

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035574.D
 Acq On : 11 Dec 2024 19:42
 Operator : RC/JU
 Sample : PB165482BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS482

Quant Time: Dec 11 22:10:20 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)

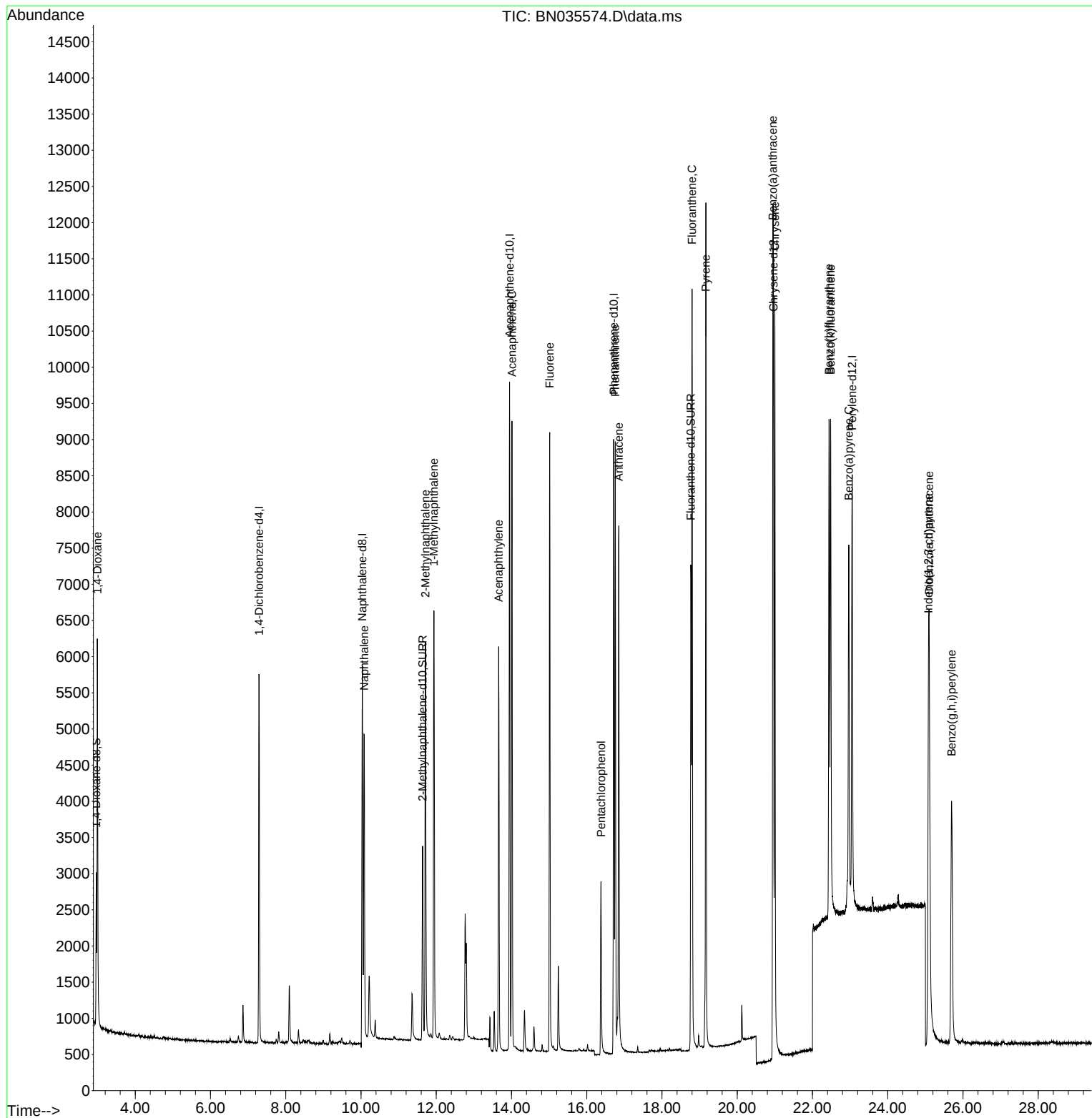
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7352	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4997	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10510	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	7880	0.400	ng/ul	0.00
23) Perylene-d12	23.054	264	7629	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1441	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3760	0.349	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	8166	0.376	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	3963	1.585	ng/ul	93
5) Naphthalene	10.086	128	6354	0.343	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	4037	0.314	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	4195	0.324	ng/ul	98
10) Acenaphthylene	13.662	152	6296	0.318	ng/ul	99
11) Acenaphthene	14.013	153	4885	0.322	ng/ul	99
12) Fluorene	15.017	166	5457	0.307	ng/ul	99
14) Pentachlorophenol	16.379	266	1706	0.697	ng/ul	99
15) Phenanthrene	16.759	178	8852	0.319	ng/ul	100
16) Anthracene	16.852	178	7939	0.308	ng/ul	100
19) Fluoranthene	18.800	202	9598	0.350	ng/ul	97
20) Pyrene	19.167	202	10114	0.354	ng/ul#	96
21) Benzo(a)anthracene	20.947	228	8806	0.322	ng/ul	99
22) Chrysene	20.999	228	9435	0.343	ng/ul	100
24) Benzo(b)fluoranthene	22.440	252	8423	0.334	ng/ul	98
25) Benzo(k)fluoranthene	22.483	252	9060	0.348	ng/ul	98
26) Benzo(a)pyrene	22.966	252	7646	0.332	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.084	276	8855	0.285	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.104	278	6771	0.277	ng/ul#	95
29) Benzo(g,h,i)perylene	25.698	276	7039	0.287	ng/ul#	96

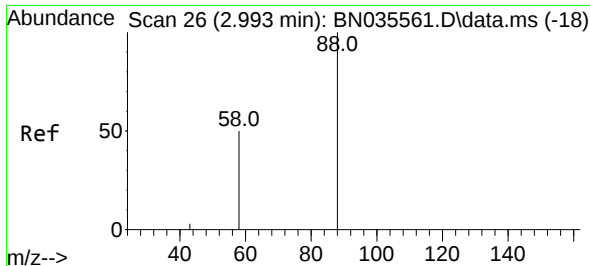
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035574.D
Acq On : 11 Dec 2024 19:42
Operator : RC/JU
Sample : PB165482BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS482

Quant Time: Dec 11 22:10:20 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

