

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036382.D
 Acq On : 07 Feb 2025 20:23
 Operator : RC/JU
 Sample : PB166552BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS552

Quant Time: Feb 11 14:03:44 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 : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

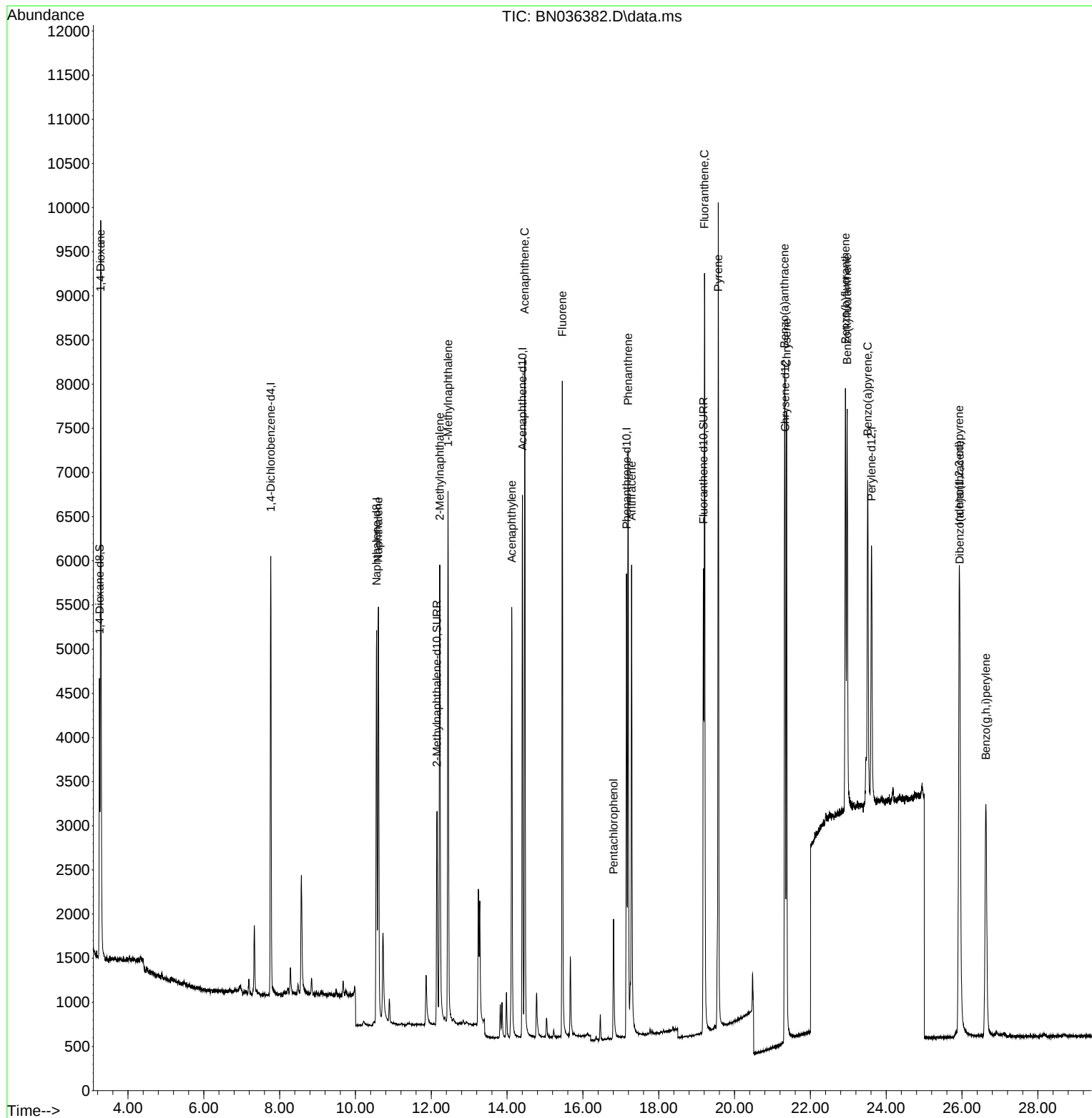
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.557	136	6186	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.405	164	3519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	6551	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.334	240	4317	0.400	ng/ul	# 0.00
23) Perylene-d12	23.611	264	4307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	1990	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	3583	0.459	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	6271	0.529	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	5344	1.746	ng/ul	87
5) Naphthalene	10.606	128	6777	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.223	142	4214	0.398	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	4454	0.415	ng/ul	98
10) Acenaphthylene	14.123	152	5845	0.352	ng/ul	99
11) Acenaphthene	14.466	153	4681	0.383	ng/ul	96
12) Fluorene	15.456	166	4961	0.368	ng/ul	99
14) Pentachlorophenol	16.809	266	1122	0.489	ng/ul	98
15) Phenanthrene	17.193	178	7502	0.391	ng/ul	99
16) Anthracene	17.286	178	6412	0.360	ng/ul	99
19) Fluoranthene	19.208	202	7831	0.477	ng/ul#	94
20) Pyrene	19.570	202	8002	0.467	ng/ul#	92
21) Benzo(a)anthracene	21.319	228	6093	0.395	ng/ul	99
22) Chrysene	21.372	228	6650	0.422	ng/ul	98
24) Benzo(b)fluoranthene	22.924	252	6156	0.428	ng/ul	85
25) Benzo(k)fluoranthene	22.970	252	6474	0.428	ng/ul#	85
26) Benzo(a)pyrene	23.514	252	5673	0.437	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.928	276	7197	0.419	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.941	278	5540	0.419	ng/ul	91
29) Benzo(g,h,i)perylene	26.629	276	5890	0.442	ng/ul#	94

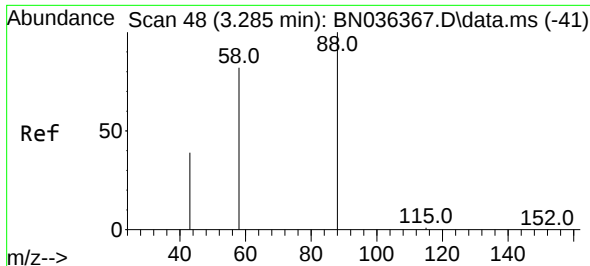
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

