

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033148.D
 Acq On : 01 Aug 2024 01:41
 Operator : MA/JU
 Sample : PB162311BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS311

Quant Time: Aug 01 02:06:25 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)

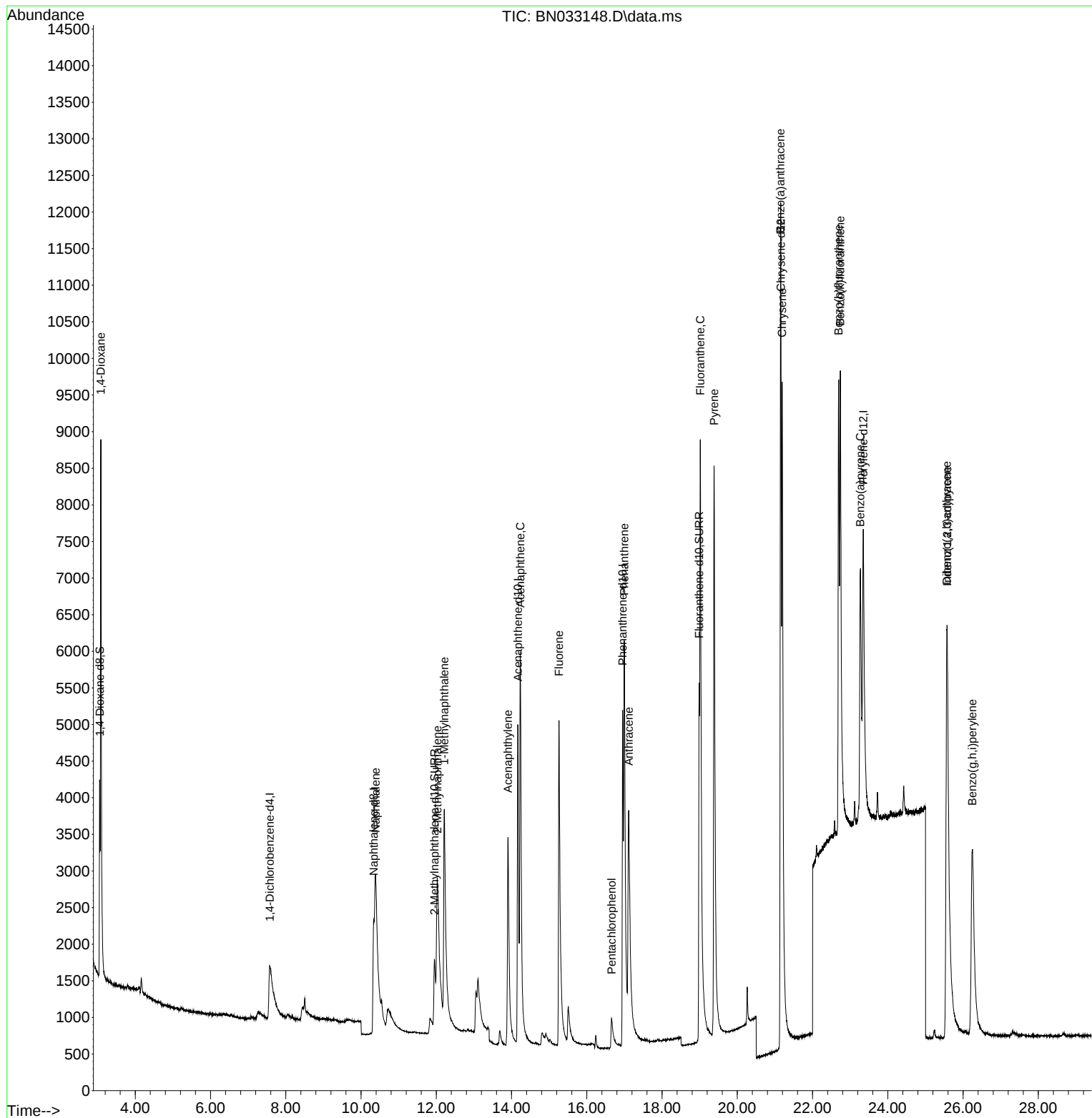
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.579	152	1659	0.400	ng/ul	0.03
4) Naphthalene-d8	10.339	136	6780	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.171	164	4392	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	9593	0.400	ng/ul	0.01
17) Chrysene-d12	21.157	240	8292	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	7950	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	2049	0.976	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.950	152	3639	0.329	ng/ul	0.02
18) Fluoranthene-d10	18.986	212	9656	0.411	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.085	88	5793	2.421	ng/ul#	67
5) Naphthalene	10.388	128	6701	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.027	142	3914	0.332	ng/ul	97
8) 1-Methylnaphthalene	12.214	142	4212	0.330	ng/ul	98
10) Acenaphthylene	13.907	152	6310	0.351	ng/ul	98
11) Acenaphthene	14.231	153	5588	0.413	ng/ul	99
12) Fluorene	15.263	166	5975	0.379	ng/ul	98
14) Pentachlorophenol	16.658	266	755	0.387	ng/ul	98
15) Phenanthrene	16.996	178	9307	0.362	ng/ul	99
16) Anthracene	17.114	178	7476	0.323	ng/ul	97
19) Fluoranthene	19.018	202	11913	0.436	ng/ul	99
20) Pyrene	19.386	202	12670	0.433	ng/ul	99
21) Benzo(a)anthracene	21.148	228	9061	0.320	ng/ul	99
22) Chrysene	21.192	228	13769	0.417	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	9384	0.404	ng/ul	95
25) Benzo(k)fluoranthene	22.738	252	12949	0.465	ng/ul#	93
26) Benzo(a)pyrene	23.270	252	9387	0.429	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.580	276	11546	0.347	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.567	278	8911	0.338	ng/ul	94
29) Benzo(g,h,i)perylene	26.248	276	9654	0.366	ng/ul	97

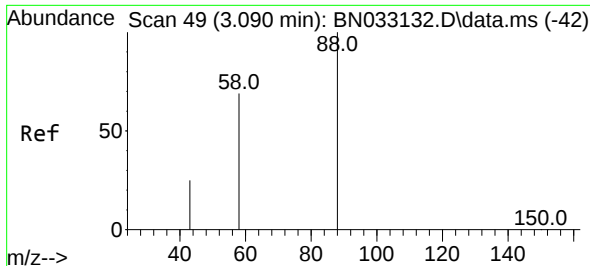
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033148.D
Acq On : 01 Aug 2024 01:41
Operator : MA/JU
Sample : PB162311BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS311

