

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035547.D
 Acq On : 11 Dec 2024 00:30
 Operator : RC/JU
 Sample : PB165439BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS439

Quant Time: Dec 11 00:57:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

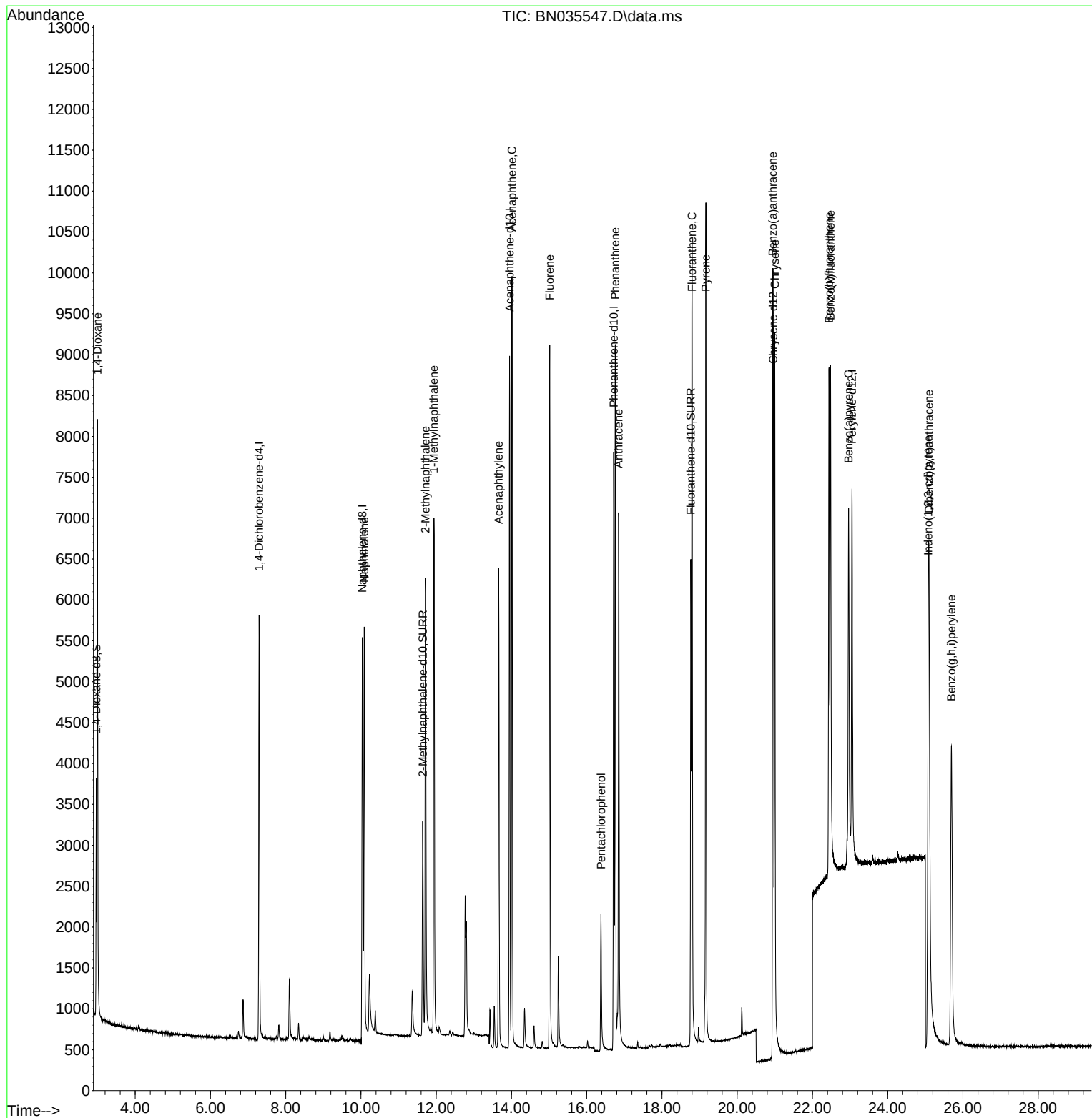
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2685	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7128	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4572	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9034	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	5892	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	6150	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1810	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	3899	0.373	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	7240	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	5045	1.894	ng/ul	90
5) Naphthalene	10.086	128	6723	0.374	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	4410	0.354	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	4607	0.366	ng/ul	99
10) Acenaphthylene	13.662	152	6653	0.367	ng/ul	99
11) Acenaphthene	14.014	153	5238	0.377	ng/ul	99
12) Fluorene	15.017	166	5786	0.355	ng/ul	99
14) Pentachlorophenol	16.379	266	1328	0.631	ng/ul	98
15) Phenanthrene	16.759	178	8999	0.377	ng/ul	100
16) Anthracene	16.848	178	7659	0.346	ng/ul	100
19) Fluoranthene	18.800	202	8950	0.436	ng/ul#	96
20) Pyrene	19.167	202	9302	0.436	ng/ul#	94
21) Benzo(a)anthracene	20.947	228	7264	0.355	ng/ul	98
22) Chrysene	20.999	228	8447	0.411	ng/ul	99
24) Benzo(b)fluoranthene	22.440	252	7802	0.384	ng/ul	96
25) Benzo(k)fluoranthene	22.481	252	8835	0.422	ng/ul#	97
26) Benzo(a)pyrene	22.960	252	7124	0.383	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.077	276	10435	0.416	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.098	278	7211	0.367	ng/ul#	97
29) Benzo(g,h,i)perylene	25.695	276	7995	0.404	ng/ul#	95

