

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN034013.D
 Acq On : 17 Sep 2024 06:50
 Operator : JU/RC
 Sample : PB163438BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS438

Quant Time: Sep 17 07:38:20 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 : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

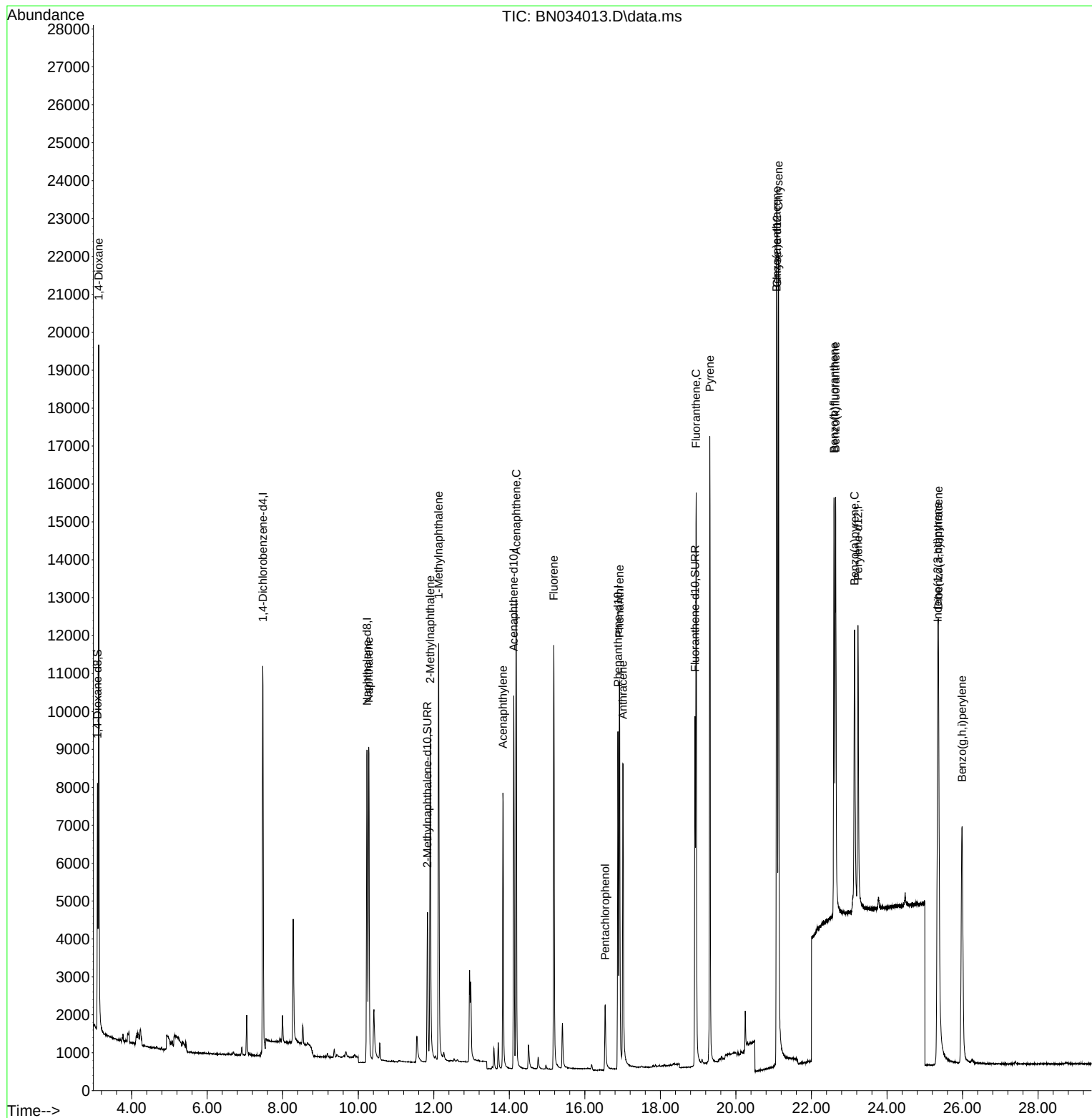
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.473	152	5286	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.233	136	11735	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	5744	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	11510	0.400	ng/ul	0.00
17) Chrysene-d12	21.092	240	12902	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	10105	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3590	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	6076	0.361	ng/ul	-0.01
18) Fluoranthene-d10	18.915	212	11005	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	10452	1.733	ng/ul#	78
5) Naphthalene	10.277	128	11569	0.369	ng/ul	99
7) 2-Methylnaphthalene	11.905	142	7165	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.131	142	8434	0.412	ng/ul	100
10) Acenaphthylene	13.832	152	8917	0.342	ng/ul	99
11) Acenaphthene	14.184	153	7447	0.395	ng/ul	98
12) Fluorene	15.178	166	7809	0.371	ng/ul	99
14) Pentachlorophenol	16.539	266	1616	0.446	ng/ul	99
15) Phenanthrene	16.919	178	11995	0.353	ng/ul	100
16) Anthracene	17.008	178	10226	0.335	ng/ul	99
19) Fluoranthene	18.948	202	13691	0.269	ng/ul	100
20) Pyrene	19.310	202	14369	0.266	ng/ul	100
21) Benzo(a)anthracene	21.077	228	17649	0.347	ng/ul	99
22) Chrysene	21.127	228	21208	0.413	ng/ul	99
24) Benzo(b)fluoranthene	22.599	252	13307	0.339	ng/ul	98
25) Benzo(k)fluoranthene	22.640	252	15033	0.383	ng/ul	99
26) Benzo(a)pyrene	23.140	252	12377	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.344	276	17093	0.361	ng/ul	99
28) Dibenzo(a,h)anthracene	25.364	278	13149	0.358	ng/ul	97
29) Benzo(g,h,i)perylene	25.988	276	13967	0.378	ng/ul	99

