

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033166.D
 Acq On : 01 Aug 2024 13:08
 Operator : MA/JU
 Sample : PB162306BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS306

Quant Time: Aug 01 14:24:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

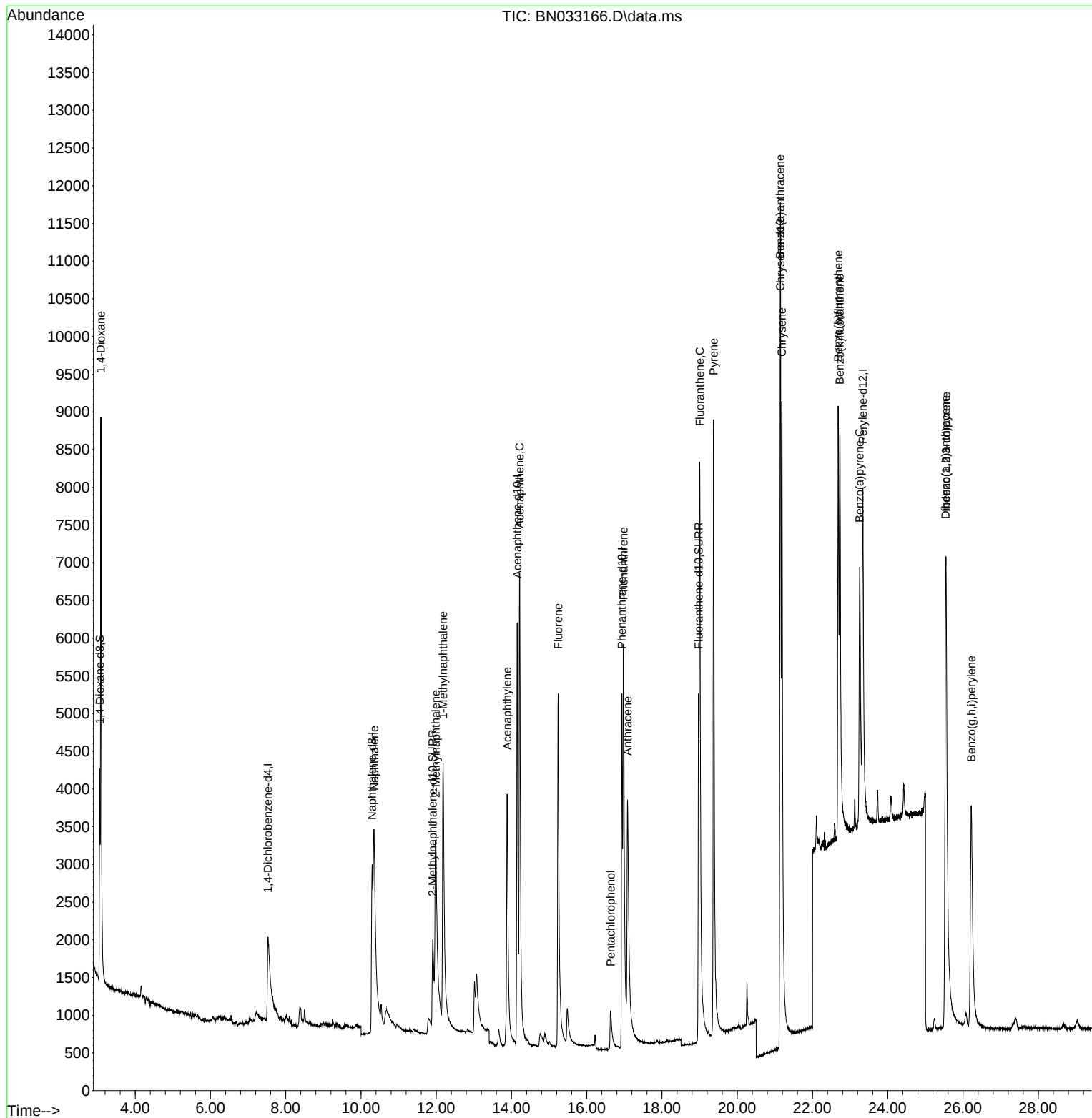
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	2185	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.295	136	7587	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.152	164	4721	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	9241	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	7808	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	7481	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	2033	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3814	0.308	ng/ul	-0.02
18) Fluoranthene-d10	18.972	212	8413	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.086	88	5913	1.877	ng/ul#	67
5) Naphthalene	10.350	128	7080	0.363	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	4174	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.181	142	4362	0.306	ng/ul	98
10) Acenaphthylene	13.884	152	6735	0.349	ng/ul	98
11) Acenaphthene	14.217	153	5760	0.396	ng/ul	99
12) Fluorene	15.240	166	5584	0.330	ng/ul	99
14) Pentachlorophenol	16.633	266	828	0.440	ng/ul	97
15) Phenanthrene	16.975	178	8294	0.335	ng/ul	99
16) Anthracene	17.085	178	6907	0.310	ng/ul	99
19) Fluoranthene	19.005	202	10096	0.393	ng/ul	99
20) Pyrene	19.372	202	11375	0.413	ng/ul	98
21) Benzo(a)anthracene	21.139	228	8309	0.312	ng/ul	99
22) Chrysene	21.186	228	11806	0.380	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	7676	0.351	ng/ul	95
25) Benzo(k)fluoranthene	22.726	252	10156	0.388	ng/ul	95
26) Benzo(a)pyrene	23.252	252	7934	0.386	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.547	276	10399	0.332	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.540	278	8152	0.329	ng/ul	96
29) Benzo(g,h,i)perylene	26.218	276	8577	0.345	ng/ul	98

