

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034944.D
 Acq On : 09 Nov 2024 16:26
 Operator : RC/JU
 Sample : PB164777BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS777

Quant Time: Nov 09 22:52:54 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

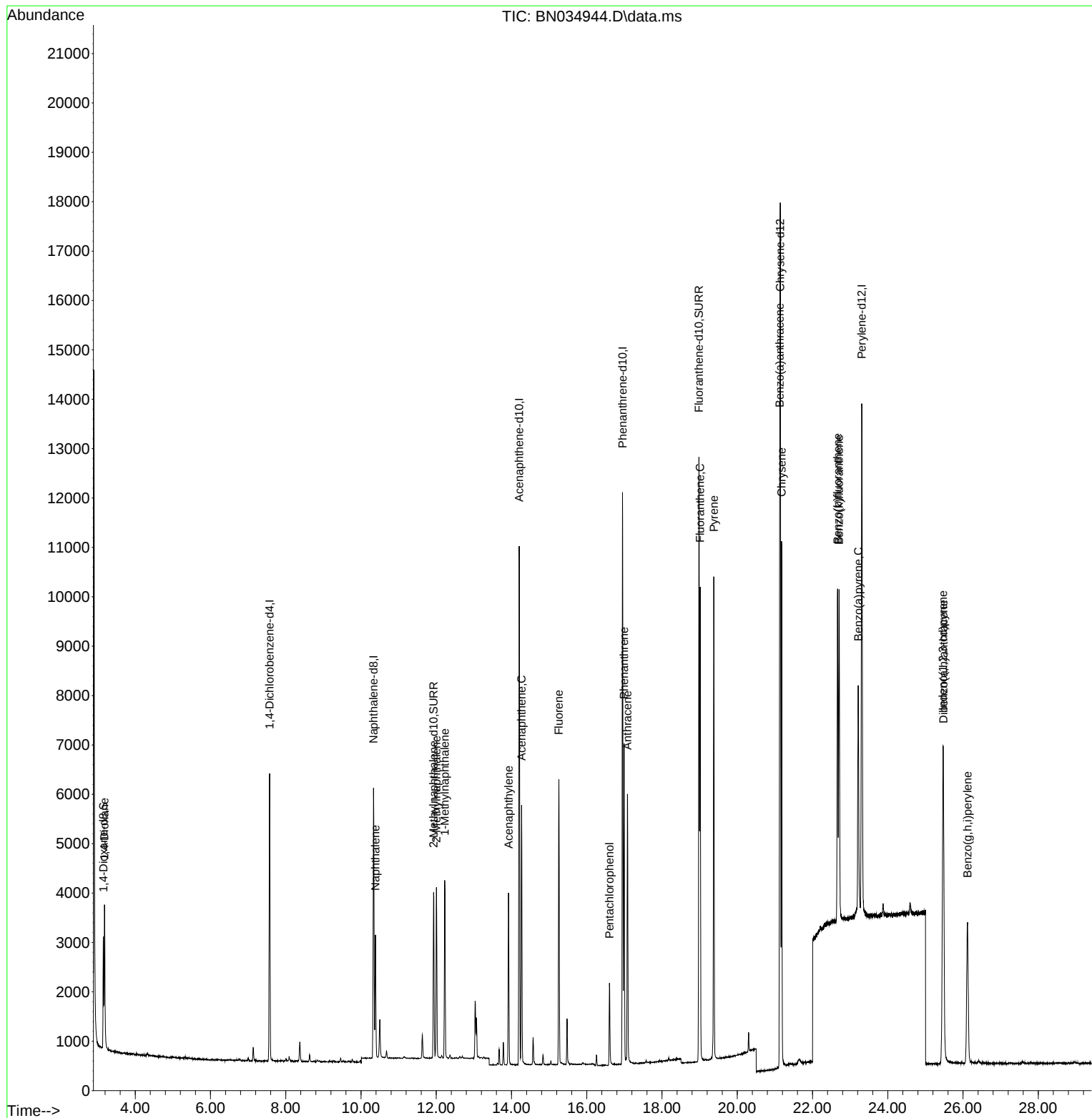
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	2903	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	7356	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.203	164	5647	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	14140	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	13818	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	12998	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1690	0.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4386	0.389	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	14230	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	2290	0.756	ng/ul	94
5) Naphthalene	10.383	128	3188	0.173	ng/ul	100
7) 2-Methylnaphthalene	12.005	142	2326	0.169	ng/ul	99
8) 1-Methylnaphthalene	12.225	142	2389	0.173	ng/ul	99
10) Acenaphthylene	13.921	152	3804	0.165	ng/ul	99
11) Acenaphthene	14.268	153	2956	0.169	ng/ul	98
12) Fluorene	15.258	166	3571	0.161	ng/ul	97
14) Pentachlorophenol	16.603	266	1067	0.326	ng/ul	95
15) Phenanthrene	16.992	178	6343	0.168	ng/ul	99
16) Anthracene	17.080	178	5731	0.161	ng/ul	100
19) Fluoranthene	19.014	202	8225	0.178	ng/ul#	96
20) Pyrene	19.376	202	8518	0.178	ng/ul	97
21) Benzo(a)anthracene	21.128	228	8501	0.170	ng/ul	100
22) Chrysene	21.177	228	8876	0.174	ng/ul	99
24) Benzo(b)fluoranthene	22.665	252	8246	0.180	ng/ul	93
25) Benzo(k)fluoranthene	22.706	252	8509	0.178	ng/ul#	92
26) Benzo(a)pyrene	23.214	252	7007	0.172	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.467	276	8111	0.162	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.480	278	6281	0.161	ng/ul	94
29) Benzo(g,h,i)perylene	26.121	276	6191	0.162	ng/ul#	94