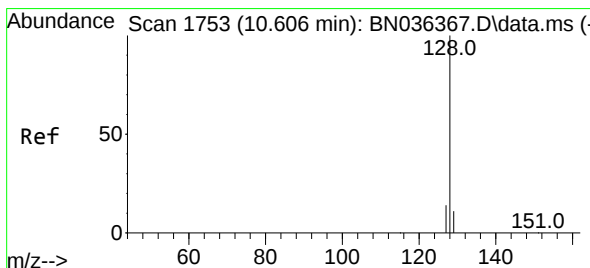
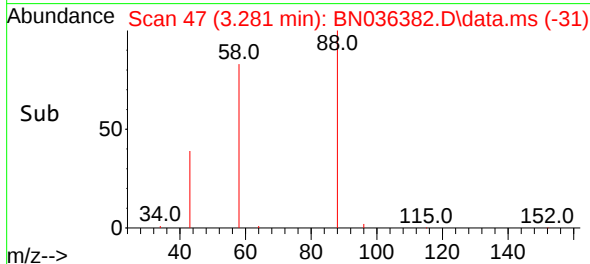
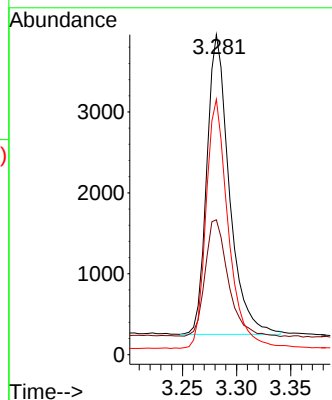
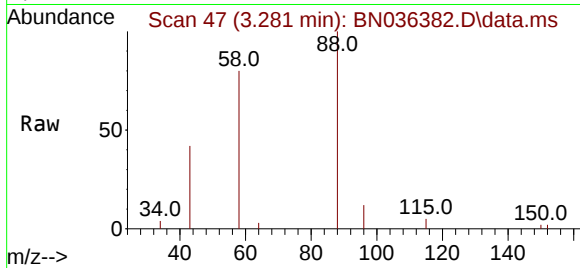




#2
 1,4-Dioxane
 Concen: 1.746 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN036382.D
 Acq: 07 Feb 2025 20:23

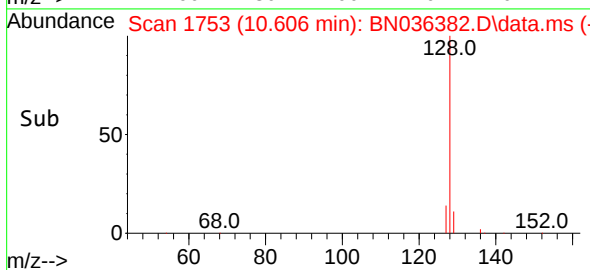
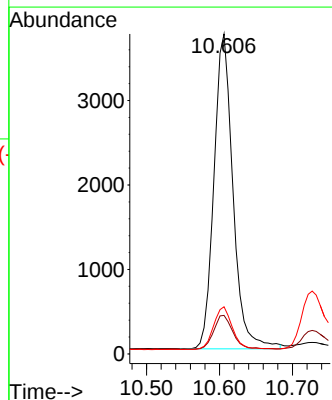
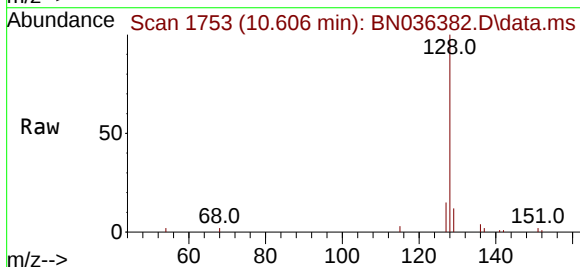
Instrument :
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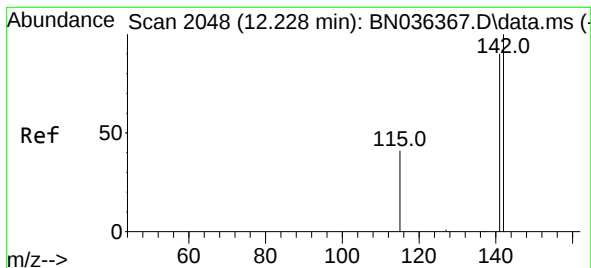
Tgt Ion: 88 Resp: 5344
 Ion Ratio Lower Upper
 88 100
 43 42.1 40.7 61.1
 58 79.8 55.2 82.8



#5
 Naphthalene
 Concen: 0.398 ng/ul
 RT: 10.606 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BN036382.D
 Acq: 07 Feb 2025 20:23

Tgt Ion:128 Resp: 6777
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.6 14.4
 127 14.7 12.0 18.0

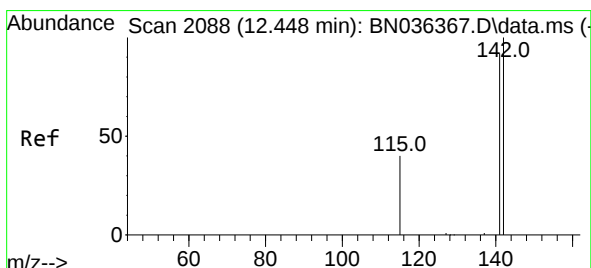
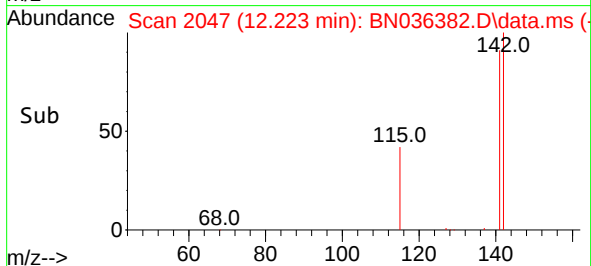
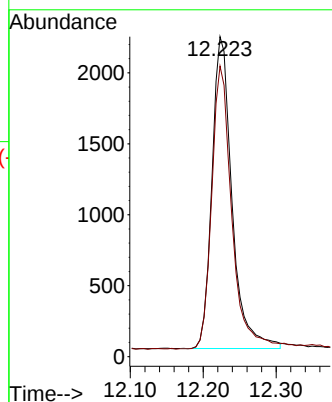
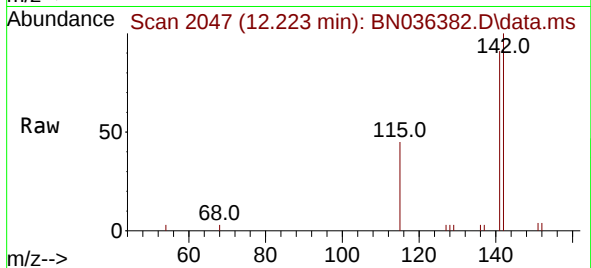




