

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011625\
 Data File : BN035942.D
 Acq On : 16 Jan 2025 12:54
 Operator : RC/JU
 Sample : PB166063BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Quant Time: Jan 16 13:19:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 10:40:45 2025
 Response via : Initial Calibration

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

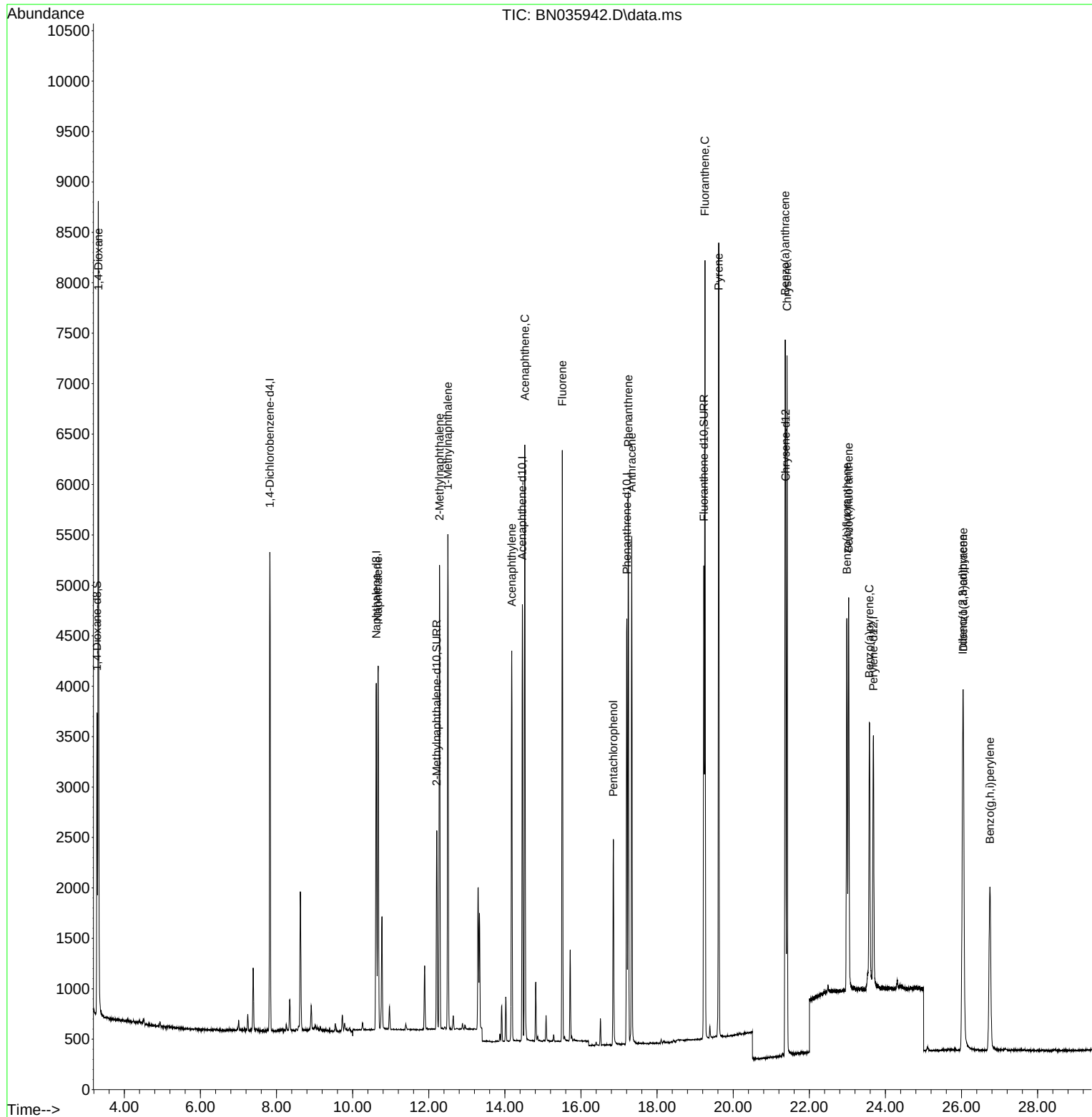
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	2292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	4492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.459	164	2329	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	4861	0.400	ng/ul	0.00
17) Chrysene-d12	21.381	240	3757	0.400	ng/ul	0.00
23) Perylene-d12	23.684	264	3423	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	1784	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	2389	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	4940	0.497	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	4920	1.955	ng/ul#	81
5) Naphthalene	10.671	128	4883	0.408	ng/ul	98
7) 2-Methylnaphthalene	12.283	142	2985	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	3014	0.394	ng/ul	99
10) Acenaphthylene	14.182	152	4320	0.396	ng/ul	98
11) Acenaphthene	14.524	153	3172	0.417	ng/ul	96
12) Fluorene	15.509	166	3491	0.428	ng/ul	98
14) Pentachlorophenol	16.853	266	1356	1.164	ng/ul	96
15) Phenanthrene	17.242	178	5685	0.424	ng/ul	99
16) Anthracene	17.335	178	5157	0.398	ng/ul	99
19) Fluoranthene	19.257	202	6358	0.486	ng/ul	98
20) Pyrene	19.620	202	6540	0.480	ng/ul	99
21) Benzo(a)anthracene	21.366	228	5361	0.417	ng/ul	100
22) Chrysene	21.416	228	5578	0.437	ng/ul	99
24) Benzo(b)fluoranthene	22.988	252	4835	0.469	ng/ul	97
25) Benzo(k)fluoranthene	23.035	252	5010	0.474	ng/ul	99
26) Benzo(a)pyrene	23.578	252	4100	0.424	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.035	276	4704	0.375	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.045	278	3688	0.373	ng/ul	98
29) Benzo(g,h,i)perylene	26.749	276	3660	0.368	ng/ul	98

