

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035112.D
 Acq On : 15 Nov 2024 18:48
 Operator : RC/JU
 Sample : PB164837BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS837

Quant Time: Nov 15 22:27:09 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 : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

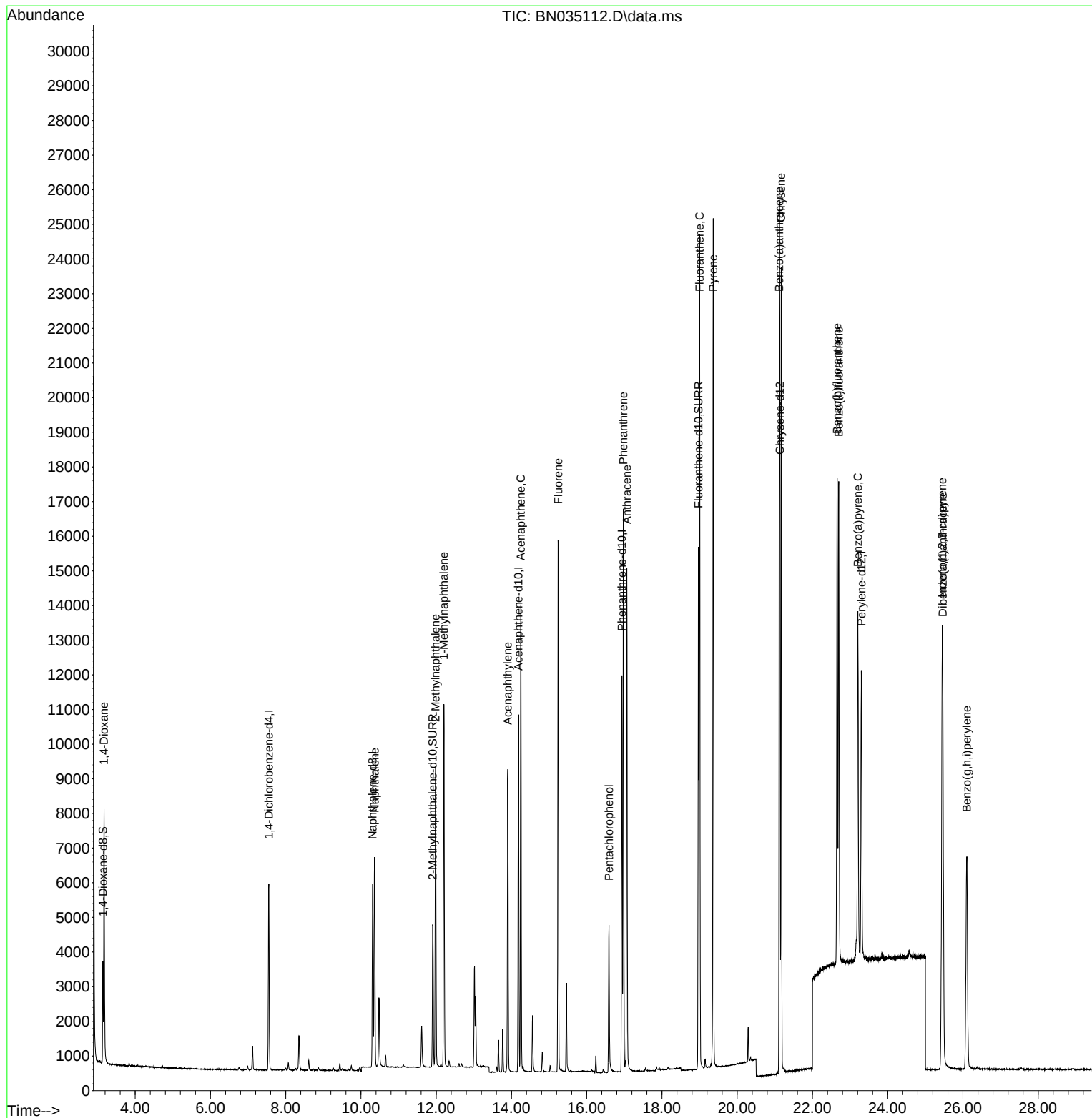
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2684	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	7030	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.185	164	5657	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	14042	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	11950	0.400	ng/ul	0.00
23) Perylene-d12	23.299	264	10179	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2121	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	5535	0.514	ng/ul	-0.01
18) Fluoranthene-d10	18.972	212	17891	0.583	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	5678	2.029	ng/ul#	90
5) Naphthalene	10.361	128	7930	0.451	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	5867	0.447	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	6891	0.523	ng/ul	100
10) Acenaphthylene	13.903	152	9774	0.423	ng/ul	100
11) Acenaphthene	14.249	153	7590	0.433	ng/ul	98
12) Fluorene	15.244	166	9410	0.422	ng/ul	98
14) Pentachlorophenol	16.591	266	2919	0.899	ng/ul	97
15) Phenanthrene	16.975	178	16552	0.441	ng/ul	98
16) Anthracene	17.068	178	15126	0.429	ng/ul	98
19) Fluoranthene	19.000	202	20489	0.513	ng/ul#	96
20) Pyrene	19.362	202	21172	0.511	ng/ul#	95
21) Benzo(a)anthracene	21.119	228	18996	0.439	ng/ul	99
22) Chrysene	21.172	228	19091	0.432	ng/ul	99
24) Benzo(b)fluoranthene	22.656	252	16586	0.463	ng/ul	98
25) Benzo(k)fluoranthene	22.700	252	17192	0.459	ng/ul#	98
26) Benzo(a)pyrene	23.206	252	14443	0.452	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.450	276	16351	0.418	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.463	278	12758	0.419	ng/ul#	98
29) Benzo(g,h,i)perylene	26.104	276	12726	0.426	ng/ul#	97

