

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036284.D
 Acq On : 05 Feb 2025 06:07
 Operator : RC/JU
 Sample : PB166442BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS442

Quant Time: Feb 05 08:30:47 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 : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

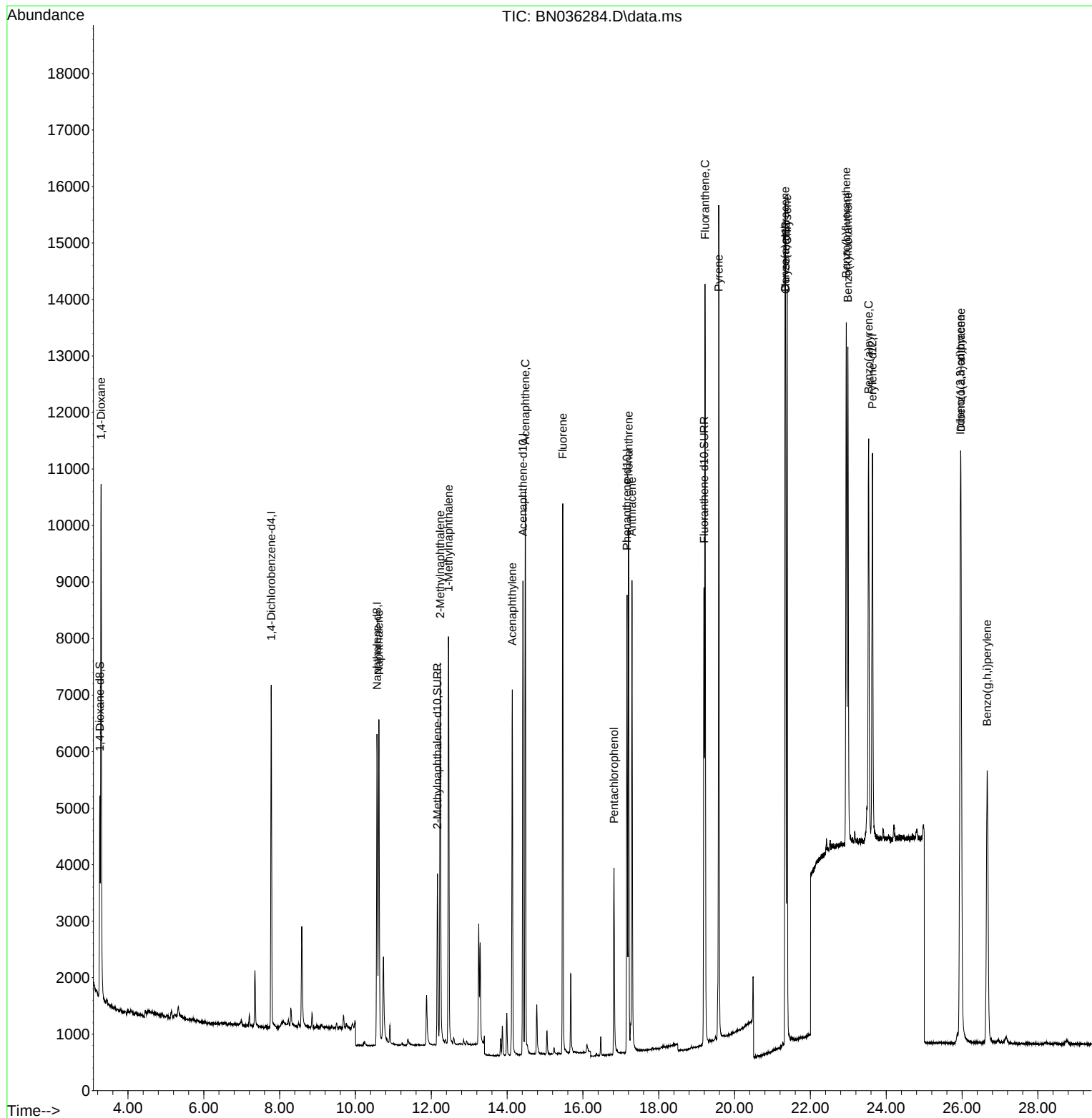
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	3093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	7623	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.418	164	4602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	9548	0.400	ng/ul	-0.01
17) Chrysene-d12	21.348	240	8752	0.400	ng/ul	#-0.02
23) Perylene-d12	23.636	264	9315	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2310	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	4121	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	9177	0.382	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	6070	1.679	ng/ul	90
5) Naphthalene	10.617	128	8035	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.234	142	5194	0.398	ng/ul	100
8) 1-Methylnaphthalene	12.454	142	5247	0.396	ng/ul	100
10) Acenaphthylene	14.136	152	7407	0.341	ng/ul	99
11) Acenaphthene	14.479	153	5754	0.360	ng/ul	97
12) Fluorene	15.469	166	6271	0.356	ng/ul	99
14) Pentachlorophenol	16.821	266	2384	0.713	ng/ul	99
15) Phenanthrene	17.205	178	10074	0.360	ng/ul	99
16) Anthracene	17.293	178	9093	0.350	ng/ul	99
19) Fluoranthene	19.221	202	11661	0.351	ng/ul	95
20) Pyrene	19.583	202	12174	0.351	ng/ul#	92
21) Benzo(a)anthracene	21.333	228	11232	0.360	ng/ul	99
22) Chrysene	21.386	228	11578	0.363	ng/ul	99
24) Benzo(b)fluoranthene	22.946	252	11264	0.362	ng/ul	91
25) Benzo(k)fluoranthene	22.990	252	11638	0.356	ng/ul#	90
26) Benzo(a)pyrene	23.537	252	10596	0.377	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.957	276	13065	0.352	ng/ul	95
28) Dibenzo(a,h)anthracene	25.970	278	10329	0.361	ng/ul	96
29) Benzo(g,h,i)perylene	26.661	276	10210	0.354	ng/ul	97

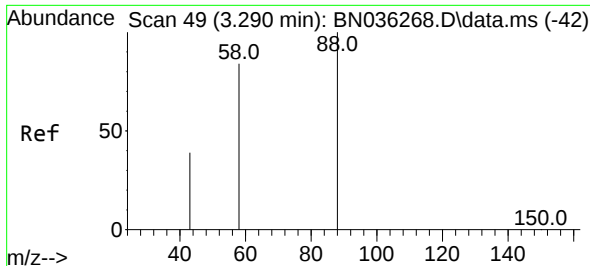
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

