

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033747.D
 Acq On : 03 Sep 2024 19:22
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4303

Quant Time: Sep 04 01:42:57 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 : Wed Sep 04 01:39:37 2024
 Response via : Initial Calibration

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

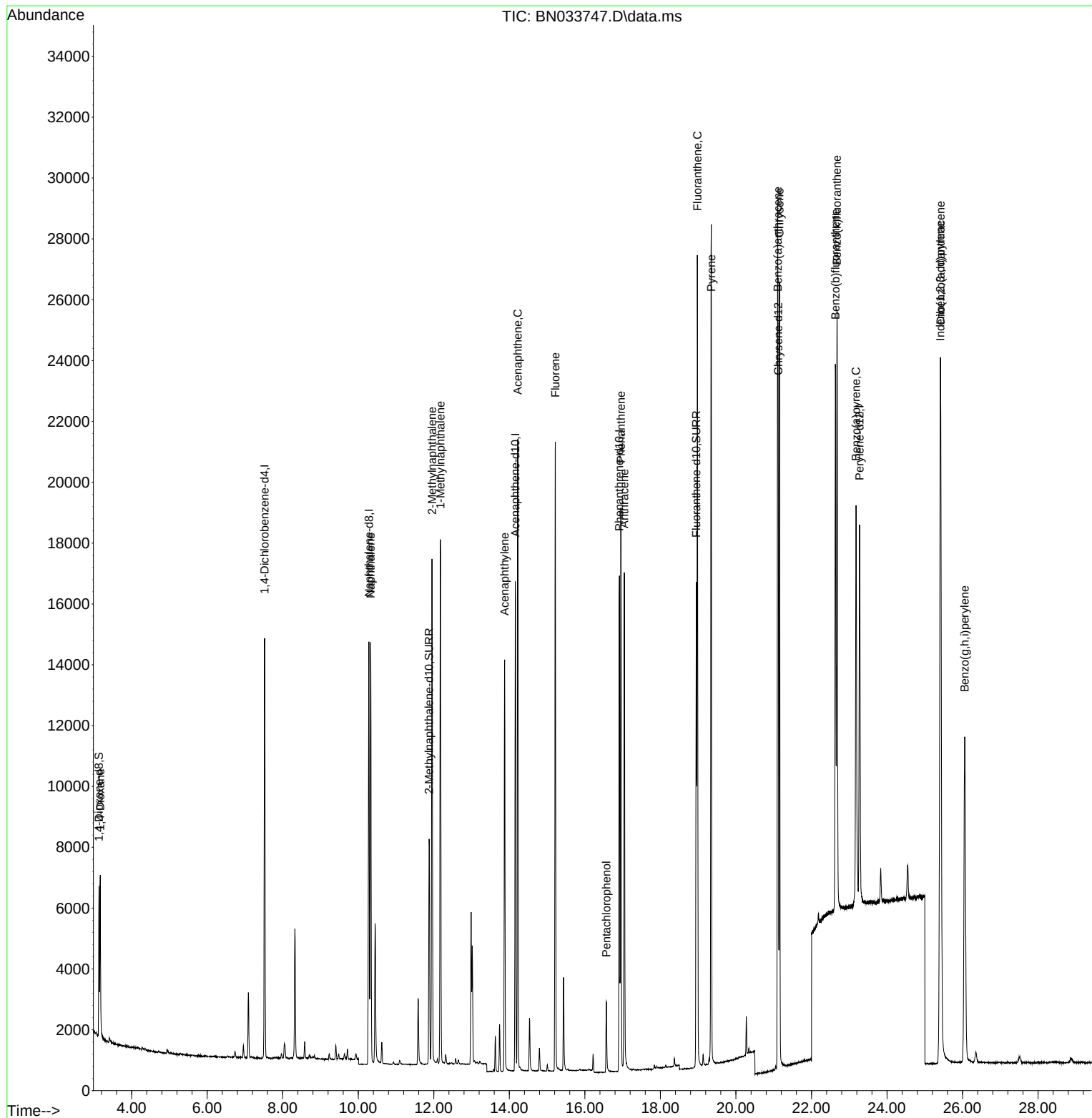
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	6620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.281	136	17824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.159	164	8755	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.913	188	17823	0.400	ng/ul	0.00
17) Chrysene-d12	21.120	240	14385	0.400	ng/ul	0.00
23) Perylene-d12	23.273	264	15495	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	2767	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	9861	0.386	ng/ul	0.00
18) Fluoranthene-d10	18.951	212	17063	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	3098	0.410	ng/ul#	86
5) Naphthalene	10.331	128	18572	0.390	ng/ul	100
7) 2-Methylnaphthalene	11.953	142	11647	0.386	ng/ul	99
8) 1-Methylnaphthalene	12.179	142	11943	0.384	ng/ul	99
10) Acenaphthylene	13.877	152	15275	0.384	ng/ul	100
11) Acenaphthene	14.224	153	11603	0.404	ng/ul	99
12) Fluorene	15.219	166	12837	0.400	ng/ul	99
14) Pentachlorophenol	16.567	266	1612	0.287	ng/ul	99
15) Phenanthrene	16.956	178	19775	0.376	ng/ul	99
16) Anthracene	17.044	178	17602	0.372	ng/ul	99
19) Fluoranthene	18.979	202	21782	0.384	ng/ul	99
20) Pyrene	19.346	202	22785	0.378	ng/ul	98
21) Benzo(a)anthracene	21.105	228	21278	0.376	ng/ul	99
22) Chrysene	21.155	228	21775	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.633	252	22025	0.366	ng/ul	98
25) Benzo(k)fluoranthene	22.677	252	22935	0.381	ng/ul	98
26) Benzo(a)pyrene	23.180	252	18399	0.381	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.410	276	27281	0.376	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.420	278	21283	0.378	ng/ul	99
29) Benzo(g,h,i)perylene	26.057	276	21206	0.374	ng/ul	99

