

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033959.D
 Acq On : 15 Sep 2024 20:03
 Operator : JU/RC
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4307

Quant Time: Sep 16 00:14:46 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)

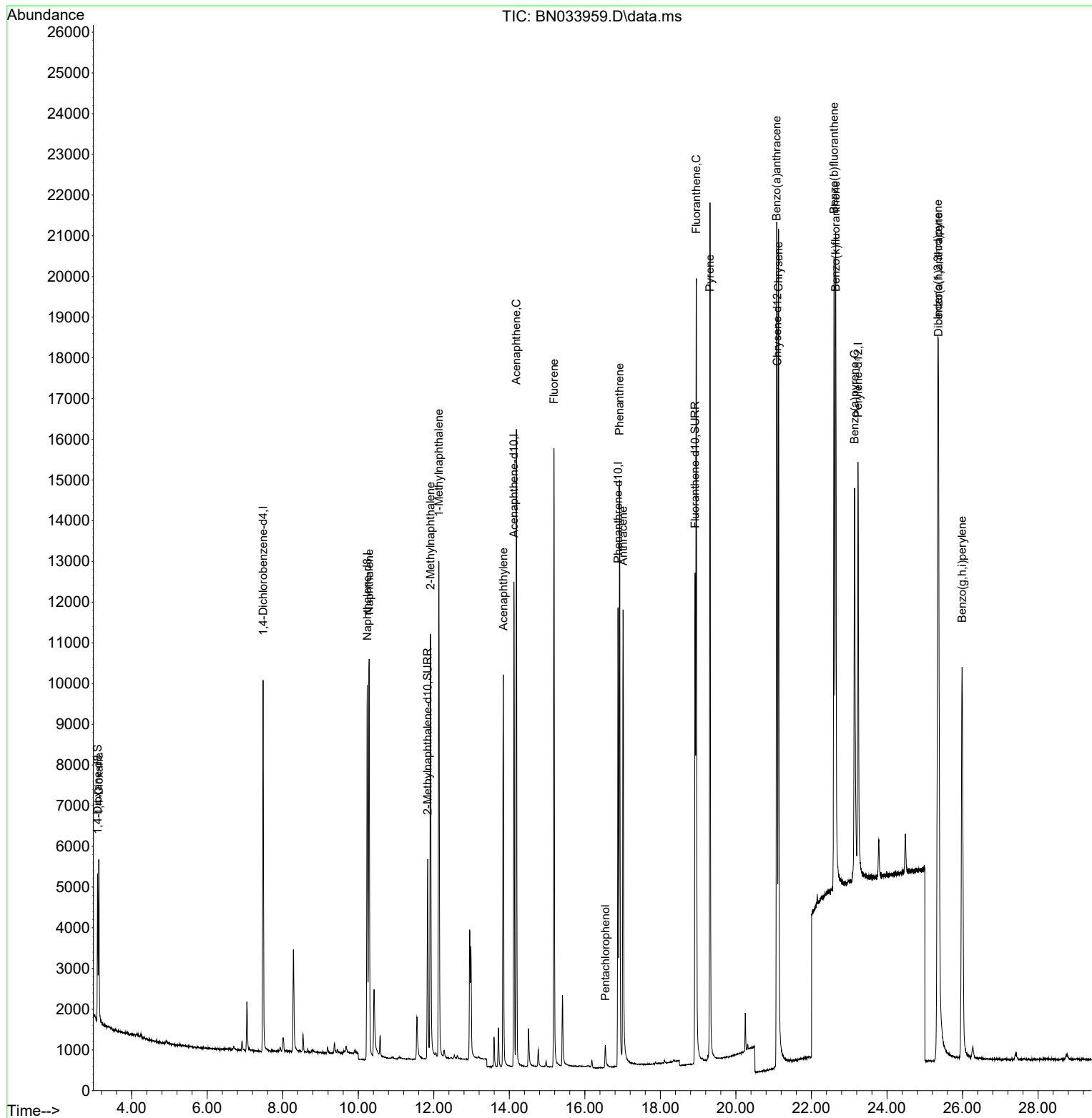
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	4590	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	12778	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.124	164	6609	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	13938	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	11878	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	13335	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2081	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	7142	0.390	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	14154	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	2301	0.439	ng/ul#	87
5) Naphthalene	10.288	128	13552	0.397	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	8351	0.386	ng/ul	99
8) 1-Methylnaphthalene	12.136	142	8772	0.394	ng/ul	99
10) Acenaphthylene	13.841	152	11376	0.379	ng/ul	99
11) Acenaphthene	14.188	153	8877	0.410	ng/ul	99
12) Fluorene	15.183	166	9958	0.411	ng/ul	100
14) Pentachlorophenol	16.543	266	577	0.132	ng/ul	95
15) Phenanthrene	16.919	178	15791	0.384	ng/ul	100
16) Anthracene	17.012	178	13571	0.367	ng/ul	100
19) Fluoranthene	18.952	202	18169	0.388	ng/ul	98
20) Pyrene	19.315	202	18960	0.381	ng/ul	99
21) Benzo(a)anthracene	21.077	228	16651	0.356	ng/ul	99
22) Chrysene	21.130	228	19390	0.410	ng/ul	100
24) Benzo(b)fluoranthene	22.599	252	18380	0.355	ng/ul	97
25) Benzo(k)fluoranthene	22.643	252	21631	0.418	ng/ul	98
26) Benzo(a)pyrene	23.140	252	15725	0.378	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.348	276	24556	0.393	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.364	278	18840	0.389	ng/ul	98
29) Benzo(g,h,i)perylene	25.988	276	19579	0.401	ng/ul	98