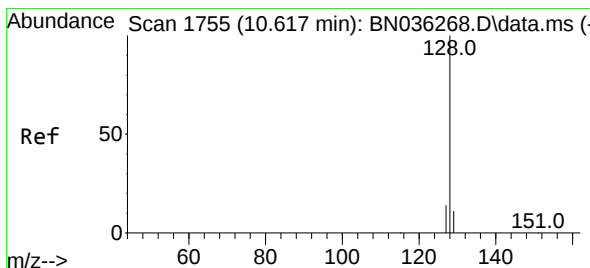
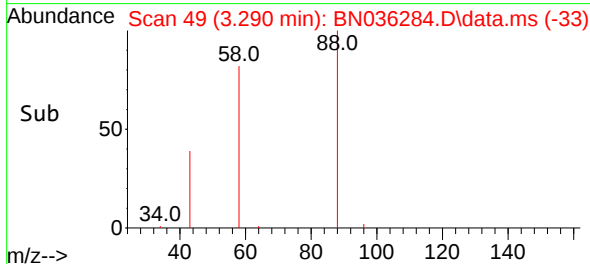
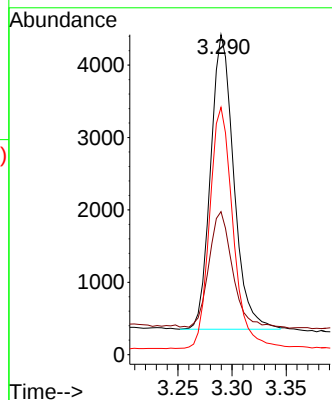
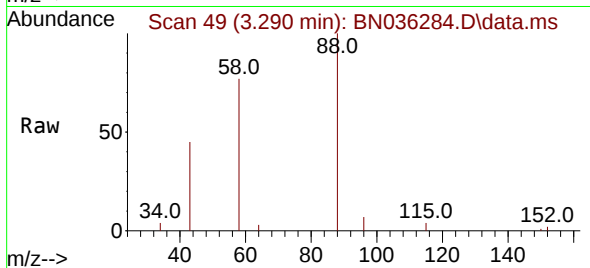




#2
 1,4-Dioxane
 Concen: 1.679 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.003 min
 Lab File: BN036284.D
 Acq: 05 Feb 2025 06:07

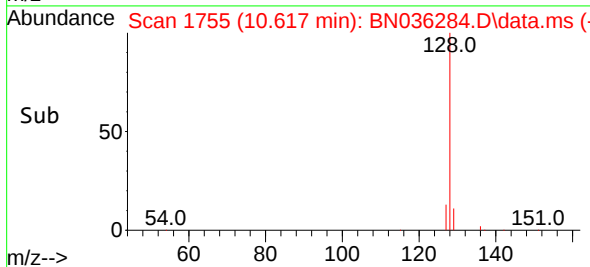
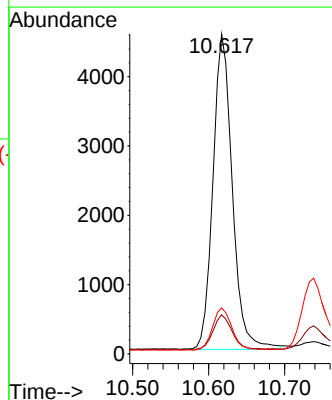
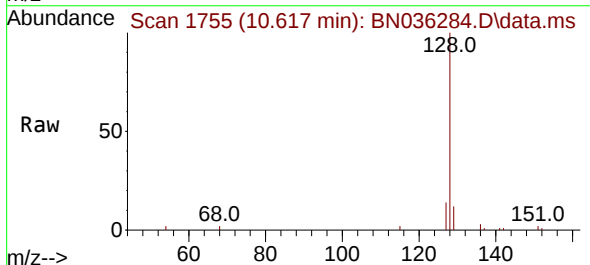
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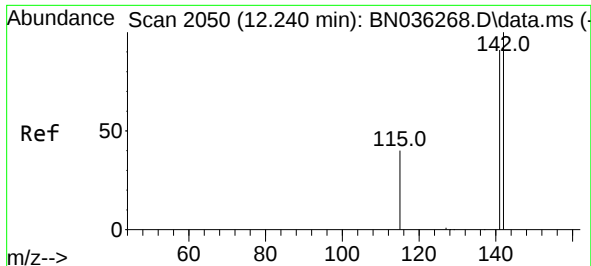
Tgt Ion: 88 Resp: 6070
 Ion Ratio Lower Upper
 88 100
 43 44.7 40.7 61.1
 58 77.3 55.2 82.8



#5
 Naphthalene
 Concen: 0.383 ng/ul
 RT: 10.617 min Scan# 1755
 Delta R.T. -0.010 min
 Lab File: BN036284.D
 Acq: 05 Feb 2025 06:07

Tgt Ion: 128 Resp: 8035
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.6 14.4
 127 14.4 12.0 18.0

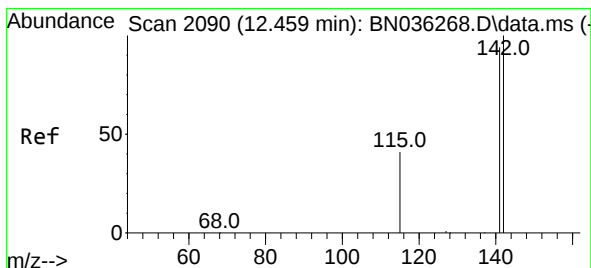
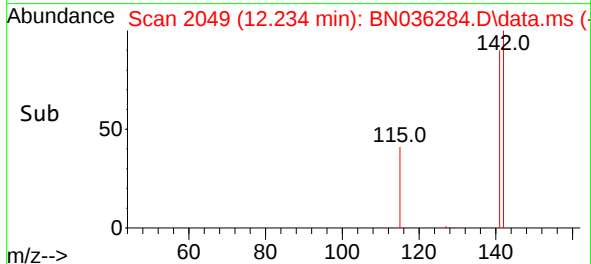
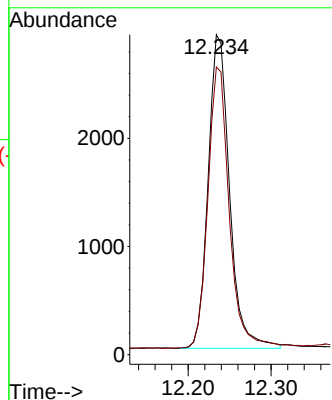
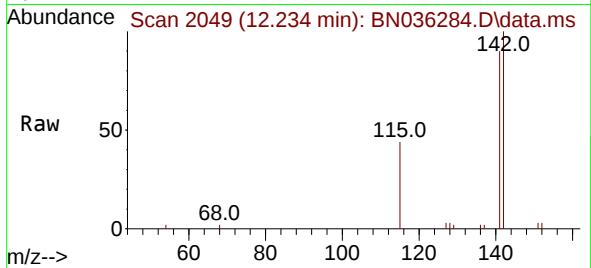