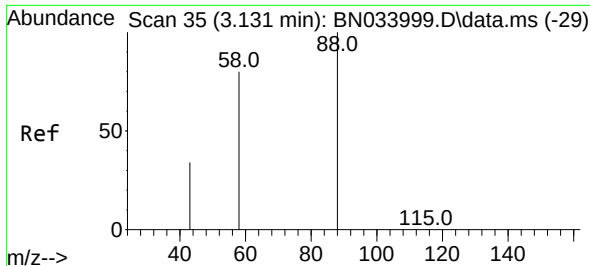
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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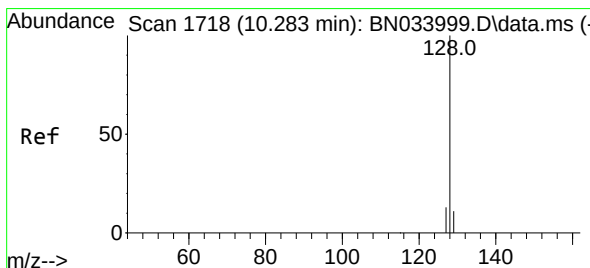
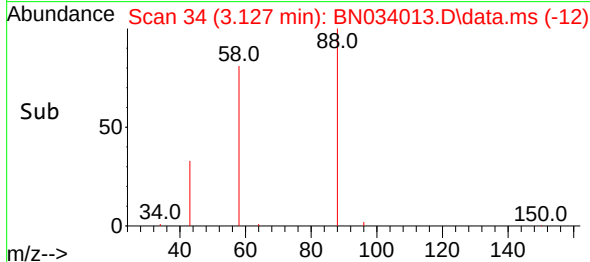
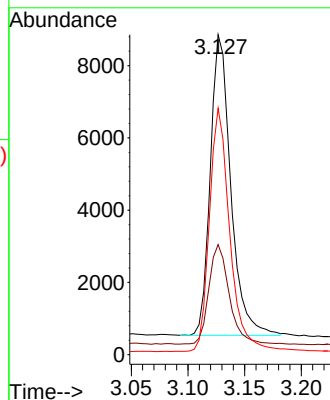
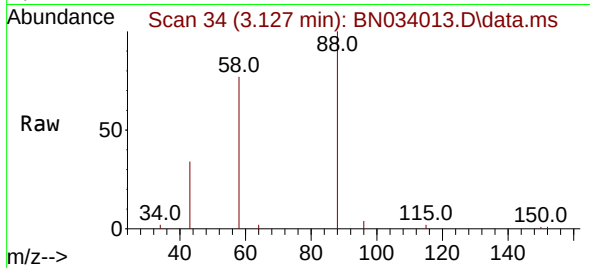




#2
1,4-Dioxane
Concen: 1.733 ng/ul
RT: 3.127 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

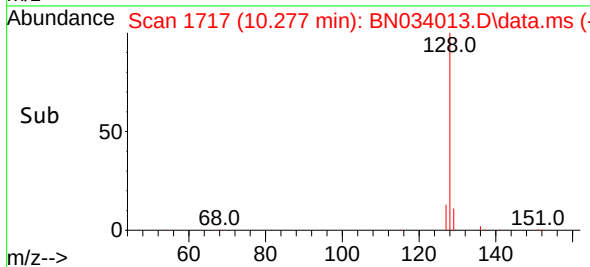
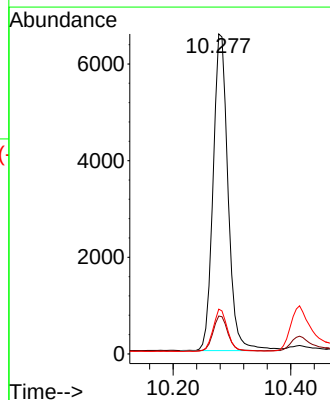
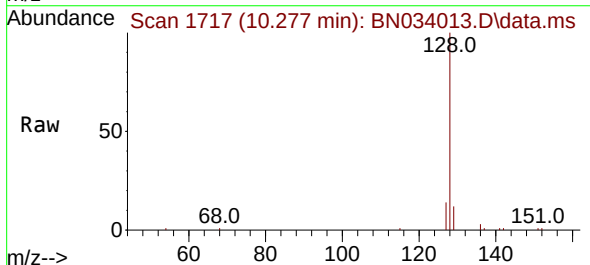
Instrument :
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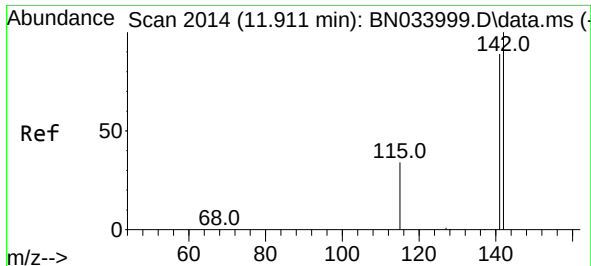
Tgt Ion: 88 Resp: 10452
Ion Ratio Lower Upper
88 100
43 34.4 47.0 70.4#
58 77.0 53.0 79.4



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.017 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:128 Resp: 11569
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.0 10.8 16.2

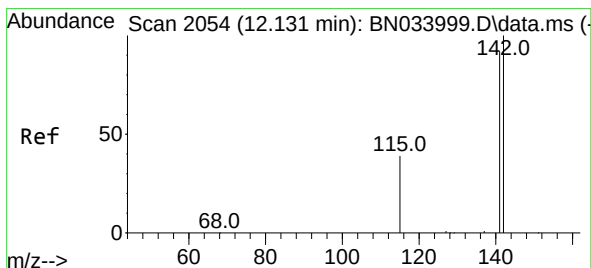
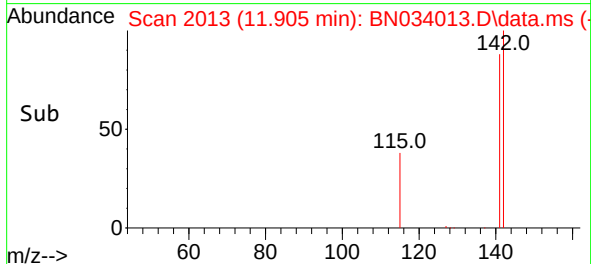
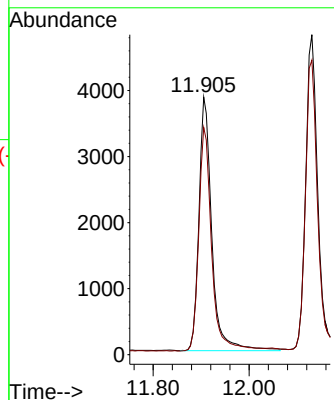
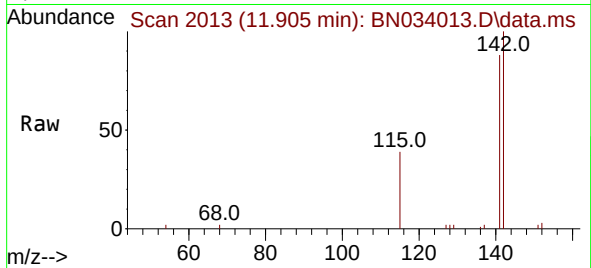




