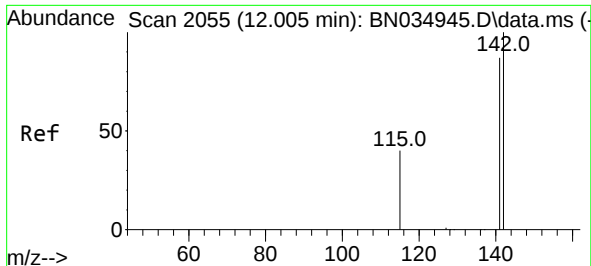
Tgt Ion: 88 Resp: 2435
 Ion Ratio Lower Upper
 88 100
 43 45.5 23.3 34.9#
 58 49.3 35.4 53.2



#5
 Naphthalene
 Concen: 0.398 ng/ul
 RT: 10.383 min Scan# 1760
 Delta R.T. -0.006 min
 Lab File: BN034951.D
 Acq: 09 Nov 2024 21:13

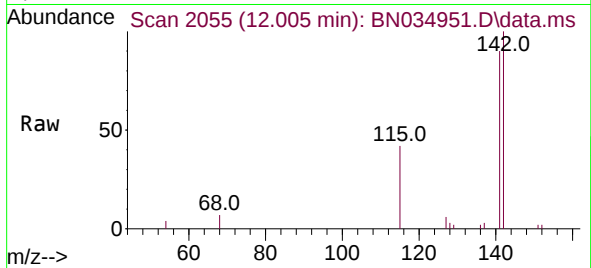
Tgt Ion:128 Resp: 9887
 Ion Ratio Lower Upper
 128 100
 129 12.2 10.1 15.1
 127 15.3 12.1 18.1



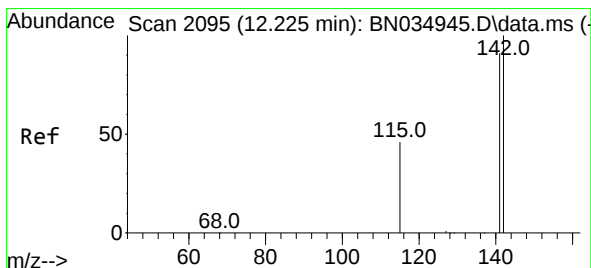
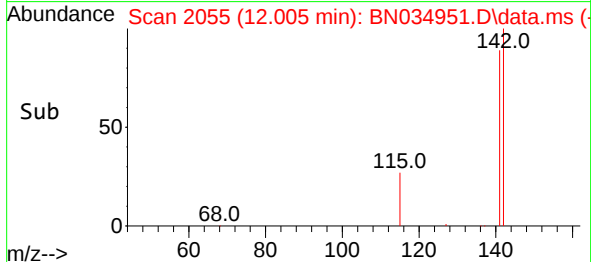
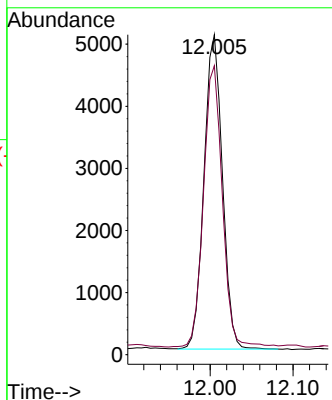


#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Instrument :
BNA_N
ClientSampleId :
GCP72MSD

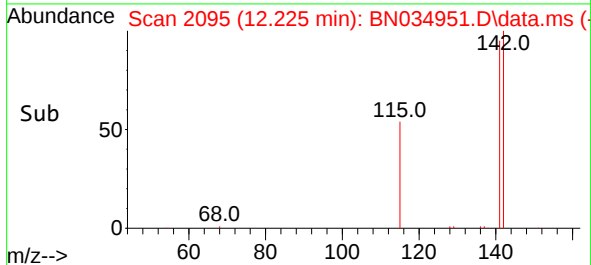
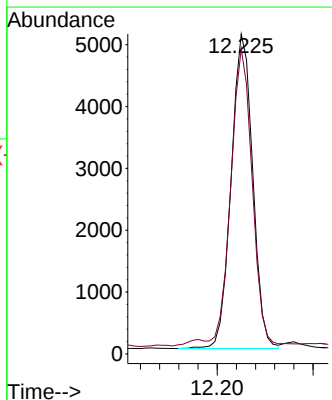
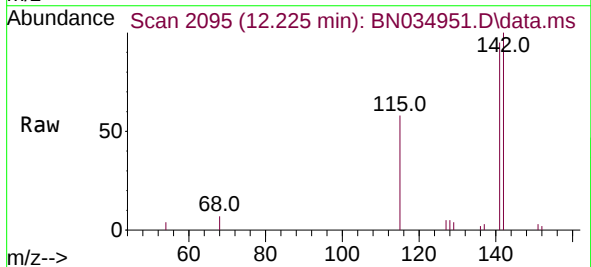


