

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033958.D
 Acq On : 15 Sep 2024 18:51
 Operator : JU/RC
 Sample : PB163357BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS357

Quant Time: Sep 16 00:14:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

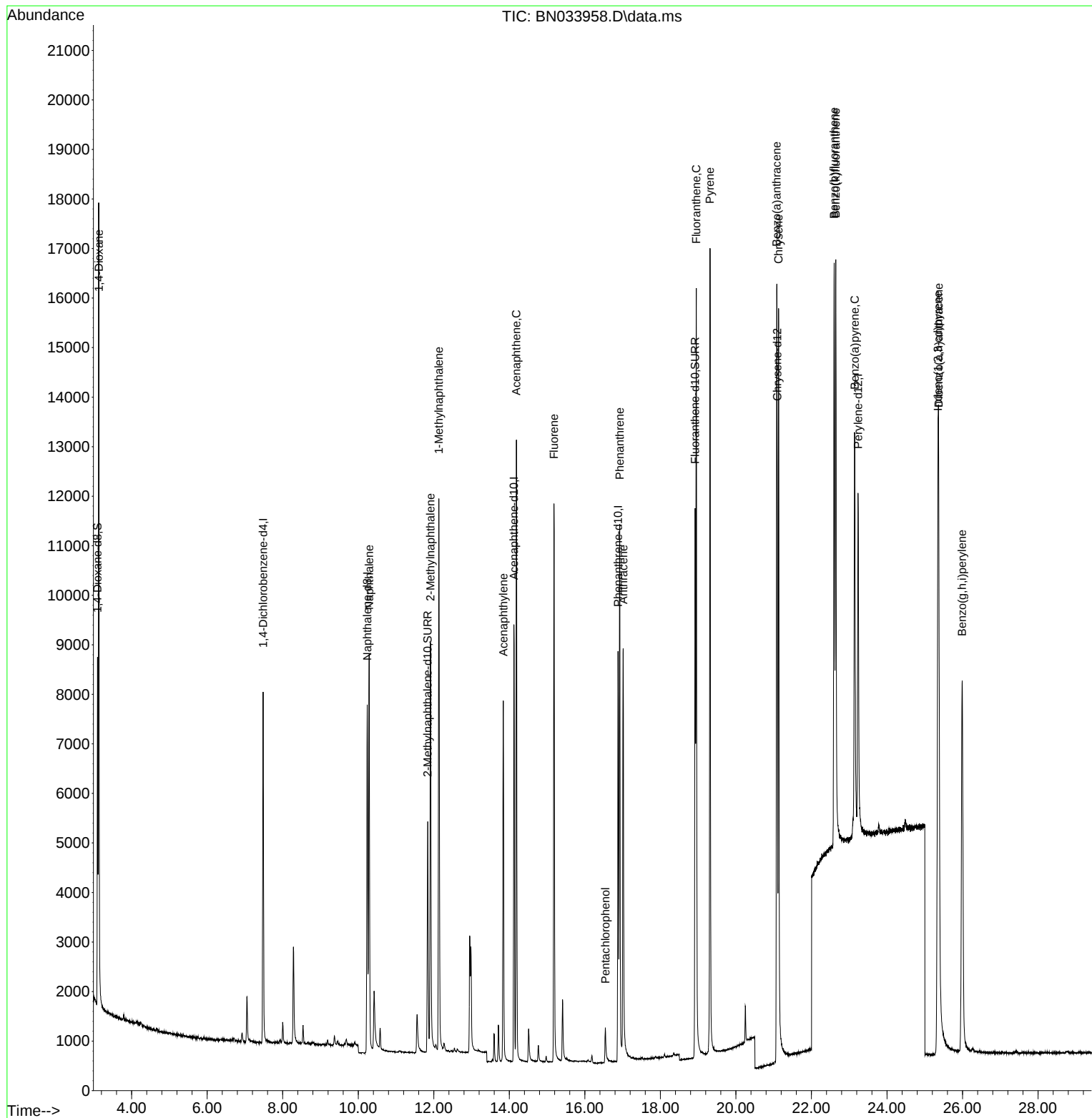
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	3555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	9821	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.123	164	4963	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	10299	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	8615	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	9551	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3779	1.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6784	0.481	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	13391	0.521	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.131	88	9249	2.281	ng/ul#	79
5) Naphthalene	10.288	128	10972	0.418	ng/ul	99
7) 2-Methylnaphthalene	11.916	142	6753	0.406	ng/ul	98
8) 1-Methylnaphthalene	12.136	142	8094	0.473	ng/ul	99
10) Acenaphthylene	13.841	152	8743	0.388	ng/ul	99
11) Acenaphthene	14.188	153	7167	0.441	ng/ul	98
12) Fluorene	15.183	166	7709	0.424	ng/ul	100
14) Pentachlorophenol	16.543	266	719	0.222	ng/ul	99
15) Phenanthrene	16.923	178	12065	0.397	ng/ul	100
16) Anthracene	17.016	178	10388	0.380	ng/ul	100
19) Fluoranthene	18.952	202	13911	0.409	ng/ul	100
20) Pyrene	19.315	202	14583	0.404	ng/ul	99
21) Benzo(a)anthracene	21.080	228	12671	0.374	ng/ul	99
22) Chrysene	21.130	228	15163	0.443	ng/ul	99
24) Benzo(b)fluoranthene	22.602	252	14510	0.391	ng/ul	98
25) Benzo(k)fluoranthene	22.646	252	16224	0.437	ng/ul	98
26) Benzo(a)pyrene	23.146	252	13243	0.445	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.351	276	18467	0.413	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.368	278	14226	0.410	ng/ul	97
29) Benzo(g,h,i)perylene	25.992	276	15192	0.435	ng/ul	99