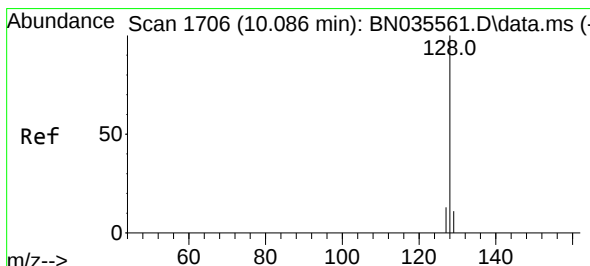
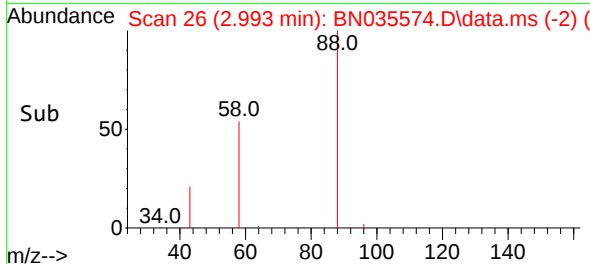
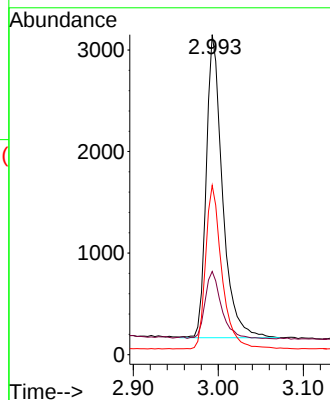
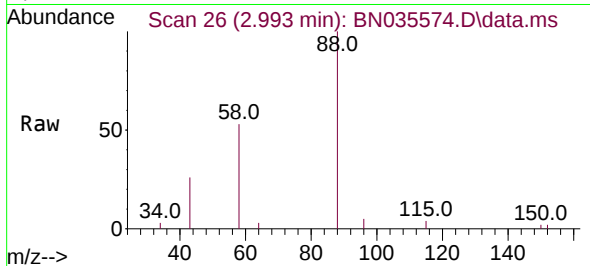




#2
 1,4-Dioxane
 Concen: 1.585 ng/ul
 RT: 2.993 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN035574.D
 Acq: 11 Dec 2024 19:42

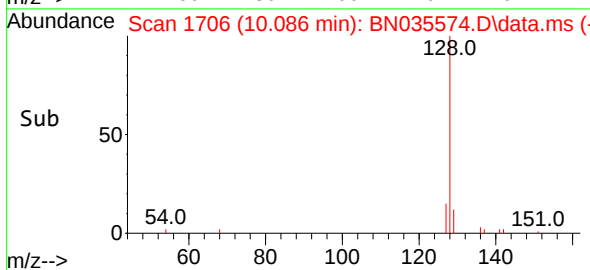
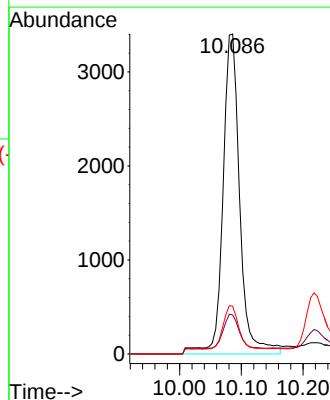
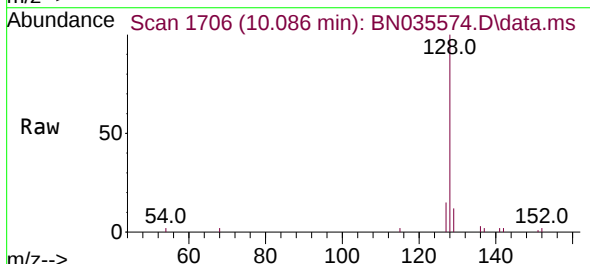
Instrument :
 BNA_N
 ClientSampleId :
 SLCS482

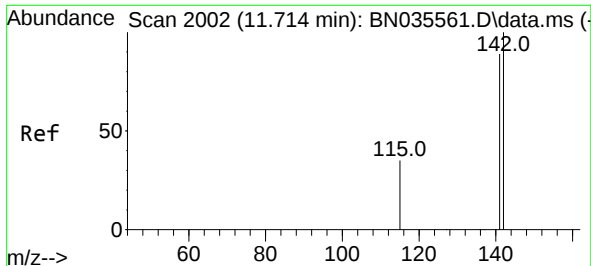
Tgt Ion: 88 Resp: 3963
 Ion Ratio Lower Upper
 88 100
 43 26.0 20.6 31.0
 58 52.9 36.2 54.4



#5
 Naphthalene
 Concen: 0.343 ng/ul
 RT: 10.086 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: BN035574.D
 Acq: 11 Dec 2024 19:42

Tgt Ion: 128 Resp: 6354
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.9 14.9
 127 14.9 11.4 17.2

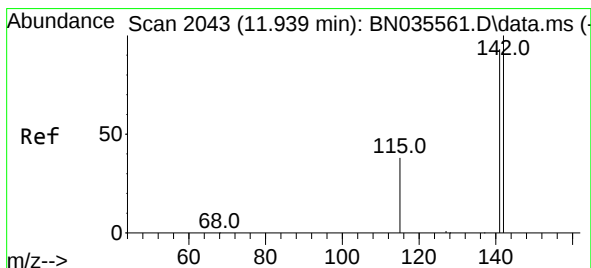
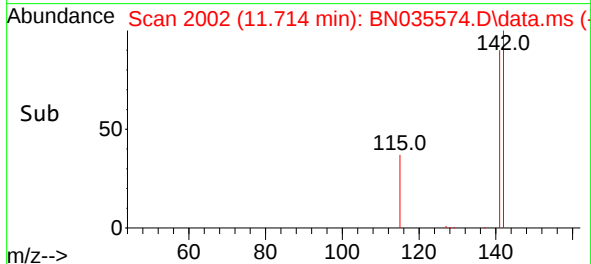
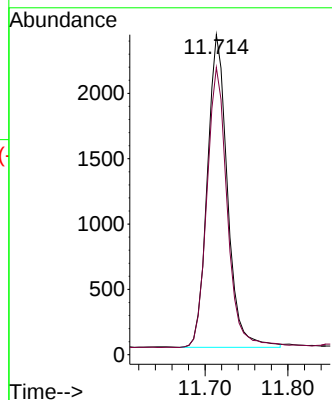
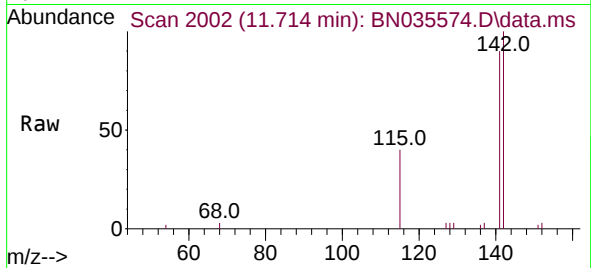