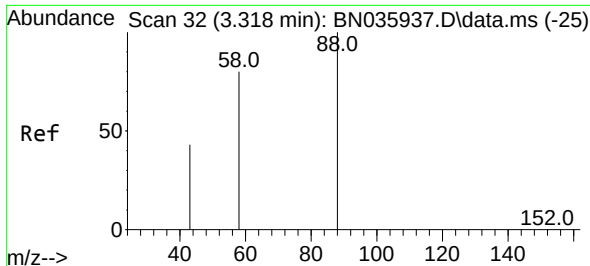
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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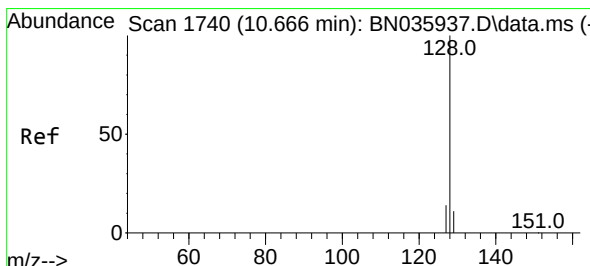
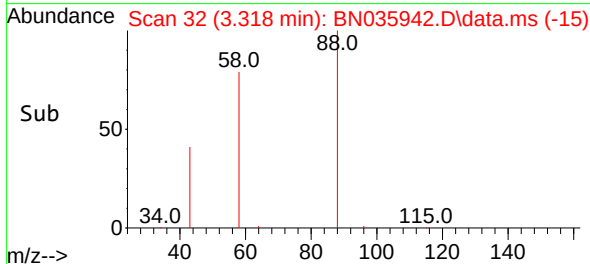
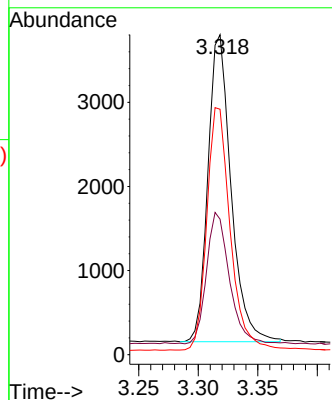
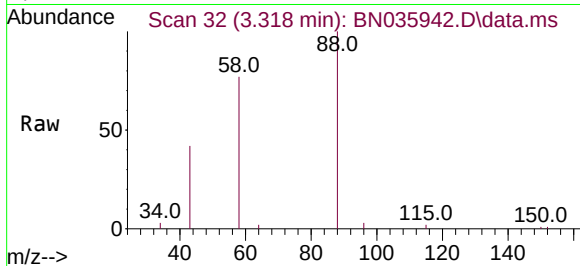




#2
 1,4-Dioxane
 Concen: 1.955 ng/ul
 RT: 3.318 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

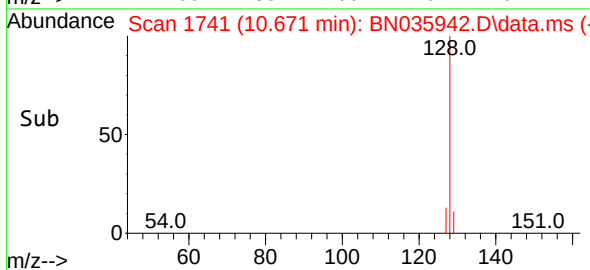
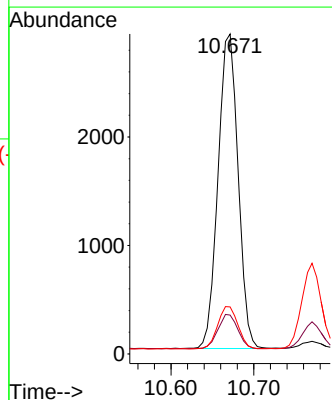
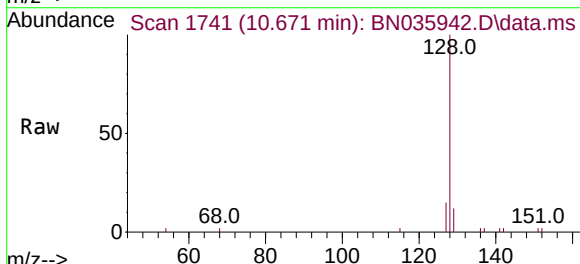
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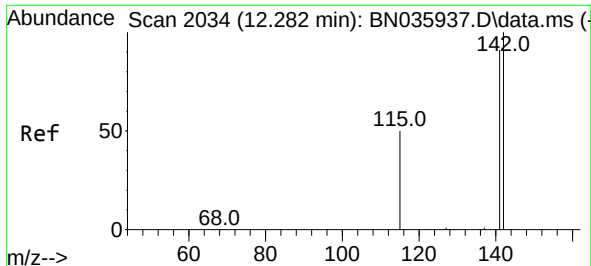
Tgt Ion: 88 Resp: 4920
 Ion Ratio Lower Upper
 88 100
 43 42.4 57.8 86.8#
 58 76.7 60.0 90.0



#5
 Naphthalene
 Concen: 0.408 ng/ul
 RT: 10.671 min Scan# 1741
 Delta R.T. 0.000 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

Tgt Ion: 128 Resp: 4883
 Ion Ratio Lower Upper
 128 100
 129 12.1 10.6 16.0
 127 14.7 12.0 18.0

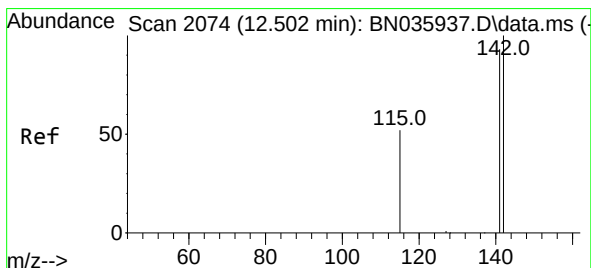
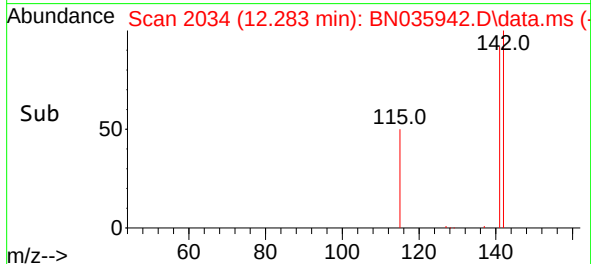
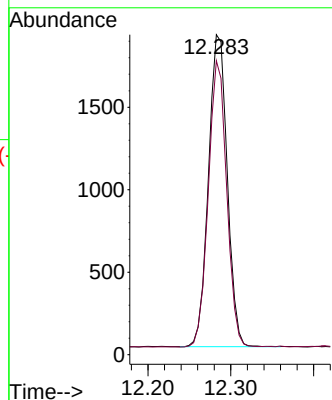
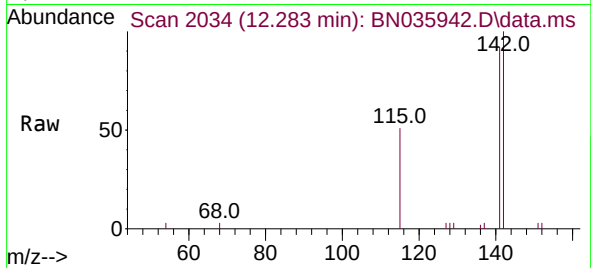




