

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034212.D
 Acq On : 24 Sep 2024 21:46
 Operator : RC/JU
 Sample : PB163544BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS544

Quant Time: Sep 24 23:21:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

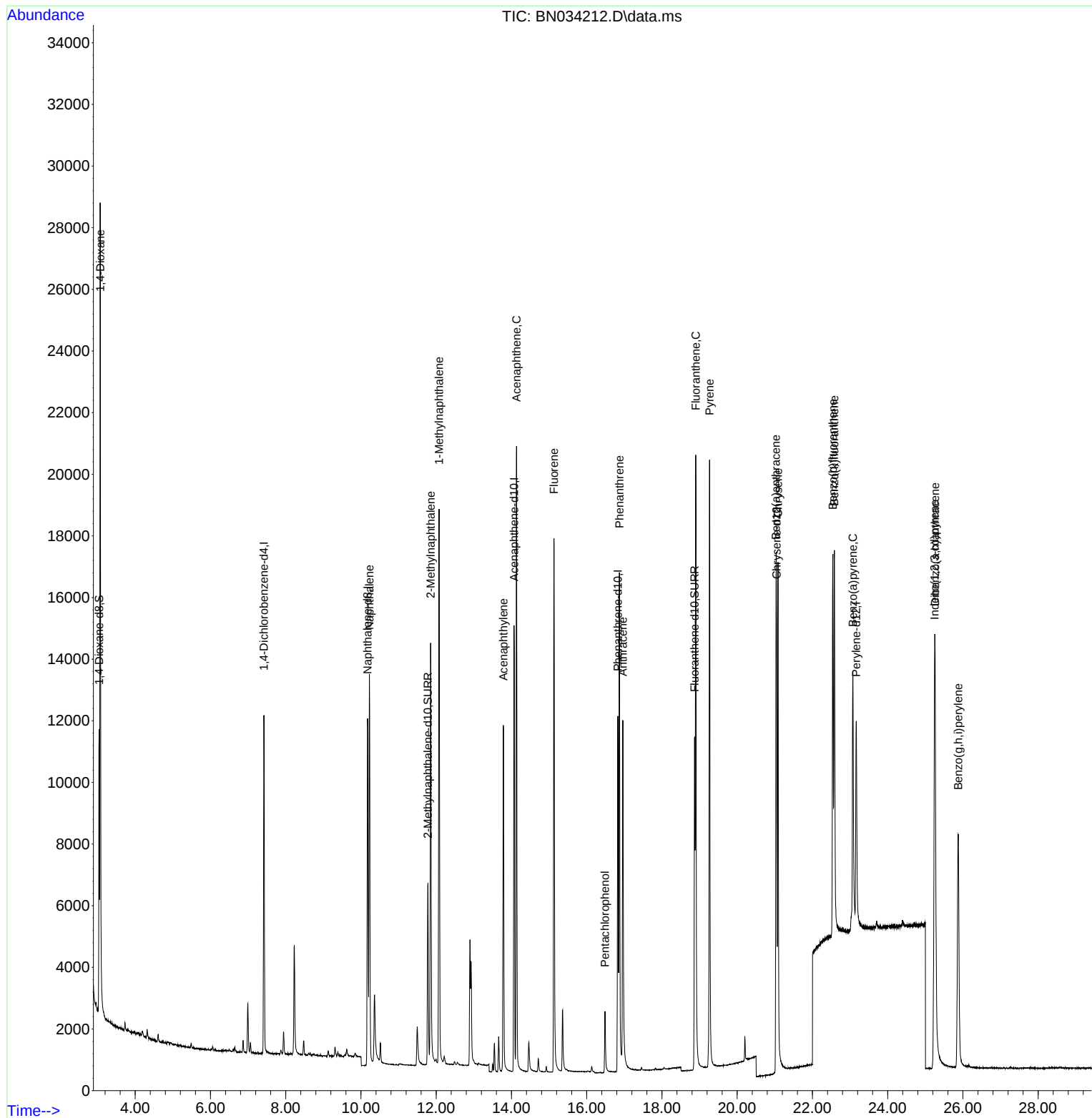
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.419	152	5409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.174	136	15328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.069	164	8109	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	14395	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.046	240	9208	0.400	ng/ul	# 0.00
23) Perylene-d12	23.165	264	9318	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	4869	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	8637	0.393	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	13509	0.492	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.069	88	14733	2.388	ng/ul#	77
5) Naphthalene	10.223	128	17077	0.417	ng/ul	99
7) 2-Methylnaphthalene	11.851	142	10662	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.077	142	12850	0.481	ng/ul	100
10) Acenaphthylene	13.782	152	13377	0.363	ng/ul	100
11) Acenaphthene	14.134	153	11560	0.435	ng/ul	98
12) Fluorene	15.129	166	12247	0.412	ng/ul	99
14) Pentachlorophenol	16.485	266	1655	0.365	ng/ul	99
15) Phenanthrene	16.869	178	17924	0.422	ng/ul	100
16) Anthracene	16.962	178	14770	0.387	ng/ul	100
19) Fluoranthene	18.898	202	17869	0.492	ng/ul	95
20) Pyrene	19.265	202	18367	0.476	ng/ul	97
21) Benzo(a)anthracene	21.031	228	13691	0.378	ng/ul	100
22) Chrysene	21.084	228	16486	0.450	ng/ul	99
24) Benzo(b)fluoranthene	22.542	252	15172	0.419	ng/ul	98
25) Benzo(k)fluoranthene	22.583	252	16570	0.458	ng/ul	98
26) Benzo(a)pyrene	23.074	252	13348	0.460	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.245	276	18340	0.420	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.259	278	13980	0.413	ng/ul	97
29) Benzo(g,h,i)perylene	25.876	276	15129	0.444	ng/ul	97