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 11.905 min Scan# 2013
Delta R.T. -0.017 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

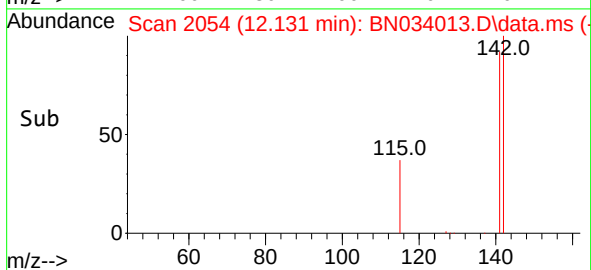
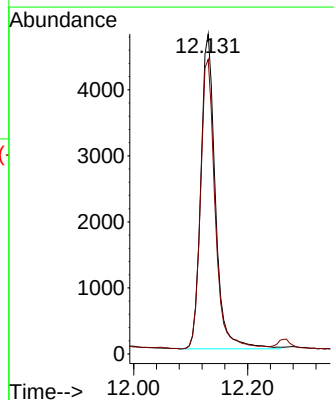
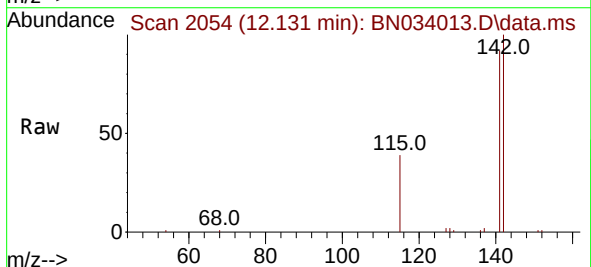
Instrument :
BNA_N
ClientSampleId :
SLCS438

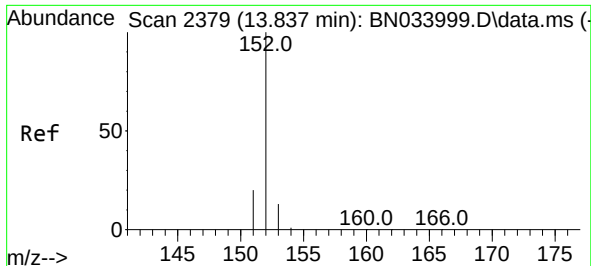
Tgt Ion:142 Resp: 7165
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:142 Resp: 8434
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4

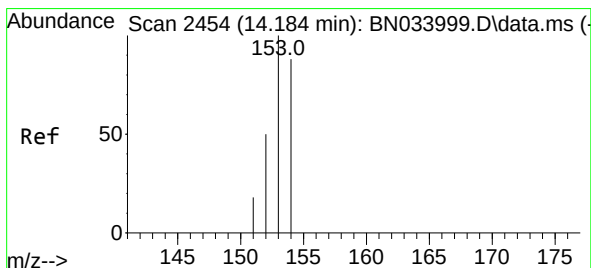
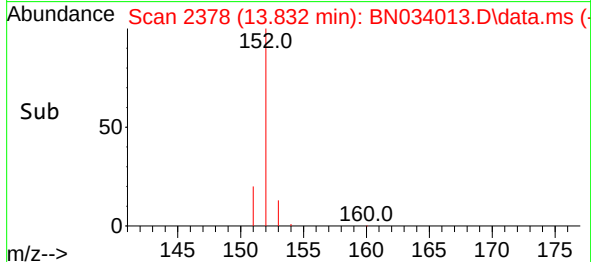
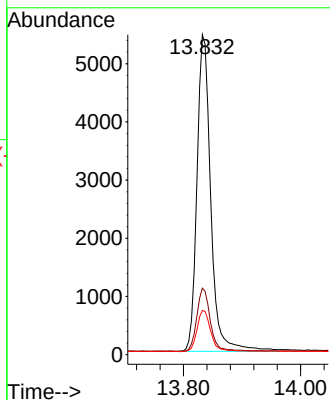
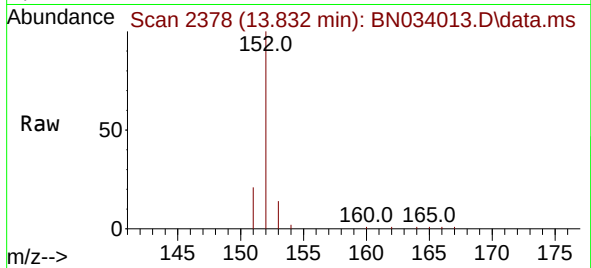




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 13.832 min Scan# 211
Delta R.T. -0.014 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

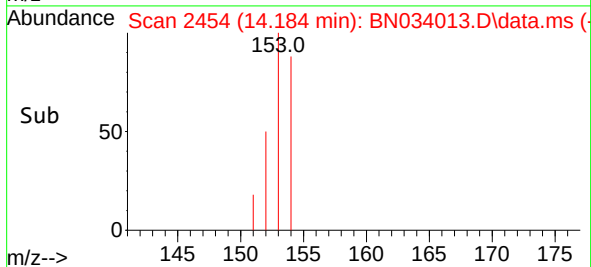
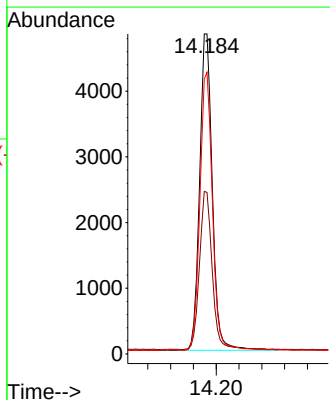
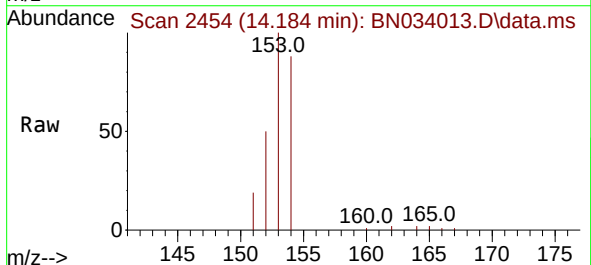
Instrument :
BNA_N
ClientSampleId :
SLCS438