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.223 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

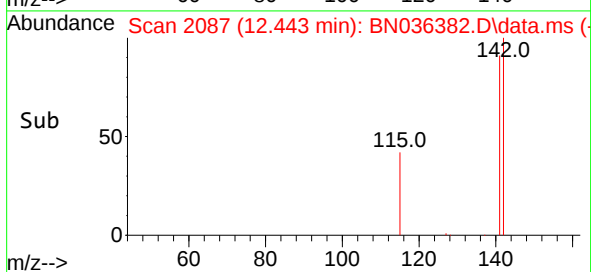
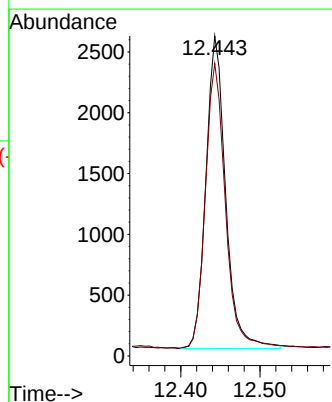
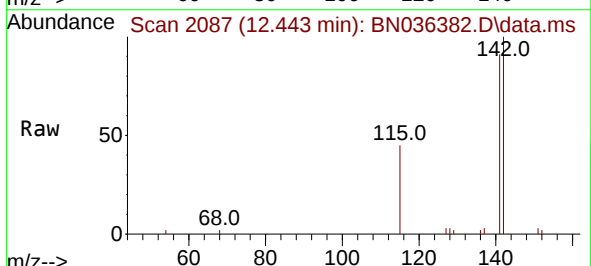
Instrument :
BNA_N
ClientSampleId :
SLCS552

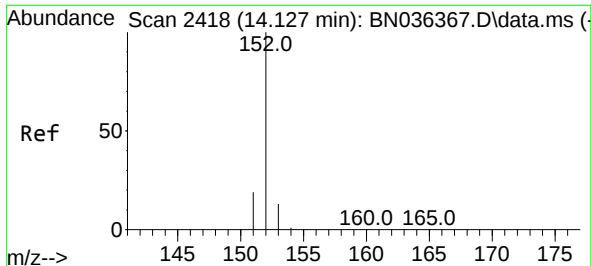
Tgt Ion:142 Resp: 4214
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:142 Resp: 4454
Ion Ratio Lower Upper
142 100
141 91.7 75.2 112.8

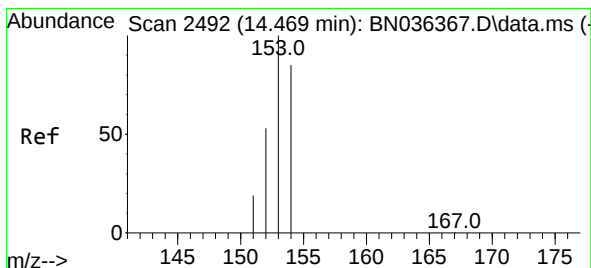
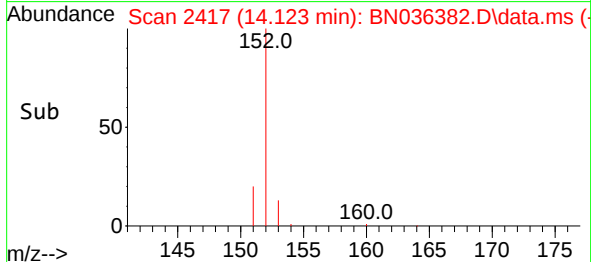
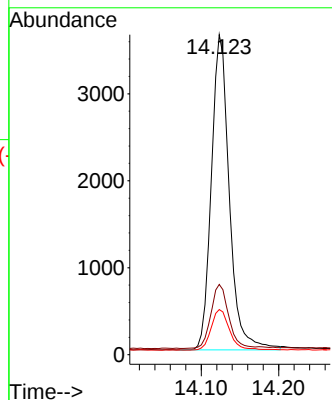
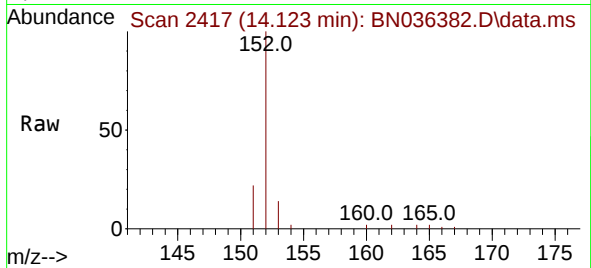




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.123 min Scan# 2418
Delta R.T. -0.004 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

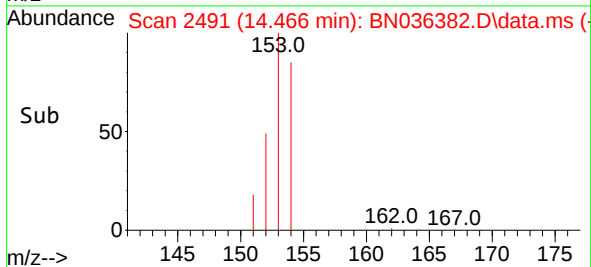
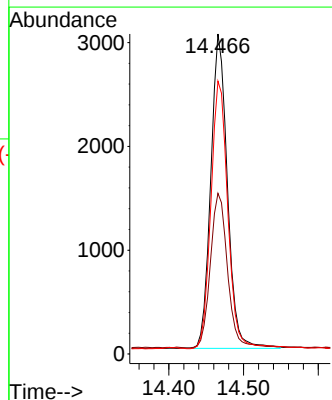
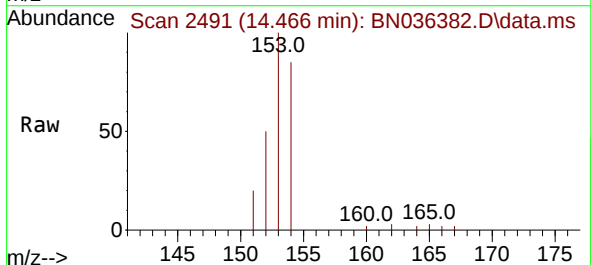
Instrument :
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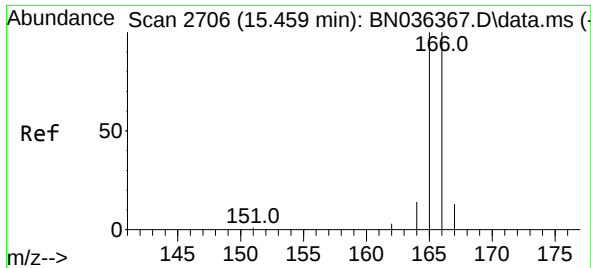
Tgt Ion:152 Resp: 5845
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.2
153 14.1 11.9 17.9



