

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034950.D
 Acq On : 09 Nov 2024 20:37
 Operator : RC/JU
 Sample : P4744-18MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCP72MS

Quant Time: Nov 09 22:53:43 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)

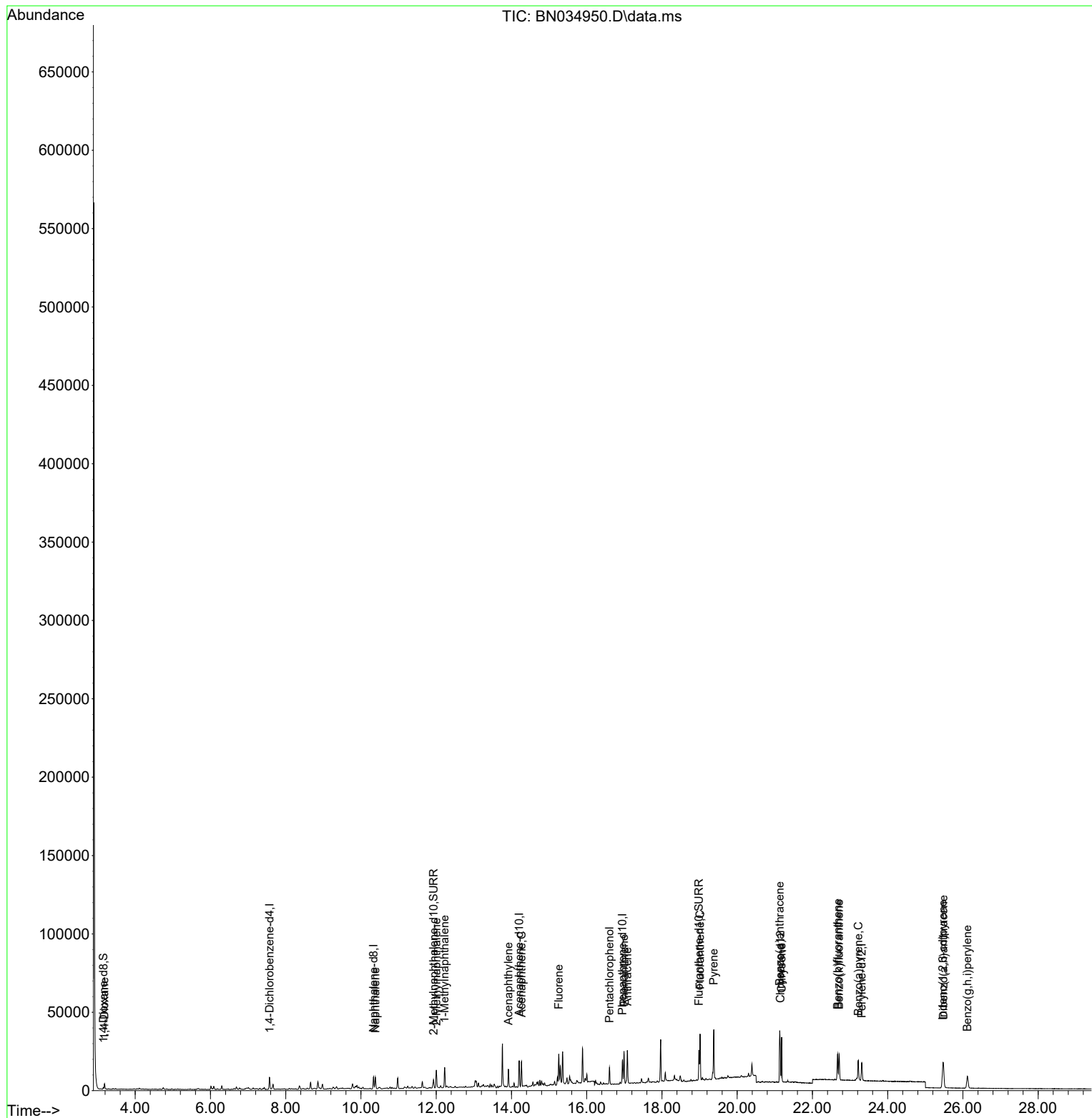
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	3681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	10170	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.203	164	8727	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	18838	0.400	ng/ul #	0.00
17) Chrysene-d12	21.145	240	16238	0.400	ng/ul #	0.00
23) Perylene-d12	23.311	264	14021	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	776	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	6105	0.392	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	21794	0.523	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.183	88	2493	0.649	ng/ul#	85
5) Naphthalene	10.383	128	9740	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.005	142	7828	0.412	ng/ul	98
8) 1-Methylnaphthalene	12.225	142	7764	0.407	ng/ul	98
10) Acenaphthylene	13.921	152	12309	0.345	ng/ul	97
11) Acenaphthene	14.268	153	9085	0.336	ng/ul	98
12) Fluorene	15.258	166	13438	0.391	ng/ul	97
14) Pentachlorophenol	16.603	266	6510	1.495	ng/ul	97
15) Phenanthrene	16.992	178	20361	0.404	ng/ul#	93
16) Anthracene	17.080	178	19460	0.411	ng/ul	93
19) Fluoranthene	19.014	202	25982	0.479	ng/ul#	94
20) Pyrene	19.376	202	28590	0.508	ng/ul#	94
21) Benzo(a)anthracene	21.131	228	24355	0.414	ng/ul#	93
22) Chrysene	21.180	228	23038	0.384	ng/ul#	92
24) Benzo(b)fluoranthene	22.668	252	20356	0.413	ng/ul	91
25) Benzo(k)fluoranthene	22.709	252	20348	0.394	ng/ul#	91
26) Benzo(a)pyrene	23.217	252	17535	0.398	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.467	276	20152	0.374	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.480	278	15871	0.378	ng/ul#	94
29) Benzo(g,h,i)perylene	26.117	276	15451	0.375	ng/ul#	97