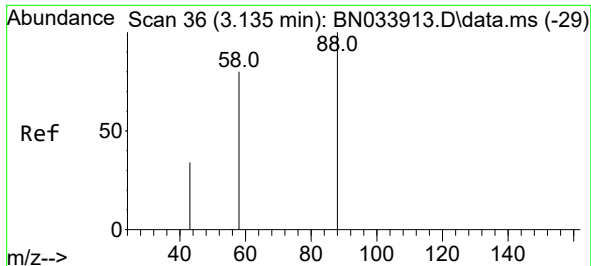
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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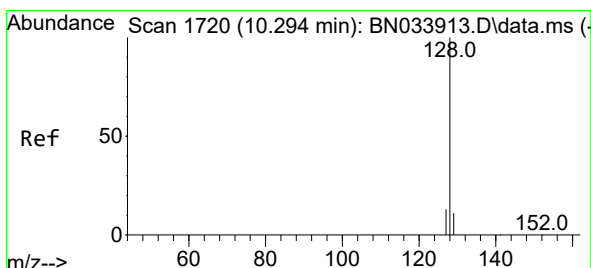
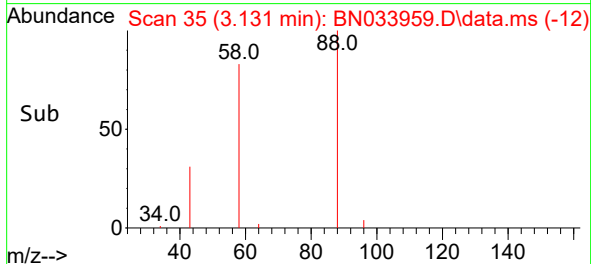
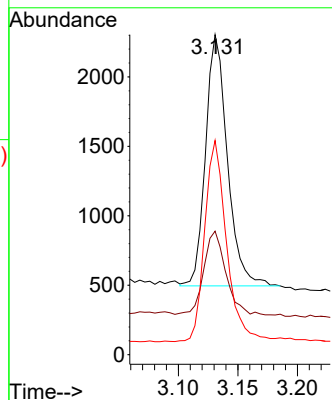
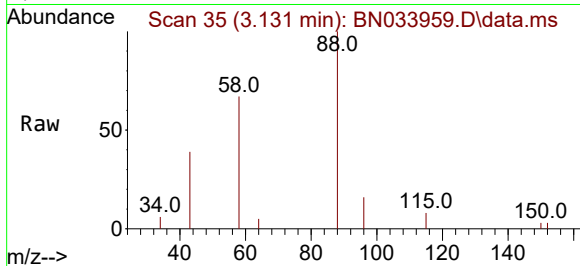




#2
 1,4-Dioxane
 Concen: 0.439 ng/ul
 RT: 3.131 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN033959.D
 Acq: 15 Sep 2024 20:03

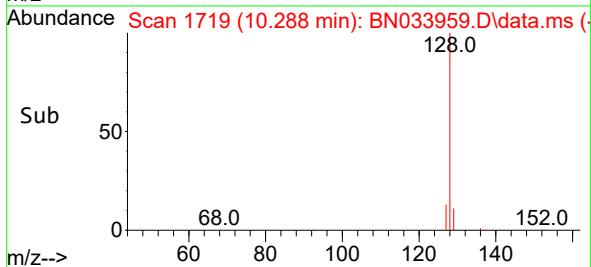
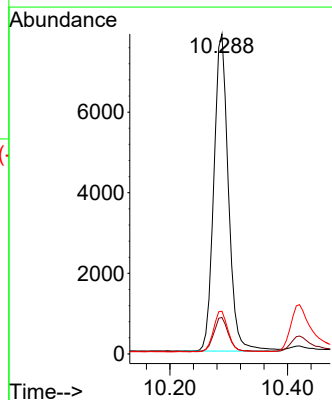
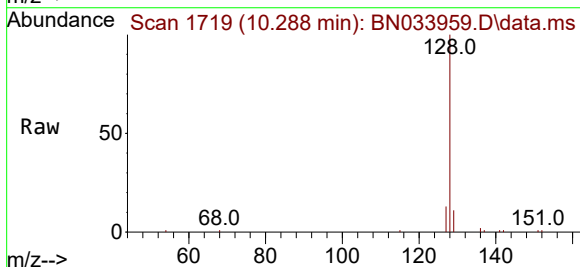
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4307

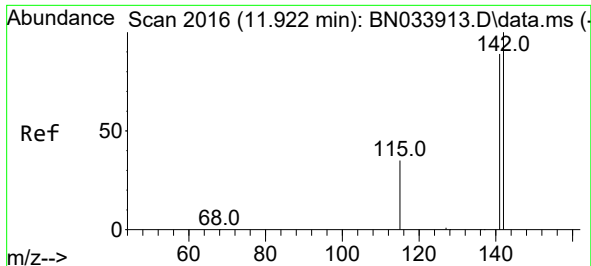
Tgt Ion: 88 Resp: 2301
 Ion Ratio Lower Upper
 88 100
 43 38.6 47.0 70.4#
 58 67.0 53.0 79.4



#5
 Naphthalene
 Concen: 0.397 ng/ul
 RT: 10.288 min Scan# 1719
 Delta R.T. -0.006 min
 Lab File: BN033959.D
 Acq: 15 Sep 2024 20:03

Tgt Ion:128 Resp: 13552
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.4 10.8 16.2

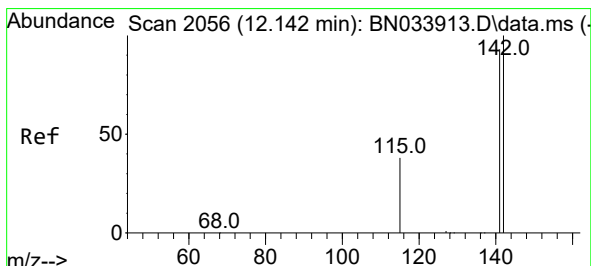
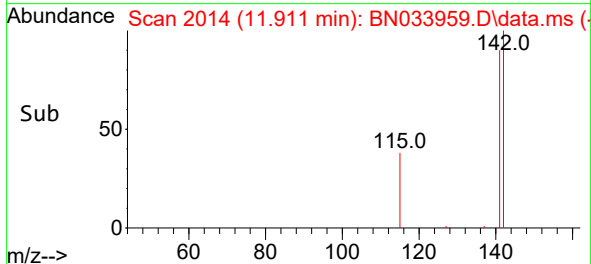
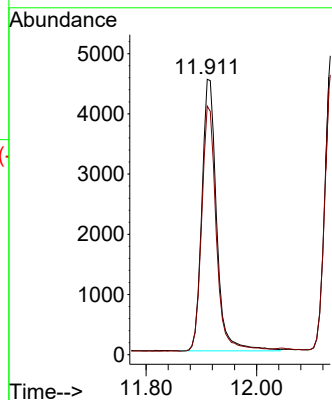
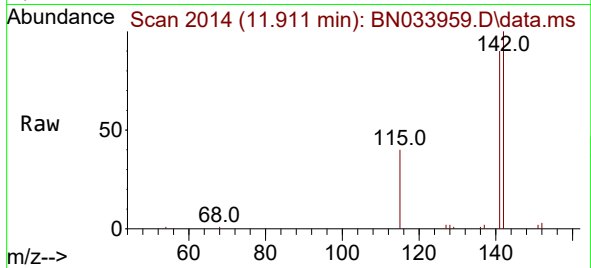