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.466 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:153 Resp: 4681
Ion Ratio Lower Upper
153 100
152 50.2 43.2 64.8
154 85.3 70.5 105.7

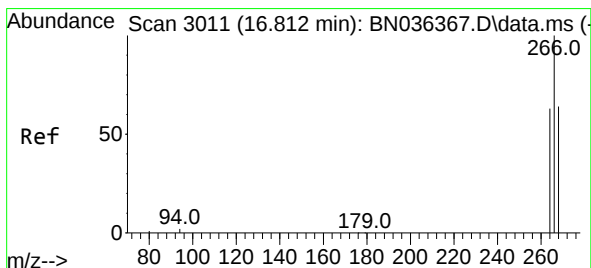
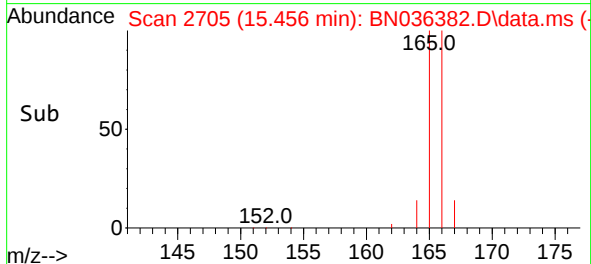
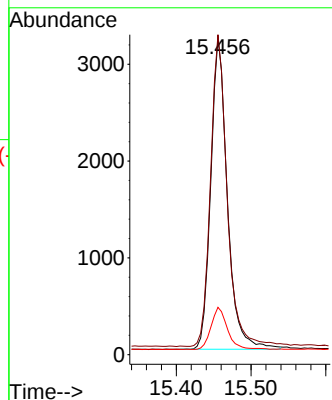
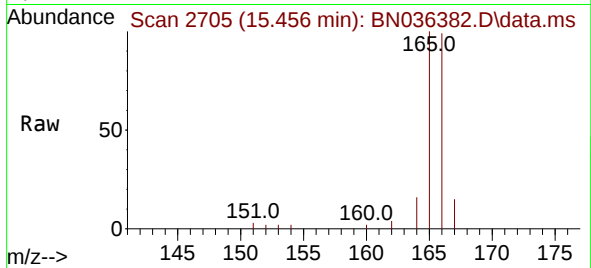




#12
 Fluorene
 Concen: 0.368 ng/ul
 RT: 15.456 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN036382.D
 Acq: 07 Feb 2025 20:23

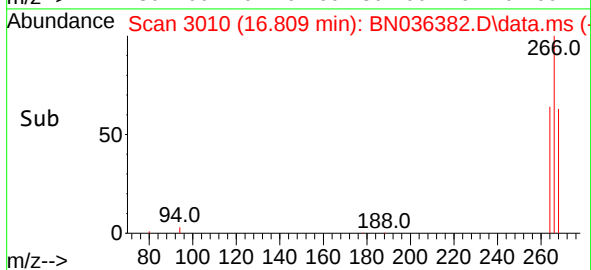
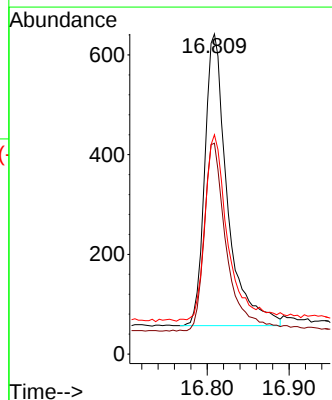
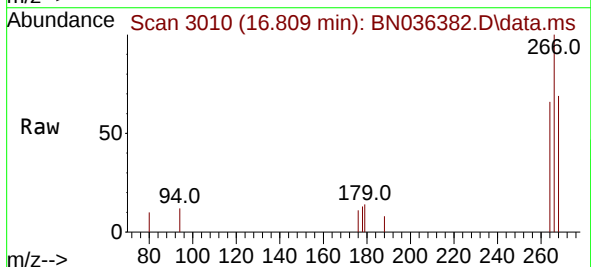
Instrument :
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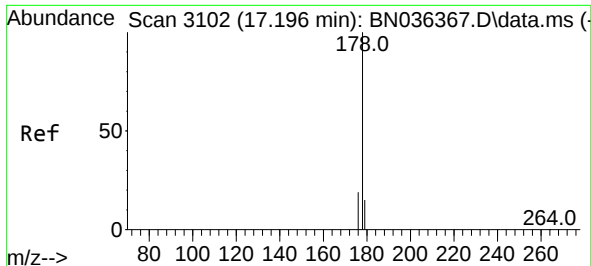
Tgt Ion:166 Resp: 4961
 Ion Ratio Lower Upper
 166 100
 165 101.1 80.3 120.5
 167 15.0 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.489 ng/ul
 RT: 16.809 min Scan# 3010
 Delta R.T. -0.003 min
 Lab File: BN036382.D
 Acq: 07 Feb 2025 20:23

Tgt Ion:266 Resp: 1122
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.6 75.8
 268 65.7 50.6 75.8