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

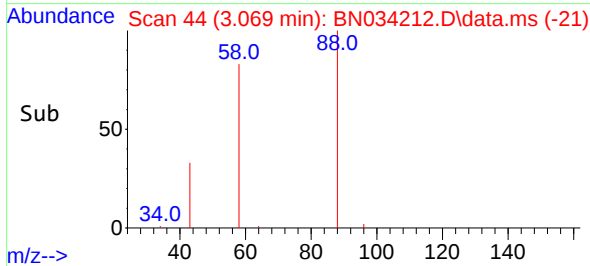
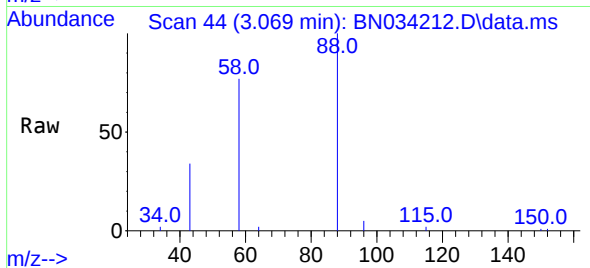
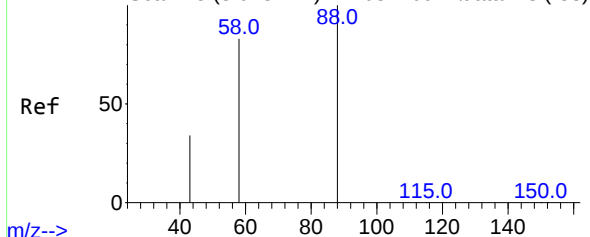
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
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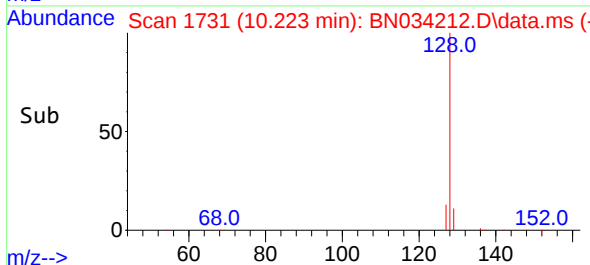
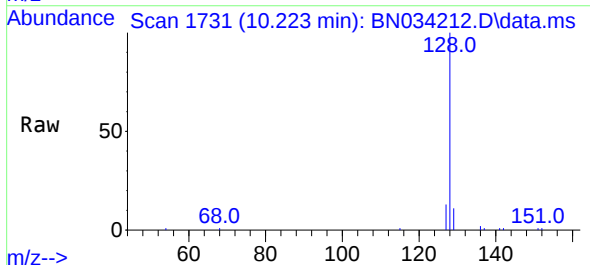
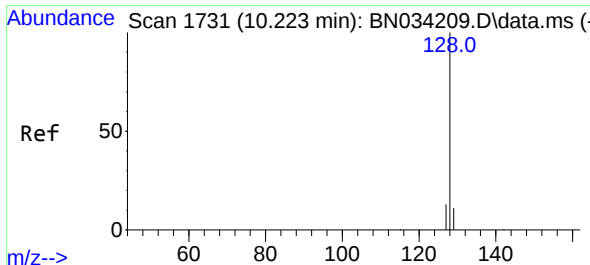
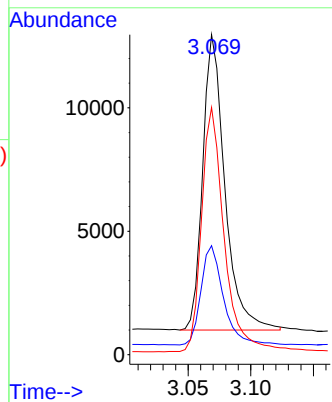
Abundance Scan 45 (3.073 min): BN034209.D\data.ms (-38)



#2
1,4-Dioxane
Concen: 2.388 ng/ul
RT: 3.069 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

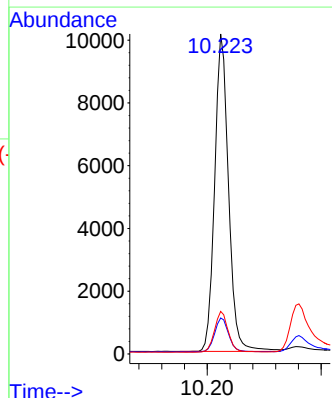
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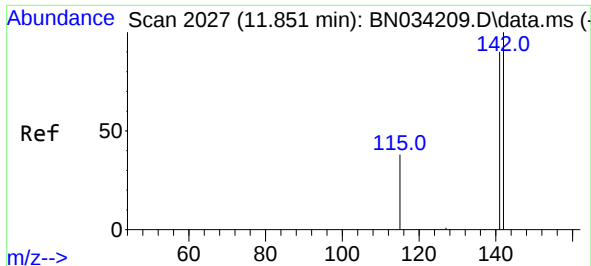
Tgt Ion: 88 Resp: 14733
Ion Ratio Lower Upper
88 100
43 34.0 47.0 70.4#
58 77.2 53.0 79.4



#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.223 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion: 128 Resp: 17077
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.3 10.8 16.2

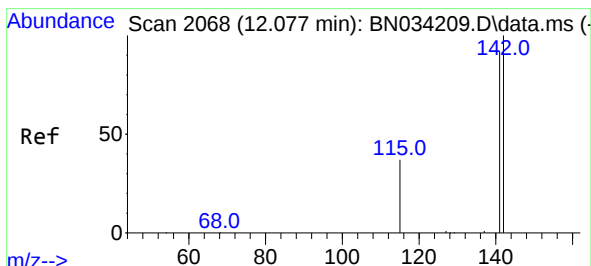
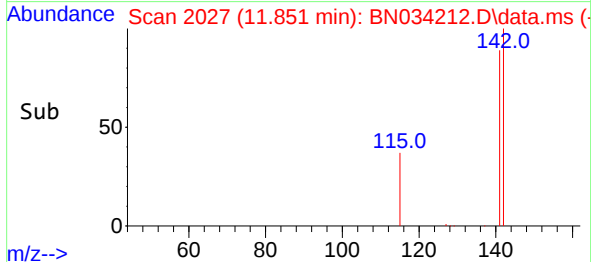
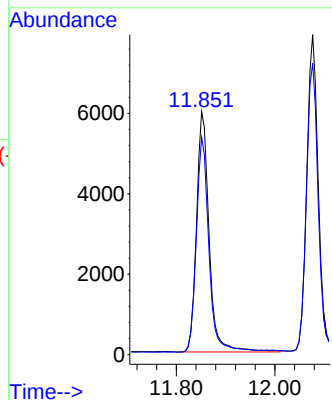
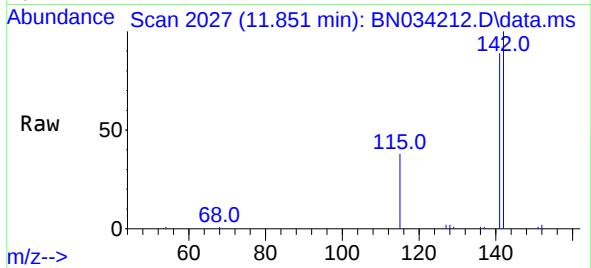