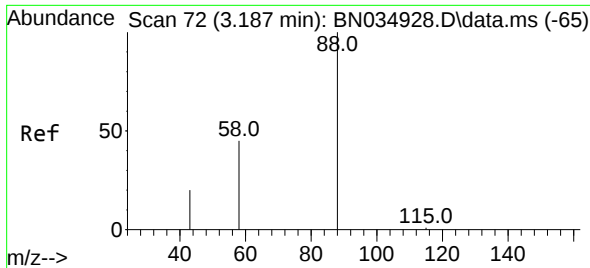
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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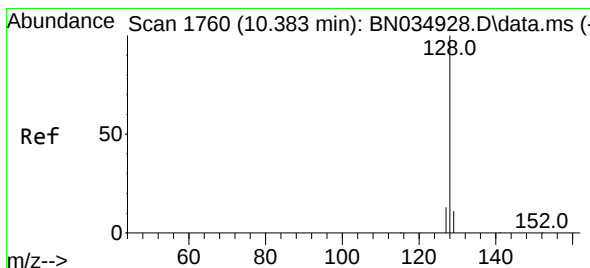
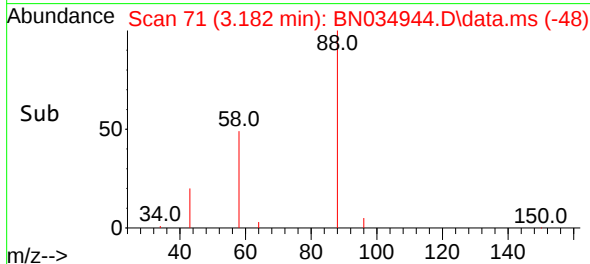
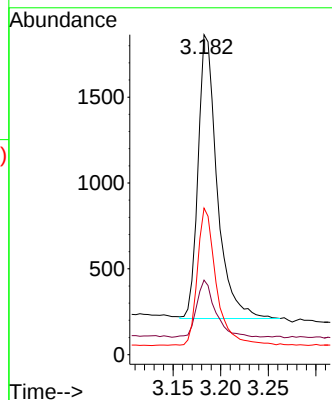
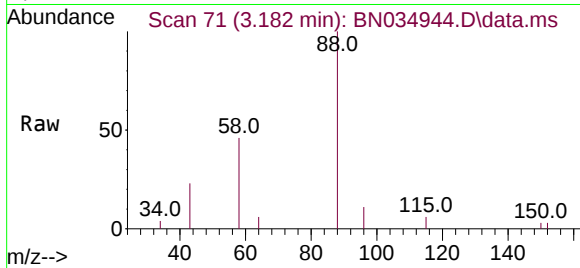




#2
 1,4-Dioxane
 Concen: 0.756 ng/ul
 RT: 3.182 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034944.D
 Acq: 09 Nov 2024 16:26

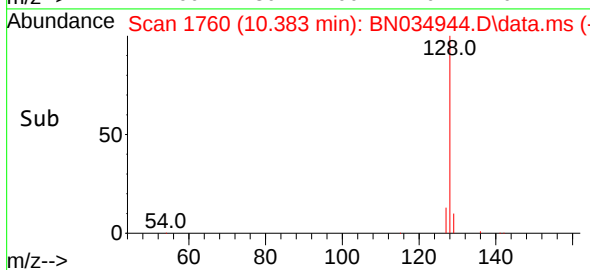
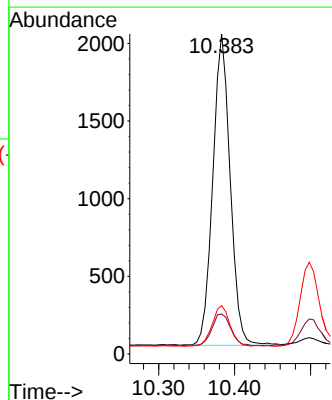
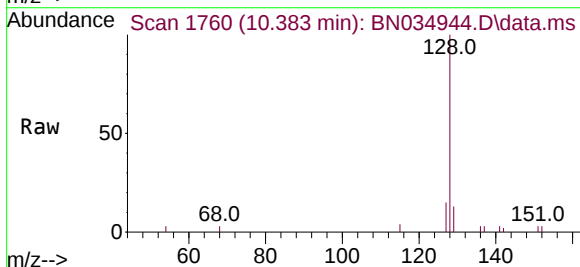
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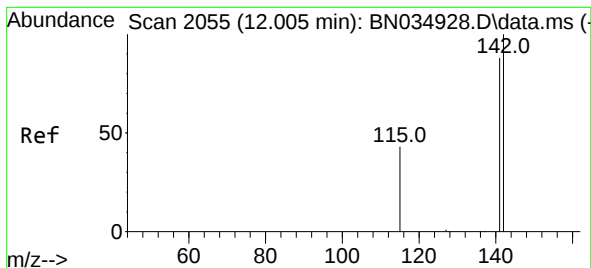
Tgt Ion: 88 Resp: 2290
 Ion Ratio Lower Upper
 88 100
 43 23.3 23.3 34.9
 58 45.8 35.4 53.2



#5
 Naphthalene
 Concen: 0.173 ng/ul
 RT: 10.383 min Scan# 1760
 Delta R.T. -0.005 min
 Lab File: BN034944.D
 Acq: 09 Nov 2024 16:26

Tgt Ion: 128 Resp: 3188
 Ion Ratio Lower Upper
 128 100
 129 12.5 10.1 15.1
 127 15.1 12.1 18.1

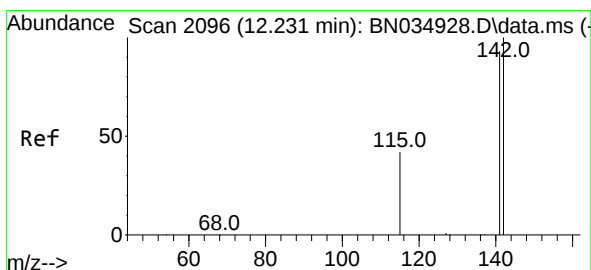
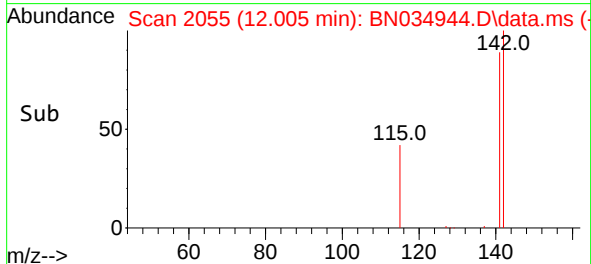
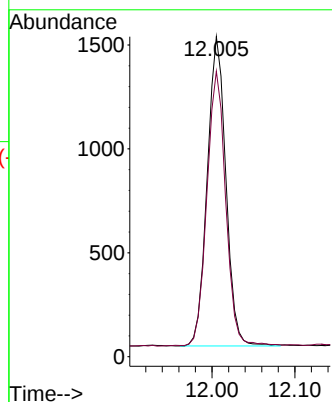
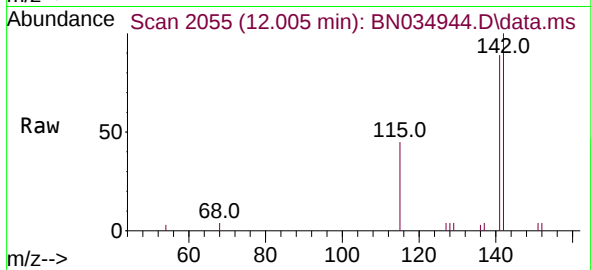