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.234 min Scan# 2049
Delta R.T. -0.010 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

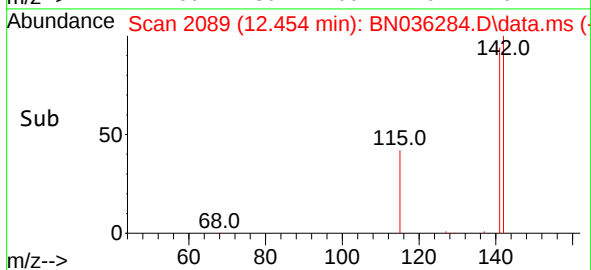
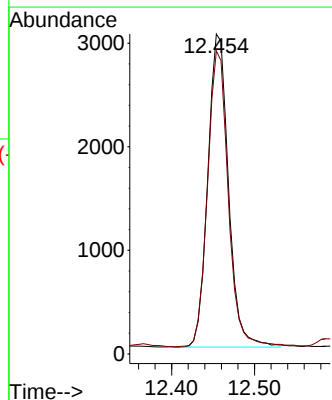
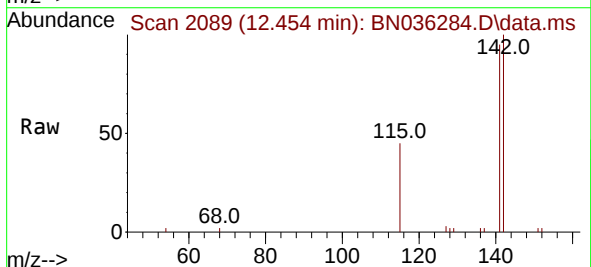
Instrument :
BNA_N
ClientSampleId :
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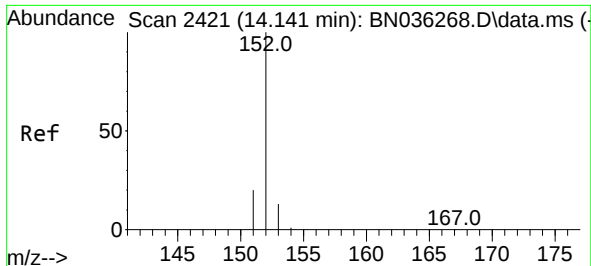
Tgt Ion:142 Resp: 5194
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.454 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:142 Resp: 5247
Ion Ratio Lower Upper
142 100
141 94.2 75.2 112.8

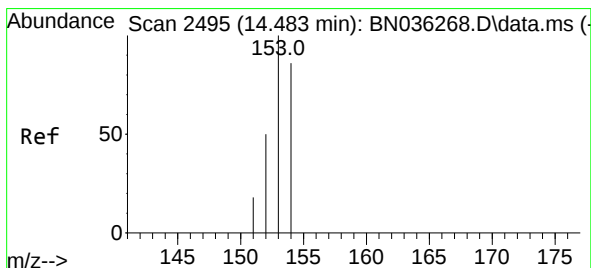
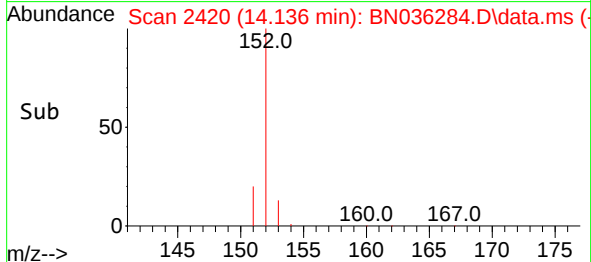
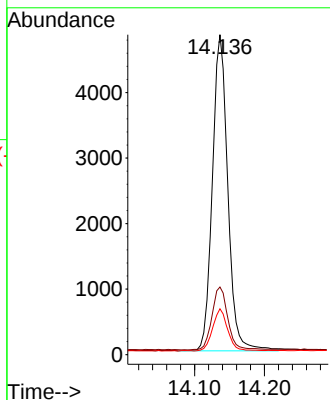
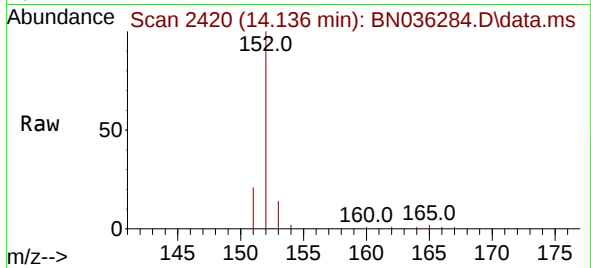




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.136 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

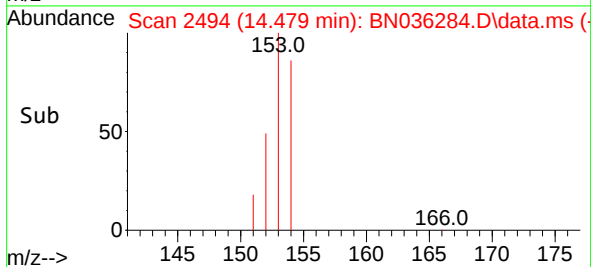
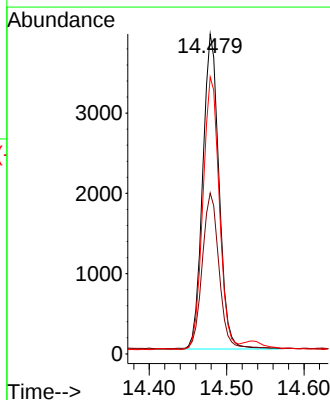
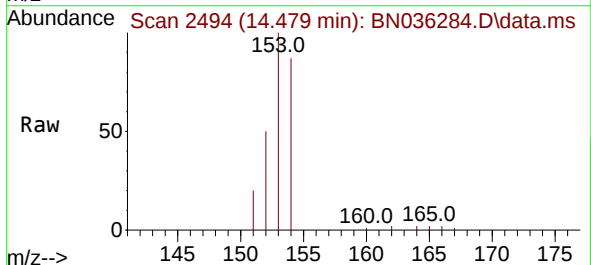
Instrument :
BNA_N
ClientSampleId :
SLCS442