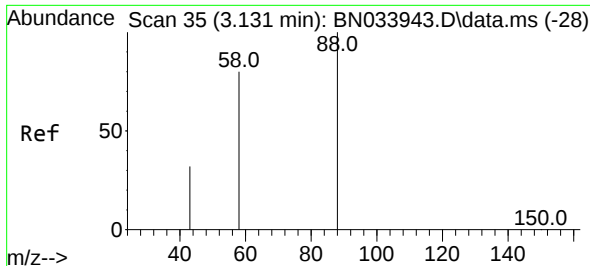
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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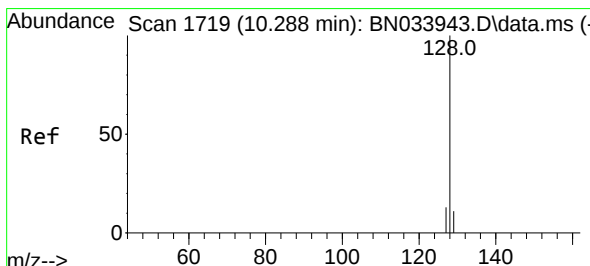
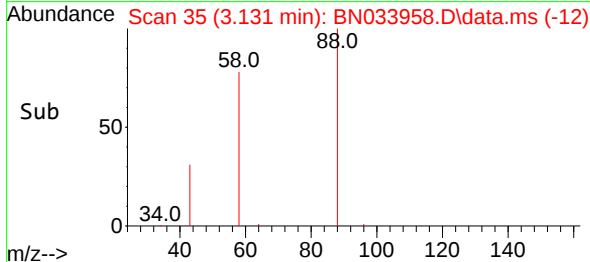
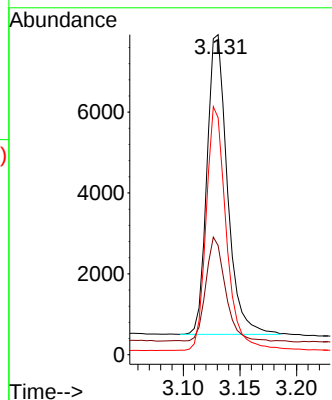
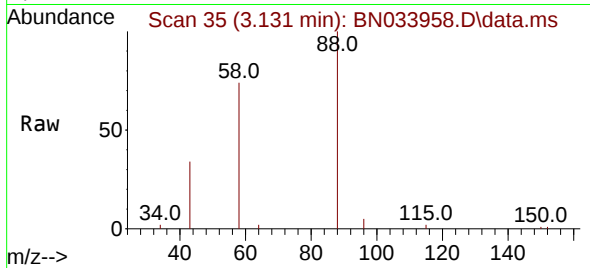




#2
 1,4-Dioxane
 Concen: 2.281 ng/ul
 RT: 3.131 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN033958.D
 Acq: 15 Sep 2024 18:51

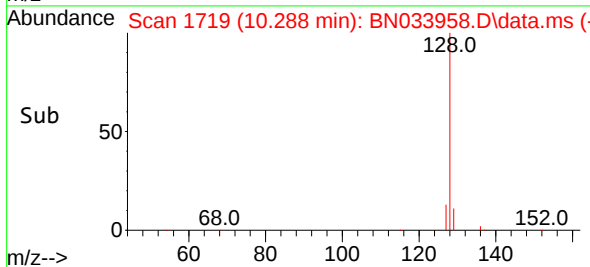
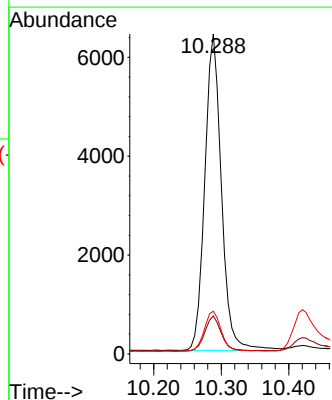
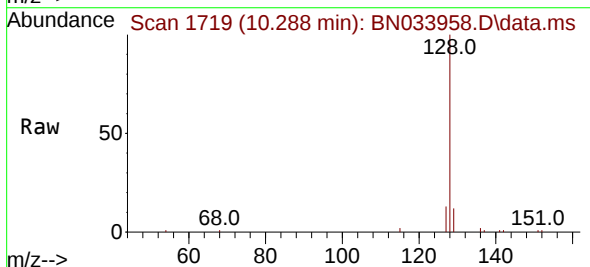
Instrument :
 BNA_N
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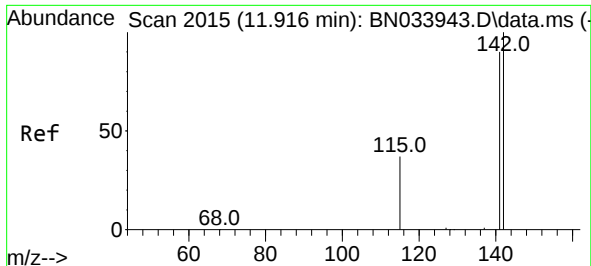
Tgt Ion: 88 Resp: 9249
 Ion Ratio Lower Upper
 88 100
 43 34.1 47.0 70.4#
 58 74.1 53.0 79.4



#5
 Naphthalene
 Concen: 0.418 ng/ul
 RT: 10.288 min Scan# 1719
 Delta R.T. -0.006 min
 Lab File: BN033958.D
 Acq: 15 Sep 2024 18:51

Tgt Ion:128 Resp: 10972
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.3 13.9
 127 13.4 10.8 16.2

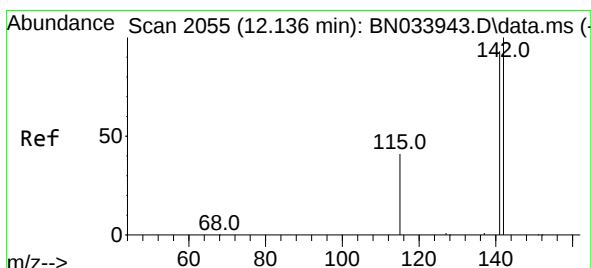
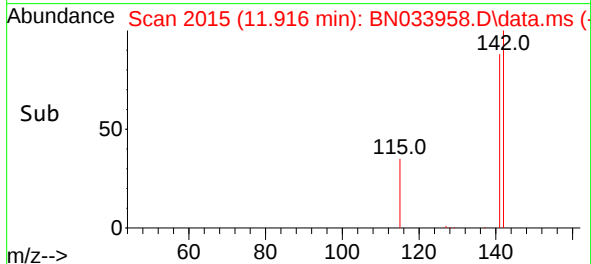
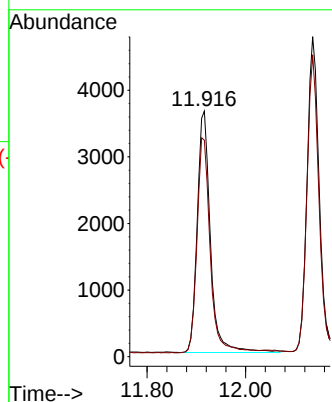
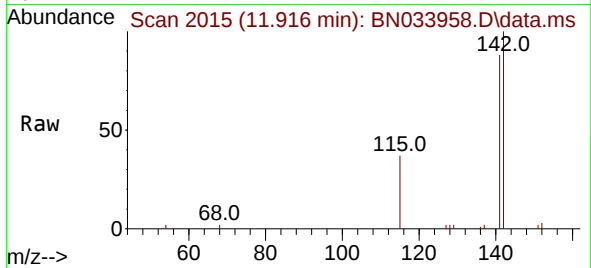