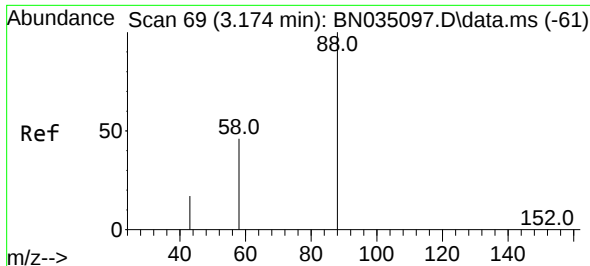
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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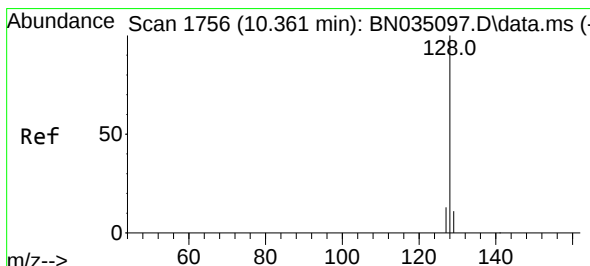
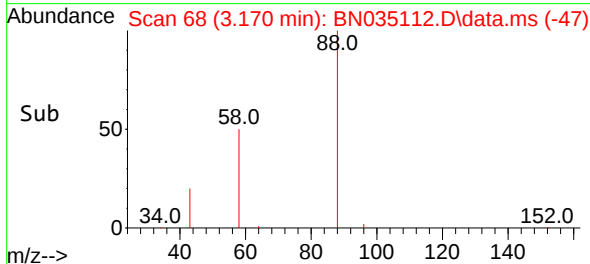
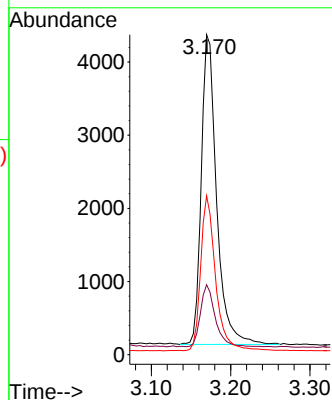
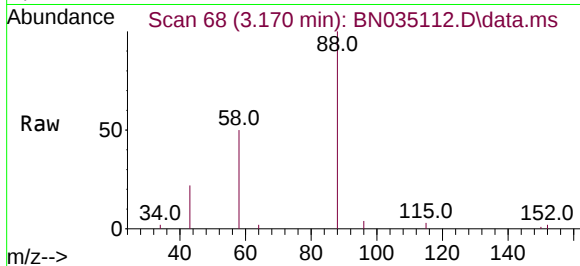




#2
1,4-Dioxane
Concen: 2.029 ng/ul
RT: 3.170 min Scan# 69
Delta R.T. -0.013 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

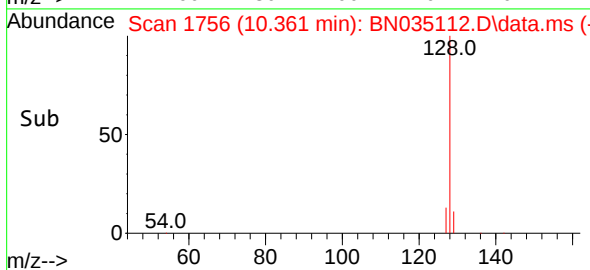
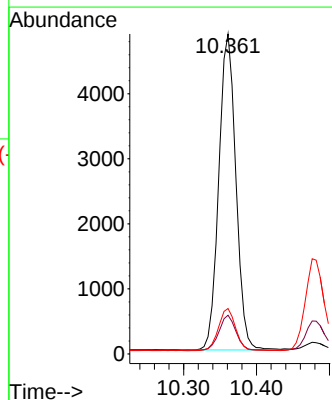
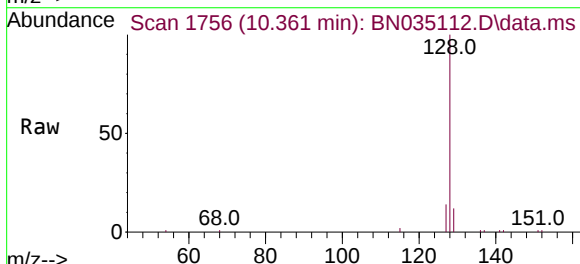
Instrument :
BNA_N
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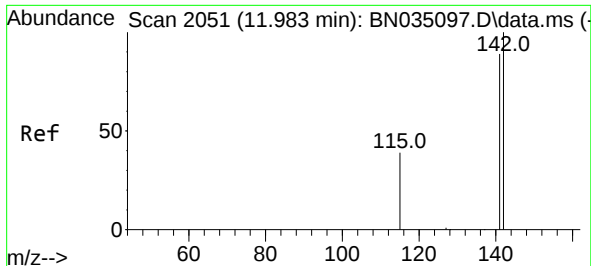
Tgt Ion: 88 Resp: 5678
Ion Ratio Lower Upper
88 100
43 21.9 23.3 34.9#
58 49.7 35.4 53.2



#5
Naphthalene
Concen: 0.451 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion: 128 Resp: 7930
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 14.2 12.1 18.1

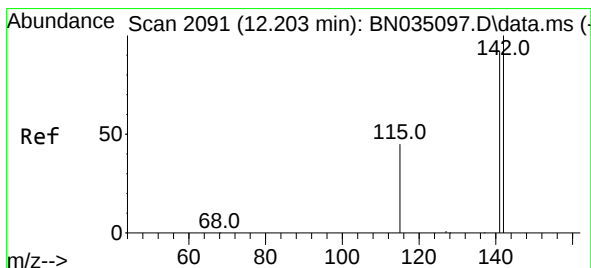
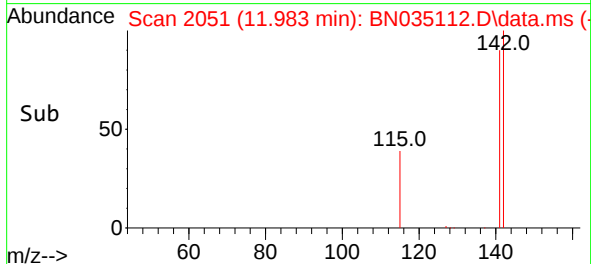
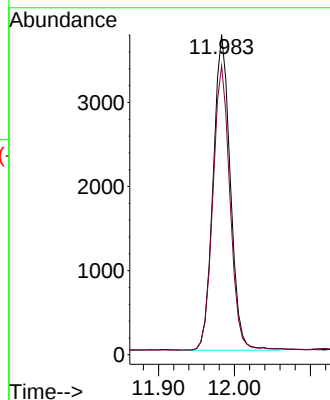
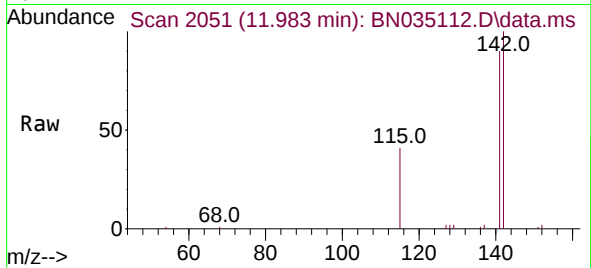