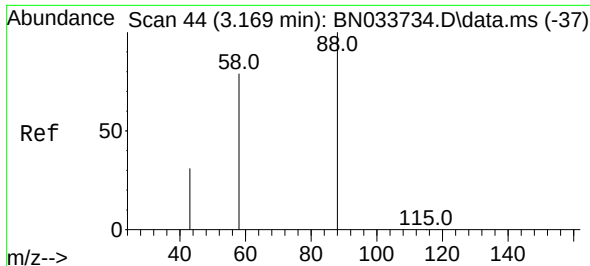
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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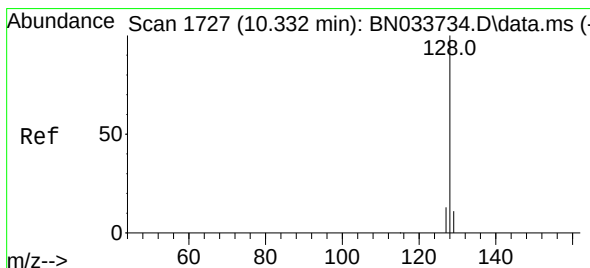
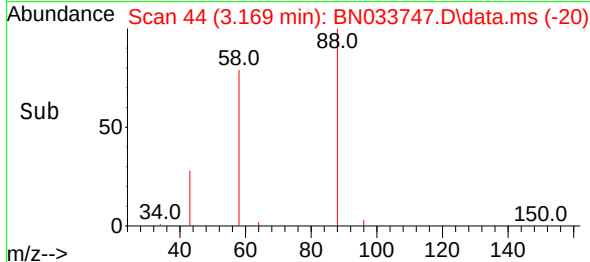
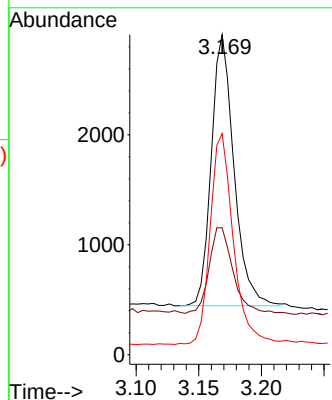
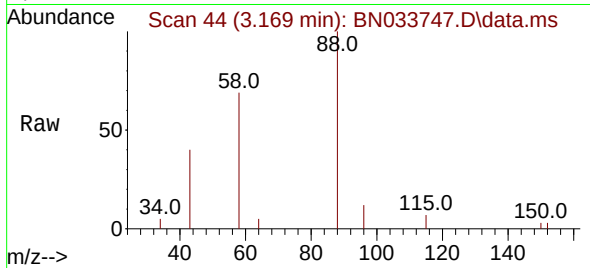




#2
1,4-Dioxane
Concen: 0.410 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

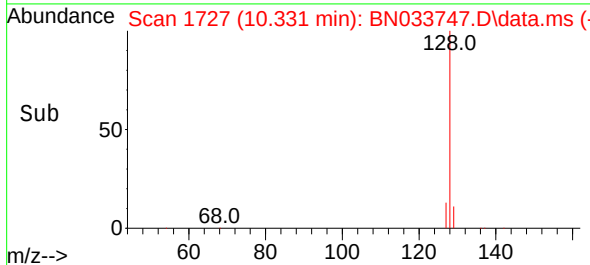
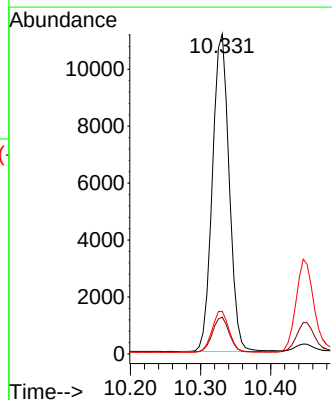
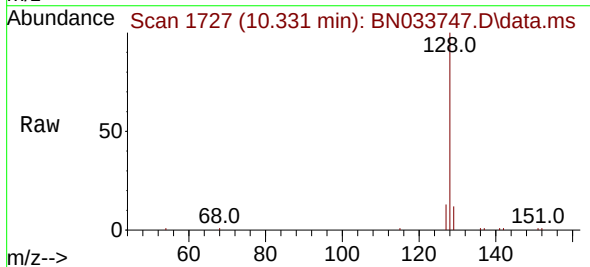
Instrument :
BNA_N
ClientSampleId :
SSTD0.4303

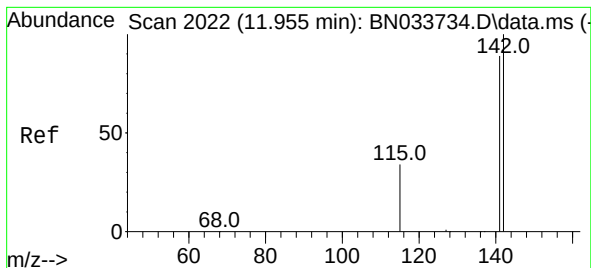
Tgt Ion: 88 Resp: 3098
Ion Ratio Lower Upper
88 100
43 39.6 47.0 70.4#
58 69.1 53.0 79.4



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.331 min Scan# 1727
Delta R.T. -0.001 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

Tgt Ion:128 Resp: 18572
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.3 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.386 ng/ul

RT: 11.953 min Scan# 2022

Delta R.T. -0.001 min

Lab File: BN033747.D

Acq: 03 Sep 2024 19:22

Instrument :

BNA_N

ClientSampleId :