#7
2-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

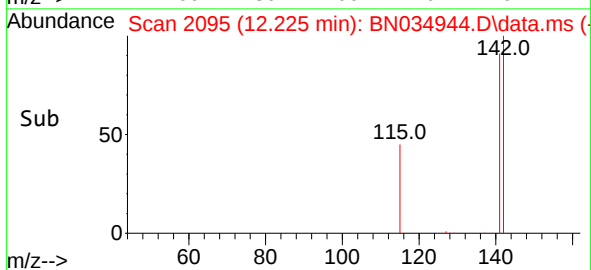
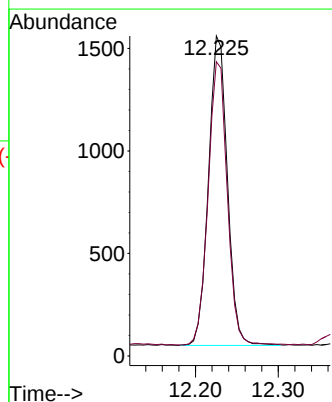
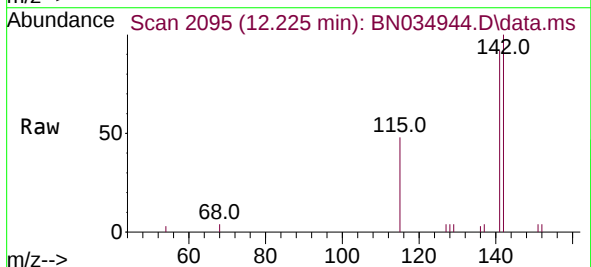
Instrument :
BNA_N
ClientSampleId :
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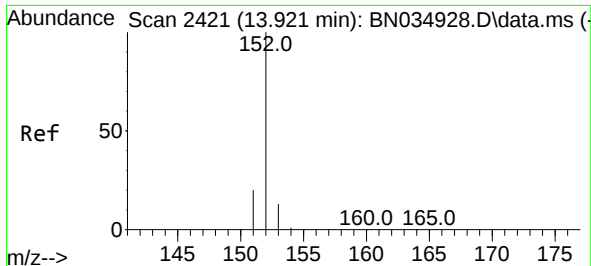
Tgt Ion:142 Resp: 2326
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:142 Resp: 2389
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8

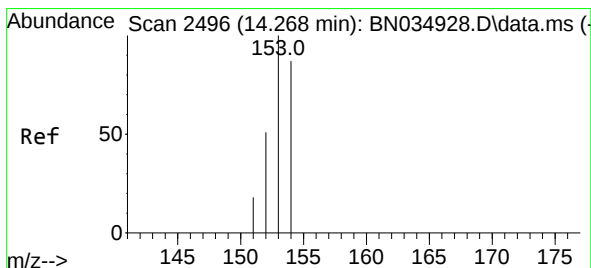
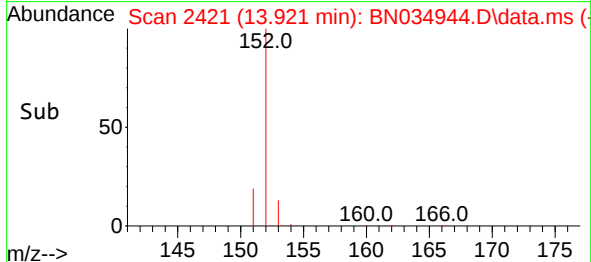
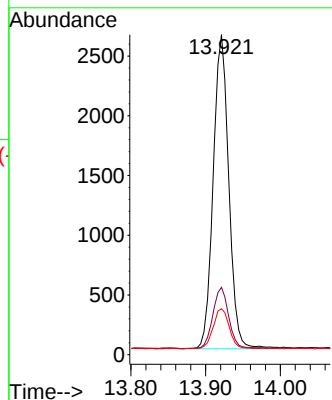
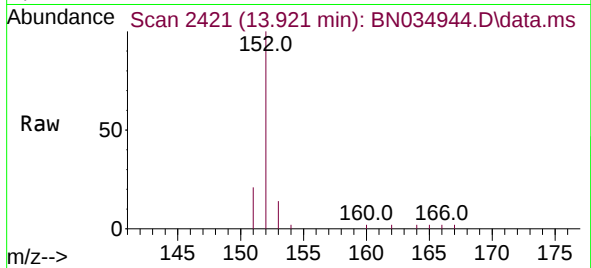




#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

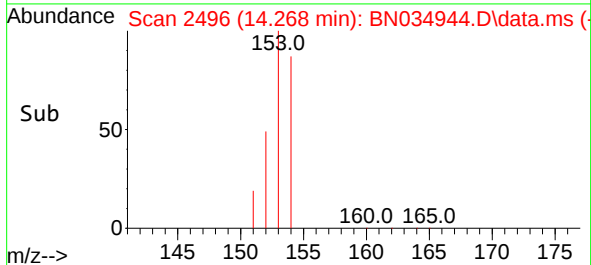
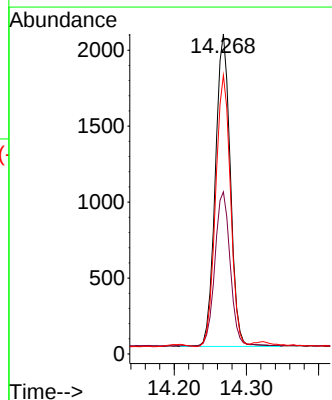
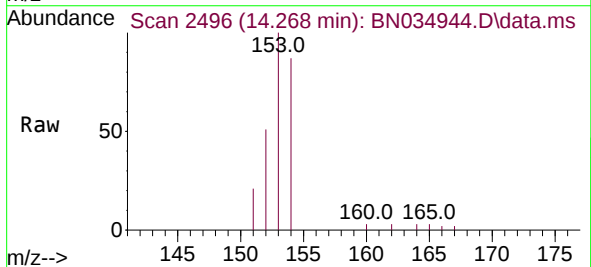
Instrument :
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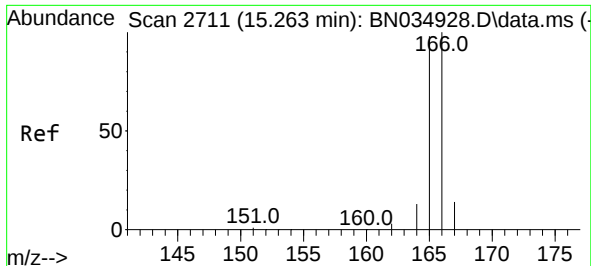
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8
153	14.4	11.0	16.6