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

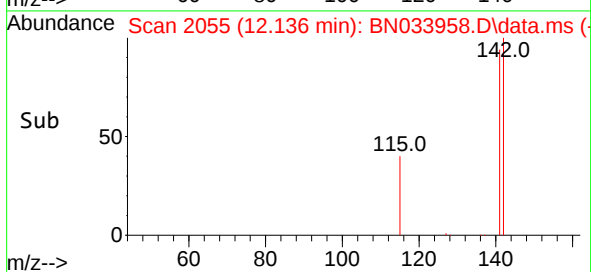
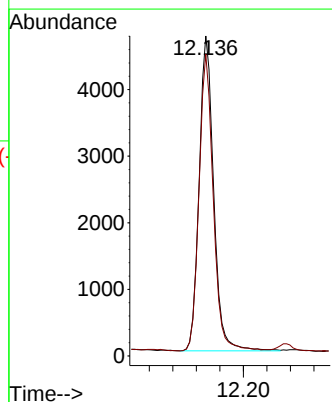
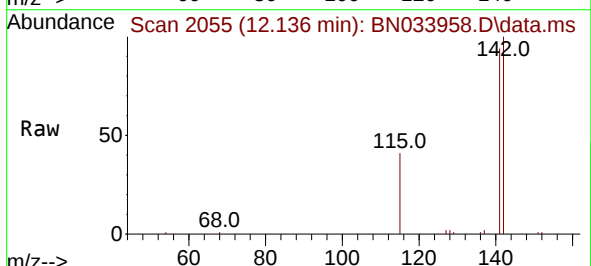
Instrument :
BNA_N
ClientSampleId :
SLCS357

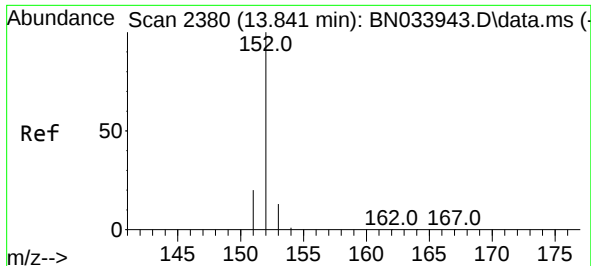
Tgt Ion:142 Resp: 6753
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Tgt Ion:142 Resp: 8094
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

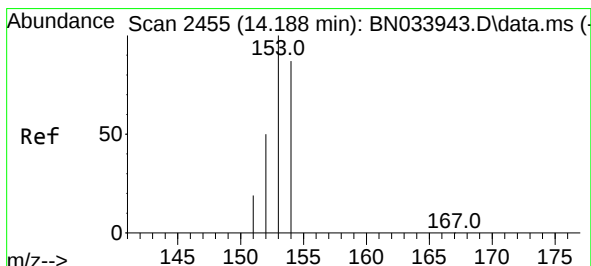
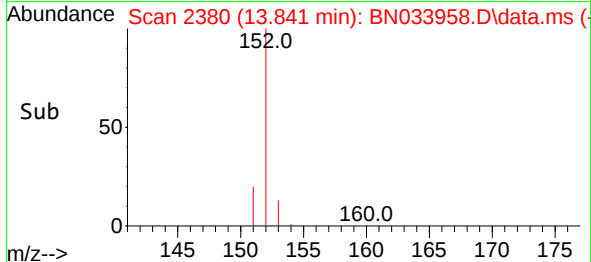
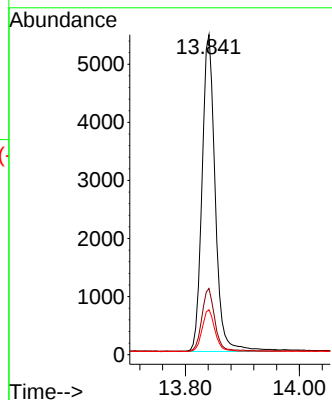
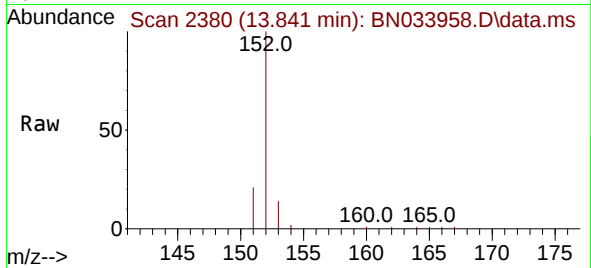




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

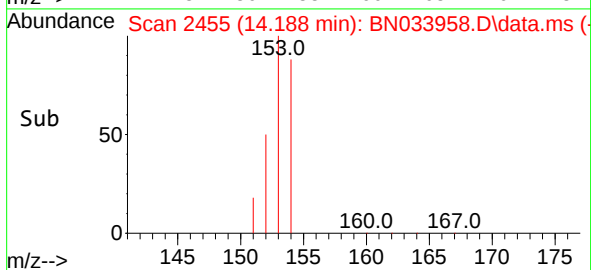
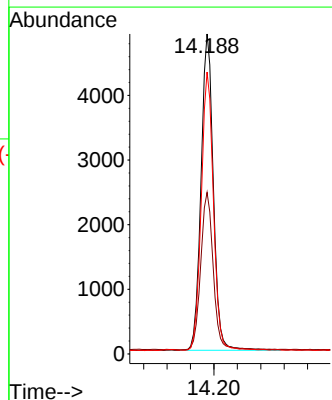
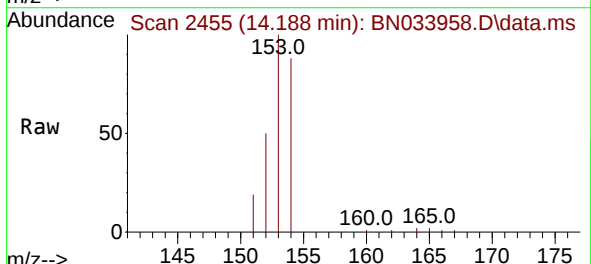
Instrument :
BNA_N
ClientSampleId :
SLCS357