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

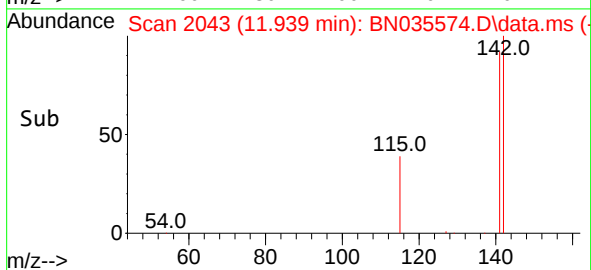
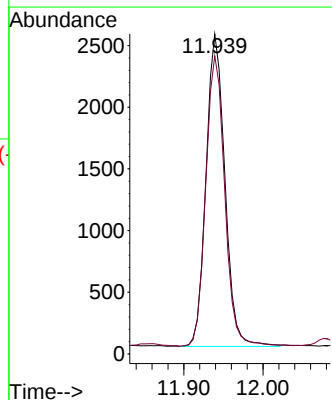
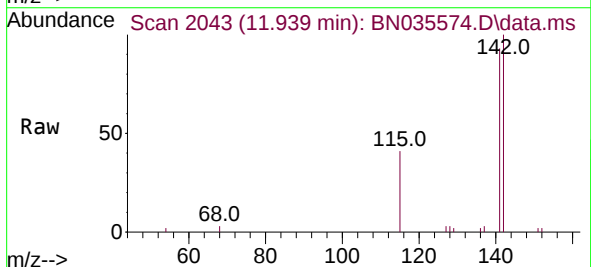
Instrument :
BNA_N
ClientSampleId :
SLCS482

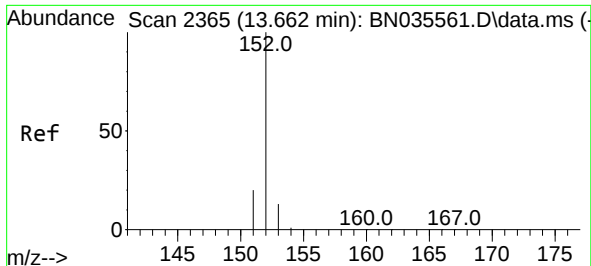
Tgt Ion:142 Resp: 4037
Ion Ratio Lower Upper
142 100
141 90.5 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:142 Resp: 4195
Ion Ratio Lower Upper
142 100
141 93.2 73.1 109.7

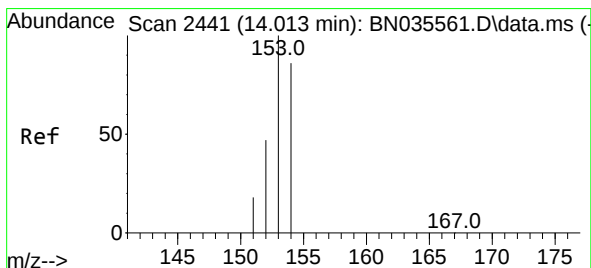
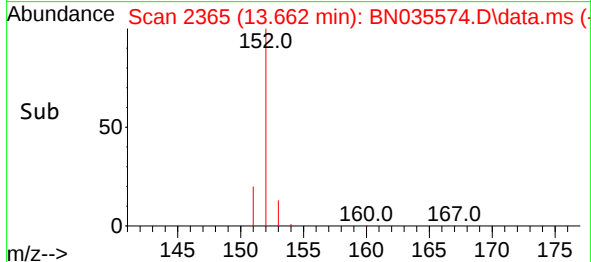
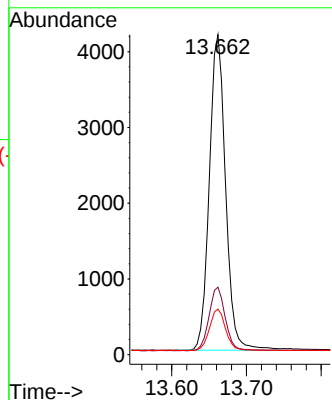
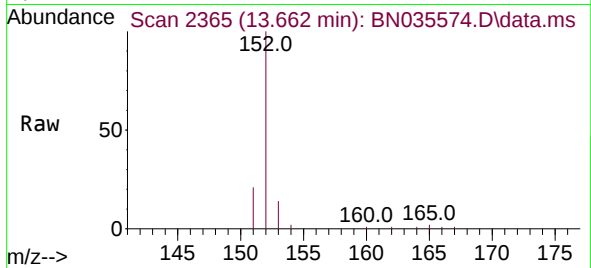




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

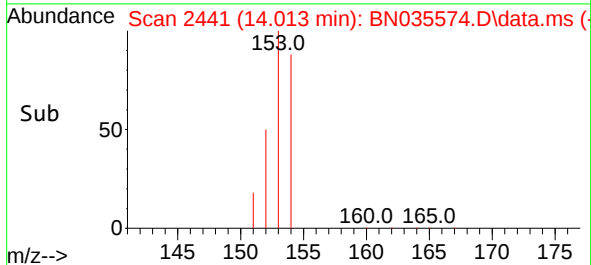
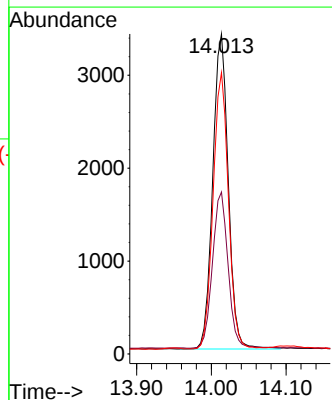
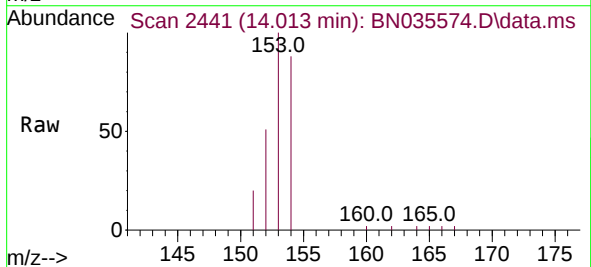
Instrument :
BNA_N
ClientSampleId :
SLCS482