#7
2-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.011 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

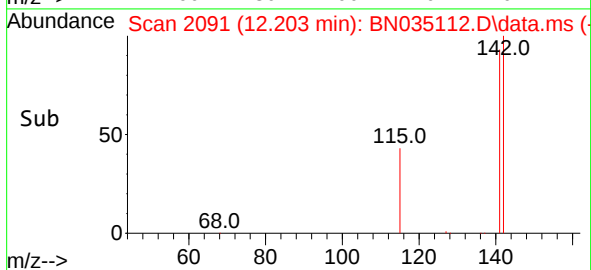
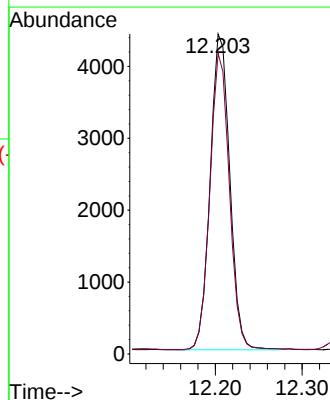
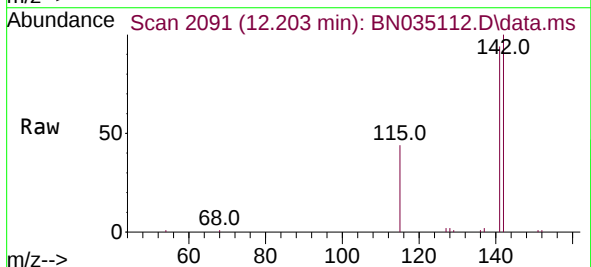
Instrument :
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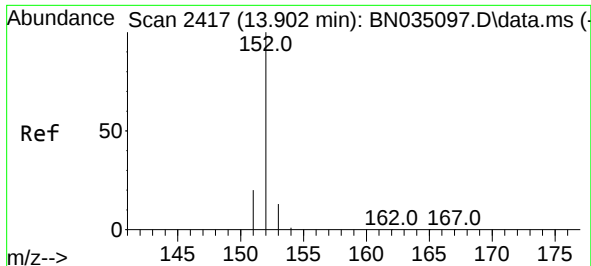
Tgt Ion:142 Resp: 5867
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.523 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion:142 Resp: 6891
Ion Ratio Lower Upper
142 100
141 92.9 74.6 111.8

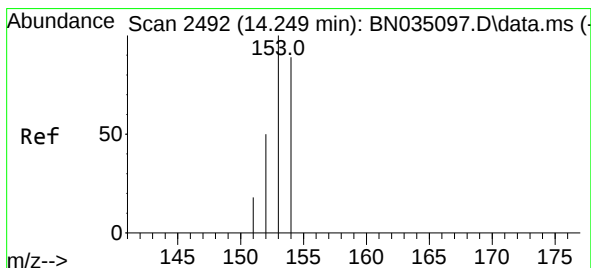
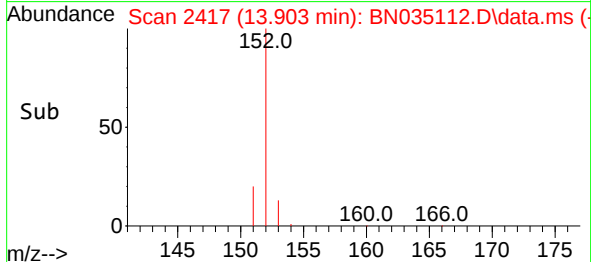
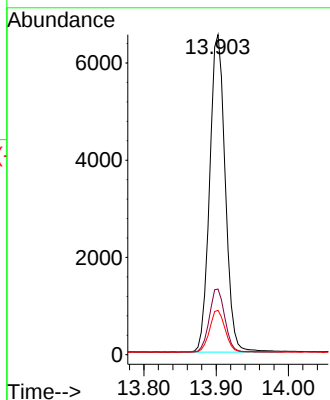
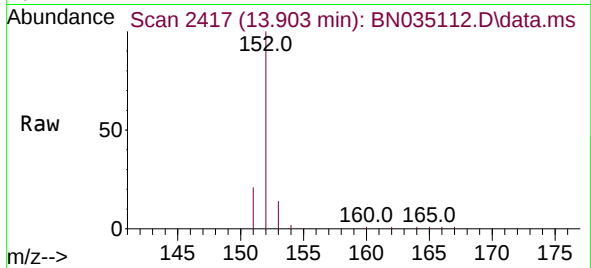




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

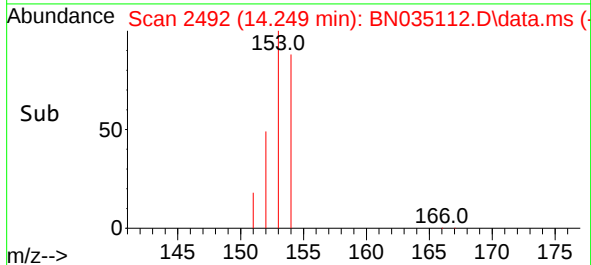
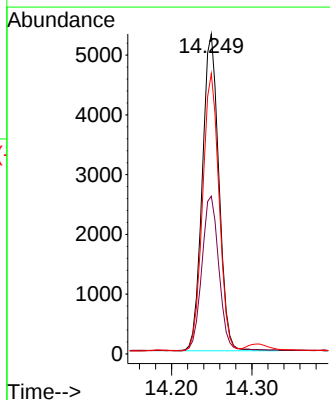
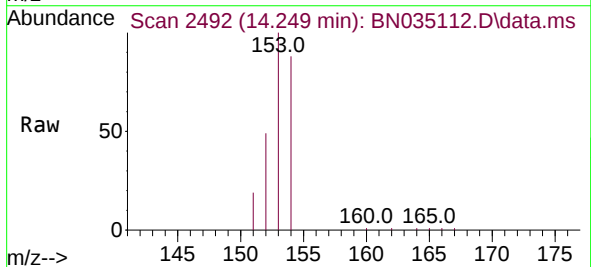
Instrument :
BNA_N
ClientSampleId :
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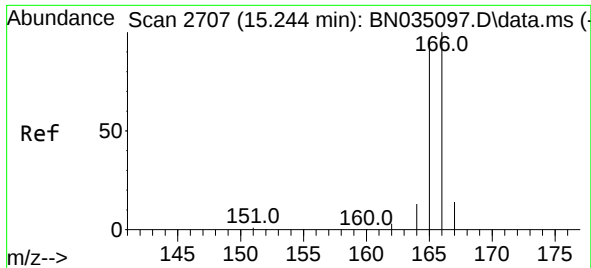
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	13.9	11.0	16.6



