

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036348.D
 Acq On : 06 Feb 2025 22:46
 Operator : RC/JU
 Sample : PB166464BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS464

Quant Time: Feb 07 07:50:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 14:44:03 2025
 Response via : Initial Calibration

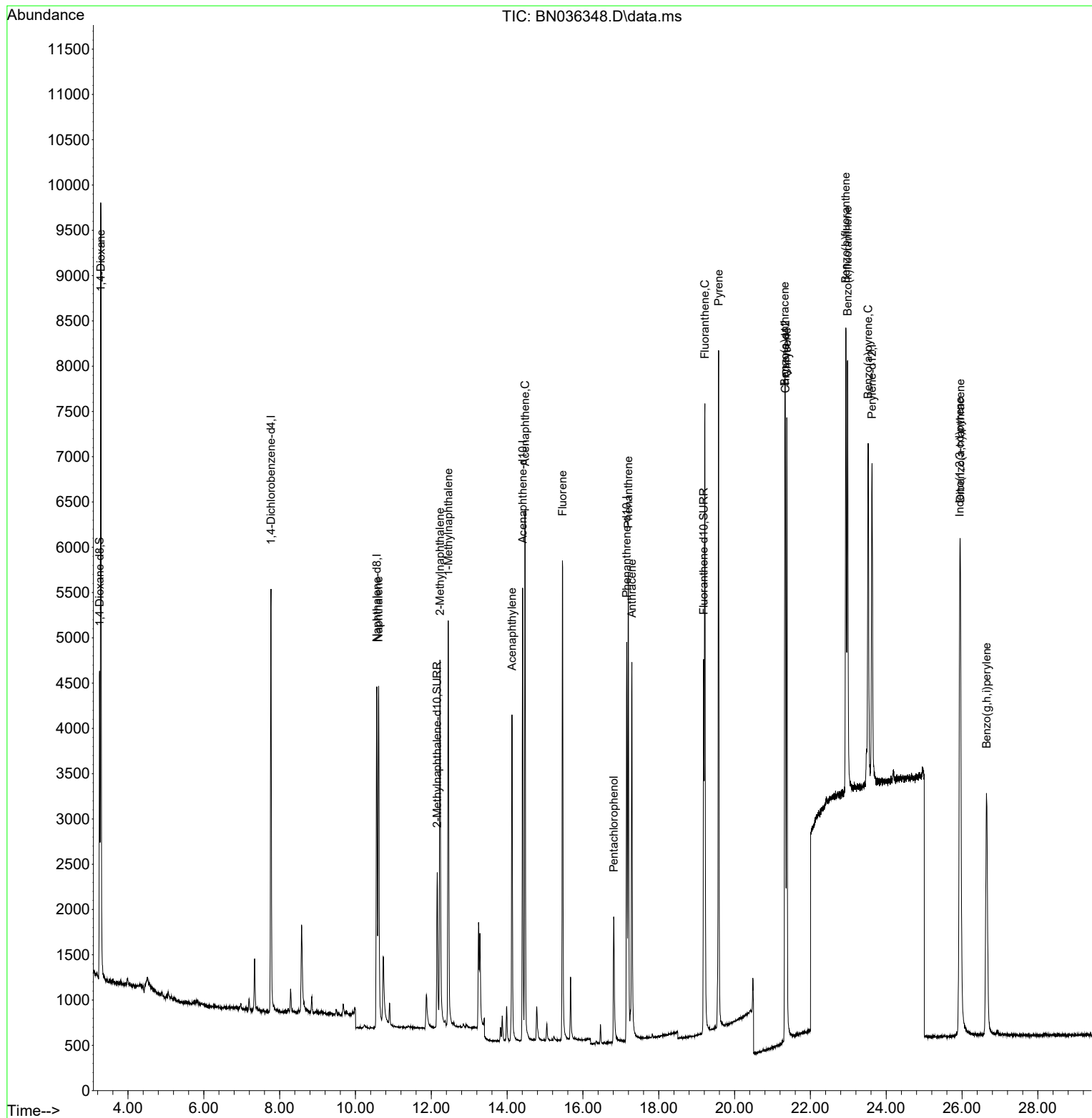
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	2475	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.562	136	5598	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.409	164	2886	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.154	188	5567	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.342	240	4855	0.400	ng/ul	#-0.02
23) Perylene-d12	23.624	264	5170	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	1974	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	2670	0.378	ng/ul	-0.01
18) Fluoranthene-d10	19.184	212	4970	0.373	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.285	88	5307	1.835	ng/ul	88
5) Naphthalene	10.612	128	5648	0.366	ng/ul	99
7) 2-Methylnaphthalene	12.228	142	3360	0.351	ng/ul	99
8) 1-Methylnaphthalene	12.448	142	3408	0.351	ng/ul	100
10) Acenaphthylene	14.127	152	4464	0.328	ng/ul	99
11) Acenaphthene	14.474	153	3555	0.355	ng/ul	98
12) Fluorene	15.459	166	3678	0.333	ng/ul	99
14) Pentachlorophenol	16.812	266	1170	0.600	ng/ul	99
15) Phenanthrene	17.196	178	5785	0.355	ng/ul	100
16) Anthracene	17.289	178	4904	0.324	ng/ul	97
19) Fluoranthene	19.216	202	6462	0.350	ng/ul#	95
20) Pyrene	19.579	202	6703	0.348	ng/ul#	94
21) Benzo(a)anthracene	21.324	228	5885	0.340	ng/ul	99
22) Chrysene	21.380	228	6476	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.934	252	6381	0.370	ng/ul	86
25) Benzo(k)fluoranthene	22.981	252	6649	0.367	ng/ul#	86
26) Benzo(a)pyrene	23.522	252	5883	0.378	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.940	276	7427	0.360	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.954	278	5798	0.365	ng/ul#	92
29) Benzo(g,h,i)perylene	26.644	276	6103	0.381	ng/ul	95