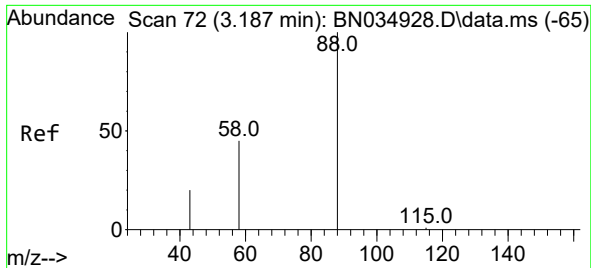
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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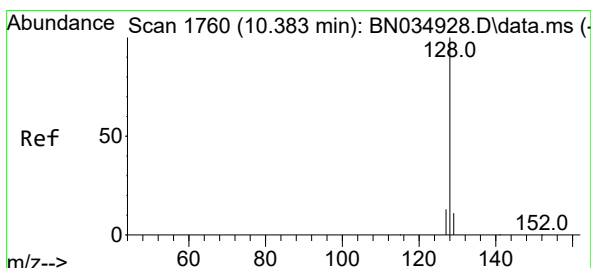
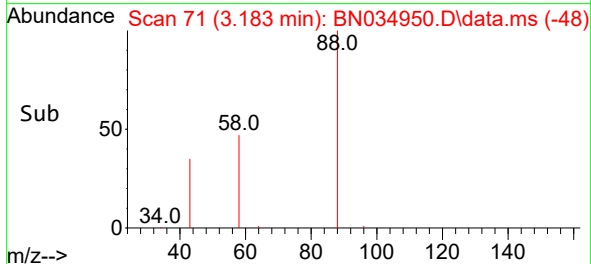
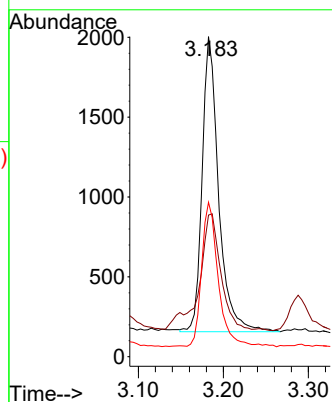
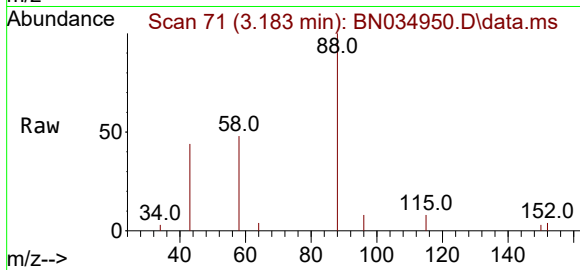




#2
1,4-Dioxane
Concen: 0.649 ng/ul
RT: 3.183 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

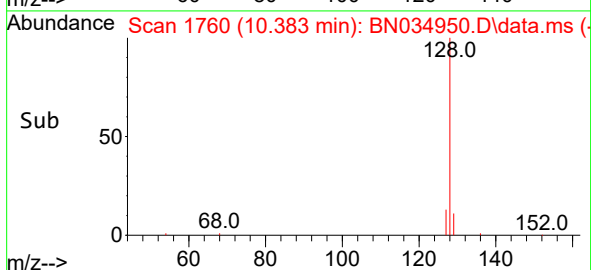
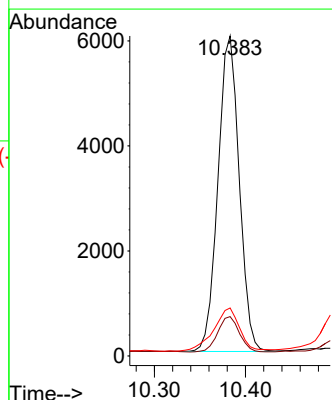
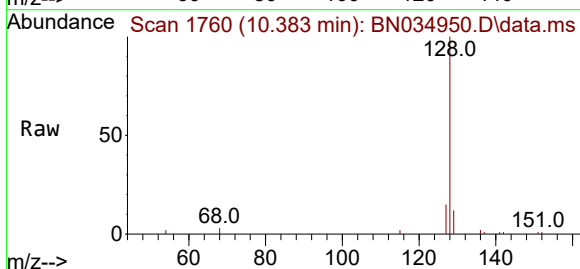
Instrument :
BNA_N
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GCP72MS

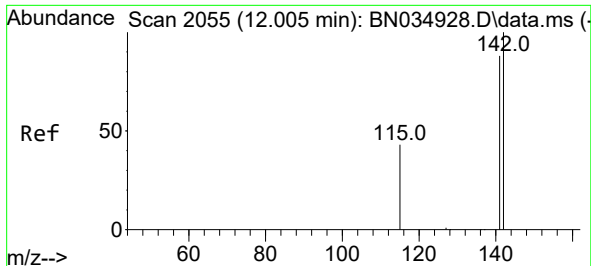
Tgt Ion: 88 Resp: 2493
Ion Ratio Lower Upper
88 100
43 44.3 23.3 34.9#
58 48.3 35.4 53.2



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.383 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:128 Resp: 9740
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 15.0 12.1 18.1

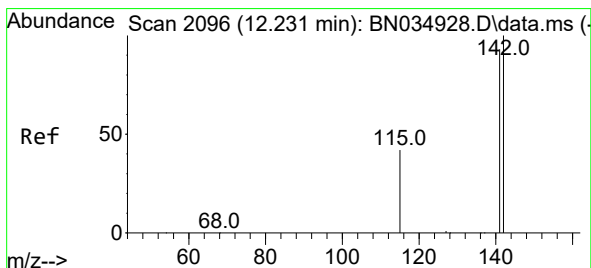
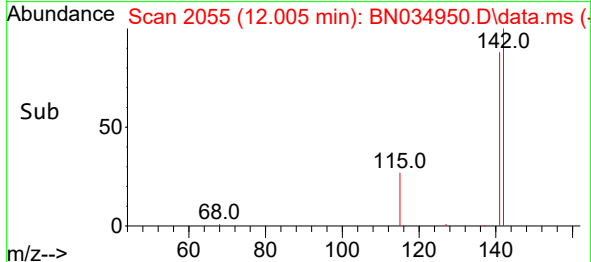
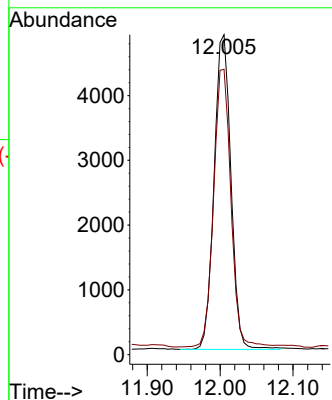
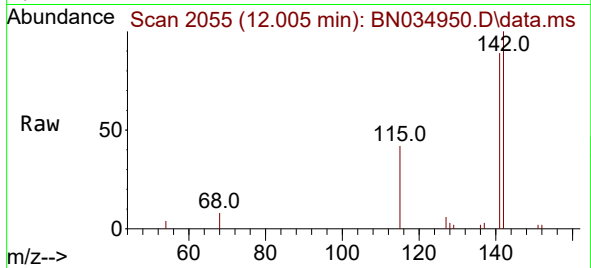