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.3	41.5	62.3
154	87.6	70.9	106.3

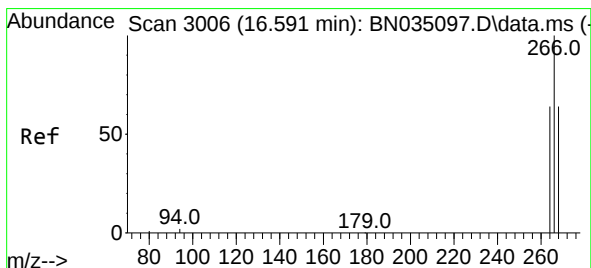
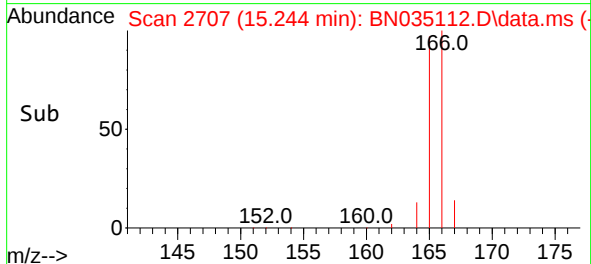
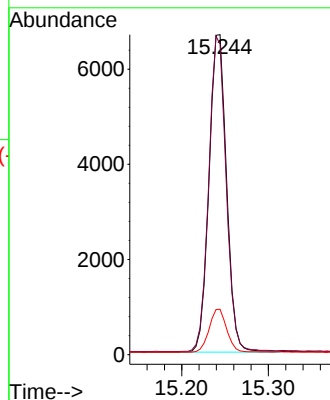
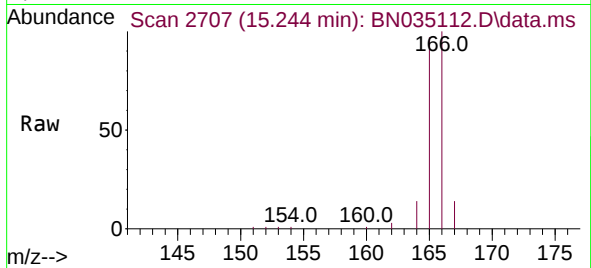




#12
 Fluorene
 Concen: 0.422 ng/ul
 RT: 15.244 min Scan# 2707
 Delta R.T. -0.005 min
 Lab File: BN035112.D
 Acq: 15 Nov 2024 18:48

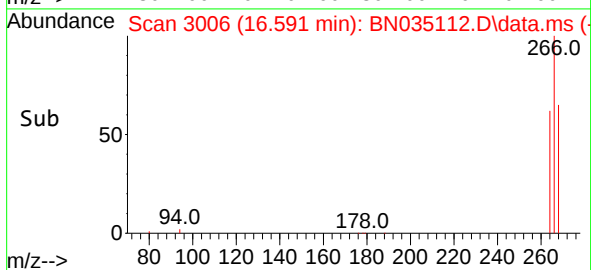
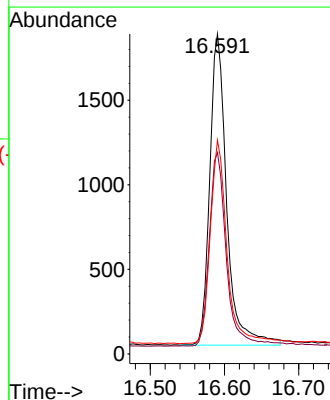
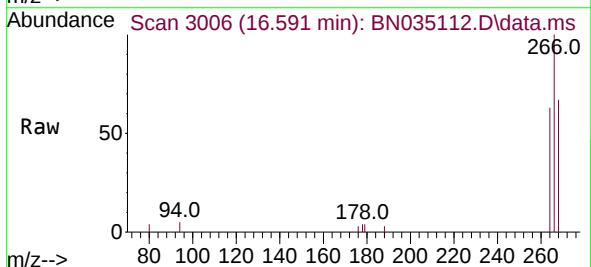
Instrument :
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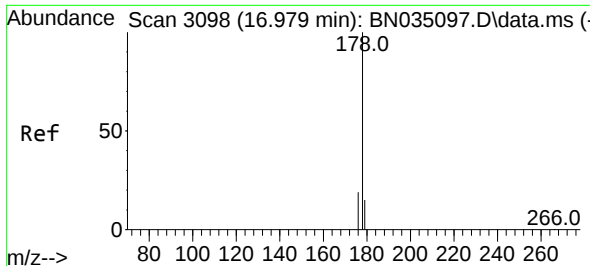
Tgt Ion:	166	Resp:	9410
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.0	118.4
167	14.2	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.899 ng/ul
 RT: 16.591 min Scan# 3006
 Delta R.T. -0.004 min
 Lab File: BN035112.D
 Acq: 15 Nov 2024 18:48

Tgt Ion:	266	Resp:	2919
Ion Ratio	Lower	Upper	
266	100		
264	62.5	50.2	75.2
268	64.5	48.4	72.6