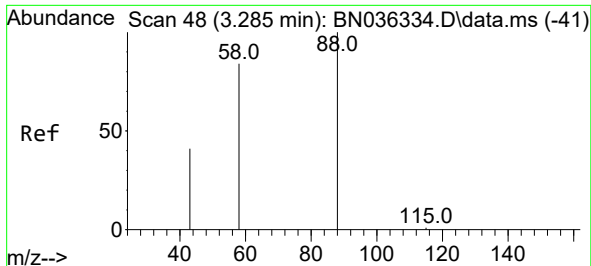
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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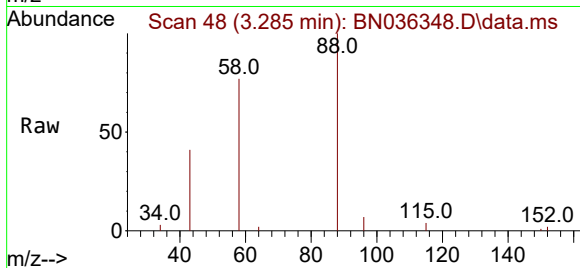
Quant Time: Feb 07 07:50:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration



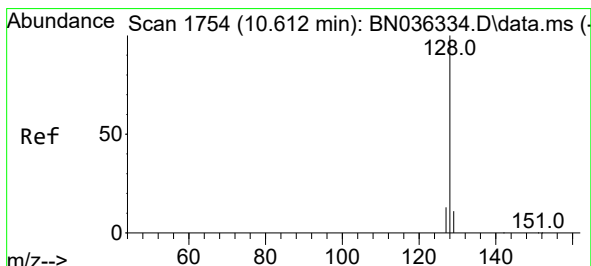
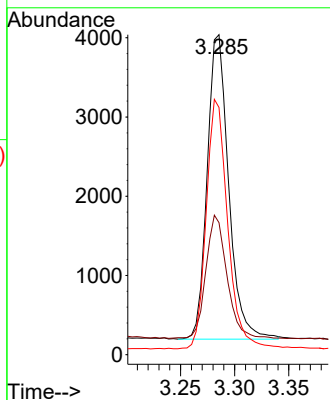
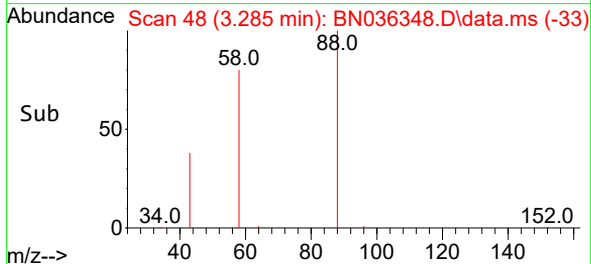


#2
 1,4-Dioxane
 Concen: 1.835 ng/ul
 RT: 3.285 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46

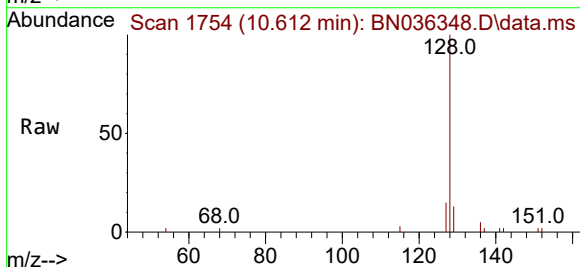
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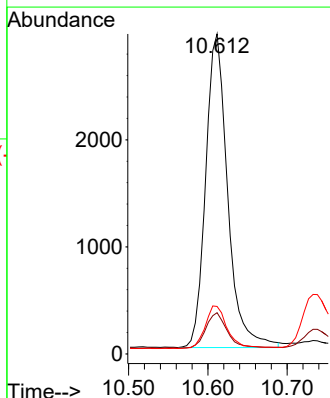
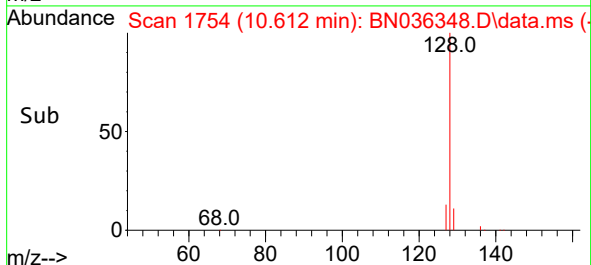
Tgt Ion: 88 Resp: 5307
 Ion Ratio Lower Upper
 88 100
 43 41.3 40.7 61.1
 58 77.2 55.2 82.8

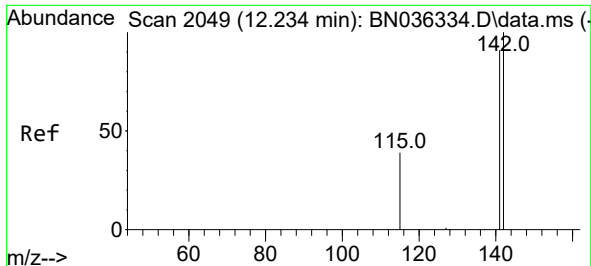


#5
 Naphthalene
 Concen: 0.366 ng/ul
 RT: 10.612 min Scan# 1754
 Delta R.T. -0.016 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46



Tgt Ion: 128 Resp: 5648
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.6 14.4
 127 14.9 12.0 18.0

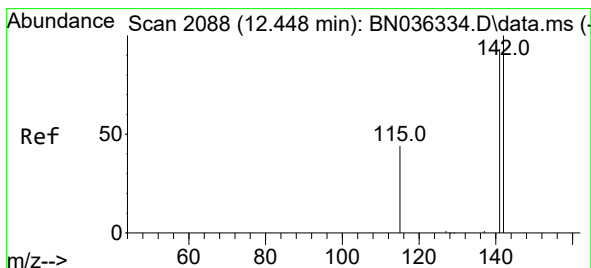
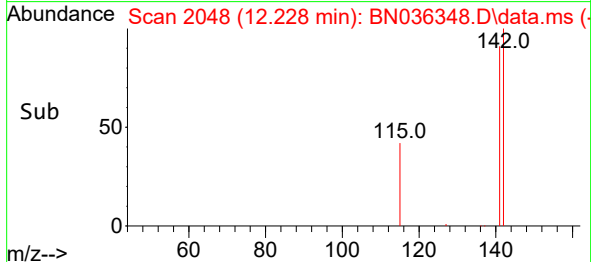
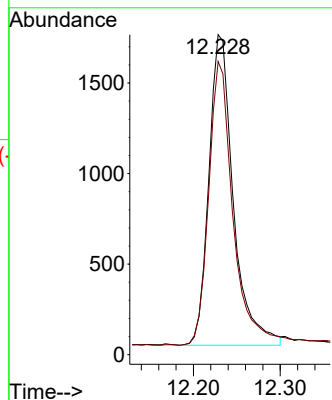
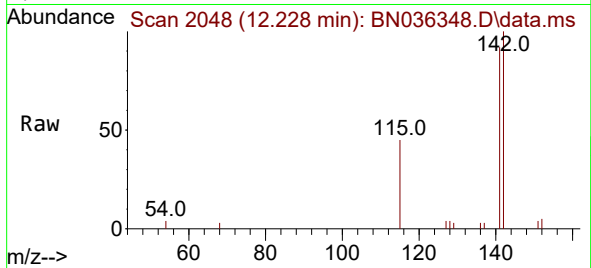