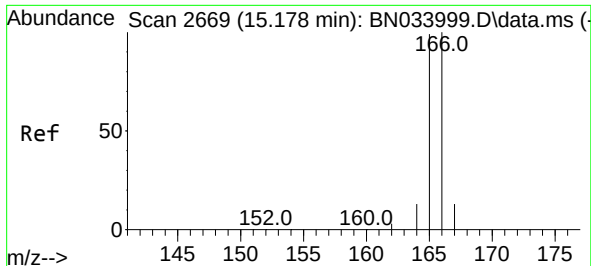
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.8	10.8	16.2



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.8	59.8
154	88.0	69.0	103.6

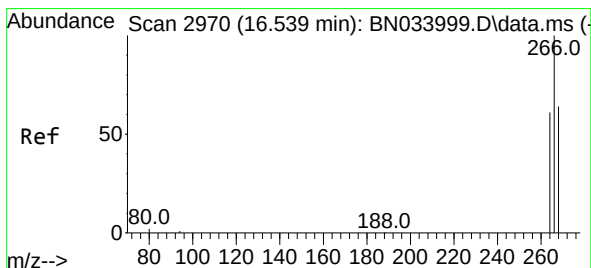
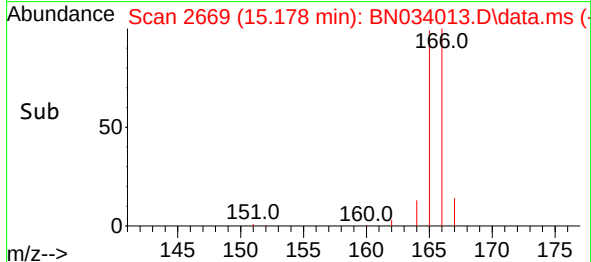
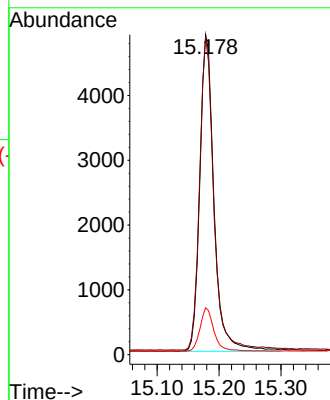
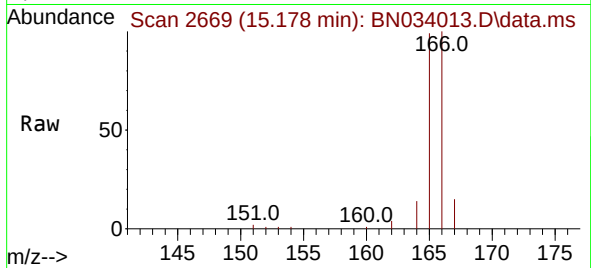




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

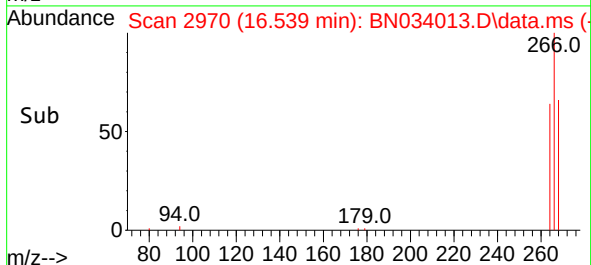
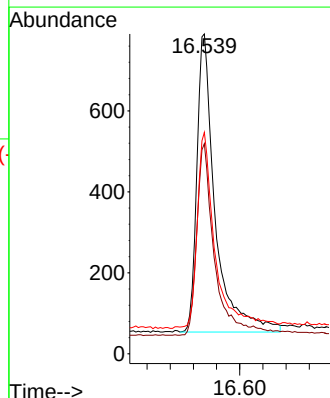
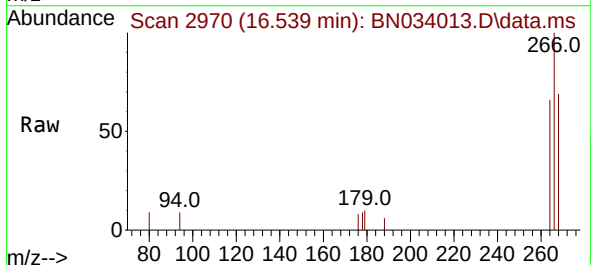
Instrument :
BNA_N
ClientSampleId :
SLCS438

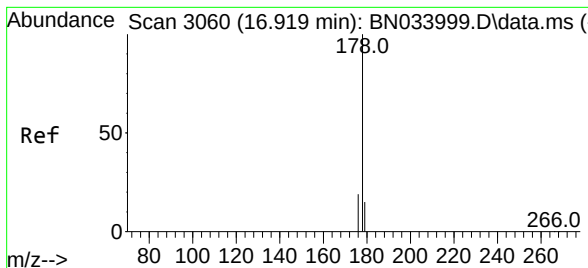
Tgt Ion:166 Resp: 7809
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.446 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.004 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:266 Resp: 1616
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 62.8 51.7 77.5





#15

Phenanthrene

Concen: 0.353 ng/ul

RT: 16.919 min Scan# 3060

Delta R.T. -0.009 min

Lab File: BN034013.D

Acq: 17 Sep 2024 06:50

Instrument :

BNA_N

ClientSampleId :