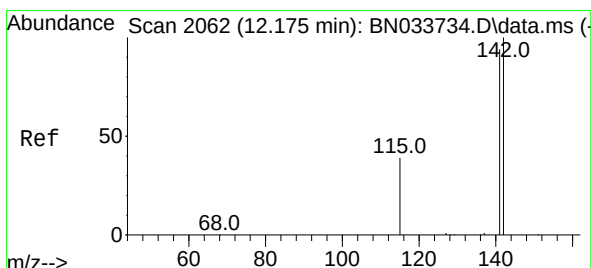
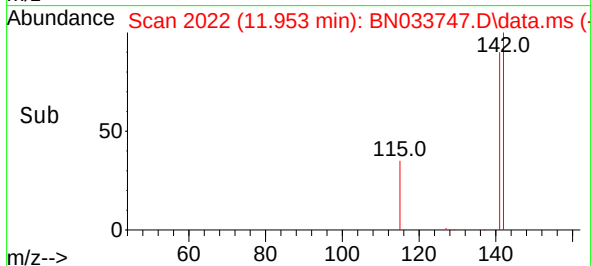
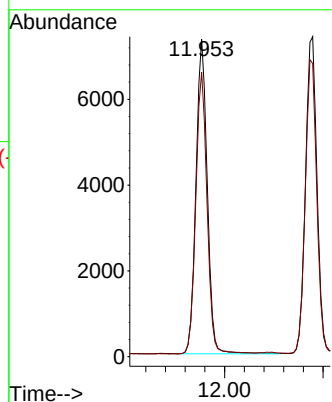
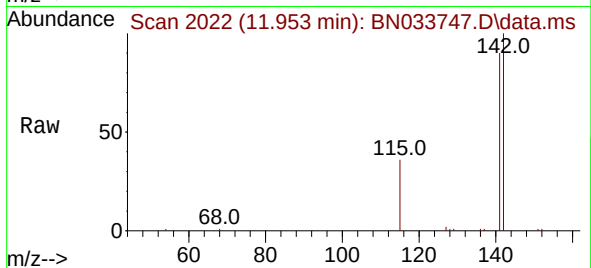
SSTD0.4303

Tgt Ion:142 Resp: 11647

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.384 ng/ul

RT: 12.179 min Scan# 2063

Delta R.T. 0.004 min

Lab File: BN033747.D

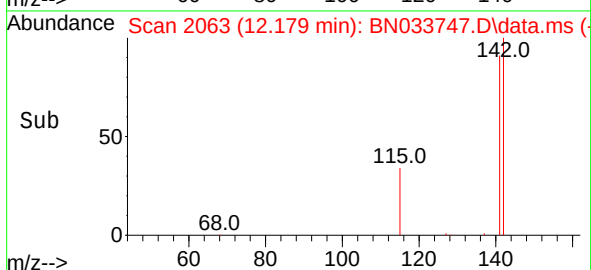
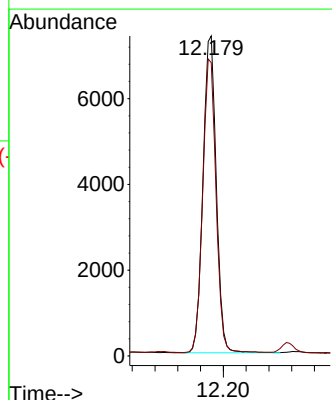
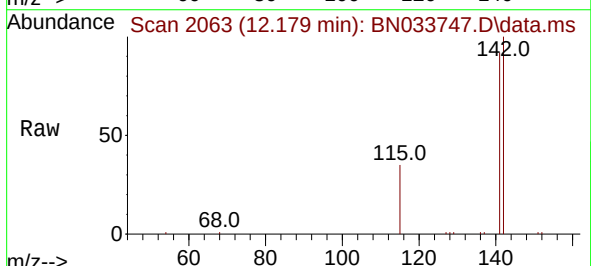
Acq: 03 Sep 2024 19:22

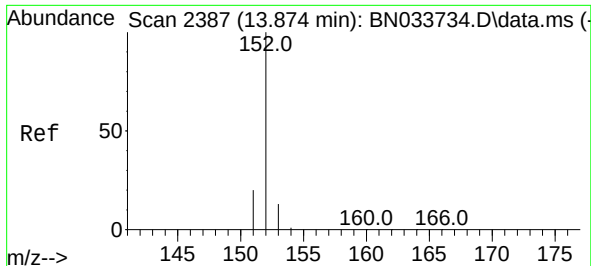
Tgt Ion:142 Resp: 11943

Ion Ratio Lower Upper

142 100

141 92.6 73.6 110.4

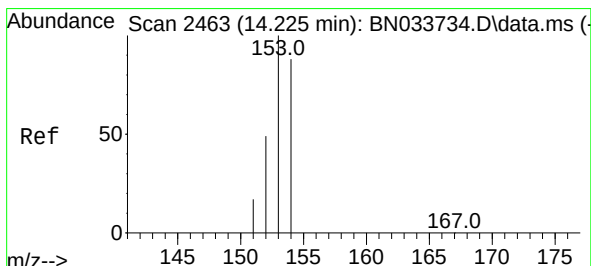
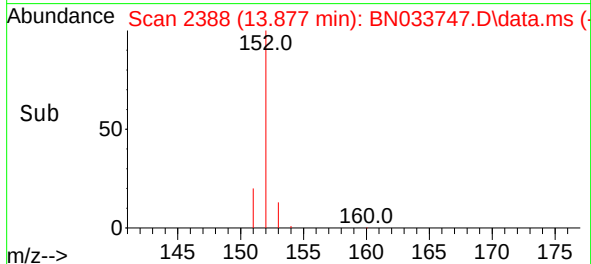
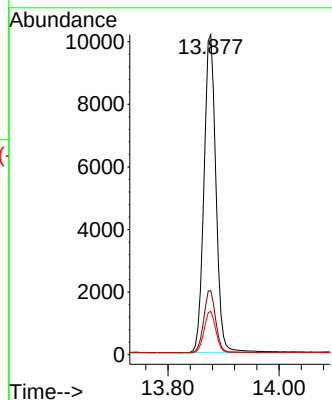
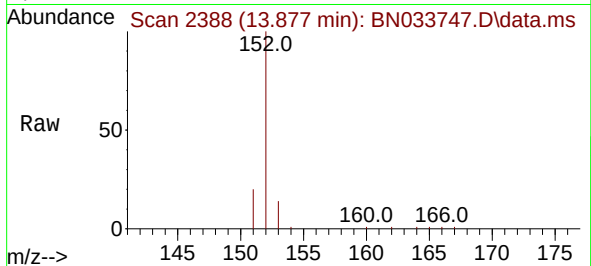




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 13.877 min Scan# 2388
Delta R.T. 0.003 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