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. -0.016 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

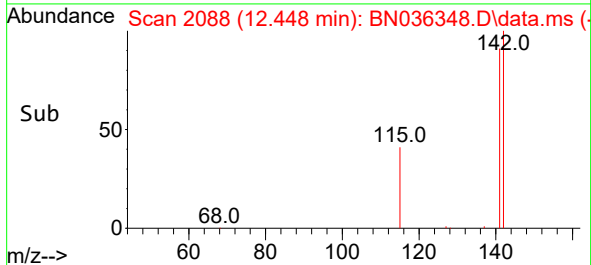
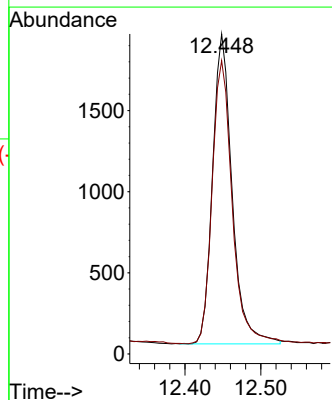
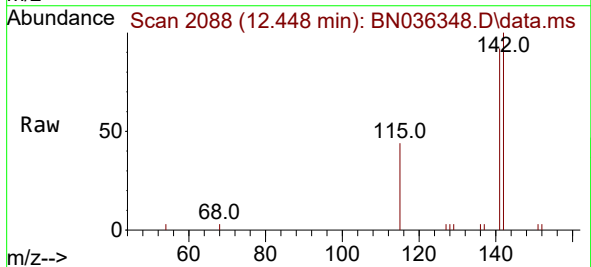
Instrument :
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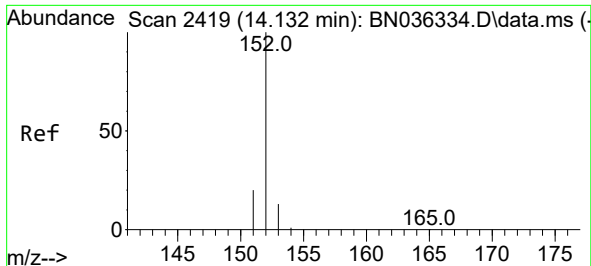
Tgt Ion:142 Resp: 3360
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.448 min Scan# 2088
Delta R.T. -0.016 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:142 Resp: 3408
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8

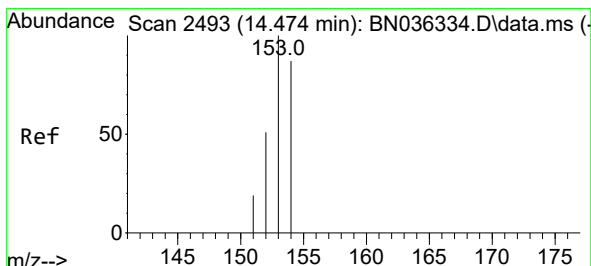
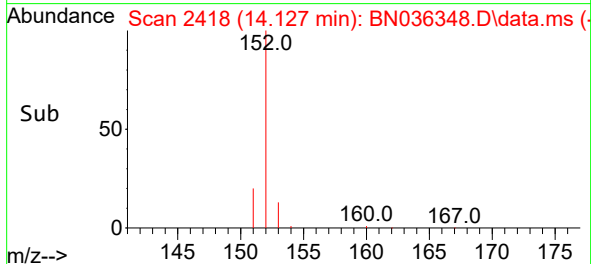
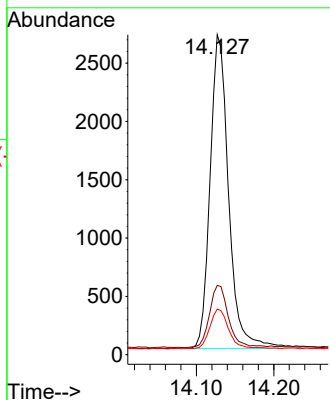
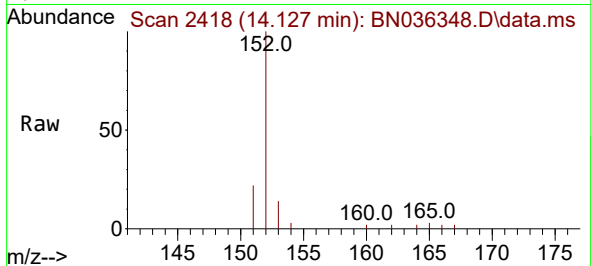




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.127 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

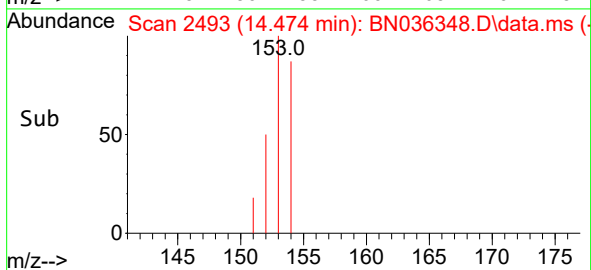
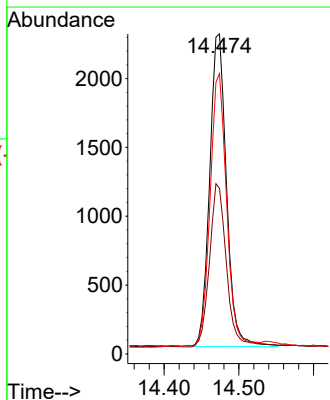
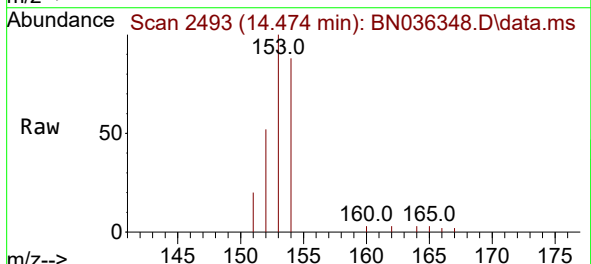
Instrument :
BNA_N
ClientSampleId :
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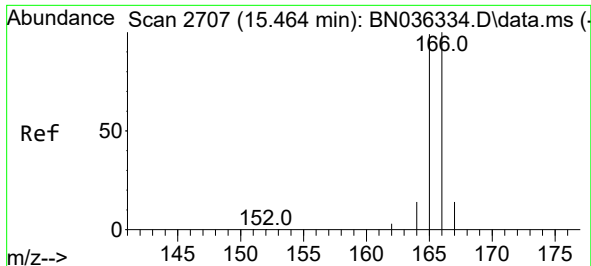
Tgt Ion:	152	Resp:	4464
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.4	26.2
153	14.2	11.9	17.9



