

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036354.D
 Acq On : 07 Feb 2025 02:59
 Operator : RC/JU
 Sample : Q1229-05MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2993MS

Quant Time: Feb 07 08:03:32 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

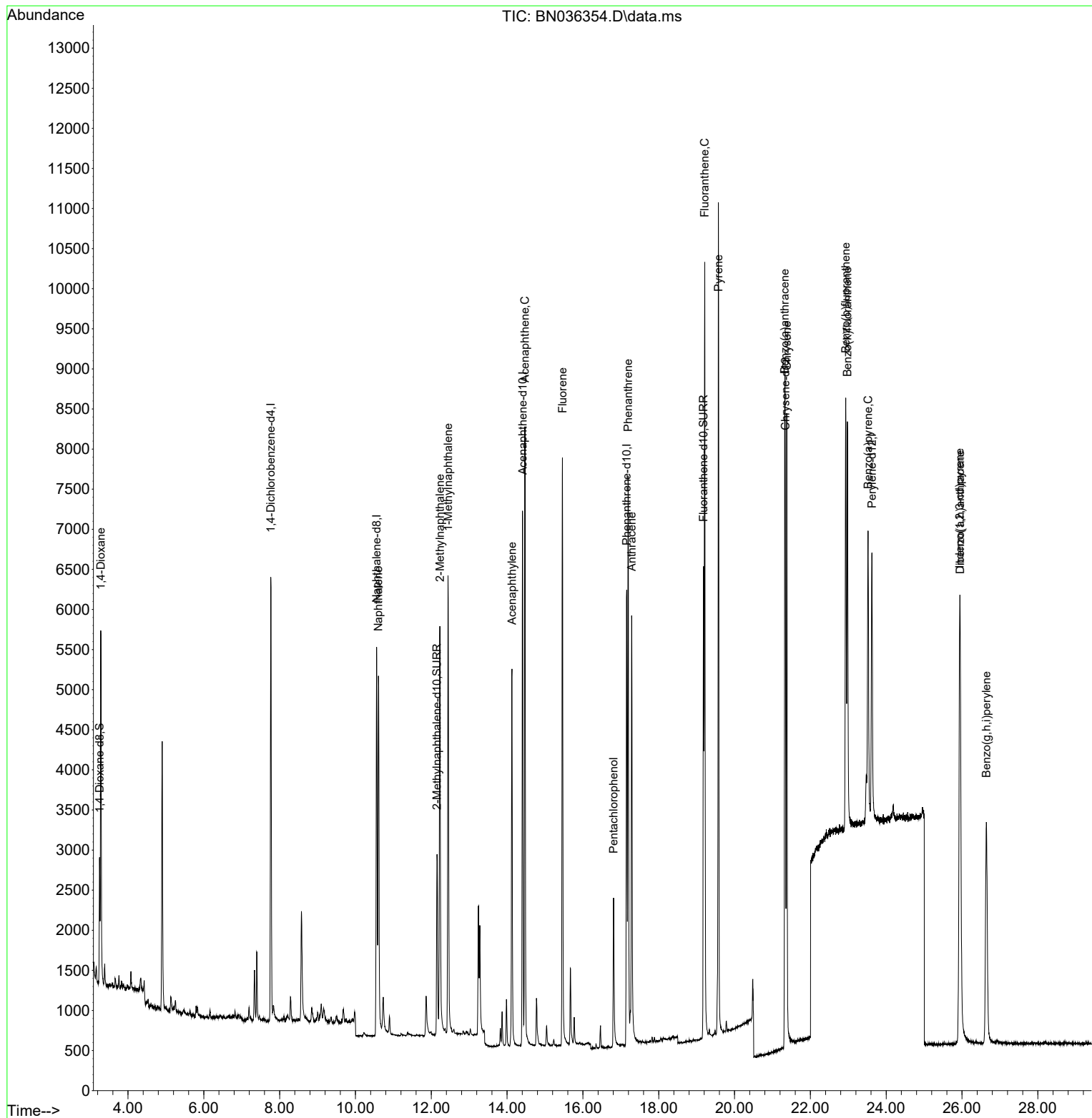
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2851	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.557	136	6916	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.410	164	3808	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.155	188	7177	0.400	ng/ul	-0.02
17) Chrysene-d12	21.340	240	4981	0.400	ng/ul	#-0.02
23) Perylene-d12	23.622	264	4854	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	1040	0.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	3340	0.383	ng/ul	-0.02
18) Fluoranthene-d10	19.180	212	6845	0.500	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.286	88	2785	0.836	ng/ul	93
5) Naphthalene	10.606	128	6513	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.229	142	4070	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.443	142	4180	0.348	ng/ul	100
10) Acenaphthylene	14.128	152	5610	0.313	ng/ul	99
11) Acenaphthene	14.470	153	4657	0.353	ng/ul	98
12) Fluorene	15.460	166	5101	0.350	ng/ul	98
14) Pentachlorophenol	16.809	266	1465	0.583	ng/ul	99
15) Phenanthrene	17.193	178	8013	0.381	ng/ul	100
16) Anthracene	17.286	178	6537	0.335	ng/ul	98
19) Fluoranthene	19.212	202	8463	0.447	ng/ul#	96
20) Pyrene	19.575	202	8709	0.441	ng/ul#	93
21) Benzo(a)anthracene	21.322	228	6565	0.369	ng/ul	99
22) Chrysene	21.378	228	7296	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.933	252	6751	0.417	ng/ul	87
25) Benzo(k)fluoranthene	22.976	252	6882	0.404	ng/ul#	86
26) Benzo(a)pyrene	23.523	252	5844	0.399	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.938	276	7550	0.390	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.951	278	5852	0.392	ng/ul	93
29) Benzo(g,h,i)perylene	26.642	276	6265	0.417	ng/ul	96