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

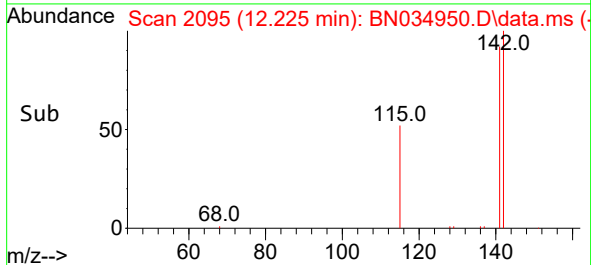
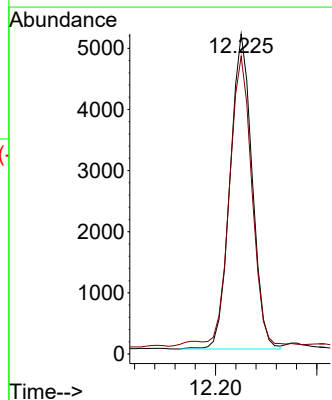
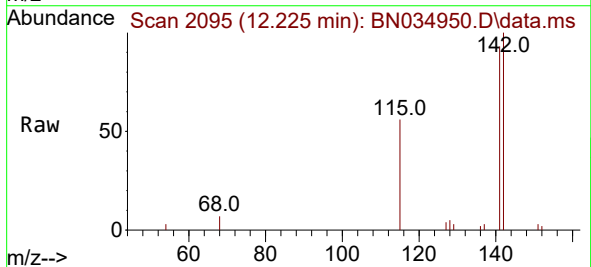
Instrument :
BNA_N
ClientSampleId :
GCP72MS

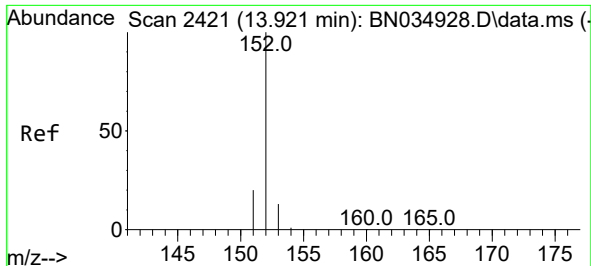
Tgt Ion:142 Resp: 7828
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:142 Resp: 7764
Ion Ratio Lower Upper
142 100
141 95.2 74.6 111.8

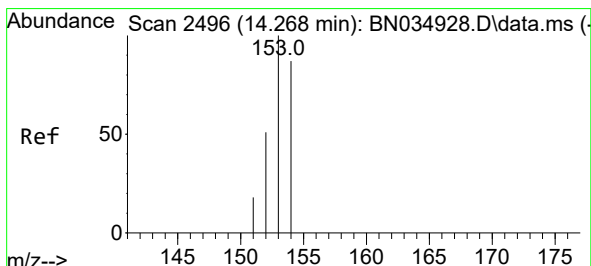
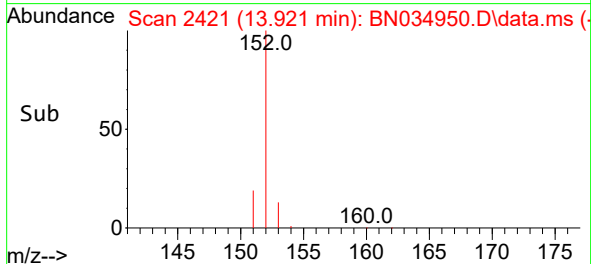
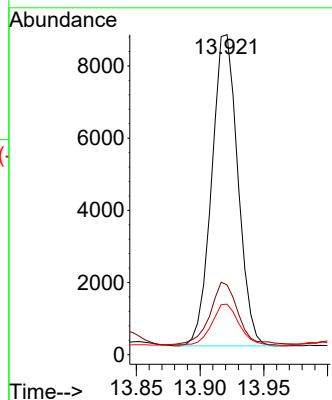
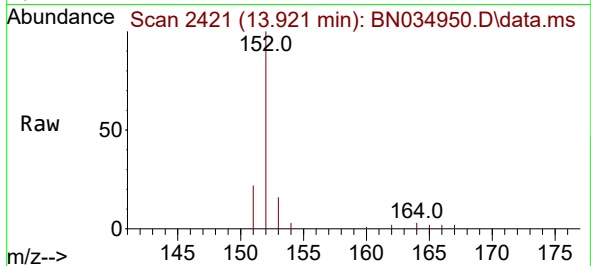




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

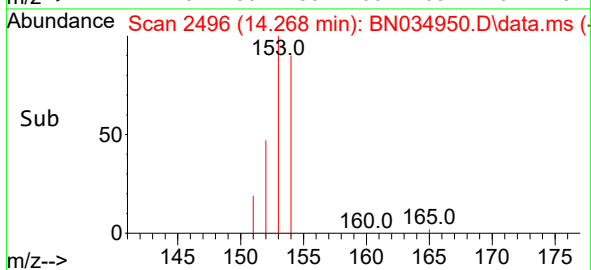
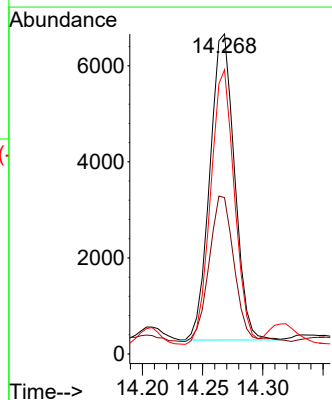
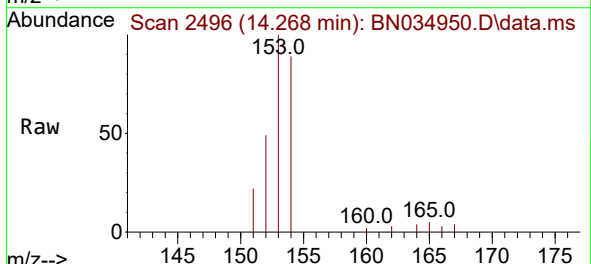
Instrument :
BNA_N
ClientSampleId :
GCP72MS