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.474 min Scan# 2493
Delta R.T. -0.018 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:	153	Resp:	3555
Ion Ratio	Lower	Upper	
153	100		
152	51.8	43.2	64.8
154	87.6	70.5	105.7

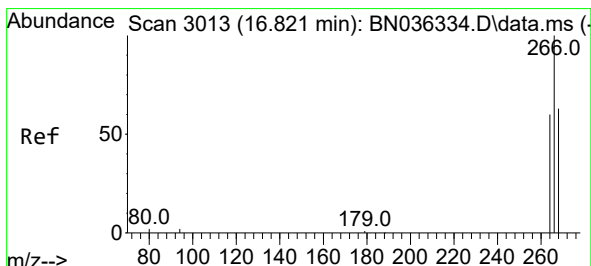
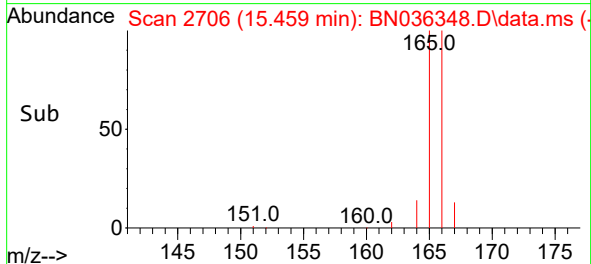
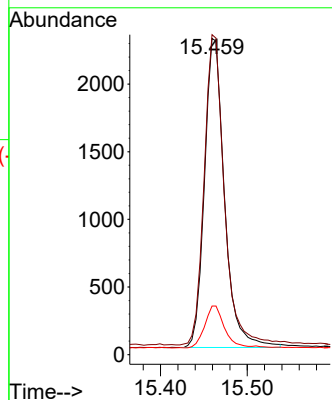
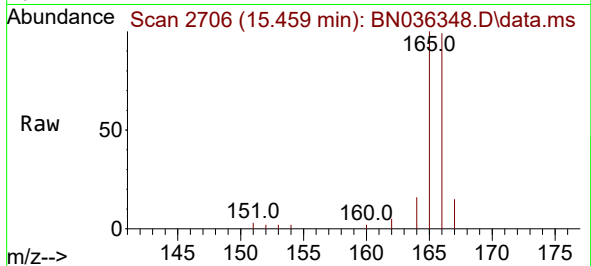




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.459 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

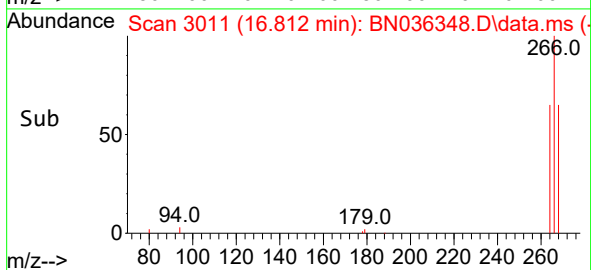
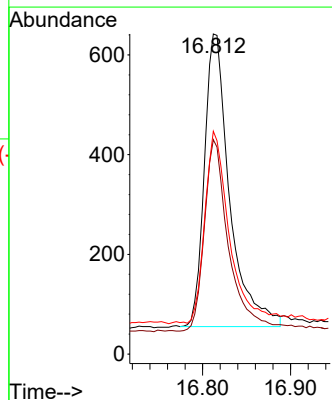
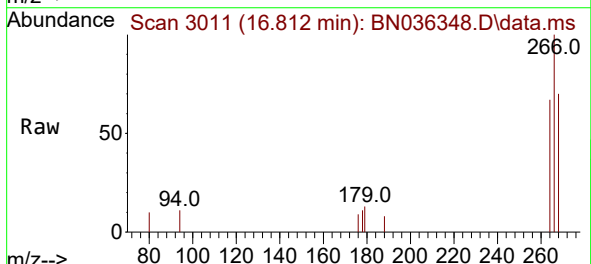
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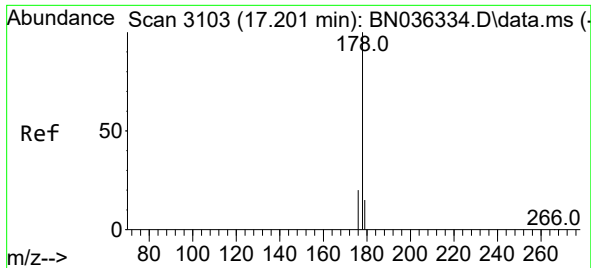
Tgt Ion:166 Resp: 3678
Ion Ratio Lower Upper
166 100
165 101.2 80.3 120.5
167 15.4 12.3 18.5



#14
Pentachlorophenol
Concen: 0.600 ng/ul
RT: 16.812 min Scan# 3011
Delta R.T. -0.016 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:266 Resp: 1170
Ion Ratio Lower Upper
266 100
264 63.5 50.6 75.8
268 63.8 50.6 75.8