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 11.851 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

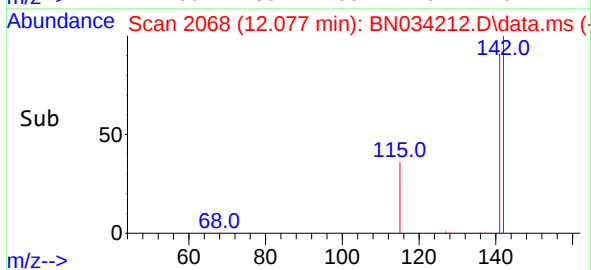
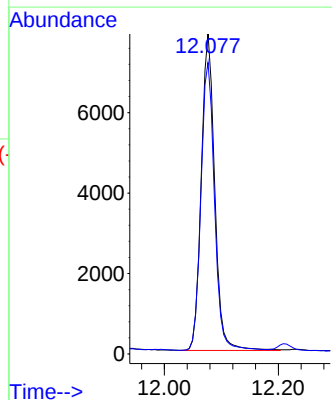
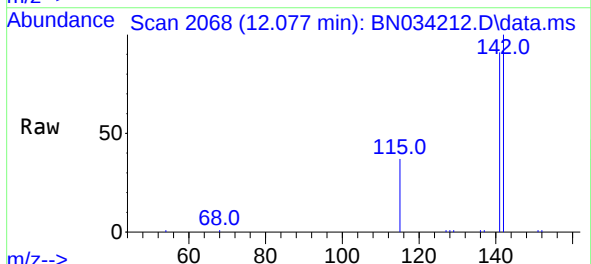
Instrument :
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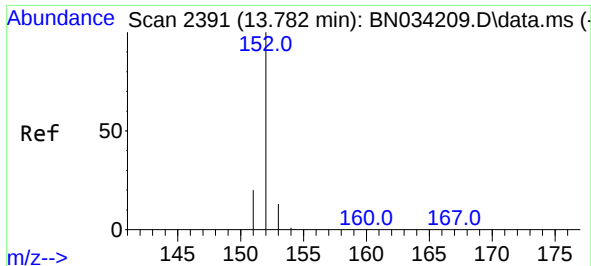
Tgt Ion:142 Resp: 10662
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

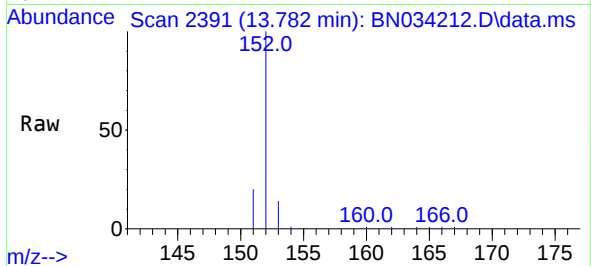
Tgt Ion:142 Resp: 12850
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





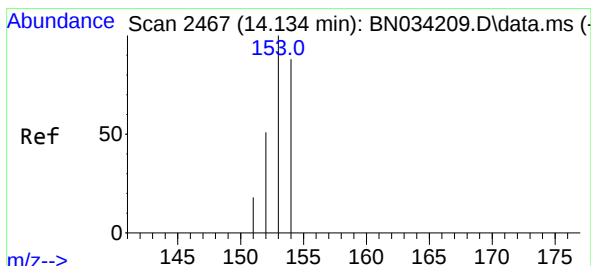
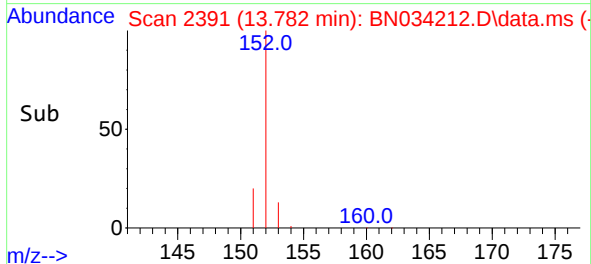
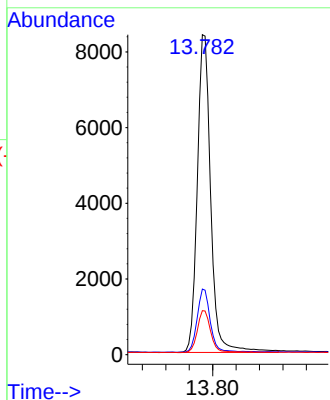
#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 13.782 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Instrument :
BNA_N
ClientSampleId :
SLCS544



Tgt Ion:152 Resp: 13377

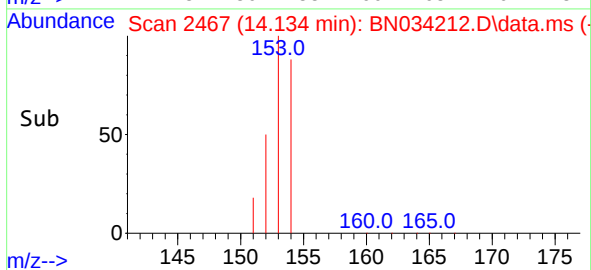
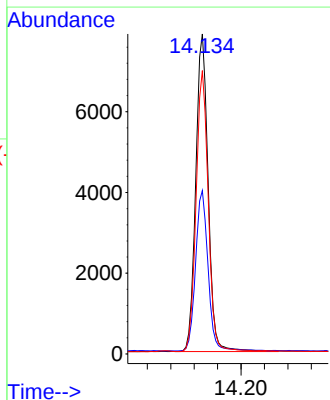
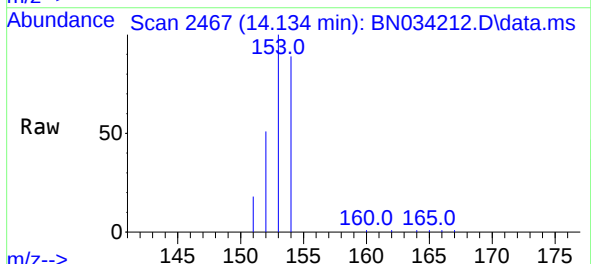
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.7	10.8	16.2