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

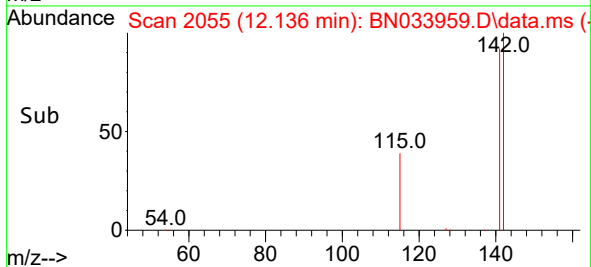
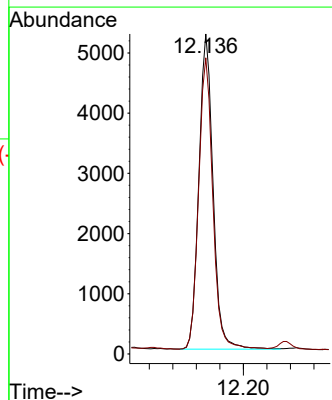
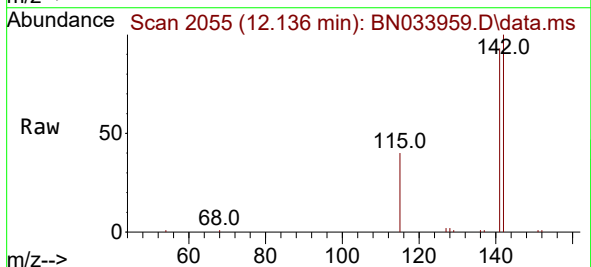
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

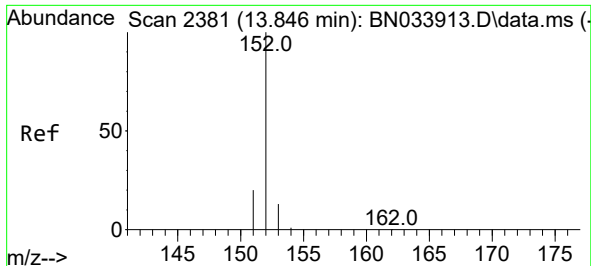
Tgt Ion:142 Resp: 8351
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:142 Resp: 8772
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4

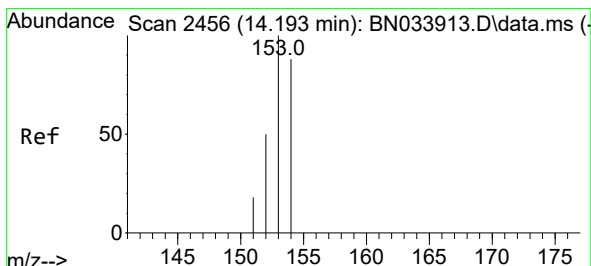
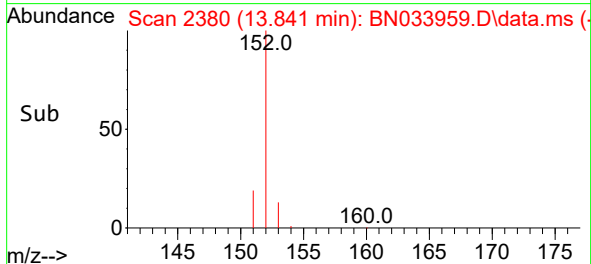
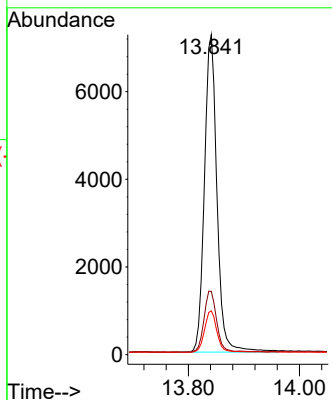
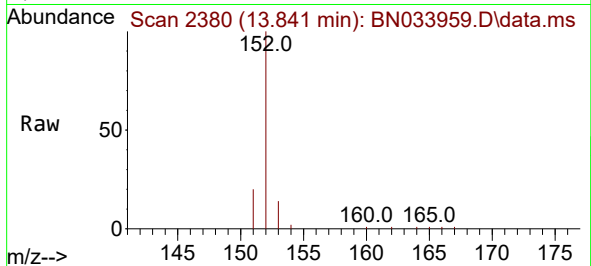




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

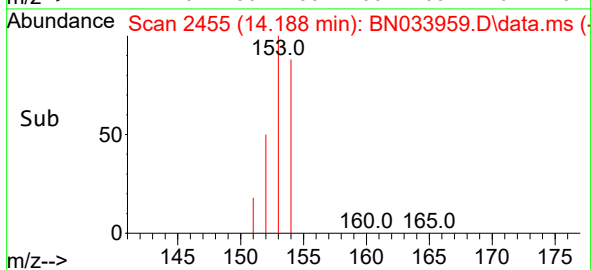
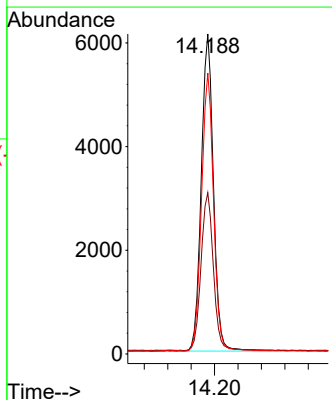
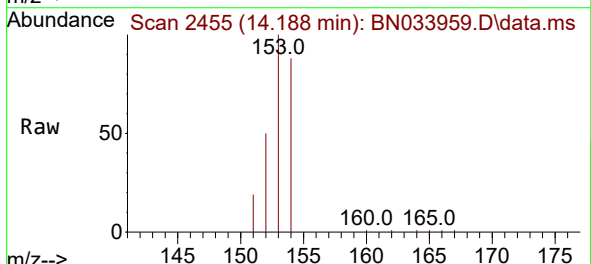
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