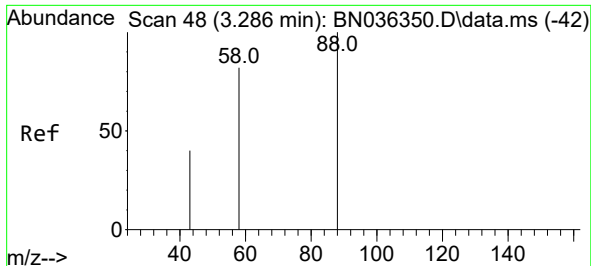
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 06 14:44:03 2025
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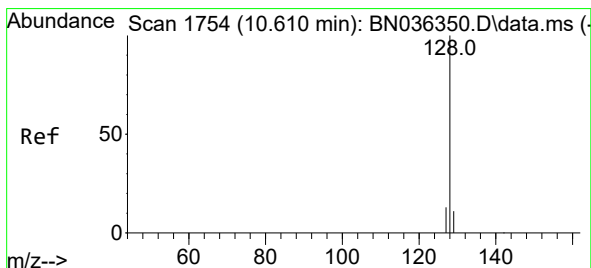
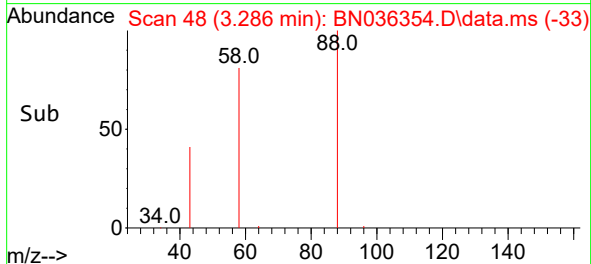
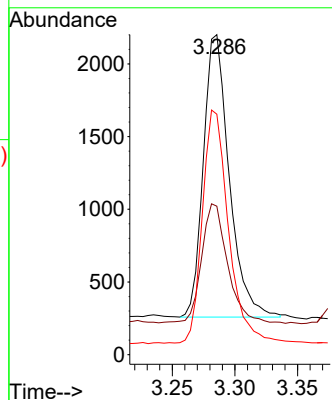
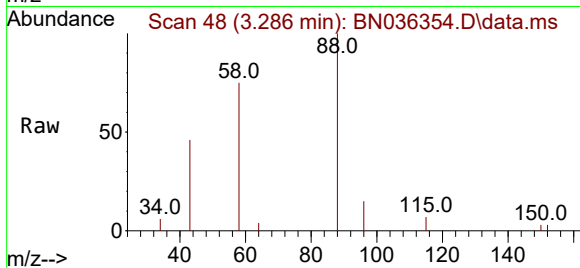


#2
 1,4-Dioxane
 Concen: 0.836 ng/ul
 RT: 3.286 min Scan# 48
 Delta R.T. -0.007 min
 Lab File: BN036354.D
 Acq: 07 Feb 2025 02:59

Instrument :
 BNA_N
 ClientSampleId :
 E2993MS

Tgt Ion: 88 Resp: 2785

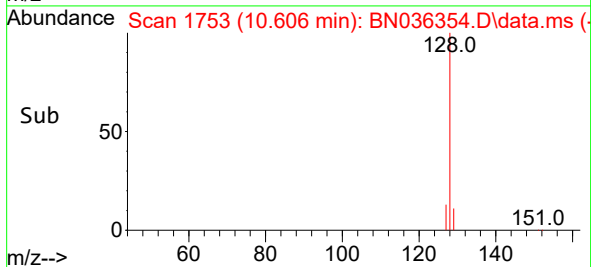
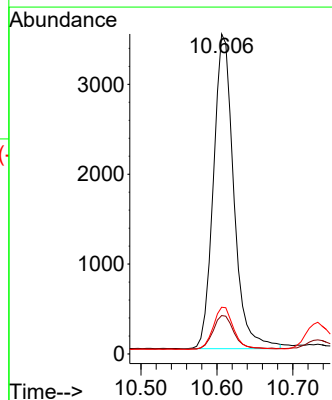
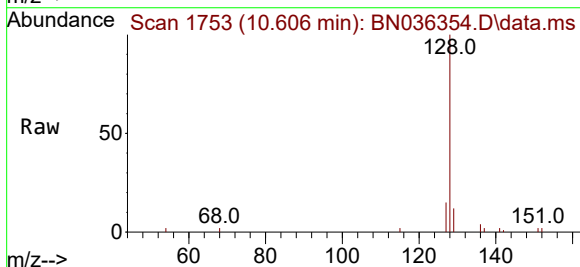
Ion	Ratio	Lower	Upper
88	100		
43	46.4	40.7	61.1
58	75.1	55.2	82.8

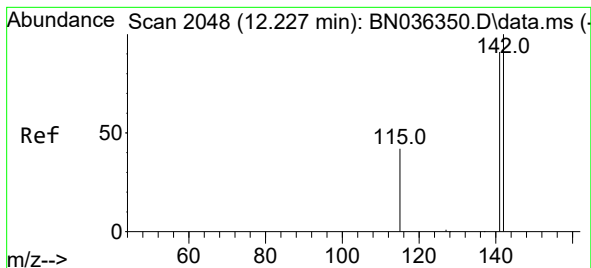


#5
 Naphthalene
 Concen: 0.342 ng/ul
 RT: 10.606 min Scan# 1753
 Delta R.T. -0.021 min
 Lab File: BN036354.D
 Acq: 07 Feb 2025 02:59

Tgt Ion: 128 Resp: 6513

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.6	12.0	18.0

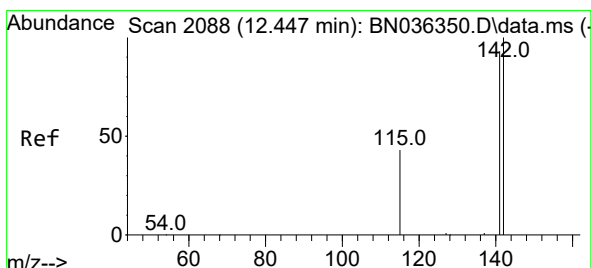
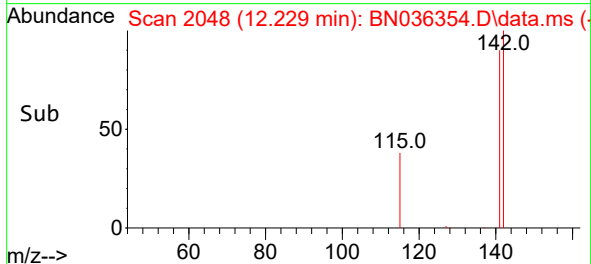
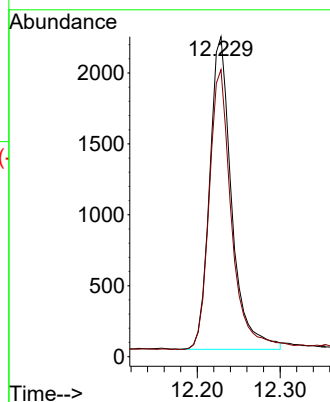
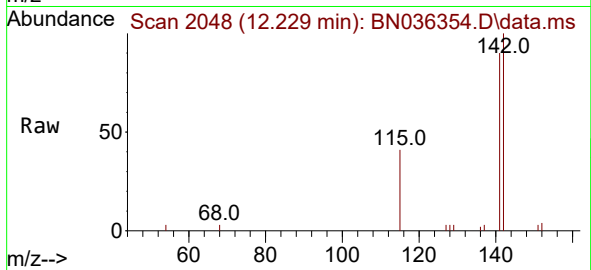