Quant Time: Aug 01 02:06:25 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

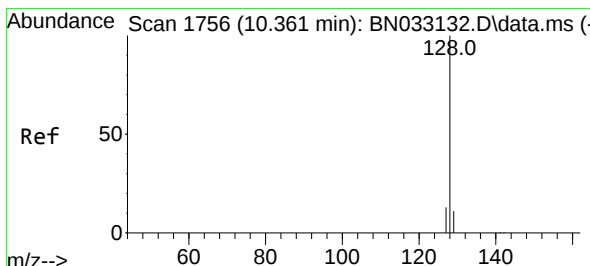
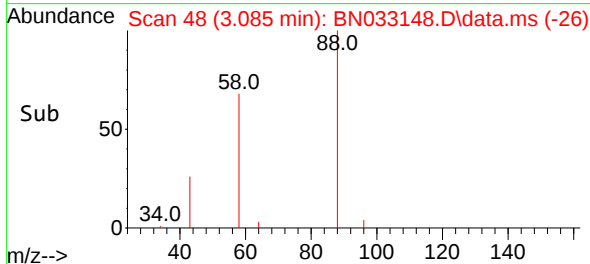
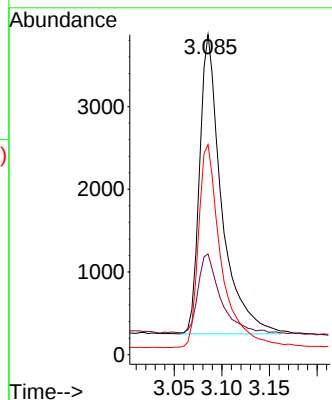
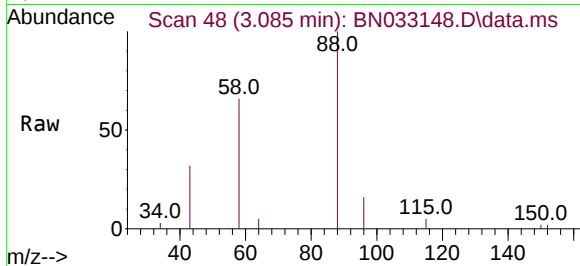




#2
1,4-Dioxane
Concen: 2.421 ng/ul
RT: 3.085 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

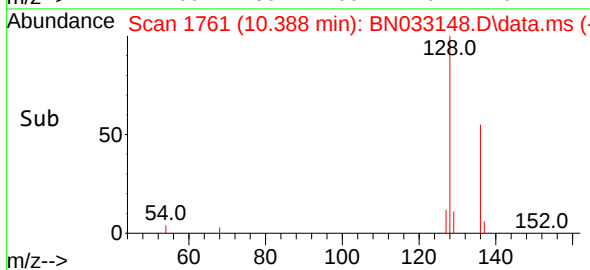
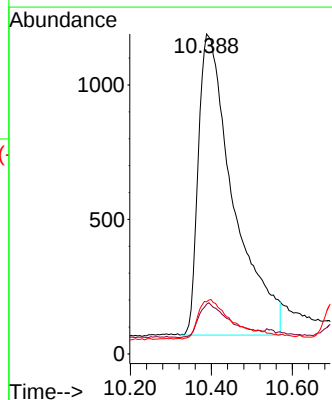
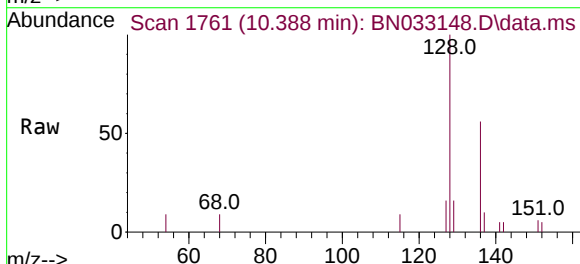
Instrument :
BNA_N
ClientSampleId :
SLCS311

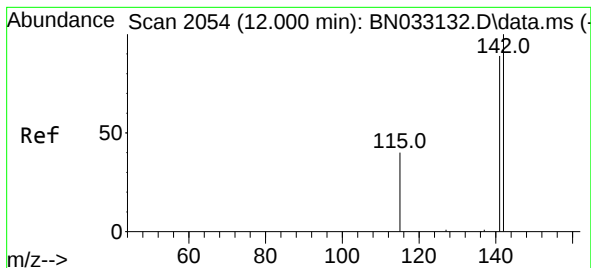
Tgt Ion: 88 Resp: 5793
Ion Ratio Lower Upper
88 100
43 31.5 63.4 95.2#
58 65.6 49.4 74.0



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.011 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion: 128 Resp: 6701
Ion Ratio Lower Upper
128 100
129 15.5 12.0 18.0
127 16.3 12.7 19.1

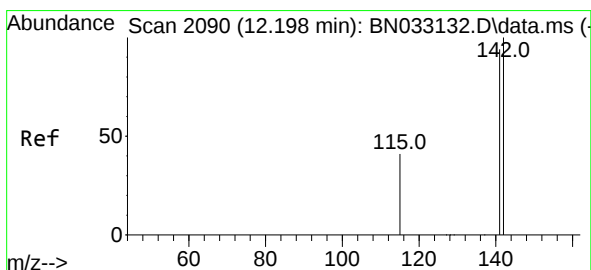
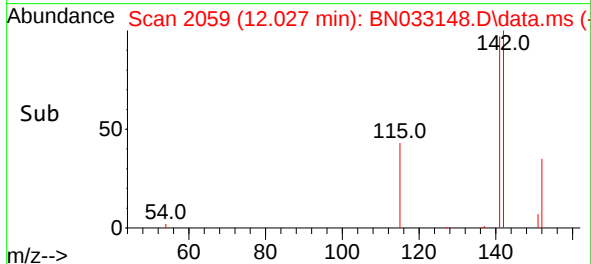
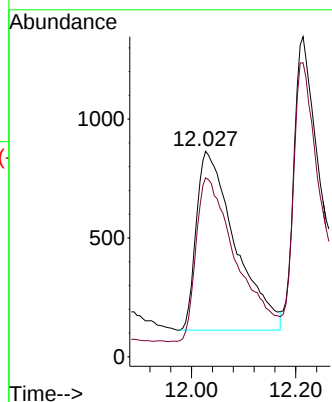
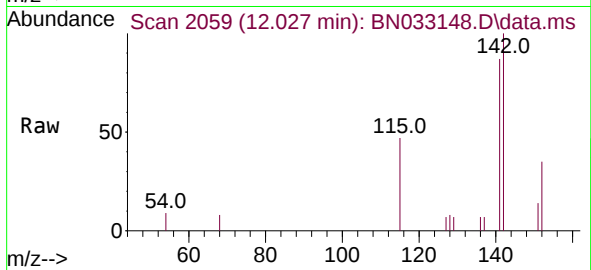