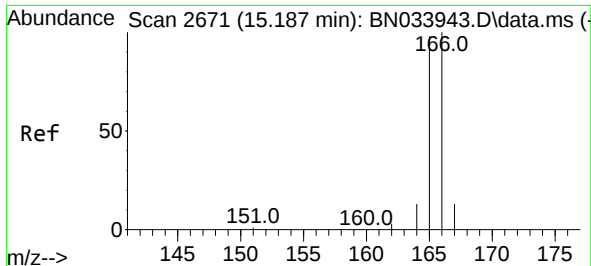
Tgt Ion:152 Resp: 8743
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.441 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Tgt Ion:153 Resp: 7167
Ion Ratio Lower Upper
153 100
152 50.5 39.8 59.8
154 88.1 69.0 103.6

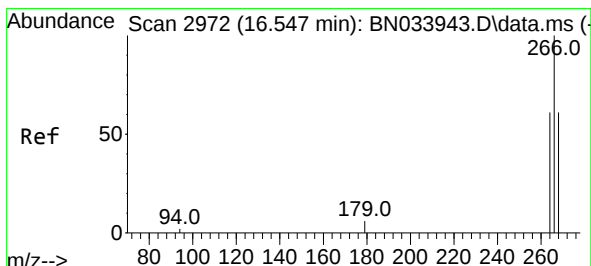
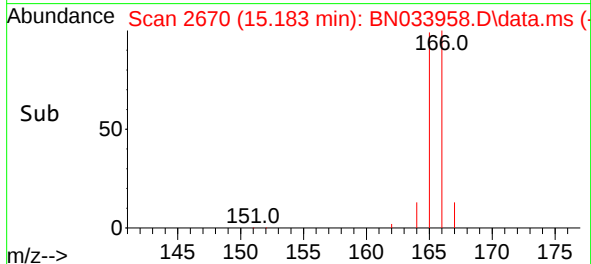
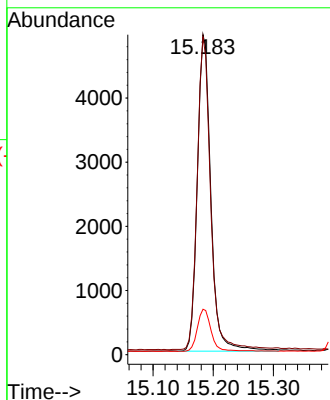
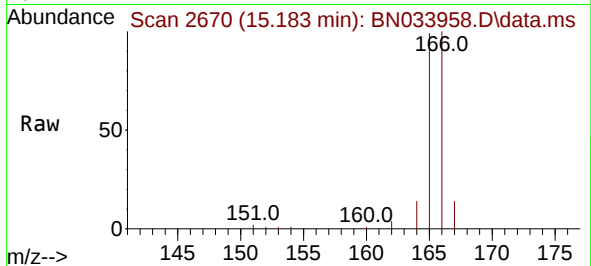




#12
 Fluorene
 Concen: 0.424 ng/ul
 RT: 15.183 min Scan# 2670
 Delta R.T. -0.005 min
 Lab File: BN033958.D
 Acq: 15 Sep 2024 18:51

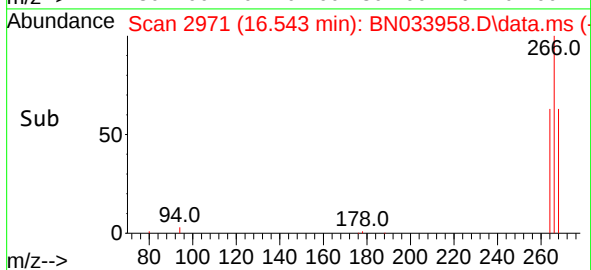
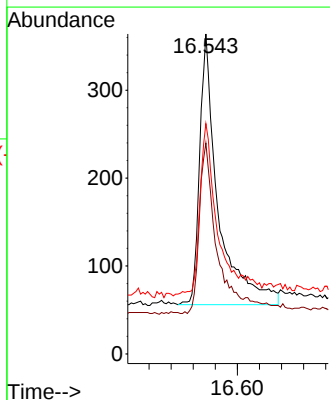
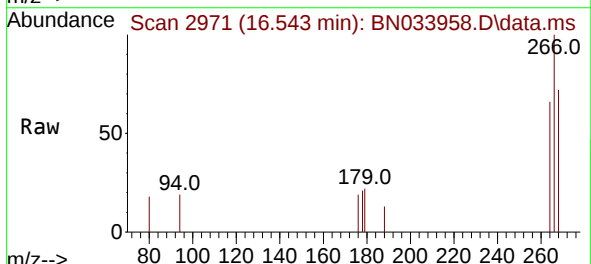
Instrument :
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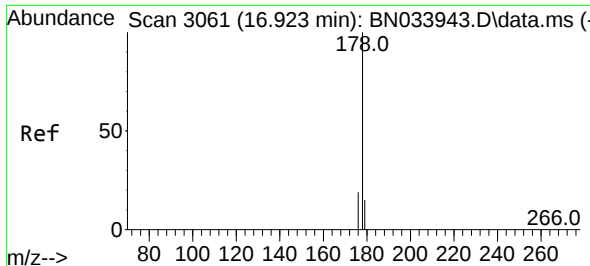
Tgt Ion:166 Resp: 7709
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.222 ng/ul
 RT: 16.543 min Scan# 2971
 Delta R.T. -0.000 min
 Lab File: BN033958.D
 Acq: 15 Sep 2024 18:51