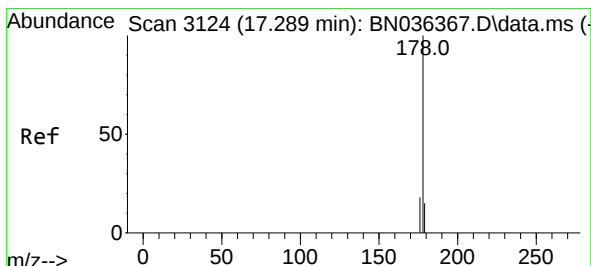
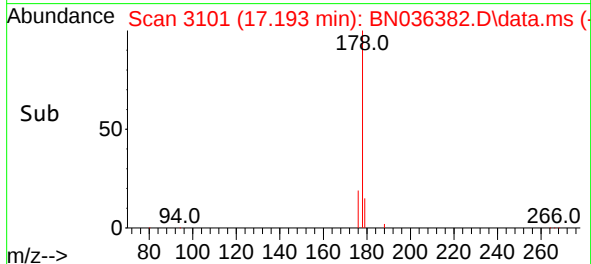
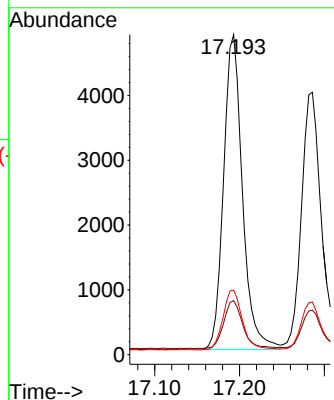
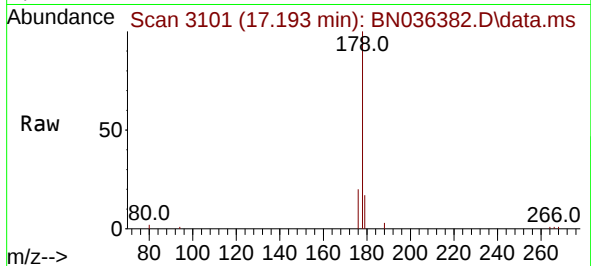




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.193 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

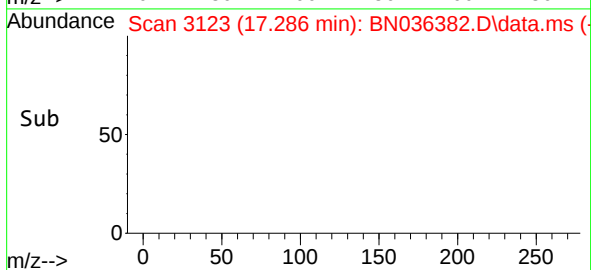
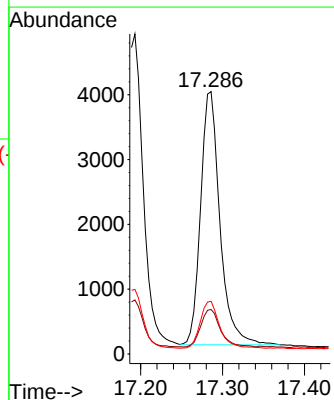
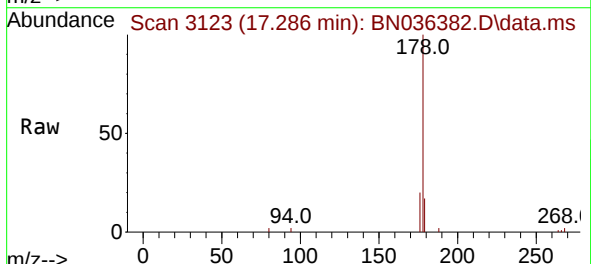
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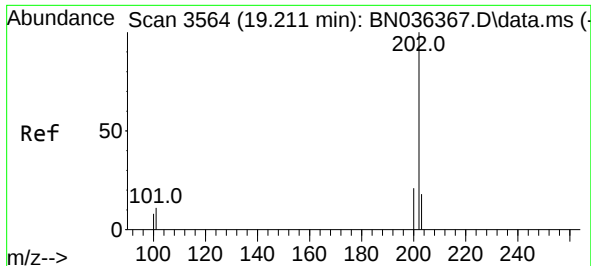
Tgt Ion:178 Resp: 7502
Ion Ratio Lower Upper
178 100
179 16.9 13.2 19.8
176 20.1 16.8 25.2



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.286 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:178 Resp: 6412
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.1 15.9 23.9

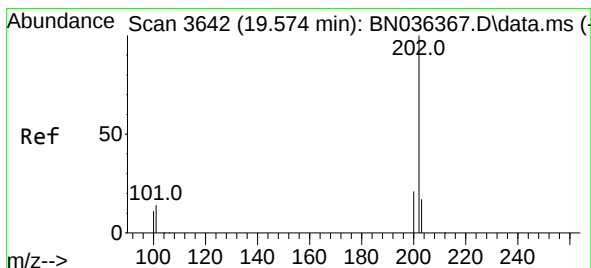
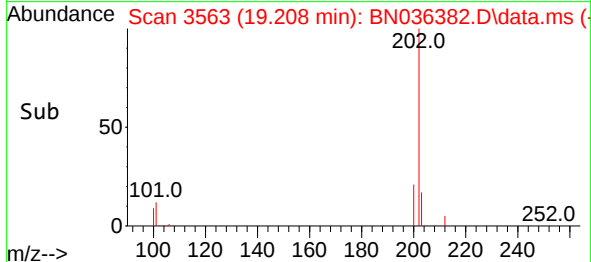
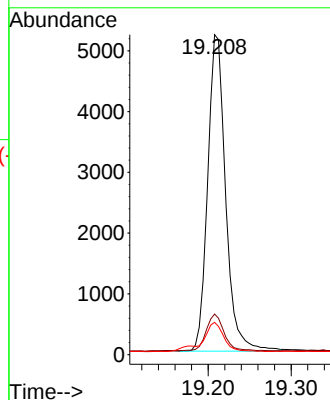
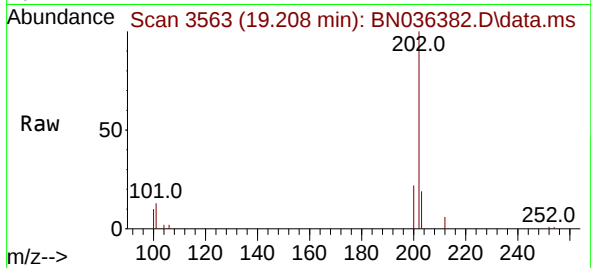




#19
Fluoranthene
Concen: 0.477 ng/ul
RT: 19.208 min Scan# 3563
Delta R.T. -0.004 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