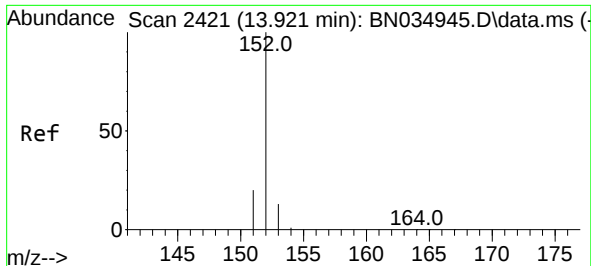
Tgt Ion:142 Resp: 7841
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:142 Resp: 7919
Ion Ratio Lower Upper
142 100
141 91.2 74.6 111.8

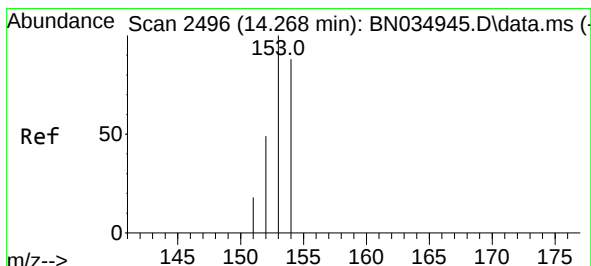
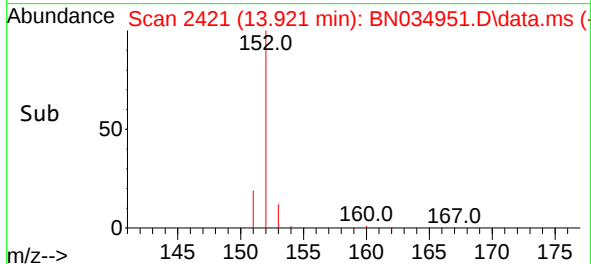
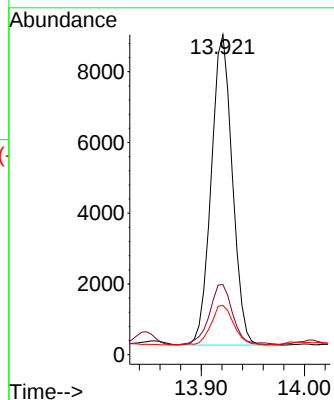
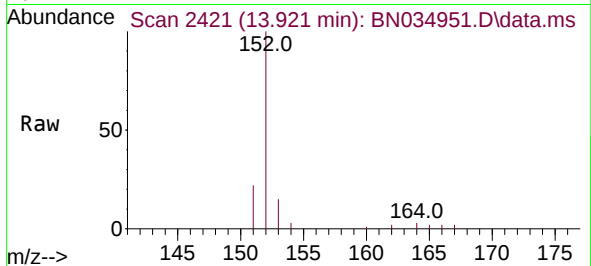




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

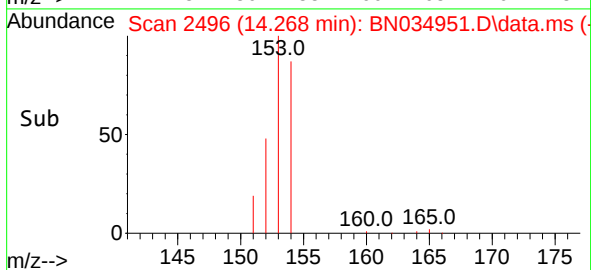
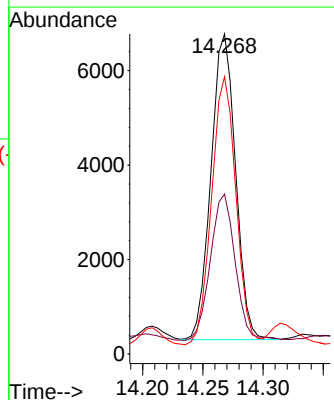
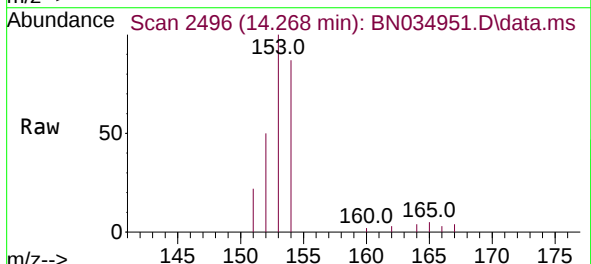
Instrument :
BNA_N
ClientSampleId :
GCP72MSD

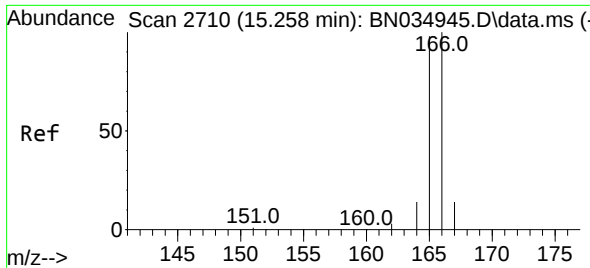
Tgt Ion:	152	Resp:	12440
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.6	24.8
153	15.4	11.0	16.6



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:	153	Resp:	9186
Ion Ratio	Lower	Upper	
153	100		
152	50.0	41.5	62.3
154	86.6	70.9	106.3