Tgt Ion:266 Resp: 719
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.3 75.5
 268 65.5 51.7 77.5

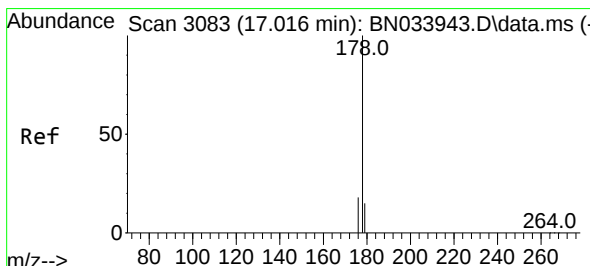
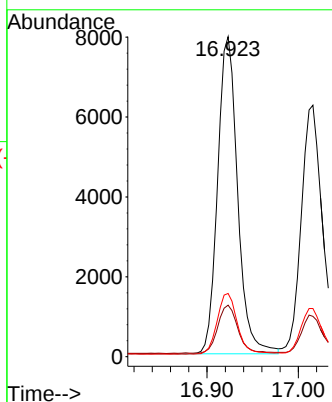
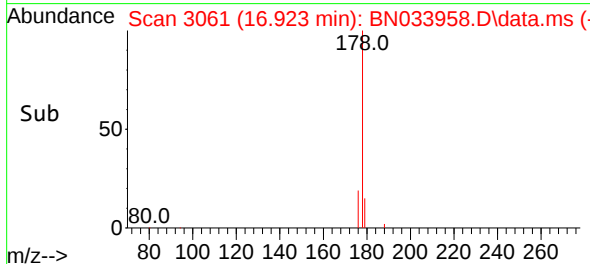
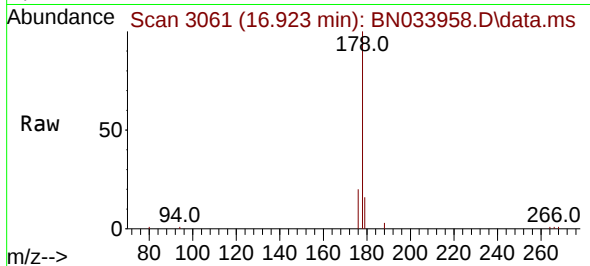




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 16.923 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

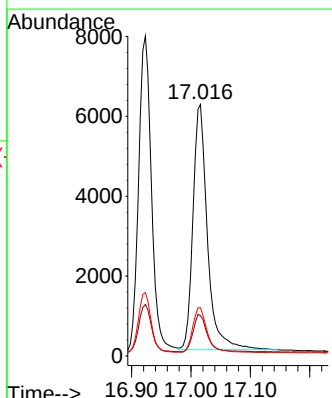
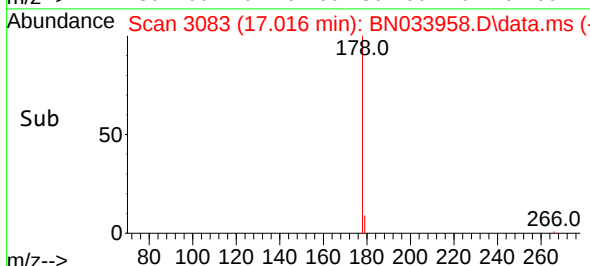
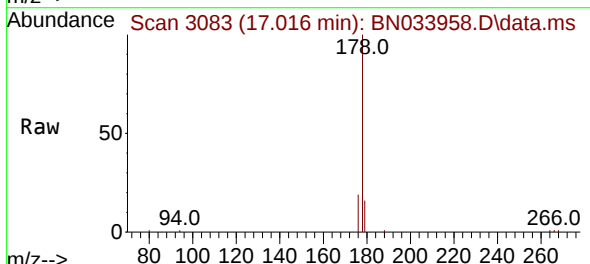
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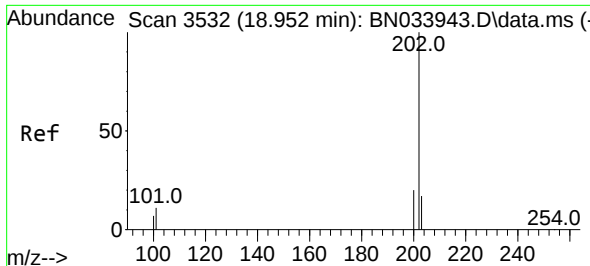
Tgt Ion:178	Resp:	12065
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.9 19.3
176	19.8	15.7 23.5



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Tgt Ion:178	Resp:	10388
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.0 19.4
176	19.2	15.2 22.8

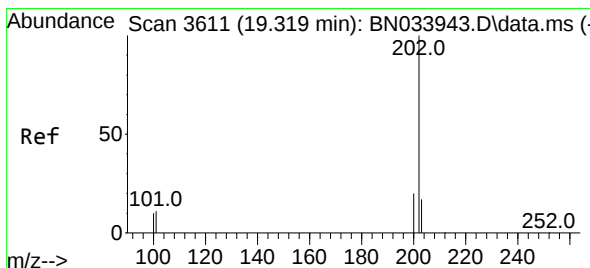
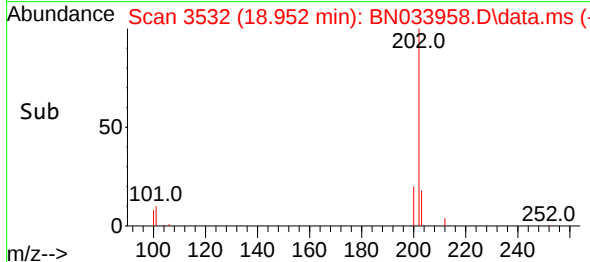
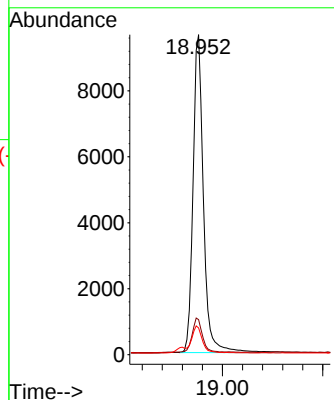
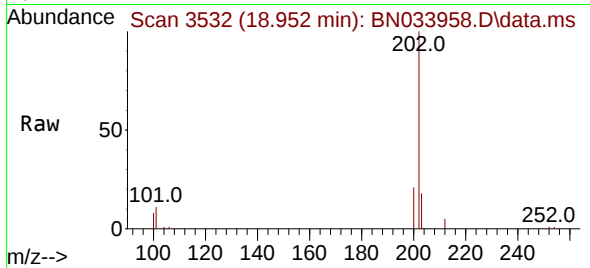