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.283 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

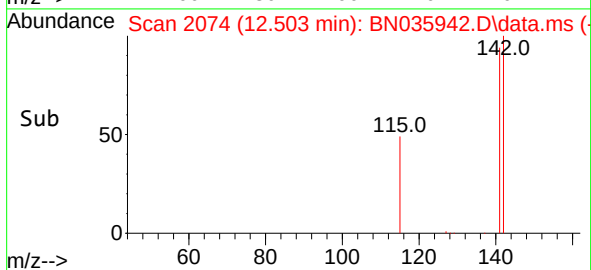
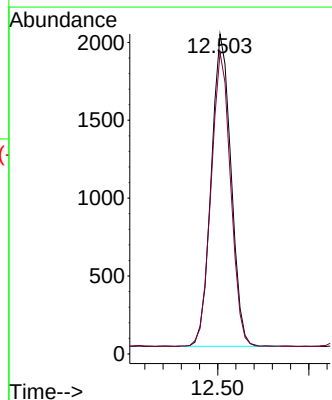
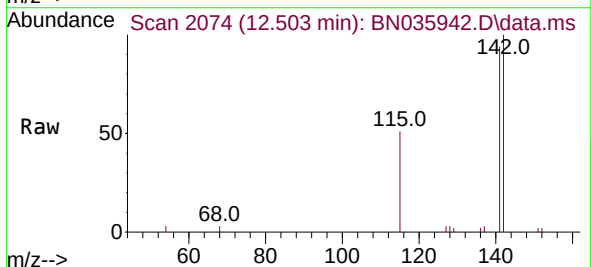
Instrument :
BNA_N
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SLCS063

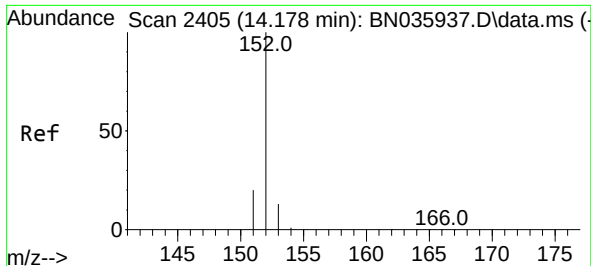
Tgt Ion:142 Resp: 2985
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.503 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:142 Resp: 3014
Ion Ratio Lower Upper
142 100
141 93.2 75.1 112.7

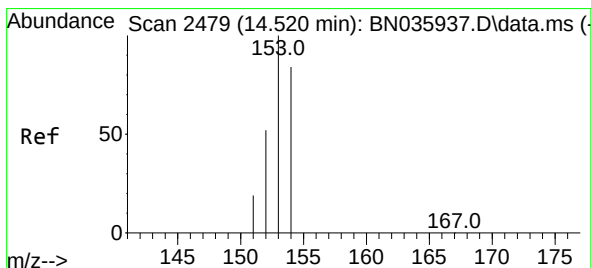
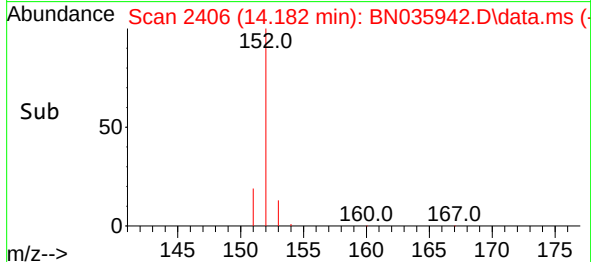
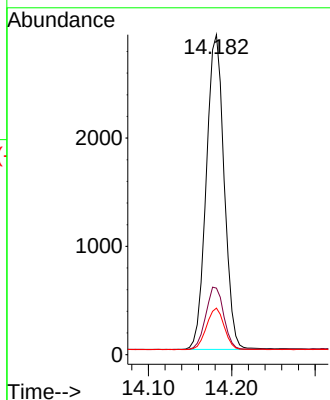
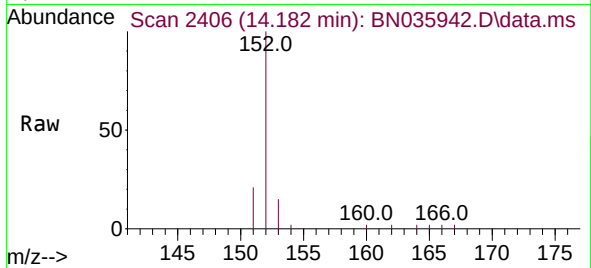




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.182 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

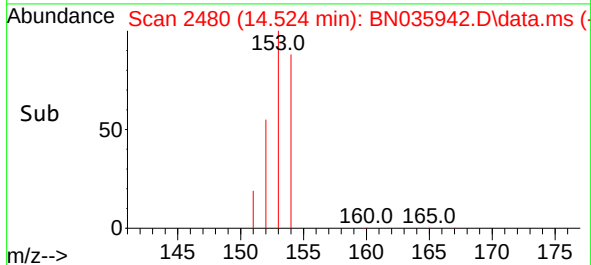
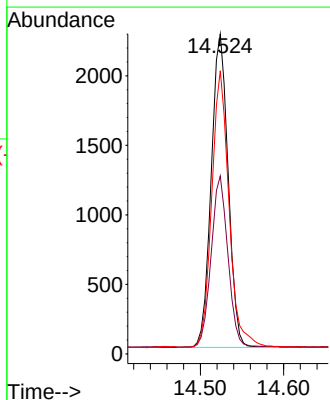
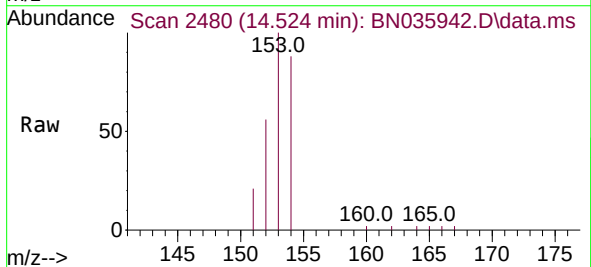
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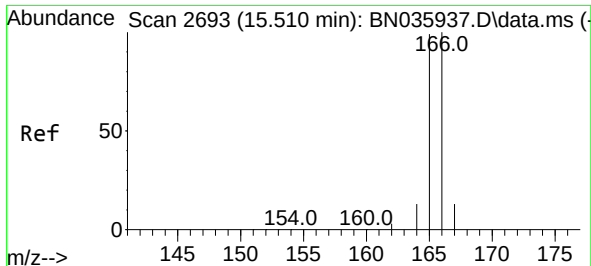
Tgt Ion:152 Resp: 4320
Ion Ratio Lower Upper
152 100
151 20.8 17.8 26.6
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.524 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:153 Resp: 3172
Ion Ratio Lower Upper
153 100
152 55.6 40.6 60.8
154 88.5 69.4 104.0