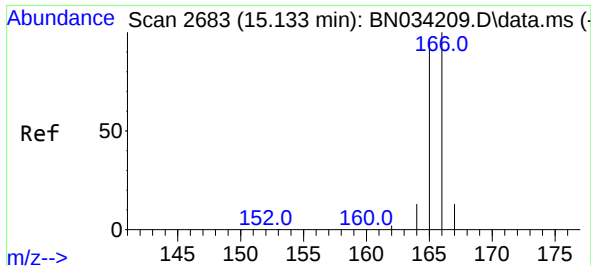


#11
Acenaphthene
Concen: 0.435 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:153 Resp: 11560

Ion	Ratio	Lower	Upper
153	100		
152	51.1	39.8	59.8
154	88.5	69.0	103.6

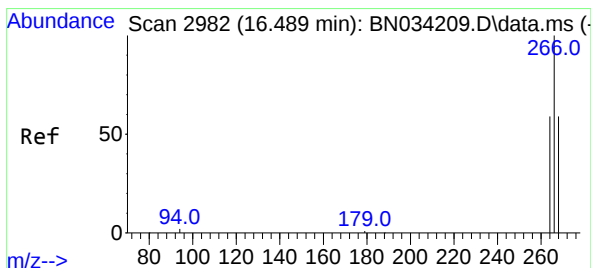
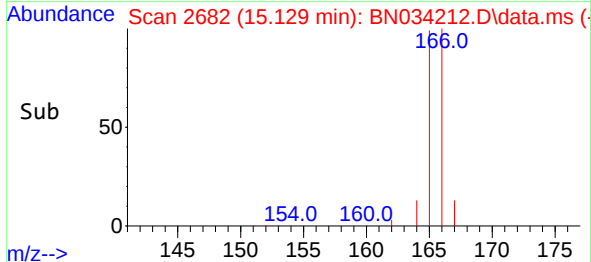
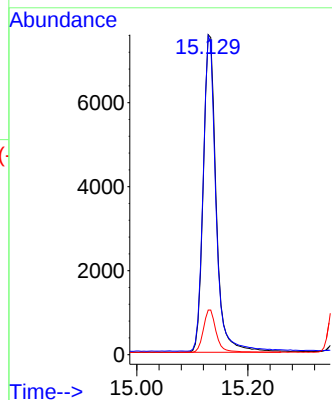
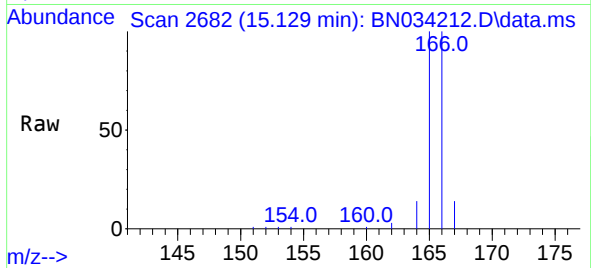




#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.129 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

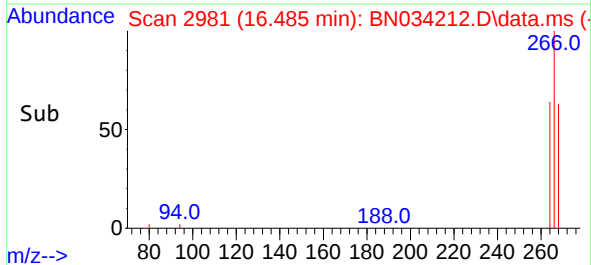
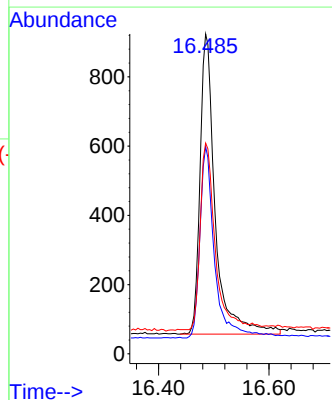
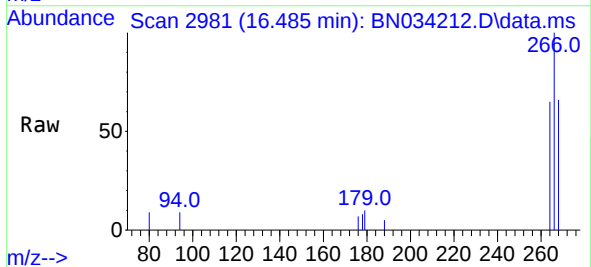
Instrument :
BNA_N
ClientSampleId :
SLCS544

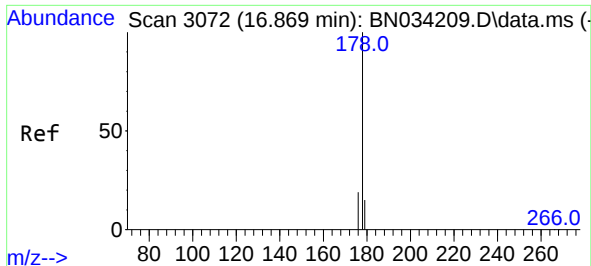
Tgt Ion:166 Resp: 12247
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.365 ng/ul
RT: 16.485 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

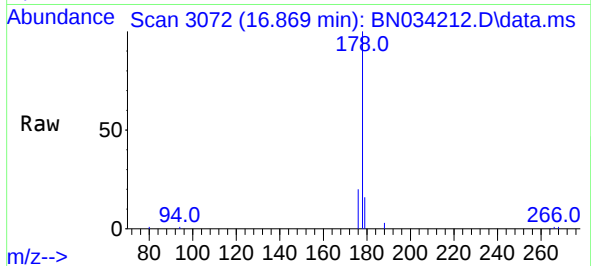
Tgt Ion:266 Resp: 1655
Ion Ratio Lower Upper
266 100
264 62.2 50.3 75.5
268 63.3 51.7 77.5