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.027 min Scan# 2059
Delta R.T. 0.022 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

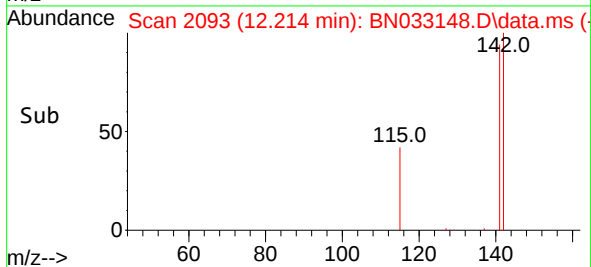
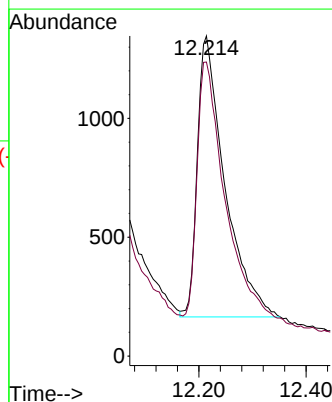
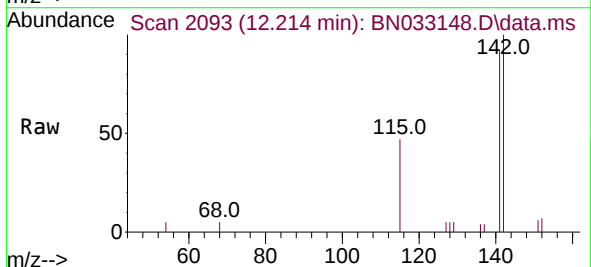
Instrument :
BNA_N
ClientSampleId :
SLCS311

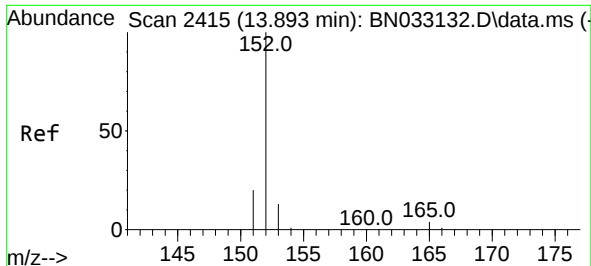
Tgt Ion:142 Resp: 3914
Ion Ratio Lower Upper
142 100
141 97.1 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.214 min Scan# 2093
Delta R.T. 0.017 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:142 Resp: 4212
Ion Ratio Lower Upper
142 100
141 91.3 74.3 111.5

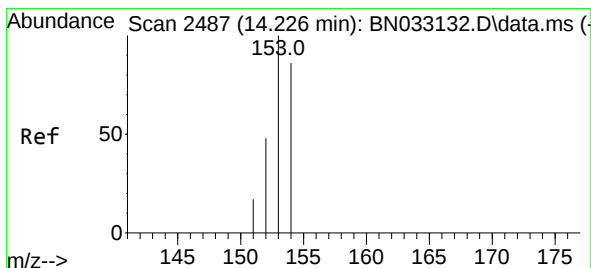
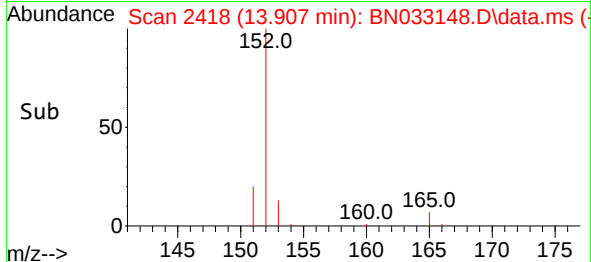
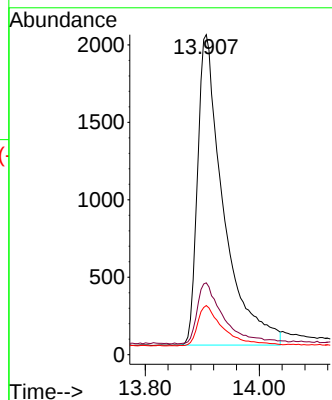
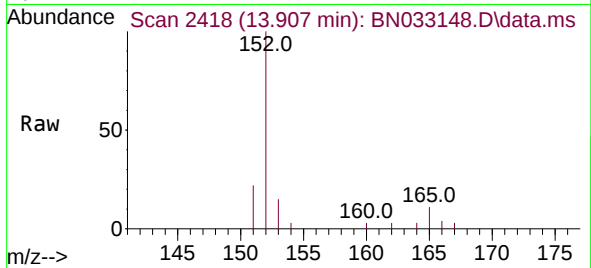




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.907 min Scan# 2415
Delta R.T. 0.009 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

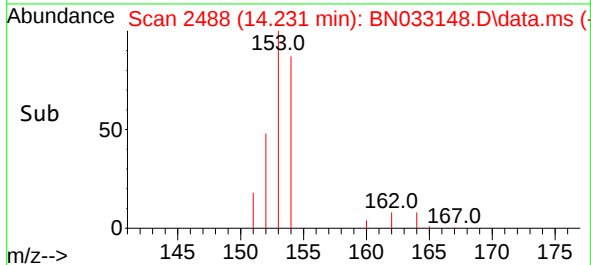
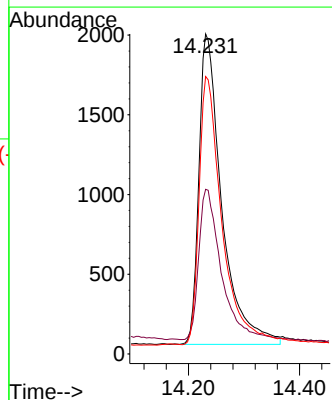
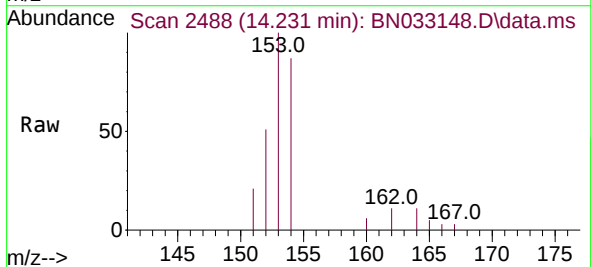
Instrument :
BNA_N
ClientSampleId :
SLCS311