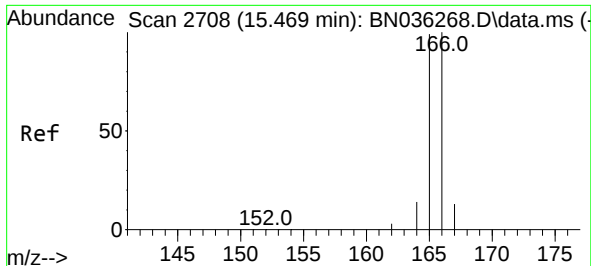
Tgt Ion:152 Resp: 7407
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.013 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:153 Resp: 5754
Ion Ratio Lower Upper
153 100
152 50.3 43.2 64.8
154 86.6 70.5 105.7

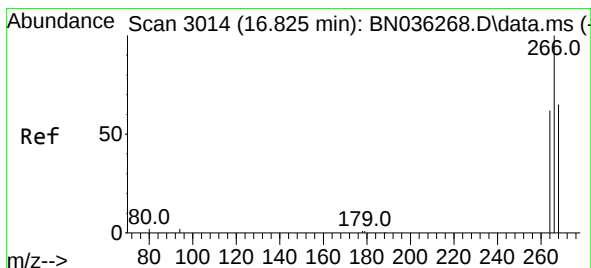
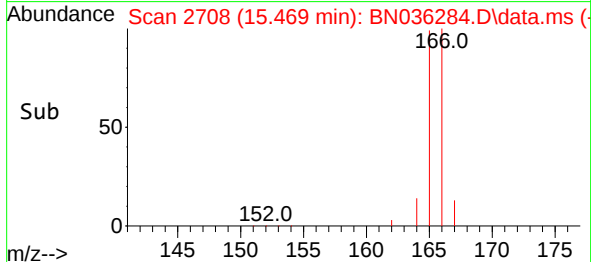
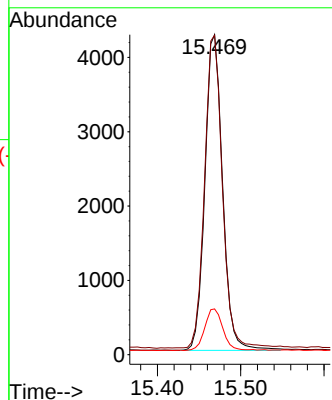
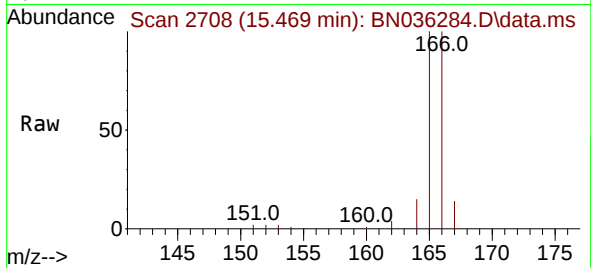




#12
 Fluorene
 Concen: 0.356 ng/ul
 RT: 15.469 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN036284.D
 Acq: 05 Feb 2025 06:07

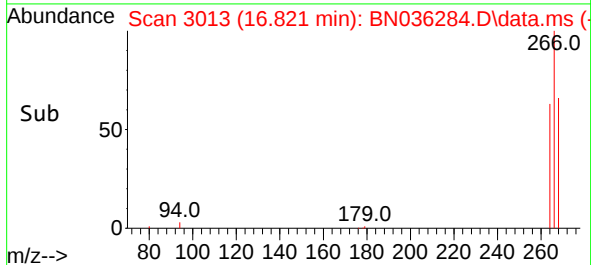
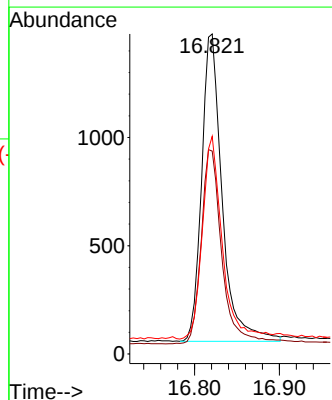
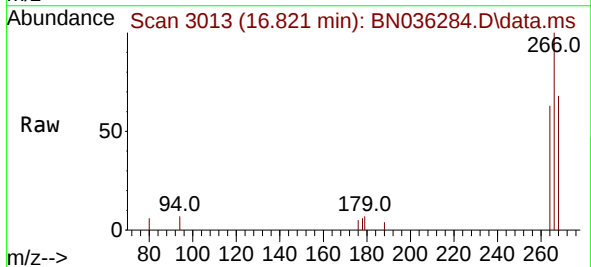
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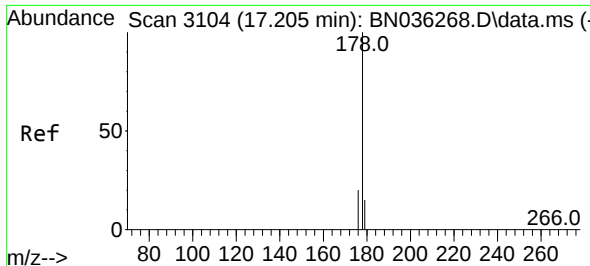
Tgt Ion:166 Resp: 6271
 Ion Ratio Lower Upper
 166 100
 165 99.9 80.3 120.5
 167 14.3 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.713 ng/ul
 RT: 16.821 min Scan# 3013
 Delta R.T. -0.008 min
 Lab File: BN036284.D
 Acq: 05 Feb 2025 06:07

Tgt Ion:266 Resp: 2384
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.6 75.8
 268 64.4 50.6 75.8