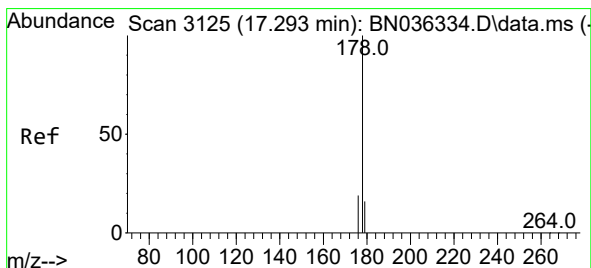
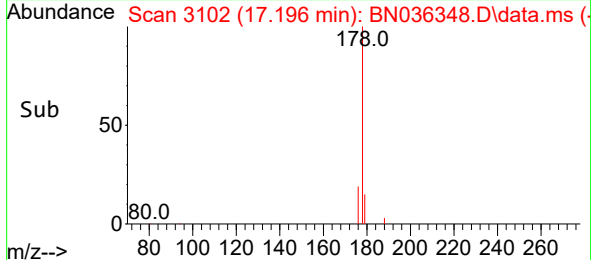
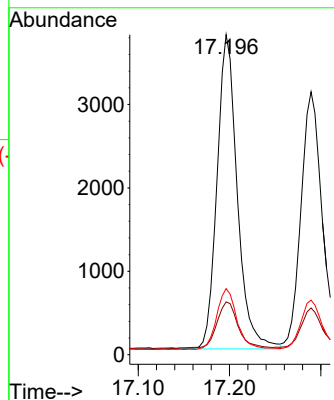
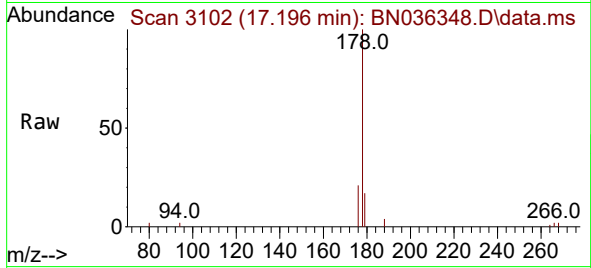




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.196 min Scan# 3102
Delta R.T. -0.016 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

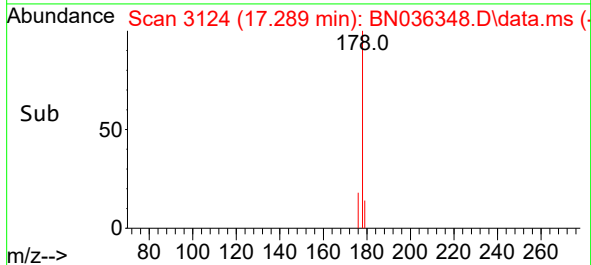
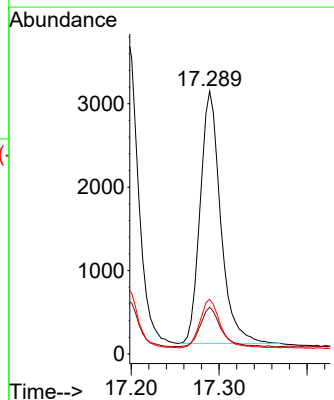
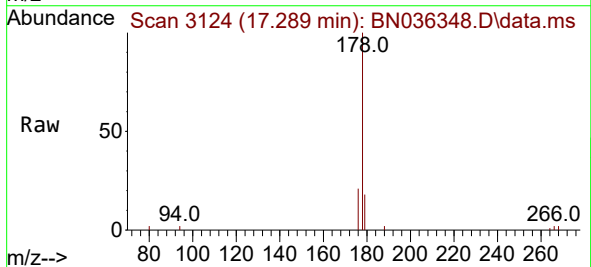
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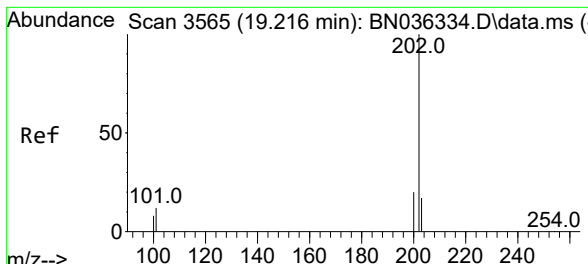
Tgt Ion:178 Resp: 5785
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 20.7 16.8 25.2



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.289 min Scan# 3124
Delta R.T. -0.016 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:178 Resp: 4904
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 20.7 15.9 23.9

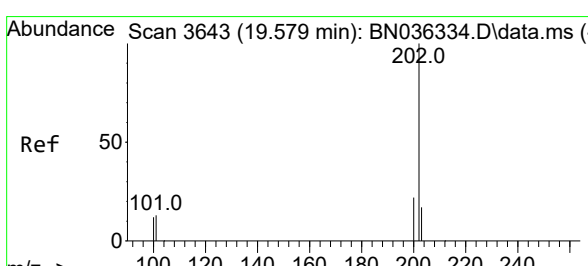
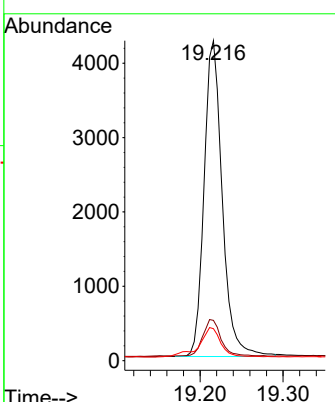
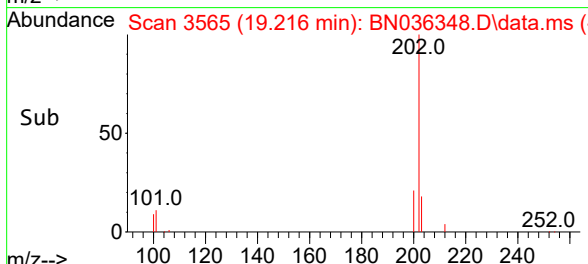
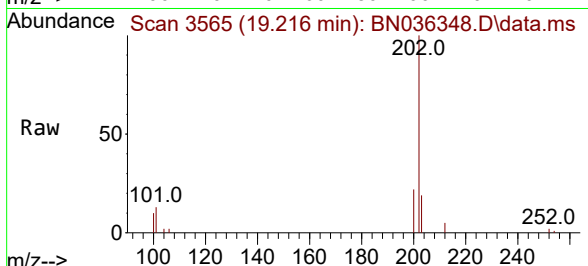




#19
 Fluoranthene
 Concen: 0.350 ng/ul
 RT: 19.216 min Scan# 3565
 Delta R.T. -0.018 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46