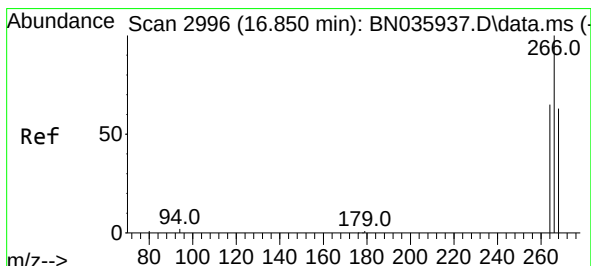
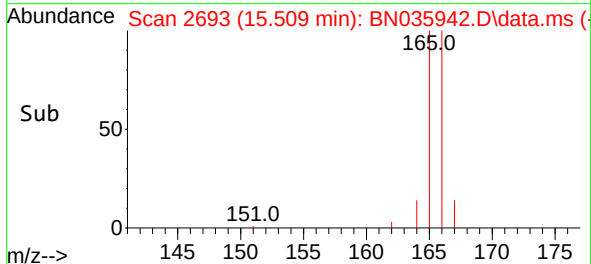
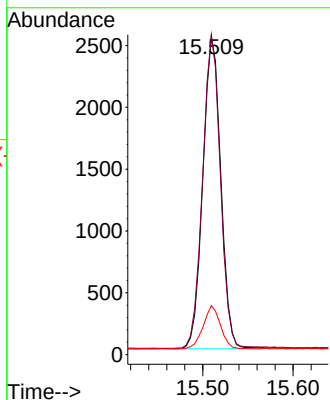
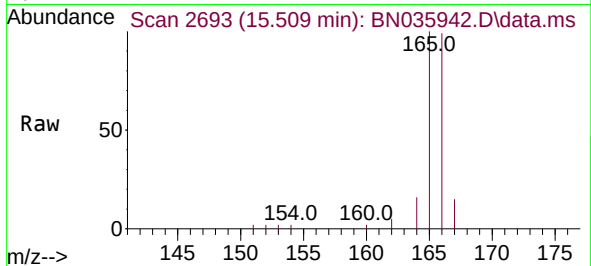




#12
 Fluorene
 Concen: 0.428 ng/ul
 RT: 15.509 min Scan# 2693
 Delta R.T. 0.000 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

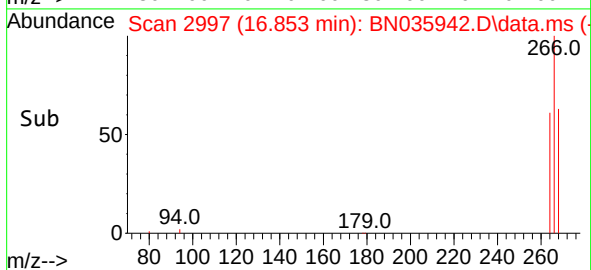
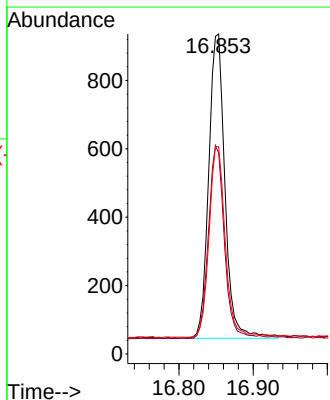
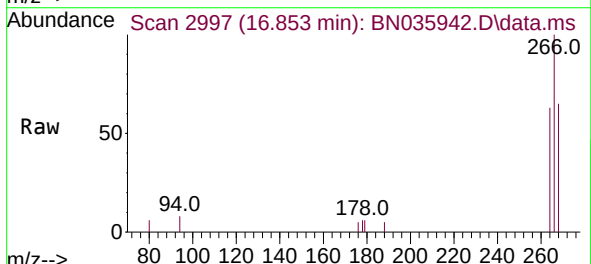
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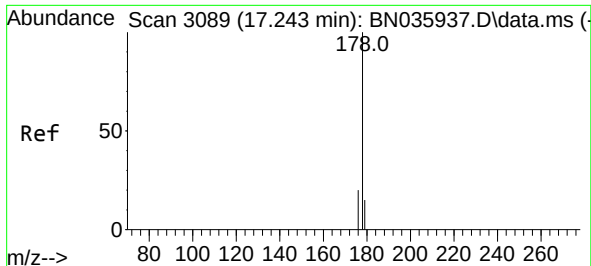
Tgt Ion:	166	Resp:	3491
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.6
167	15.4	12.2	18.4



#14
 Pentachlorophenol
 Concen: 1.164 ng/ul
 RT: 16.853 min Scan# 2997
 Delta R.T. 0.004 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

Tgt Ion:	266	Resp:	1356
Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.1	75.1
268	63.1	55.5	83.3