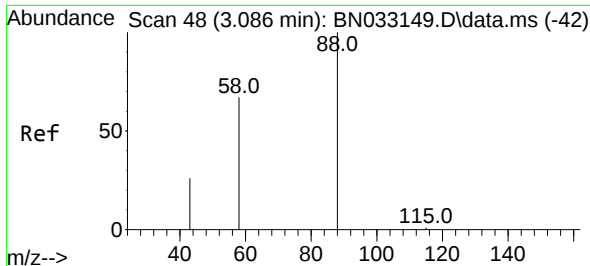
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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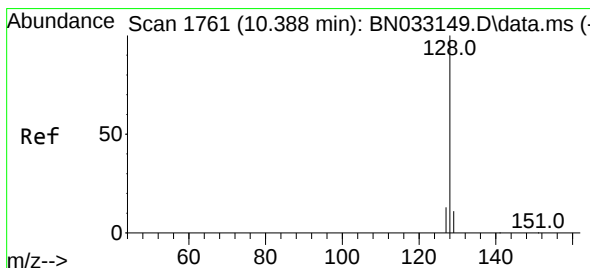
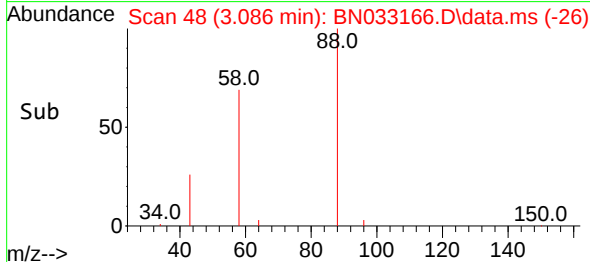
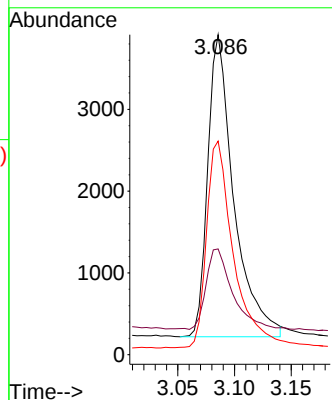
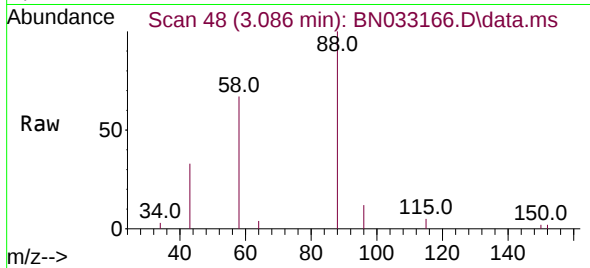




#2
1,4-Dioxane
Concen: 1.877 ng/ul
RT: 3.086 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

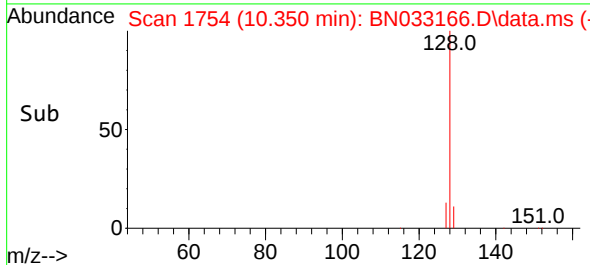
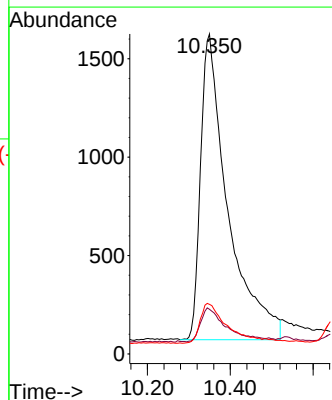
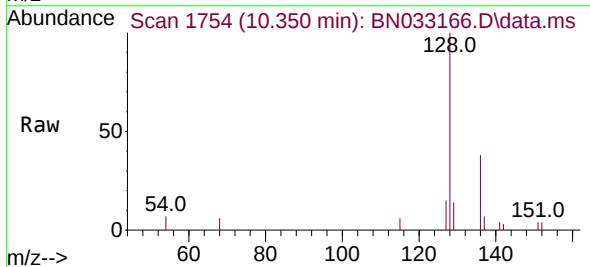
Instrument :
BNA_N
ClientSampleId :
SLCS306

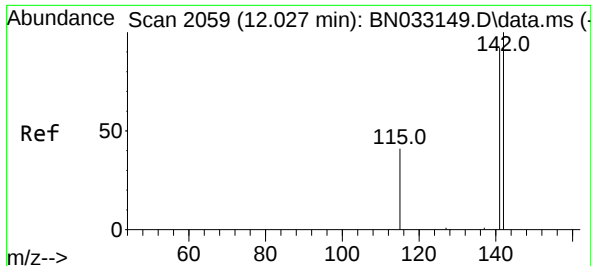
Tgt Ion: 88 Resp: 5913
Ion Ratio Lower Upper
88 100
43 33.1 63.4 95.2#
58 66.8 49.4 74.0



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. -0.027 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:128 Resp: 7080
Ion Ratio Lower Upper
128 100
129 14.0 12.0 18.0
127 15.5 12.7 19.1

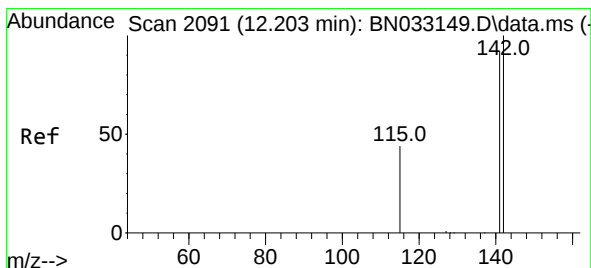
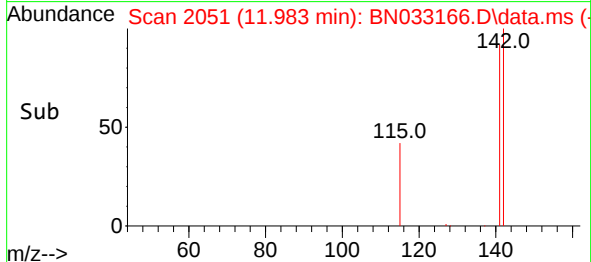
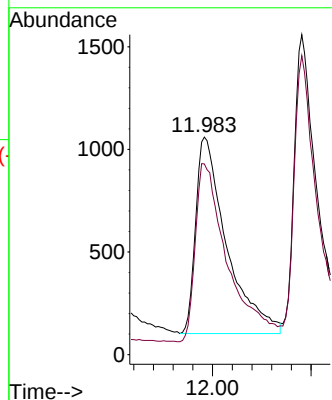
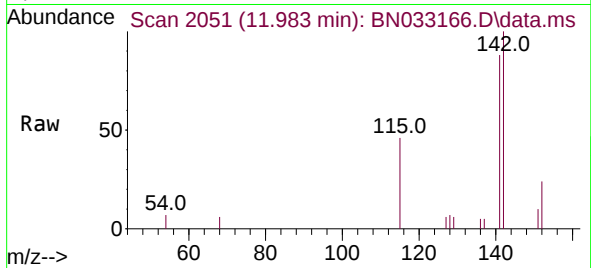