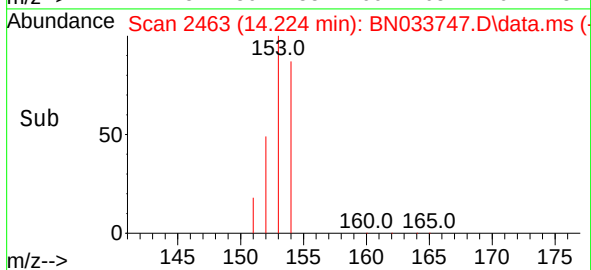
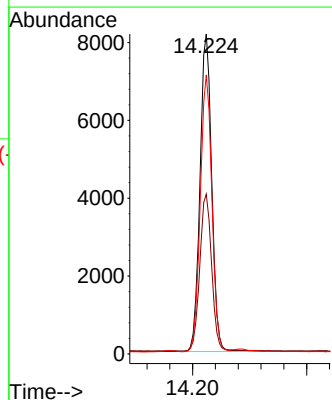
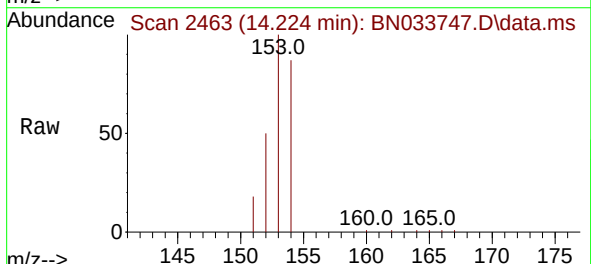
Instrument :
BNA_N
ClientSampleId :
SSTD0.4303

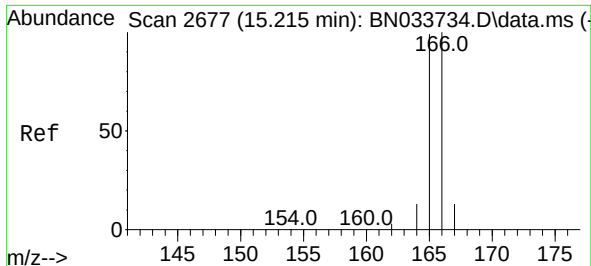
Tgt Ion:152 Resp: 15275
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.224 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

Tgt Ion:153 Resp: 11603
Ion Ratio Lower Upper
153 100
152 49.9 39.8 59.8
154 87.2 69.0 103.6

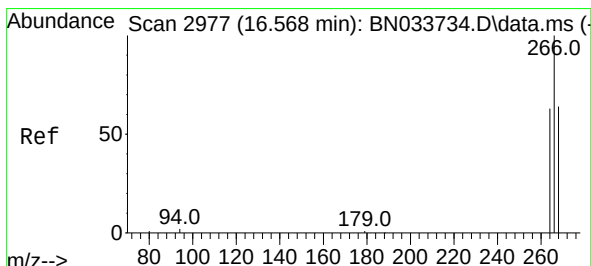
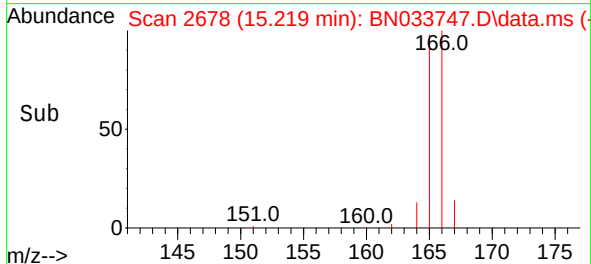
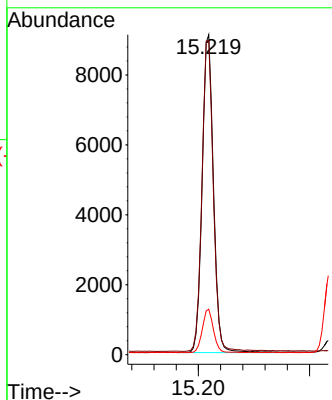
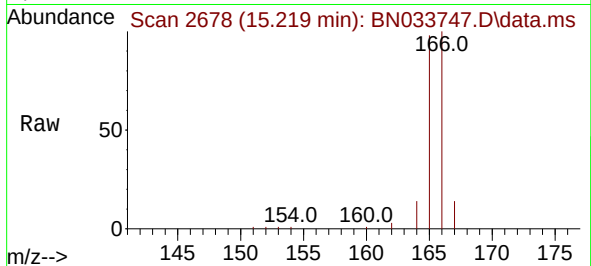




#12
 Fluorene
 Concen: 0.400 ng/ul
 RT: 15.219 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: BN033747.D
 Acq: 03 Sep 2024 19:22

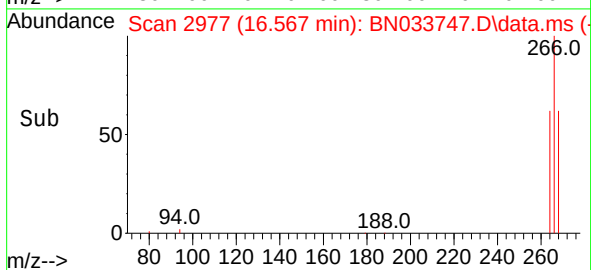
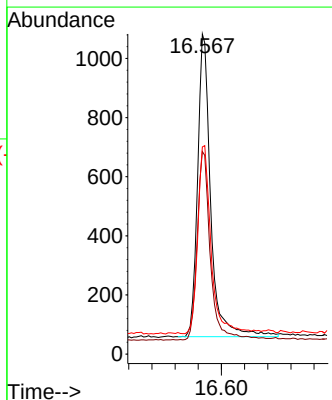
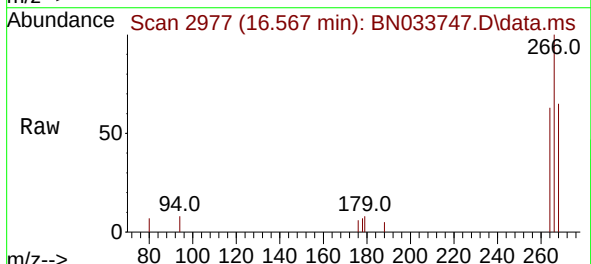
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4303