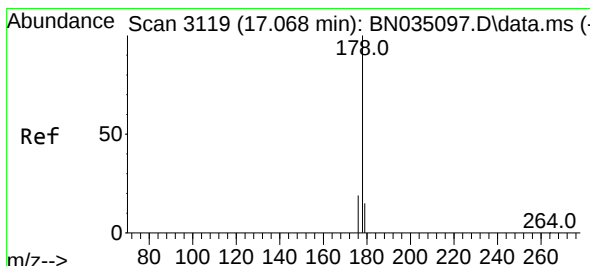
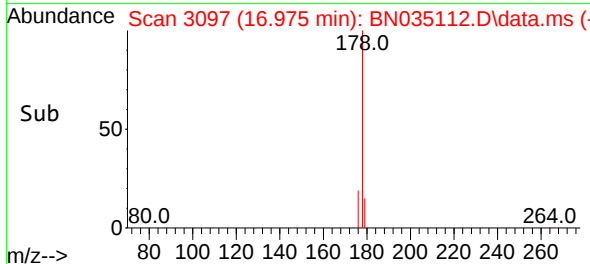
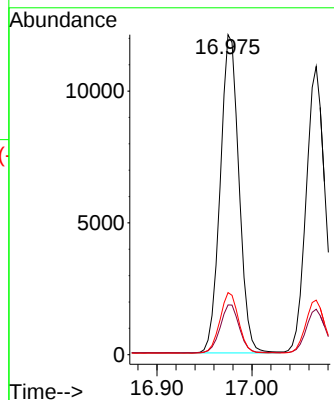
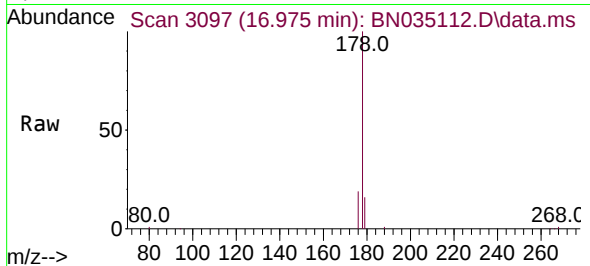




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.009 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

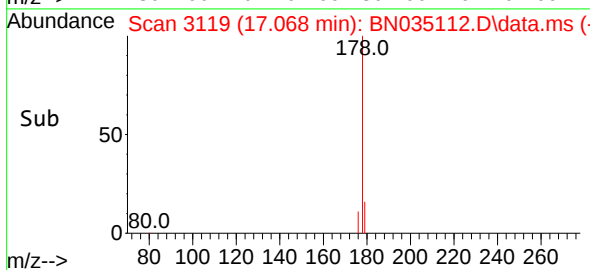
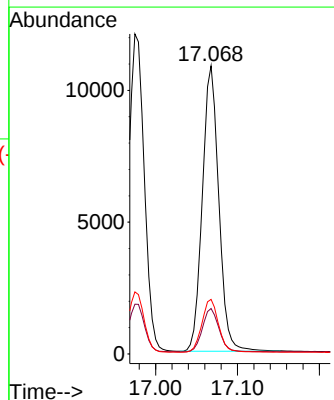
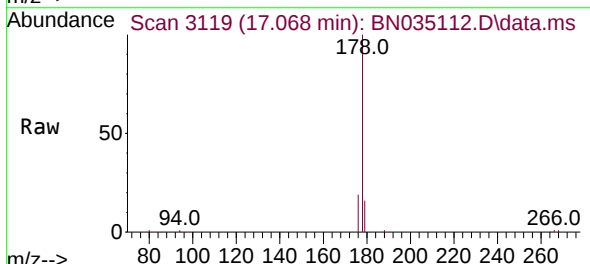
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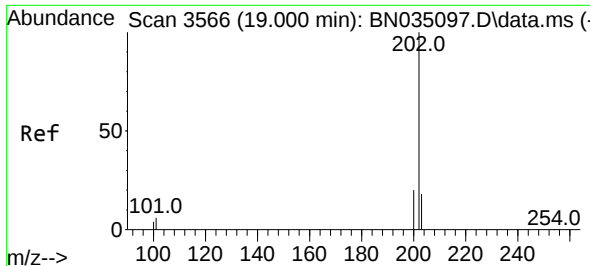
Tgt Ion:178 Resp: 16552
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion:178 Resp: 15126
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 18.9 15.8 23.8

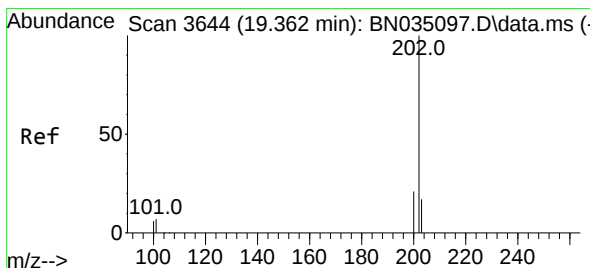
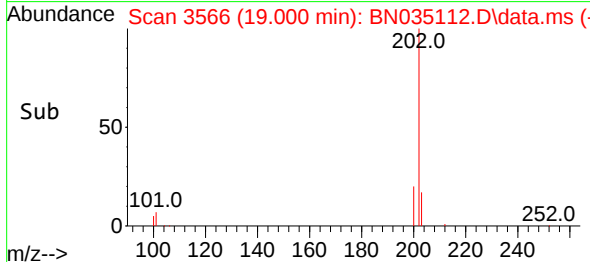
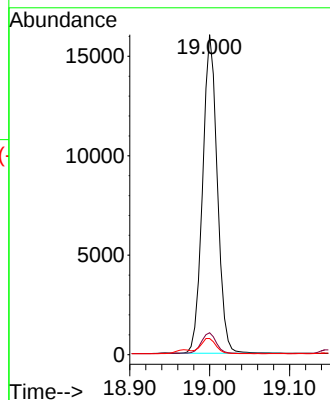
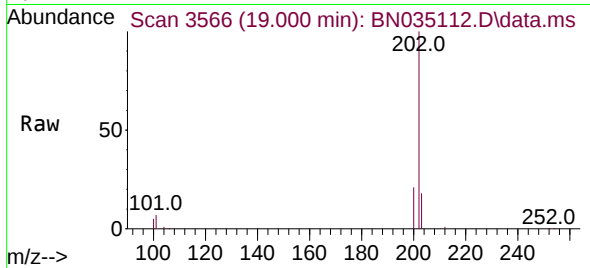




#19
Fluoranthene
Concen: 0.513 ng/ul
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