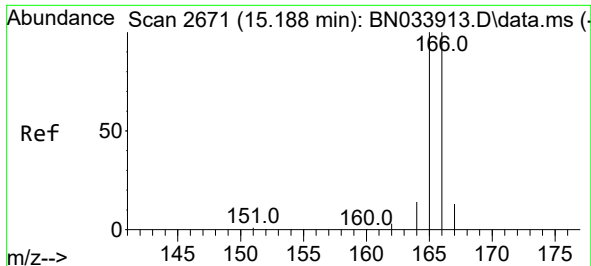
Tgt Ion:152 Resp: 11376
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:153 Resp: 8877
Ion Ratio Lower Upper
153 100
152 50.4 39.8 59.8
154 87.8 69.0 103.6

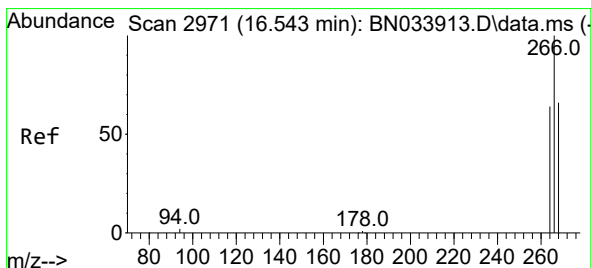
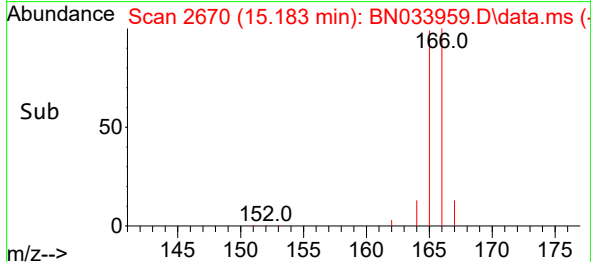
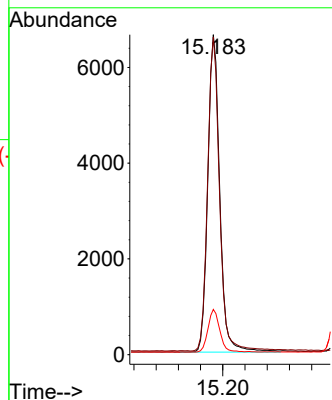
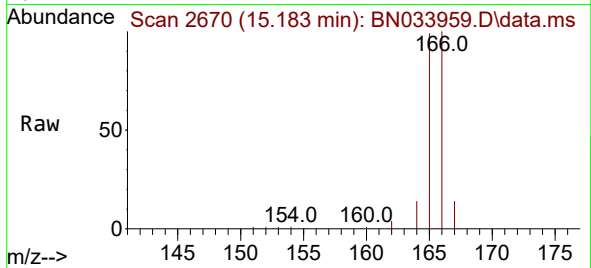




#12
Fluorene
Concen: 0.411 ng/ul
RT: 15.183 min Scan# 2670
Delta R.T. -0.005 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

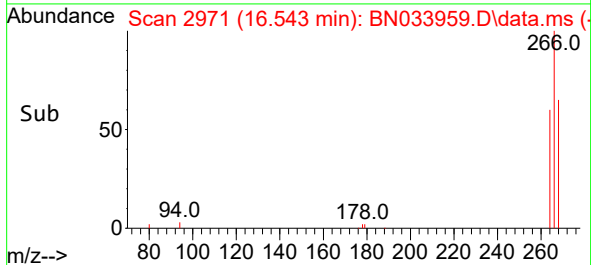
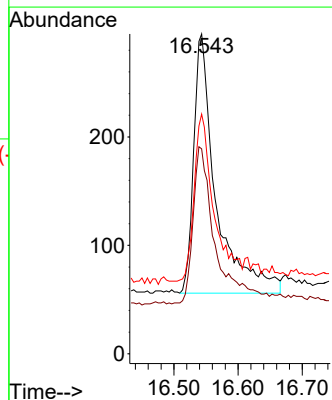
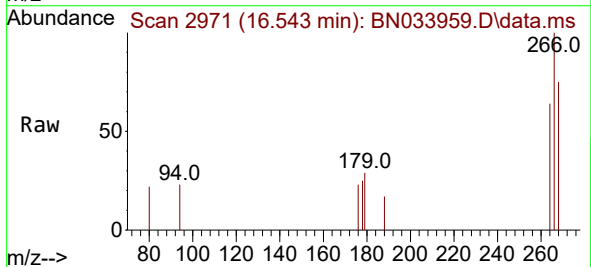
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

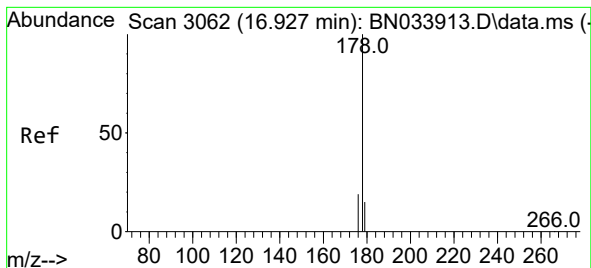
Tgt Ion:166 Resp: 9958
Ion Ratio Lower Upper
166 100
165 99.3 79.1 118.7
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.132 ng/ul
RT: 16.543 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:266 Resp: 577
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 57.0 51.7 77.5