#11
Acenaphthene
Concen: 0.169 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.5	62.3
154	87.1	70.9	106.3

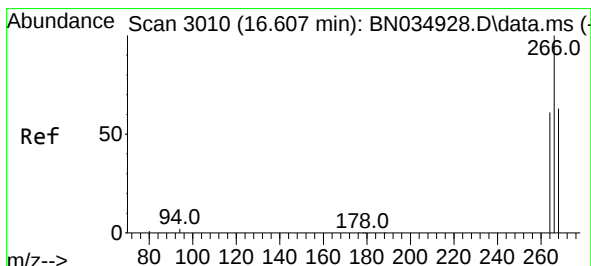
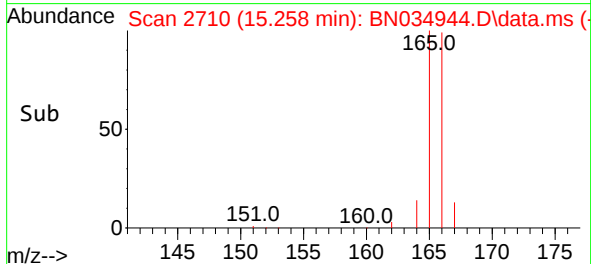
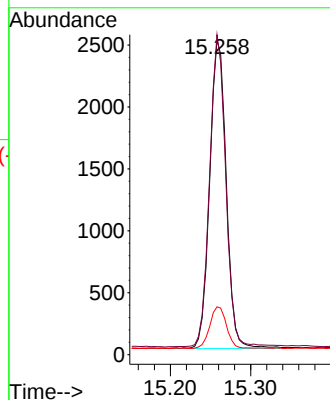
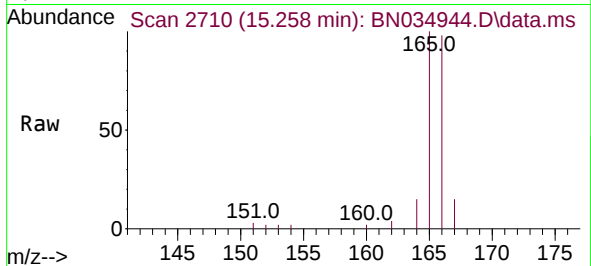




#12
 Fluorene
 Concen: 0.161 ng/ul
 RT: 15.258 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN034944.D
 Acq: 09 Nov 2024 16:26

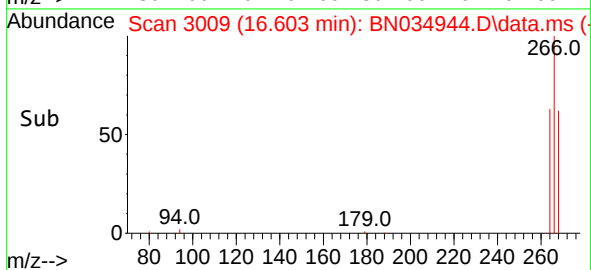
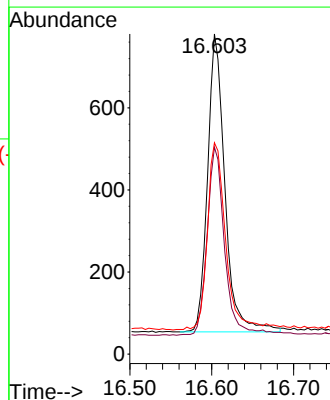
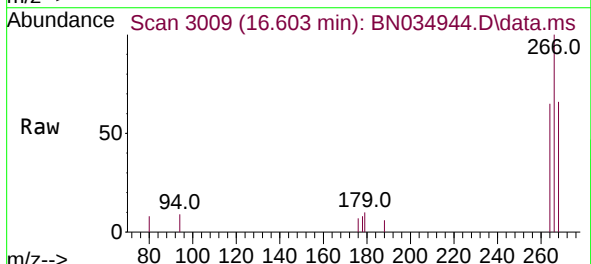
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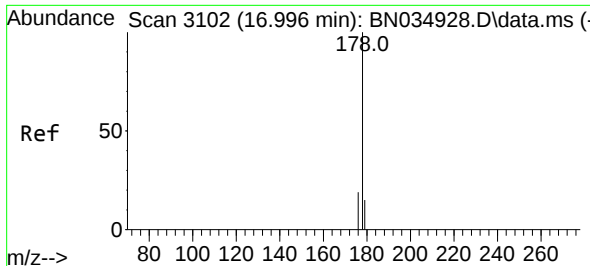
Tgt Ion:166	Resp:	3571
Ion Ratio	Lower	Upper
166	100	
165	101.7	79.0 118.4
167	15.2	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.326 ng/ul
 RT: 16.603 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BN034944.D
 Acq: 09 Nov 2024 16:26

Tgt Ion:266	Resp:	1067
Ion Ratio	Lower	Upper
266	100	
264	63.9	50.2 75.2
268	66.7	48.4 72.6