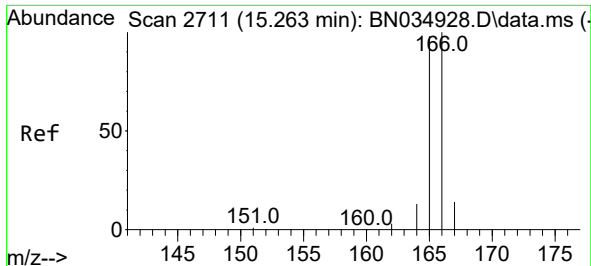
Tgt Ion:	152	Resp:	12309
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.6	24.8
153	15.8	11.0	16.6



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:	153	Resp:	9085
Ion Ratio	Lower	Upper	
153	100		
152	48.8	41.5	62.3
154	88.8	70.9	106.3

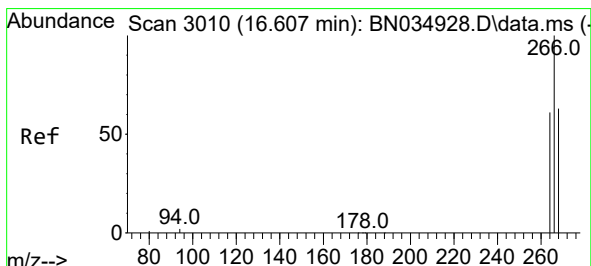
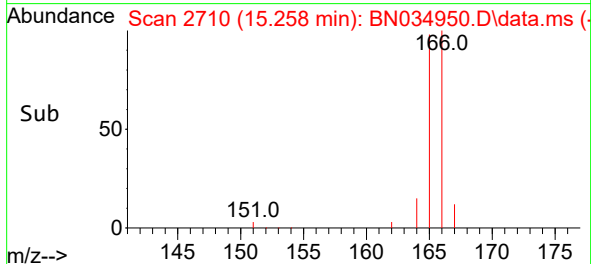
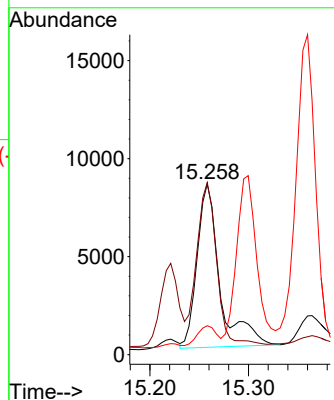
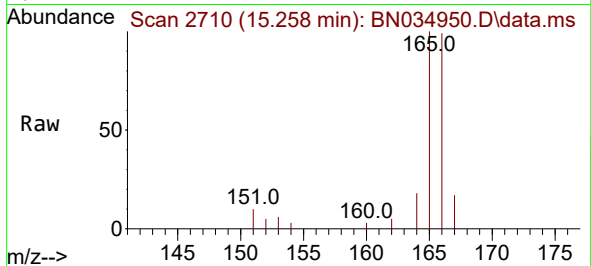




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.258 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

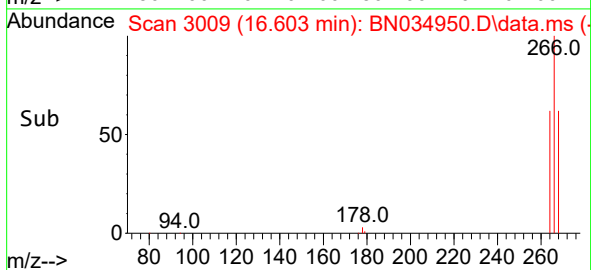
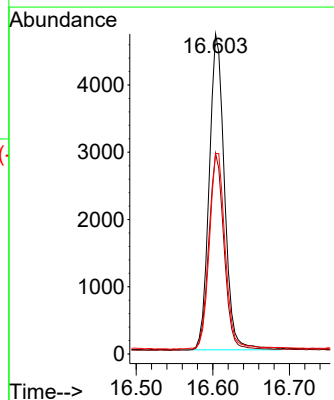
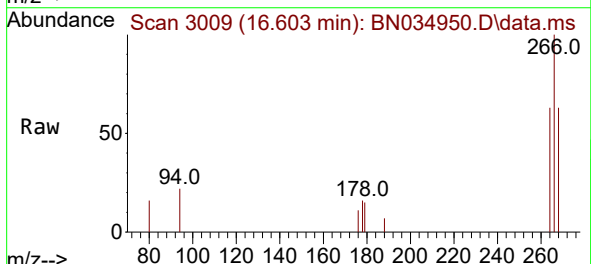
Instrument :
BNA_N
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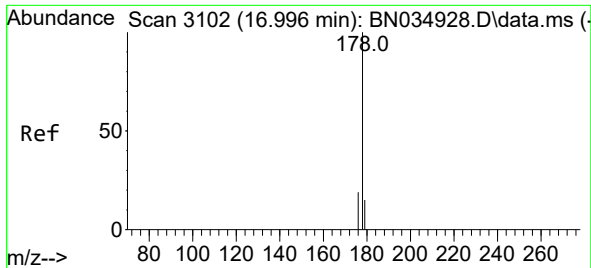
Tgt Ion:166 Resp: 13438
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.4
167 17.0 11.8 17.6



#14
Pentachlorophenol
Concen: 1.495 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:266 Resp: 6510
Ion Ratio Lower Upper
266 100
264 63.1 50.2 75.2
268 64.8 48.4 72.6