#15

Phenanthrene

Concen: 0.384 ng/ul

RT: 16.919 min Scan# 3060

Delta R.T. -0.009 min

Lab File: BN033959.D

Acq: 15 Sep 2024 20:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

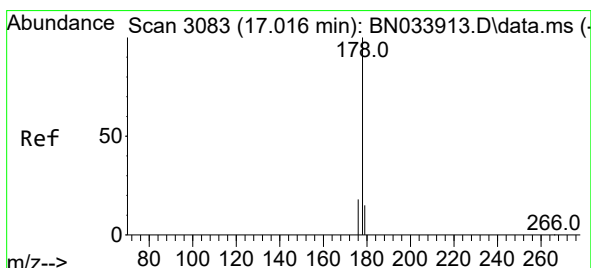
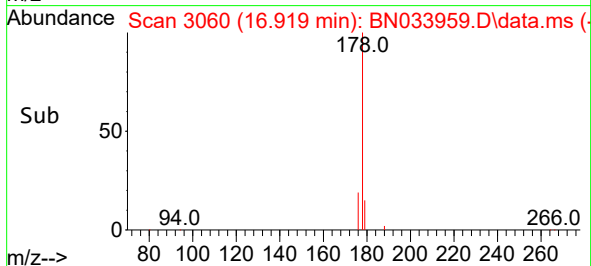
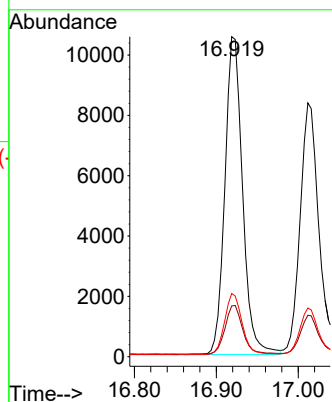
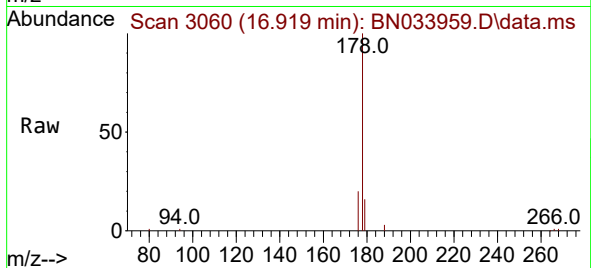
Tgt Ion:178 Resp: 15791

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 19.7 15.7 23.5



#16

Anthracene

Concen: 0.367 ng/ul

RT: 17.012 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BN033959.D

Acq: 15 Sep 2024 20:03

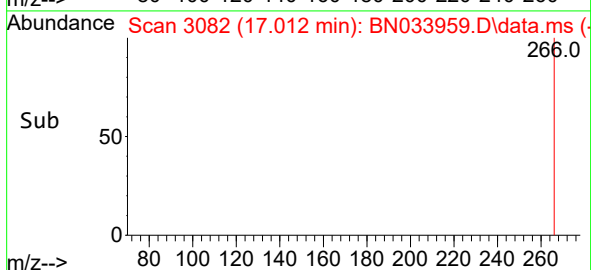
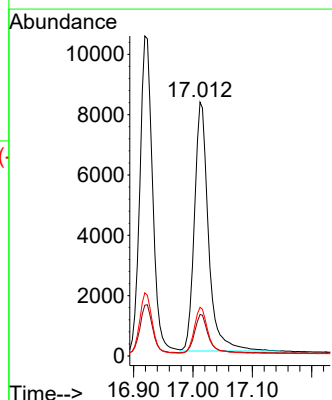
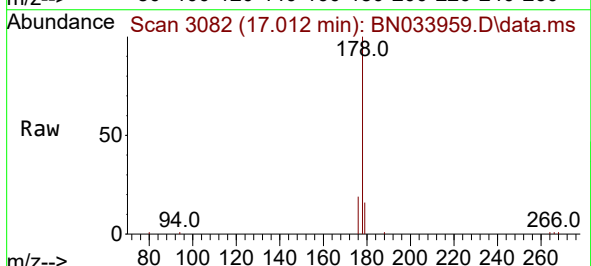
Tgt Ion:178 Resp: 13571

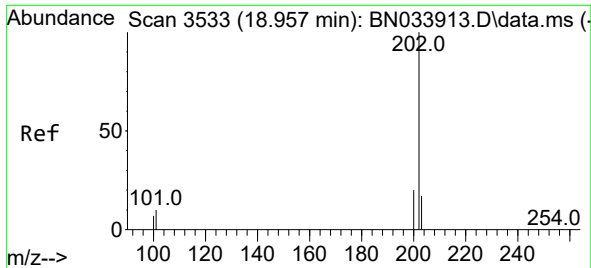
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

176 19.2 15.2 22.8

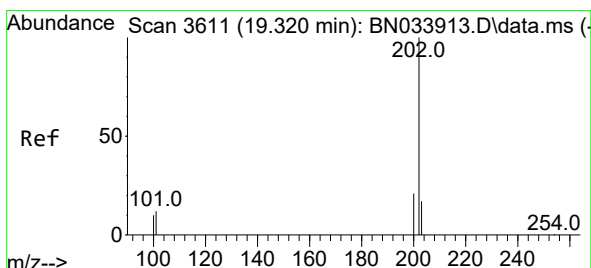
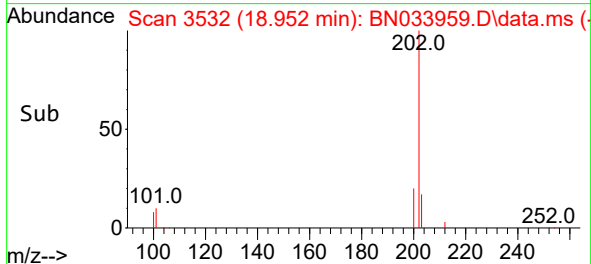
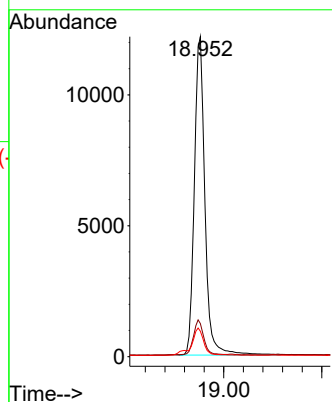
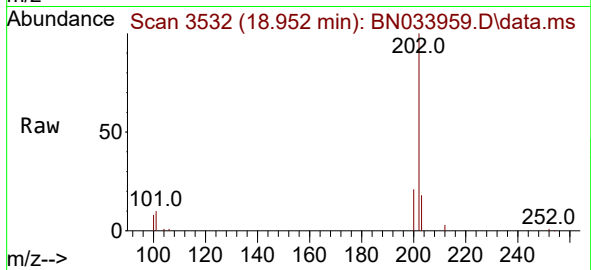