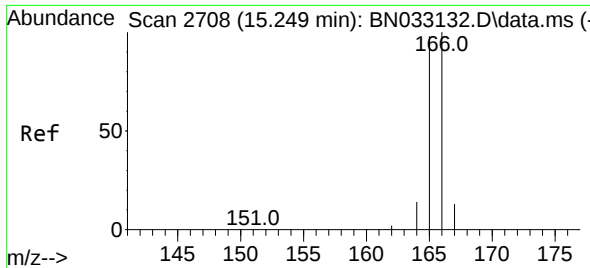
Tgt Ion:152 Resp: 6310
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2
153 15.3 11.9 17.9



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. 0.005 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:153 Resp: 5588
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 86.7 70.1 105.1

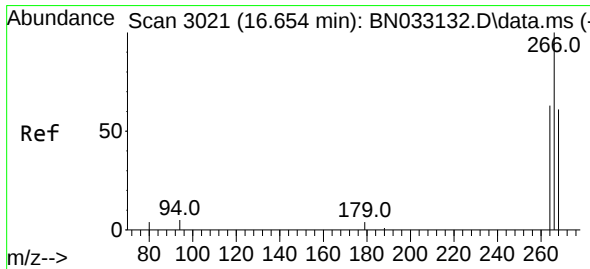
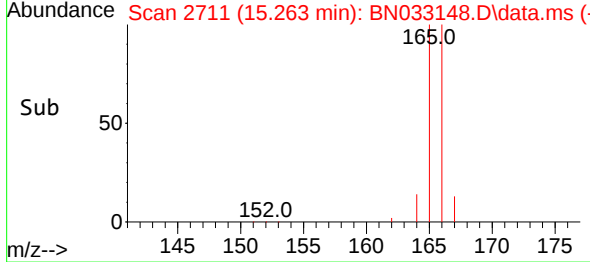
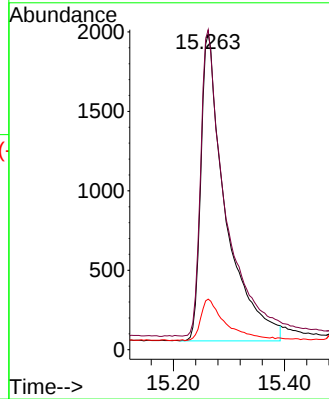
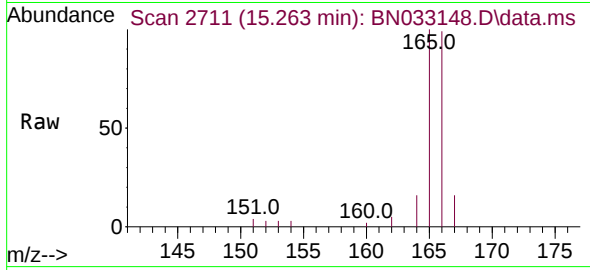




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.263 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

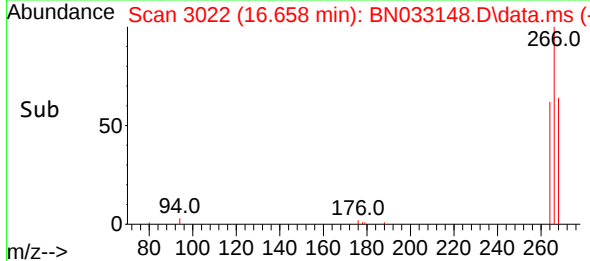
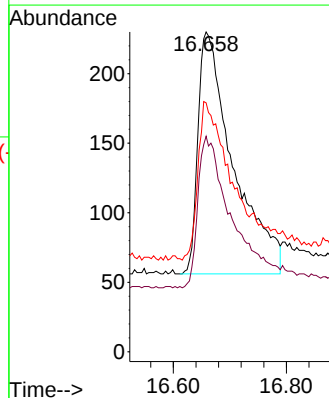
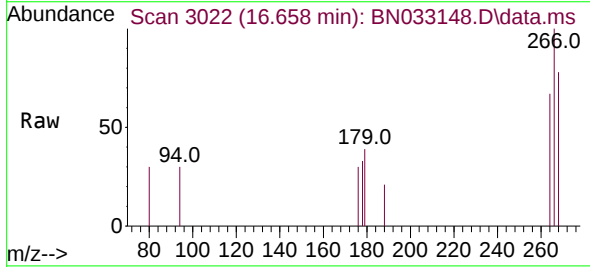
Instrument :
BNA_N
ClientSampleId :
SLCS311

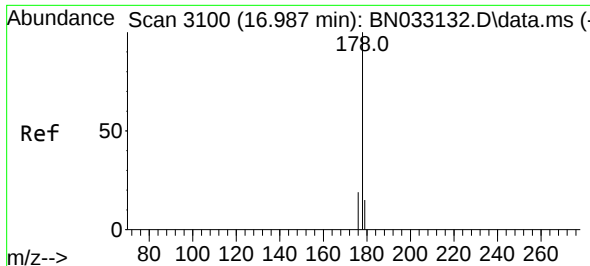
Tgt Ion:166	Resp:	5975
Ion Ratio	Lower	Upper
166	100	
165	101.4	79.6 119.4
167	16.1	12.2 18.4



#14
Pentachlorophenol
Concen: 0.387 ng/ul
RT: 16.658 min Scan# 3022
Delta R.T. 0.017 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:266	Resp:	755
Ion Ratio	Lower	Upper
266	100	
264	61.7	49.3 73.9
268	67.3	51.8 77.8