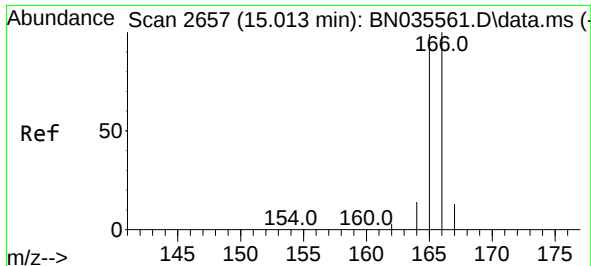
Tgt Ion:152	Resp:	6296
Ion	Ratio	Lower Upper
152	100	
151	21.1	16.4 24.6
153	14.2	11.1 16.7



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.013 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:153	Resp:	4885
Ion	Ratio	Lower Upper
153	100	
152	50.6	41.4 62.0
154	87.9	71.2 106.8

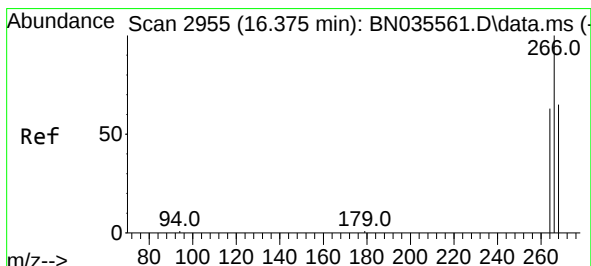
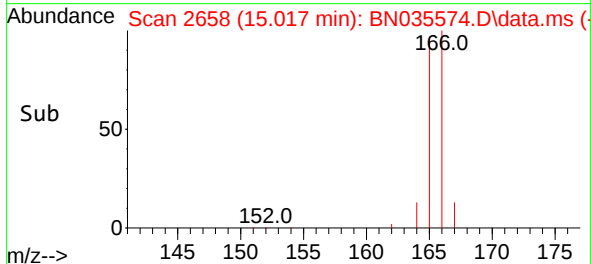
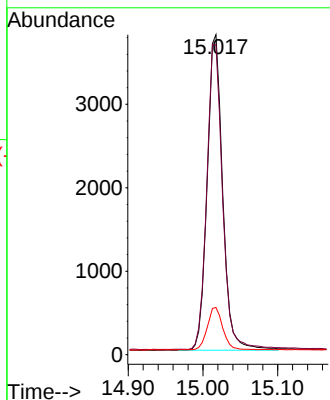
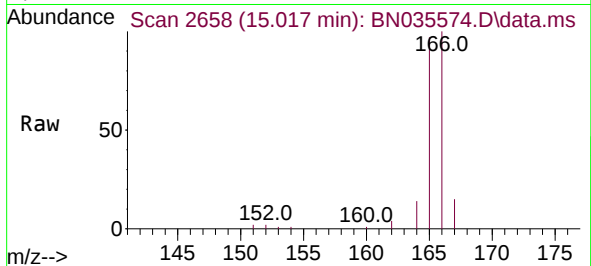




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.017 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN035574.D
 Acq: 11 Dec 2024 19:42

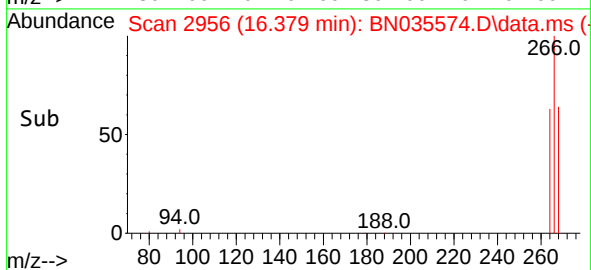
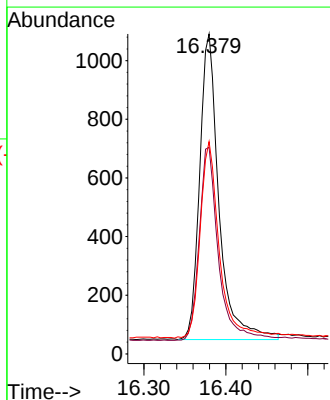
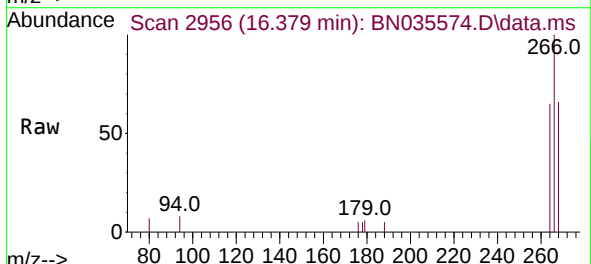
Instrument :
 BNA_N
 ClientSampleId :
 SLCS482

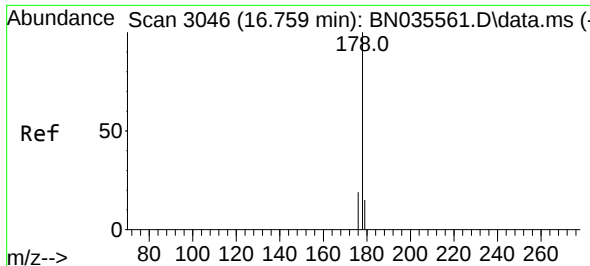
Tgt Ion:166 Resp: 5457
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.6 118.0
 167 14.8 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.697 ng/ul
 RT: 16.379 min Scan# 2956
 Delta R.T. -0.000 min
 Lab File: BN035574.D
 Acq: 11 Dec 2024 19:42

Tgt Ion:266 Resp: 1706
 Ion Ratio Lower Upper
 266 100
 264 62.8 51.8 77.6
 268 64.1 51.3 76.9