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.229 min Scan# 2048
Delta R.T. -0.015 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

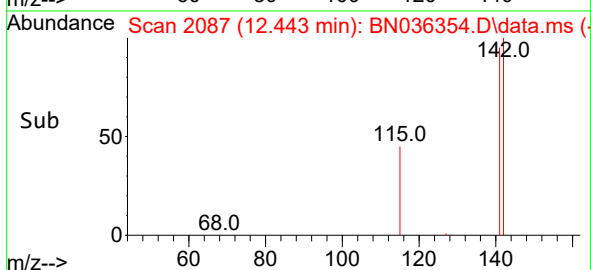
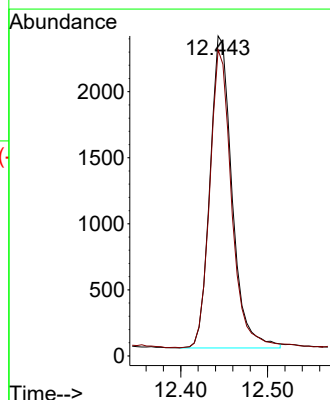
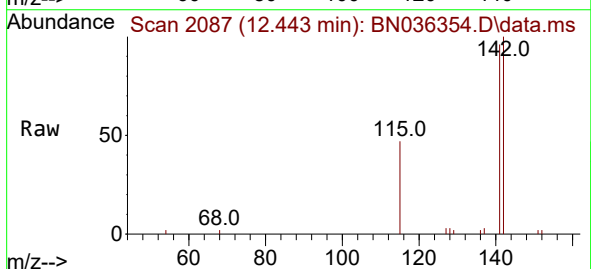
Instrument :
BNA_N
ClientSampleId :
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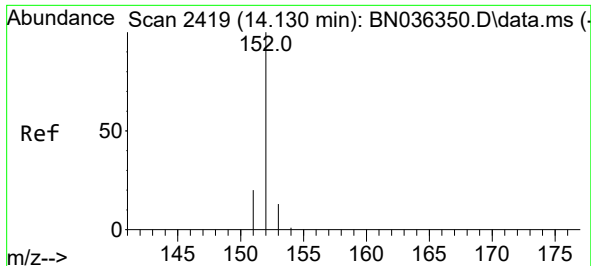
Tgt Ion:142 Resp: 4070
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.021 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:142 Resp: 4180
Ion Ratio Lower Upper
142 100
141 93.5 75.2 112.8

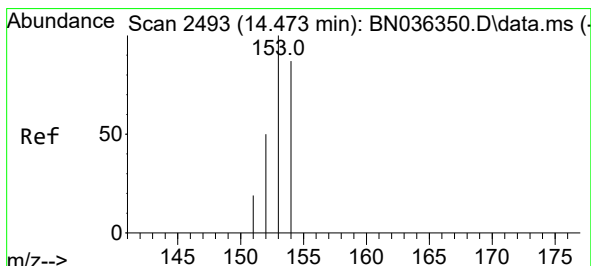
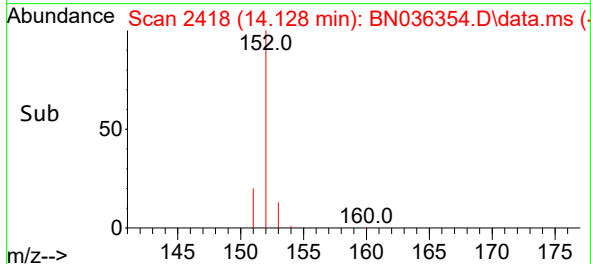
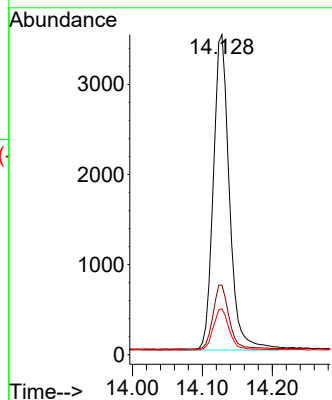
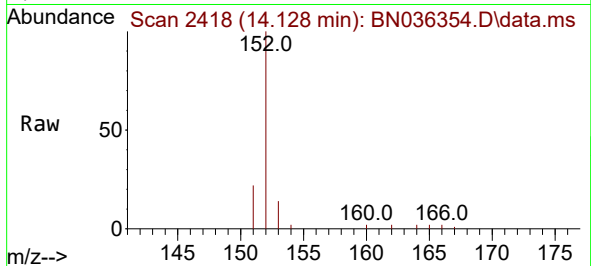




#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 14.128 min Scan# 2418
Delta R.T. -0.017 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

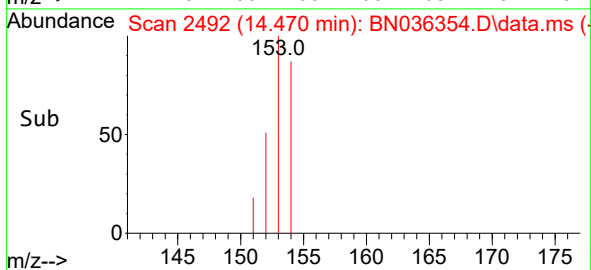
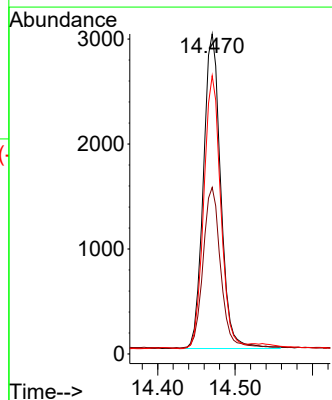
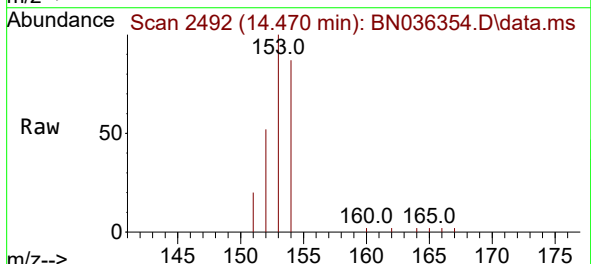
Instrument :
BNA_N
ClientSampleId :
E2993MS