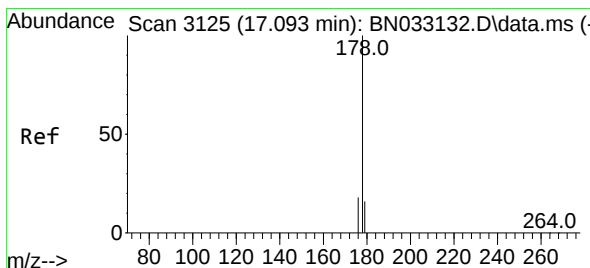
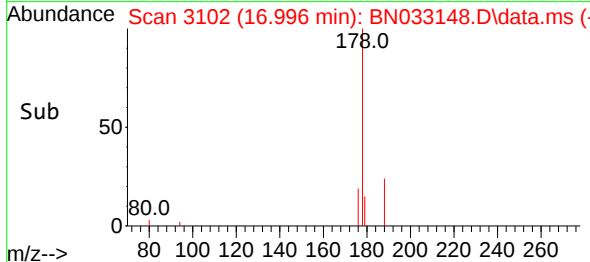
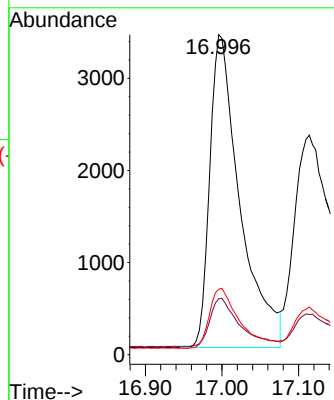
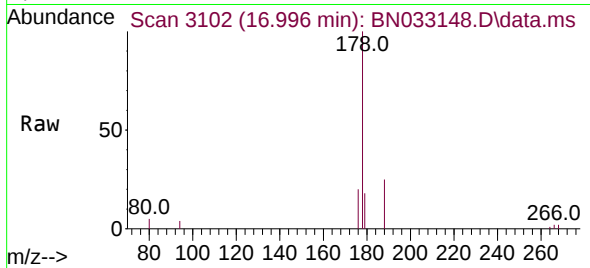




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 16.996 min Scan# 3102
Delta R.T. 0.013 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

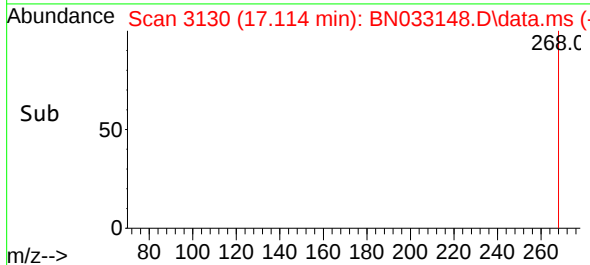
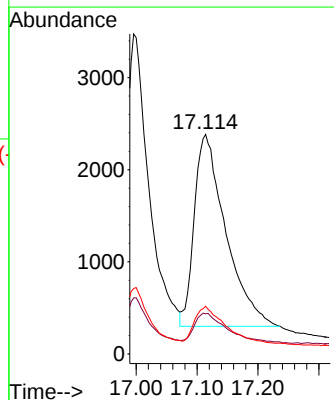
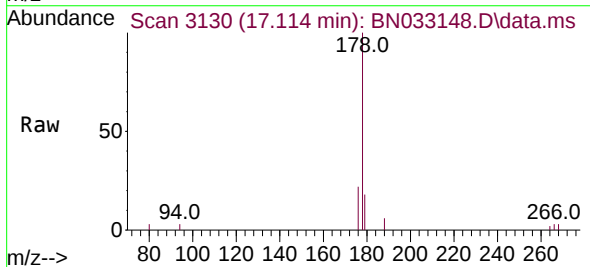
Instrument :
BNA_N
ClientSampleId :
SLCS311

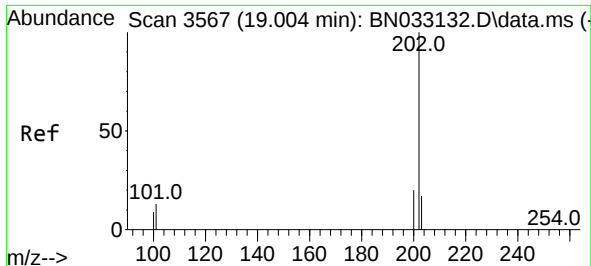
Tgt Ion:178 Resp: 9307
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 20.4 15.9 23.9



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.114 min Scan# 3130
Delta R.T. 0.025 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:178 Resp: 7476
Ion Ratio Lower Upper
178 100
179 18.3 14.3 21.5
176 21.7 15.8 23.8

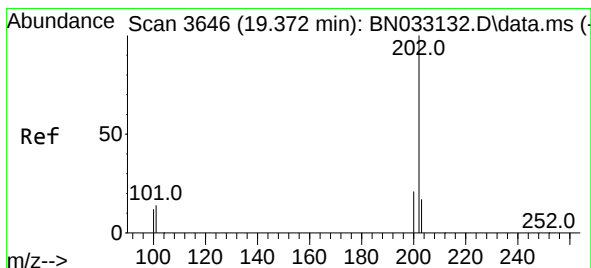
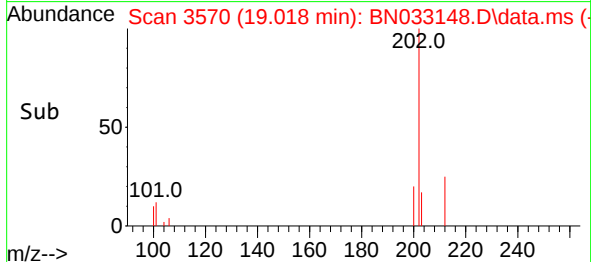
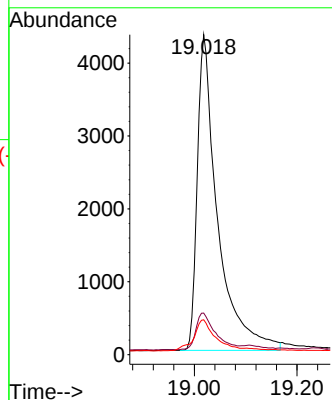
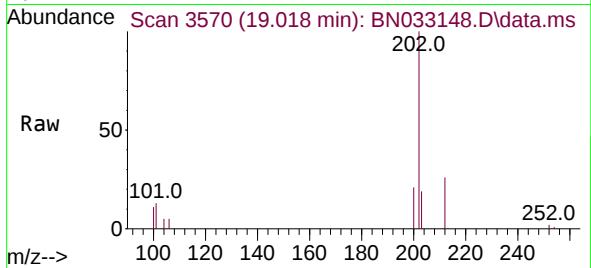