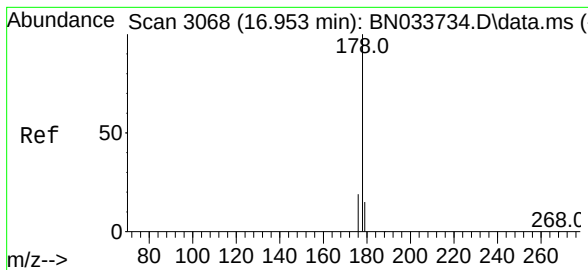
Tgt Ion:166 Resp: 12837
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.1 118.7
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.287 ng/ul
 RT: 16.567 min Scan# 2977
 Delta R.T. -0.001 min
 Lab File: BN033747.D
 Acq: 03 Sep 2024 19:22

Tgt Ion:266 Resp: 1612
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.3 75.5
 268 63.9 51.7 77.5

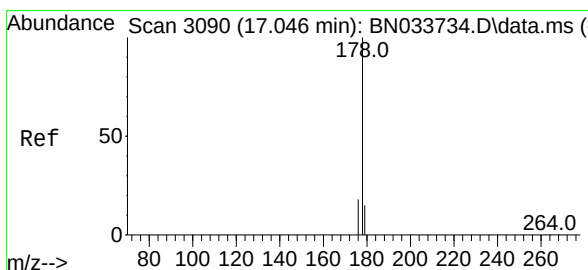
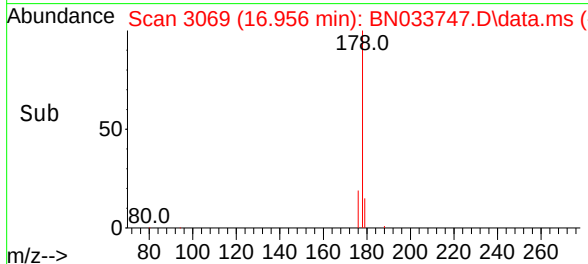
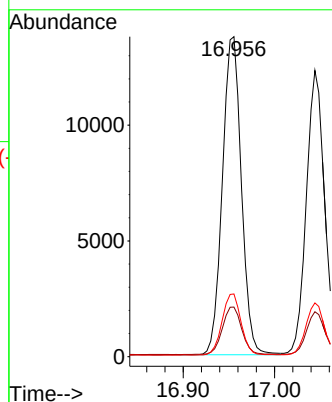
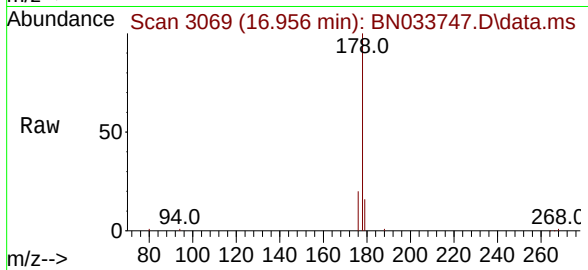




#15
 Phenanthrene
 Concen: 0.376 ng/ul
 RT: 16.956 min Scan# 3069
 Delta R.T. 0.003 min
 Lab File: BN033747.D
 Acq: 03 Sep 2024 19:22

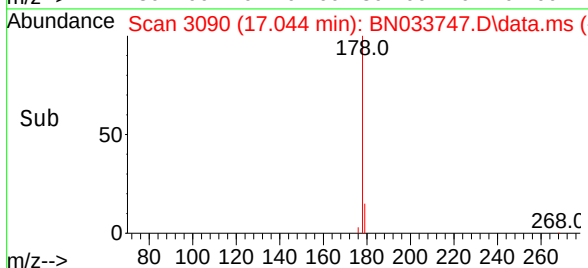
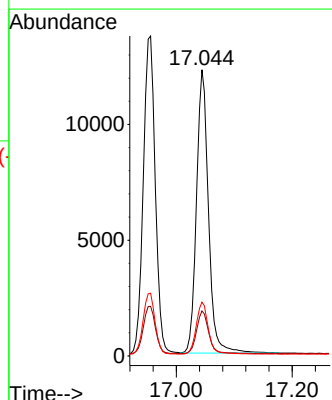
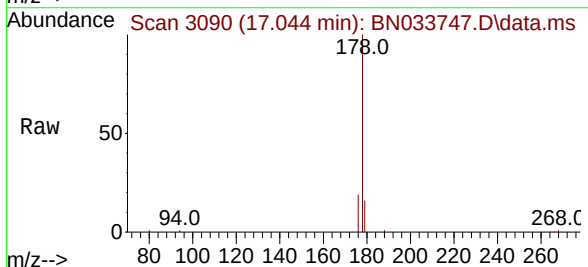
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4303

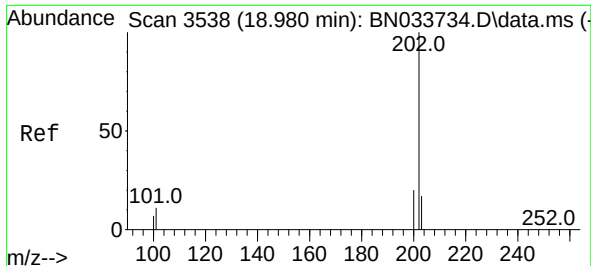
Tgt Ion:	178	Resp:	19775
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	19.6	15.7	23.5



#16
 Anthracene
 Concen: 0.372 ng/ul
 RT: 17.044 min Scan# 3090
 Delta R.T. -0.001 min
 Lab File: BN033747.D
 Acq: 03 Sep 2024 19:22

Tgt Ion:	178	Resp:	17602
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	18.8	15.2	22.8





#19

Fluoranthene

Concen: 0.384 ng/ul

RT: 18.979 min Scan# 3538

Delta R.T. -0.001 min

Lab File: BN033747.D

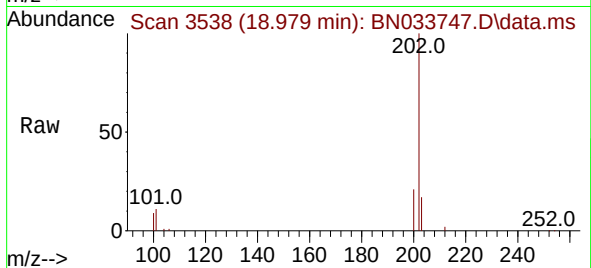
Acq: 03 Sep 2024 19:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4303



