

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN034012.D
 Acq On : 17 Sep 2024 06:14
 Operator : JU/RC
 Sample : PB163436BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS436

Quant Time: Sep 17 07:01:39 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

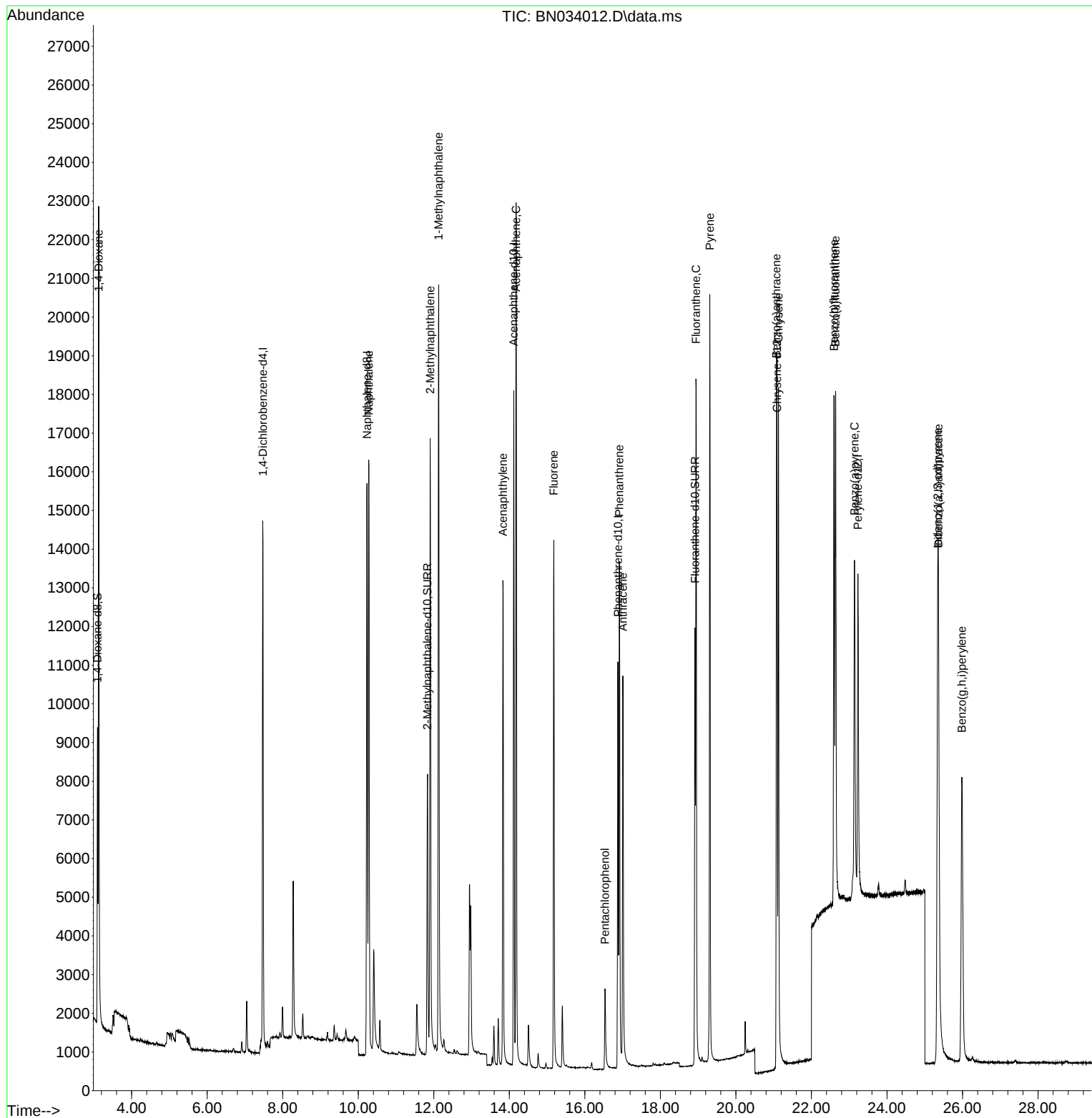
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.473	152	6695	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.233	136	20545	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	9561	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	13375	0.400	ng/ul	0.00
17) Chrysene-d12	21.089	240	10695	0.400	ng/ul	-0.01
23) Perylene-d12	23.231	264	11544	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	4259	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	10574	0.359	ng/ul	-0.01
18) Fluoranthene-d10	18.915	212	13294	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	12378	1.621	ng/ul#	78
5) Naphthalene	10.277	128	21426	0.390	ng/ul	100
7) 2-Methylnaphthalene	11.905	142	12850	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.131	142	15201	0.425	ng/ul	100
10) Acenaphthylene	13.832	152	15508	0.357	ng/ul	100
11) Acenaphthene	14.179	153	13098	0.418	ng/ul	99
12) Fluorene	15.178	166	9379	0.268	ng/ul	100
14) Pentachlorophenol	16.535	266	1917	0.456	ng/ul	99
15) Phenanthrene	16.915	178	14464	0.367	ng/ul	99
16) Anthracene	17.008	178	12392	0.349	ng/ul	99
19) Fluoranthene	18.948	202	16322	0.387	ng/ul	100
20) Pyrene	19.310	202	17024	0.380	ng/ul	100
21) Benzo(a)anthracene	21.074	228	14589	0.346	ng/ul	100
22) Chrysene	21.127	228	16770	0.394	ng/ul	99
24) Benzo(b)fluoranthene	22.597	252	16062	0.358	ng/ul	98
25) Benzo(k)fluoranthene	22.640	252	17500	0.390	ng/ul	98
26) Benzo(a)pyrene	23.140	252	14784	0.411	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.341	276	20032	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.365	278	15456	0.368	ng/ul	97
29) Benzo(g,h,i)perylene	25.985	276	16214	0.384	ng/ul	99