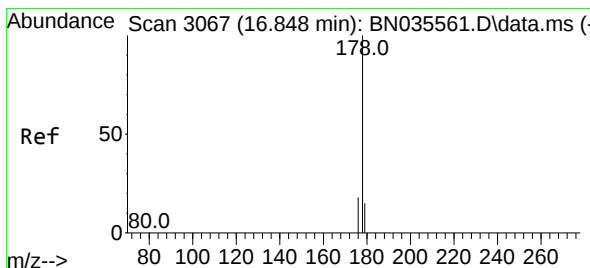
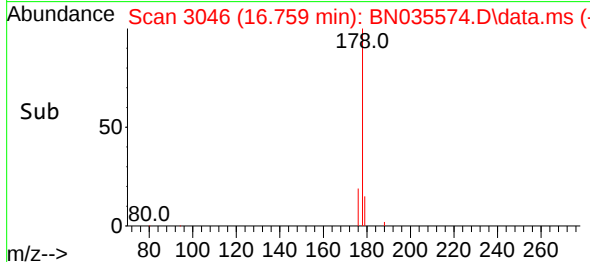
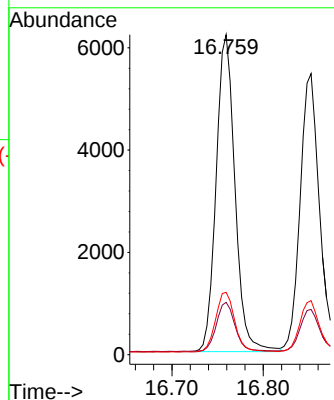
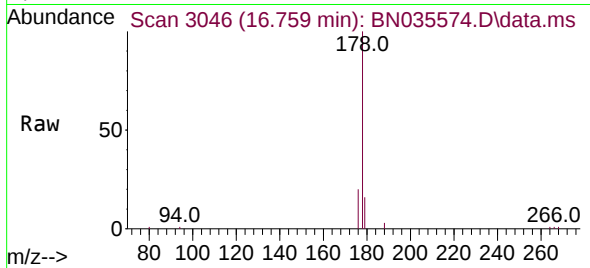




#15
Phenanthrene
Concen: 0.319 ng/u1
RT: 16.759 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

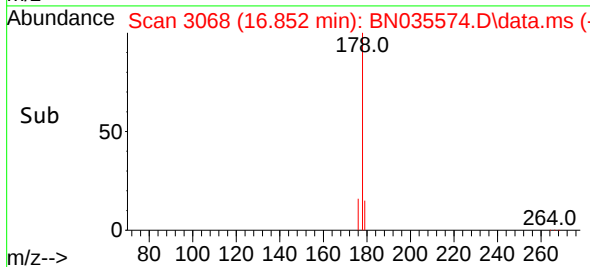
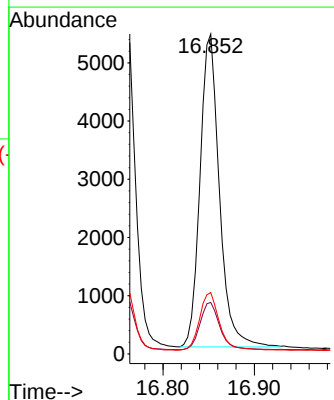
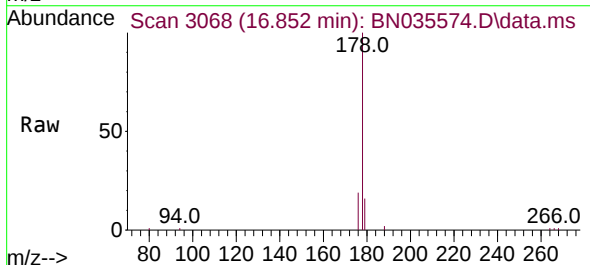
Instrument :
BNA_N
ClientSampleId :
SLCS482

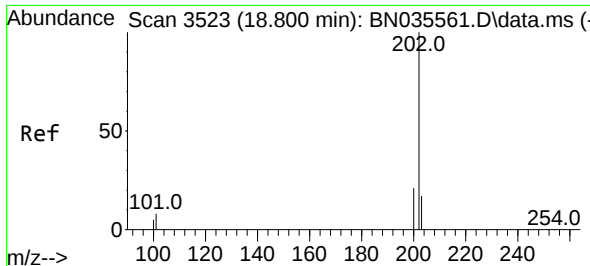
Tgt Ion:178 Resp: 8852
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.308 ng/u1
RT: 16.852 min Scan# 3068
Delta R.T. 0.004 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:178 Resp: 7939
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.2 15.4 23.2

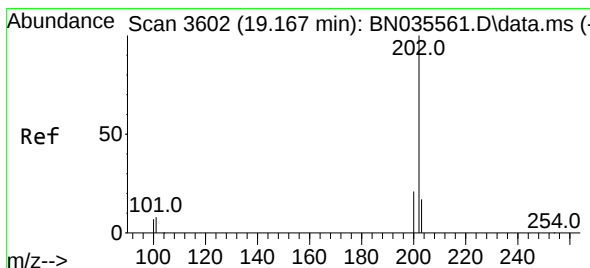
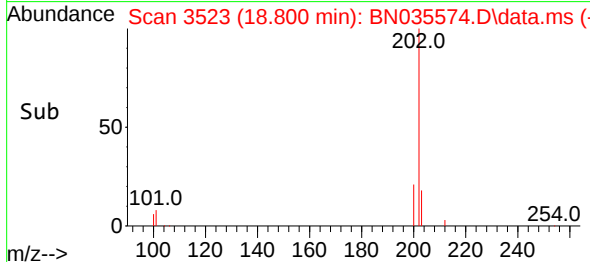
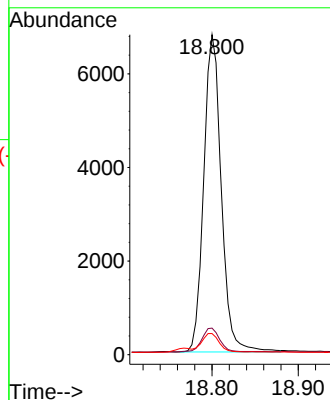
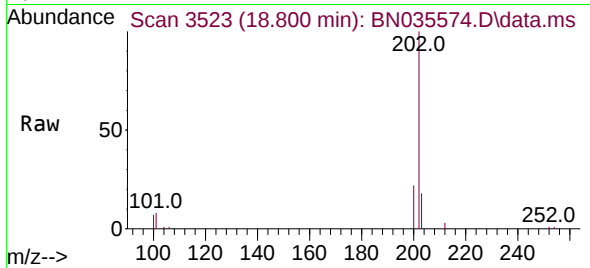