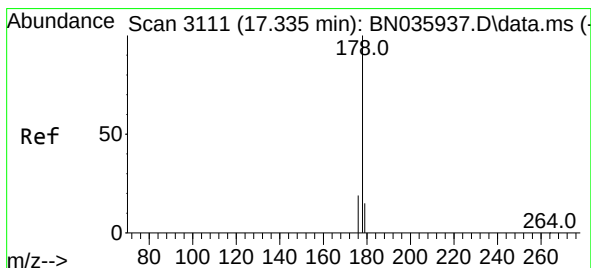
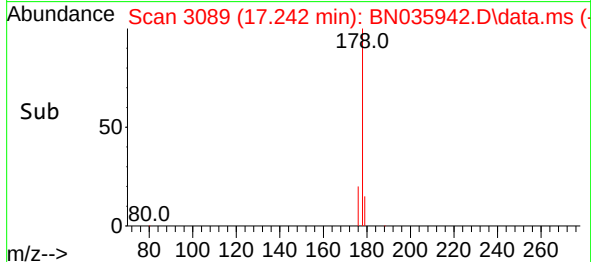
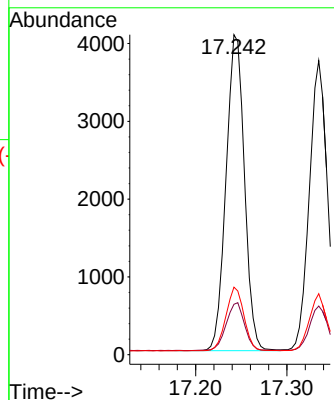
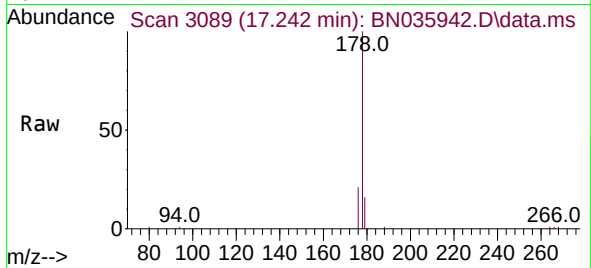




#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 17.242 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

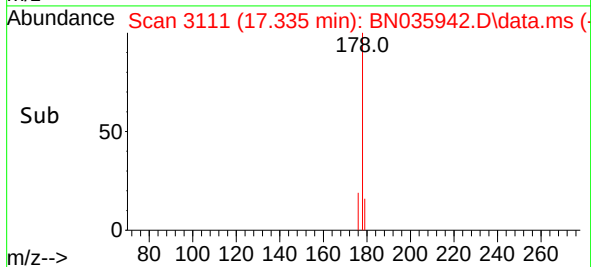
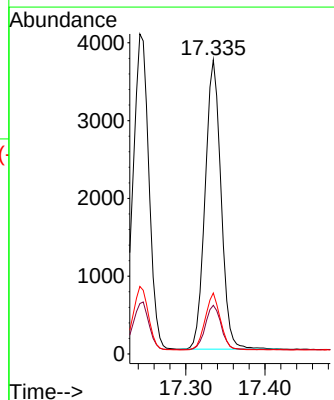
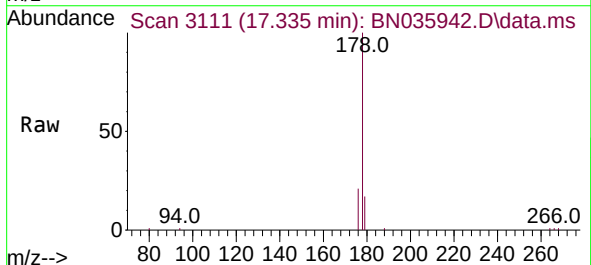
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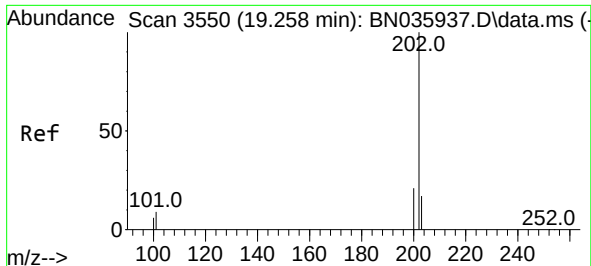
Tgt Ion:178 Resp: 5685
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.0
176 21.1 16.8 25.2



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.335 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:178 Resp: 5157
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.8
176 20.8 16.3 24.5

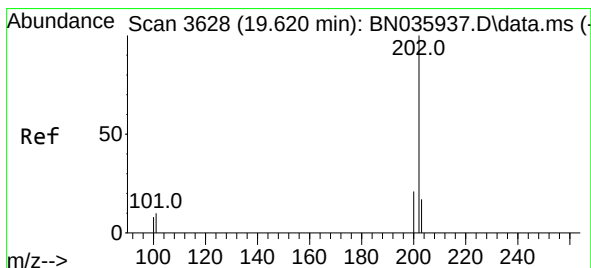
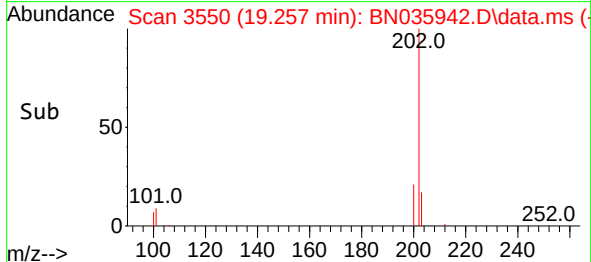
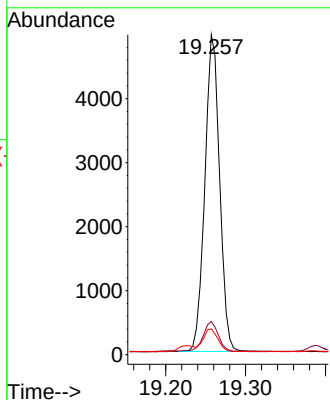
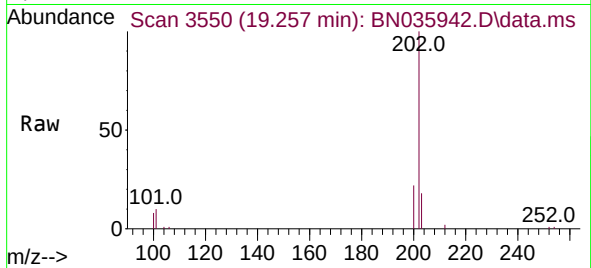




#19
Fluoranthene
Concen: 0.486 ng/u1
RT: 19.257 min Scan# 3550
Delta R.T. 0.001 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