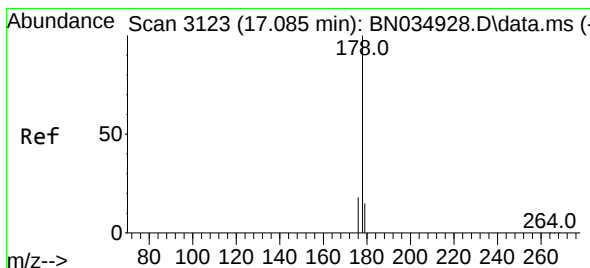
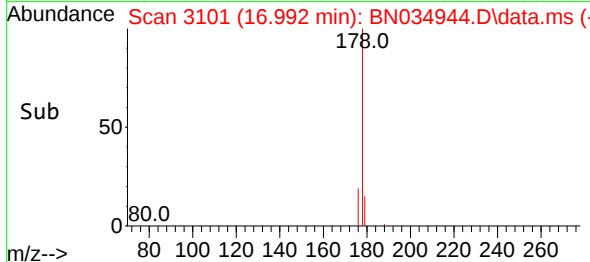
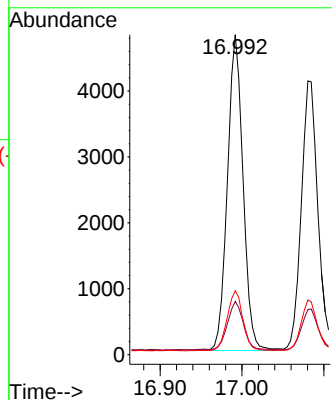
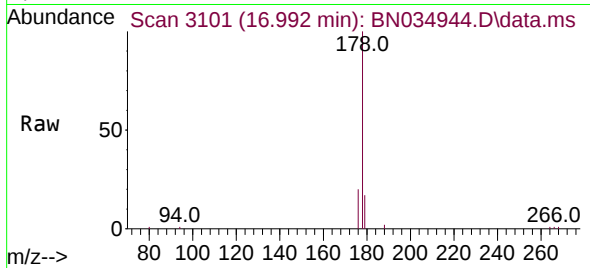




#15
Phenanthrene
Concen: 0.168 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

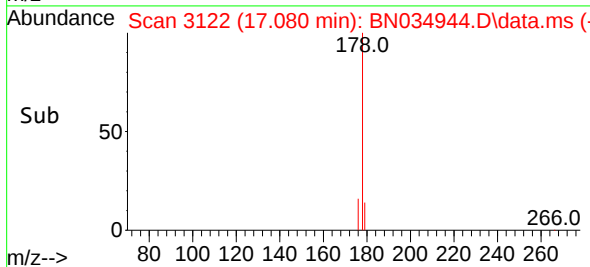
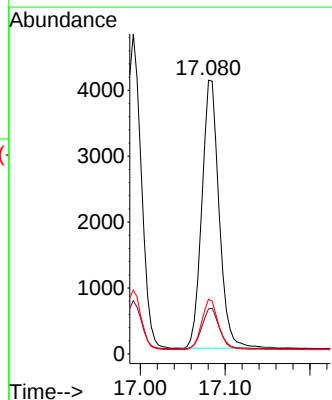
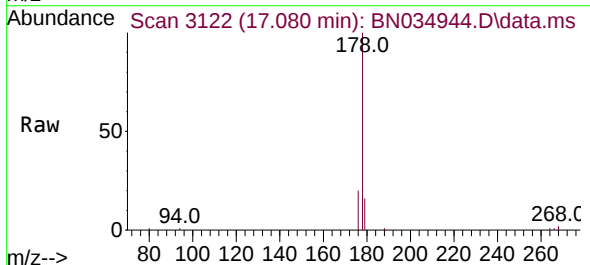
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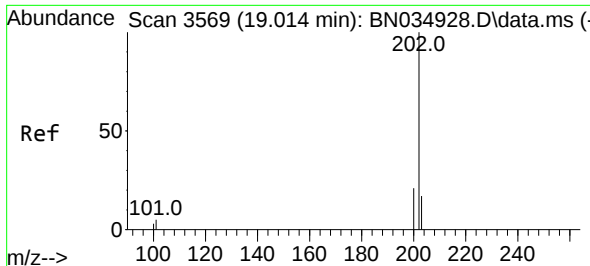
Tgt Ion:178 Resp: 6343
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.2
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:178 Resp: 5731
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 20.0 15.8 23.8

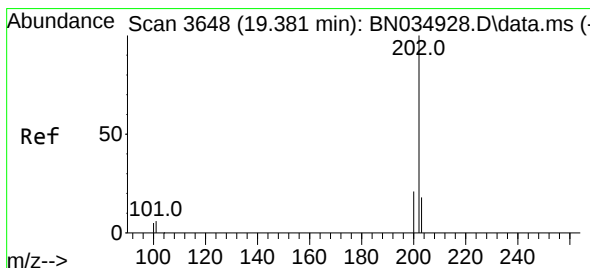
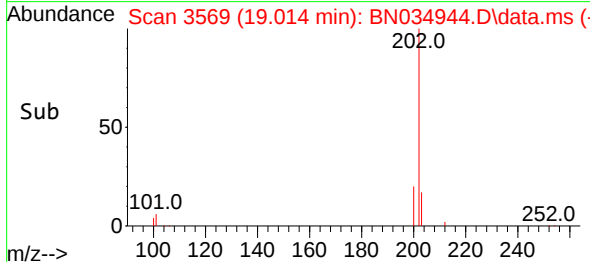
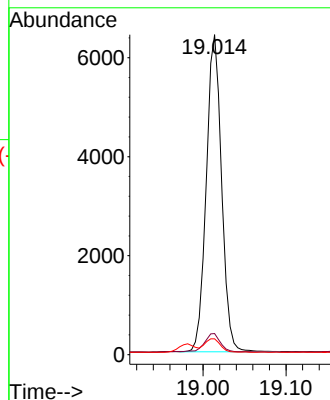
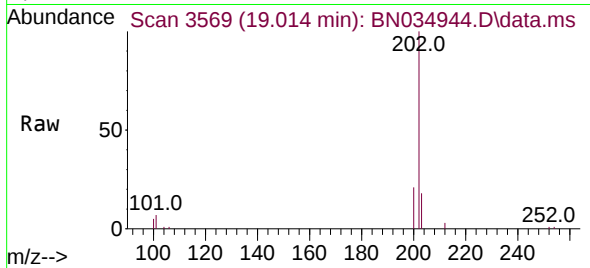




#19
Fluoranthene
Concen: 0.178 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