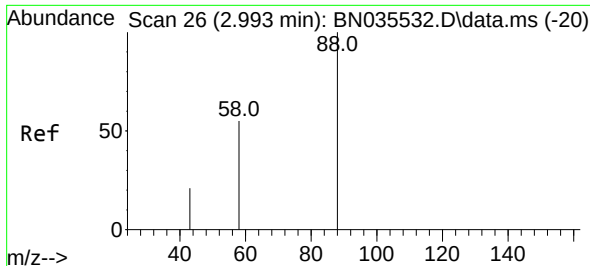
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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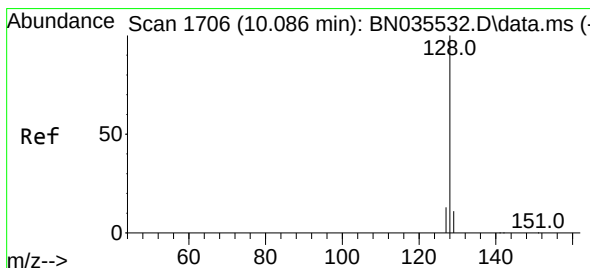
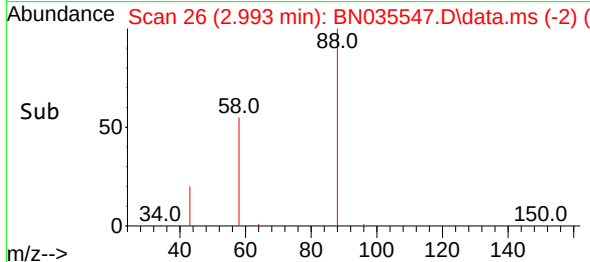
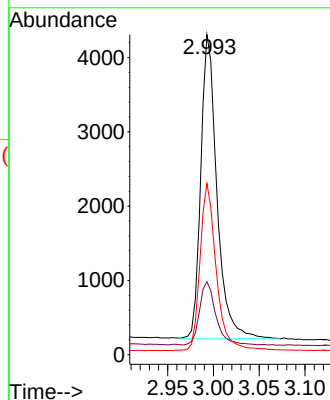
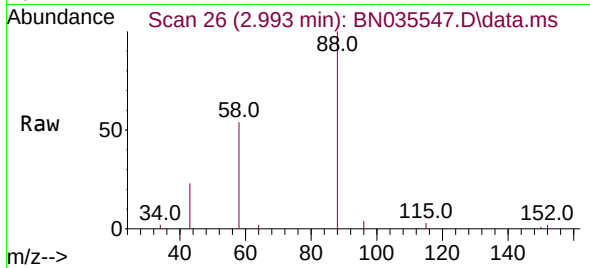




#2
1,4-Dioxane
Concen: 1.894 ng/ul
RT: 2.993 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

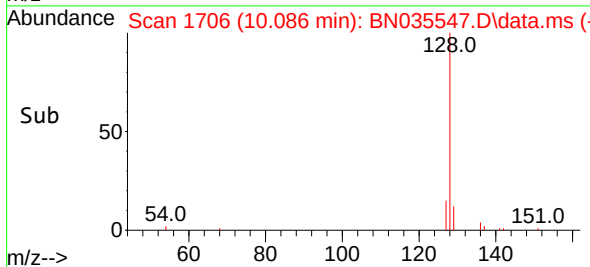
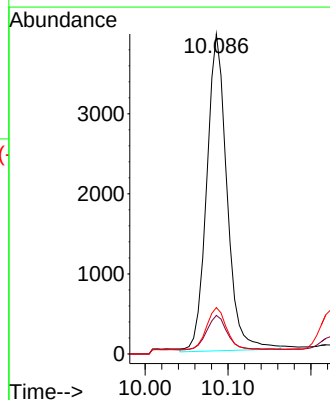
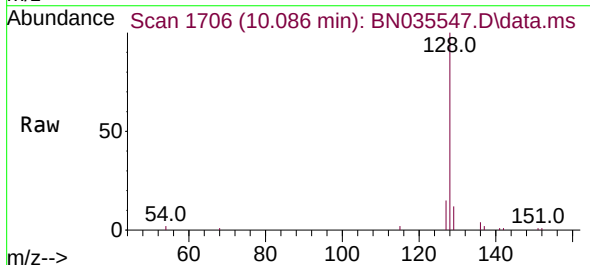
Instrument :
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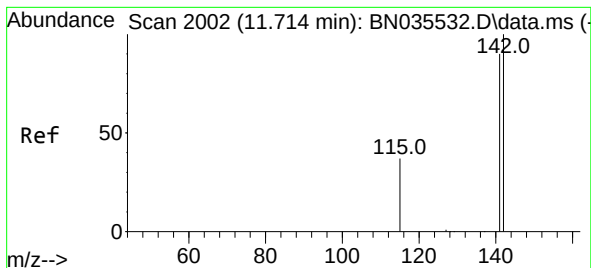
Tgt Ion: 88 Resp: 5045
Ion Ratio Lower Upper
88 100
43 22.8 20.6 31.0
58 53.5 36.2 54.4



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:128 Resp: 6723
Ion Ratio Lower Upper
128 100
129 12.1 9.9 14.9
127 14.5 11.4 17.2

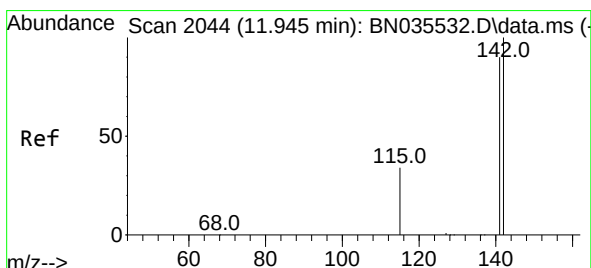
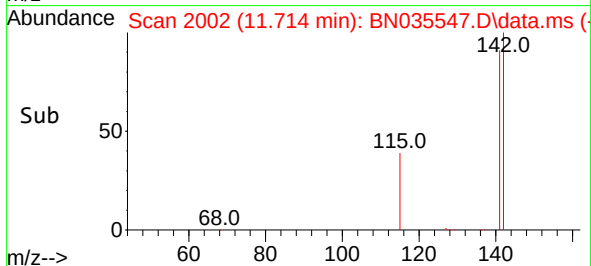
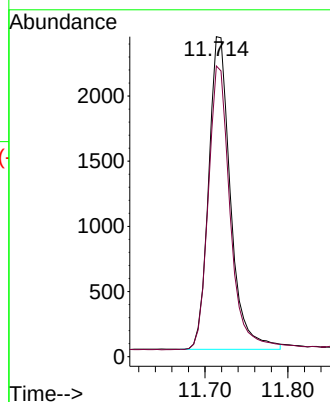
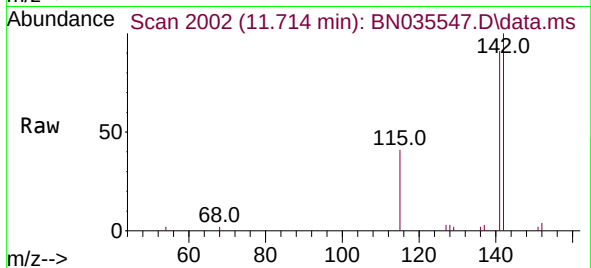