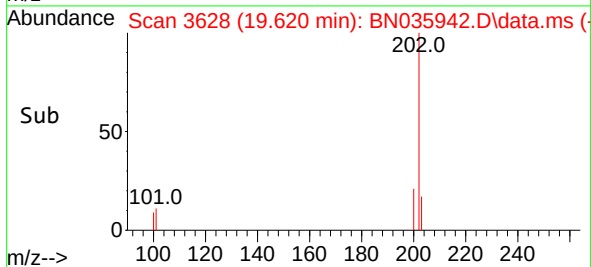
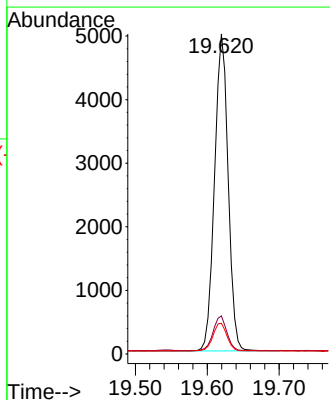
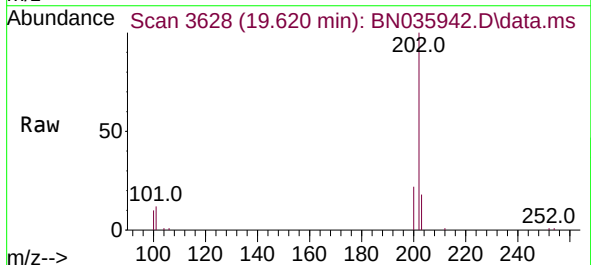
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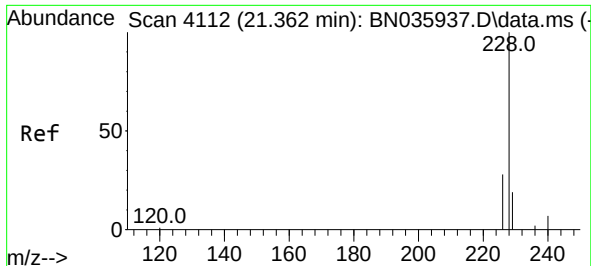
Tgt Ion:202 Resp: 6358
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 8.0 7.1 10.7



#20
Pyrene
Concen: 0.480 ng/u1
RT: 19.620 min Scan# 3628
Delta R.T. 0.001 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:202 Resp: 6540
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.6 8.2 12.2

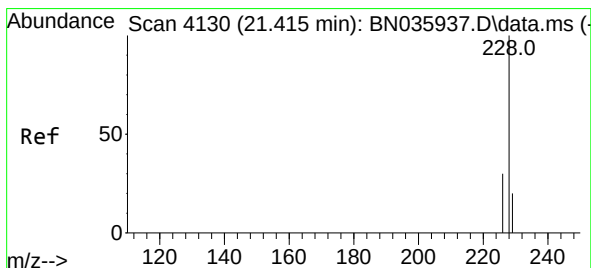
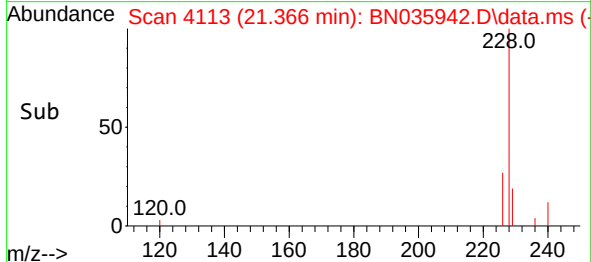
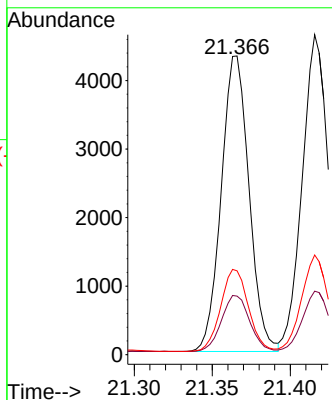
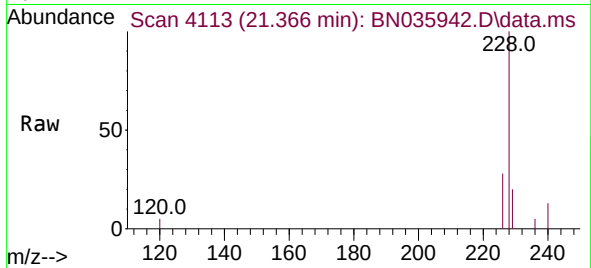




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.366 min Scan# 4112
Delta R.T. 0.003 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

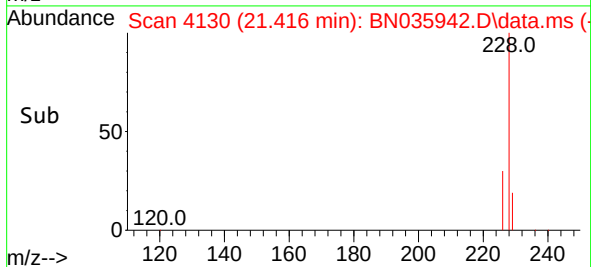
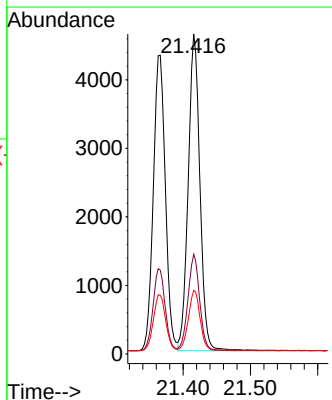
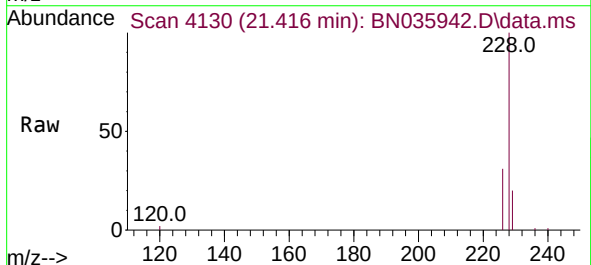
Instrument :
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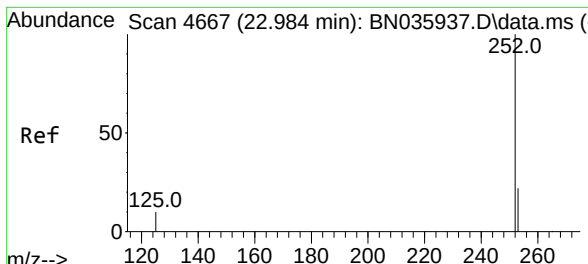
Tgt Ion:228 Resp: 5361
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 28.1 22.4 33.6