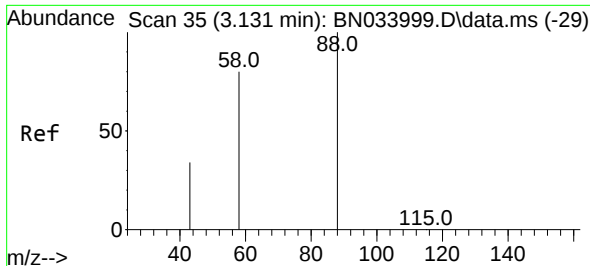
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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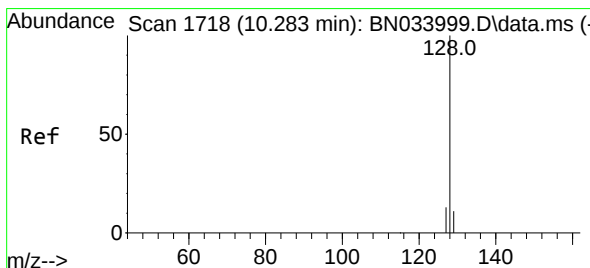
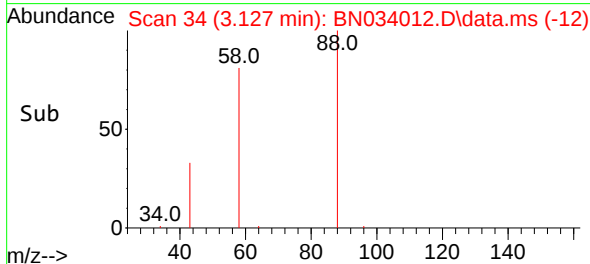
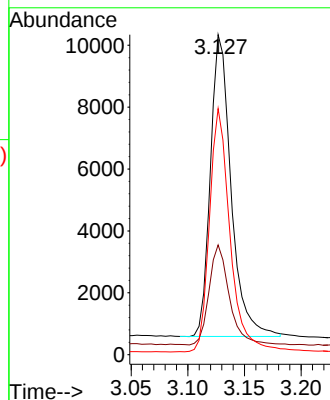
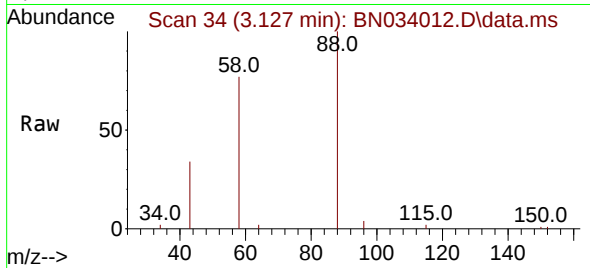




#2
1,4-Dioxane
Concen: 1.621 ng/ul
RT: 3.127 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

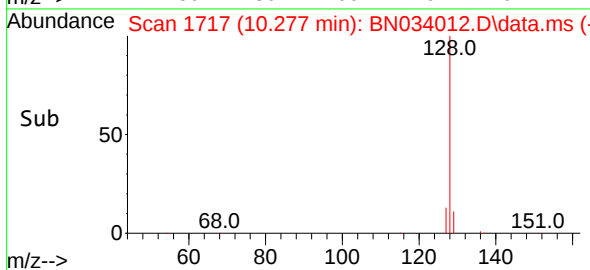
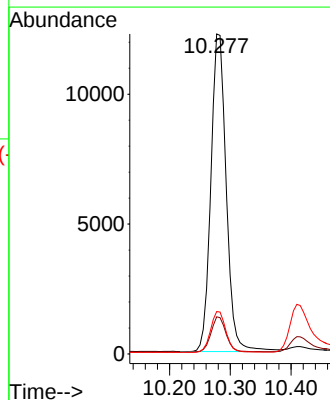
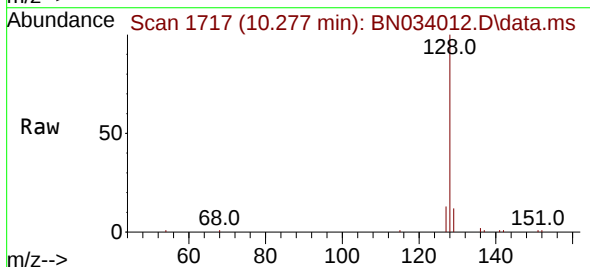
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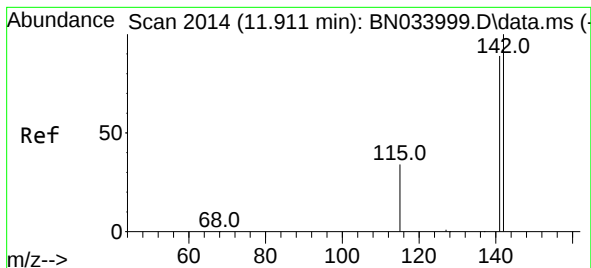
Tgt Ion: 88 Resp: 12378
Ion Ratio Lower Upper
88 100
43 34.3 47.0 70.4#
58 76.9 53.0 79.4



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.016 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:128 Resp: 21426
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.3 10.8 16.2

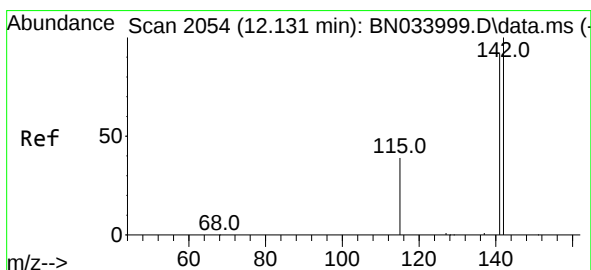
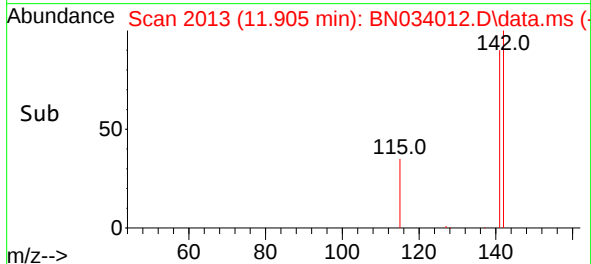
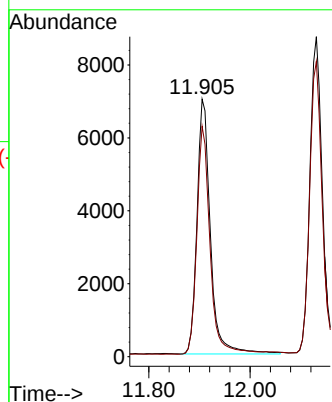
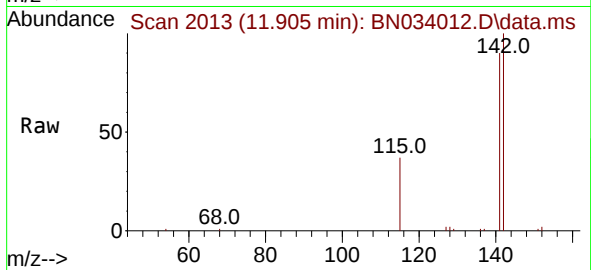