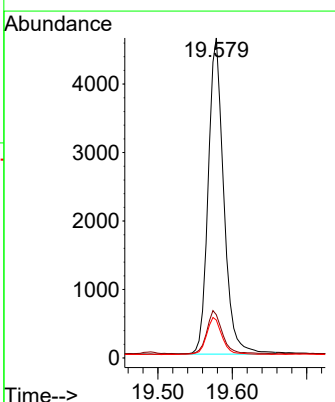
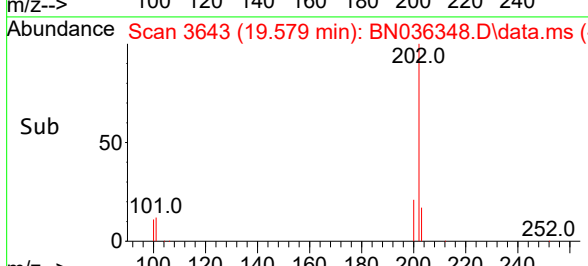
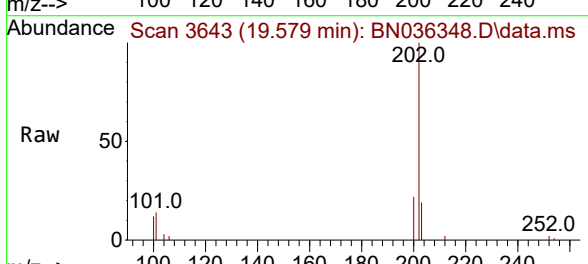
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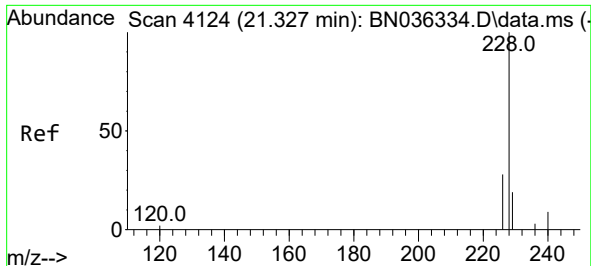
Tgt Ion:	202	Resp:	6462
Ion Ratio	Lower	Upper	
202	100		
101	12.6	8.4	12.6
100	10.0	6.5	9.7#



#20
 Pyrene
 Concen: 0.348 ng/ul
 RT: 19.579 min Scan# 3643
 Delta R.T. -0.018 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46

Tgt Ion:	202	Resp:	6703
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.3	13.9
100	11.8	7.5	11.3#

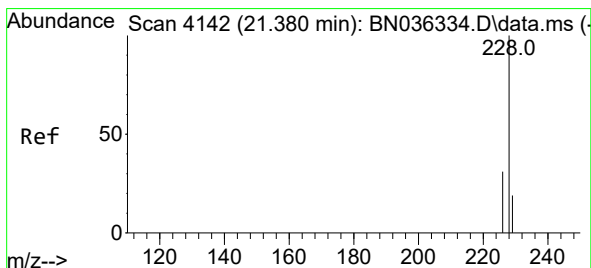
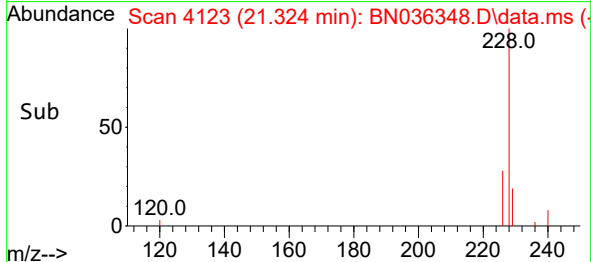
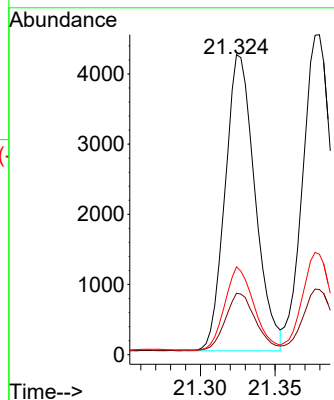
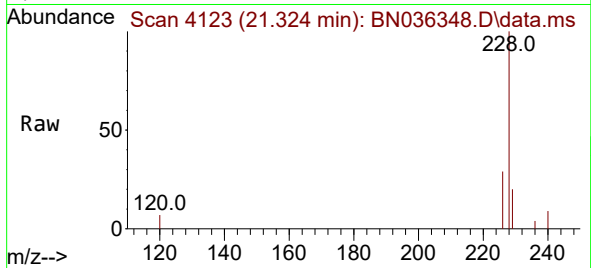




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.324 min Scan# 4123
Delta R.T. -0.021 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

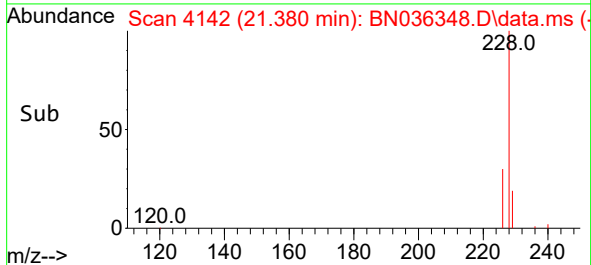
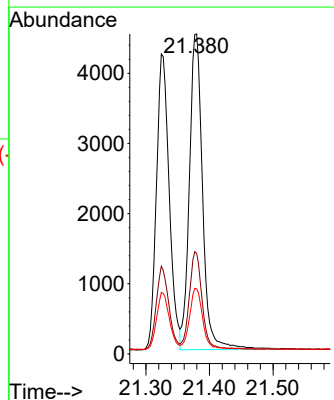
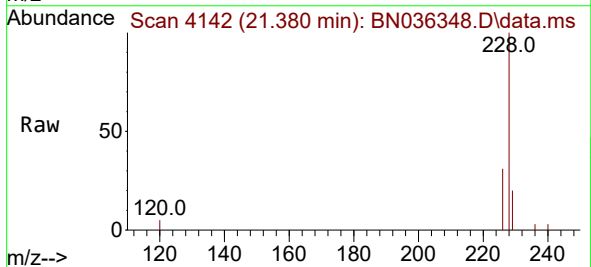
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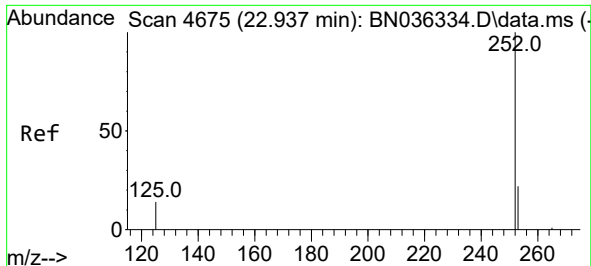
Tgt Ion:228 Resp: 5885
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 29.3 22.8 34.2