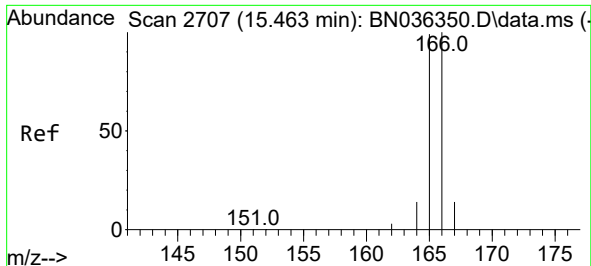
Tgt Ion:152 Resp: 5610
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.470 min Scan# 2492
Delta R.T. -0.021 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:153 Resp: 4657
Ion Ratio Lower Upper
153 100
152 52.1 43.2 64.8
154 86.9 70.5 105.7

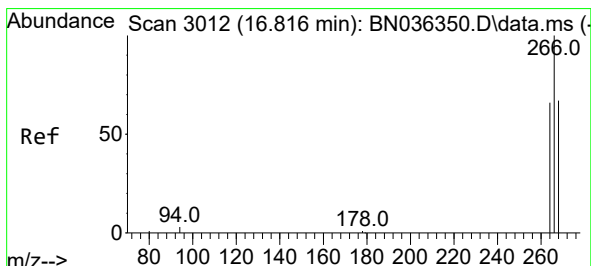
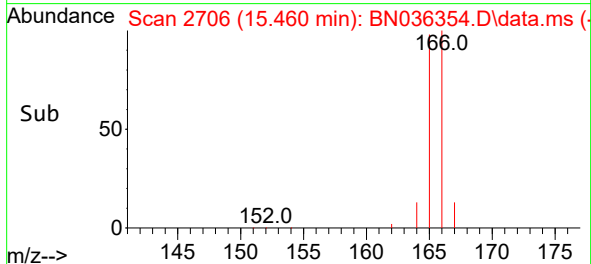
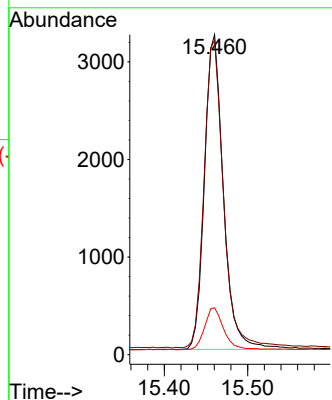
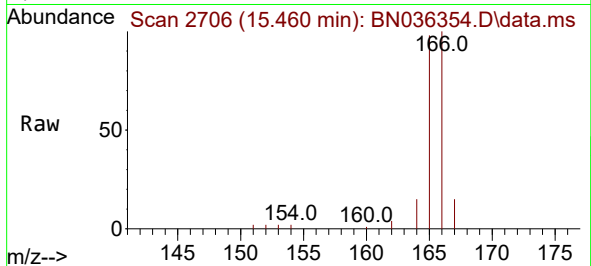




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.460 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

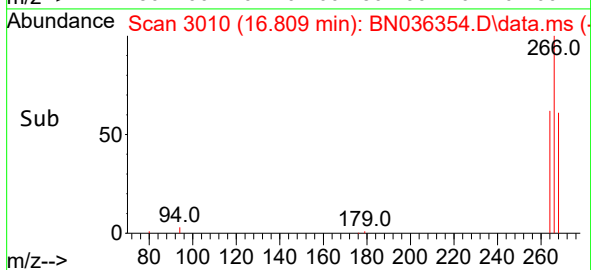
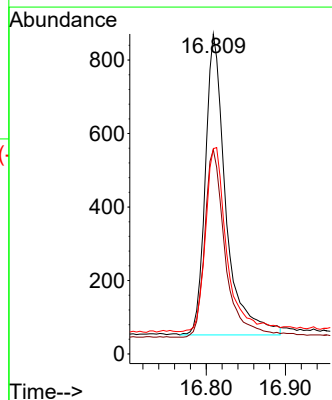
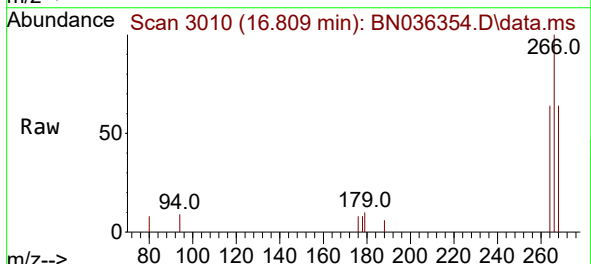
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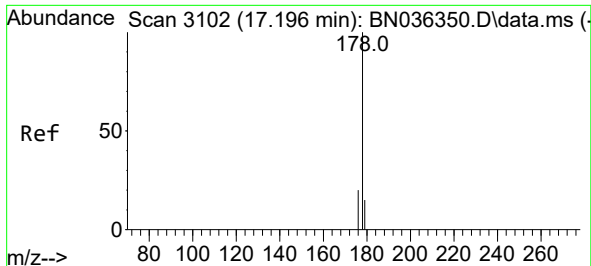
Tgt Ion:166 Resp: 5101
Ion Ratio Lower Upper
166 100
165 98.3 80.3 120.5
167 14.6 12.3 18.5



#14
Pentachlorophenol
Concen: 0.583 ng/ul
RT: 16.809 min Scan# 3010
Delta R.T. -0.019 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:266 Resp: 1465
Ion Ratio Lower Upper
266 100
264 62.8 50.6 75.8
268 64.0 50.6 75.8