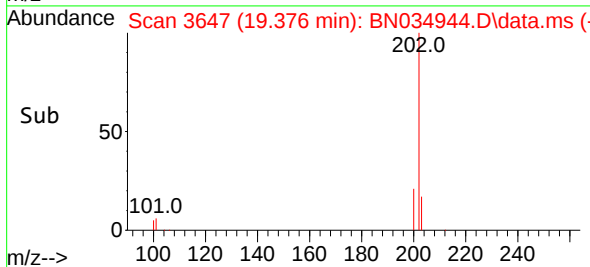
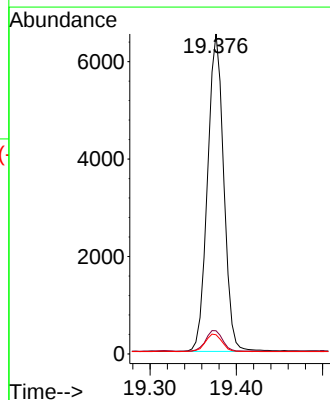
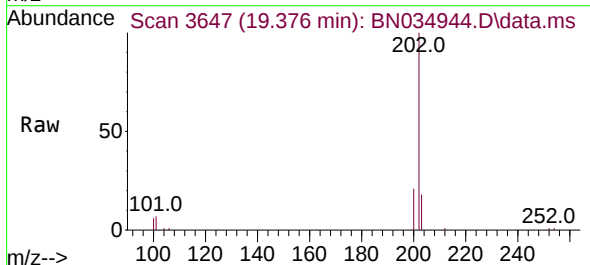
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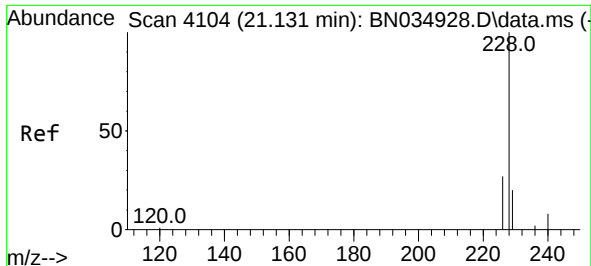
Tgt Ion:202 Resp: 8225
Ion Ratio Lower Upper
202 100
101 6.6 4.2 6.2#
100 4.9 3.2 4.8#



#20
Pyrene
Concen: 0.178 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:202 Resp: 8518
Ion Ratio Lower Upper
202 100
101 7.3 5.0 7.4
100 6.0 4.1 6.1

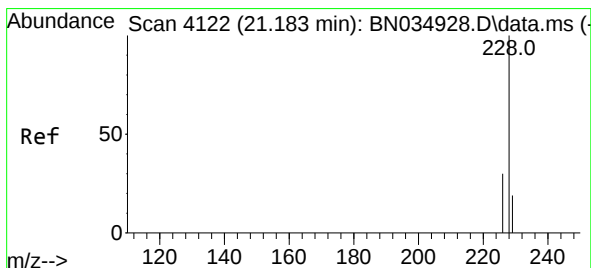
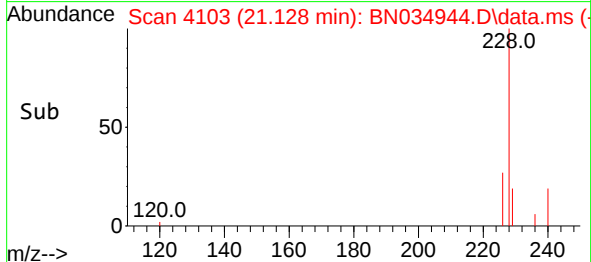
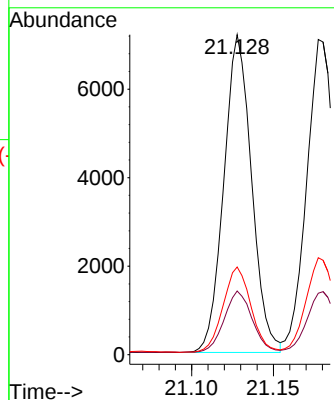
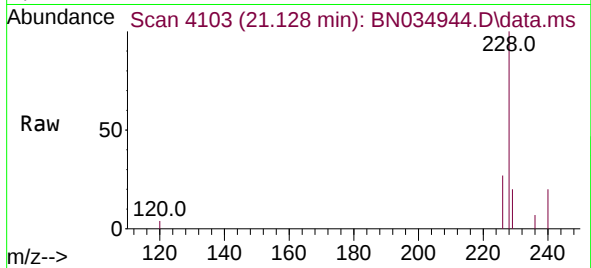




#21
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.128 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

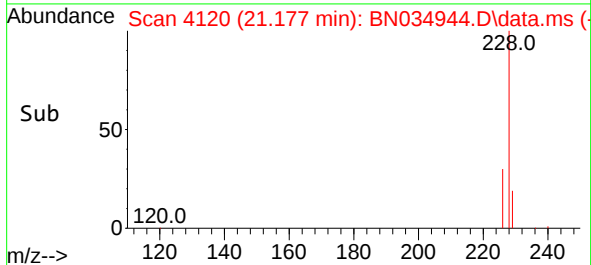
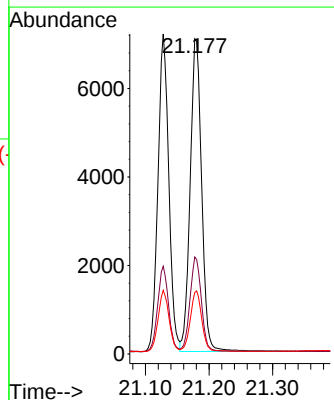
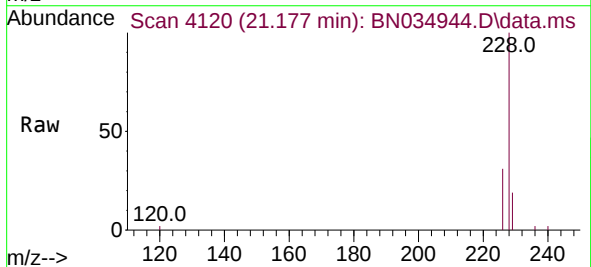
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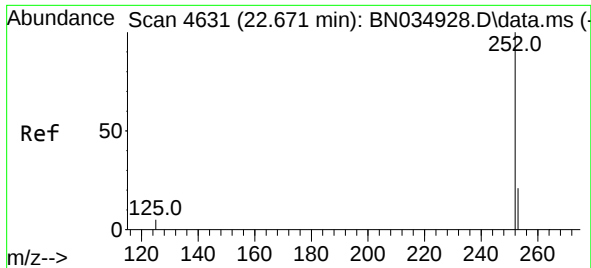
Tgt Ion:228 Resp: 8501
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.174 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:228 Resp: 8876
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 19.5 15.4 23.2