SLCS438

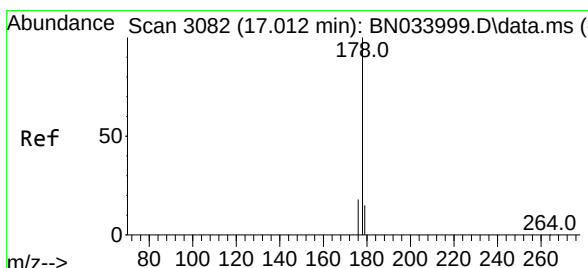
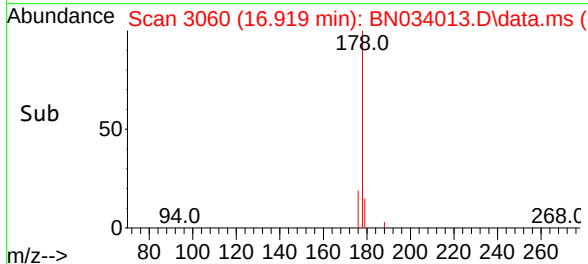
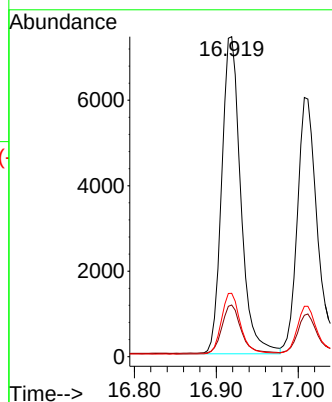
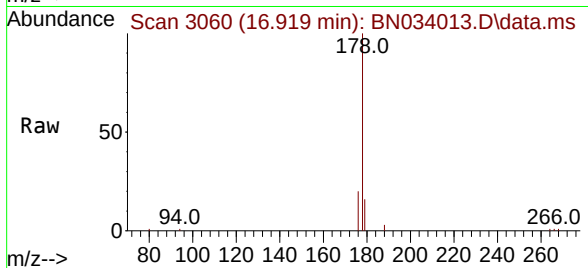
Tgt Ion:178 Resp: 11995

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.8 15.7 23.5



#16

Anthracene

Concen: 0.335 ng/ul

RT: 17.008 min Scan# 3081

Delta R.T. -0.009 min

Lab File: BN034013.D

Acq: 17 Sep 2024 06:50

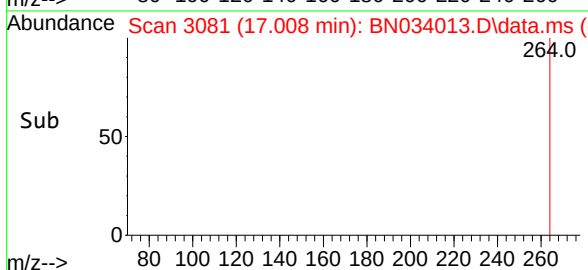
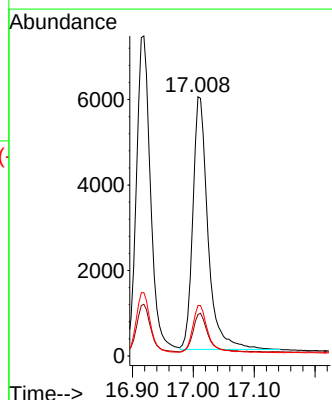
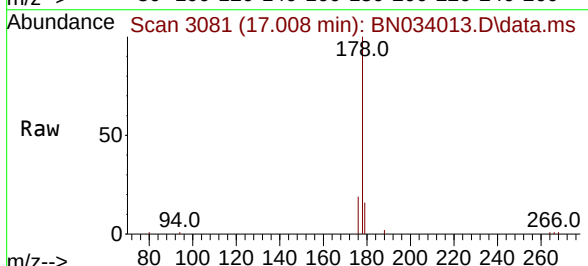
Tgt Ion:178 Resp: 10226

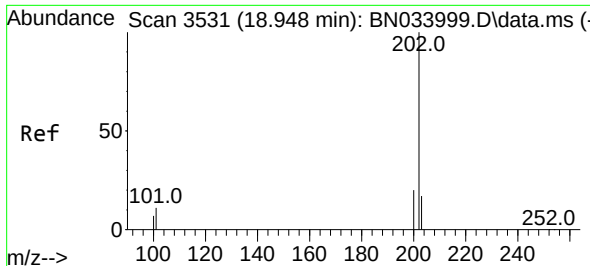
Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.4

176 19.4 15.2 22.8

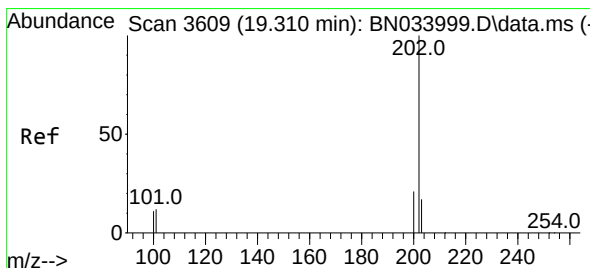
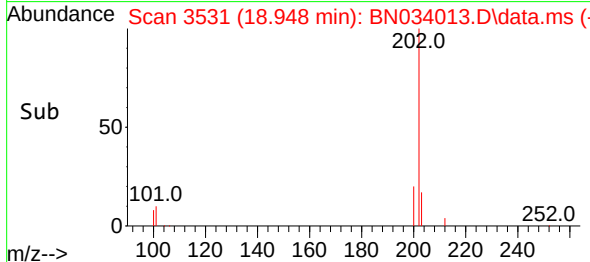
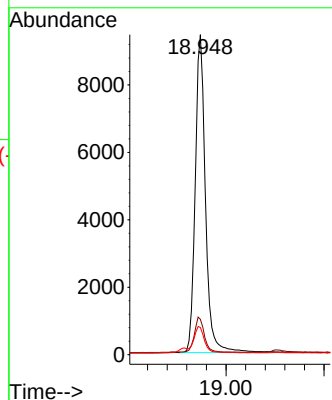
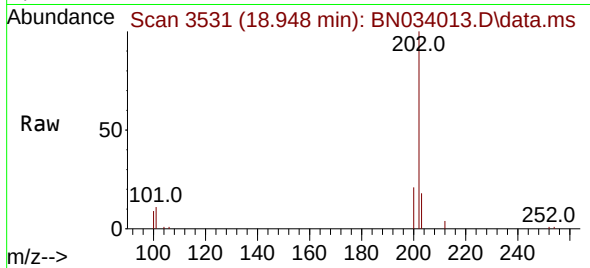




#19
Fluoranthene
Concen: 0.269 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