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.022 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

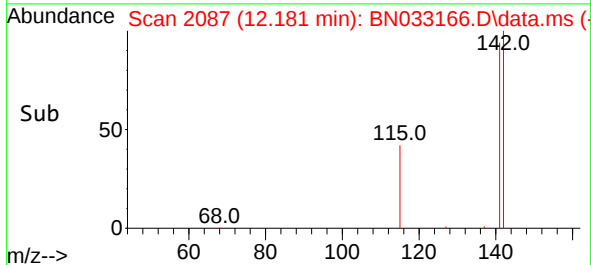
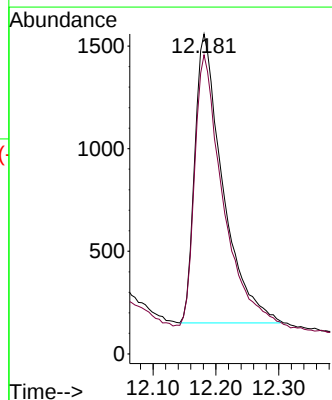
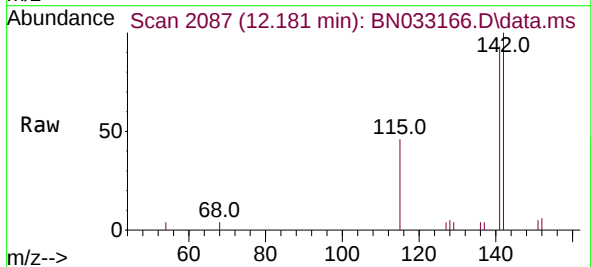
Instrument :
BNA_N
ClientSampleId :
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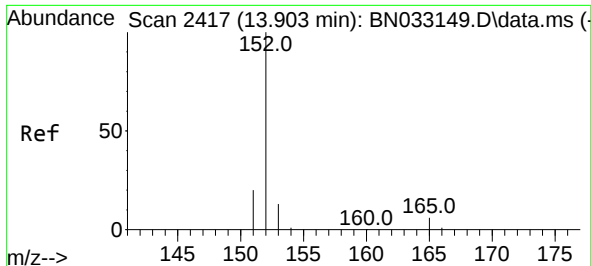
Tgt Ion:142 Resp: 4174
Ion Ratio Lower Upper
142 100
141 95.3 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.181 min Scan# 2087
Delta R.T. -0.016 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:142 Resp: 4362
Ion Ratio Lower Upper
142 100
141 94.6 74.3 111.5

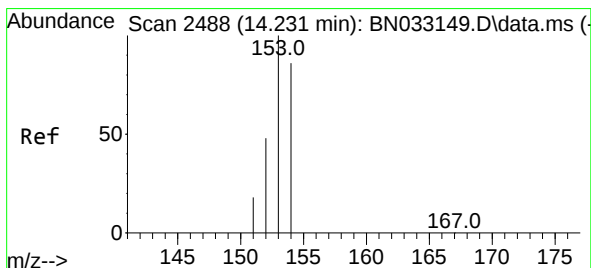
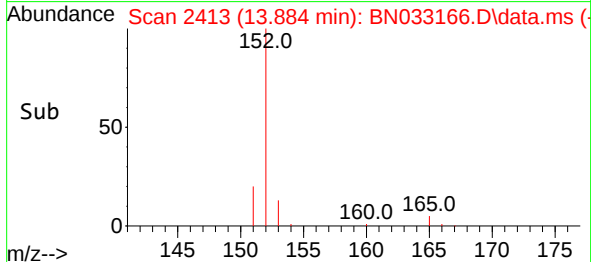
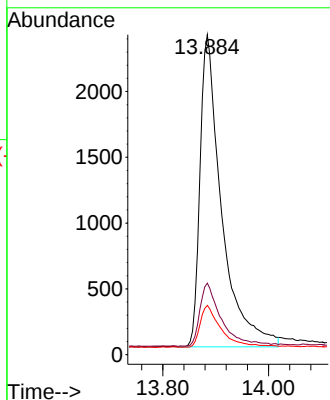
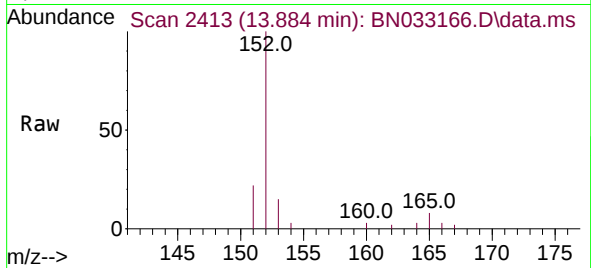




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.884 min Scan# 2413
Delta R.T. -0.014 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

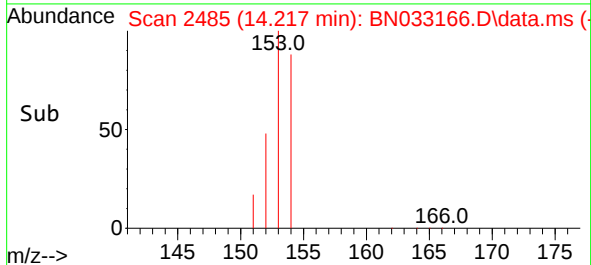
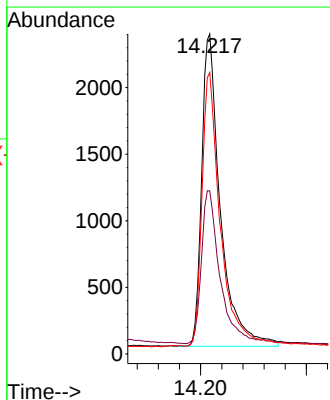
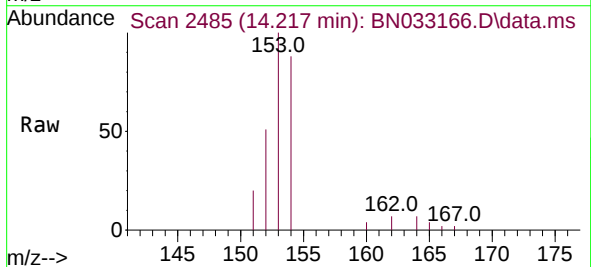
Instrument :
BNA_N
ClientSampleId :
SLCS306