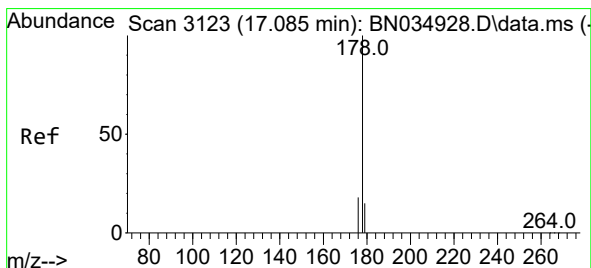
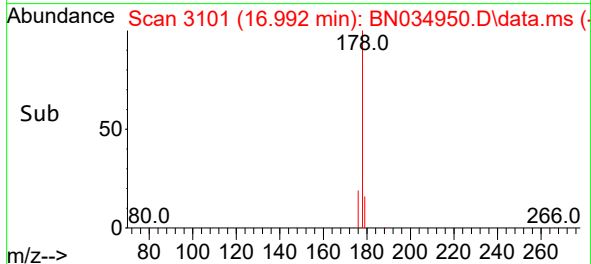
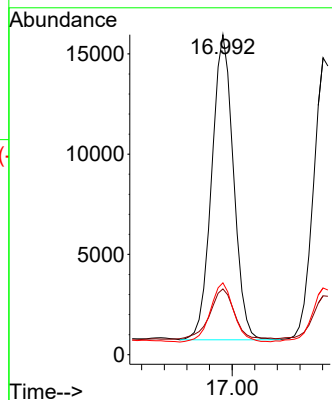
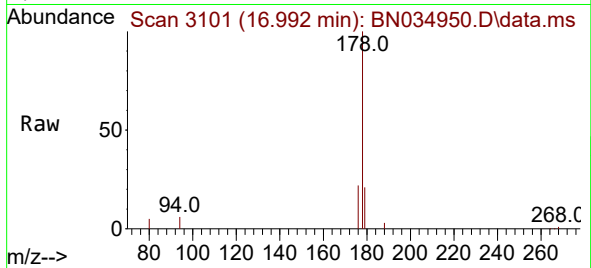




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

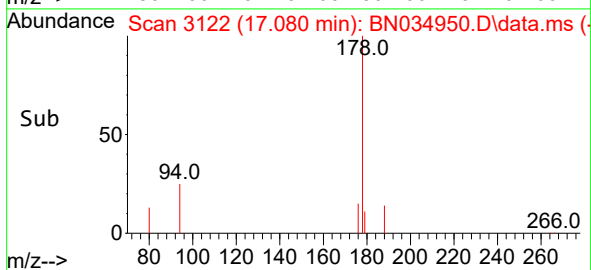
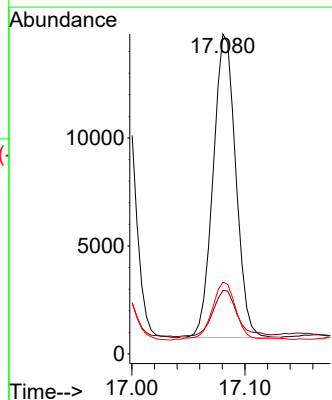
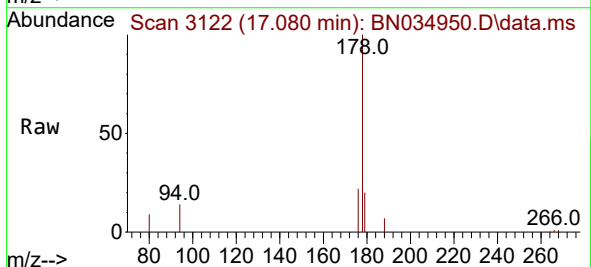
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ClientSampleId :
GCP72MS

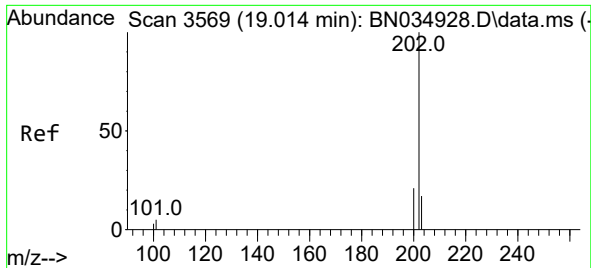
Tgt Ion:178 Resp: 20361
Ion Ratio Lower Upper
178 100
179 20.5 13.4 20.2#
176 22.5 15.8 23.6



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:178 Resp: 19460
Ion Ratio Lower Upper
178 100
179 19.8 13.3 19.9
176 22.4 15.8 23.8

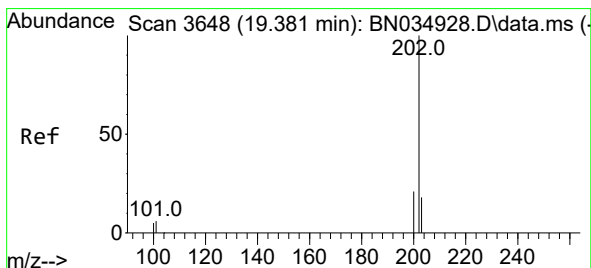
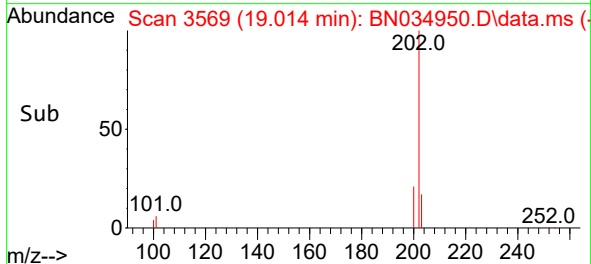
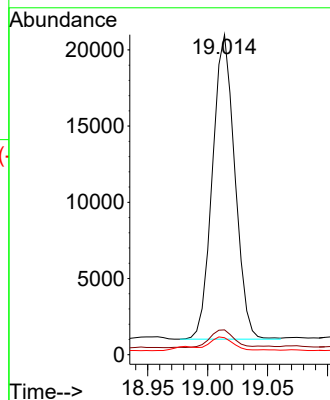
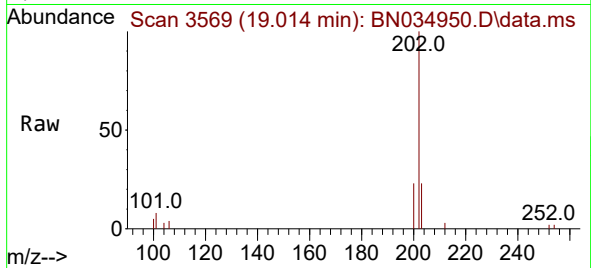