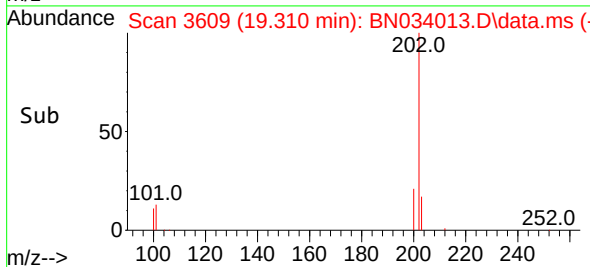
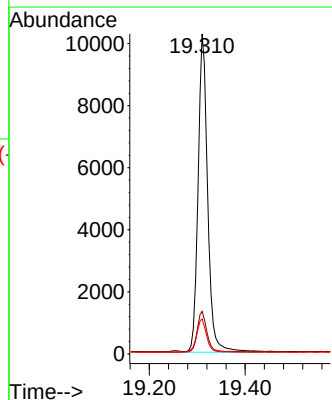
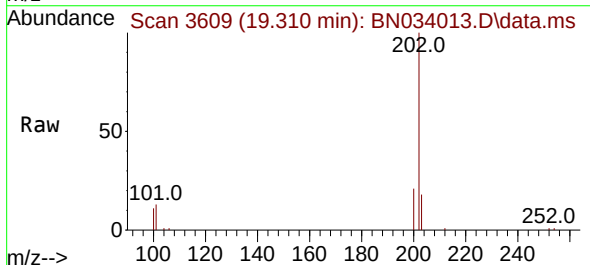
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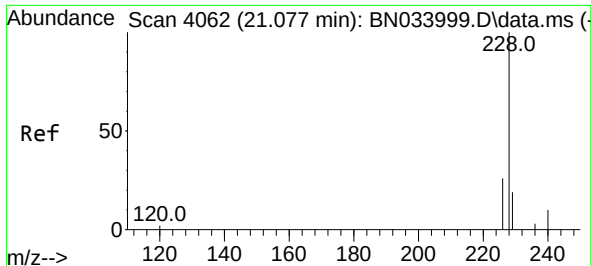
Tgt Ion:202 Resp: 13691
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
100 8.5 6.7 10.1



#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.310 min Scan# 3609
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:202 Resp: 14369
Ion Ratio Lower Upper
202 100
101 13.3 10.8 16.2
100 11.0 8.7 13.1

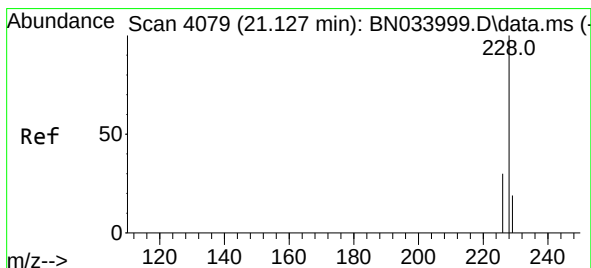
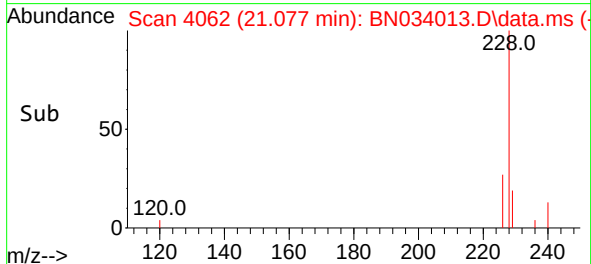
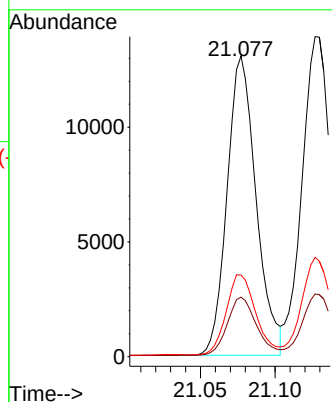
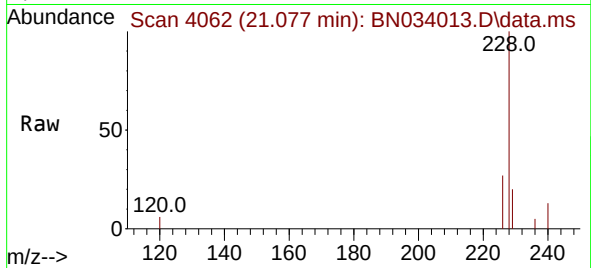




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

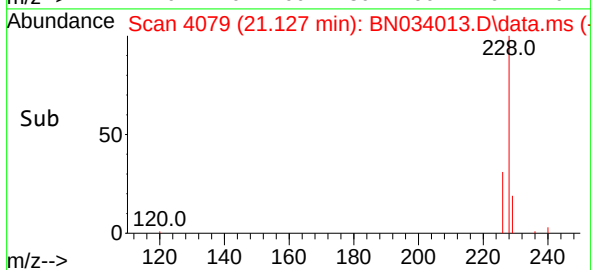
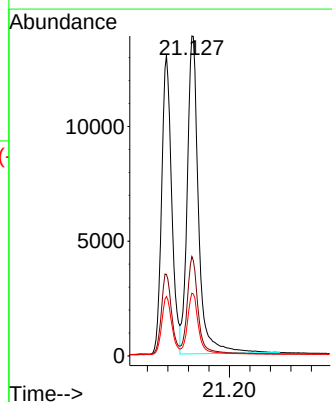
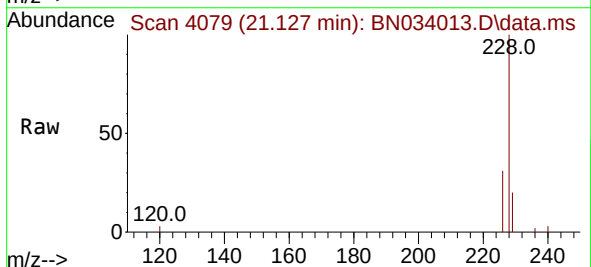
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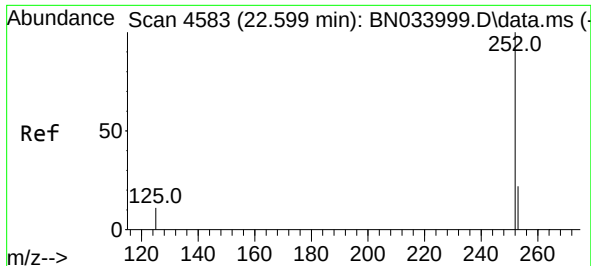
Tgt Ion:228 Resp: 17649
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:228 Resp: 21208
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 19.6 15.6 23.4