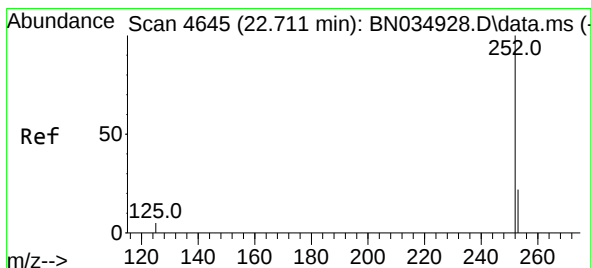
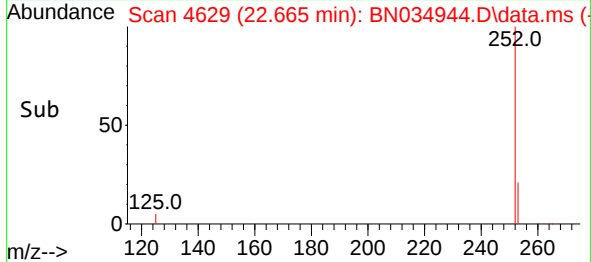
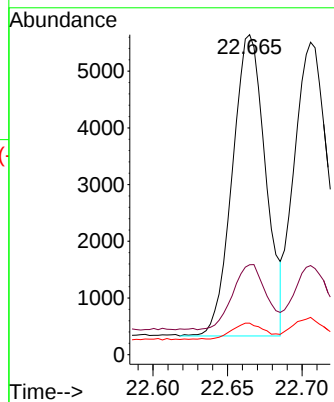
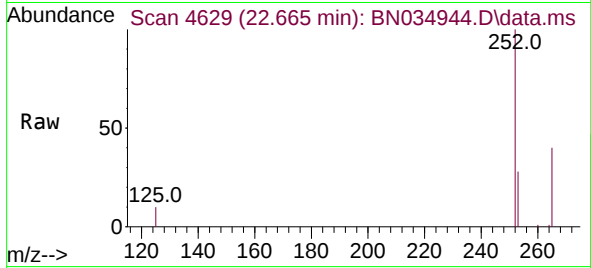




#24
Benzo(b)fluoranthene
Concen: 0.180 ng/ul
RT: 22.665 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

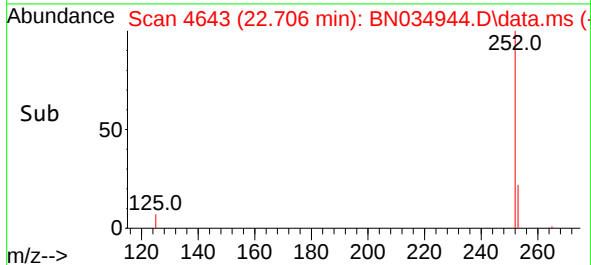
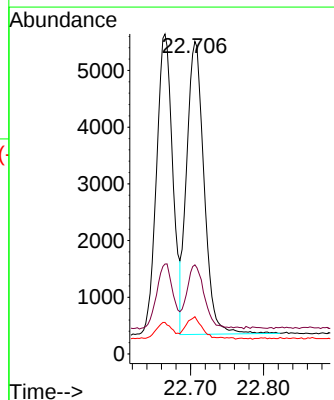
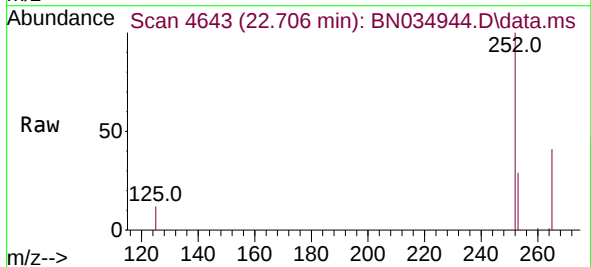
Instrument :
BNA_N
ClientSampleId :
SLCS777

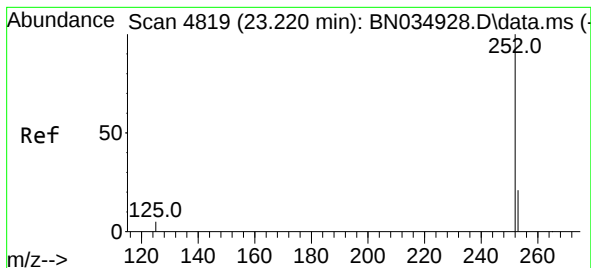
Tgt Ion:252 Resp: 8246
Ion Ratio Lower Upper
252 100
253 28.1 0.0 50.0
125 9.9 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.178 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.006 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:252 Resp: 8509
Ion Ratio Lower Upper
252 100
253 28.5 20.2 30.4
125 12.0 5.8 8.8





#26

Benzo(a)pyrene

Concen: 0.172 ng/ul

RT: 23.214 min Scan# 4819

Delta R.T. -0.003 min

Lab File: BN034944.D

Acq: 09 Nov 2024 16:26

Instrument :

BNA_N

ClientSampleId :