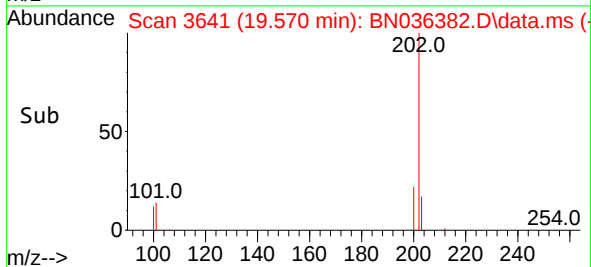
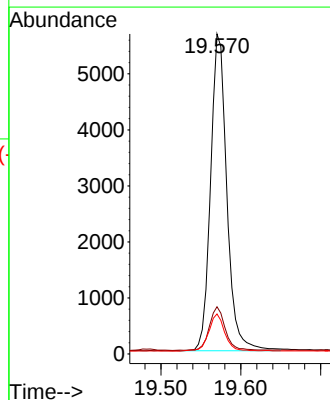
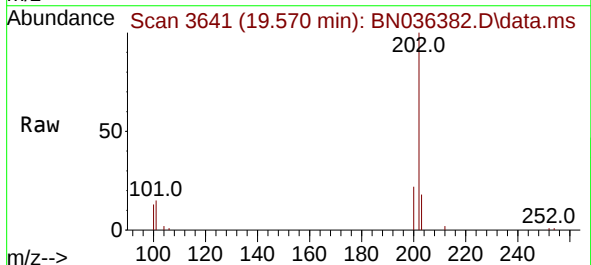
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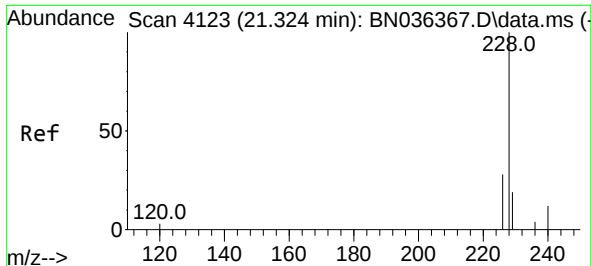
Tgt Ion:202 Resp: 7831
Ion Ratio Lower Upper
202 100
101 12.7 8.4 12.6#
100 10.1 6.5 9.7#



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.570 min Scan# 3641
Delta R.T. -0.004 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:202 Resp: 8002
Ion Ratio Lower Upper
202 100
101 14.7 9.3 13.9#
100 12.5 7.5 11.3#

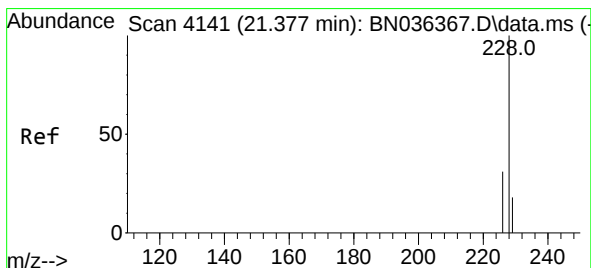
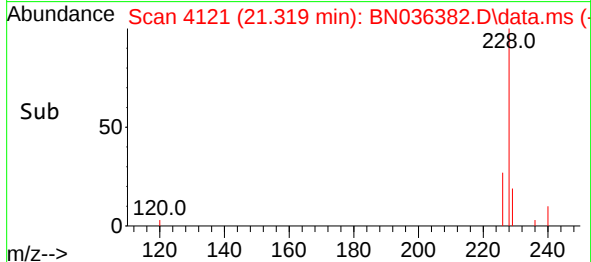
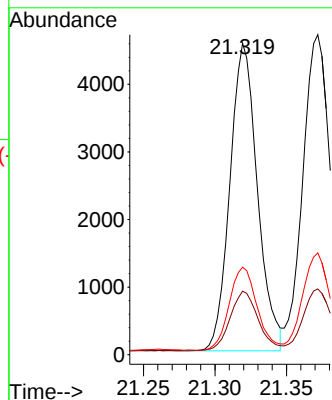
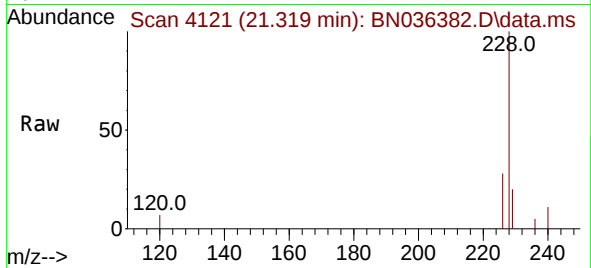




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.319 min Scan# 4123
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

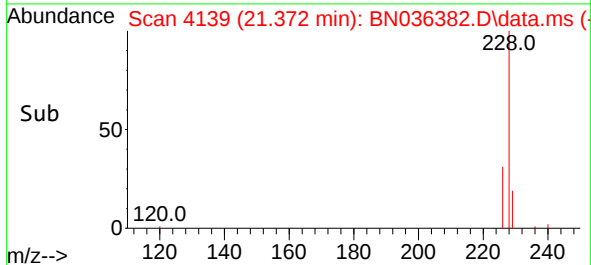
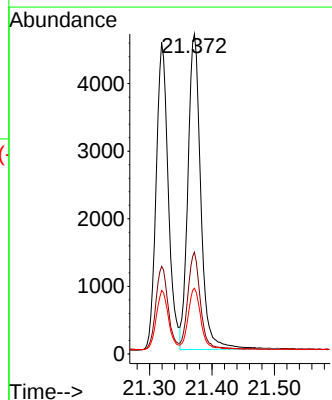
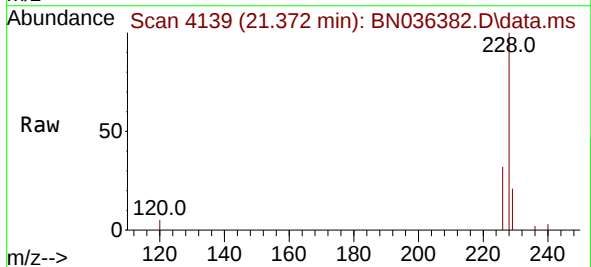
Instrument :
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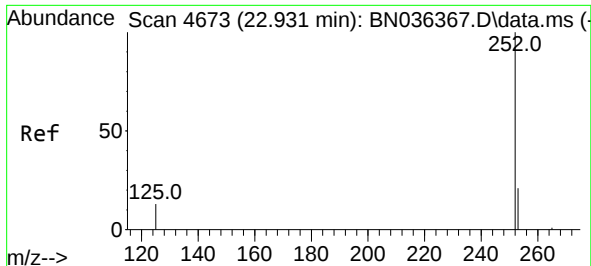
Tgt Ion:228 Resp: 6093
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.372 min Scan# 4139
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:228 Resp: 6650
Ion Ratio Lower Upper
228 100
226 31.8 24.4 36.6
229 20.6 15.9 23.9