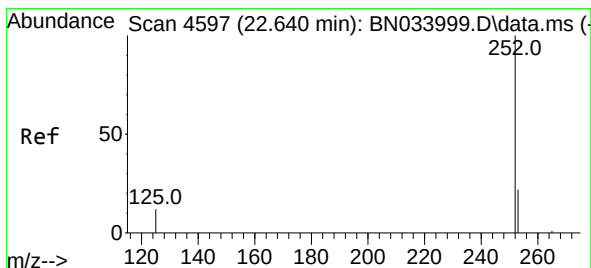
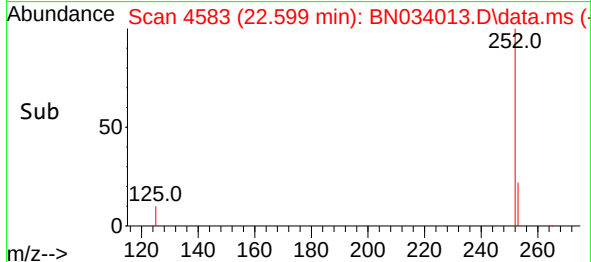
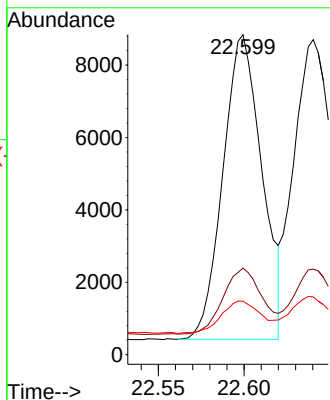
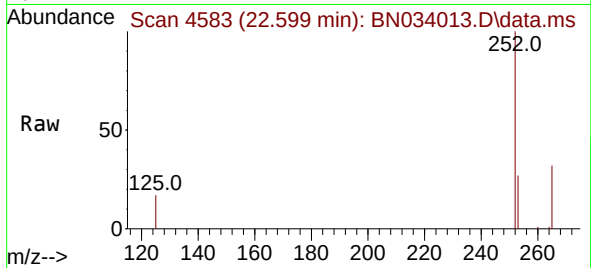




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 22.599 min Scan# 4583
Delta R.T. -0.009 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

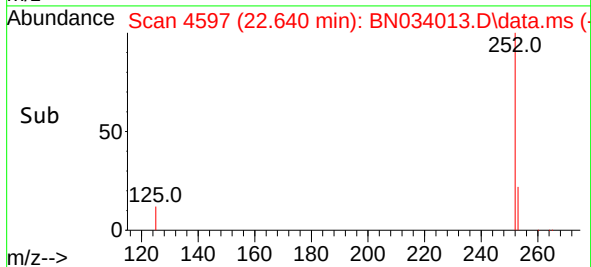
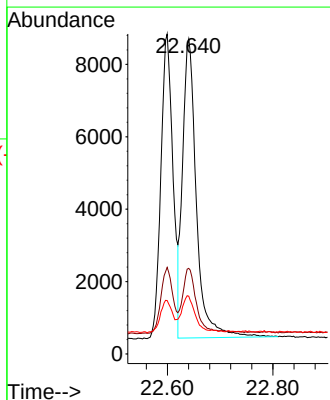
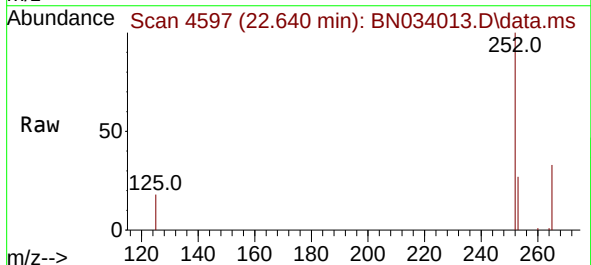
Instrument :
BNA_N
ClientSampleId :
SLCS438

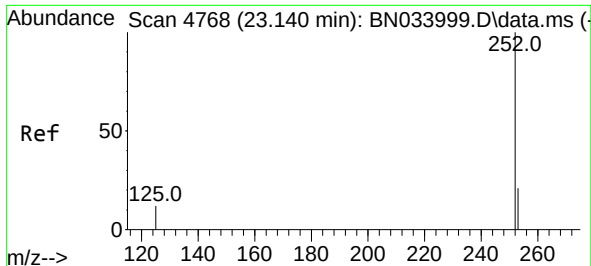
Tgt Ion:252 Resp: 13307
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.8
125 16.7 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.640 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:252 Resp: 15033
Ion Ratio Lower Upper
252 100
253 27.2 21.4 32.0
125 18.3 15.1 22.7

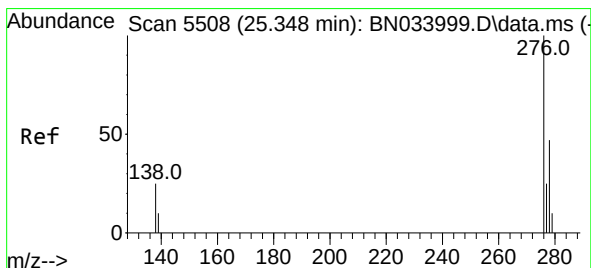
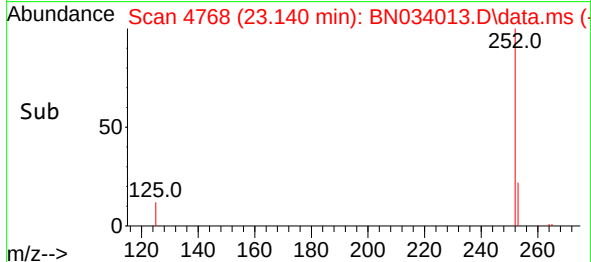
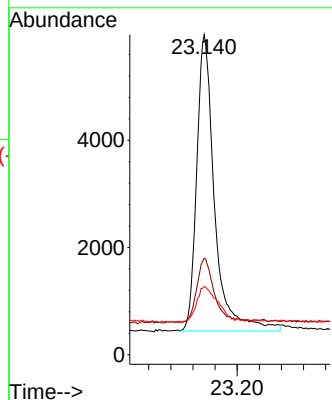
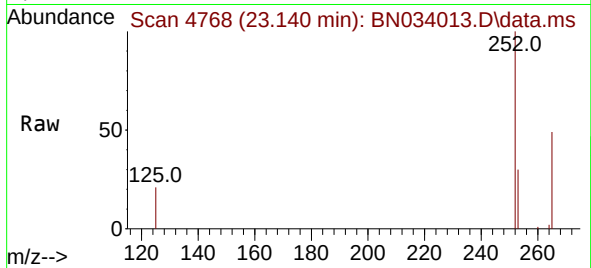