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 18.952 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

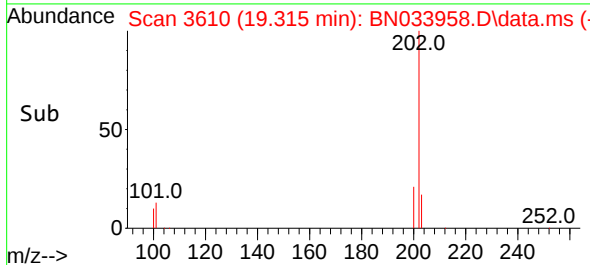
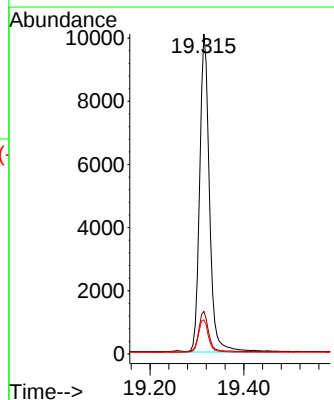
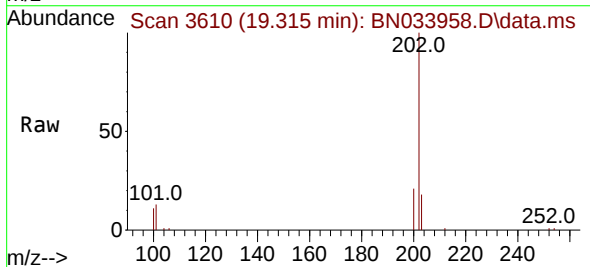
Instrument :
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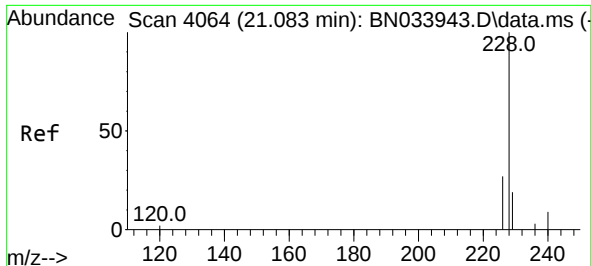
Tgt Ion:202 Resp: 13911
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
100 8.3 6.7 10.1



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

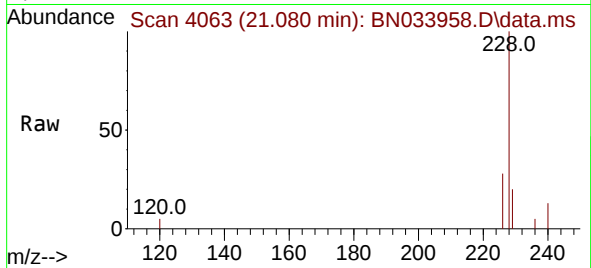
Tgt Ion:202 Resp: 14583
Ion Ratio Lower Upper
202 100
101 13.3 10.8 16.2
100 10.7 8.7 13.1



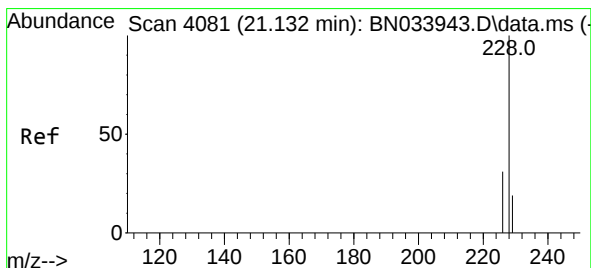
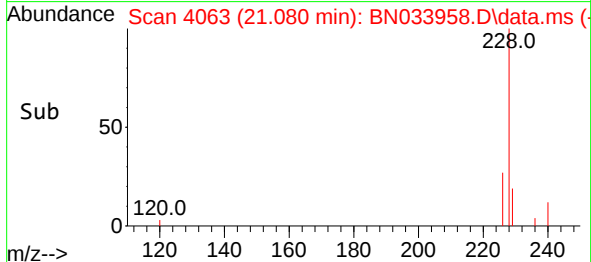
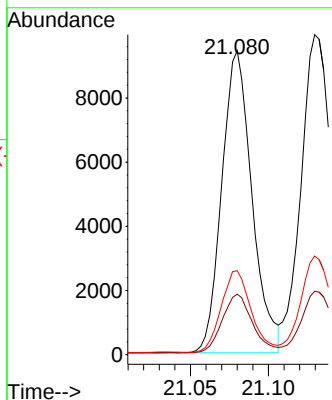


#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.080 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Instrument :
BNA_N
ClientSampleId :
SLCS357

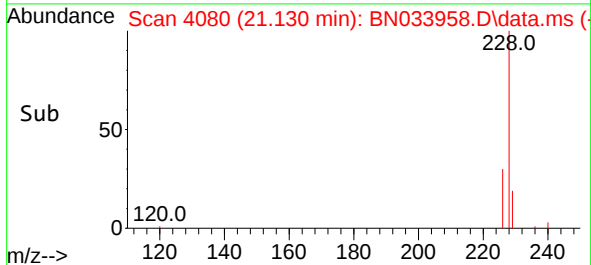
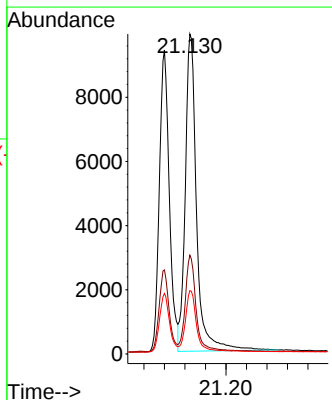
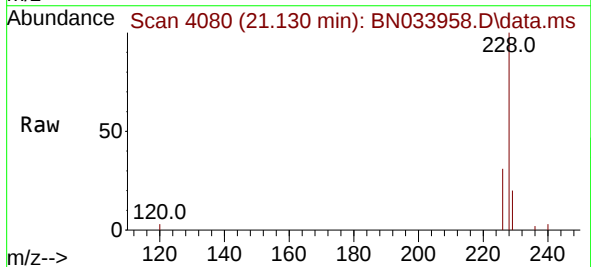