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

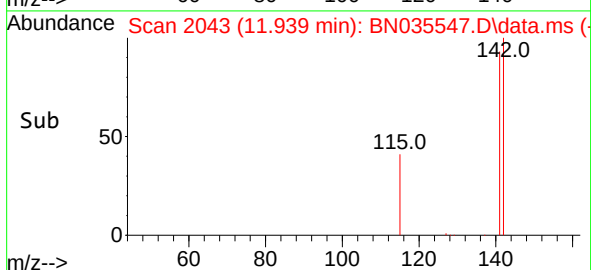
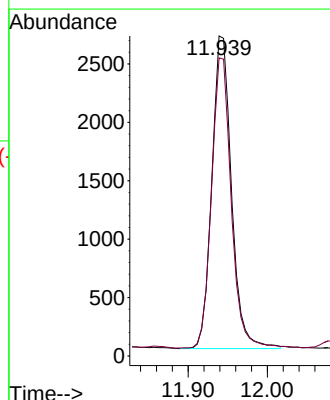
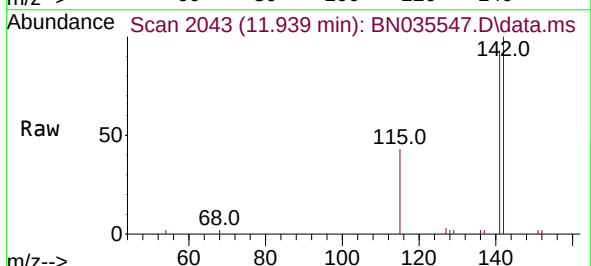
Instrument :
BNA_N
ClientSampleId :
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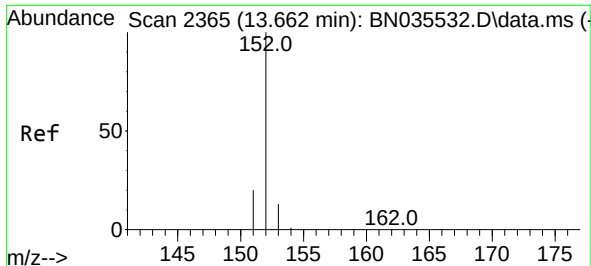
Tgt Ion:142 Resp: 4410
Ion Ratio Lower Upper
142 100
141 90.6 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:142 Resp: 4607
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7

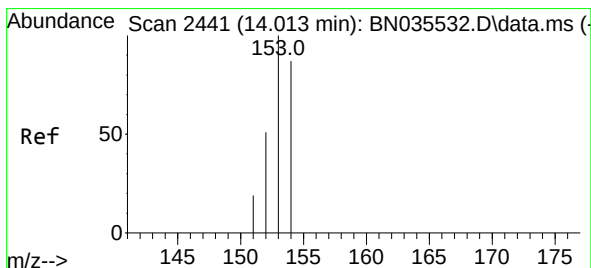
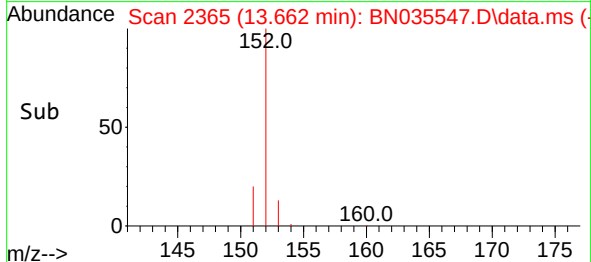
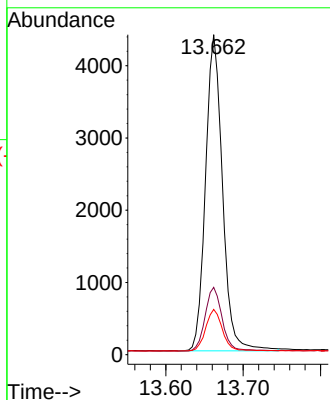
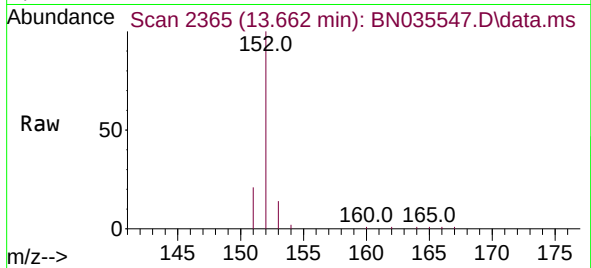




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

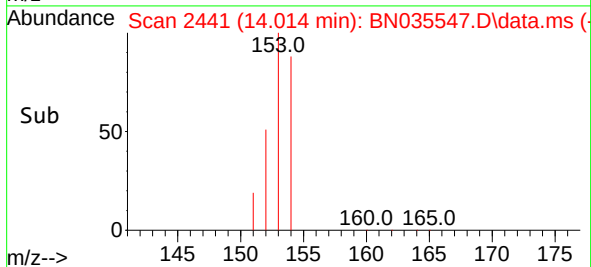
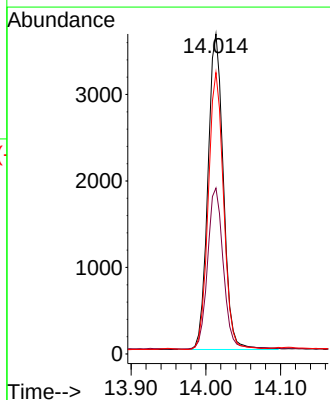
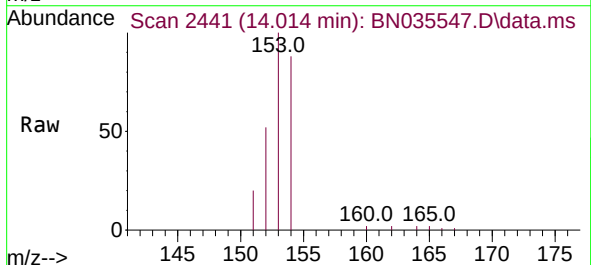
Instrument :
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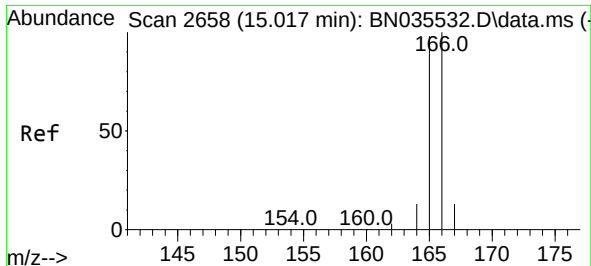
Tgt Ion:152 Resp: 6653
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:153 Resp: 5238
Ion Ratio Lower Upper
153 100
152 51.9 41.4 62.0
154 88.0 71.2 106.8