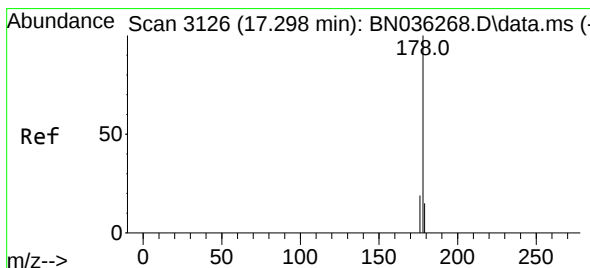
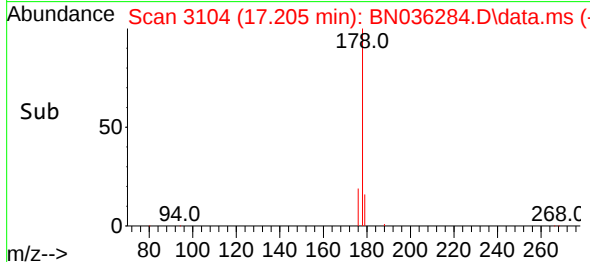
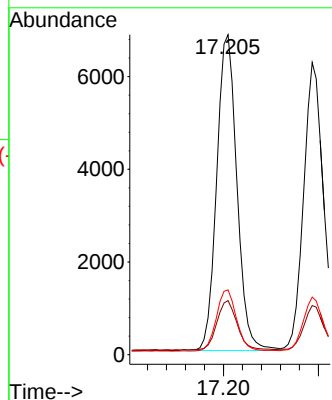
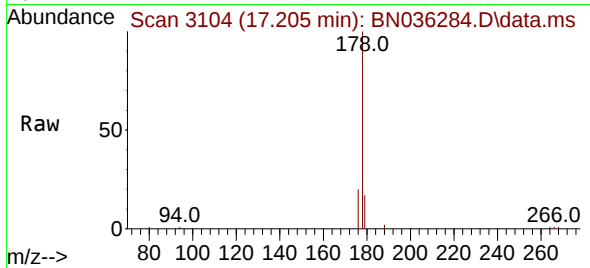




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

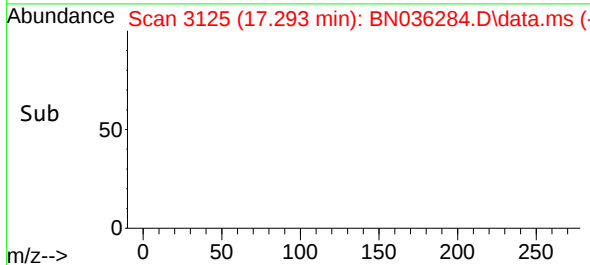
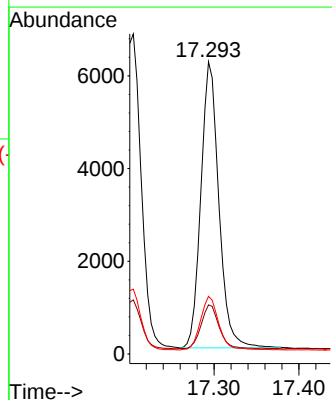
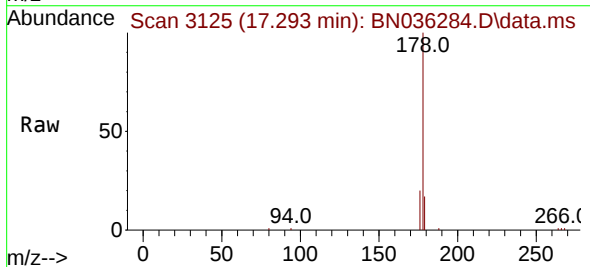
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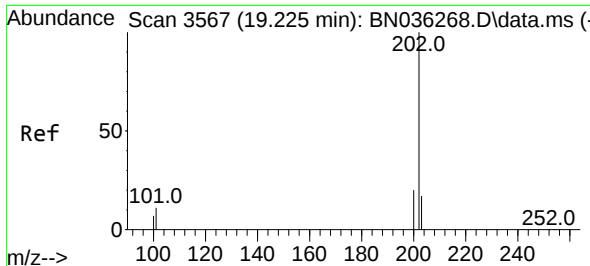
Tgt Ion:178 Resp: 10074
Ion Ratio Lower Upper
178 100
179 16.9 13.2 19.8
176 20.3 16.8 25.2



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.293 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:178 Resp: 9093
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 19.7 15.9 23.9

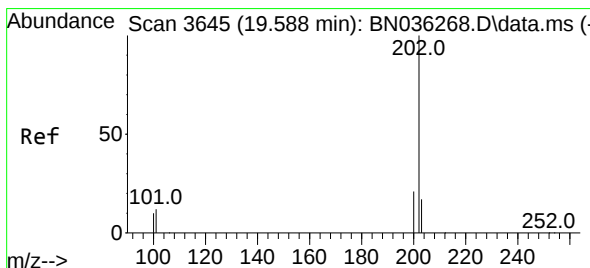
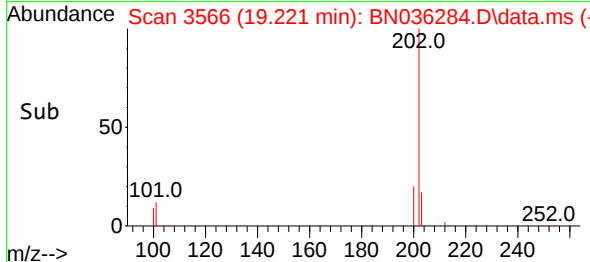
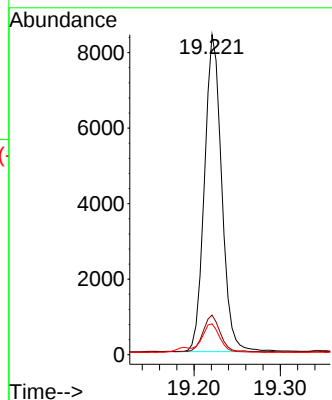
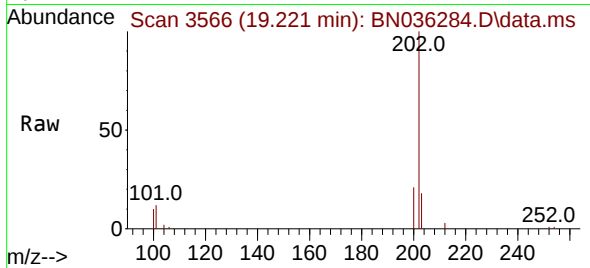