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 11.905 min Scan# 2013
Delta R.T. -0.016 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

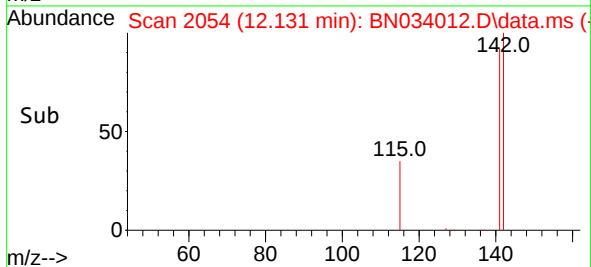
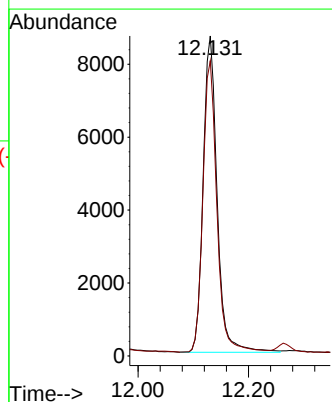
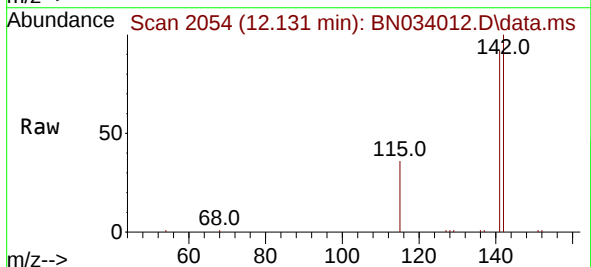
Instrument :
BNA_N
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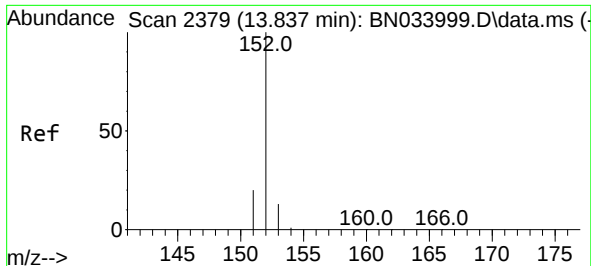
Tgt Ion:142 Resp: 12850
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:142 Resp: 15201
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

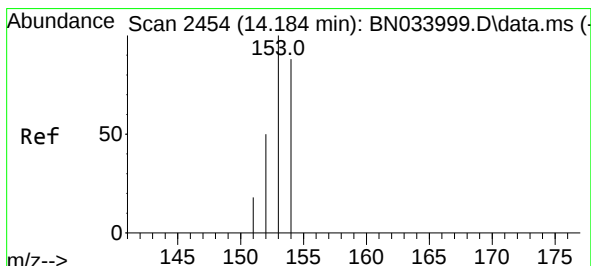
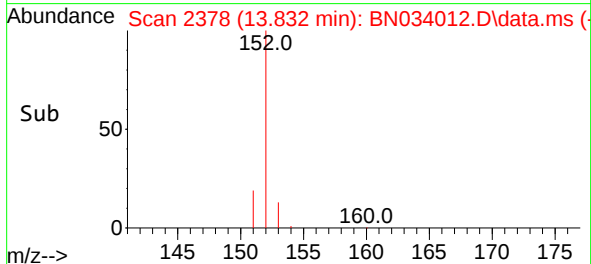
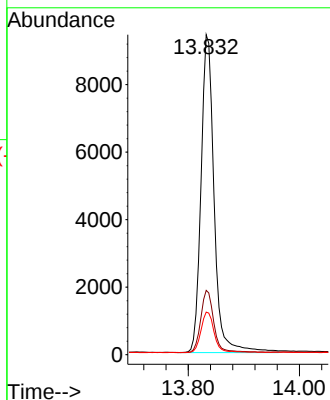
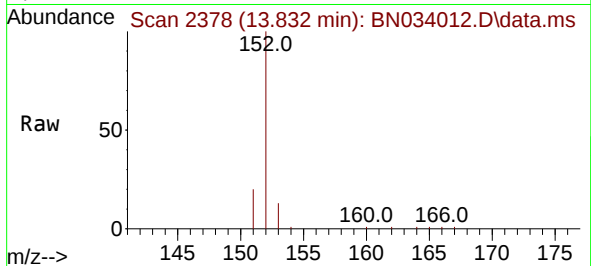




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 13.832 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

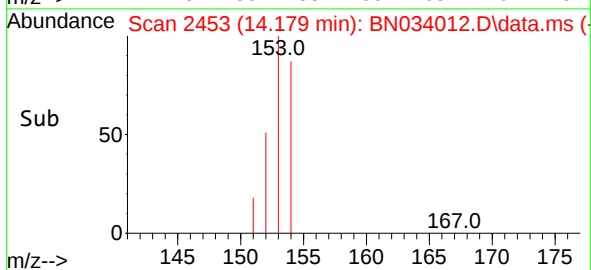
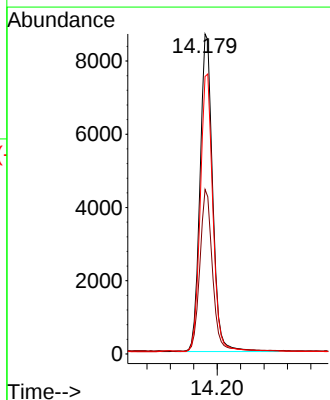
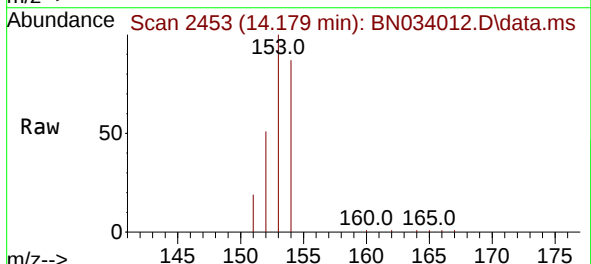
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ClientSampleId :
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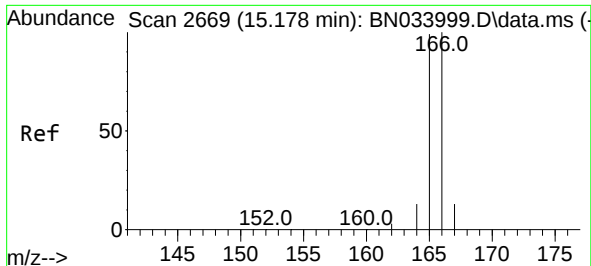
Tgt Ion:	152	Resp:	15508
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.3	10.8	16.2