#19
Fluoranthene
Concen: 0.350 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

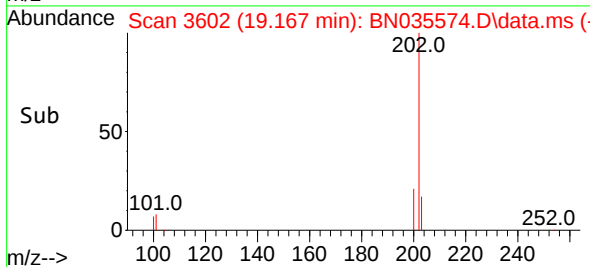
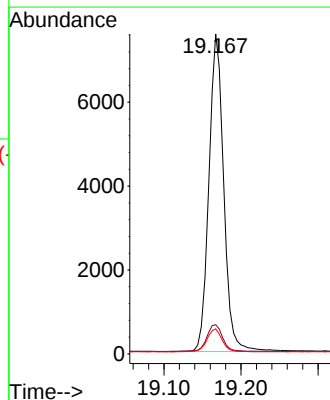
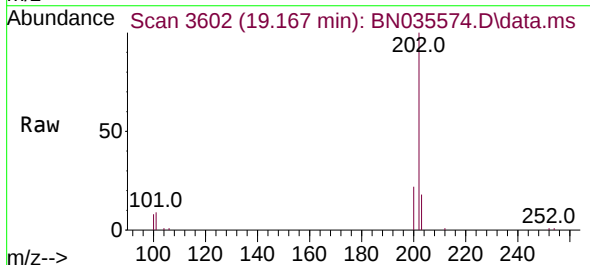
Instrument :
BNA_N
ClientSampleId :
SLCS482

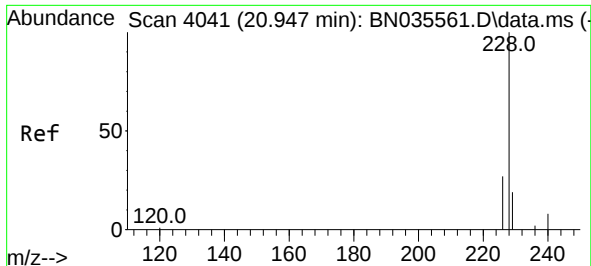
Tgt Ion:202 Resp: 9598
Ion Ratio Lower Upper
202 100
101 8.3 5.8 8.6
100 6.6 4.5 6.7



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:202 Resp: 10114
Ion Ratio Lower Upper
202 100
101 9.2 6.2 9.4
100 7.8 5.1 7.7#

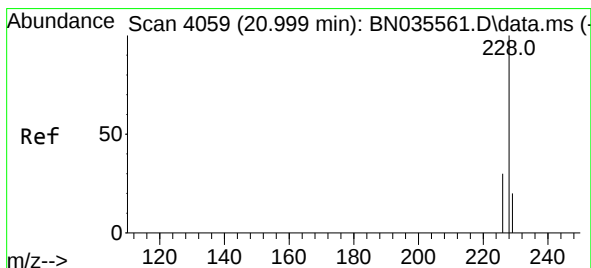
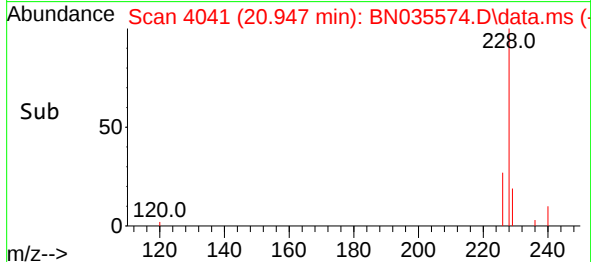
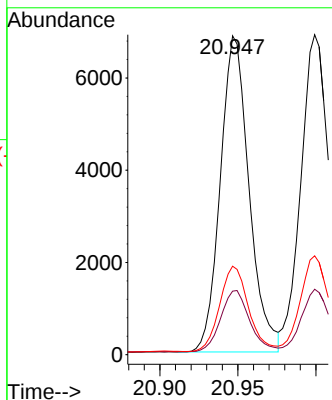
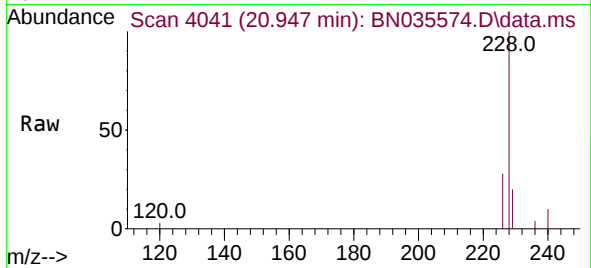




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

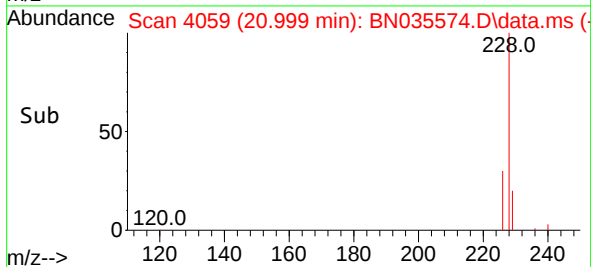
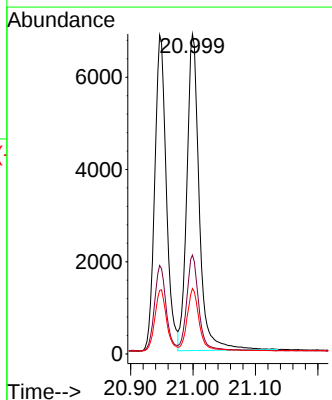
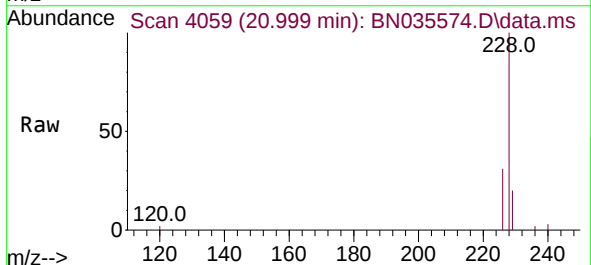
Instrument :
BNA_N
ClientSampleId :
SLCS482