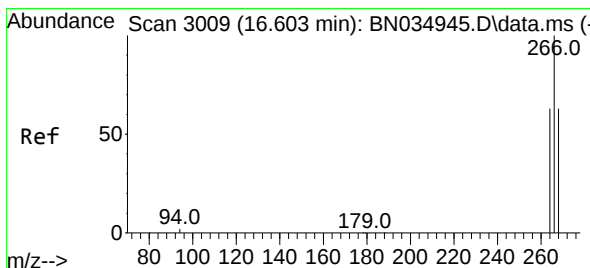
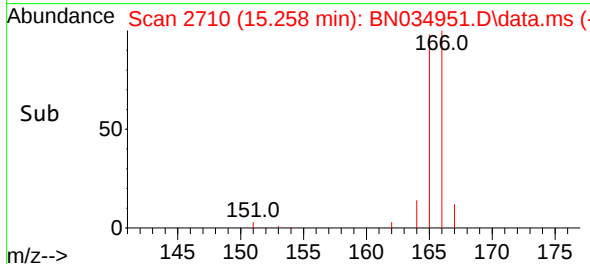
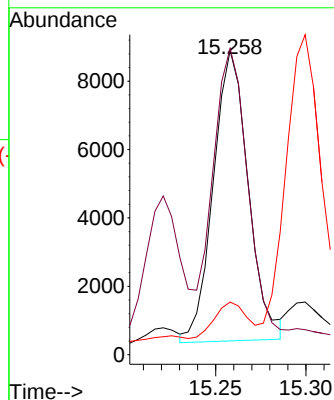
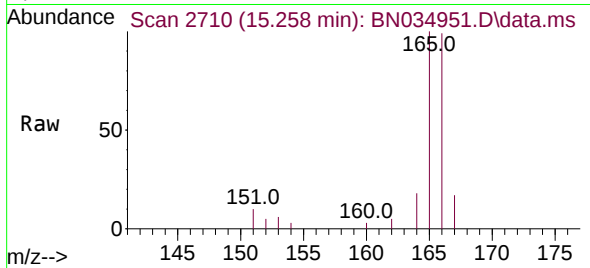




#12
 Fluorene
 Concen: 0.344 ng/ul
 RT: 15.258 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN034951.D
 Acq: 09 Nov 2024 21:13

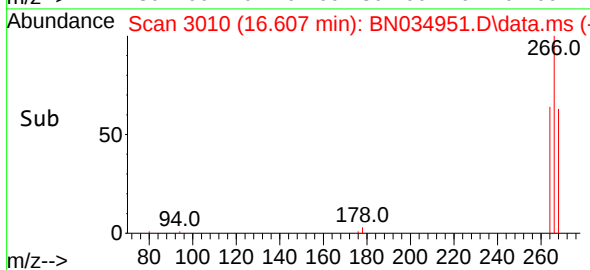
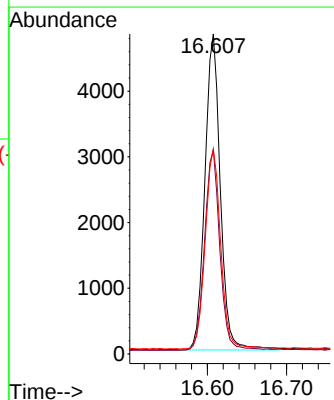
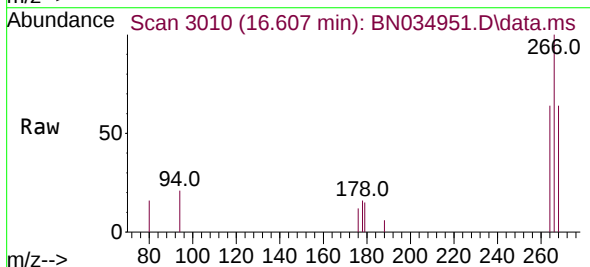
Instrument :
 BNA_N
 ClientSampleId :
 GCP72MSD

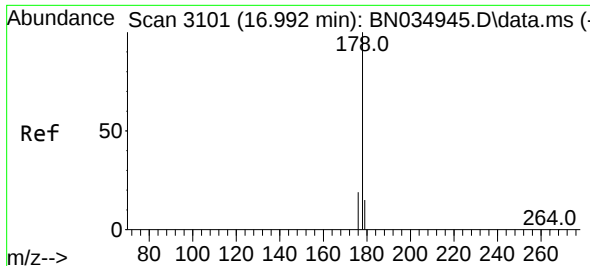
Tgt Ion:	166	Resp:	11418
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.4
167	17.3	11.8	17.6



#14
 Pentachlorophenol
 Concen: 1.552 ng/ul
 RT: 16.607 min Scan# 3010
 Delta R.T. -0.000 min
 Lab File: BN034951.D
 Acq: 09 Nov 2024 21:13

Tgt Ion:	266	Resp:	6496
Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.2
268	63.7	48.4	72.6