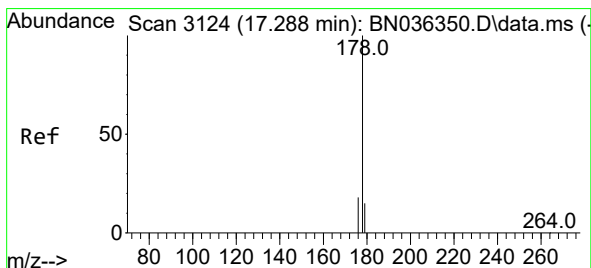
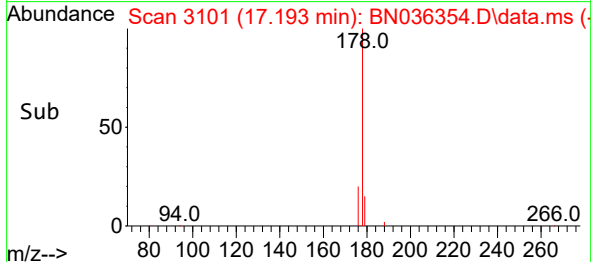
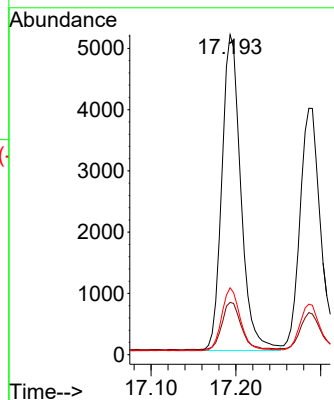
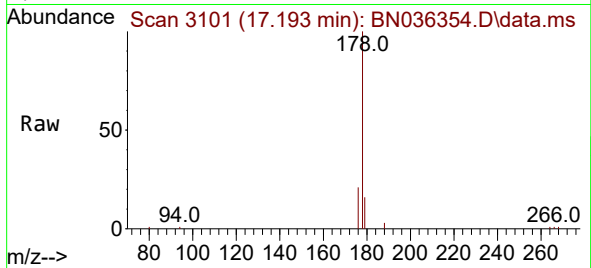




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.193 min Scan# 3101
Delta R.T. -0.019 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

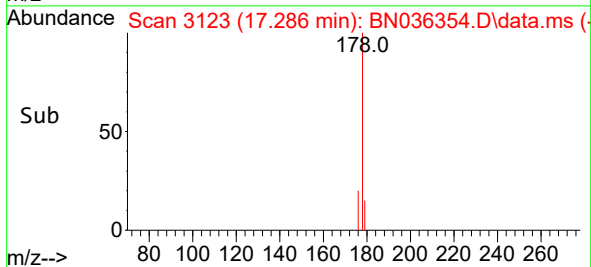
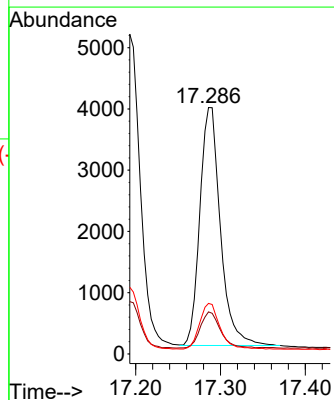
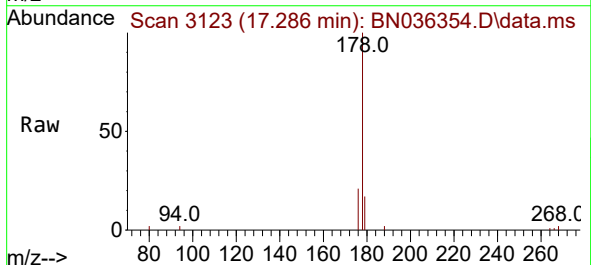
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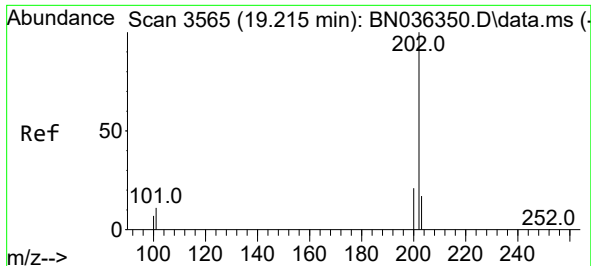
Tgt Ion:178 Resp: 8013
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 20.9 16.8 25.2



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.286 min Scan# 3123
Delta R.T. -0.019 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:178 Resp: 6537
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 20.5 15.9 23.9

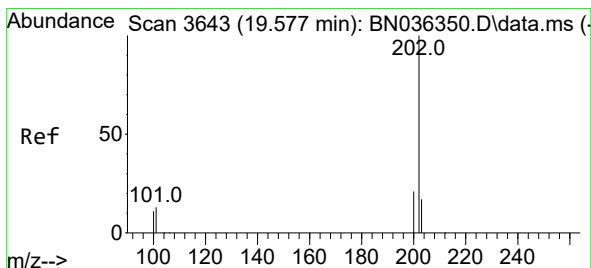
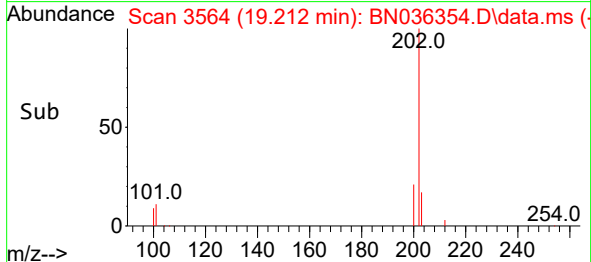
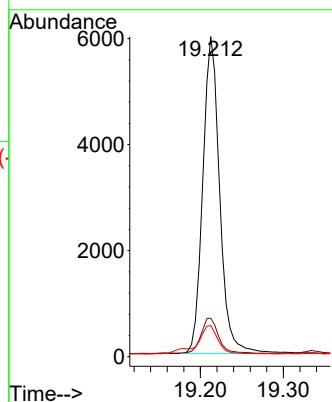
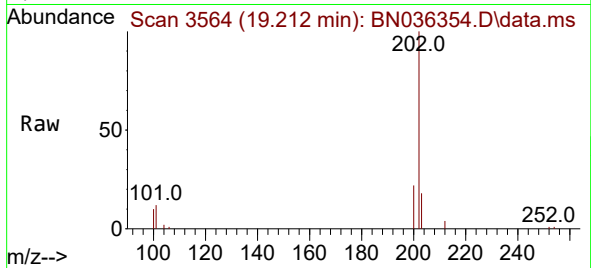