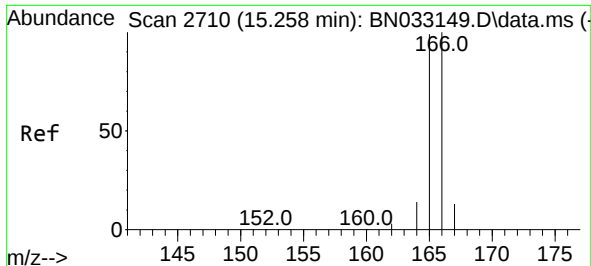
Tgt Ion:152 Resp: 6735
Ion Ratio Lower Upper
152 100
151 22.3 16.8 25.2
153 15.4 11.9 17.9



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:153 Resp: 5760
Ion Ratio Lower Upper
153 100
152 51.0 40.0 60.0
154 87.9 70.1 105.1

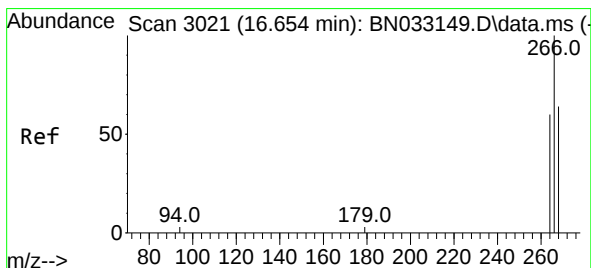
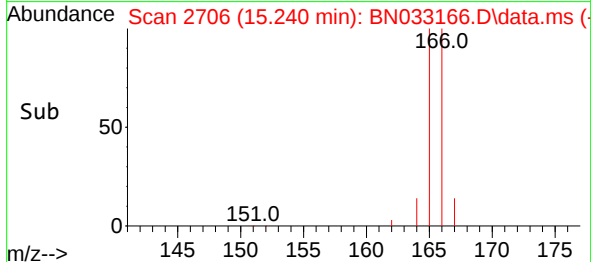
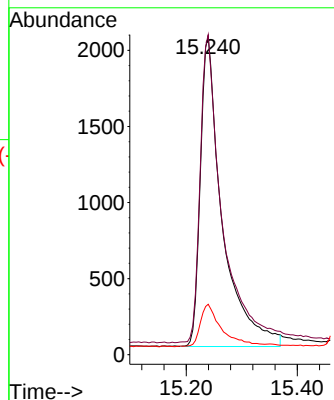
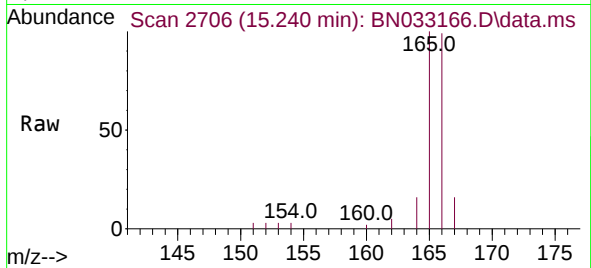




#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.240 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

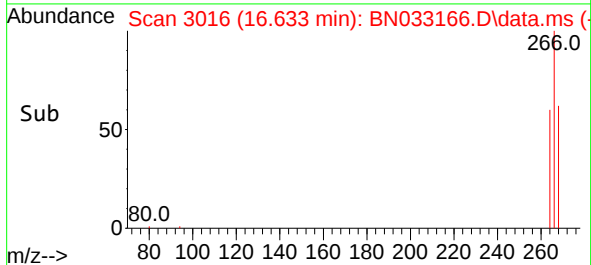
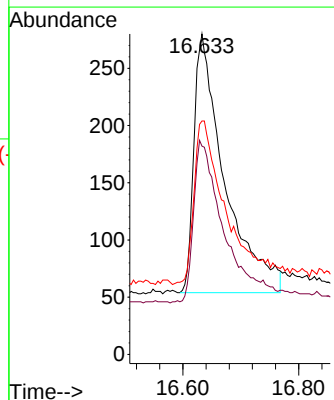
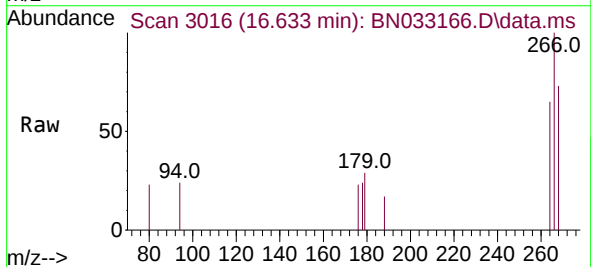
Instrument :
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ClientSampleId :
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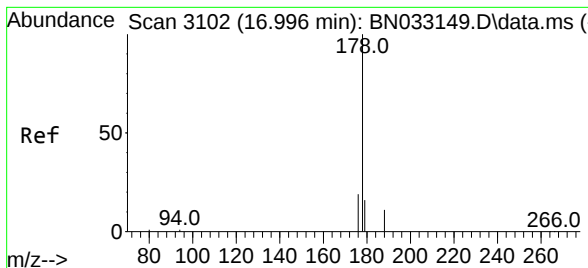
Tgt Ion:166 Resp: 5584
Ion Ratio Lower Upper
166 100
165 100.6 79.6 119.4
167 15.8 12.2 18.4



#14
Pentachlorophenol
Concen: 0.440 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:266 Resp: 828
Ion Ratio Lower Upper
266 100
264 63.4 49.3 73.9
268 67.6 51.8 77.8





#15

Phenanthrene

Concen: 0.335 ng/ul

RT: 16.975 min Scan# 3097

Delta R.T. -0.008 min

Lab File: BN033166.D

Acq: 01 Aug 2024 13:08

Instrument :

BNA_N

ClientSampleId :