#19
Fluoranthene
Concen: 0.436 ng/ul
RT: 19.018 min Scan# 3570
Delta R.T. 0.014 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

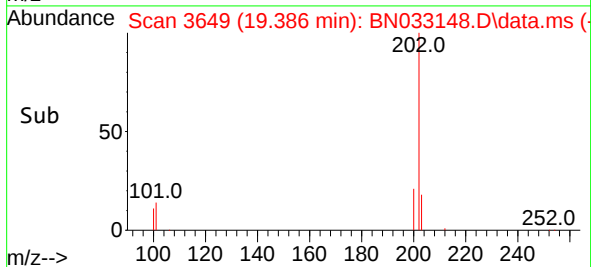
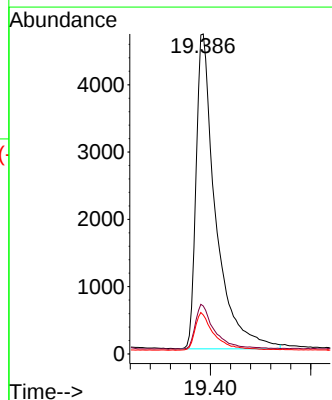
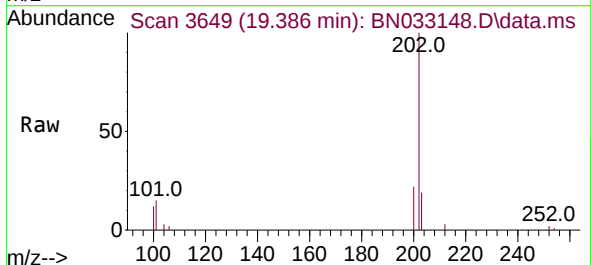
Instrument :
BNA_N
ClientSampleId :
SLCS311

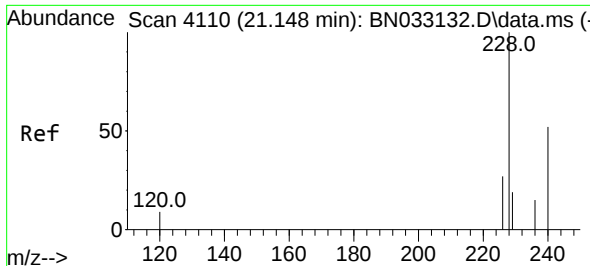
Tgt Ion:202 Resp: 11913
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.9 8.3 12.5



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.386 min Scan# 3649
Delta R.T. 0.014 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:202 Resp: 12670
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.2 9.9 14.9

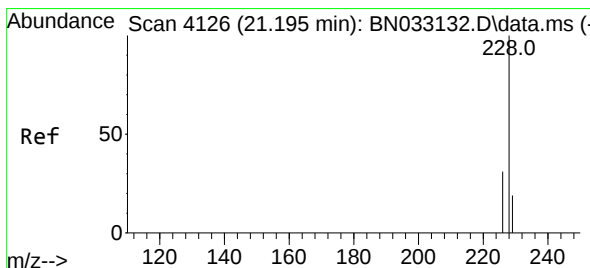
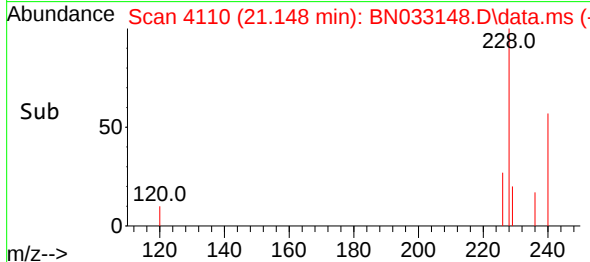
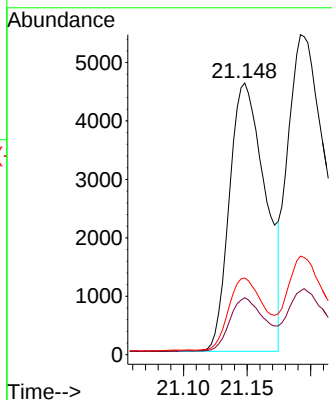
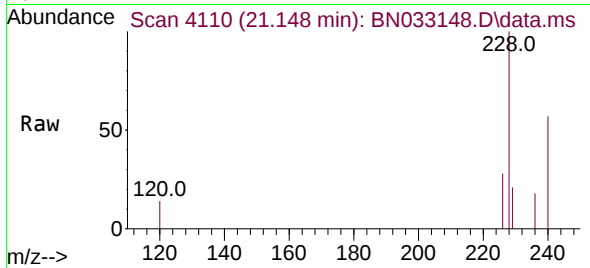




#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. 0.012 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

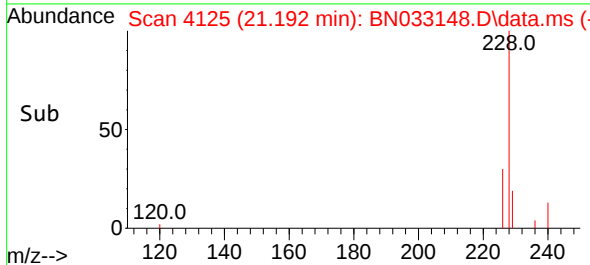
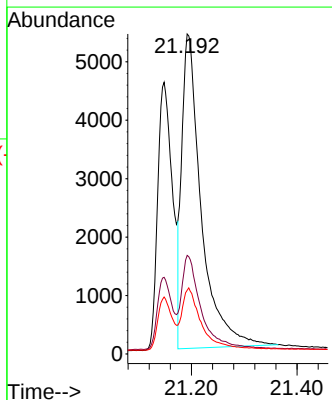
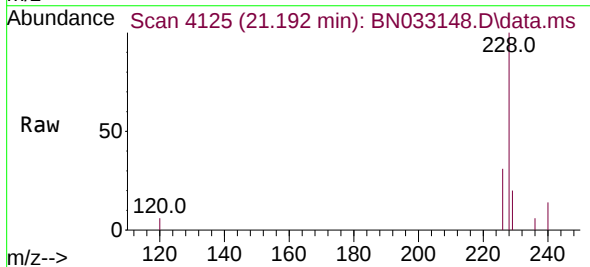
Instrument :
BNA_N
ClientSampleId :
SLCS311