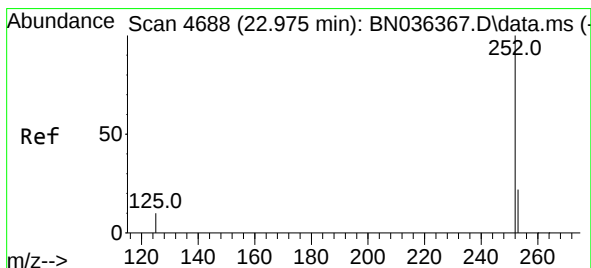
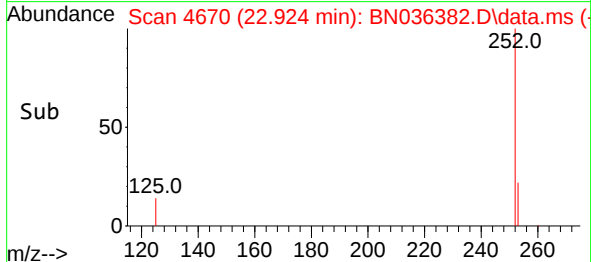
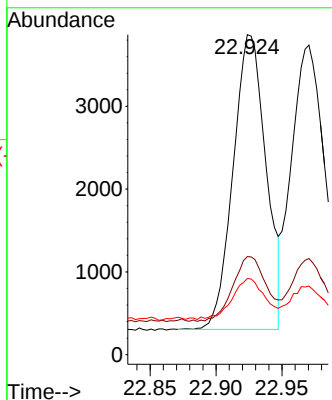
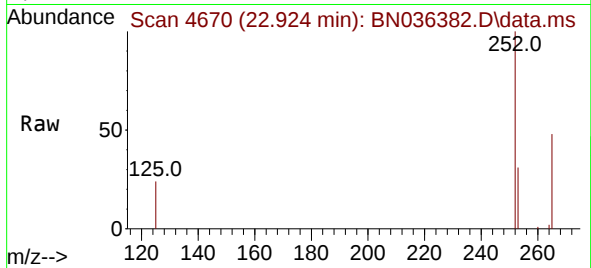




#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 22.924 min Scan# 4670
Delta R.T. -0.008 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

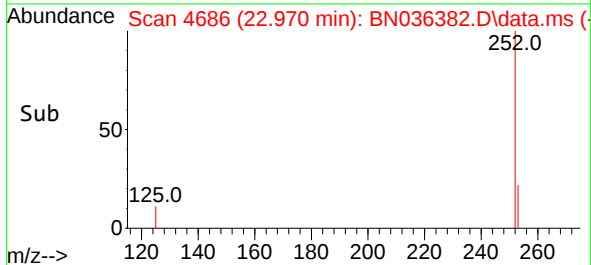
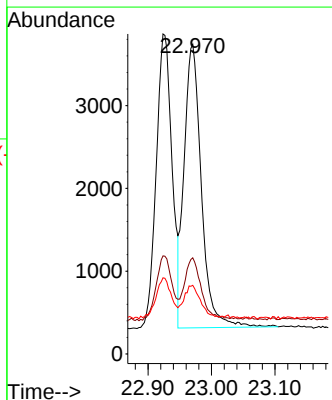
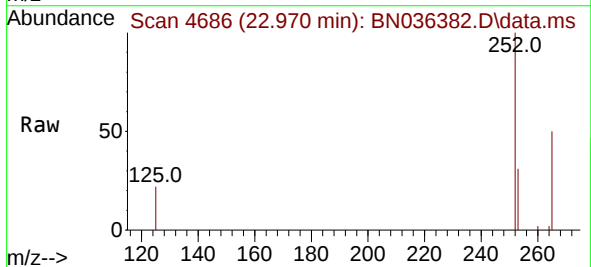
Instrument :
BNA_N
ClientSampleId :
SLCS552

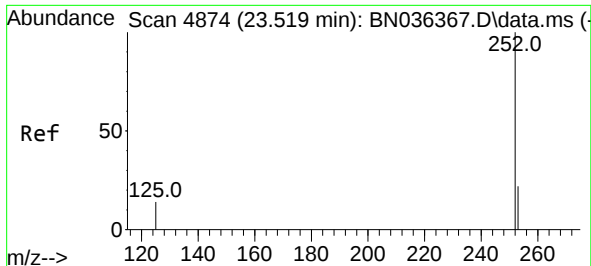
Tgt Ion:252 Resp: 6156
Ion Ratio Lower Upper
252 100
253 30.7 0.0 51.2
125 23.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 22.970 min Scan# 4686
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:252 Resp: 6474
Ion Ratio Lower Upper
252 100
253 31.0 20.2 30.4#
125 22.2 10.6 16.0#