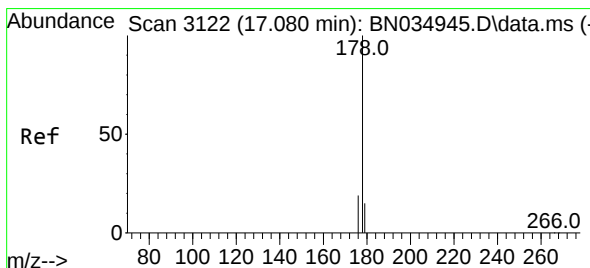
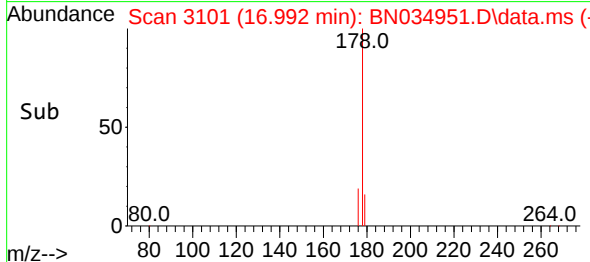
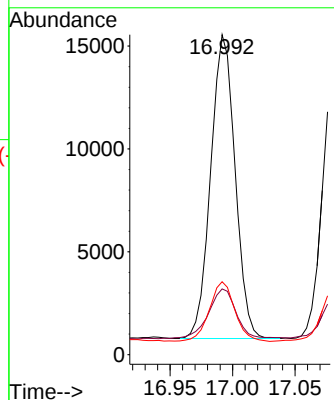
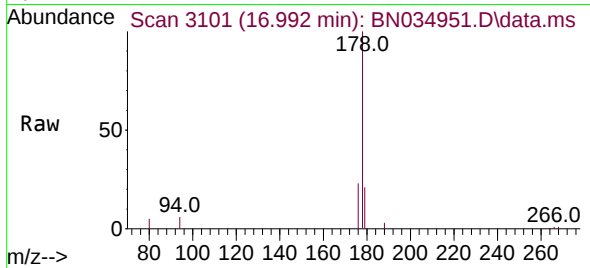




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

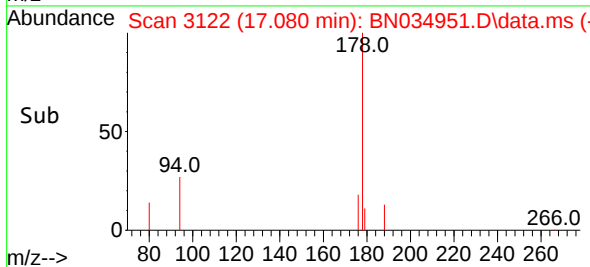
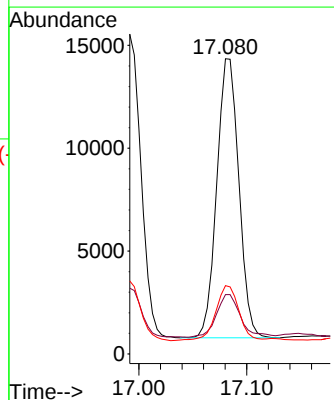
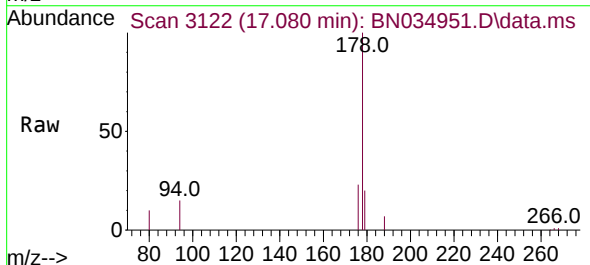
Instrument :
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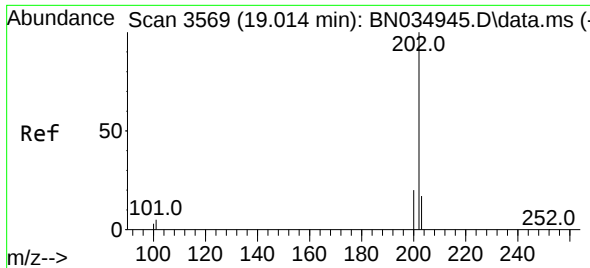
Tgt Ion:178 Resp: 20031
Ion Ratio Lower Upper
178 100
179 20.5 13.4 20.2#
176 22.8 15.8 23.6



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:178 Resp: 19262
Ion Ratio Lower Upper
178 100
179 20.1 13.3 19.9#
176 23.1 15.8 23.8