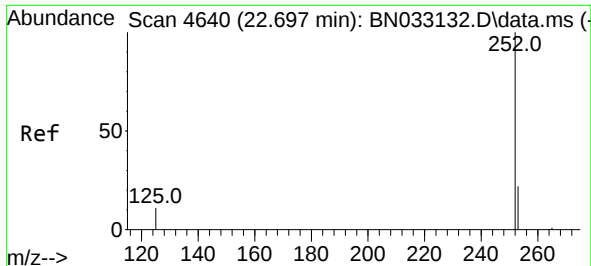
Tgt Ion:228 Resp: 9061
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 28.2 22.4 33.6



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.192 min Scan# 4125
Delta R.T. 0.003 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

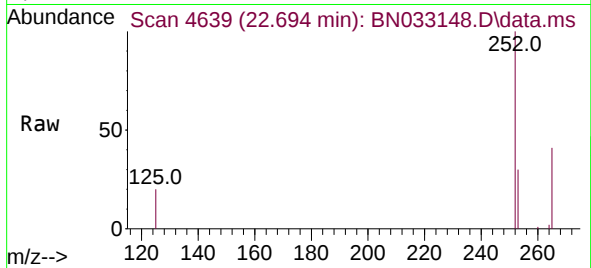
Tgt Ion:228 Resp: 13769
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.9 17.0 25.6



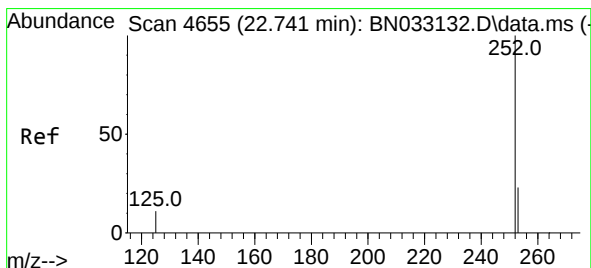
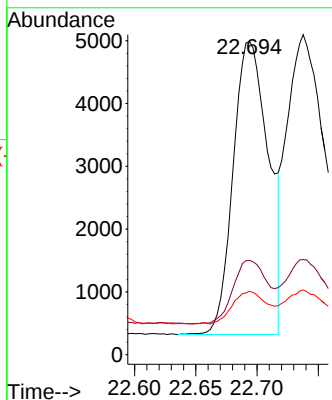


#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. 0.012 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Instrument :
BNA_N
ClientSampleId :
SLCS311

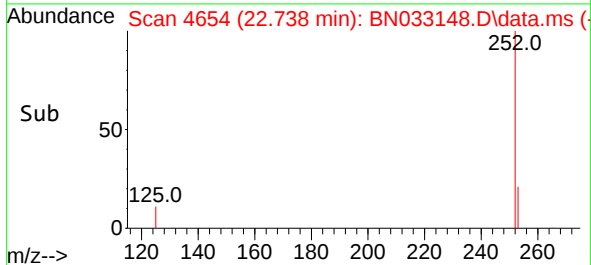
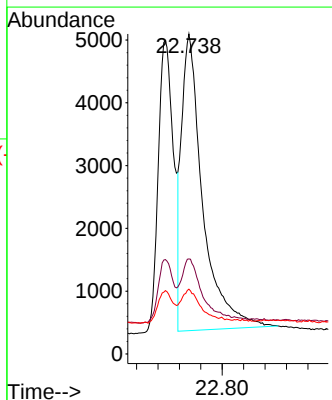
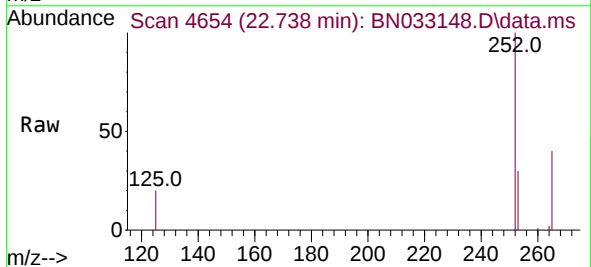


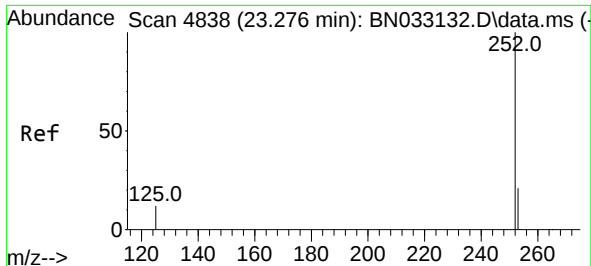
Tgt Ion:252 Resp: 9384
Ion Ratio Lower Upper
252 100
253 30.1 0.0 60.6
125 20.2 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. 0.012 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:252 Resp: 12949
Ion Ratio Lower Upper
252 100
253 29.7 24.9 37.3
125 20.2 20.9 31.3#