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. -0.014 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:	153	Resp:	13098
Ion Ratio	Lower	Upper	
153	100		
152	51.4	39.8	59.8
154	86.7	69.0	103.6

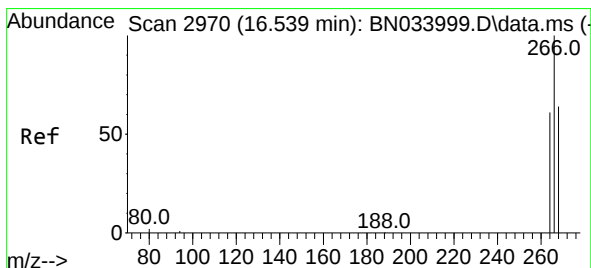
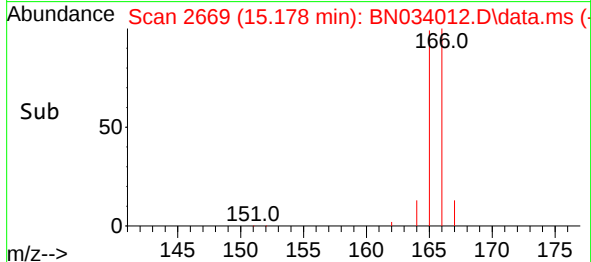
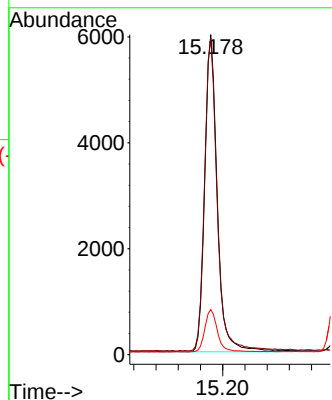
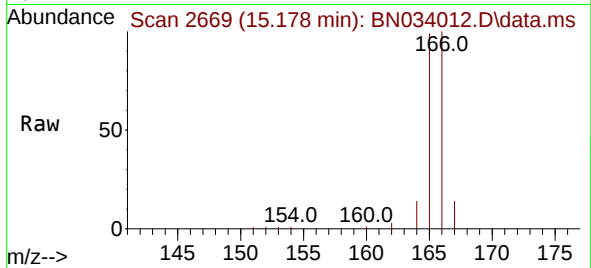




#12
Fluorene
Concen: 0.268 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. -0.009 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

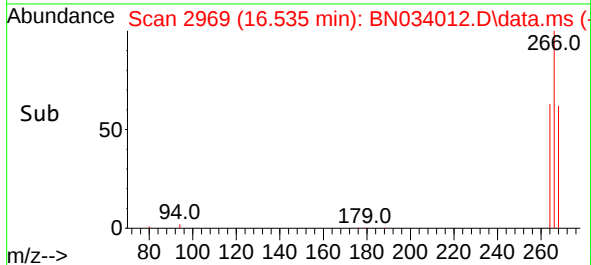
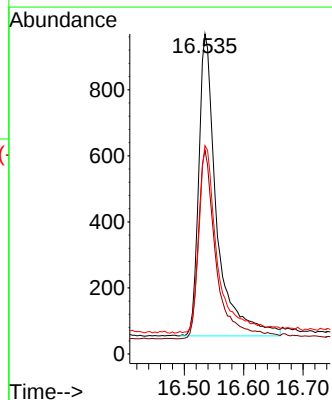
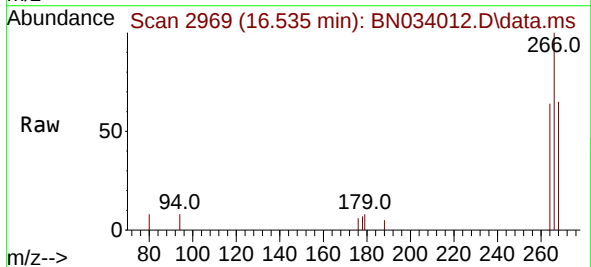
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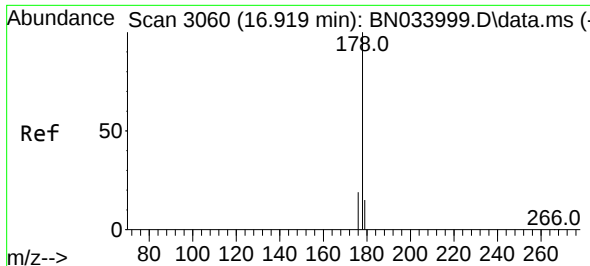
Tgt Ion:166 Resp: 9379
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.456 ng/ul
RT: 16.535 min Scan# 2969
Delta R.T. -0.008 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:266 Resp: 1917
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 64.0 51.7 77.5