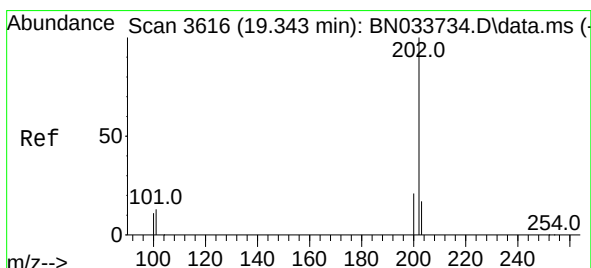
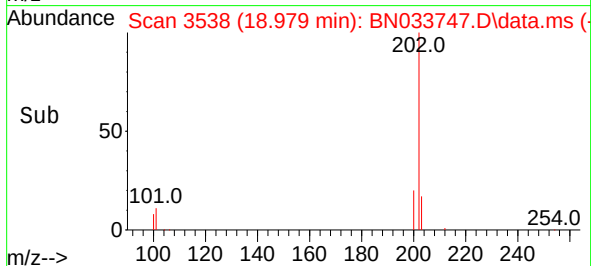
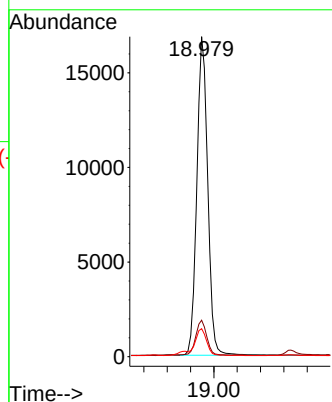
Tgt Ion:202 Resp: 21782

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

100 8.8 6.7 10.1



#20

Pyrene

Concen: 0.378 ng/ul

RT: 19.346 min Scan# 3617

Delta R.T. 0.003 min

Lab File: BN033747.D

Acq: 03 Sep 2024 19:22

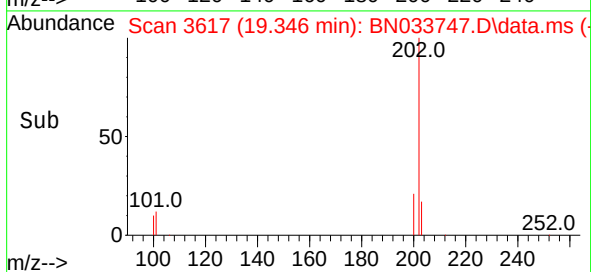
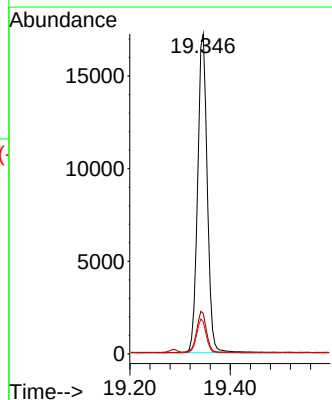
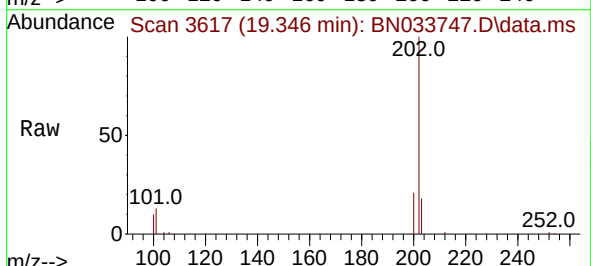
Tgt Ion:202 Resp: 22785

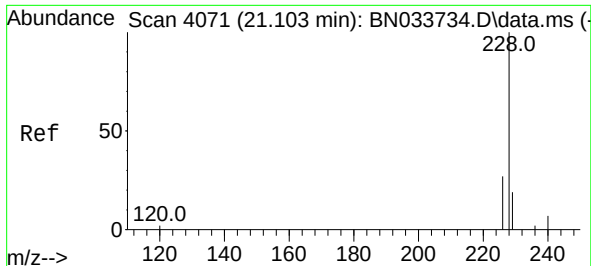
Ion Ratio Lower Upper

202 100

101 12.7 10.8 16.2

100 10.0 8.7 13.1

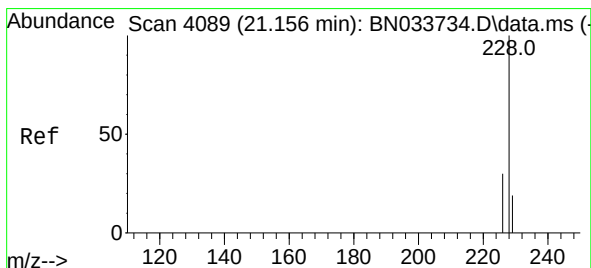
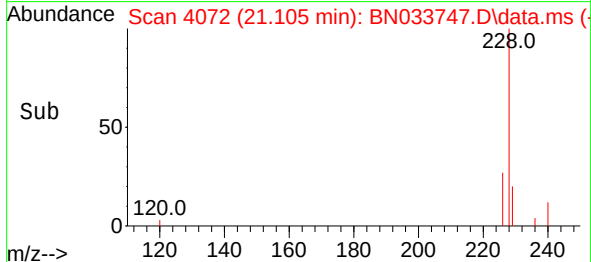
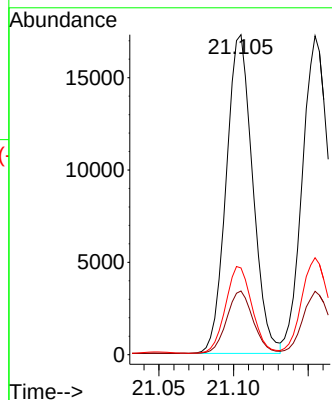
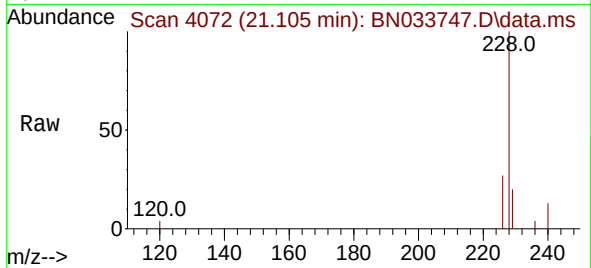




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.105 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