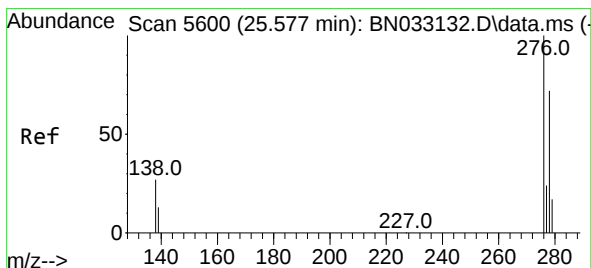
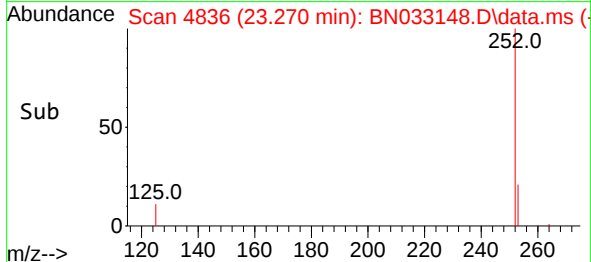
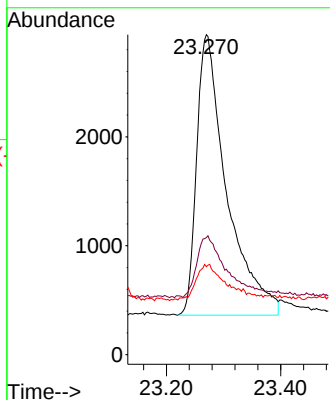
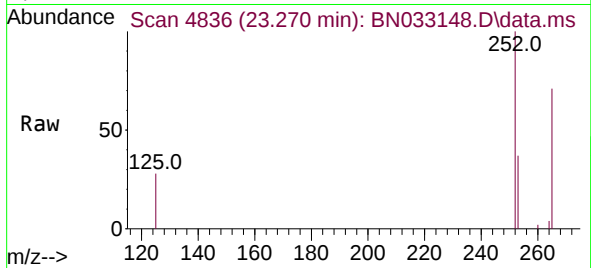




#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.270 min Scan# 4838
Delta R.T. 0.020 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

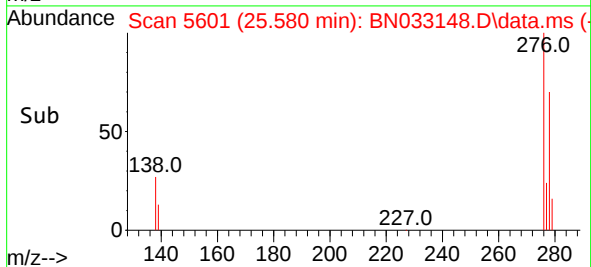
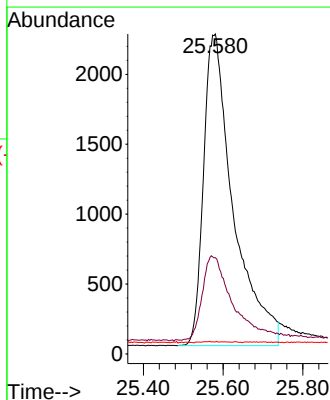
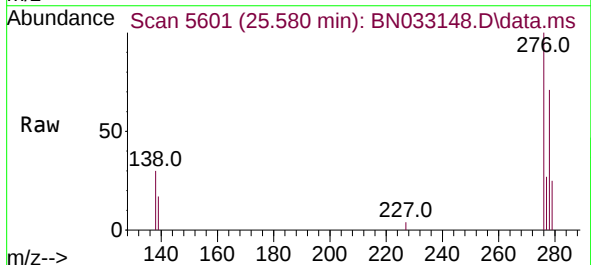
Instrument :
BNA_N
ClientSampleId :
SLCS311

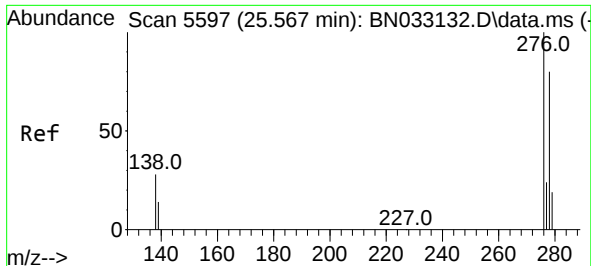
Tgt Ion:252 Resp: 9387
Ion Ratio Lower Upper
252 100
253 36.6 27.5 41.3
125 27.5 27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 25.580 min Scan# 5601
Delta R.T. 0.040 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:276 Resp: 11546
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.8
227 0.3 0.2 0.2#

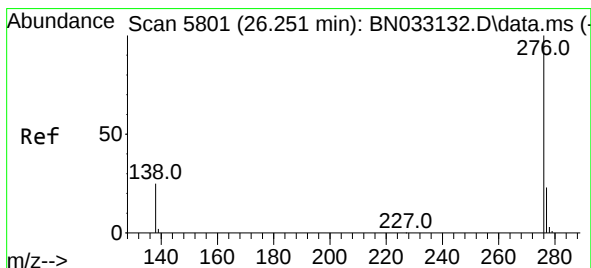
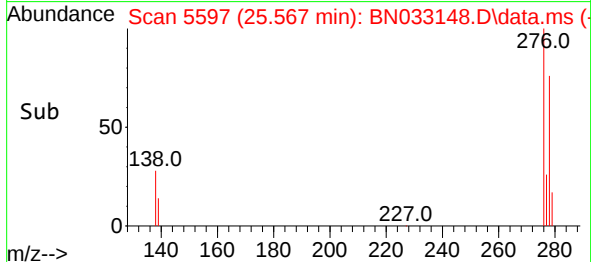
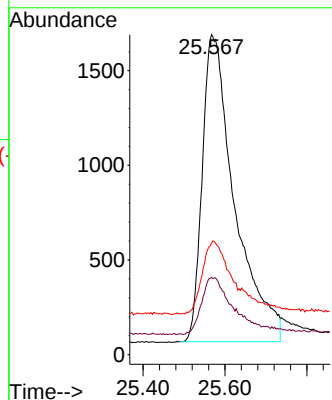
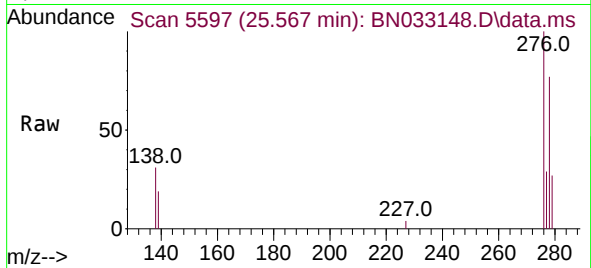




#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 25.567 min Scan# 51
Delta R.T. 0.027 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Instrument :
BNA_N
ClientSampleId :
SLCS311

Tgt Ion:278 Resp: 8911
Ion Ratio Lower Upper
278 100
139 24.1 22.5 33.7
279 34.9 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 26.248 min Scan# 5800
Delta R.T. 0.030 min
Lab File: BN033148.D
Acq: 01 Aug 2024 01:41

Tgt Ion:276 Resp: 9654
Ion Ratio Lower Upper
276 100
138 28.8 24.6 37.0
277 27.6 22.6 34.0