SLCS306

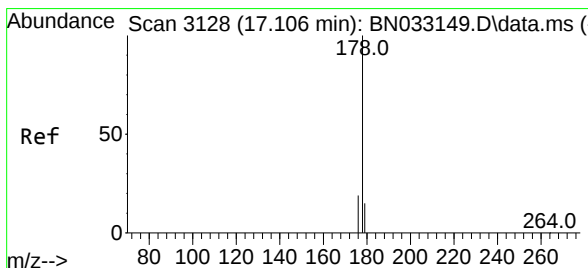
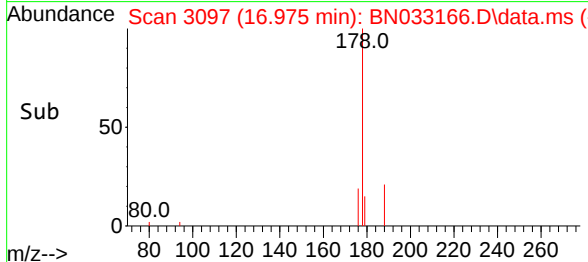
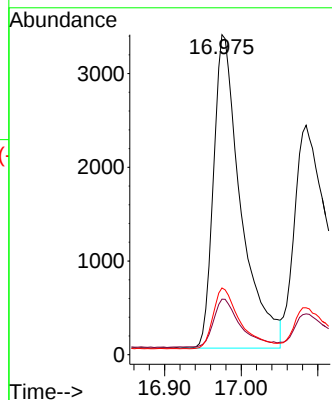
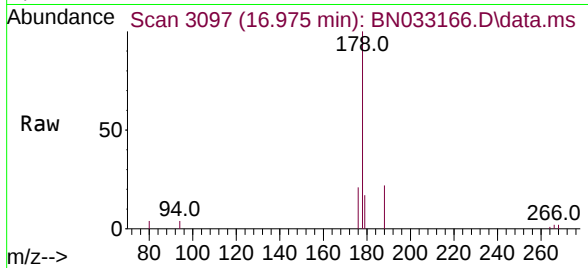
Tgt Ion:178 Resp: 8294

Ion Ratio Lower Upper

178 100

179 17.4 13.7 20.5

176 20.9 15.9 23.9



#16

Anthracene

Concen: 0.310 ng/ul

RT: 17.085 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BN033166.D

Acq: 01 Aug 2024 13:08

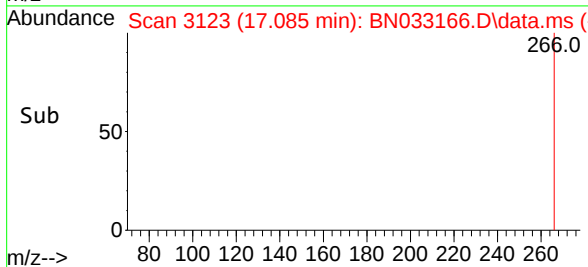
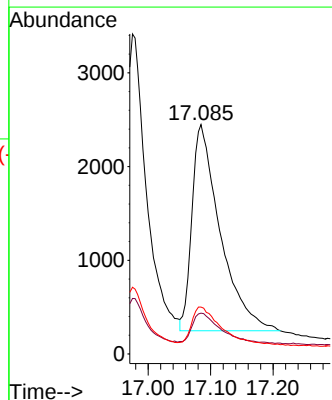
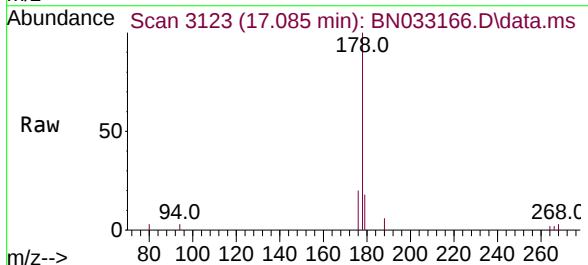
Tgt Ion:178 Resp: 6907

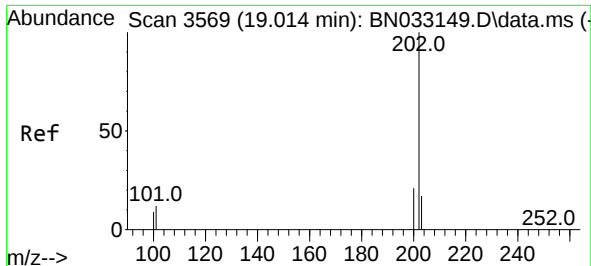
Ion Ratio Lower Upper

178 100

179 17.8 14.3 21.5

176 20.4 15.8 23.8

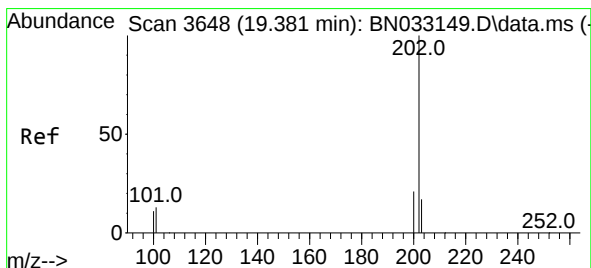
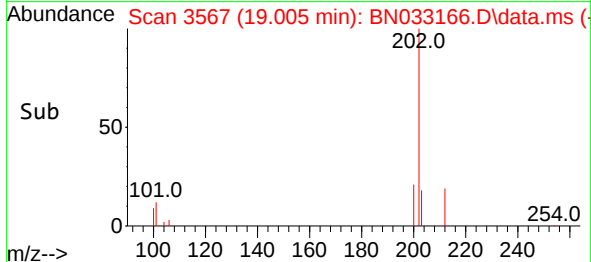
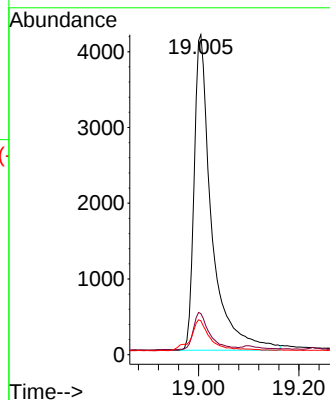
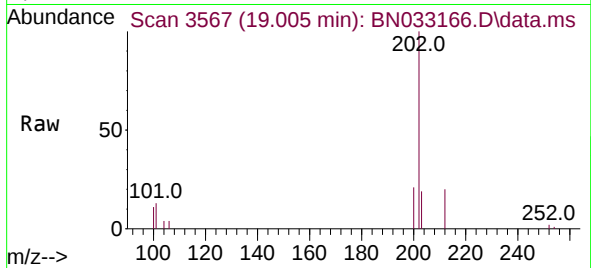