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 18.952 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

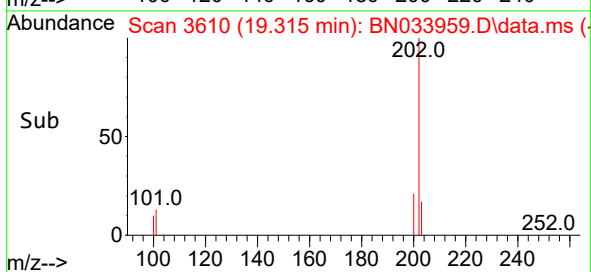
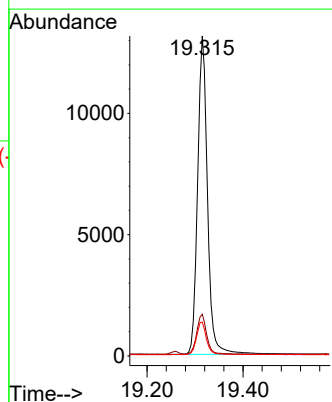
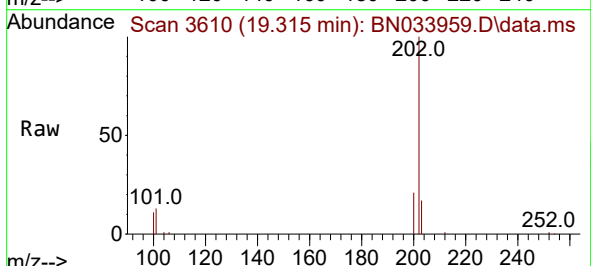
Instrument :
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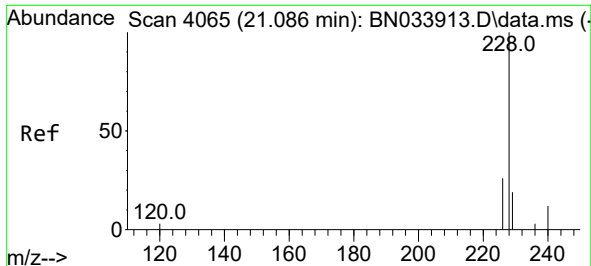
Tgt Ion:202 Resp: 18169
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 8.0 6.7 10.1



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

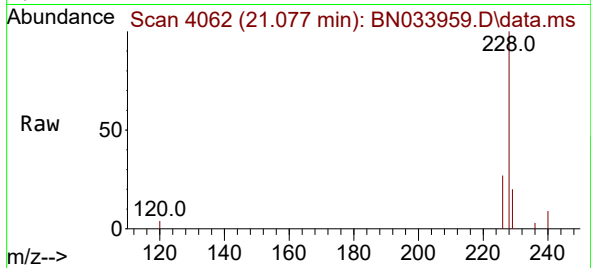
Tgt Ion:202 Resp: 18960
Ion Ratio Lower Upper
202 100
101 13.1 10.8 16.2
100 10.6 8.7 13.1



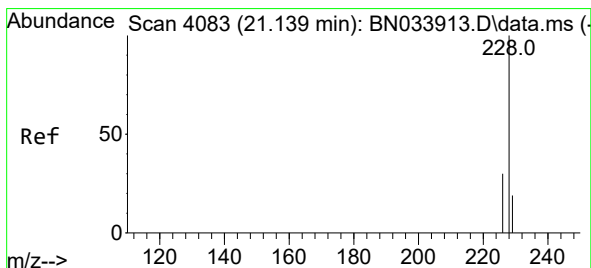
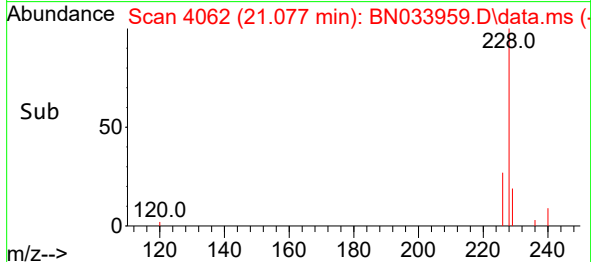
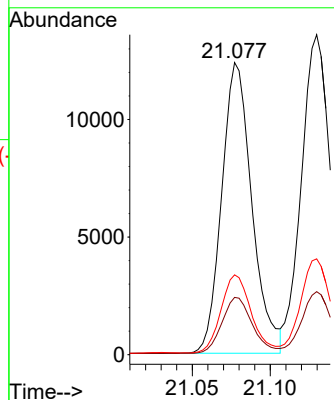


#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

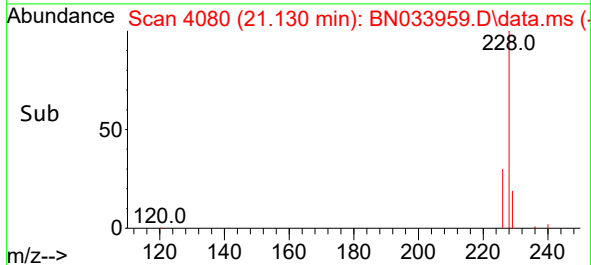
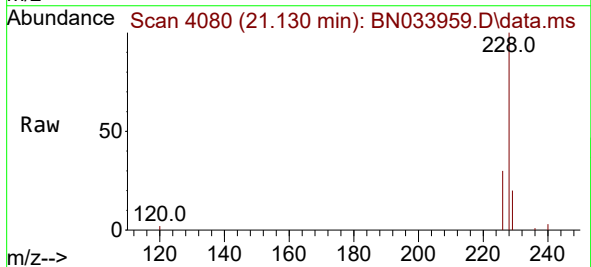
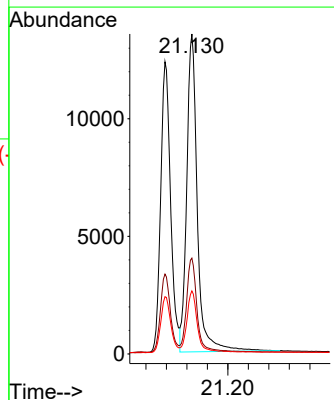