#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

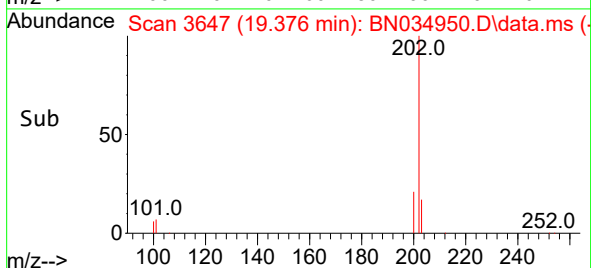
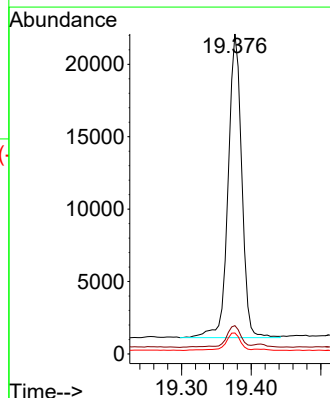
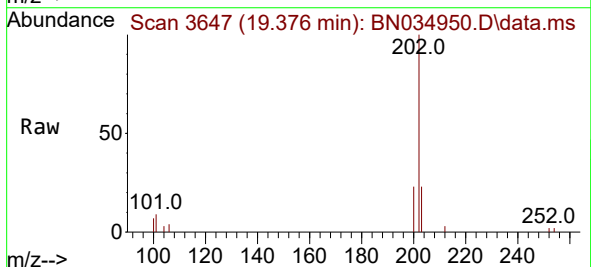
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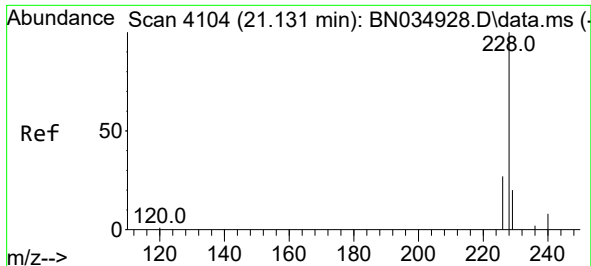
Tgt Ion:202 Resp: 25982
Ion Ratio Lower Upper
202 100
101 7.7 4.2 6.2#
100 5.3 3.2 4.8#



#20
Pyrene
Concen: 0.508 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:202 Resp: 28590
Ion Ratio Lower Upper
202 100
101 8.8 5.0 7.4#
100 6.5 4.1 6.1#

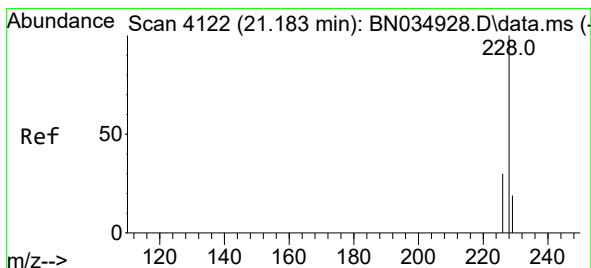
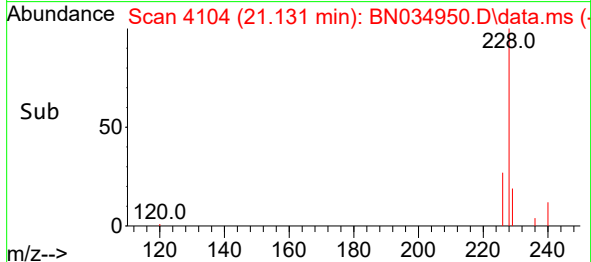
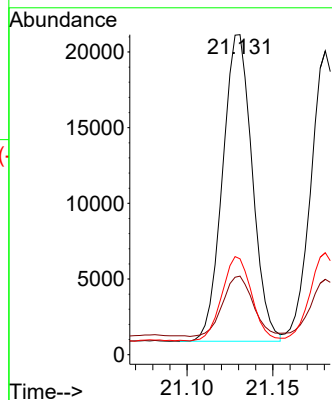
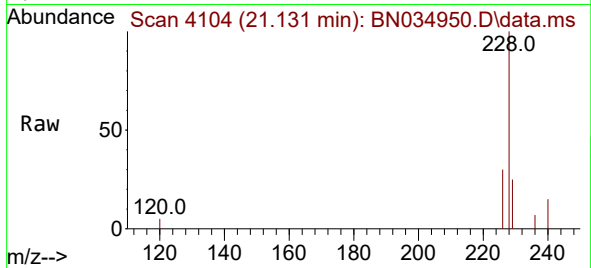




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

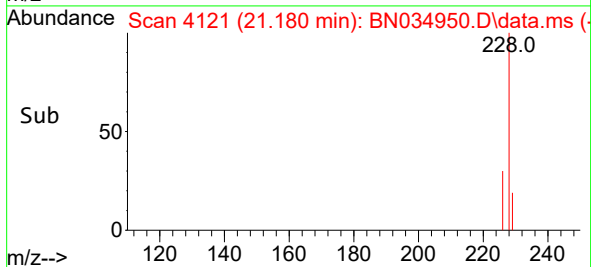
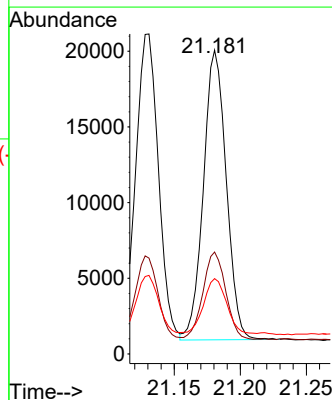
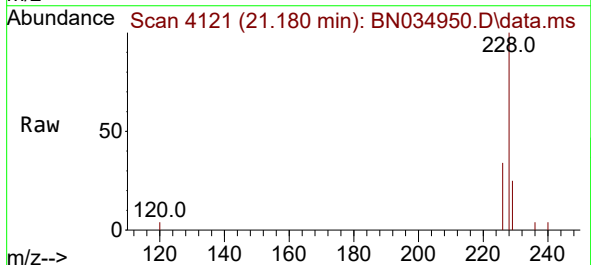
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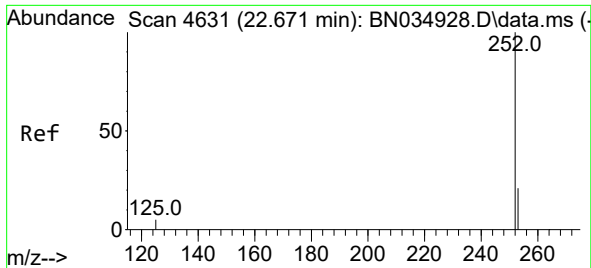
Tgt Ion:228 Resp: 24355
Ion Ratio Lower Upper
228 100
229 24.5 15.8 23.8#
226 30.0 22.2 33.2