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.380 min Scan# 4142
Delta R.T. -0.018 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:228 Resp: 6476
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 20.4 15.9 23.9

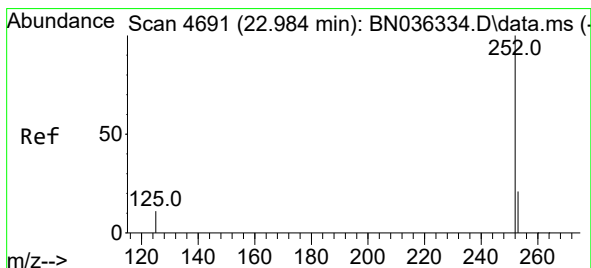
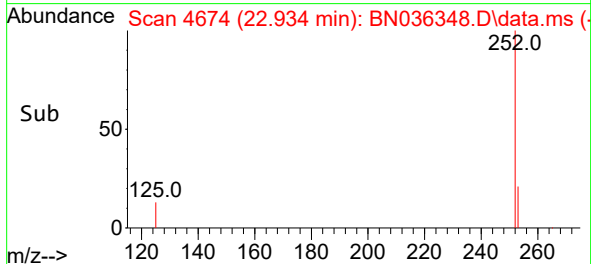
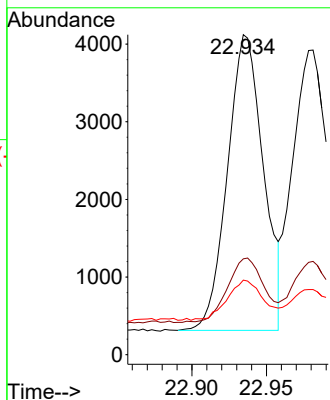
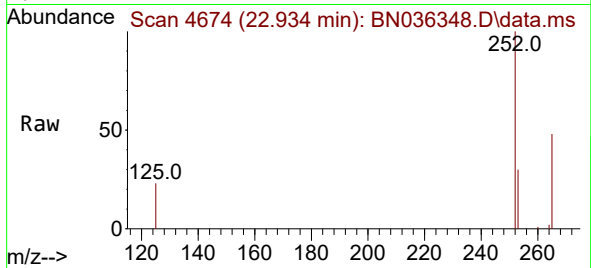




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.934 min Scan# 4674
Delta R.T. -0.027 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

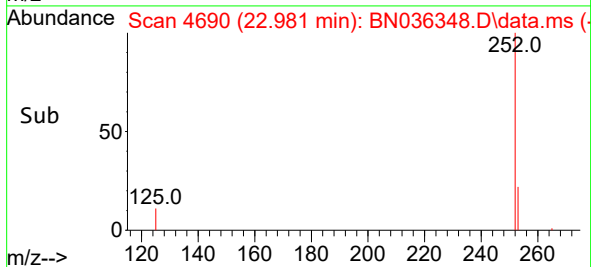
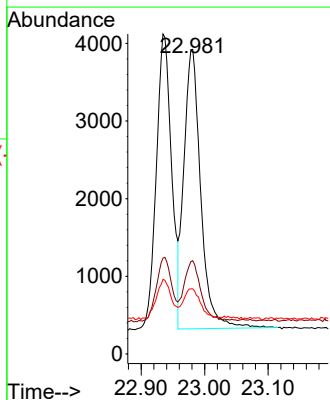
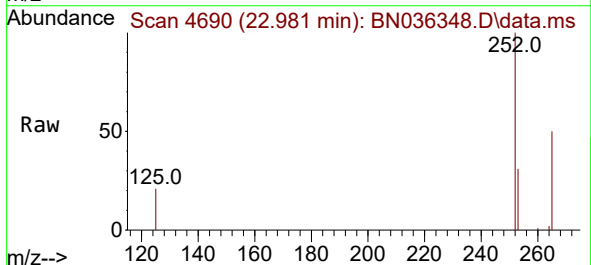
Instrument :
BNA_N
ClientSampleId :
SLCS464

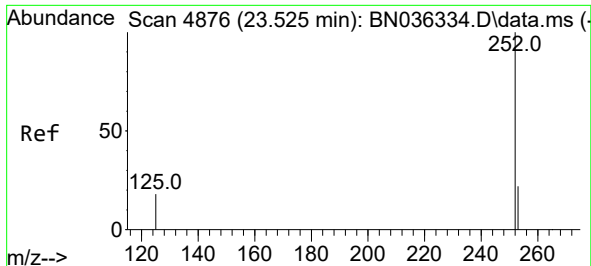
Tgt Ion:252 Resp: 6381
Ion Ratio Lower Upper
252 100
253 30.0 0.0 51.2
125 23.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 22.981 min Scan# 4690
Delta R.T. -0.027 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:252 Resp: 6649
Ion Ratio Lower Upper
252 100
253 30.6 20.2 30.4#
125 21.4 10.6 16.0#

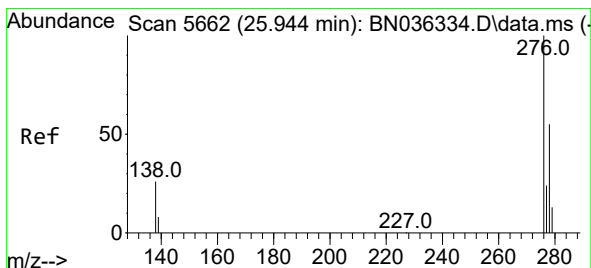
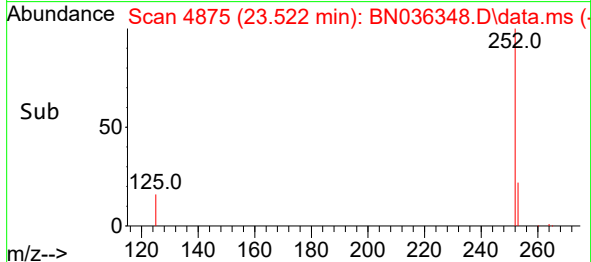
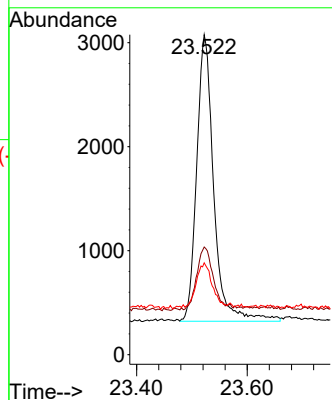
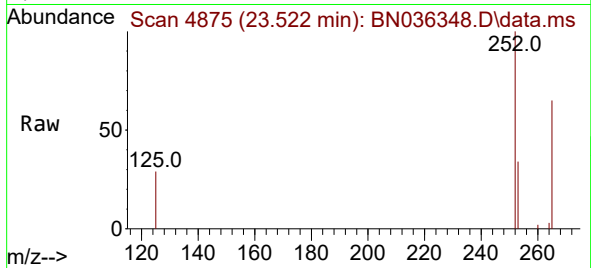