#22
Chrysene
Concen: 0.437 ng/ul
RT: 21.416 min Scan# 4130
Delta R.T. 0.001 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:228 Resp: 5578
Ion Ratio Lower Upper
228 100
226 31.1 25.3 37.9
229 19.9 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.469 ng/ul

RT: 22.988 min Scan# 4668

Delta R.T. 0.001 min

Lab File: BN035942.D

Acq: 16 Jan 2025 12:54

Instrument :

BNA_N

ClientSampleId :

SLCS063

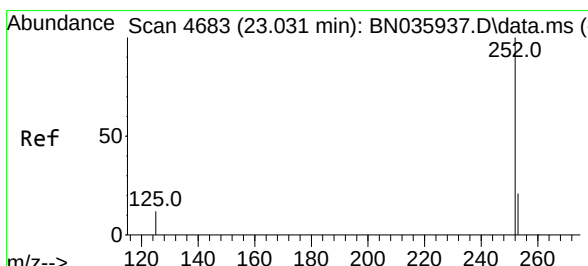
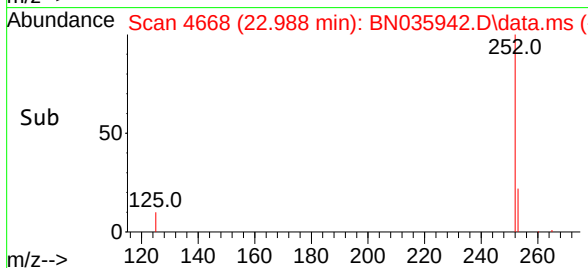
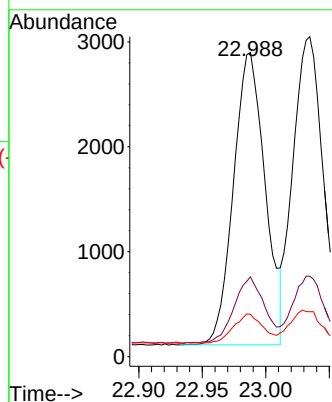
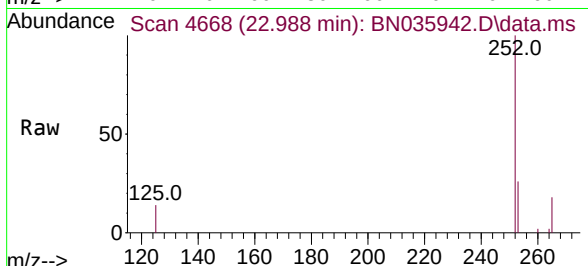
Tgt Ion:252 Resp: 4835

Ion Ratio Lower Upper

252 100

253 26.2 0.0 49.4

125 13.9 0.0 26.4



#25

Benzo(k)fluoranthene

Concen: 0.474 ng/ul

RT: 23.035 min Scan# 4684

Delta R.T. 0.003 min

Lab File: BN035942.D

Acq: 16 Jan 2025 12:54

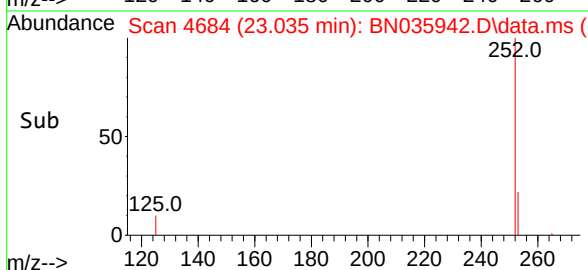
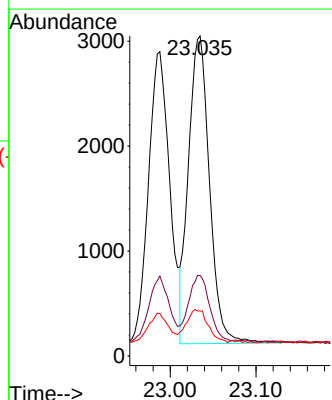
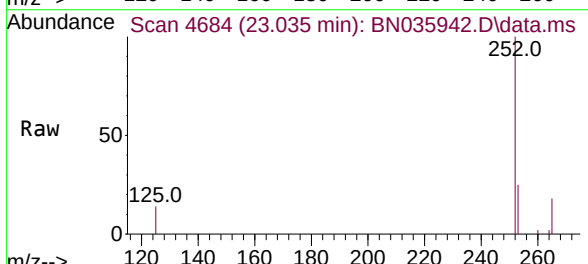
Tgt Ion:252 Resp: 5010

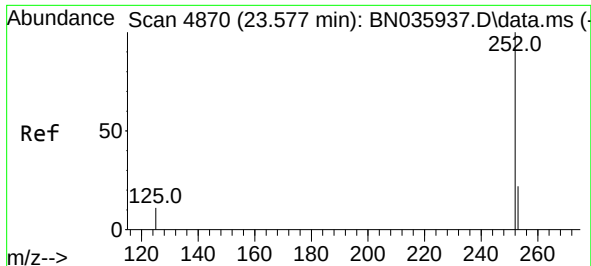
Ion Ratio Lower Upper

252 100

253 25.1 19.8 29.8

125 14.0 11.4 17.0

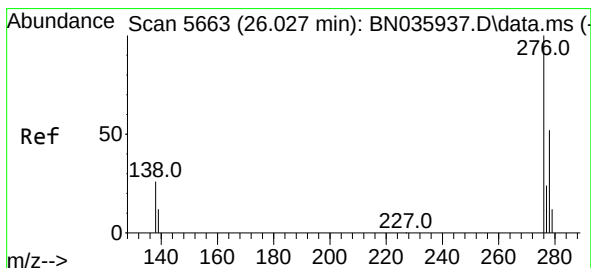
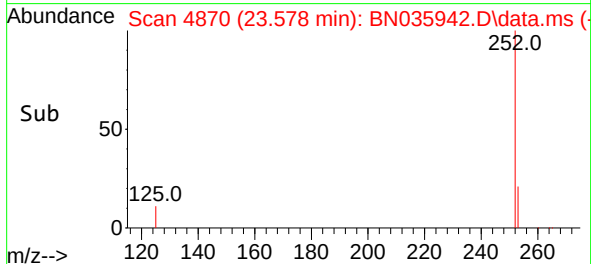
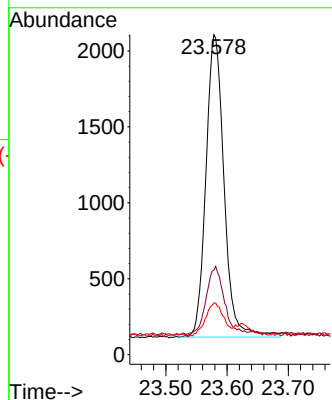
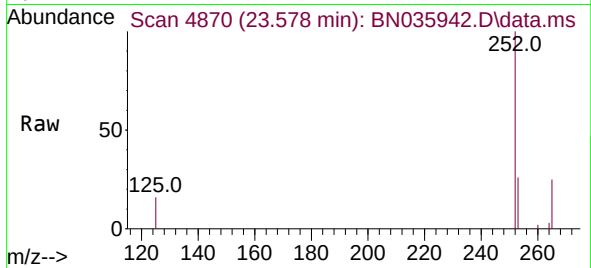