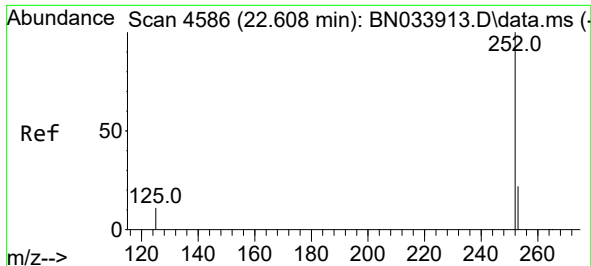
Tgt Ion:228 Resp: 16651
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

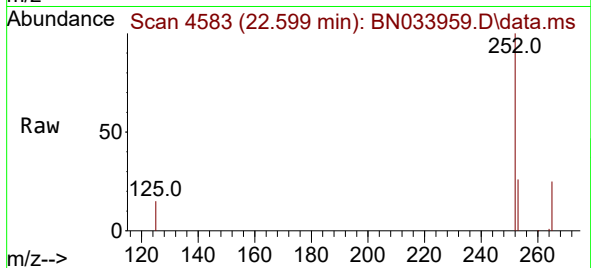
Tgt Ion:228 Resp: 19390
Ion Ratio Lower Upper
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226 30.0 24.2 36.2
229 19.7 15.6 23.4



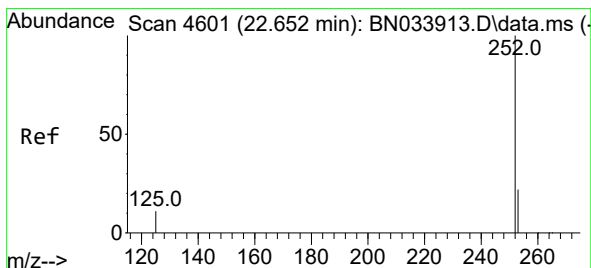
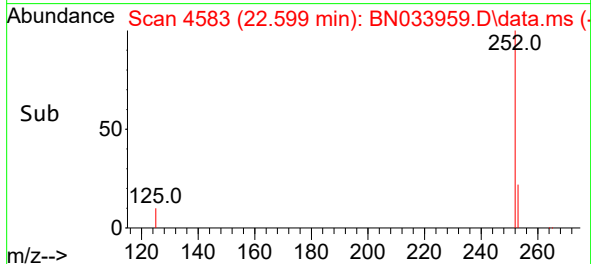
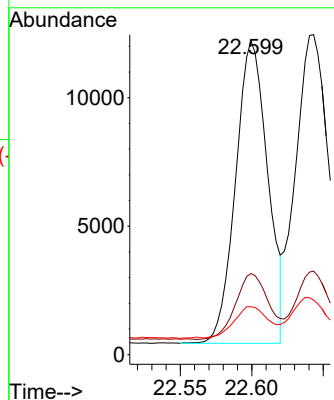


#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 22.599 min Scan# 4583
Delta R.T. -0.009 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

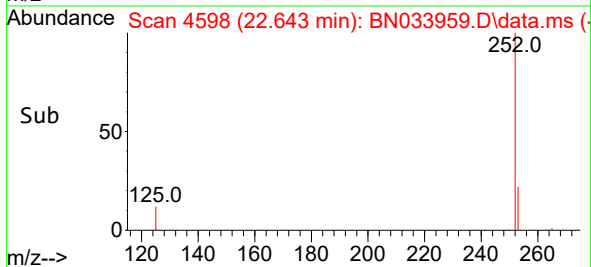
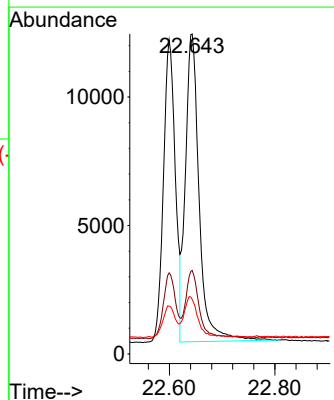
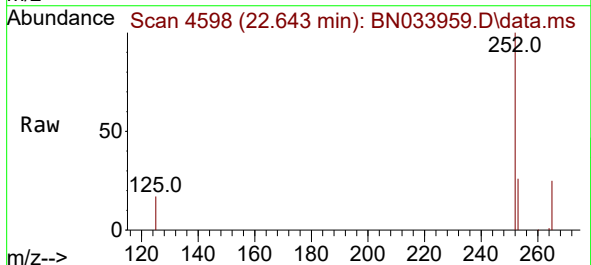


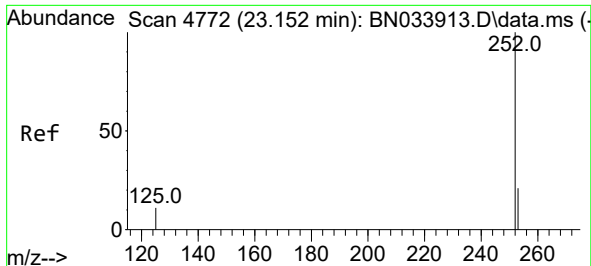
Tgt Ion:252 Resp: 18380
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.8
125 15.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.643 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:252 Resp: 21631
Ion Ratio Lower Upper
252 100
253 26.1 21.4 32.0
125 17.1 15.1 22.7