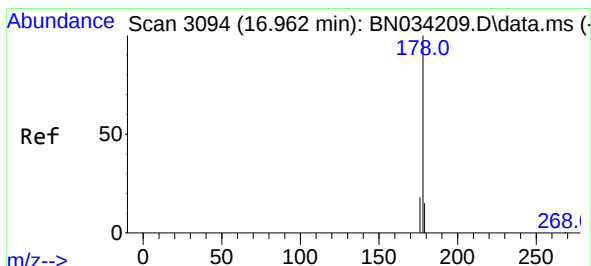
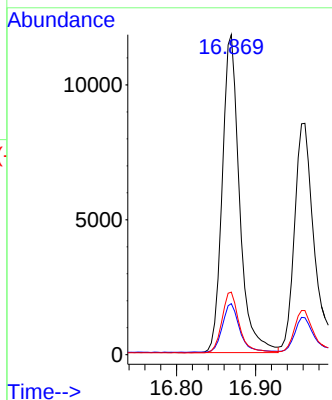


#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Instrument :
BNA_N
ClientSampleId :
SLCS544

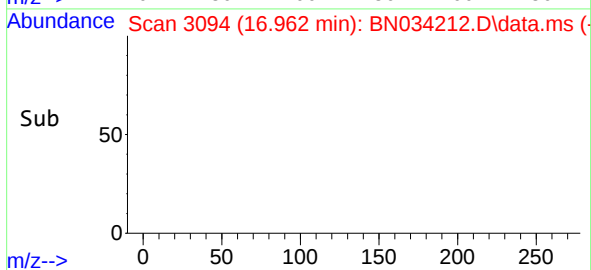
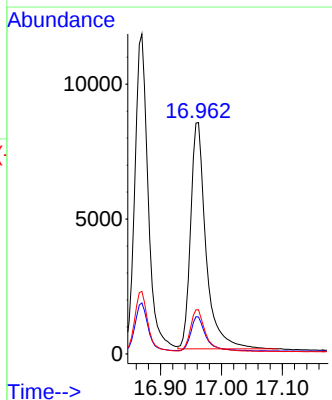
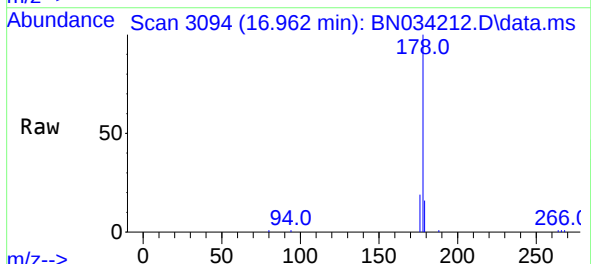


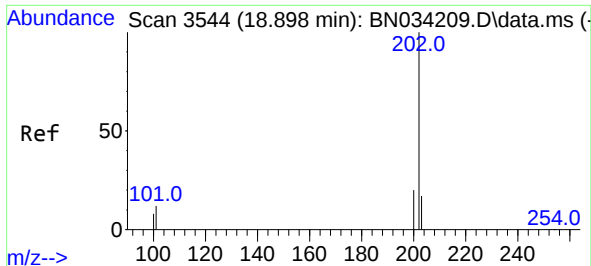
Tgt Ion:178 Resp: 17924
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.387 ng/ul
RT: 16.962 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:178 Resp: 14770
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.1 15.2 22.8

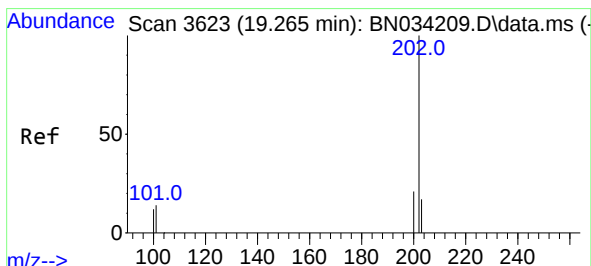
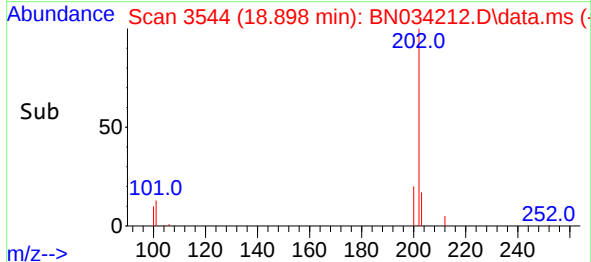
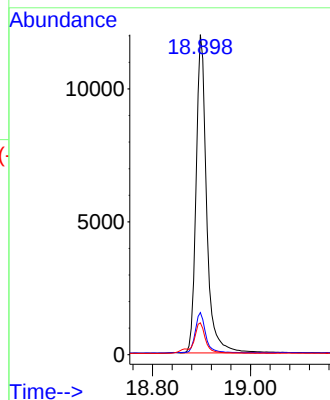
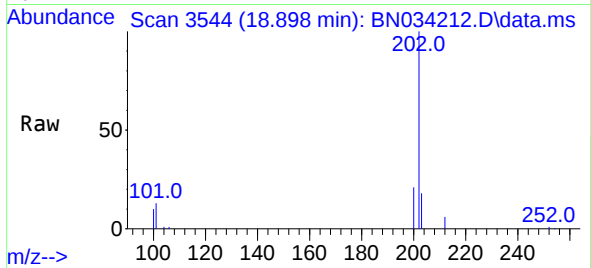




#19
Fluoranthene
Concen: 0.492 ng/u1
RT: 18.898 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