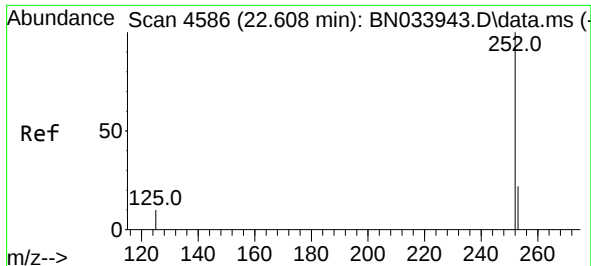
Tgt Ion:228 Resp: 12671
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

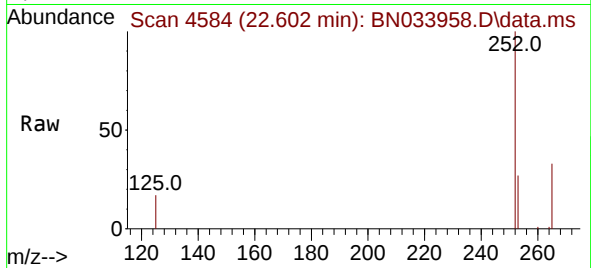
Tgt Ion:228 Resp: 15163
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.8 15.6 23.4



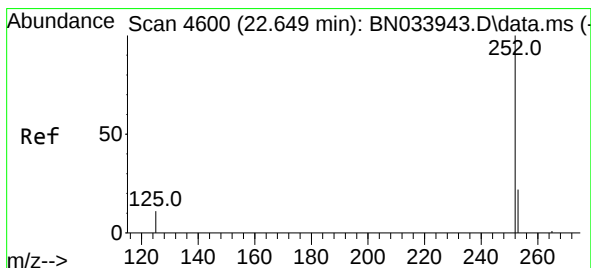
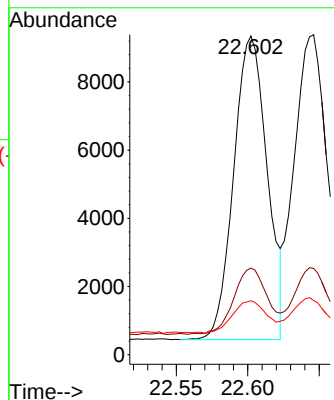


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Instrument :
BNA_N
ClientSampleId :
SLCS357

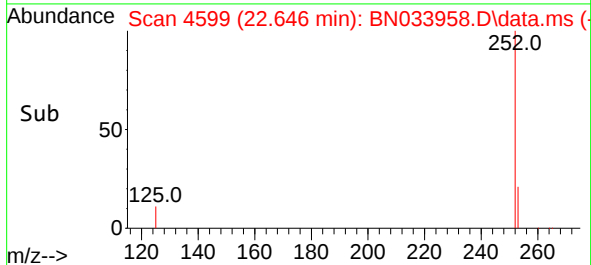
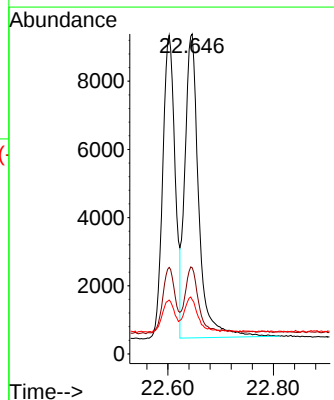
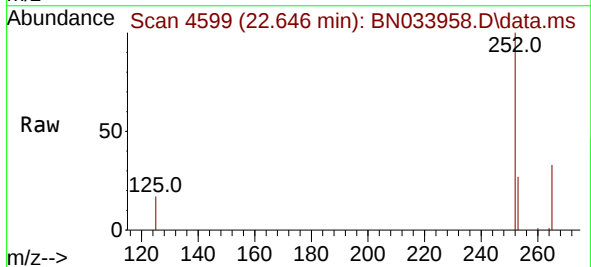


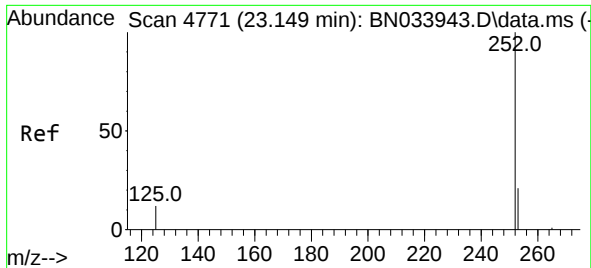
Tgt Ion:252 Resp: 14510
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 16.9 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.437 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Tgt Ion:252 Resp: 16224
Ion Ratio Lower Upper
252 100
253 26.9 21.4 32.0
125 17.0 15.1 22.7

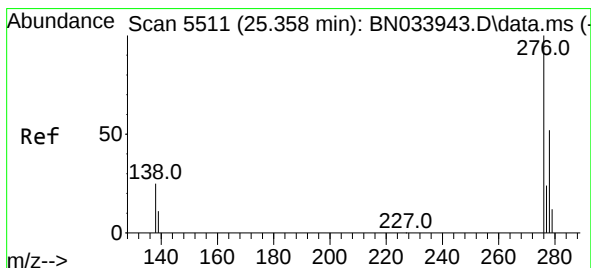
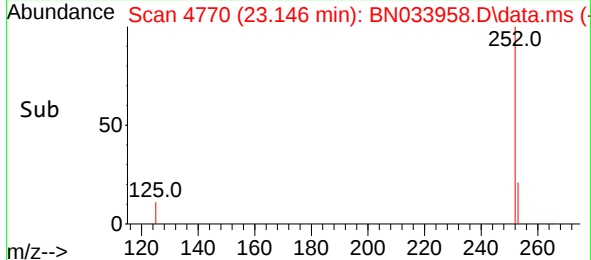
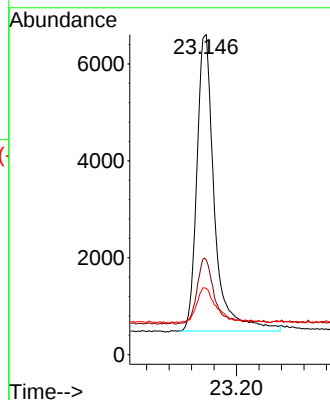
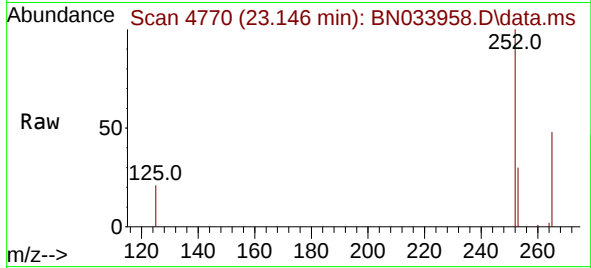