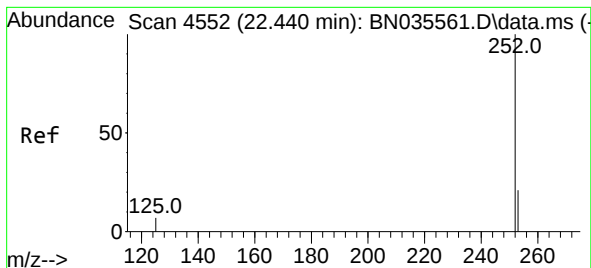
Tgt Ion:228 Resp: 8806
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.7 21.8 32.8



#22
Chrysene
Concen: 0.343 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:228 Resp: 9435
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.4 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.334 ng/ul

RT: 22.440 min Scan# 4552

Delta R.T. -0.000 min

Lab File: BN035574.D

Acq: 11 Dec 2024 19:42

Instrument :

BNA_N

ClientSampleId :

SLCS482

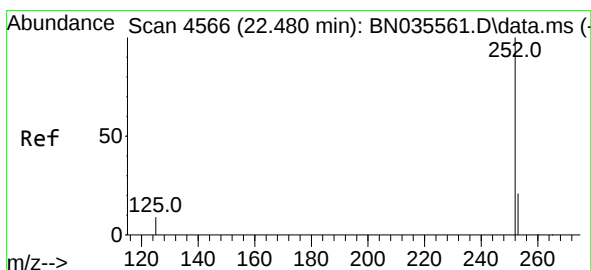
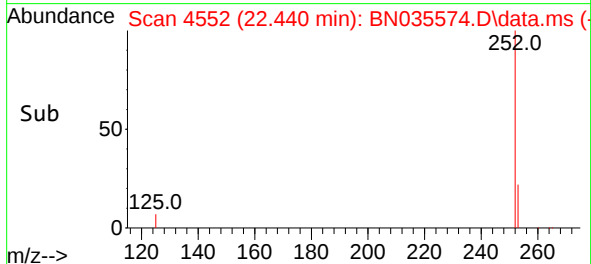
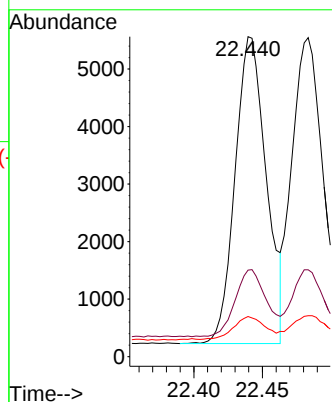
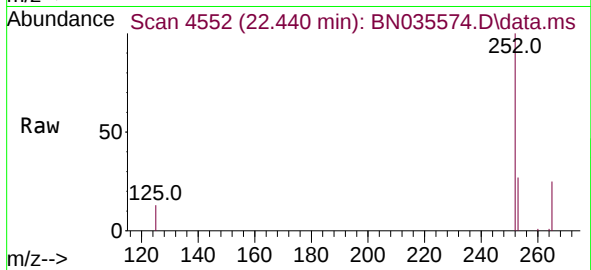
Tgt Ion:252 Resp: 8423

Ion Ratio Lower Upper

252 100

253 27.1 0.0 54.0

125 12.6 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.348 ng/ul

RT: 22.483 min Scan# 4567

Delta R.T. 0.003 min

Lab File: BN035574.D

Acq: 11 Dec 2024 19:42

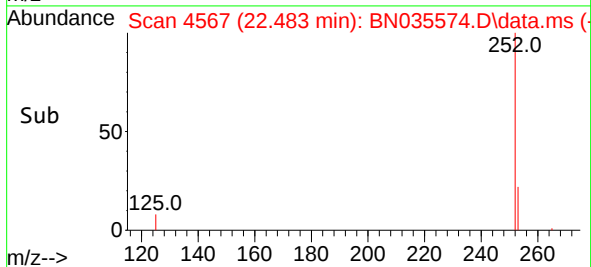
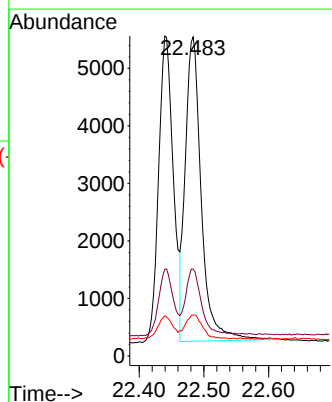
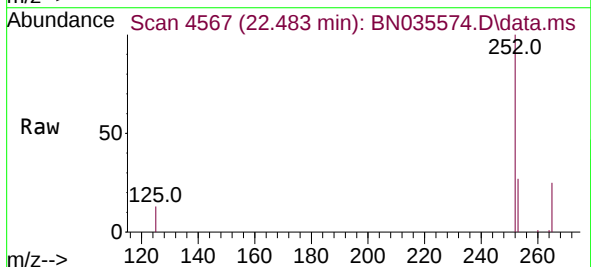
Tgt Ion:252 Resp: 9060