#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.221 min Scan# 3566
Delta R.T. -0.013 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

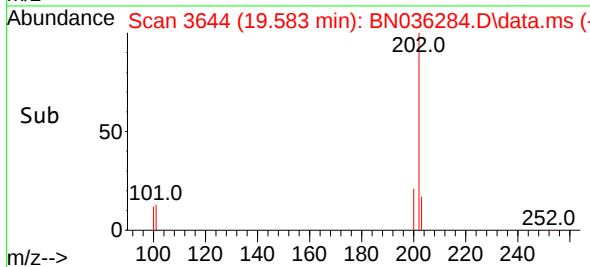
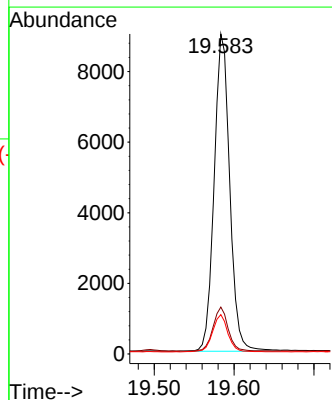
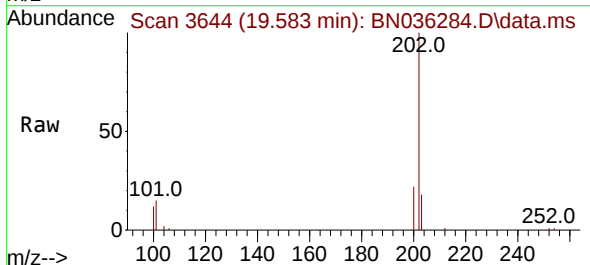
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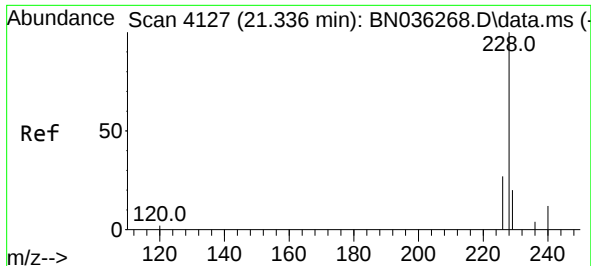
Tgt Ion:202 Resp: 11661
Ion Ratio Lower Upper
202 100
101 12.4 8.4 12.6
100 9.7 6.5 9.7



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.583 min Scan# 3644
Delta R.T. -0.013 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:202 Resp: 12174
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 12.3 7.5 11.3#

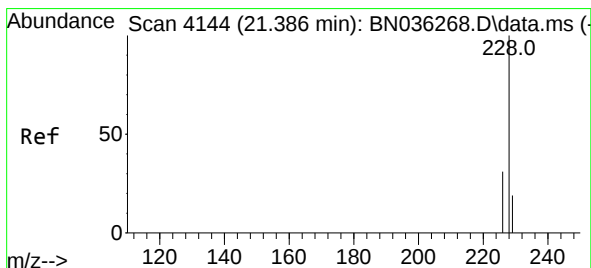
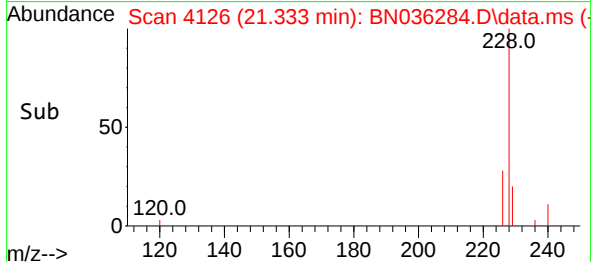
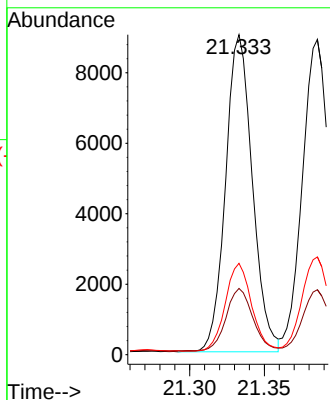
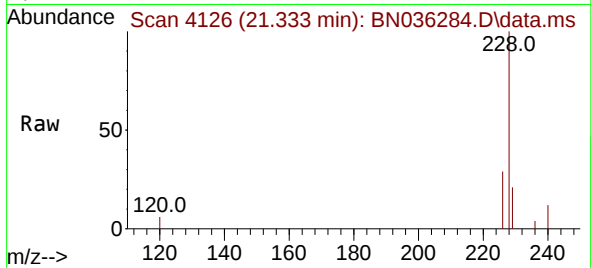




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.012 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

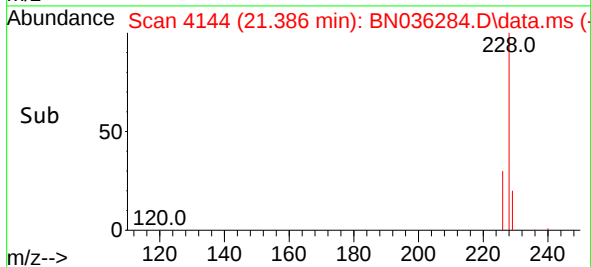
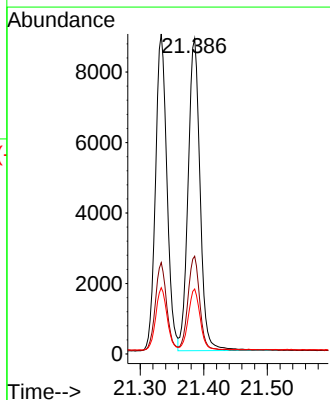
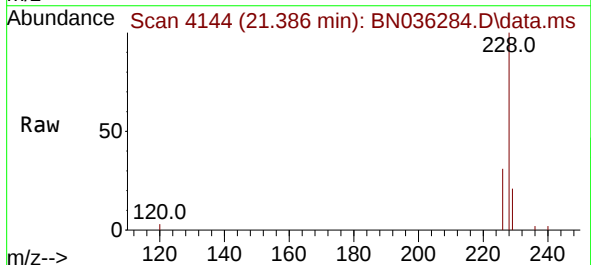
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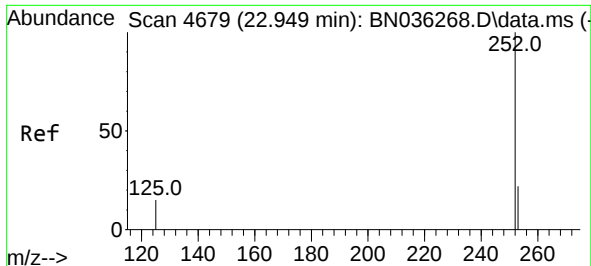
Tgt Ion:228 Resp: 11232
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.6 22.8 34.2