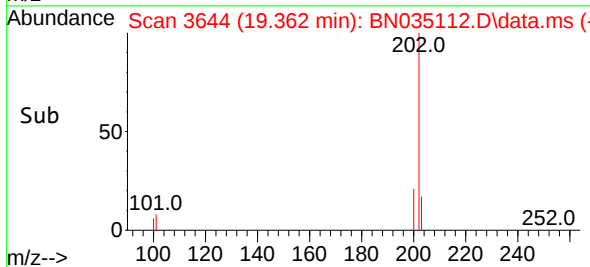
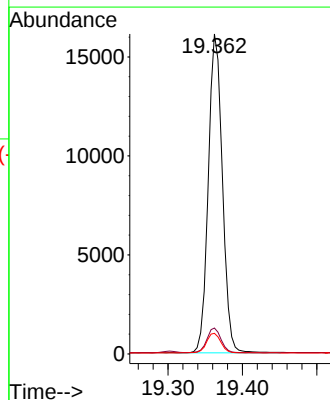
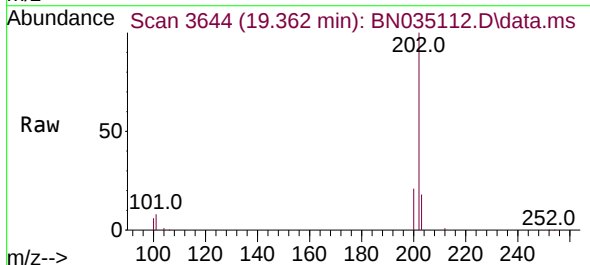
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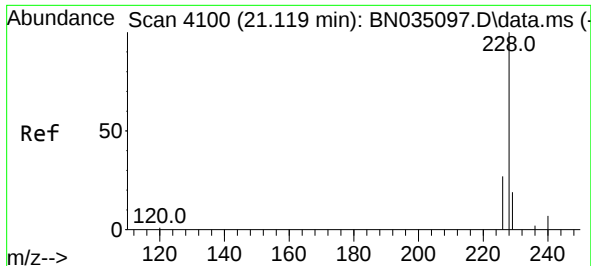
Tgt Ion:202 Resp: 20489
Ion Ratio Lower Upper
202 100
101 6.9 4.2 6.2#
100 5.1 3.2 4.8#



#20
Pyrene
Concen: 0.511 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion:202 Resp: 21172
Ion Ratio Lower Upper
202 100
101 8.1 5.0 7.4#
100 6.4 4.1 6.1#

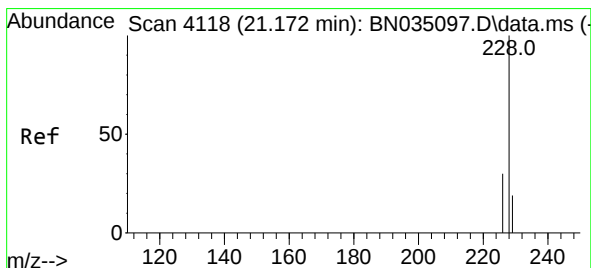
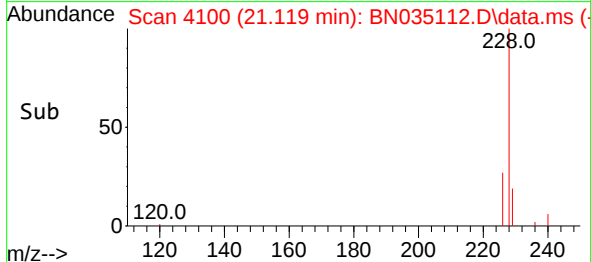
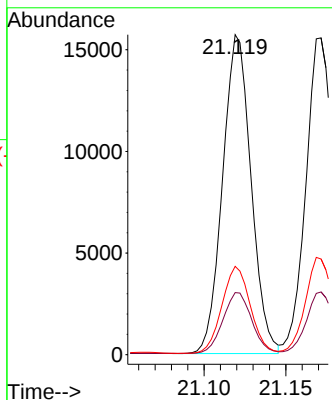
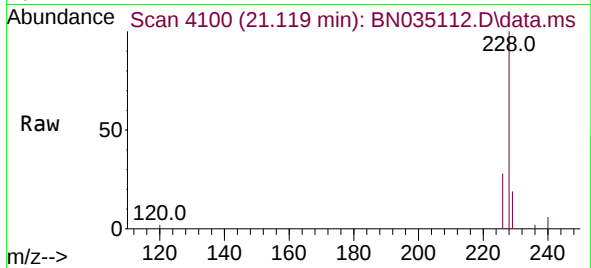




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.119 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

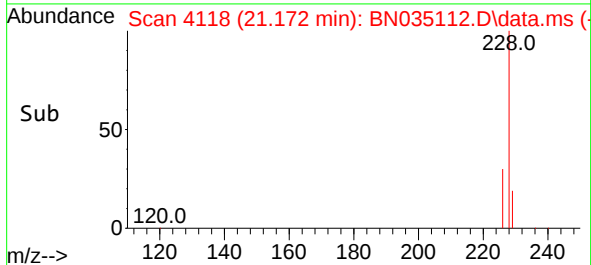
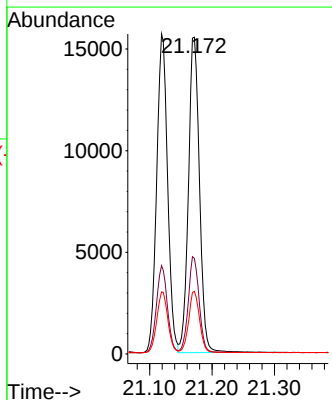
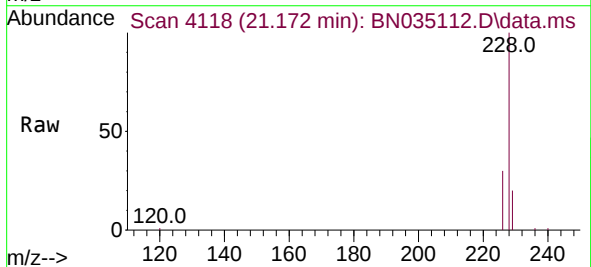
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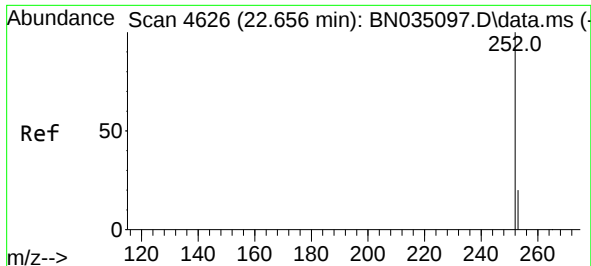
Tgt Ion:228 Resp: 18996
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.432 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