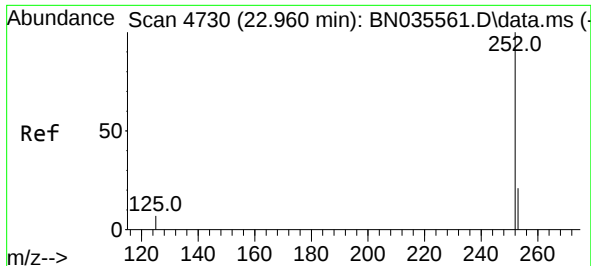
Ion Ratio Lower Upper

252 100

253 27.2 21.8 32.6

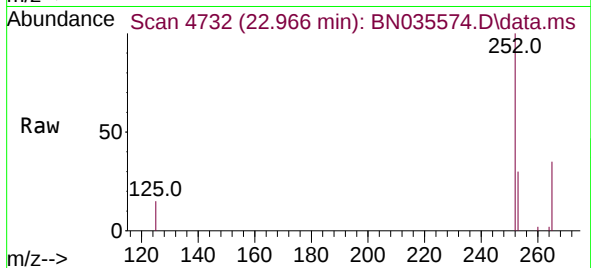
125 12.8 8.6 12.8



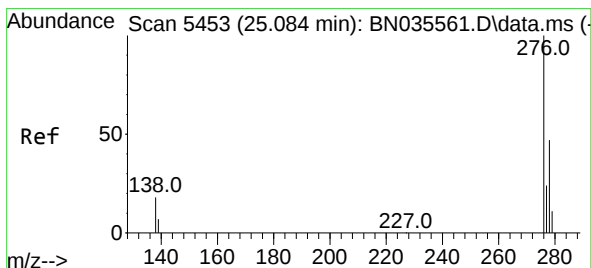
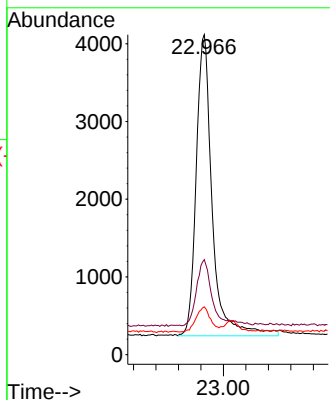
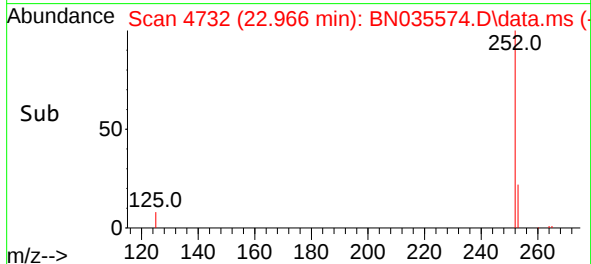


#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 22.966 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SLCS482

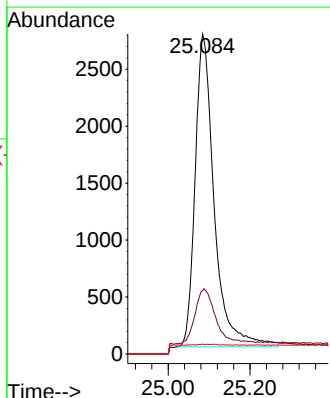
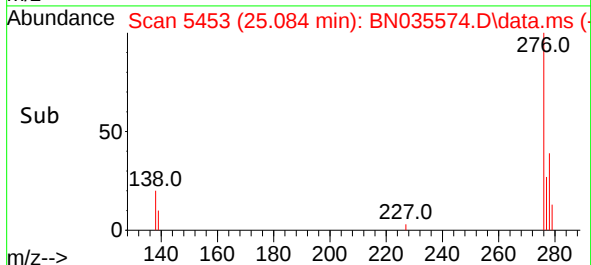
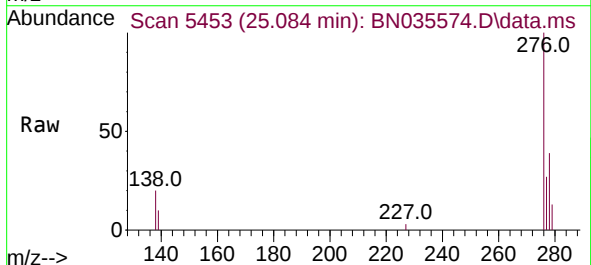


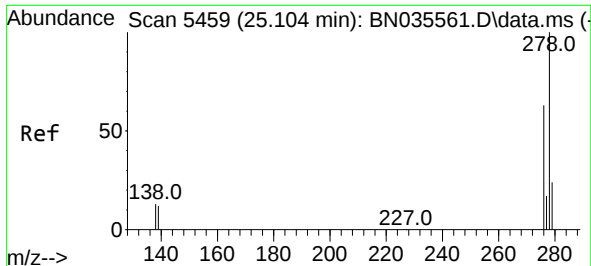
Tgt Ion:252 Resp: 7646
Ion Ratio Lower Upper
252 100
253 29.7 22.9 34.3
125 14.9 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:276 Resp: 8855
Ion Ratio Lower Upper
276 100
138 18.4 13.8 20.8
227 14.4 0.2 0.4#

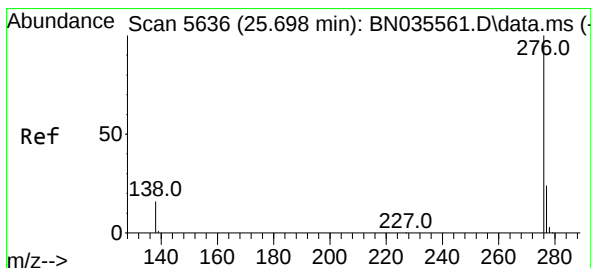
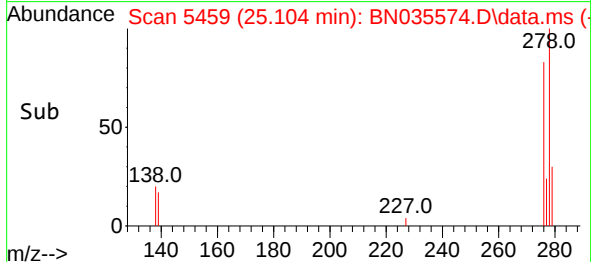
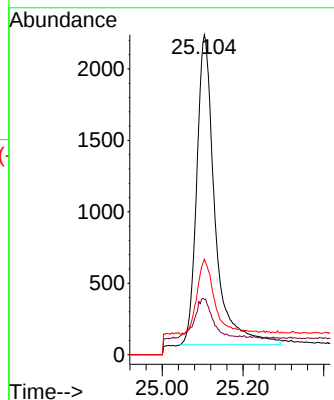
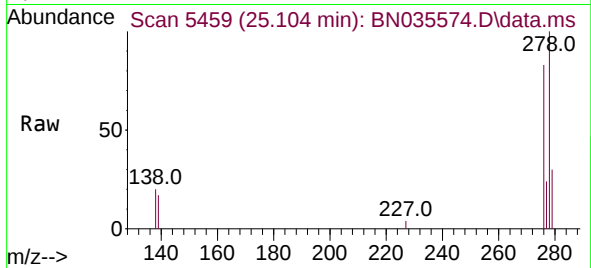




#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 25.104 min Scan# 5459
Delta R.T. 0.003 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SLCS482

Tgt Ion:278 Resp: 6771
Ion Ratio Lower Upper
278 100
139 17.3 10.7 16.1#
279 29.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035574.D
Acq: 11 Dec 2024 19:42

Tgt Ion:276 Resp: 7039
Ion Ratio Lower Upper
276 100
138 19.7 13.0 19.6#
277 26.7 20.5 30.7