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.212 min Scan# 3565
Delta R.T. -0.021 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

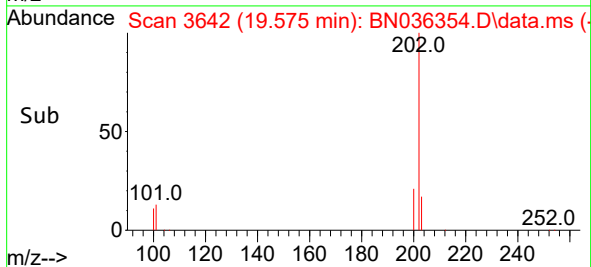
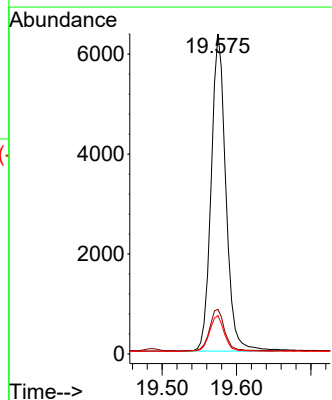
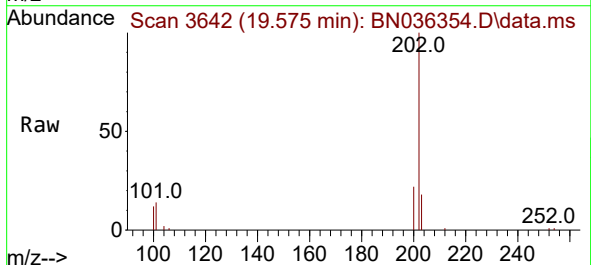
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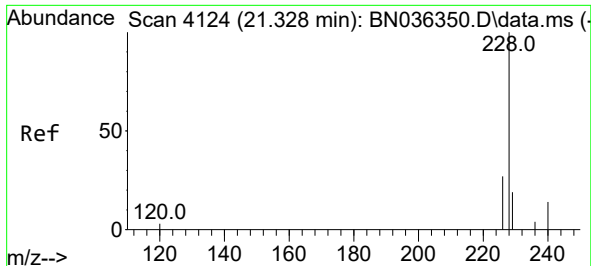
Tgt Ion:202 Resp: 8463
Ion Ratio Lower Upper
202 100
101 12.0 8.4 12.6
100 9.8 6.5 9.7#



#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.575 min Scan# 3642
Delta R.T. -0.021 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:202 Resp: 8709
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 12.0 7.5 11.3#

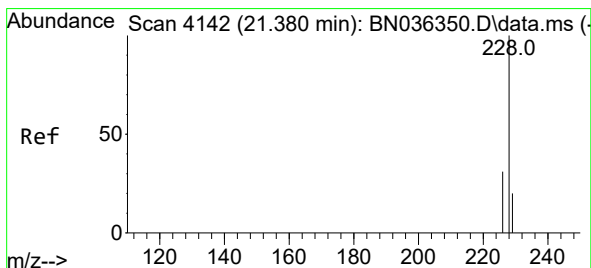
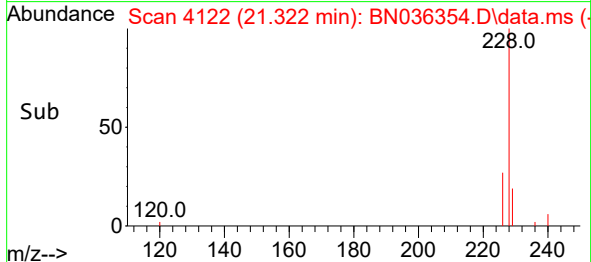
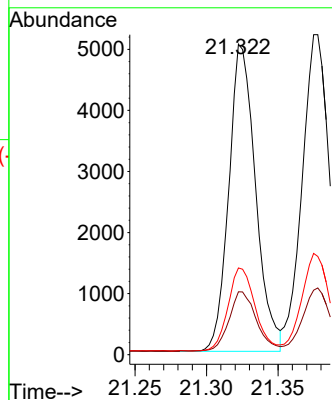
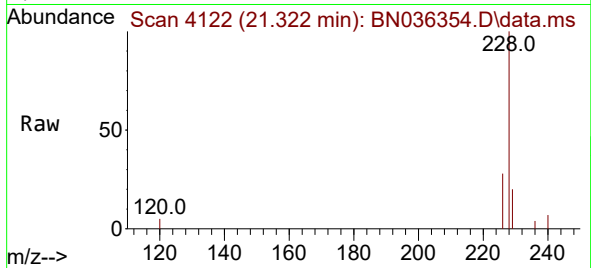




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.322 min Scan# 411
Delta R.T. -0.023 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

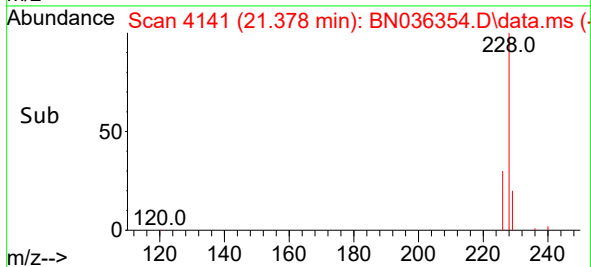
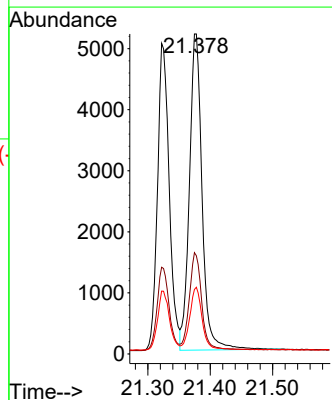
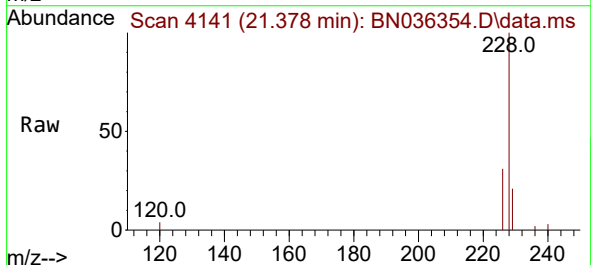
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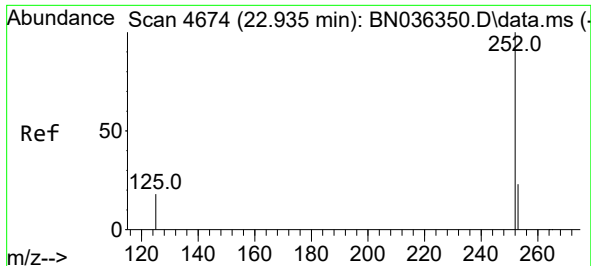
Tgt Ion:228 Resp: 6565
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.9 22.8 34.2