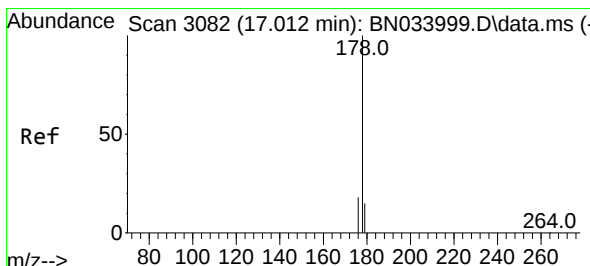
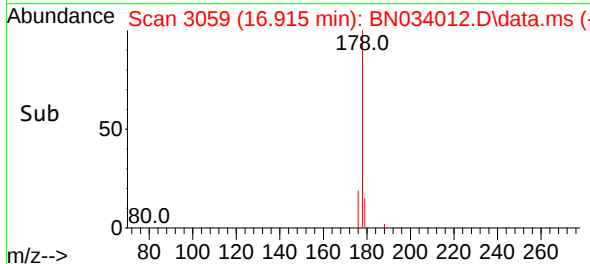
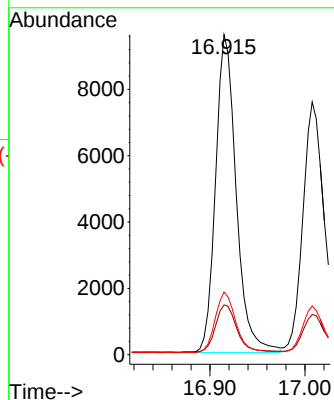
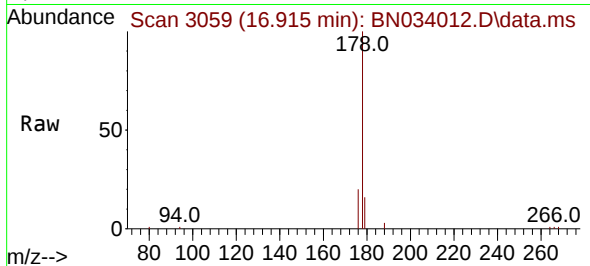




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 16.915 min Scan# 3060
Delta R.T. -0.013 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

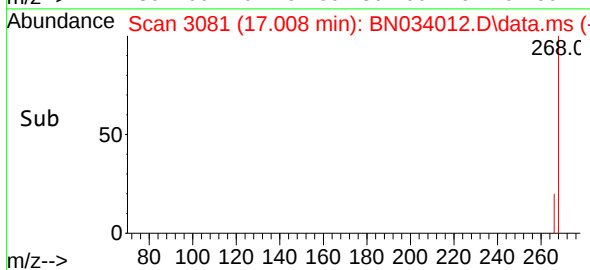
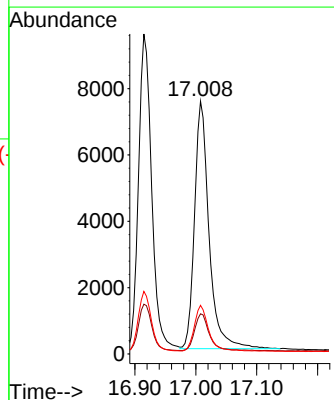
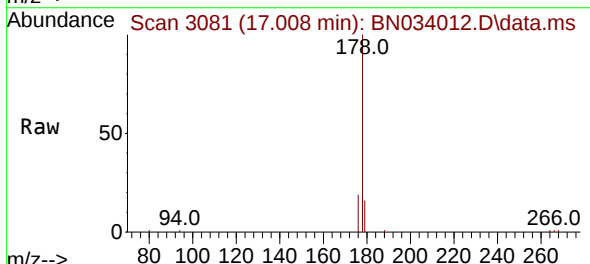
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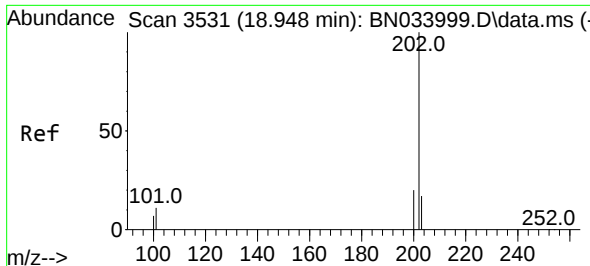
Tgt Ion:178 Resp: 14464
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.008 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:178 Resp: 12392
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.2 15.2 22.8

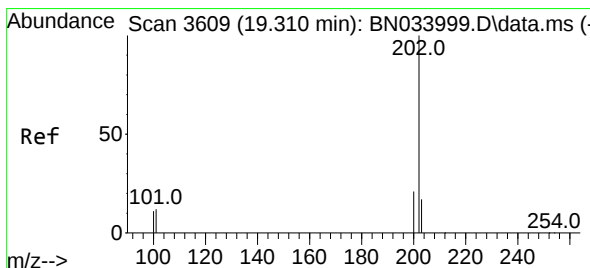
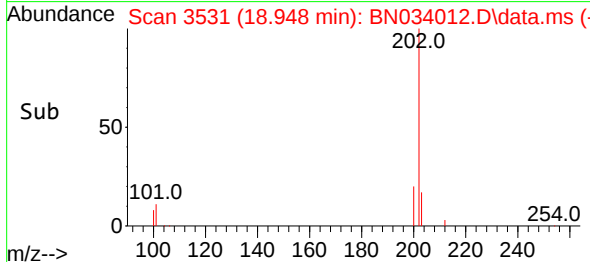
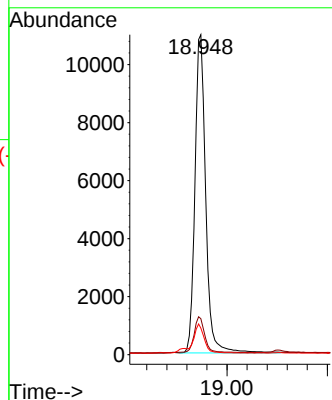
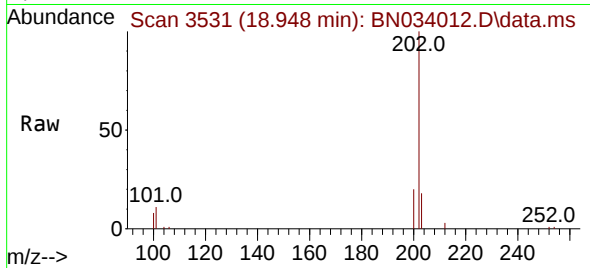