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.140 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

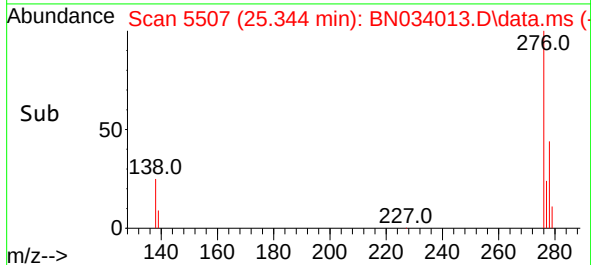
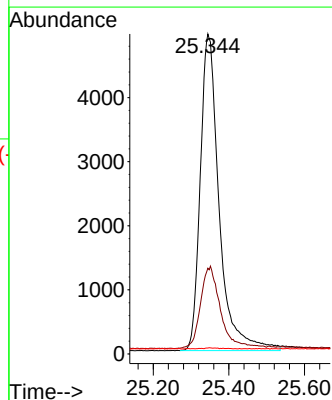
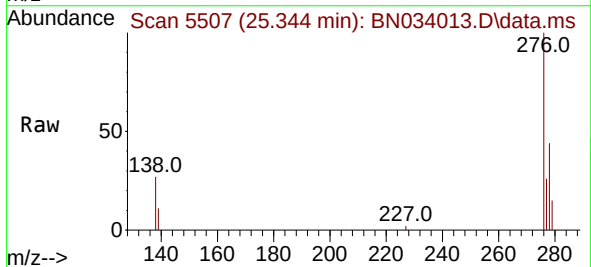
Instrument :
BNA_N
ClientSampleId :
SLCS438

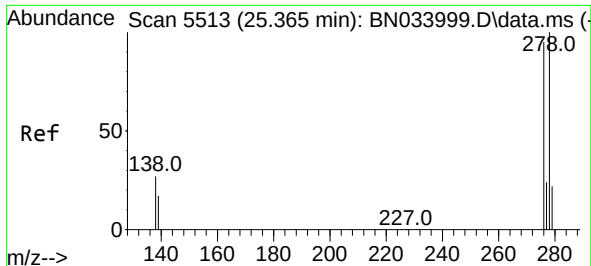
Tgt Ion:252 Resp: 12377
Ion Ratio Lower Upper
252 100
253 30.2 22.8 34.2
125 21.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 25.344 min Scan# 5507
Delta R.T. -0.017 min
Lab File: BN034013.D
Acq: 17 Sep 2024 06:50

Tgt Ion:276 Resp: 17093
Ion Ratio Lower Upper
276 100
138 27.5 22.3 33.5
227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.358 ng/ul

RT: 25.364 min Scan# 51

Delta R.T. -0.014 min

Lab File: BN034013.D

Acq: 17 Sep 2024 06:50

Instrument :

BNA_N

ClientSampleId :

SLCS438

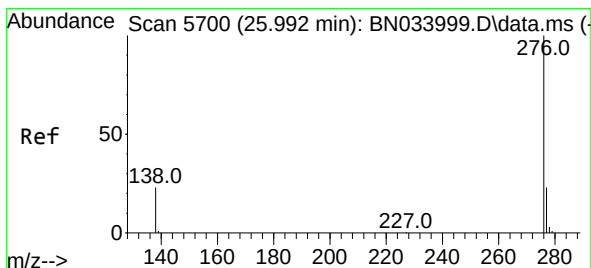
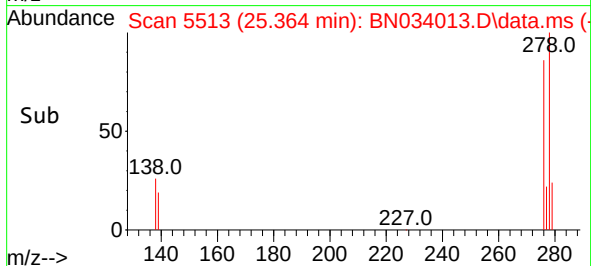
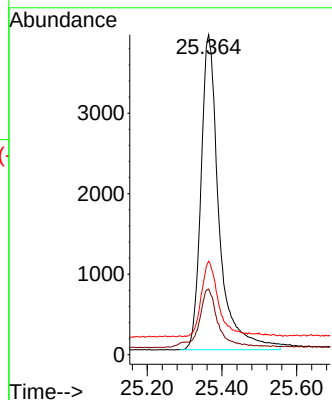
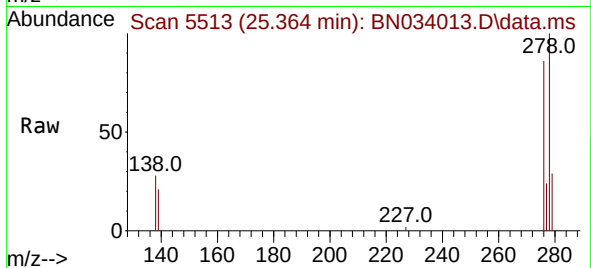
Tgt Ion:278 Resp: 13149

Ion Ratio Lower Upper

278 100

139 20.5 17.3 25.9

279 29.2 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.378 ng/ul

RT: 25.988 min Scan# 5699

Delta R.T. -0.014 min

Lab File: BN034013.D

Acq: 17 Sep 2024 06:50

Tgt Ion:276 Resp: 13967

Ion Ratio Lower Upper

276 100

138 25.4 20.8 31.2

277 25.9 20.2 30.4