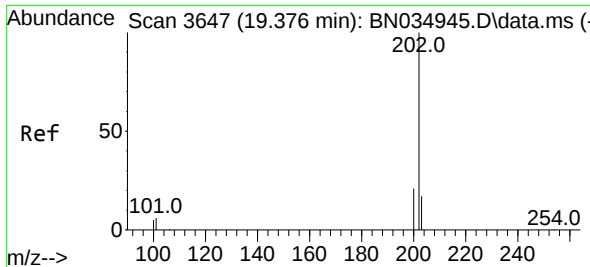
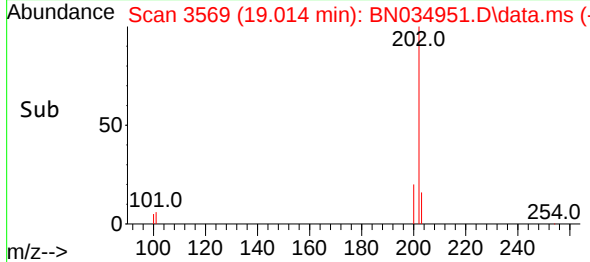
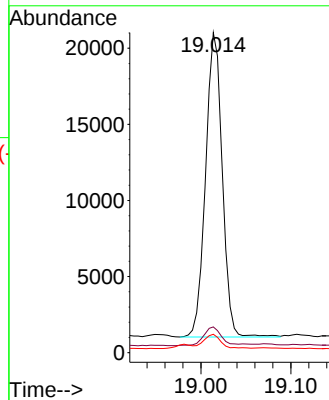
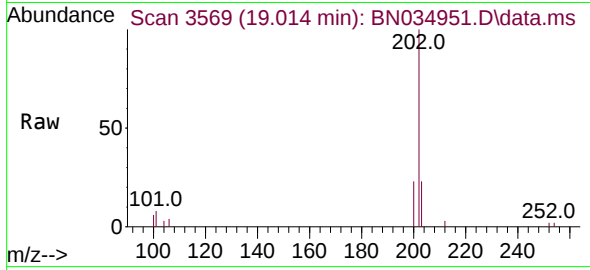




#19
Fluoranthene
Concen: 0.500 ng/u1
RT: 19.014 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

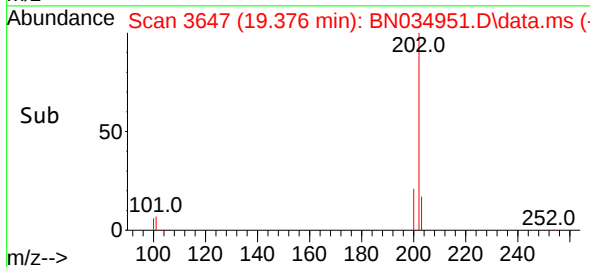
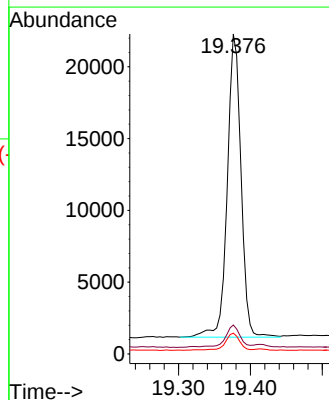
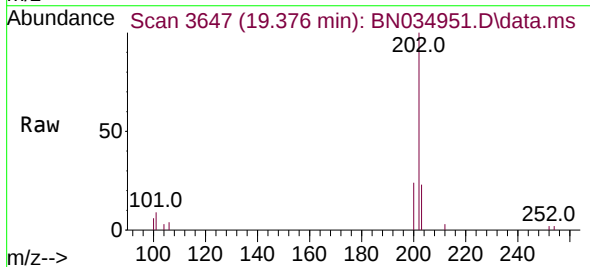
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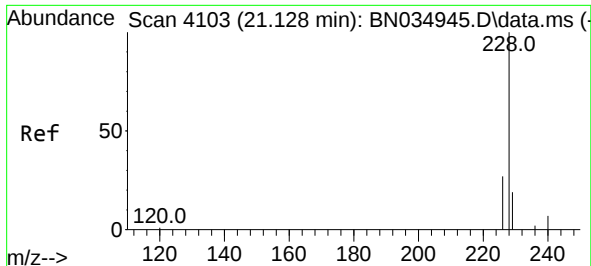
Tgt Ion:202 Resp: 25856
Ion Ratio Lower Upper
202 100
101 8.1 4.2 6.2#
100 5.7 3.2 4.8#



#20
Pyrene
Concen: 0.524 ng/u1
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

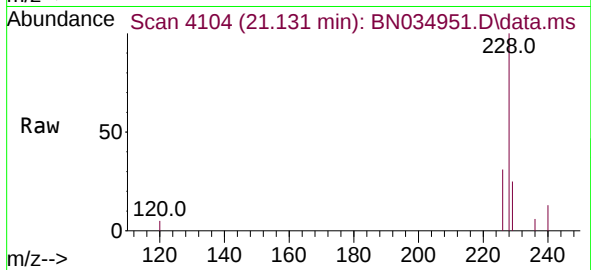
Tgt Ion:202 Resp: 28086
Ion Ratio Lower Upper
202 100
101 9.0 5.0 7.4#
100 6.5 4.1 6.1#