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

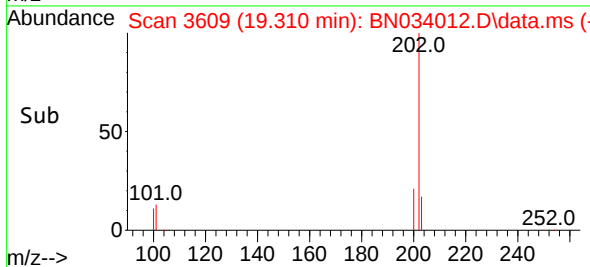
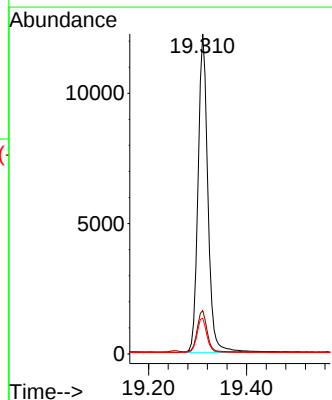
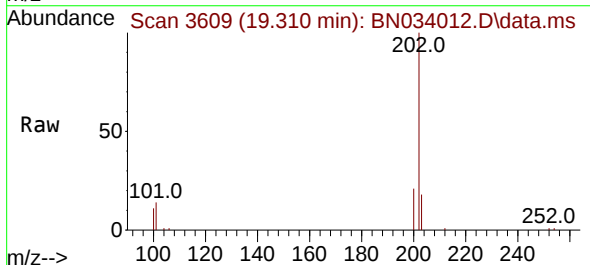
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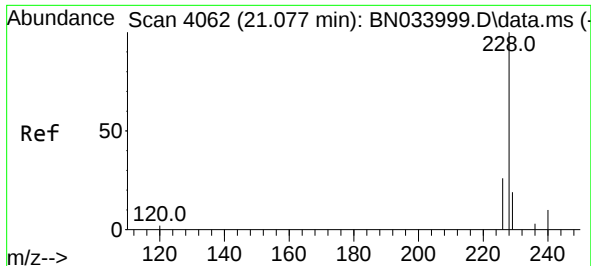
Tgt Ion:202 Resp: 16322
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 8.3 6.7 10.1



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.310 min Scan# 3609
Delta R.T. -0.009 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:202 Resp: 17024
Ion Ratio Lower Upper
202 100
101 13.5 10.8 16.2
100 11.1 8.7 13.1

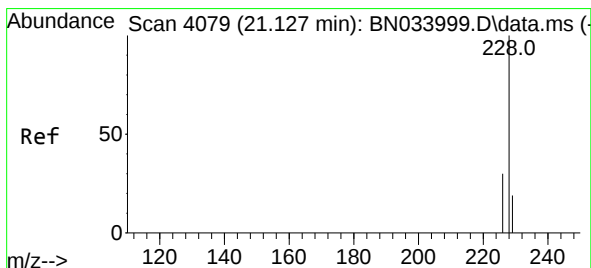
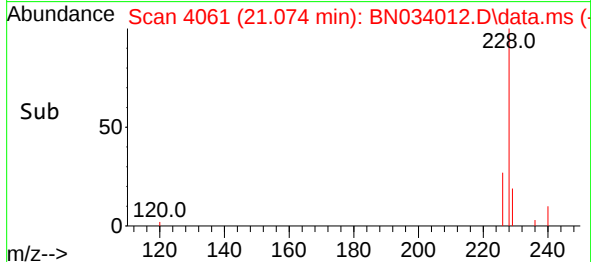
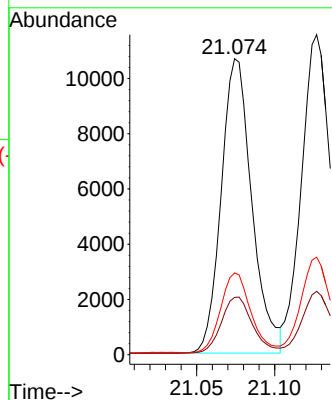
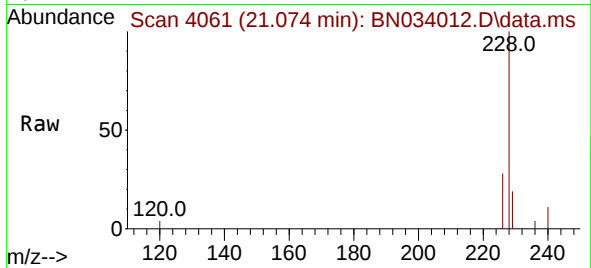




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.074 min Scan# 4061
Delta R.T. -0.012 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

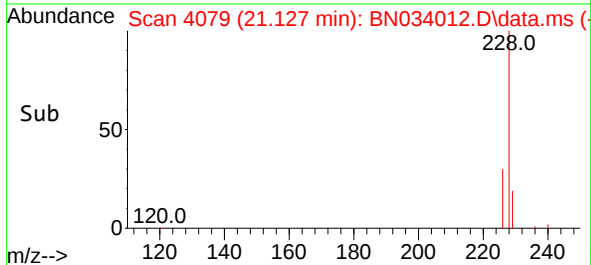
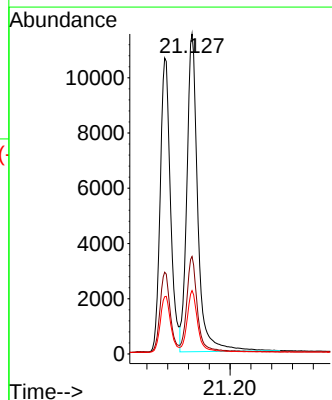
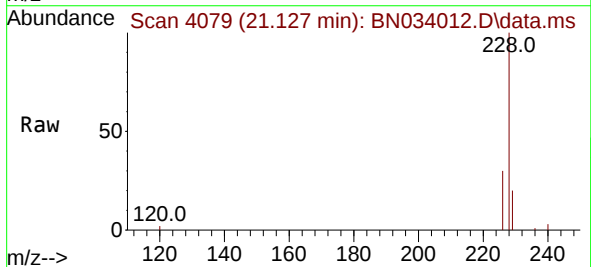
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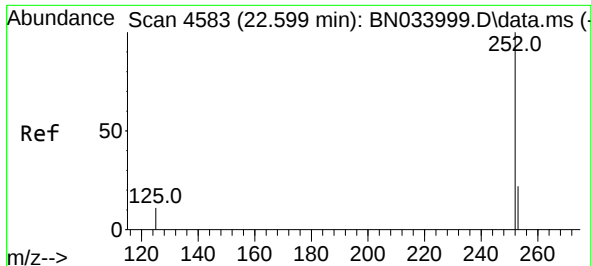
Tgt Ion:228 Resp: 14589
Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