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.386 min Scan# 4144
Delta R.T. -0.012 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:228 Resp: 11578
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.6 15.9 23.9

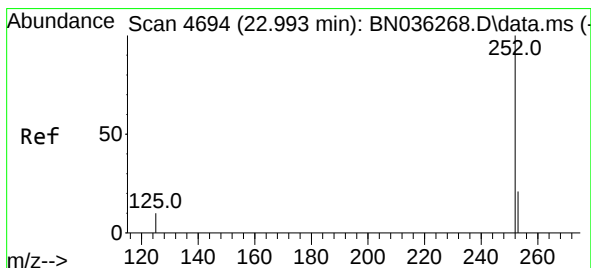
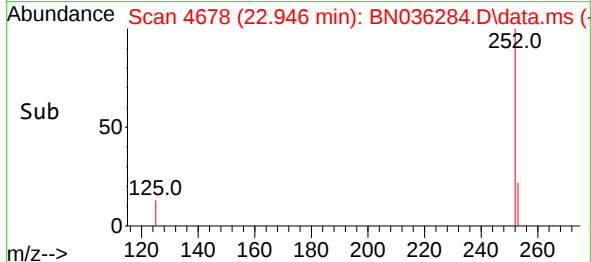
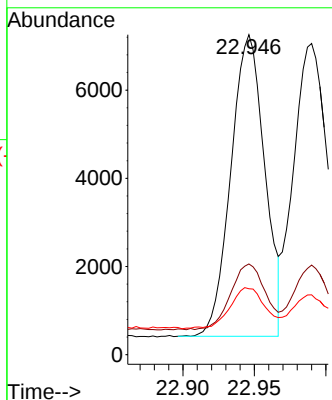
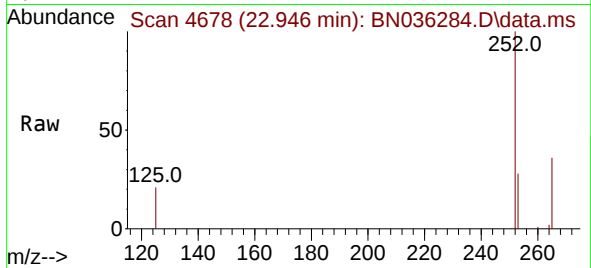




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 22.946 min Scan# 4678
Delta R.T. -0.015 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

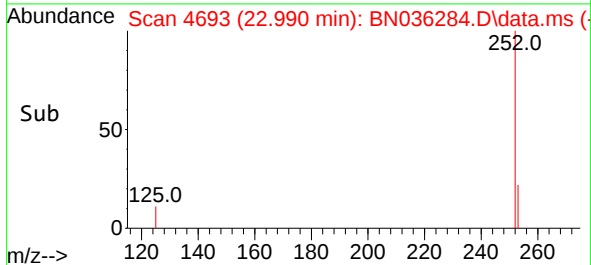
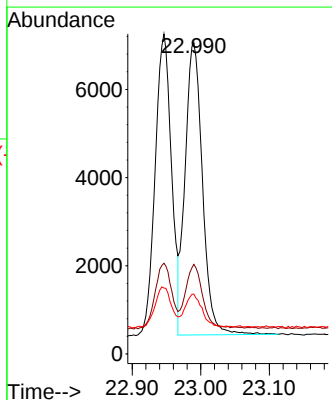
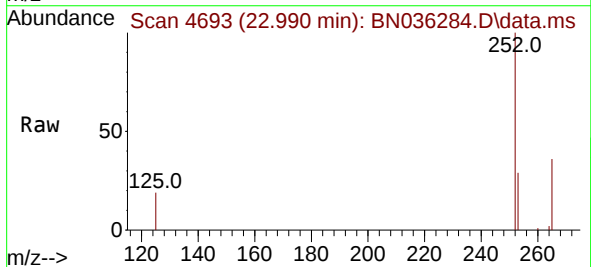
Instrument :
BNA_N
ClientSampleId :
SLCS442

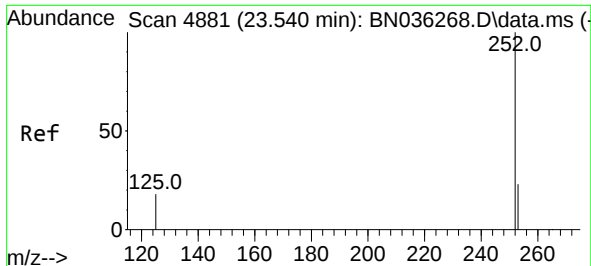
Tgt Ion:252 Resp: 11264
Ion Ratio Lower Upper
252 100
253 28.4 0.0 51.2
125 20.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 22.990 min Scan# 4693
Delta R.T. -0.018 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:252 Resp: 11638
Ion Ratio Lower Upper
252 100
253 28.8 20.2 30.4
125 19.2 10.6 16.0#

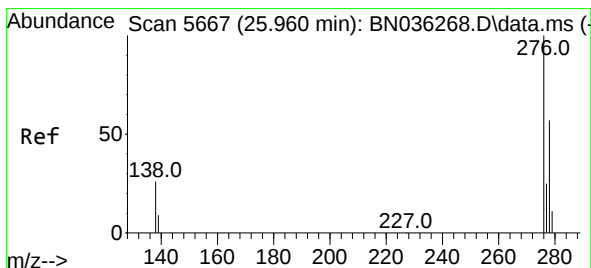
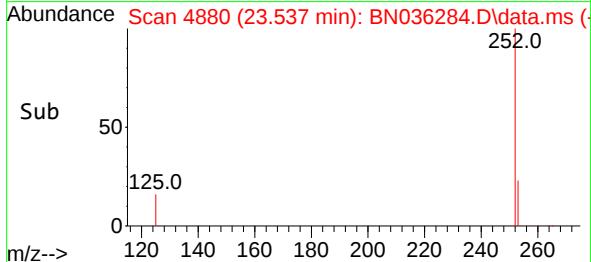
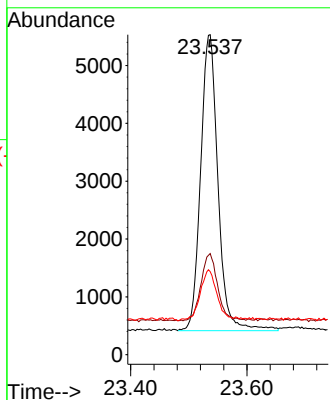
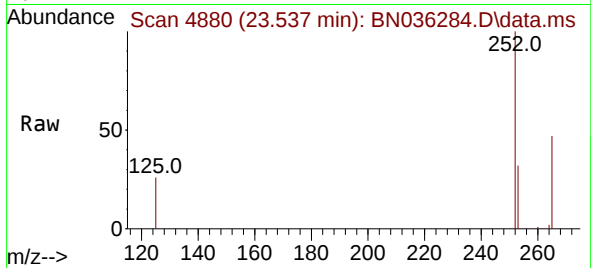