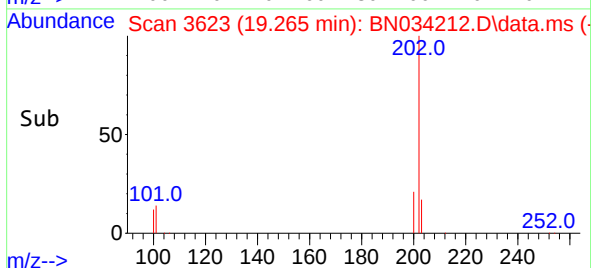
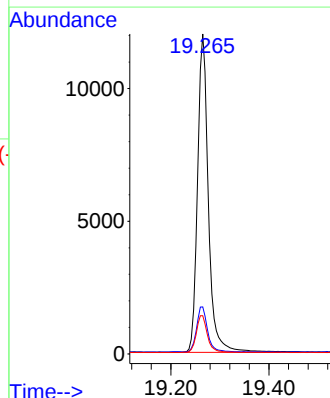
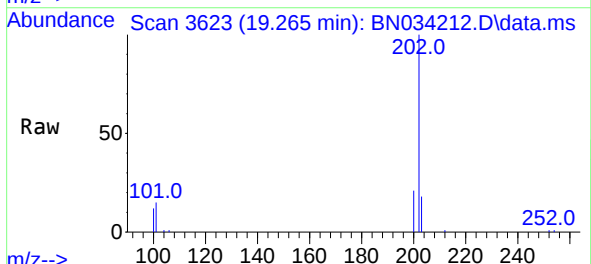
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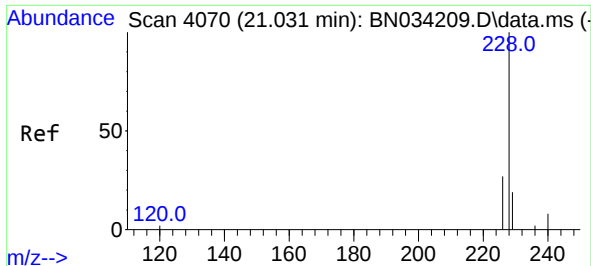
Tgt Ion:202 Resp: 17869
Ion Ratio Lower Upper
202 100
101 13.1 9.0 13.4
100 9.9 6.7 10.1



#20
Pyrene
Concen: 0.476 ng/u1
RT: 19.265 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:202 Resp: 18367
Ion Ratio Lower Upper
202 100
101 14.7 10.8 16.2
100 12.0 8.7 13.1

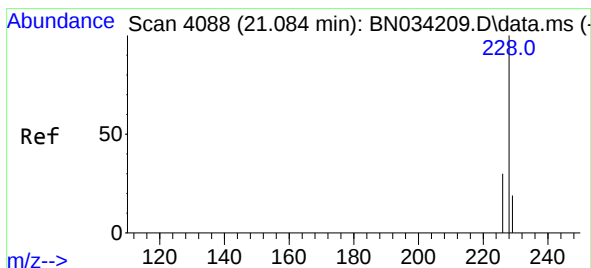
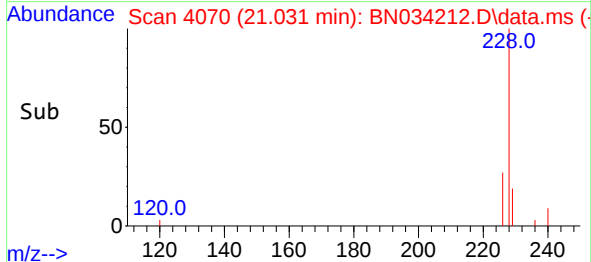
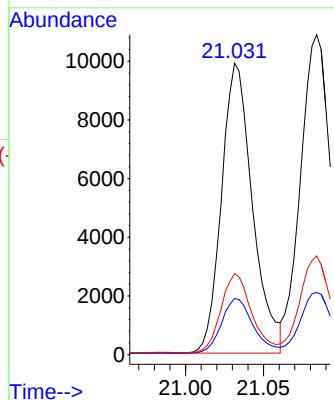
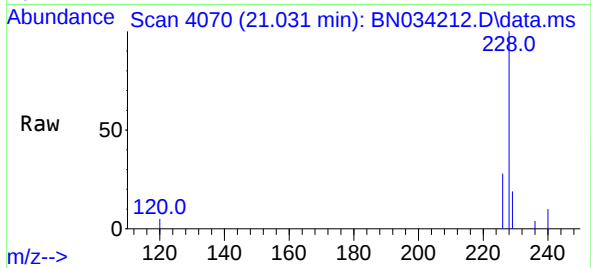




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.031 min Scan# 4070
Delta R.T. -0.003 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

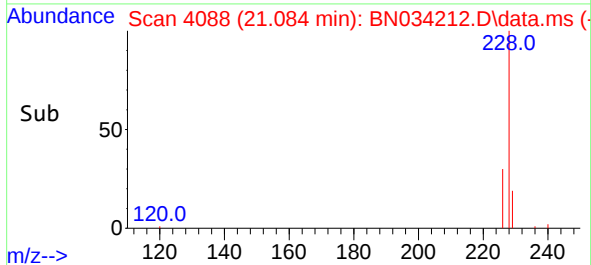
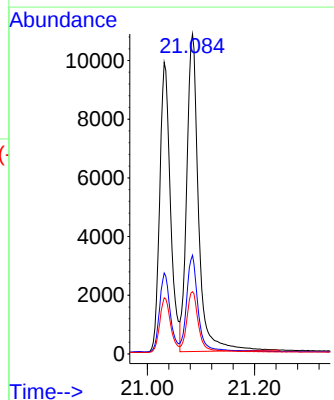
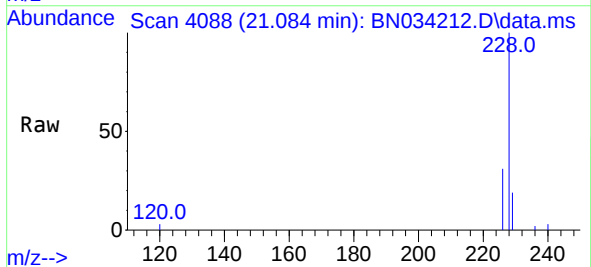
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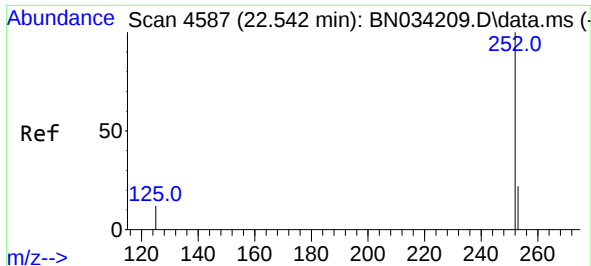
Tgt Ion:	228	Resp:	13691
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.4	23.2
226	27.8	22.1	33.1