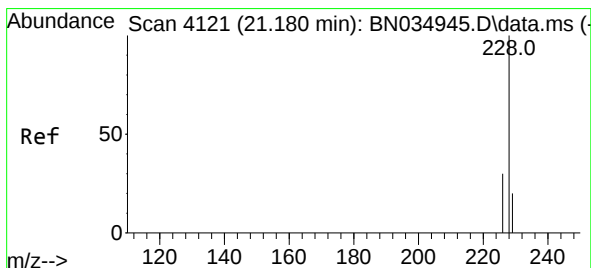
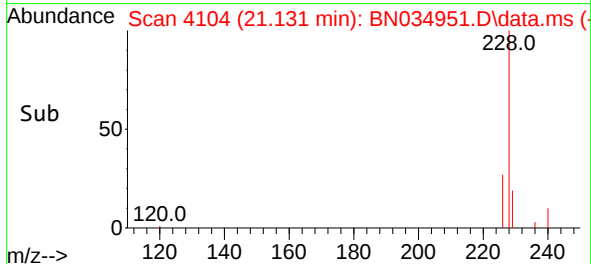
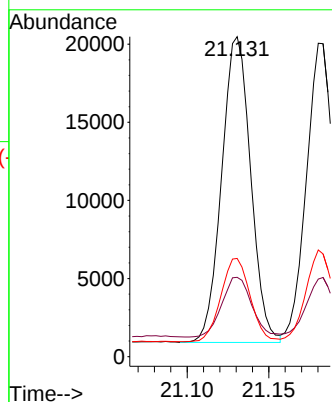


#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.000 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Instrument :
BNA_N
ClientSampleId :
GCP72MSD

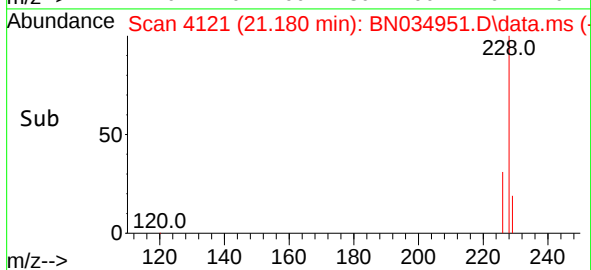
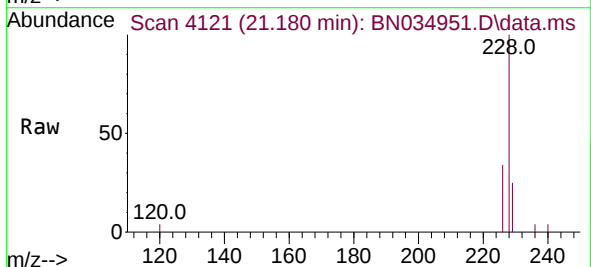
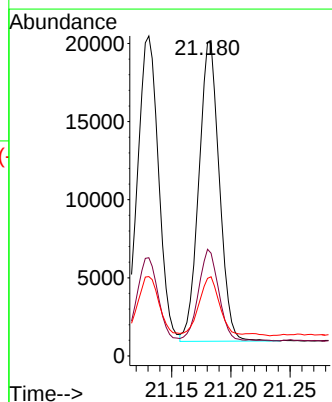


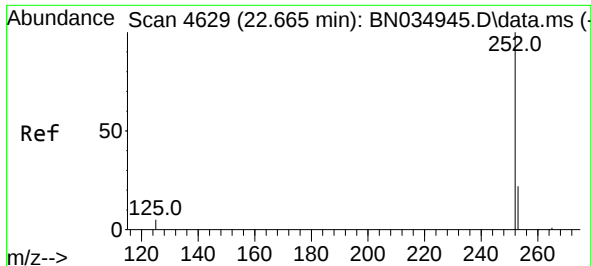
Tgt Ion:228 Resp: 24189
Ion Ratio Lower Upper
228 100
229 24.8 15.8 23.8#
226 30.7 22.2 33.2



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.180 min Scan# 4121
Delta R.T. -0.003 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:228 Resp: 23014
Ion Ratio Lower Upper
228 100
226 34.0 24.2 36.4
229 24.8 15.4 23.2#

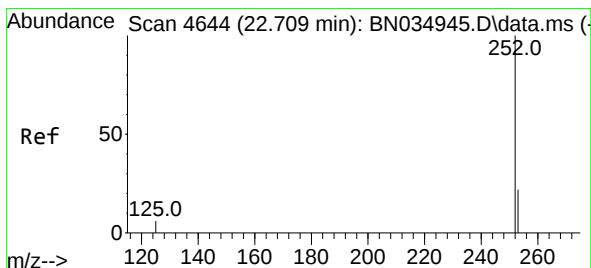
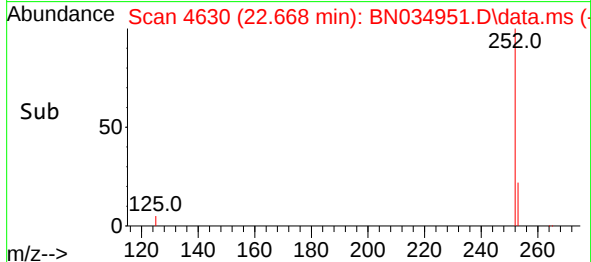
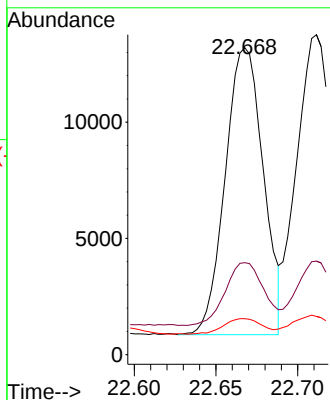
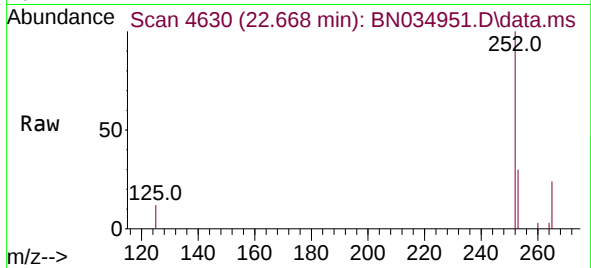