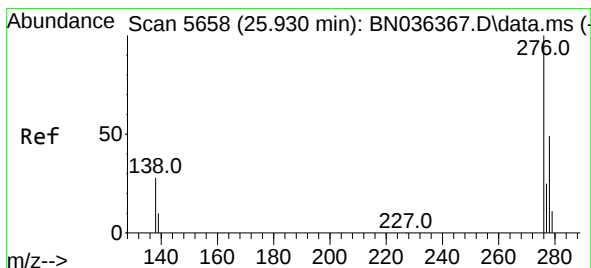
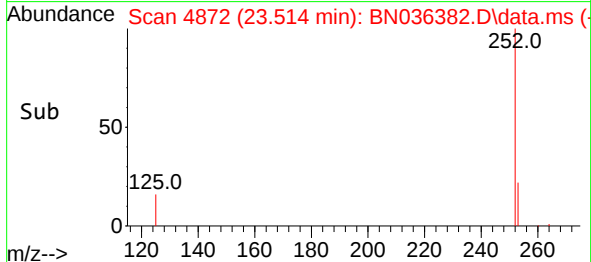
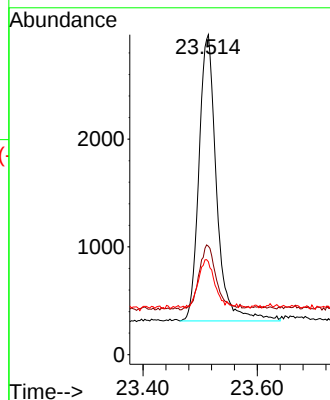
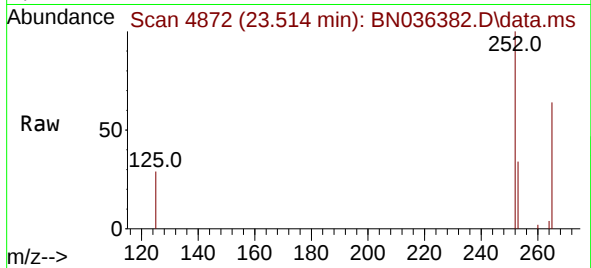




#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.514 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

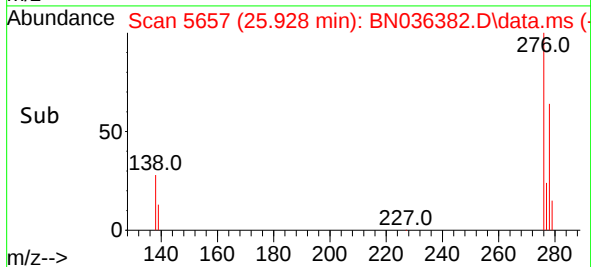
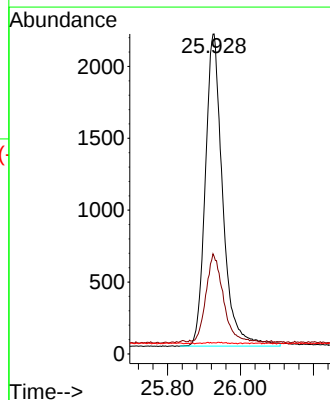
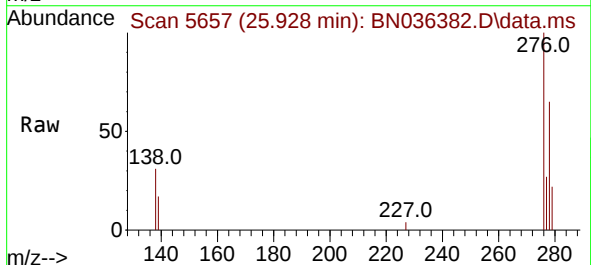
Instrument :
BNA_N
ClientSampleId :
SLCS552

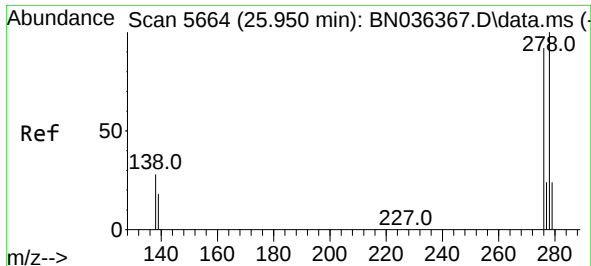
Tgt Ion:252 Resp: 5673
Ion Ratio Lower Upper
252 100
253 33.9 22.2 33.4#
125 29.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 25.928 min Scan# 5657
Delta R.T. -0.002 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:276 Resp: 7197
Ion Ratio Lower Upper
276 100
138 27.4 20.2 30.4
227 0.2 0.1 0.1#

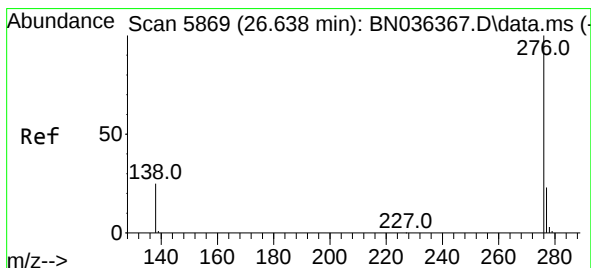
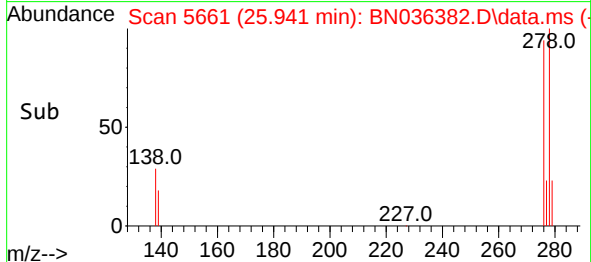
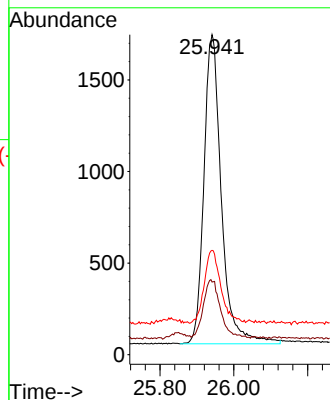
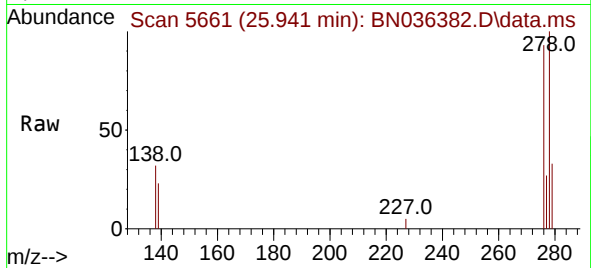




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 25.941 min Scan# 5661
Delta R.T. -0.009 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Instrument :
BNA_N
ClientSampleId :
SLCS552

Tgt Ion:278 Resp: 5540
Ion Ratio Lower Upper
278 100
139 22.7 15.4 23.2
279 32.6 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 26.629 min Scan# 5866
Delta R.T. -0.009 min
Lab File: BN036382.D
Acq: 07 Feb 2025 20:23

Tgt Ion:276 Resp: 5890
Ion Ratio Lower Upper
276 100
138 29.4 19.4 29.0#
277 27.3 21.1 31.7