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.180 min Scan# 4121
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

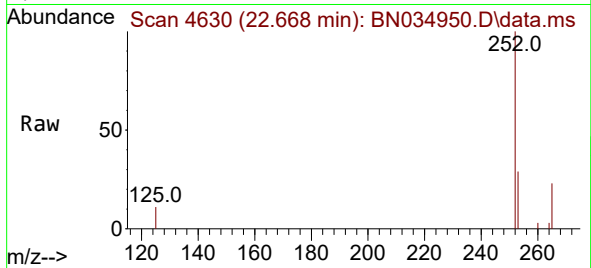
Tgt Ion:228 Resp: 23038
Ion Ratio Lower Upper
228 100
226 33.5 24.2 36.4
229 24.8 15.4 23.2#



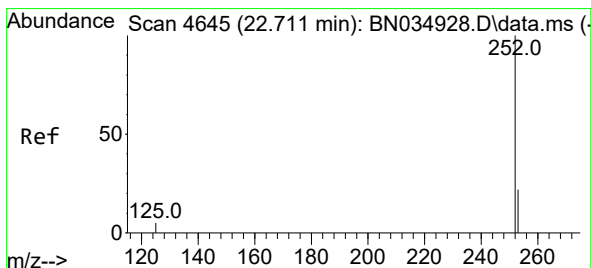
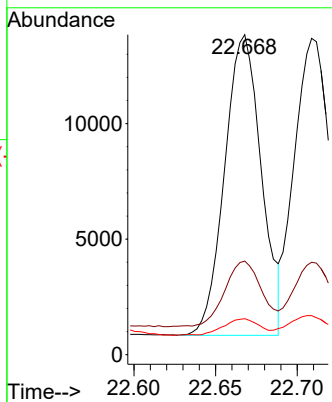


#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.668 min Scan# 4630
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

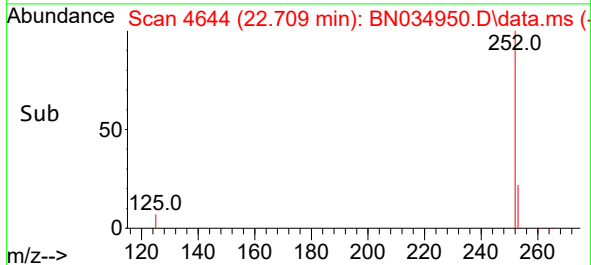
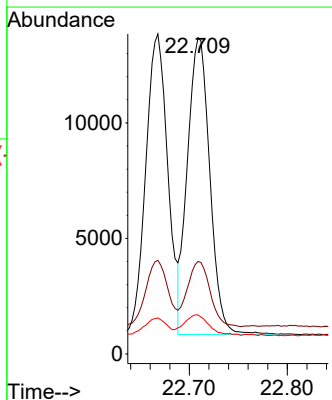
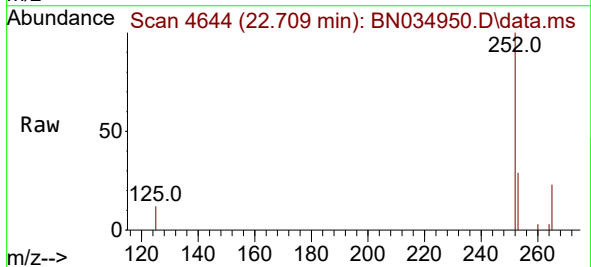


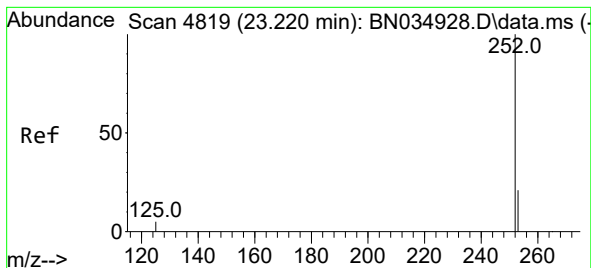
Tgt Ion:252 Resp: 20356
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.0
125 11.3 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.709 min Scan# 4644
Delta R.T. -0.003 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:252 Resp: 20348
Ion Ratio Lower Upper
252 100
253 29.2 20.2 30.4
125 12.3 5.8 8.8#





#26

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.217 min Scan# 4819

Delta R.T. 0.000 min

Lab File: BN034950.D

Acq: 09 Nov 2024 20:37

Instrument :

BNA_N

ClientSampleId :