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.668 min Scan# 4630
Delta R.T. -0.003 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

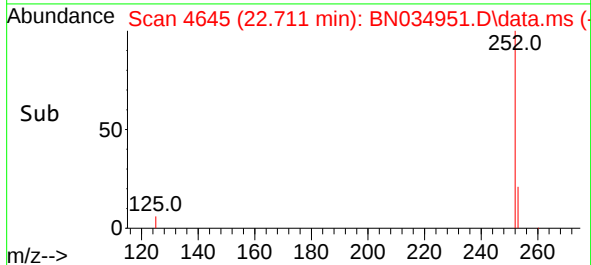
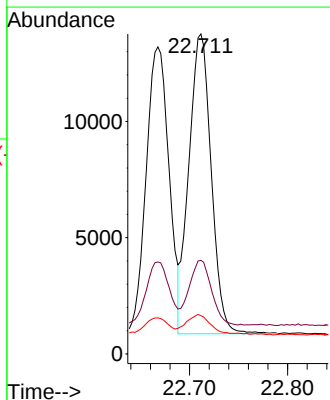
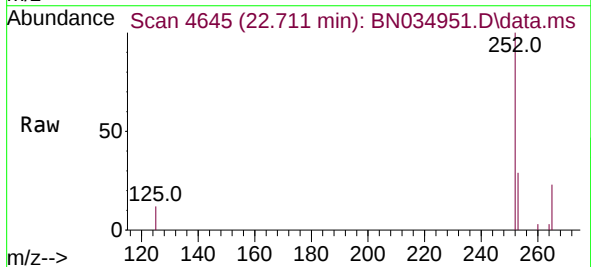
Instrument :
BNA_N
ClientSampleId :
GCP72MSD

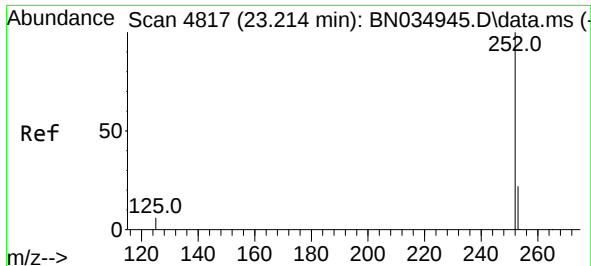
Tgt Ion:252 Resp: 19999
Ion Ratio Lower Upper
252 100
253 29.9 0.0 50.0
125 11.7 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 22.711 min Scan# 4645
Delta R.T. -0.000 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

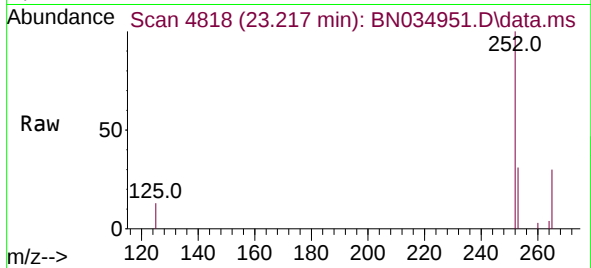
Tgt Ion:252 Resp: 20500
Ion Ratio Lower Upper
252 100
253 29.3 20.2 30.4
125 11.9 5.8 8.8#



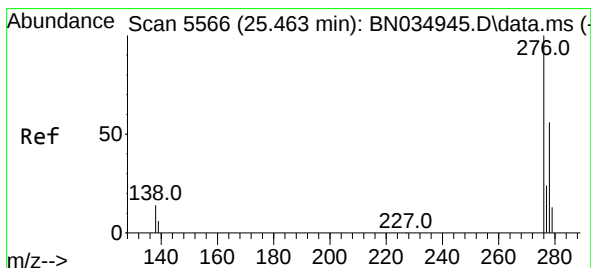
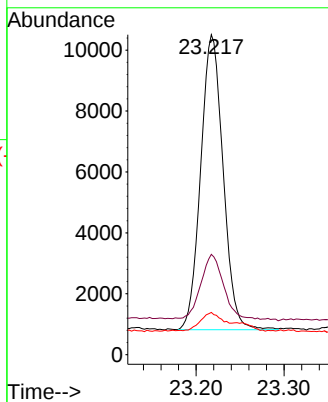
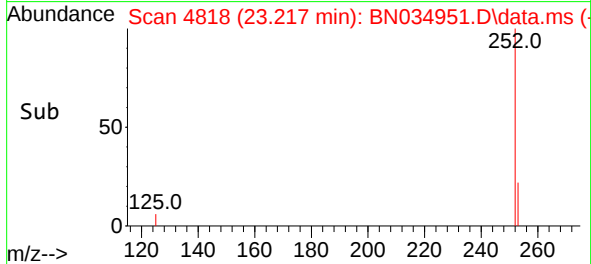