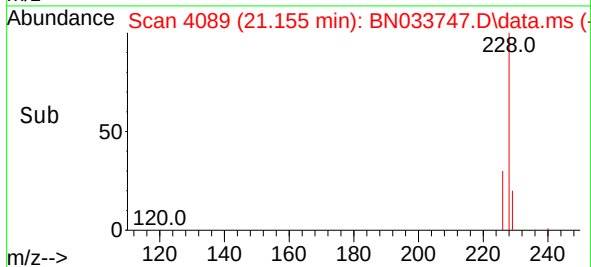
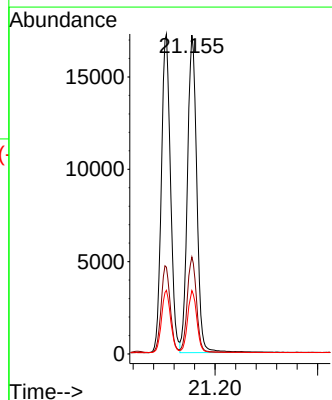
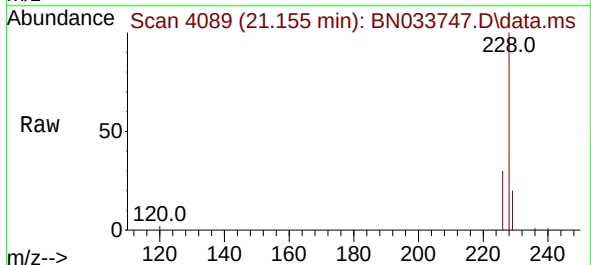
Instrument :
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SSTD0.4303

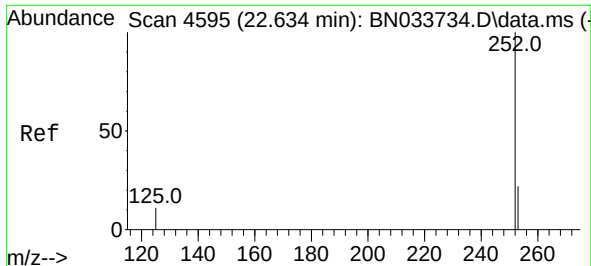
Tgt Ion:228 Resp: 21278
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.155 min Scan# 4089
Delta R.T. -0.001 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

Tgt Ion:228 Resp: 21775
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.9 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.366 ng/ul

RT: 22.633 min Scan# 4595

Delta R.T. -0.001 min

Lab File: BN033747.D

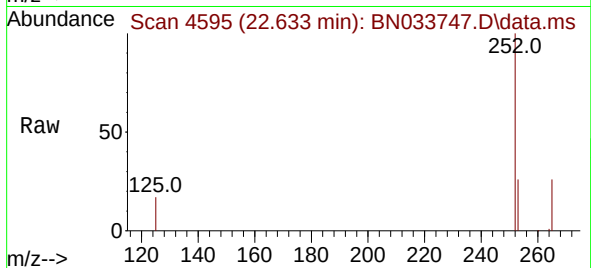
Acq: 03 Sep 2024 19:22

Instrument :

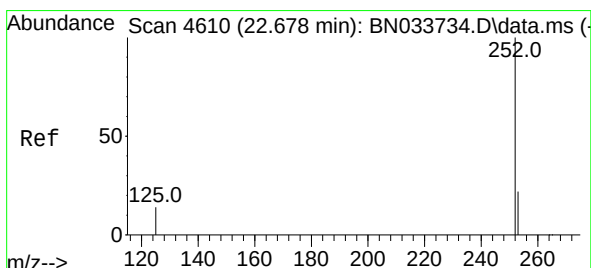
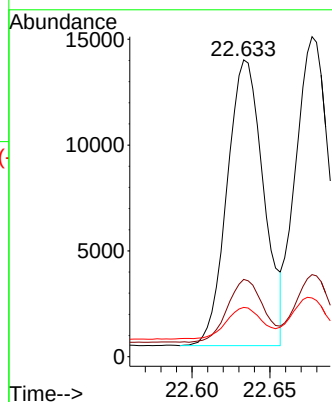
BNA_N

ClientSampleId :

SSTD0.4303



Tgt Ion:252	Resp:	22025
Ion Ratio	Lower	Upper
252	100	
253	26.1	0.0 52.8
125	16.6	0.0 36.4



#25

Benzo(k)fluoranthene

Concen: 0.381 ng/ul

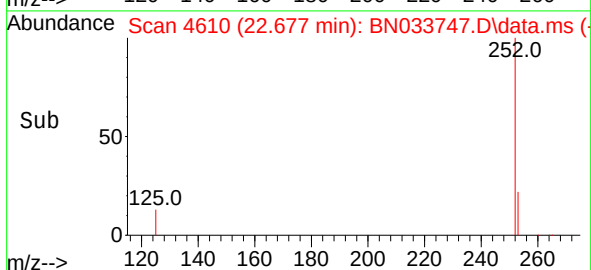
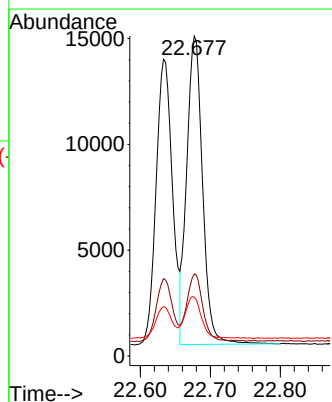
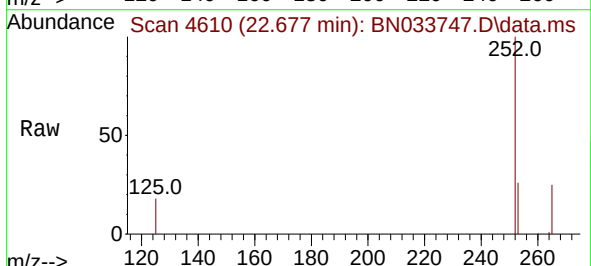
RT: 22.677 min Scan# 4610