#19
Fluoranthene
Concen: 0.393 ng/u1
RT: 19.005 min Scan# 3567
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

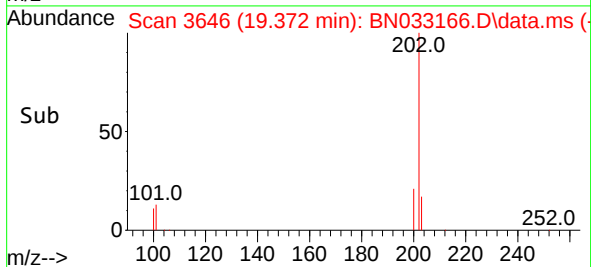
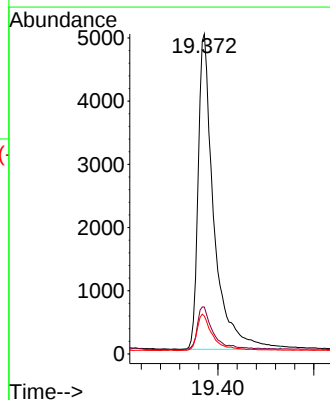
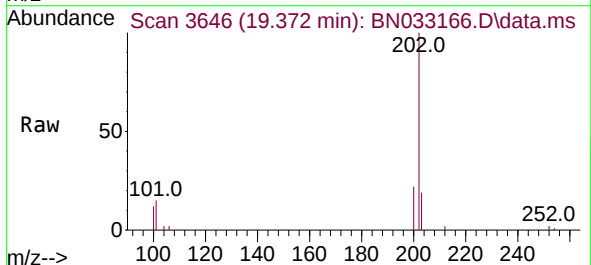
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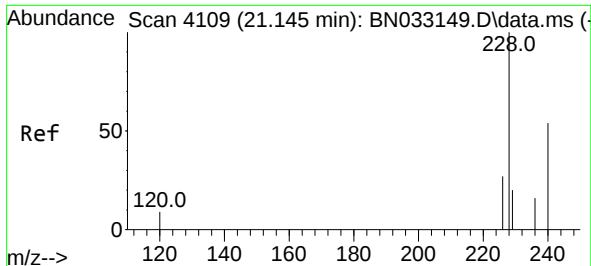
Tgt Ion:202 Resp: 10096
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 10.6 8.3 12.5



#20
Pyrene
Concen: 0.413 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

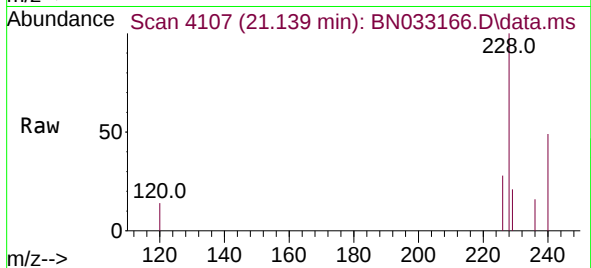
Tgt Ion:202 Resp: 11375
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.8 9.9 14.9



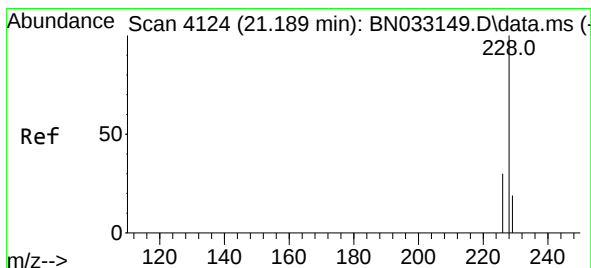
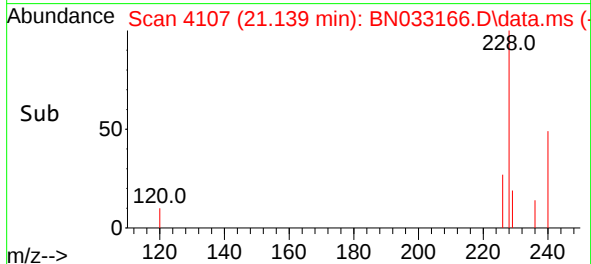
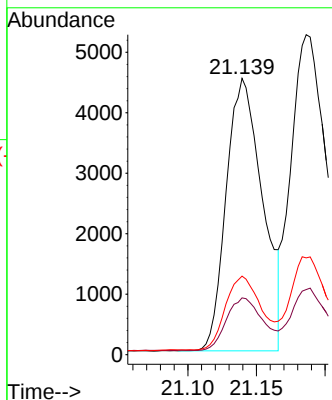


#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.139 min Scan# 4109
Delta R.T. 0.003 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Instrument :
BNA_N
ClientSampleId :
SLCS306

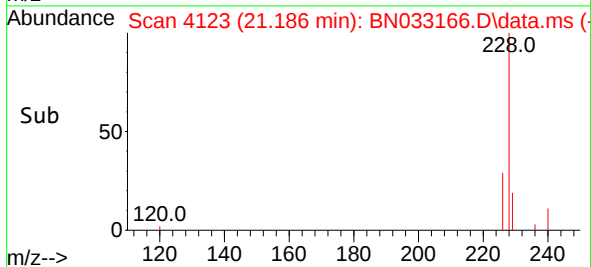
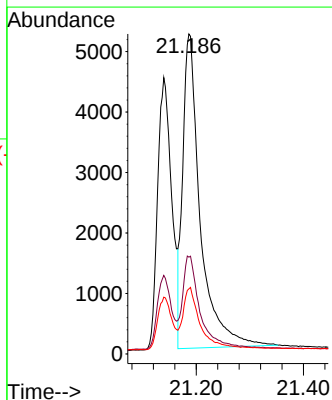
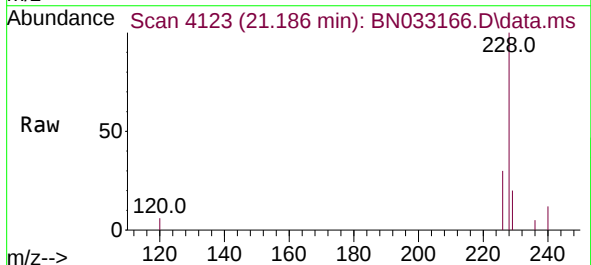