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.578 min Scan# 4870
Delta R.T. 0.001 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

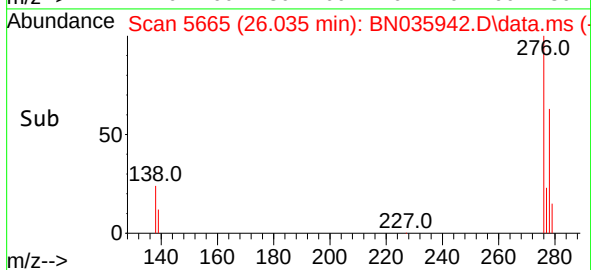
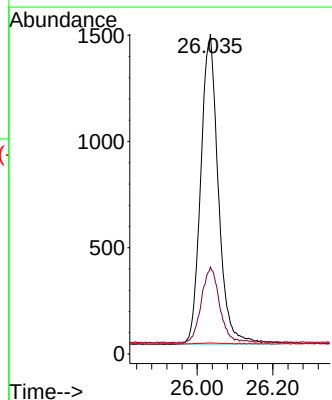
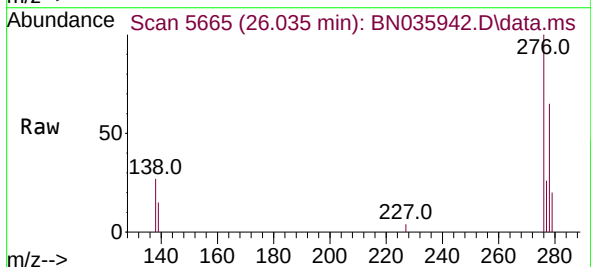
Instrument :
BNA_N
ClientSampleId :
SLCS063

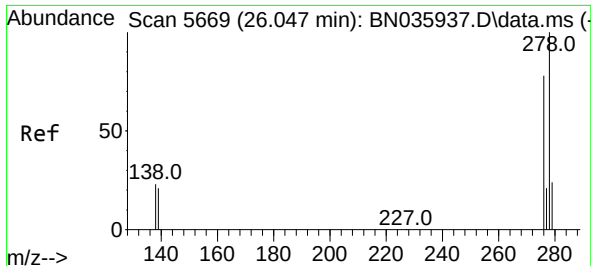
Tgt Ion:252 Resp: 4100
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.4
125 16.2 12.2 18.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.035 min Scan# 5665
Delta R.T. 0.007 min
Lab File: BN035942.D
Acq: 16 Jan 2025 12:54

Tgt Ion:276 Resp: 4704
Ion Ratio Lower Upper
276 100
138 25.1 0.1 0.1#
227 0.2 0.0 0.0#

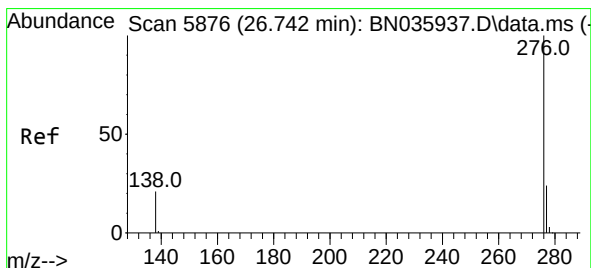
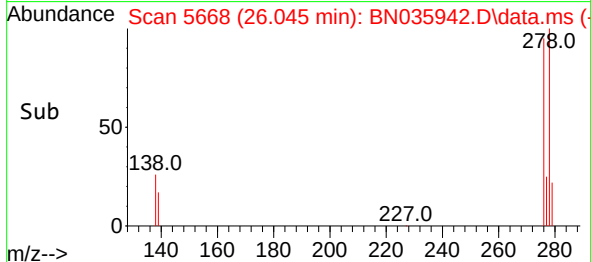
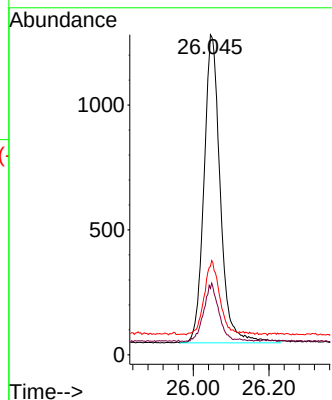
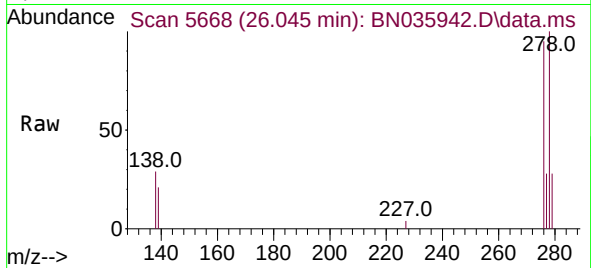




#28
 Dibenzo(a,h)anthracene
 Concen: 0.373 ng/ul
 RT: 26.045 min Scan# 5668
 Delta R.T. -0.003 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Tgt Ion:278 Resp: 3688
 Ion Ratio Lower Upper
 278 100
 139 20.7 15.5 23.3
 279 27.6 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.368 ng/ul
 RT: 26.749 min Scan# 5878
 Delta R.T. 0.011 min
 Lab File: BN035942.D
 Acq: 16 Jan 2025 12:54

Tgt Ion:276 Resp: 3660
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.9 29.9
 277 27.3 21.0 31.6