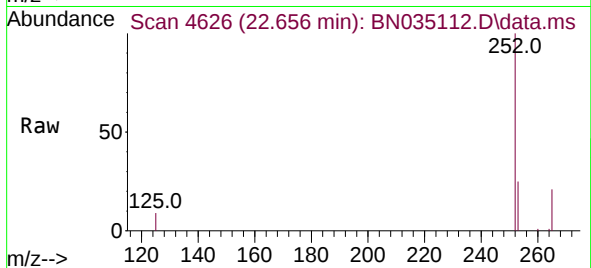
Tgt Ion:228 Resp: 19091
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.8 15.4 23.2



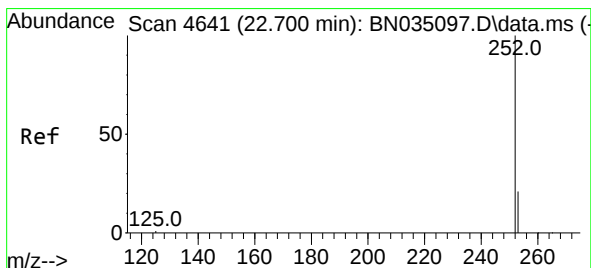
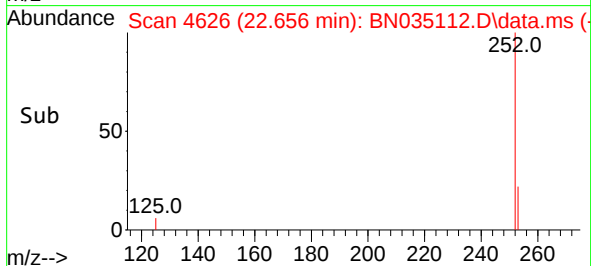
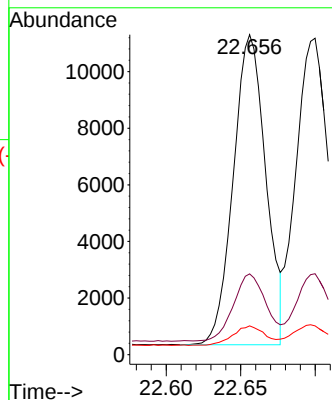


#24
Benzo(b)fluoranthene
Concen: 0.463 ng/ul
RT: 22.656 min Scan# 4626
Delta R.T. -0.000 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Instrument :
BNA_N
ClientSampleId :
SLCS837

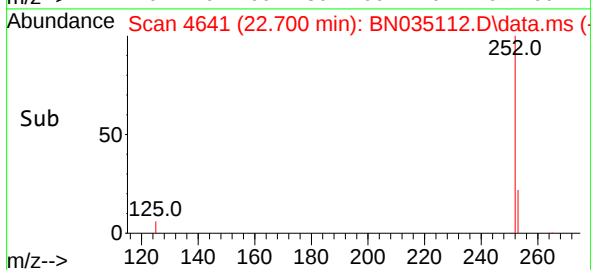
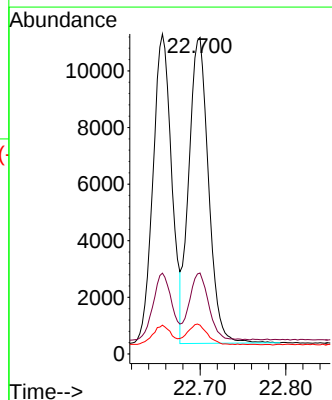
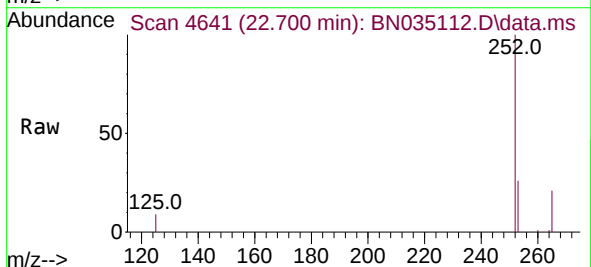


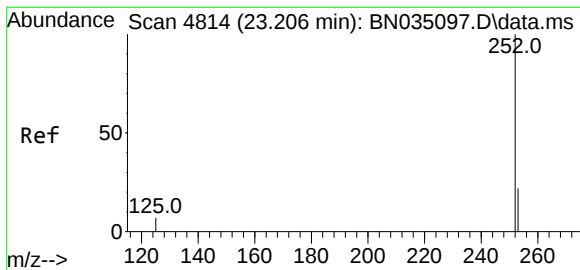
Tgt Ion:252 Resp: 16586
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.0
125 9.0 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.459 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. 0.003 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion:252 Resp: 17192
Ion Ratio Lower Upper
252 100
253 25.6 20.2 30.4
125 9.1 5.8 8.8#





#26

Benzo(a)pyrene

Concen: 0.452 ng/ul

RT: 23.206 min Scan# 4814

Delta R.T. -0.000 min

Lab File: BN035112.D

Acq: 15 Nov 2024 18:48

Instrument :

BNA_N

ClientSampleId :