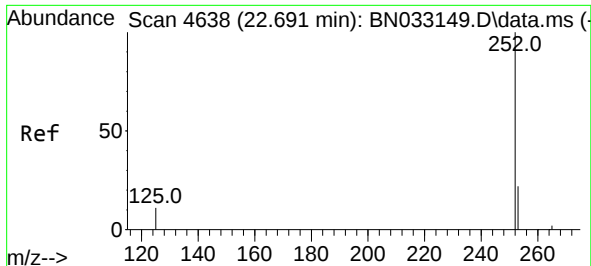
Tgt Ion:228 Resp: 8309
Ion Ratio Lower Upper
228 100
229 20.6 17.1 25.7
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

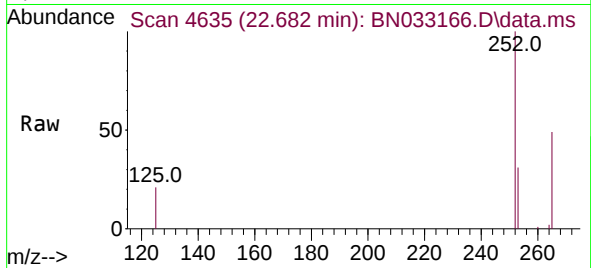
Tgt Ion:228 Resp: 11806
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 20.4 17.0 25.6



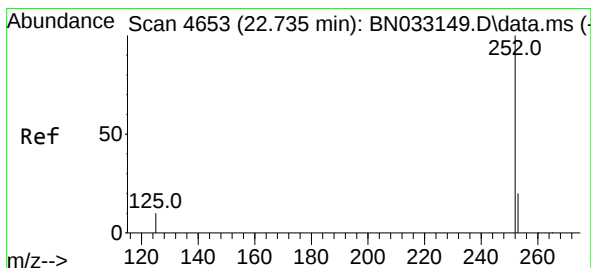
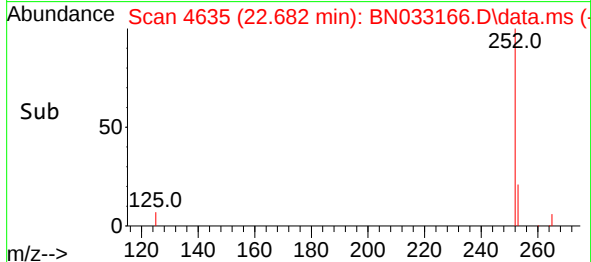
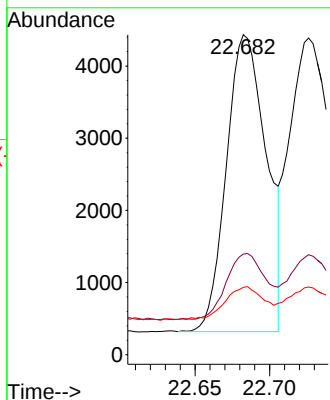


#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Instrument :
BNA_N
ClientSampleId :
SLCS306

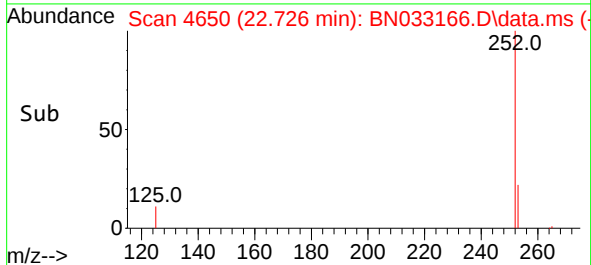
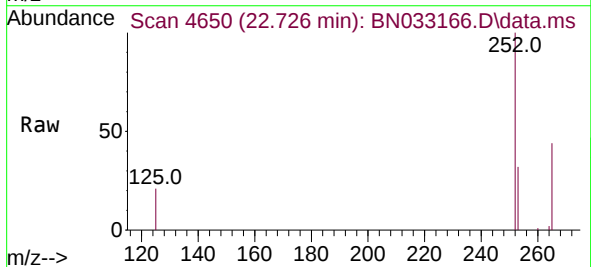
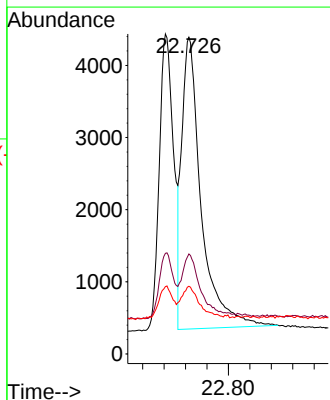


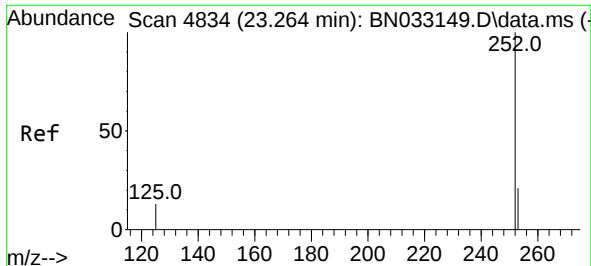
Tgt Ion:252 Resp: 7676
Ion Ratio Lower Upper
252 100
253 31.5 0.0 60.6
125 21.1 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.726 min Scan# 4650
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:252 Resp: 10156
Ion Ratio Lower Upper
252 100
253 31.6 24.9 37.3
125 21.4 20.9 31.3