SLCS777

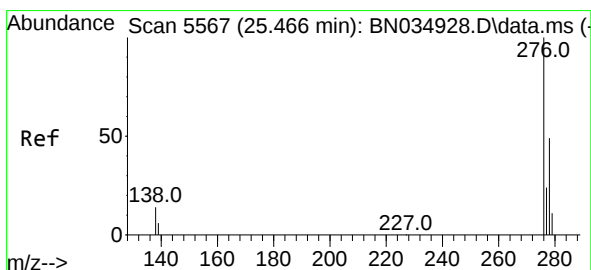
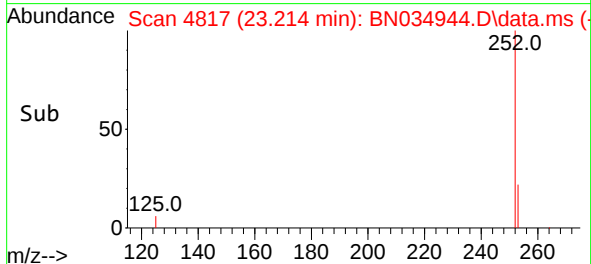
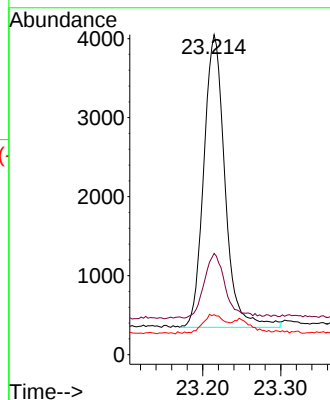
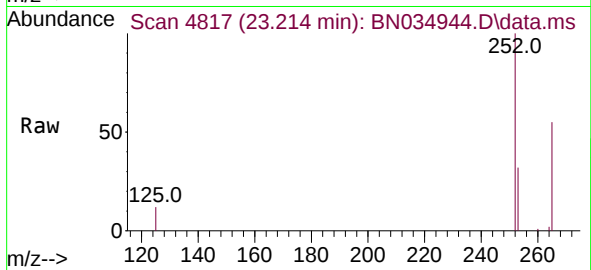
Tgt Ion:252 Resp: 7007

Ion Ratio Lower Upper

252 100

253 31.6 21.2 31.8

125 12.5 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.162 ng/ul

RT: 25.467 min Scan# 5567

Delta R.T. -0.003 min

Lab File: BN034944.D

Acq: 09 Nov 2024 16:26

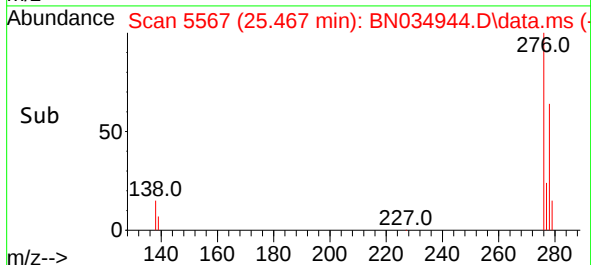
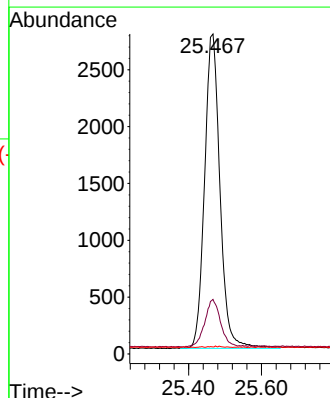
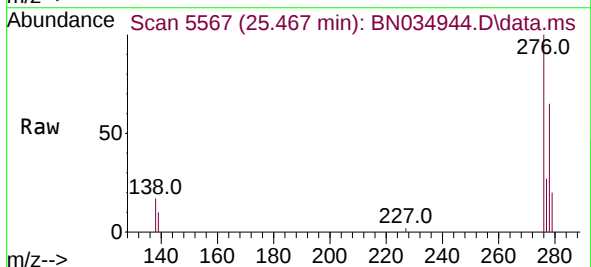
Tgt Ion:276 Resp: 8111

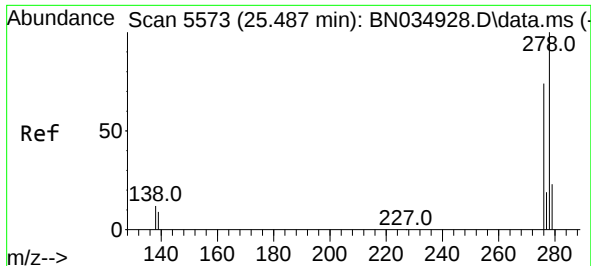
Ion Ratio Lower Upper

276 100

138 15.8 10.8 16.2

227 0.0 0.2 0.4#

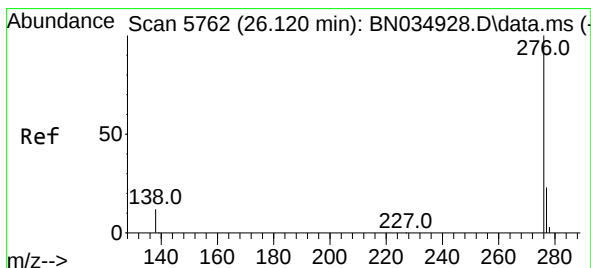
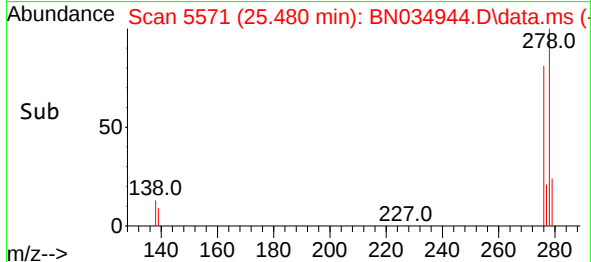
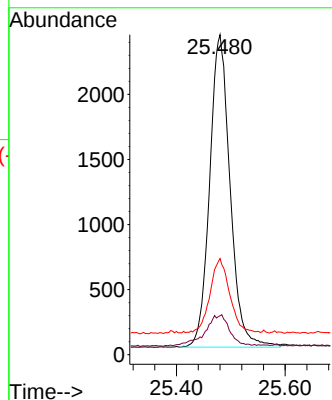
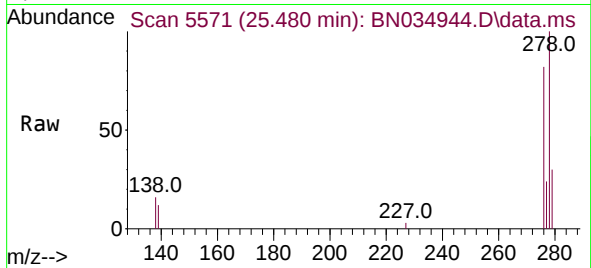




#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 25.480 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Instrument :
BNA_N
ClientSampleId :
SLCS777

Tgt Ion:278 Resp: 6281
Ion Ratio Lower Upper
278 100
139 12.1 8.4 12.6
279 30.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.162 ng/ul
RT: 26.121 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BN034944.D
Acq: 09 Nov 2024 16:26

Tgt Ion:276 Resp: 6191
Ion Ratio Lower Upper
276 100
138 16.6 10.3 15.5#
277 27.2 20.2 30.2