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.522 min Scan# 4876
Delta R.T. -0.033 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

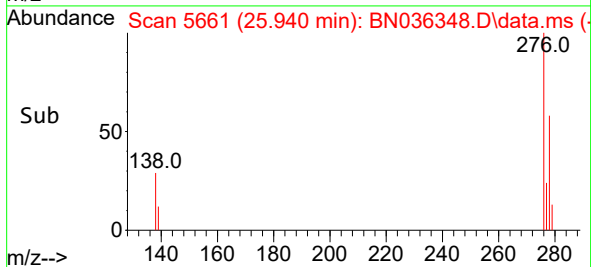
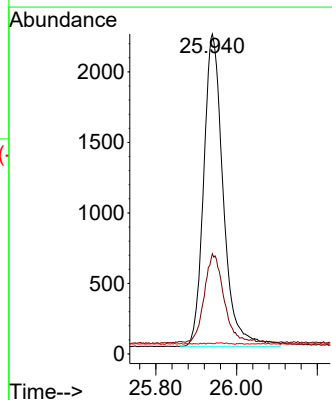
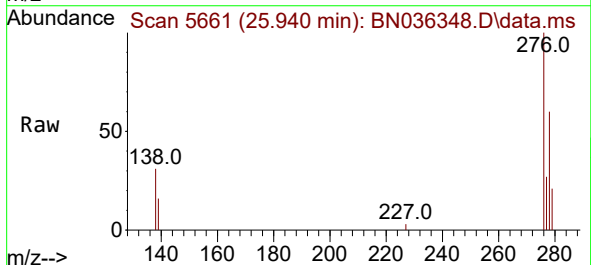
Instrument :
BNA_N
ClientSampleId :
SLCS464

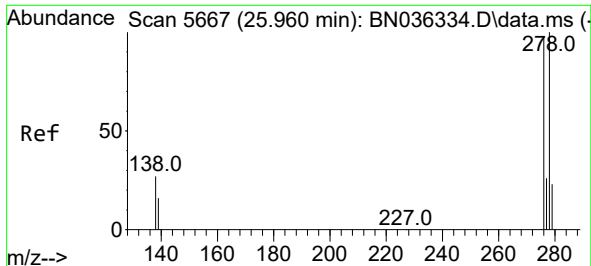
Tgt Ion:252 Resp: 5883
Ion Ratio Lower Upper
252 100
253 33.6 22.2 33.4#
125 28.7 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 25.940 min Scan# 5661
Delta R.T. -0.048 min
Lab File: BN036348.D
Acq: 06 Feb 2025 22:46

Tgt Ion:276 Resp: 7427
Ion Ratio Lower Upper
276 100
138 28.5 20.2 30.4
227 0.3 0.1 0.1#

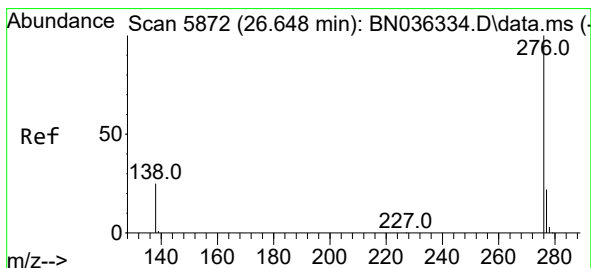
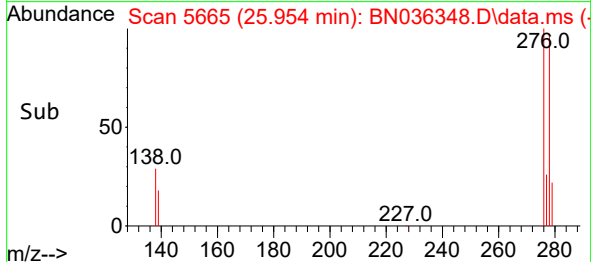
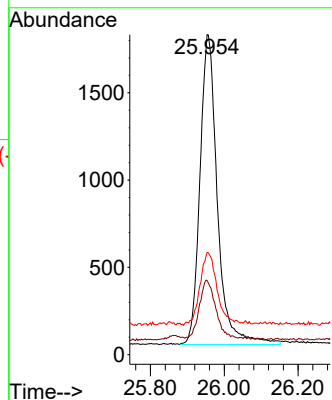
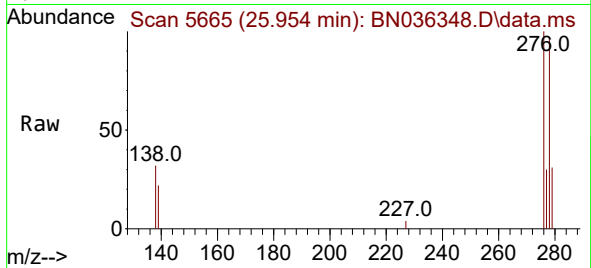




#28
 Dibenzo(a,h)anthracene
 Concen: 0.365 ng/ul
 RT: 25.954 min Scan# 5665
 Delta R.T. -0.044 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46

Instrument :
 BNA_N
 ClientSampleId :
 SLCS464

Tgt Ion:278 Resp: 5798
 Ion Ratio Lower Upper
 278 100
 139 23.2 15.4 23.2#
 279 32.0 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 26.644 min Scan# 5871
 Delta R.T. -0.058 min
 Lab File: BN036348.D
 Acq: 06 Feb 2025 22:46

Tgt Ion:276 Resp: 6103
 Ion Ratio Lower Upper
 276 100
 138 28.7 19.4 29.0
 277 27.2 21.1 31.7