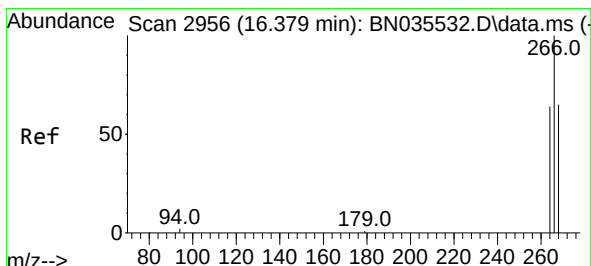
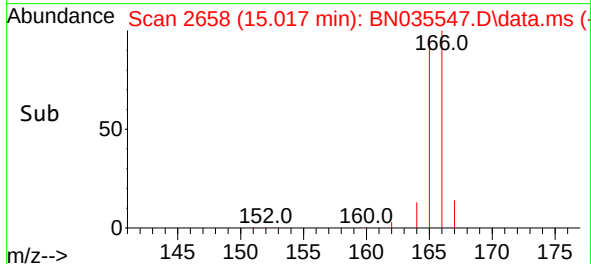
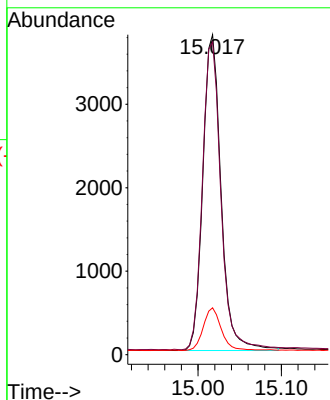
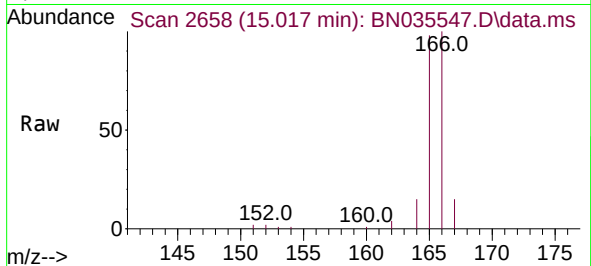




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.017 min Scan# 2658
 Delta R.T. 0.000 min
 Lab File: BN035547.D
 Acq: 11 Dec 2024 00:30

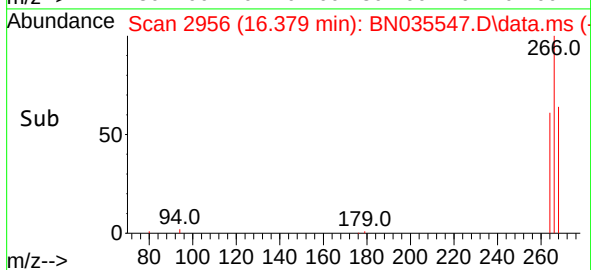
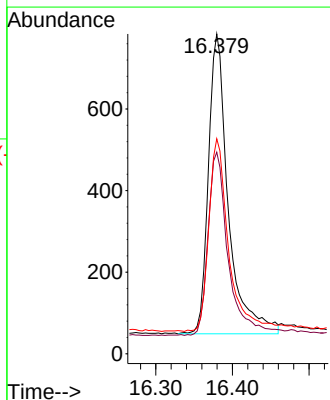
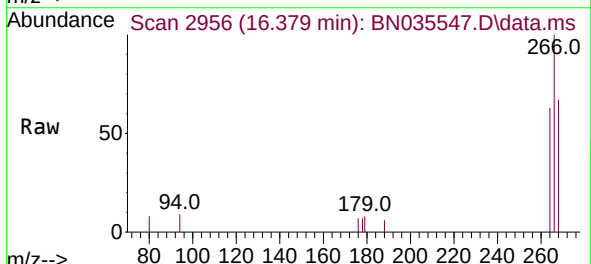
Instrument :
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 ClientSampleId :
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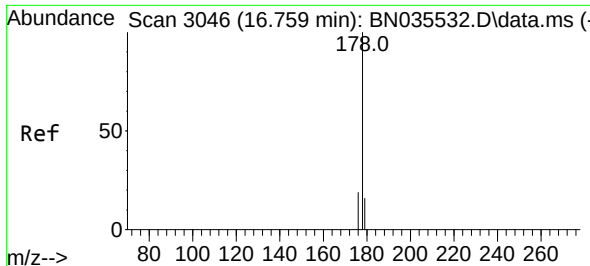
Tgt Ion:166 Resp: 5786
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.6 118.0
 167 14.6 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.631 ng/ul
 RT: 16.379 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035547.D
 Acq: 11 Dec 2024 00:30

Tgt Ion:266 Resp: 1328
 Ion Ratio Lower Upper
 266 100
 264 62.3 51.8 77.6
 268 64.3 51.3 76.9