#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.146 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

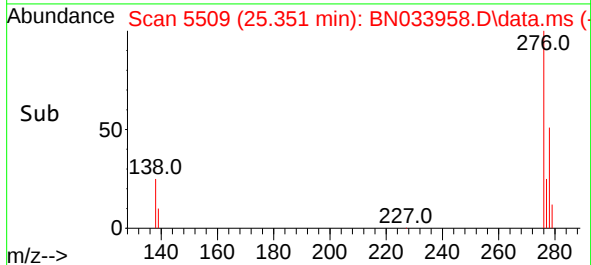
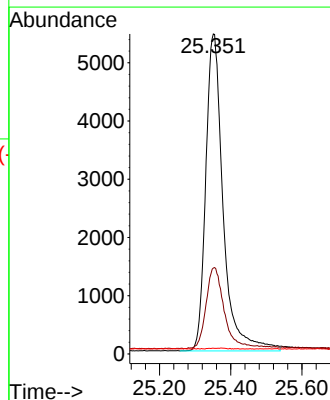
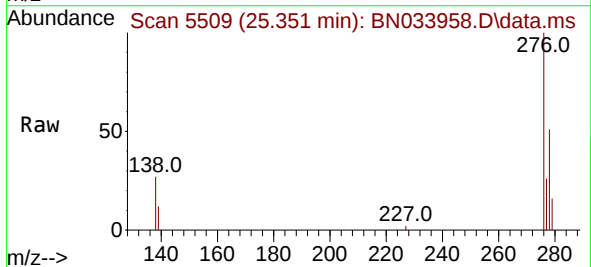
Instrument :
BNA_N
ClientSampleId :
SLCS357

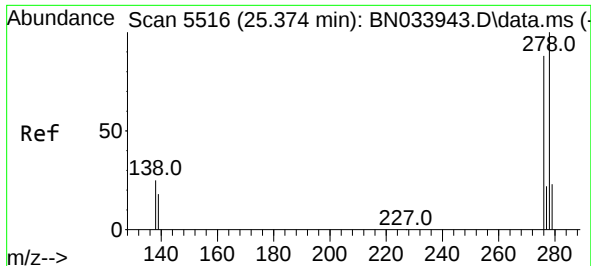
Tgt Ion:252 Resp: 13243
Ion Ratio Lower Upper
252 100
253 29.6 22.8 34.2
125 20.7 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.351 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BN033958.D
Acq: 15 Sep 2024 18:51

Tgt Ion:276 Resp: 18467
Ion Ratio Lower Upper
276 100
138 27.1 22.3 33.5
227 0.1 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 25.368 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN033958.D

Acq: 15 Sep 2024 18:51

Instrument :

BNA_N

ClientSampleId :

SLCS357

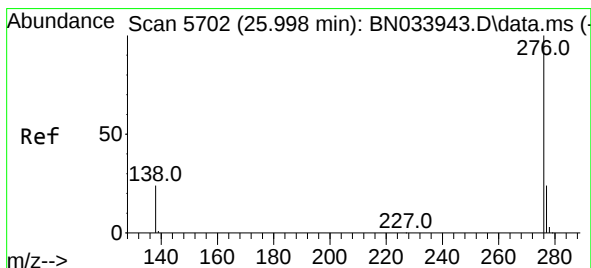
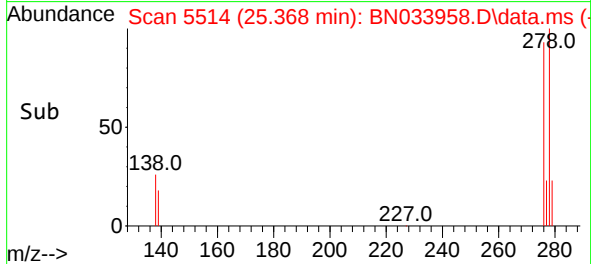
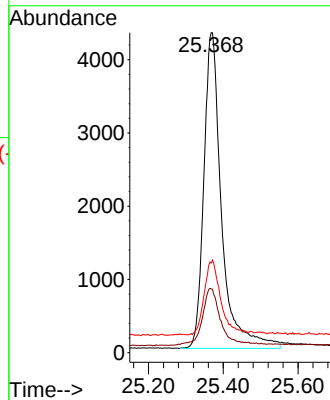
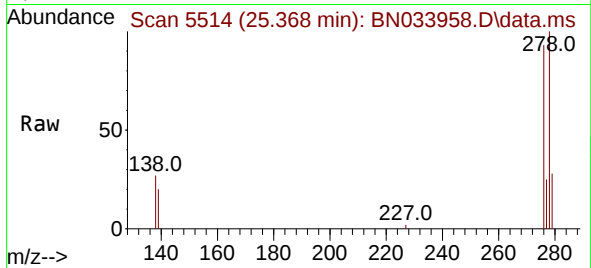
Tgt Ion:278 Resp: 14226

Ion Ratio Lower Upper

278 100

139 20.0 17.3 25.9

279 28.0 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.435 ng/ul

RT: 25.992 min Scan# 5700

Delta R.T. -0.010 min

Lab File: BN033958.D

Acq: 15 Sep 2024 18:51

Tgt Ion:276 Resp: 15192

Ion Ratio Lower Upper

276 100

138 24.7 20.8 31.2

277 25.4 20.2 30.4