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.378 min Scan# 4141
Delta R.T. -0.020 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:228 Resp: 7296
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.9 15.9 23.9

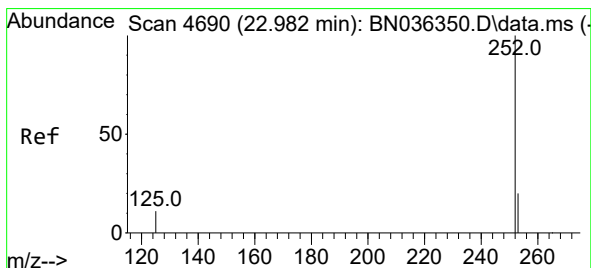
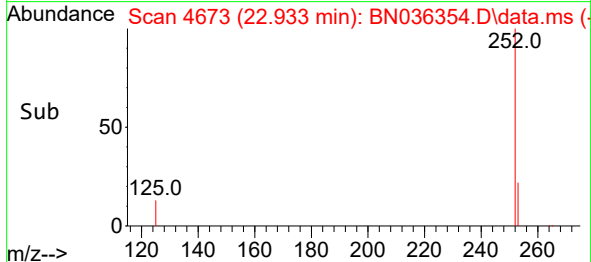
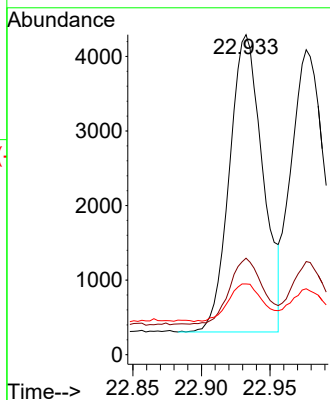
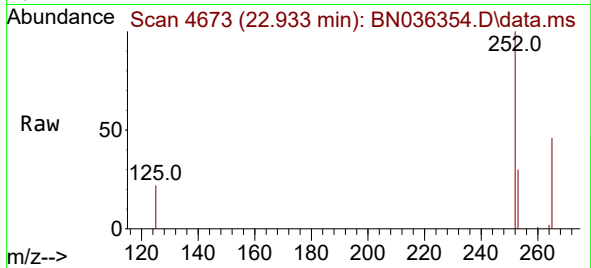




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 22.933 min Scan# 4673
Delta R.T. -0.029 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

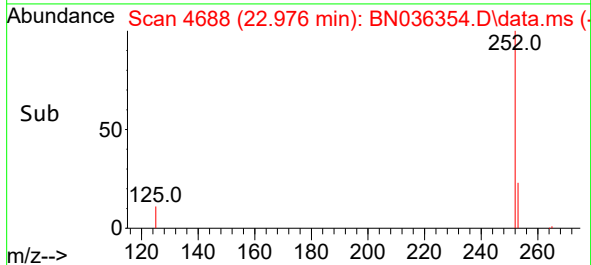
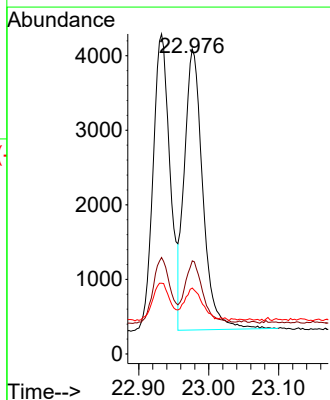
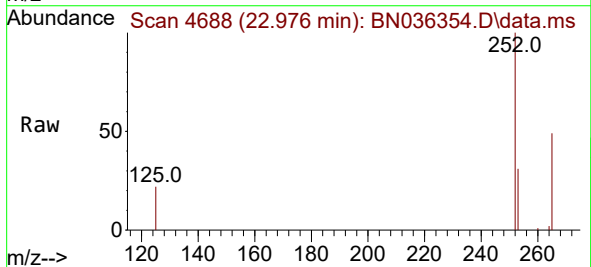
Instrument :
BNA_N
ClientSampleId :
E2993MS

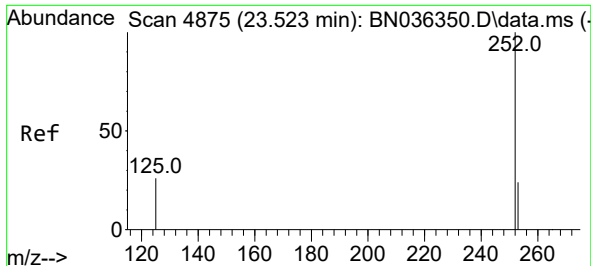
Tgt Ion:252 Resp: 6751
Ion Ratio Lower Upper
252 100
253 30.1 0.0 51.2
125 22.1 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.976 min Scan# 4688
Delta R.T. -0.032 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:252 Resp: 6882
Ion Ratio Lower Upper
252 100
253 30.5 20.2 30.4#
125 21.6 10.6 16.0#