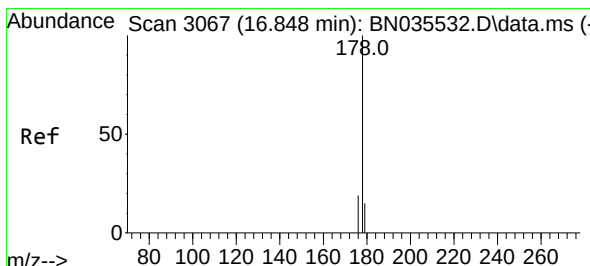
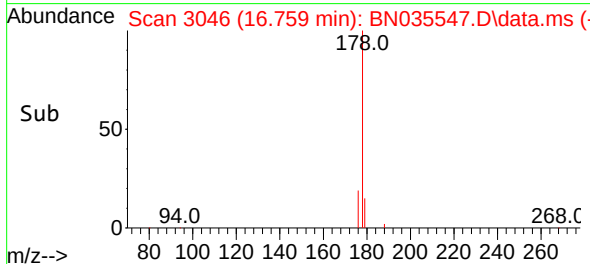
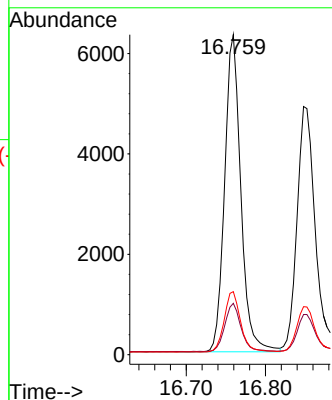
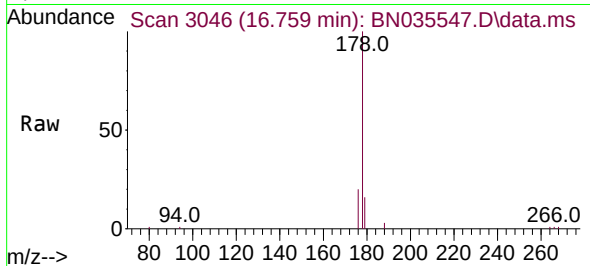




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

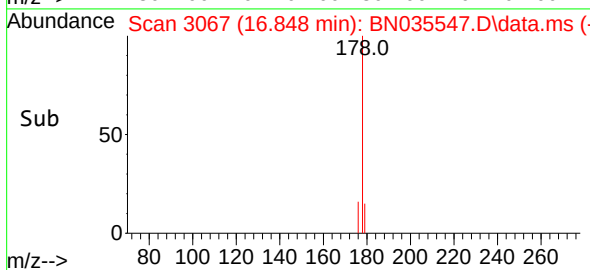
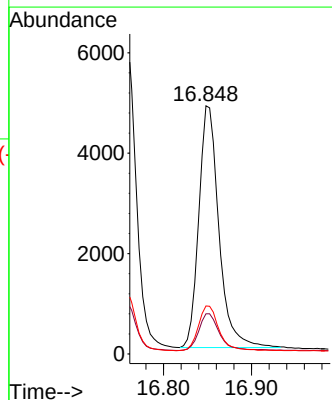
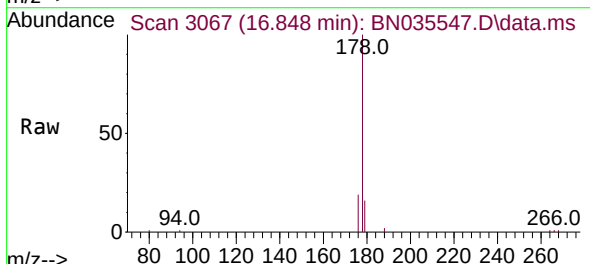
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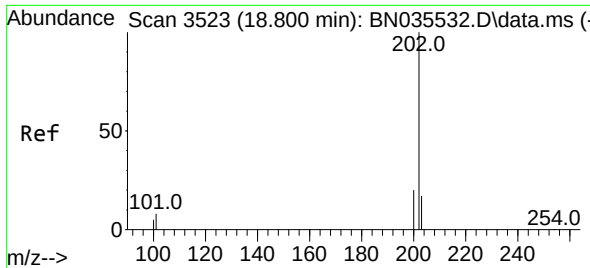
Tgt Ion:178 Resp: 8999
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:178 Resp: 7659
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.3 15.4 23.2

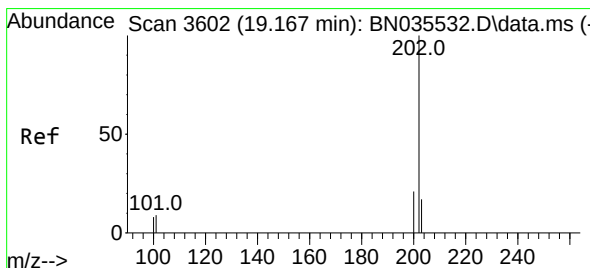
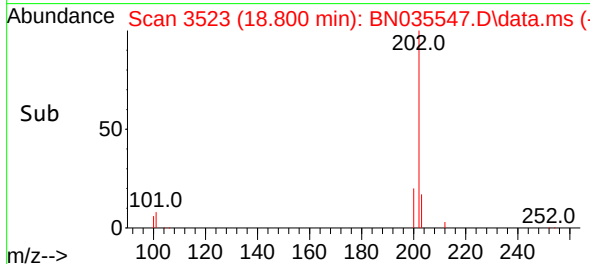
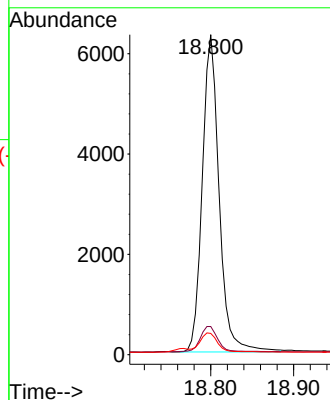
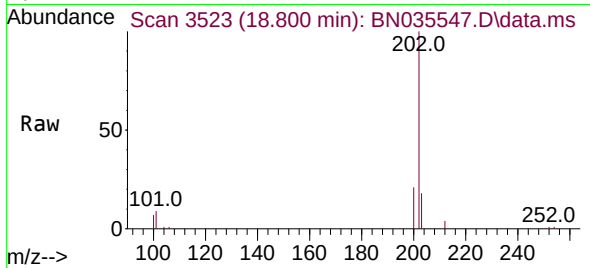




#19
Fluoranthene
Concen: 0.436 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