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.084 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:	228	Resp:	16486
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.2	36.2
229	19.5	15.6	23.4

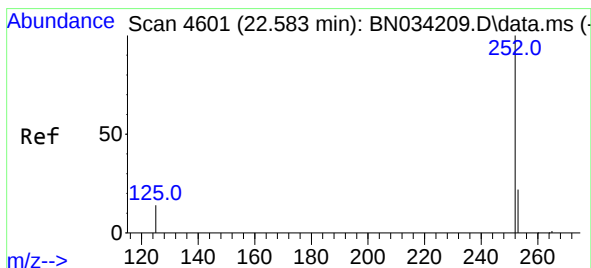
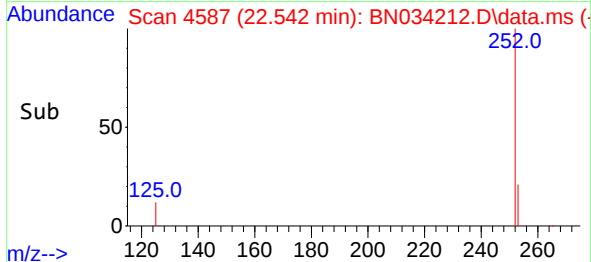
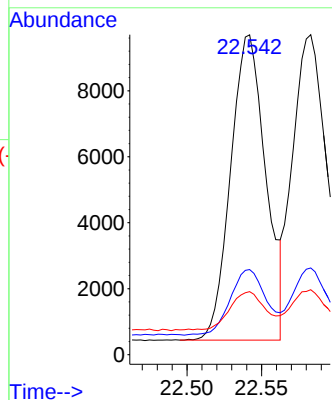
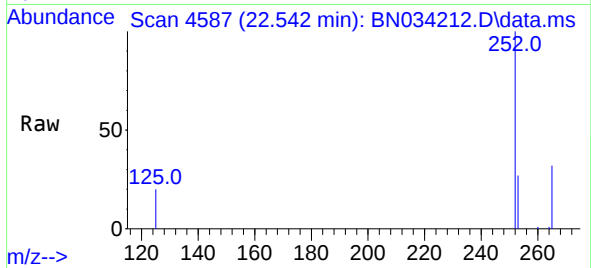




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.542 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

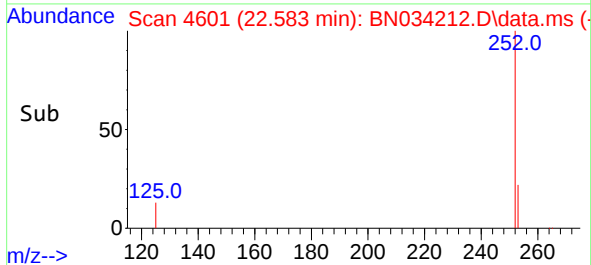
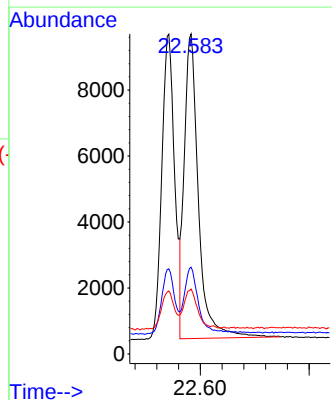
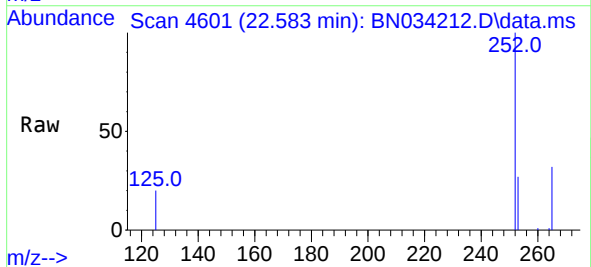
Instrument :
BNA_N
ClientSampleId :
SLCS544

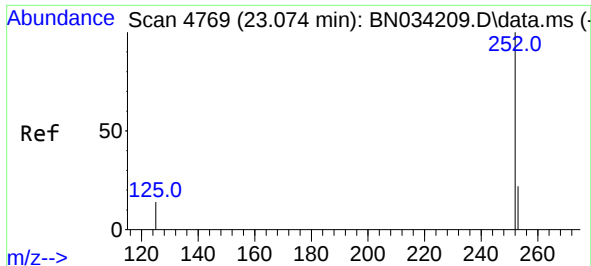
Tgt Ion:252 Resp: 15172
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.8
125 19.7 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 22.583 min Scan# 4601
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:252 Resp: 16570
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 20.3 15.1 22.7

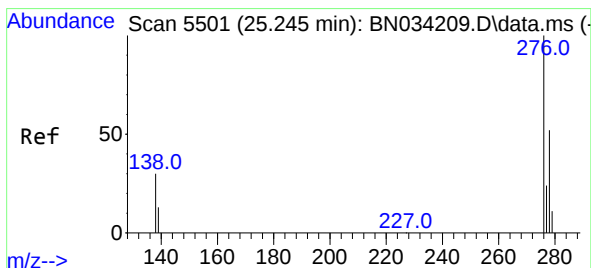
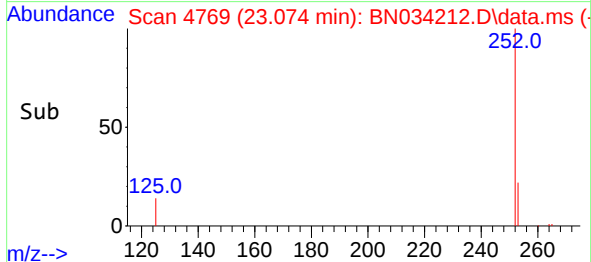
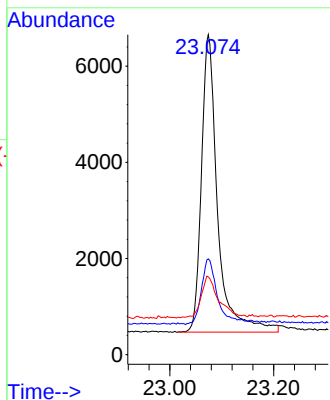
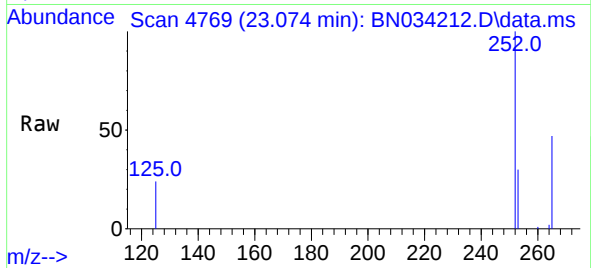