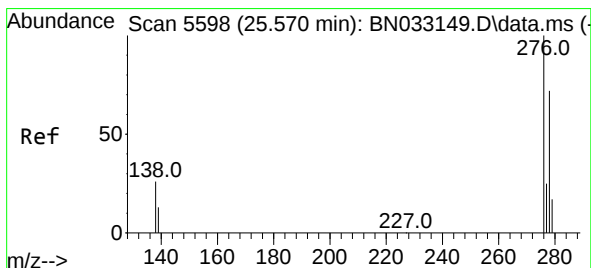
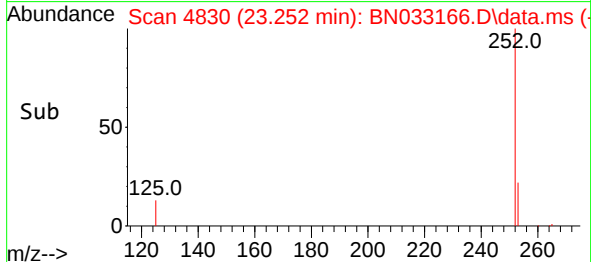
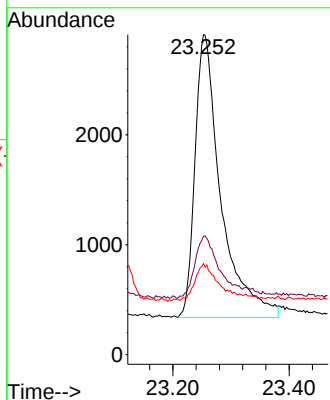
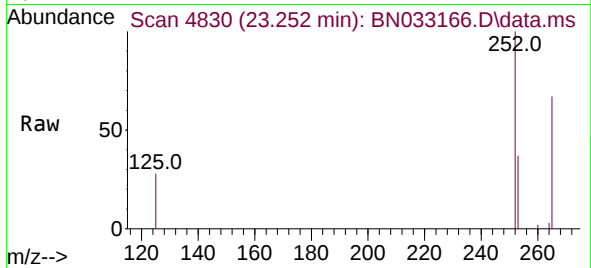




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.252 min Scan# 4830
Delta R.T. 0.003 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

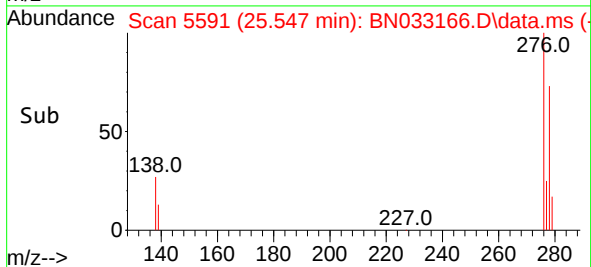
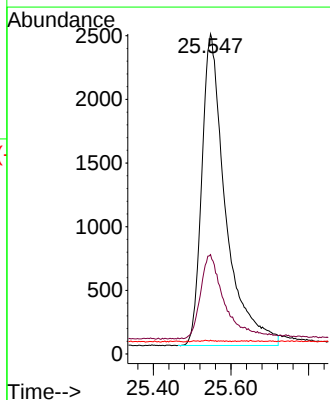
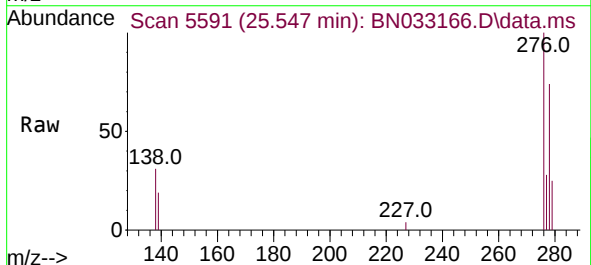
Instrument :
BNA_N
ClientSampleId :
SLCS306

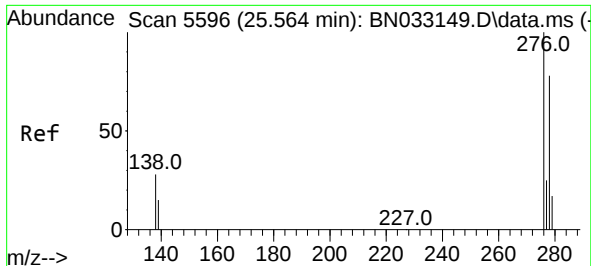
Tgt Ion:252 Resp: 7934
Ion Ratio Lower Upper
252 100
253 37.0 27.5 41.3
125 28.5 27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.547 min Scan# 5591
Delta R.T. 0.007 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:276 Resp: 10399
Ion Ratio Lower Upper
276 100
138 27.5 21.8 32.8
227 0.1 0.2 0.2#

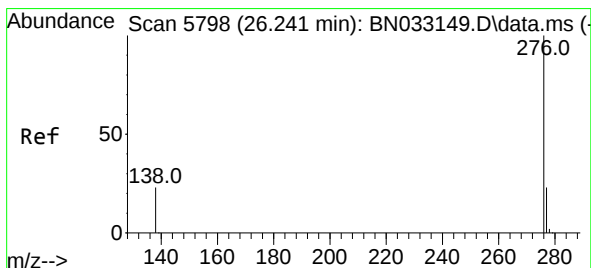
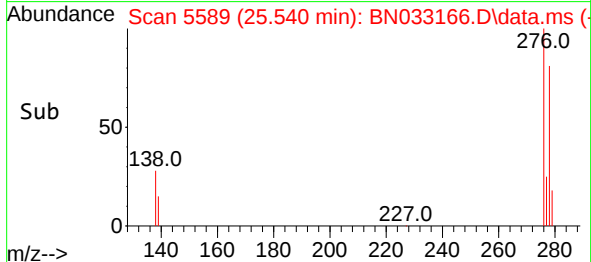
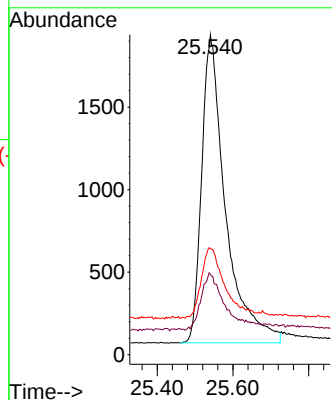
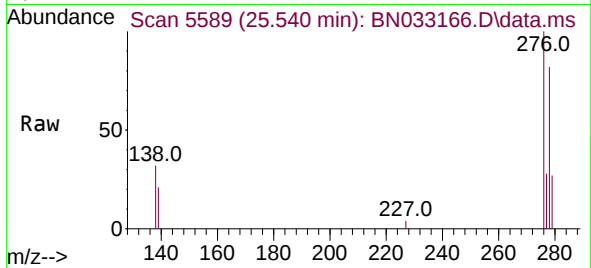




#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 25.540 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Instrument :
BNA_N
ClientSampleId :
SLCS306

Tgt Ion:278 Resp: 8152
Ion Ratio Lower Upper
278 100
139 25.1 22.5 33.7
279 33.2 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 26.218 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BN033166.D
Acq: 01 Aug 2024 13:08

Tgt Ion:276 Resp: 8577
Ion Ratio Lower Upper
276 100
138 29.7 24.6 37.0
277 27.7 22.6 34.0