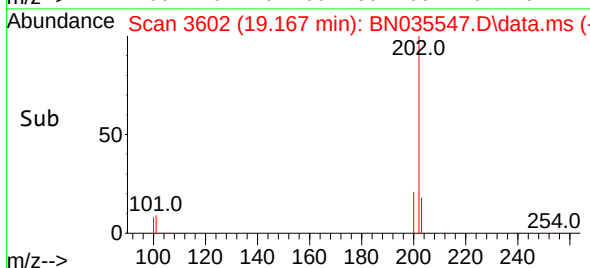
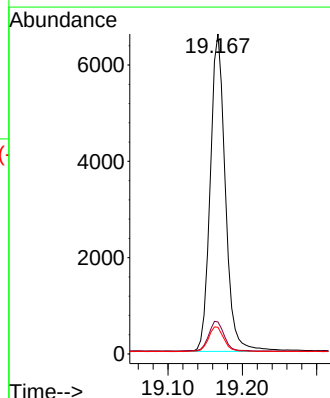
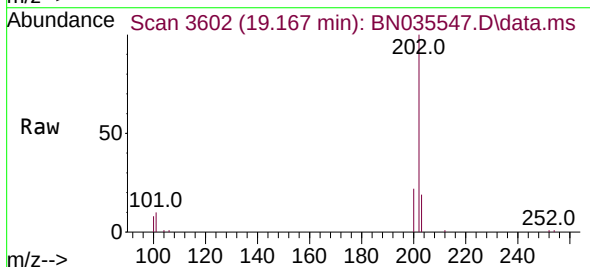
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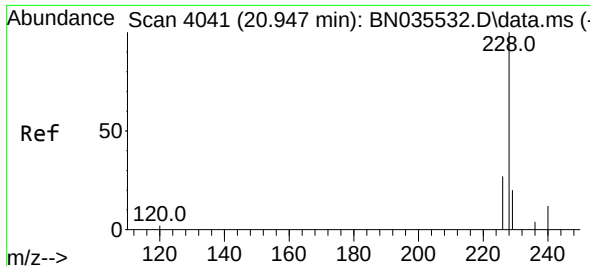
Tgt Ion:202 Resp: 8950
Ion Ratio Lower Upper
202 100
101 8.8 5.8 8.6#
100 6.7 4.5 6.7



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:202 Resp: 9302
Ion Ratio Lower Upper
202 100
101 10.0 6.2 9.4#
100 8.4 5.1 7.7#

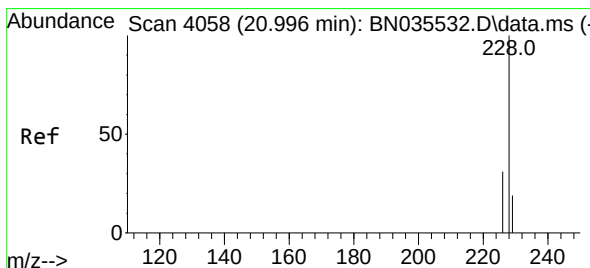
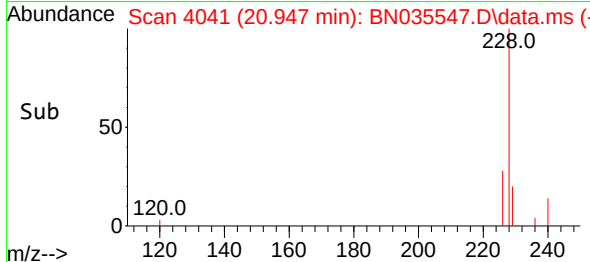
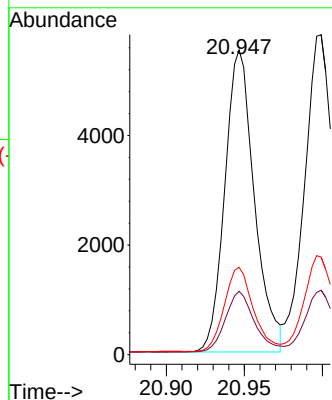
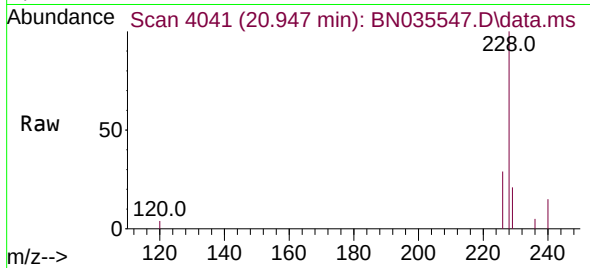




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

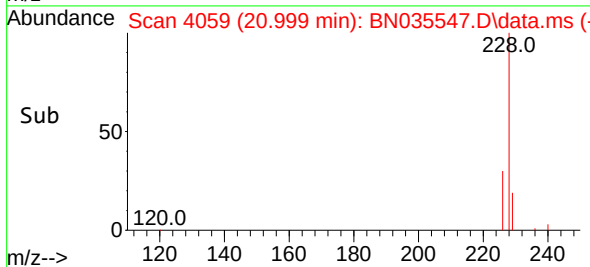
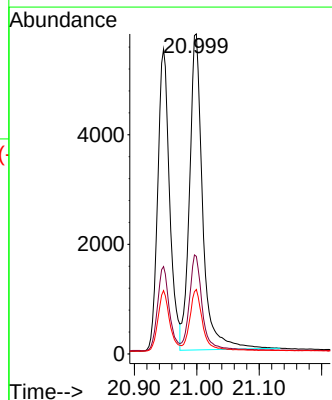
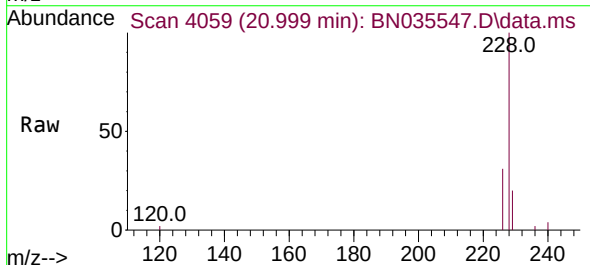
Instrument :
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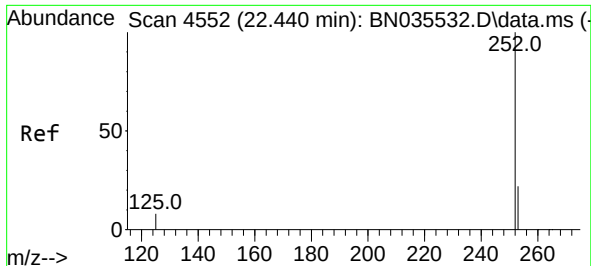
Tgt Ion:228 Resp: 7264
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.6 21.8 32.8