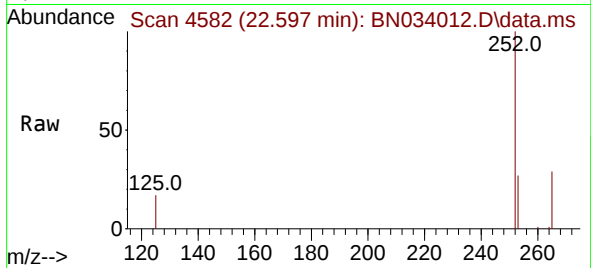
Tgt Ion:228 Resp: 16770
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.6 23.4



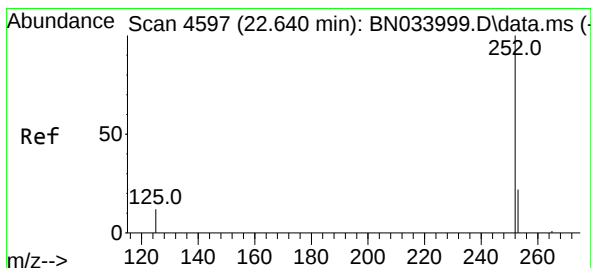
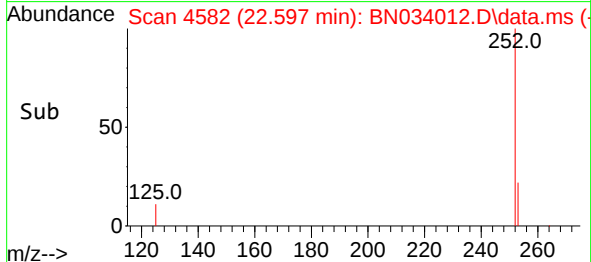
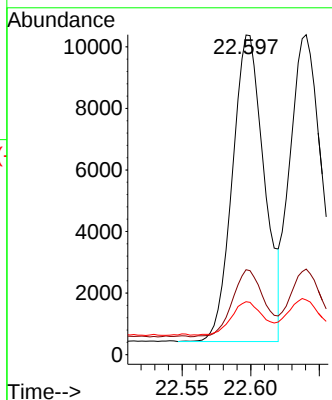


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.597 min Scan# 4582
Delta R.T. -0.012 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Instrument :
BNA_N
ClientSampleId :
SLCS436

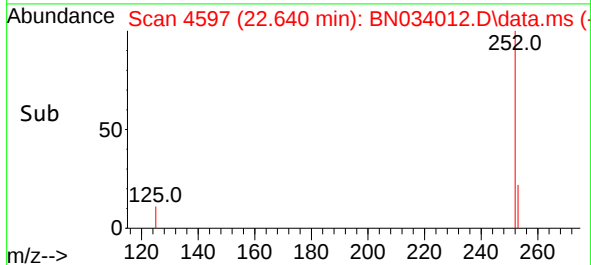
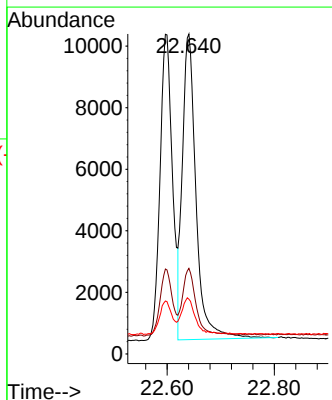
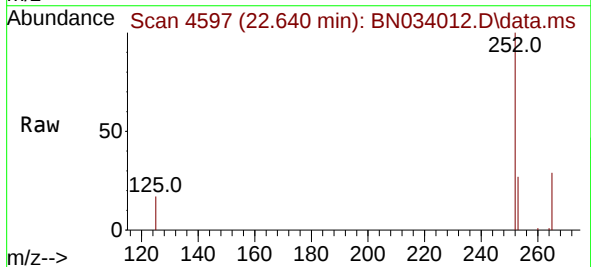


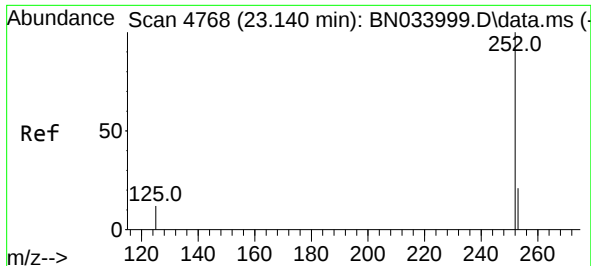
Tgt Ion:252 Resp: 16062
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.8
125 16.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 22.640 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

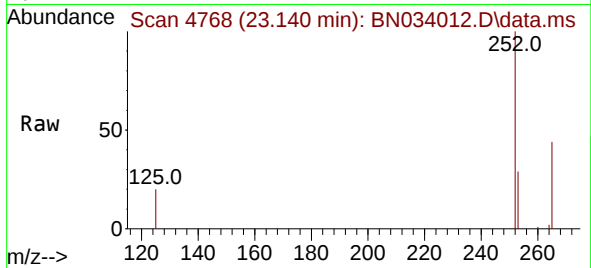
Tgt Ion:252 Resp: 17500
Ion Ratio Lower Upper
252 100
253 26.8 21.4 32.0
125 17.1 15.1 22.7