SLCS837

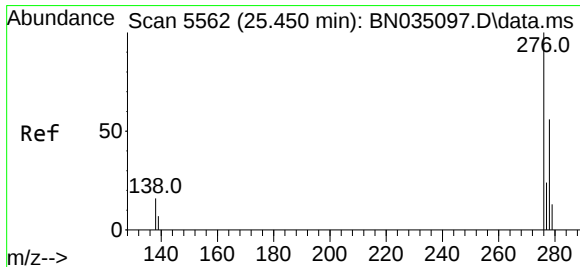
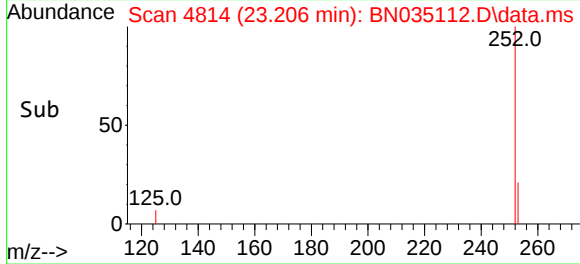
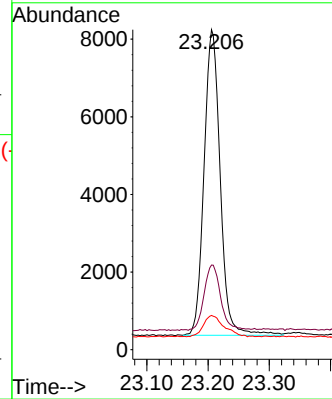
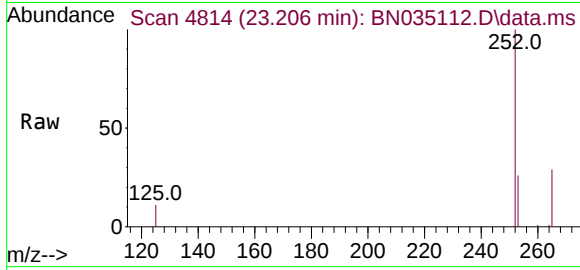
Tgt Ion:252 Resp: 14443

Ion Ratio Lower Upper

252 100

253 26.5 21.2 31.8

125 10.7 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng/ul

RT: 25.450 min Scan# 5562

Delta R.T. 0.003 min

Lab File: BN035112.D

Acq: 15 Nov 2024 18:48

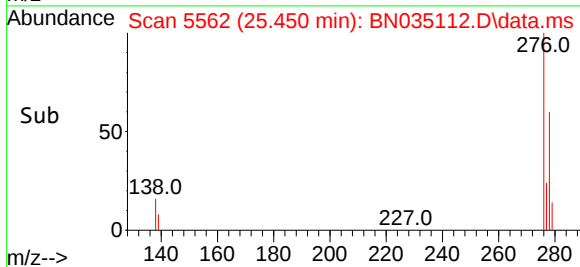
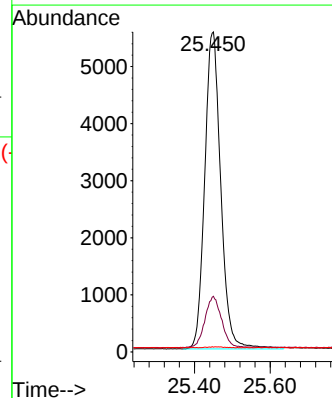
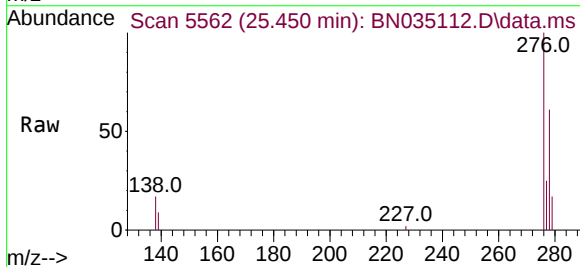
Tgt Ion:276 Resp: 16351

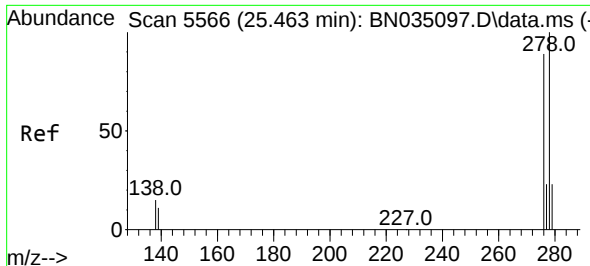
Ion Ratio Lower Upper

276 100

138 16.7 10.8 16.2#

227 0.3 0.2 0.4

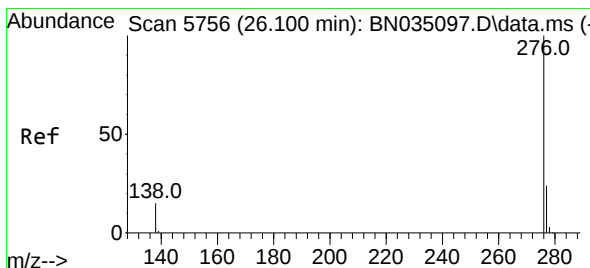
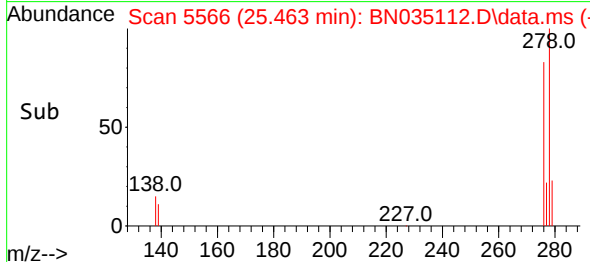
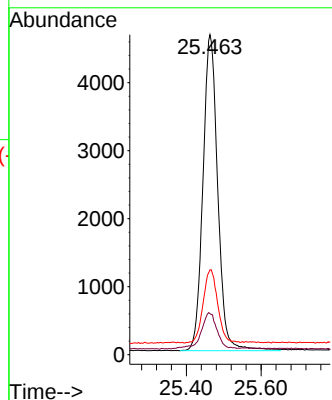
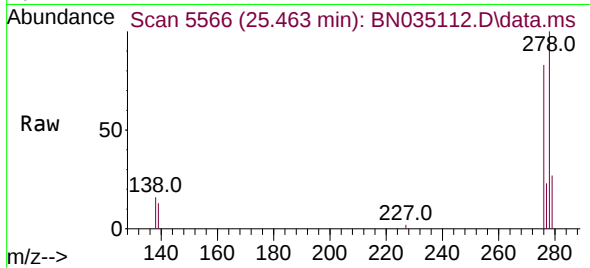




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 25.463 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:278 Resp: 12758
Ion Ratio Lower Upper
278 100
139 12.9 8.4 12.6#
279 26.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.104 min Scan# 5757
Delta R.T. 0.007 min
Lab File: BN035112.D
Acq: 15 Nov 2024 18:48

Tgt Ion:276 Resp: 12726
Ion Ratio Lower Upper
276 100
138 15.6 10.3 15.5#
277 25.0 20.2 30.2