#22
Chrysene
Concen: 0.411 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:228 Resp: 8447
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 20.1 16.0 24.0

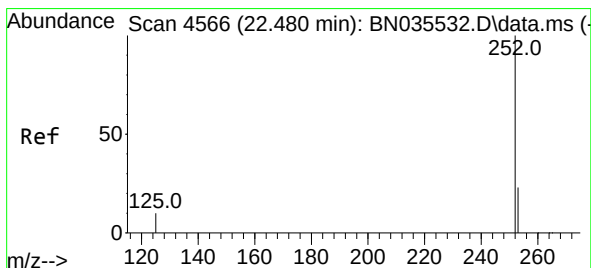
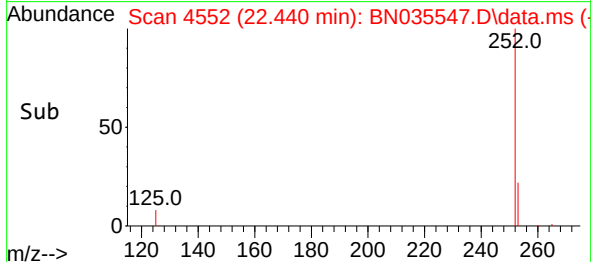
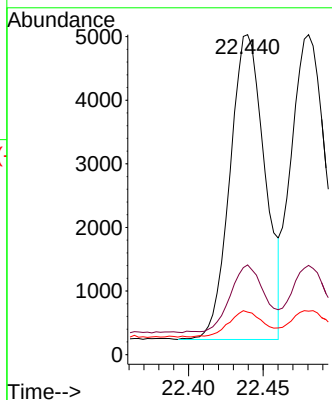
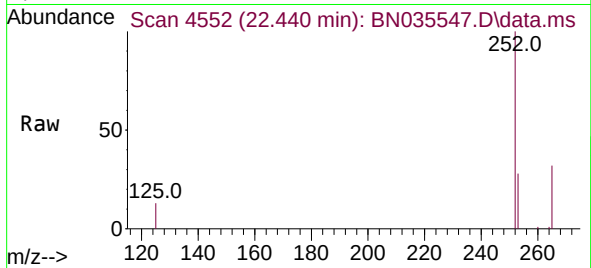




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.440 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

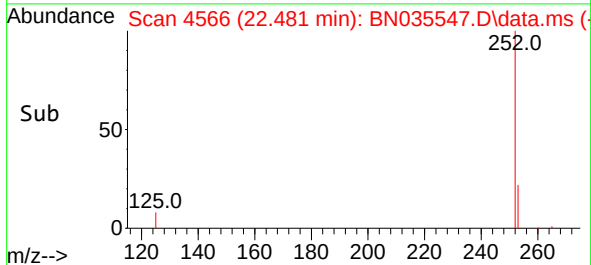
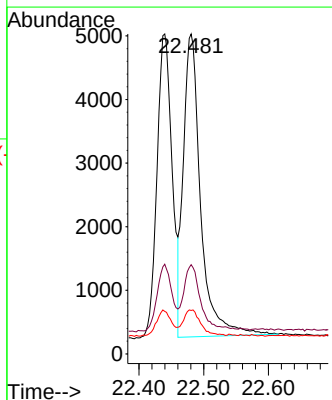
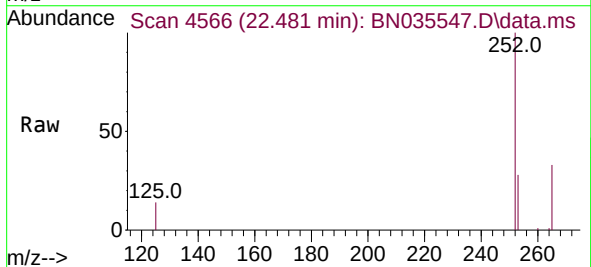
Instrument :
BNA_N
ClientSampleId :
SLCS439

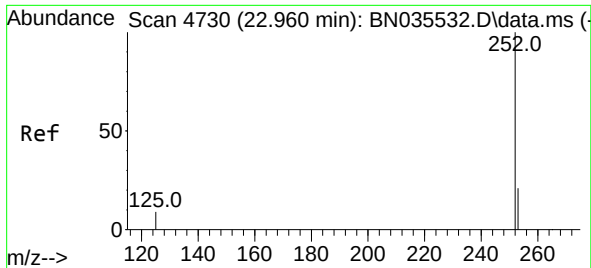
Tgt Ion:252 Resp: 7802
Ion Ratio Lower Upper
252 100
253 28.0 0.0 54.0
125 13.3 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:252 Resp: 8835
Ion Ratio Lower Upper
252 100
253 27.9 21.8 32.6
125 13.6 8.6 12.8#