GCP72MS

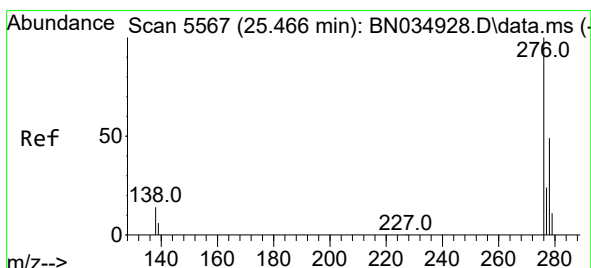
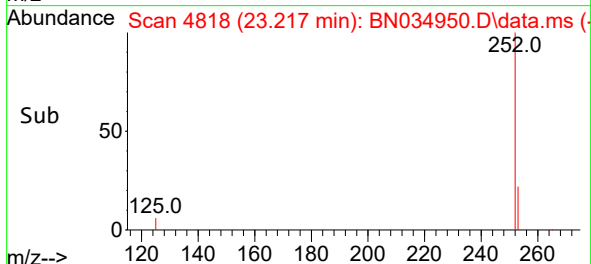
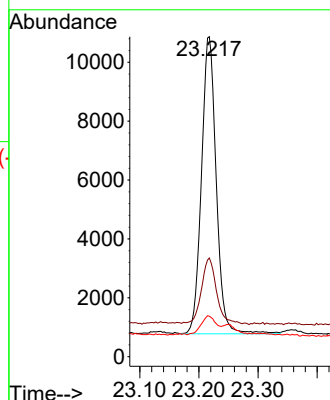
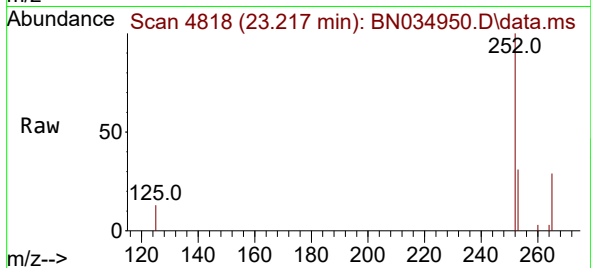
Tgt Ion:252 Resp: 17535

Ion Ratio Lower Upper

252 100

253 30.8 21.2 31.8

125 12.7 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng/ul

RT: 25.467 min Scan# 5567

Delta R.T. -0.003 min

Lab File: BN034950.D

Acq: 09 Nov 2024 20:37

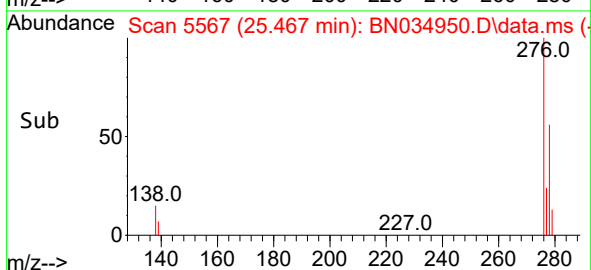
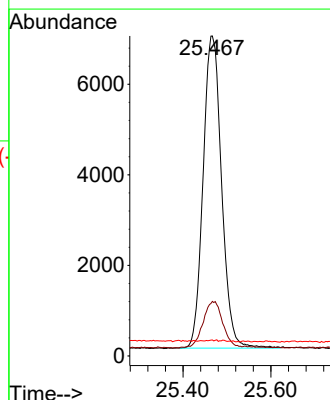
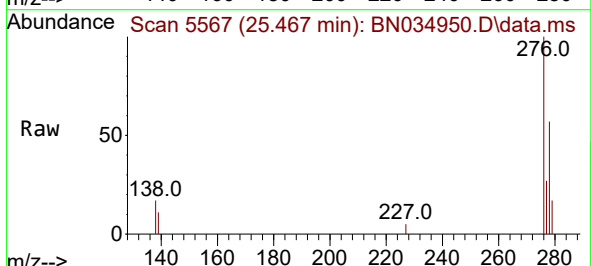
Tgt Ion:276 Resp: 20152

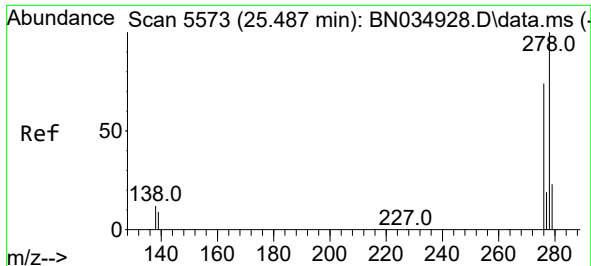
Ion Ratio Lower Upper

276 100

138 16.0 10.8 16.2

227 0.2 0.2 0.4#

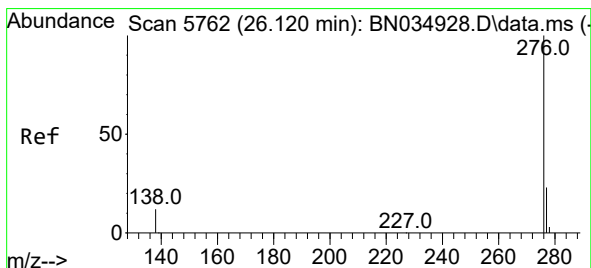
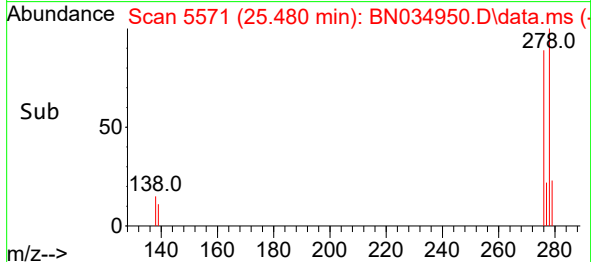
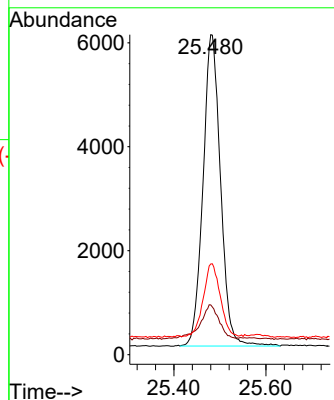
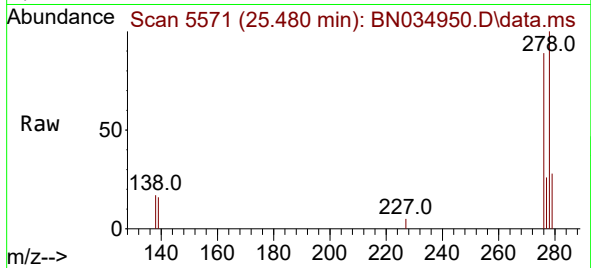




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.480 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Instrument :
BNA_N
ClientSampleId :
GCP72MS

Tgt Ion:278 Resp: 15871
Ion Ratio Lower Upper
278 100
139 15.5 8.4 12.6#
279 28.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.117 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BN034950.D
Acq: 09 Nov 2024 20:37

Tgt Ion:276 Resp: 15451
Ion Ratio Lower Upper
276 100
138 15.9 10.3 15.5#
277 25.8 20.2 30.2