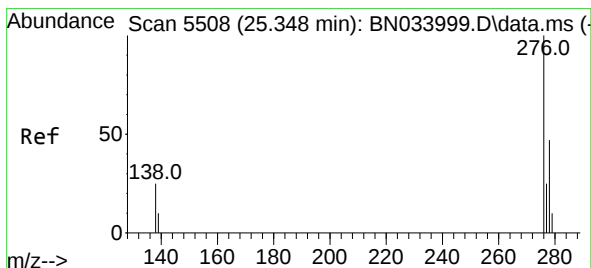
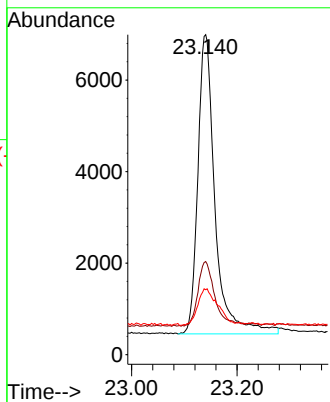
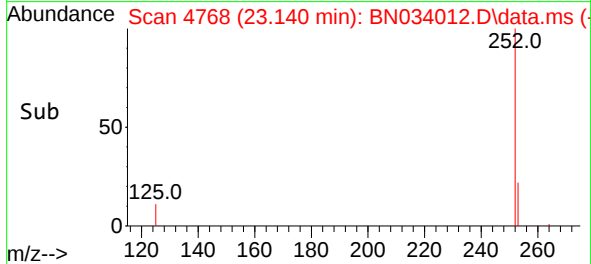


#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.140 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Instrument :
BNA_N
ClientSampleId :
SLCS436

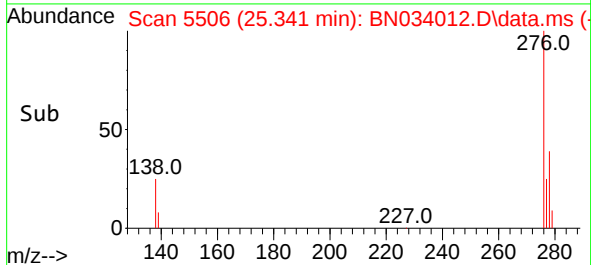
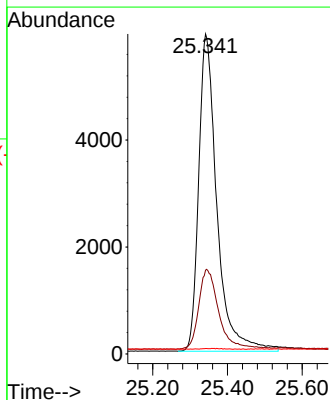
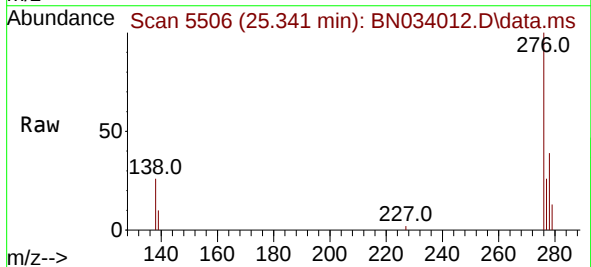


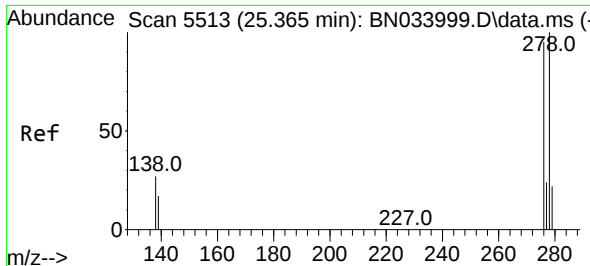
Tgt Ion:252 Resp: 14784
Ion Ratio Lower Upper
252 100
253 29.1 22.8 34.2
125 20.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.341 min Scan# 5506
Delta R.T. -0.020 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

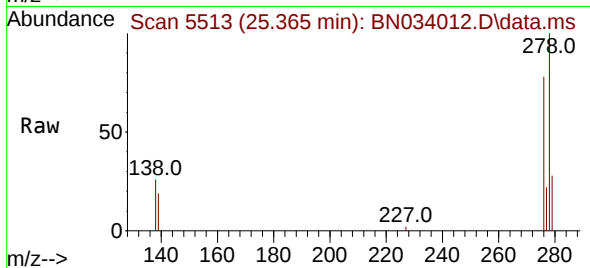
Tgt Ion:276 Resp: 20032
Ion Ratio Lower Upper
276 100
138 27.7 22.3 33.5
227 0.1 0.2 0.4



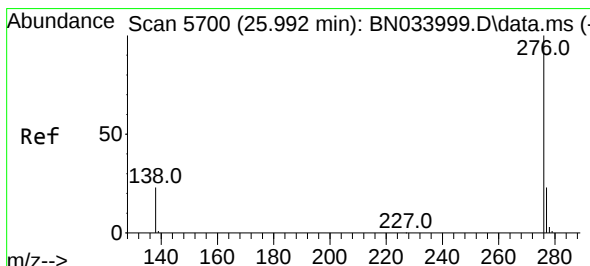
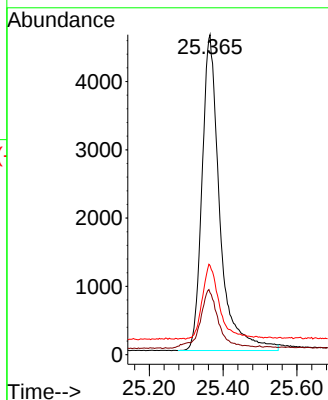
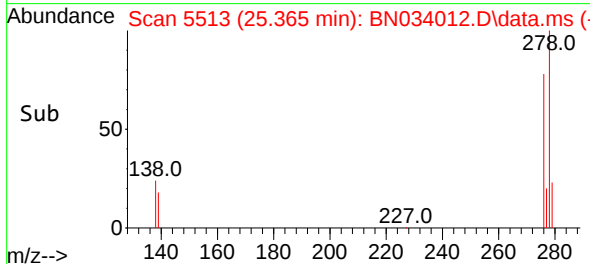


#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.365 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Instrument :
BNA_N
ClientSampleId :
SLCS436



Tgt Ion:278 Resp: 15456
Ion Ratio Lower Upper
278 100
139 19.3 17.3 25.9
279 27.8 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 25.985 min Scan# 5698
Delta R.T. -0.017 min
Lab File: BN034012.D
Acq: 17 Sep 2024 06:14

Tgt Ion:276 Resp: 16214
Ion Ratio Lower Upper
276 100
138 25.0 20.8 31.2
277 25.4 20.2 30.4