#26
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.074 min Scan# 4769
Delta R.T. -0.000 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

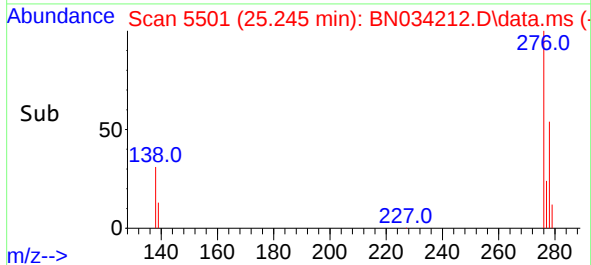
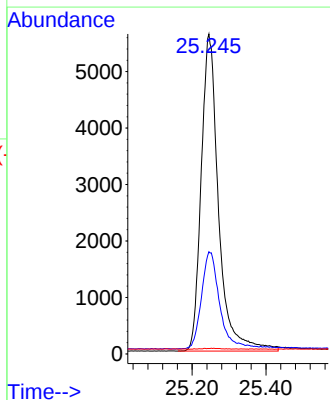
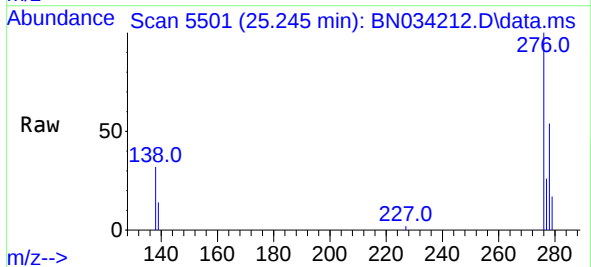
Instrument :
BNA_N
ClientSampleId :
SLCS544

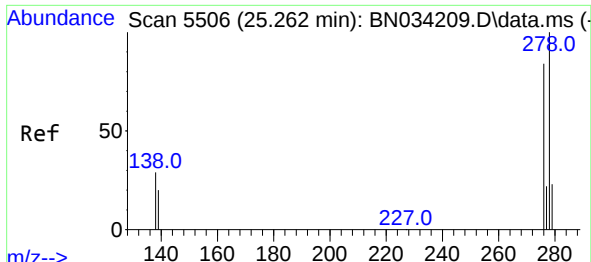
Tgt Ion:252 Resp: 13348
Ion Ratio Lower Upper
252 100
253 29.9 22.8 34.2
125 24.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 25.245 min Scan# 5501
Delta R.T. -0.003 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:276 Resp: 18340
Ion Ratio Lower Upper
276 100
138 32.5 22.3 33.5
227 0.2 0.2 0.4

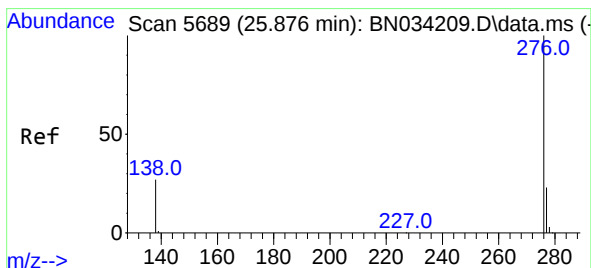
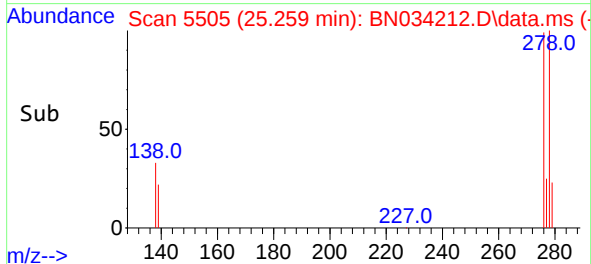
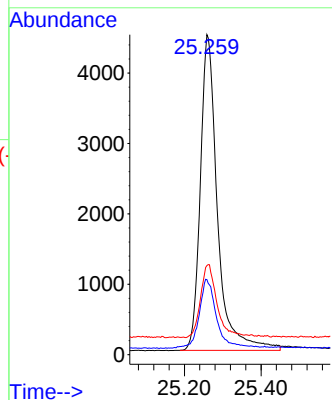
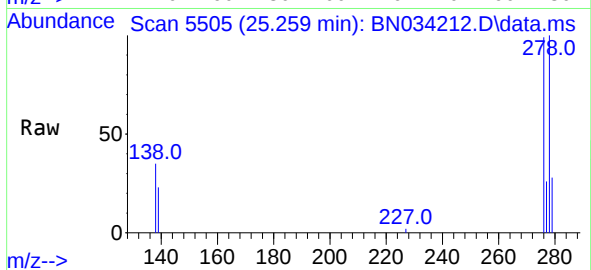




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.259 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Instrument :
BNA_N
ClientSampleId :
SLCS544

Tgt Ion:278 Resp: 13980
Ion Ratio Lower Upper
278 100
139 23.5 17.3 25.9
279 27.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 25.876 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BN034212.D
Acq: 24 Sep 2024 21:46

Tgt Ion:276 Resp: 15129
Ion Ratio Lower Upper
276 100
138 28.5 20.8 31.2
277 25.0 20.2 30.4