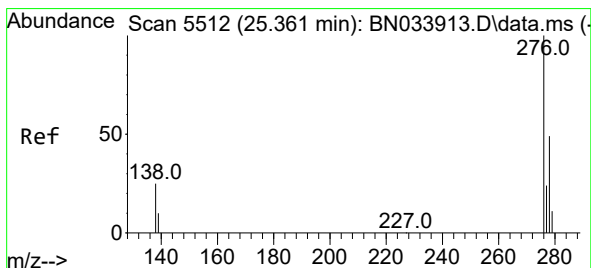
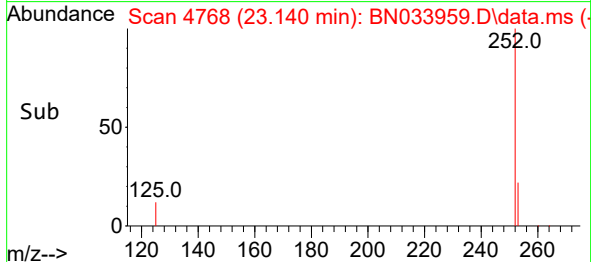
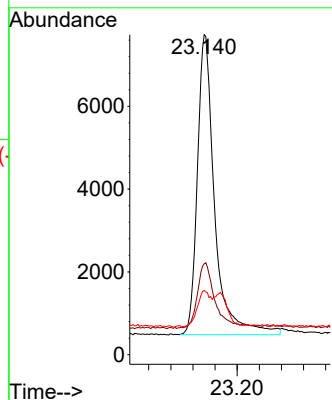
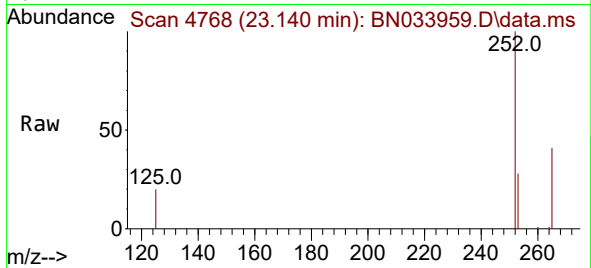




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.140 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

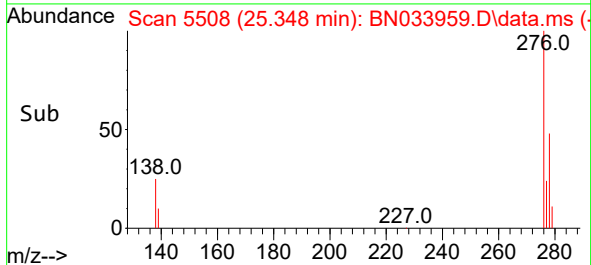
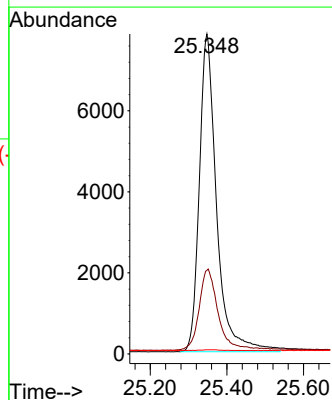
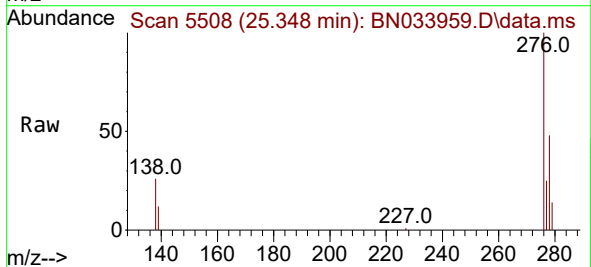
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

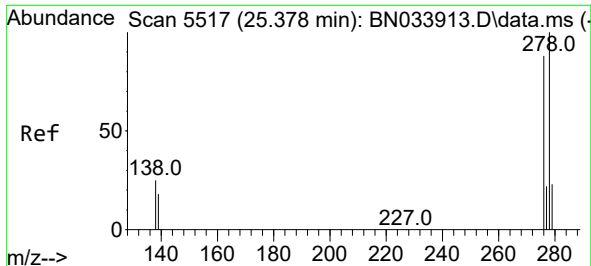
Tgt Ion:252 Resp: 15725
Ion Ratio Lower Upper
252 100
253 28.4 22.8 34.2
125 20.1 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 25.348 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:276 Resp: 24556
Ion Ratio Lower Upper
276 100
138 28.5 22.3 33.5
227 0.1 0.2 0.4#

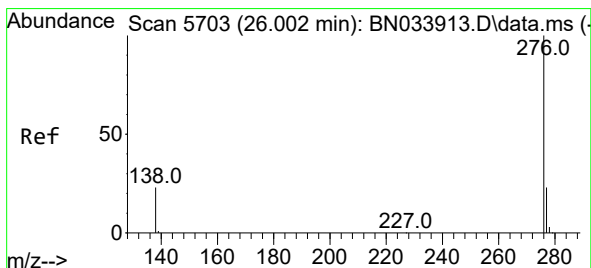
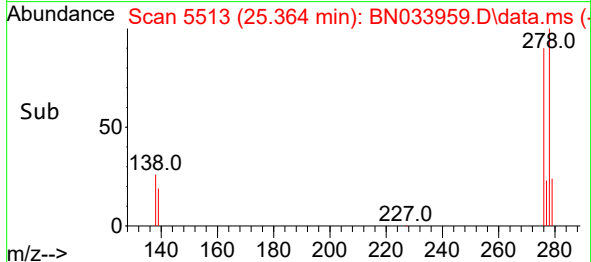
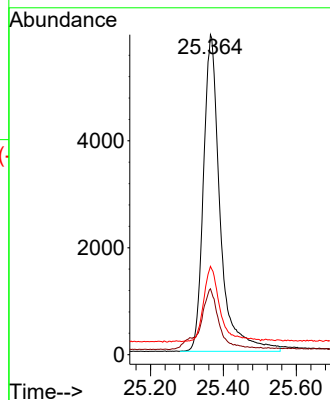
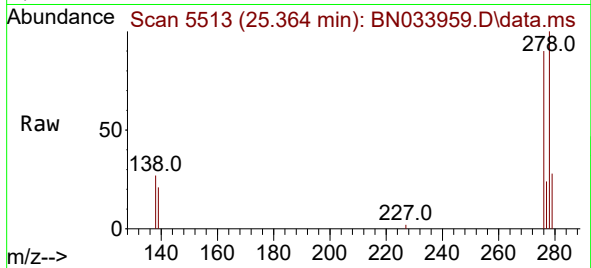




#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.364 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

Tgt Ion:278 Resp: 18840
Ion Ratio Lower Upper
278 100
139 20.6 17.3 25.9
279 27.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 25.988 min Scan# 5699
Delta R.T. -0.014 min
Lab File: BN033959.D
Acq: 15 Sep 2024 20:03

Tgt Ion:276 Resp: 19579
Ion Ratio Lower Upper
276 100
138 24.5 20.8 31.2
277 24.5 20.2 30.4