#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.217 min Scan# 4818
Delta R.T. -0.000 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Instrument :
BNA_N
ClientSampleId :
GCP72MSD

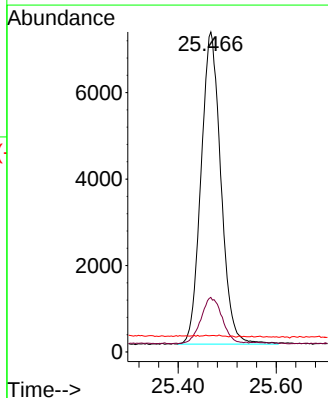
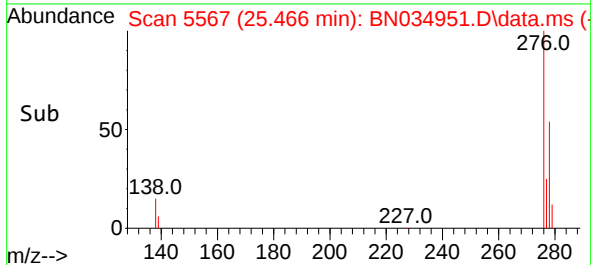
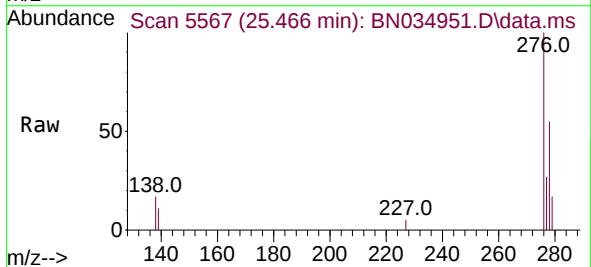


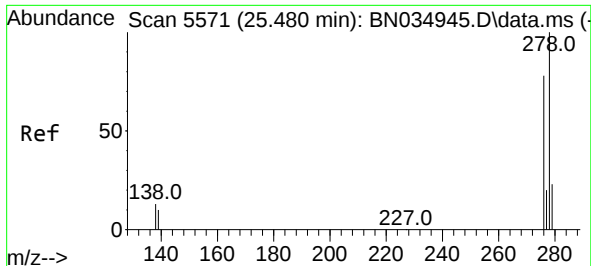
Tgt Ion:252 Resp: 17200
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 13.2 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.466 min Scan# 5567
Delta R.T. -0.003 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:276 Resp: 20303
Ion Ratio Lower Upper
276 100
138 15.8 10.8 16.2
227 0.4 0.2 0.4#

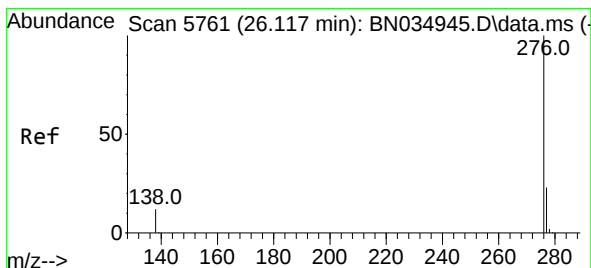
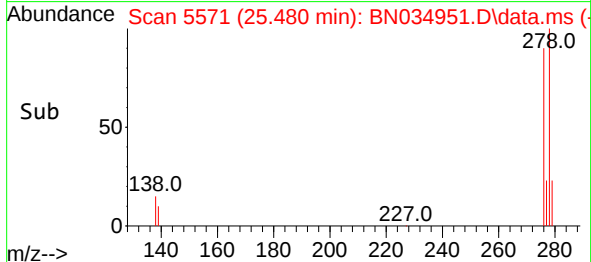
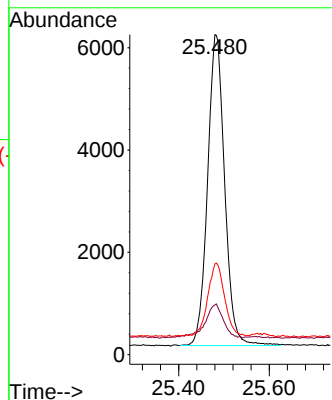
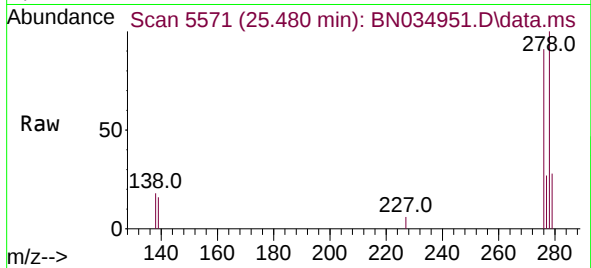




#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.480 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Instrument :
BNA_N
ClientSampleId :
GCP72MSD

Tgt Ion:278 Resp: 15909
Ion Ratio Lower Upper
278 100
139 15.5 8.4 12.6#
279 28.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 26.120 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BN034951.D
Acq: 09 Nov 2024 21:13

Tgt Ion:276 Resp: 15519
Ion Ratio Lower Upper
276 100
138 15.9 10.3 15.5#
277 27.3 20.2 30.2