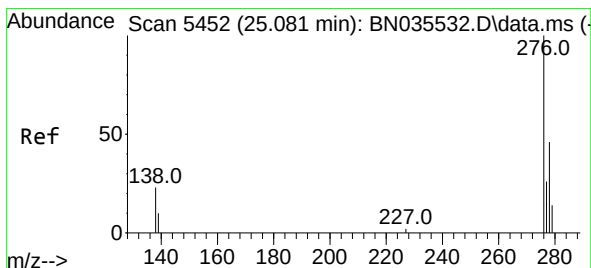
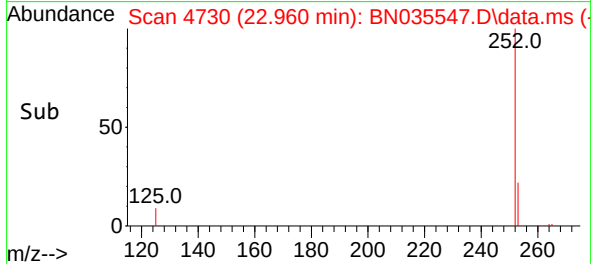
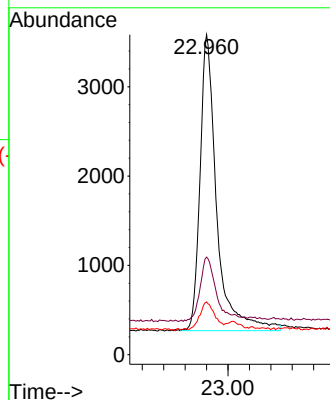
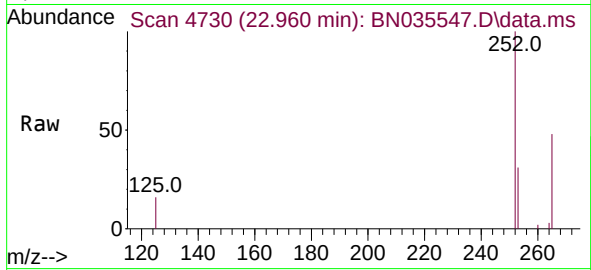




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 22.960 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

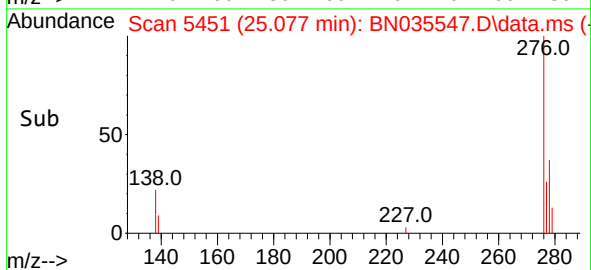
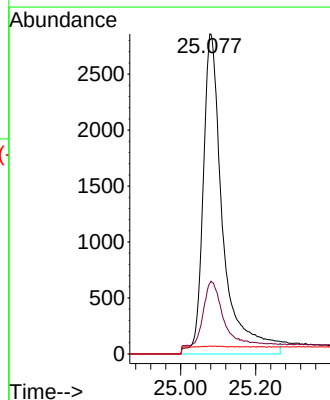
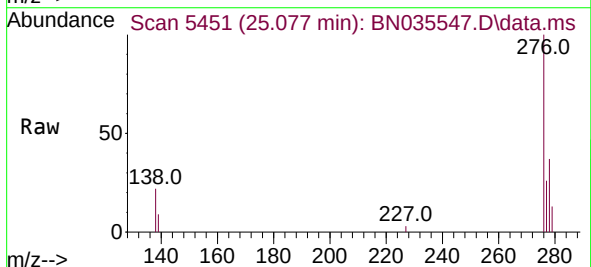
Instrument :
BNA_N
ClientSampleId :
SLCS439

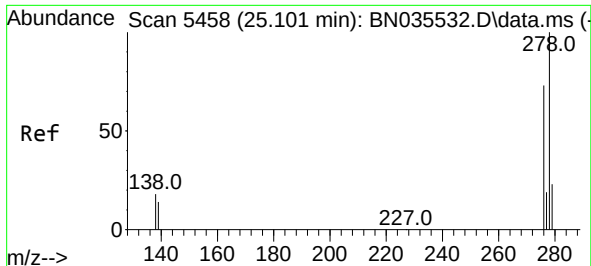
Tgt Ion:252 Resp: 7124
Ion Ratio Lower Upper
252 100
253 30.5 22.9 34.3
125 16.5 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 25.077 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:276 Resp: 10435
Ion Ratio Lower Upper
276 100
138 24.5 13.8 20.8#
227 9.8 0.2 0.4#

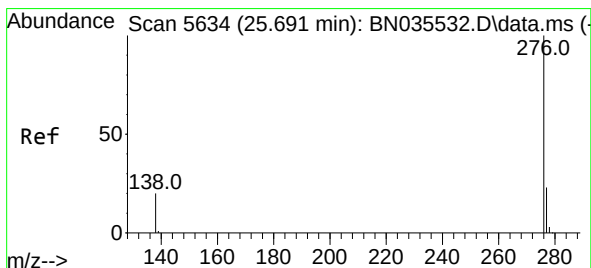
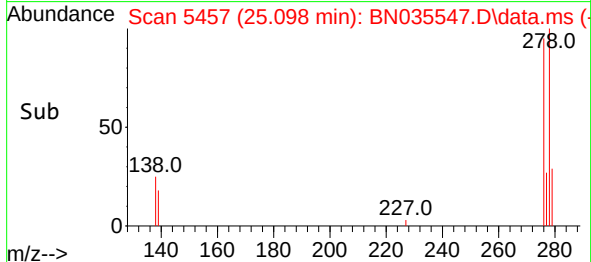
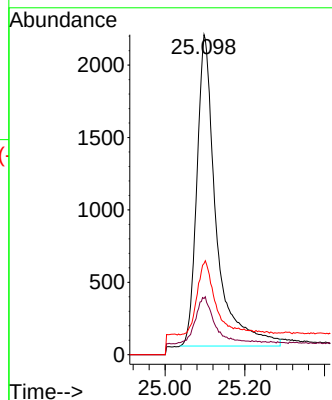
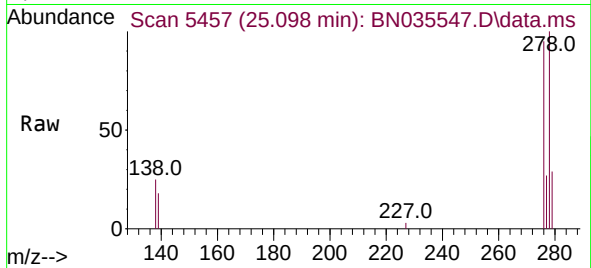




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.098 min Scan# 5458
Delta R.T. -0.003 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:278 Resp: 7211
Ion Ratio Lower Upper
278 100
139 17.6 10.7 16.1#
279 28.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 25.695 min Scan# 5635
Delta R.T. 0.003 min
Lab File: BN035547.D
Acq: 11 Dec 2024 00:30

Tgt Ion:276 Resp: 7995
Ion Ratio Lower Upper
276 100
138 21.3 13.0 19.6#
277 25.0 20.5 30.7