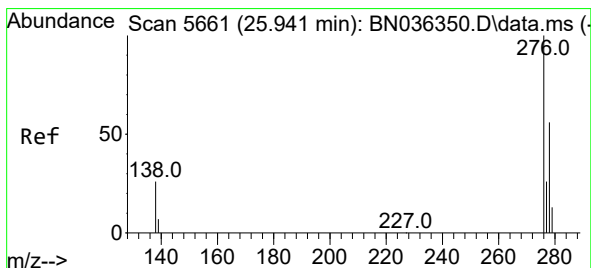
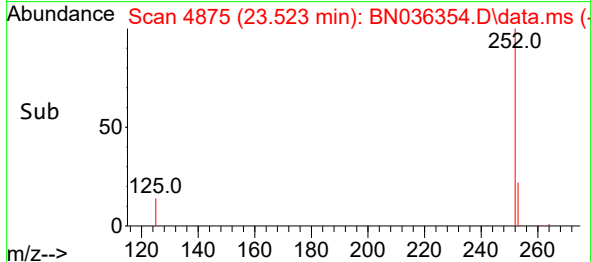
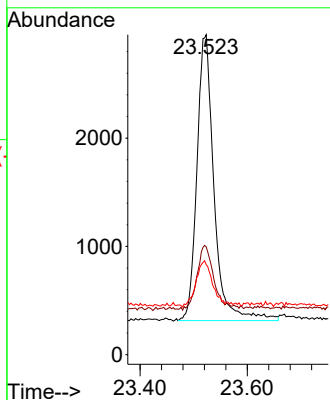
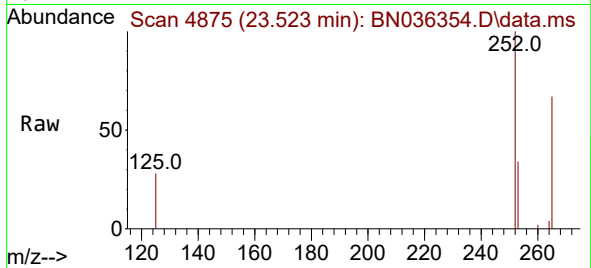




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.523 min Scan# 4875
Delta R.T. -0.032 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

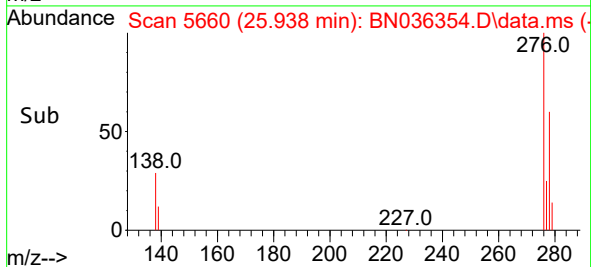
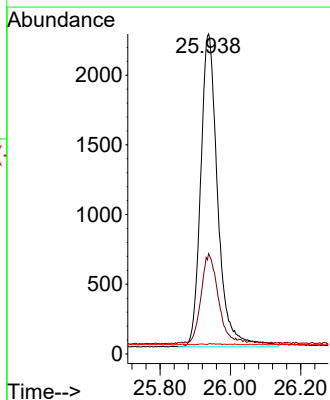
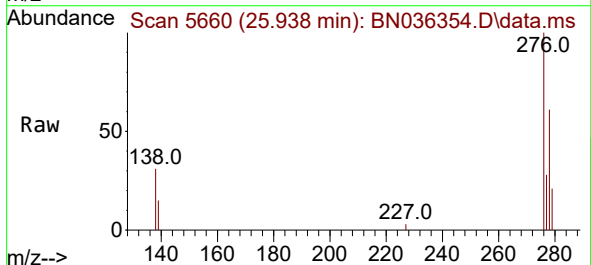
Instrument :
BNA_N
ClientSampleId :
E2993MS

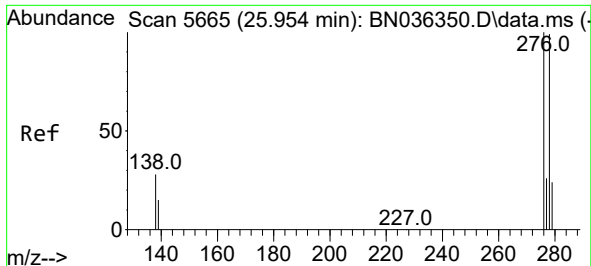
Tgt Ion:252 Resp: 5844
Ion Ratio Lower Upper
252 100
253 33.7 22.2 33.4#
125 28.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.938 min Scan# 5660
Delta R.T. -0.050 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:276 Resp: 7550
Ion Ratio Lower Upper
276 100
138 28.4 20.2 30.4
227 0.3 0.1 0.1#

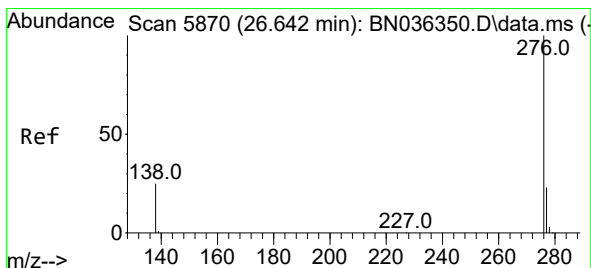
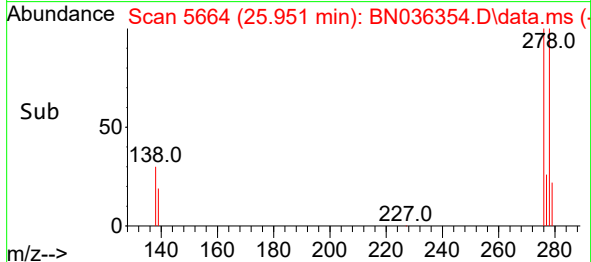
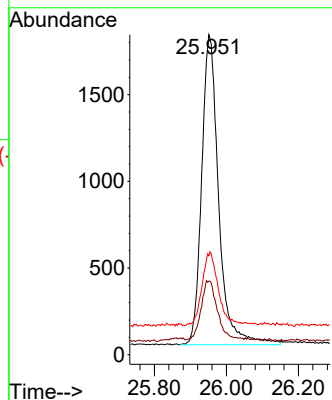
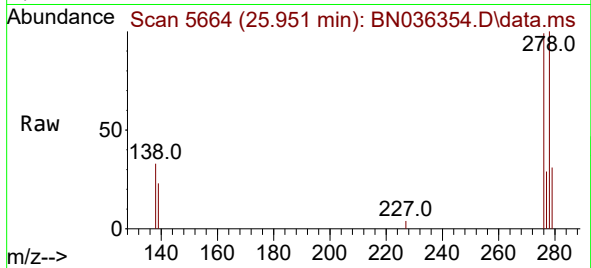




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.951 min Scan# 5664
Delta R.T. -0.047 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Instrument :
BNA_N
ClientSampleId :
E2993MS

Tgt Ion:278 Resp: 5852
Ion Ratio Lower Upper
278 100
139 23.0 15.4 23.2
279 30.9 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.642 min Scan# 5870
Delta R.T. -0.060 min
Lab File: BN036354.D
Acq: 07 Feb 2025 02:59

Tgt Ion:276 Resp: 6265
Ion Ratio Lower Upper
276 100
138 27.6 19.4 29.0
277 26.0 21.1 31.7