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.537 min Scan# 4881
Delta R.T. -0.018 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

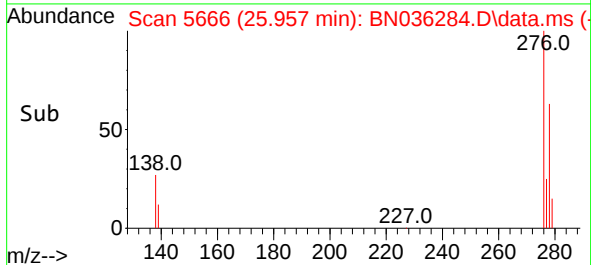
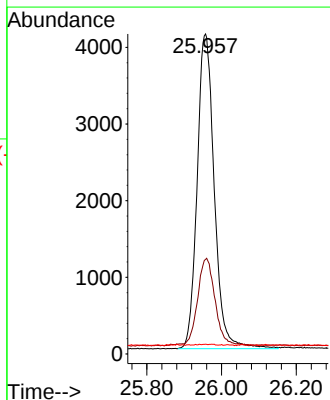
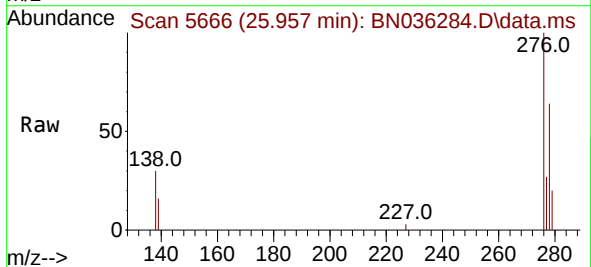
Instrument :
BNA_N
ClientSampleId :
SLCS442

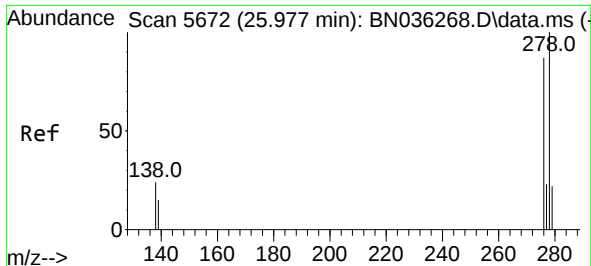
Tgt Ion:252 Resp: 10596
Ion Ratio Lower Upper
252 100
253 31.6 22.2 33.4
125 25.9 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 25.957 min Scan# 5666
Delta R.T. -0.031 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:276 Resp: 13065
Ion Ratio Lower Upper
276 100
138 28.0 20.2 30.4
227 0.1 0.1 0.1

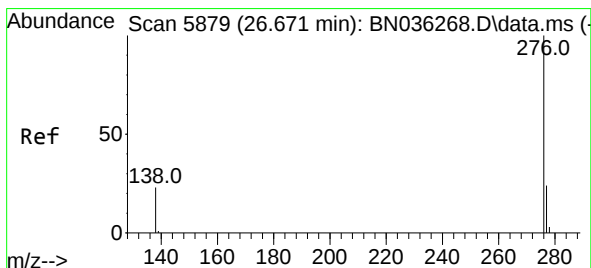
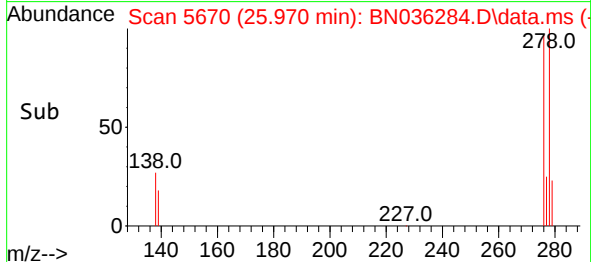
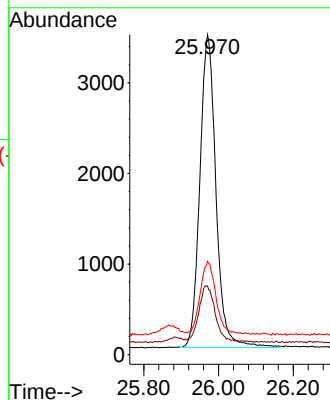
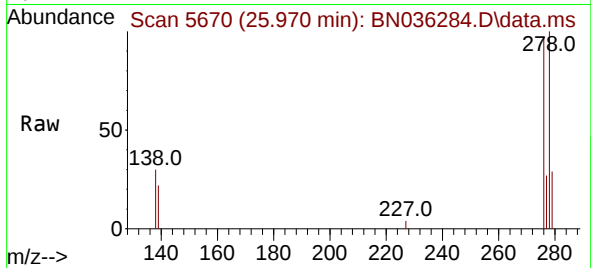




#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 25.970 min Scan# 5670
Delta R.T. -0.028 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Instrument :
BNA_N
ClientSampleId :
SLCS442

Tgt Ion:278 Resp: 10329
Ion Ratio Lower Upper
278 100
139 21.5 15.4 23.2
279 29.2 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.661 min Scan# 5876
Delta R.T. -0.041 min
Lab File: BN036284.D
Acq: 05 Feb 2025 06:07

Tgt Ion:276 Resp: 10210
Ion Ratio Lower Upper
276 100
138 27.3 19.4 29.0
277 26.8 21.1 31.7