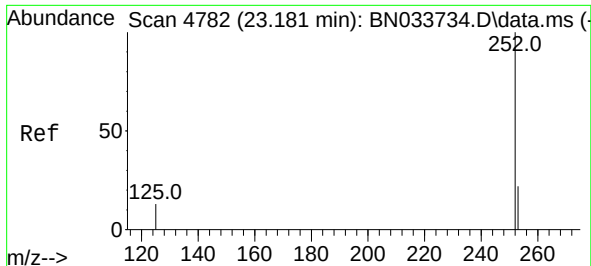
Delta R.T. -0.001 min

Lab File: BN033747.D

Acq: 03 Sep 2024 19:22

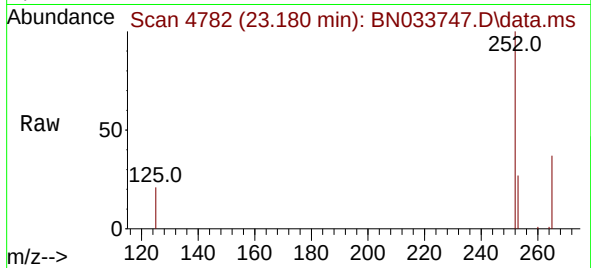
Tgt Ion:252	Resp:	22935
Ion Ratio	Lower	Upper
252	100	
253	25.7	21.4 32.0
125	18.3	15.1 22.7



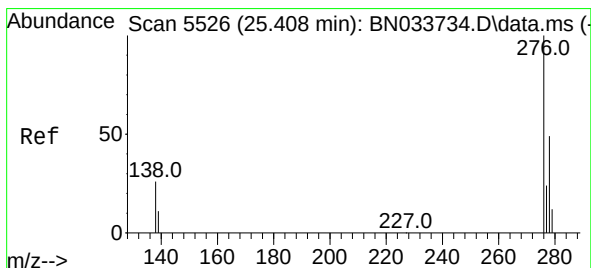
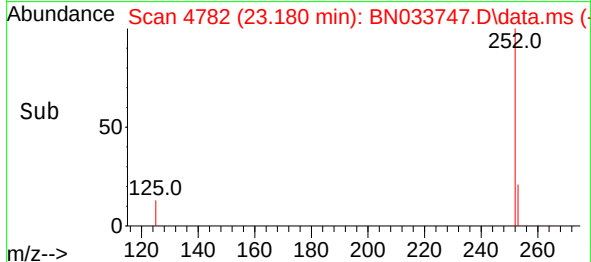
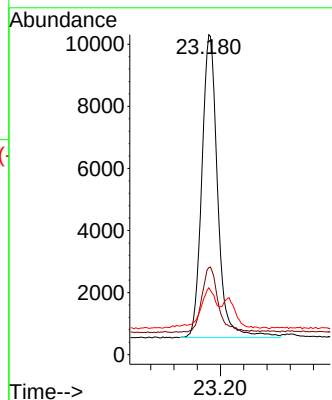


#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.180 min Scan# 4782
Delta R.T. -0.001 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

Instrument :
BNA_N
ClientSampleId :
SSTD0.4303

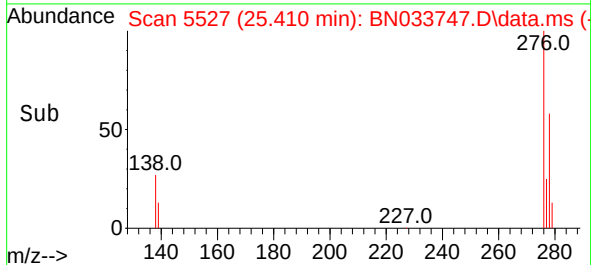
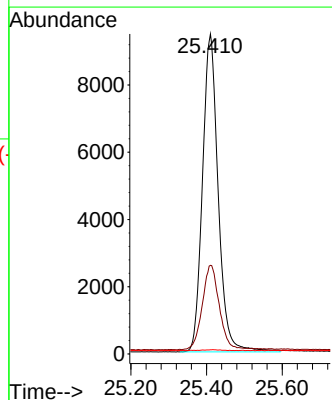
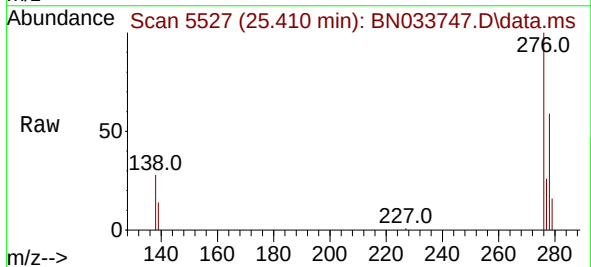


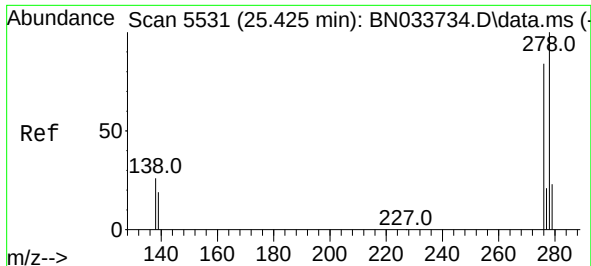
Tgt Ion:252 Resp: 18399
Ion Ratio Lower Upper
252 100
253 27.2 22.8 34.2
125 20.9 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.410 min Scan# 5527
Delta R.T. 0.002 min
Lab File: BN033747.D
Acq: 03 Sep 2024 19:22

Tgt Ion:276 Resp: 27281
Ion Ratio Lower Upper
276 100
138 28.9 22.3 33.5
227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.378 ng/ul

RT: 25.420 min Scan# 51

Delta R.T. -0.005 min

Lab File: BN033747.D

Acq: 03 Sep 2024 19:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4303

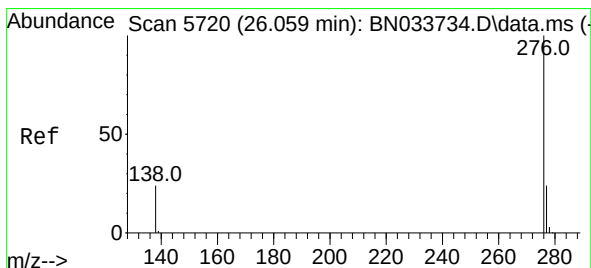
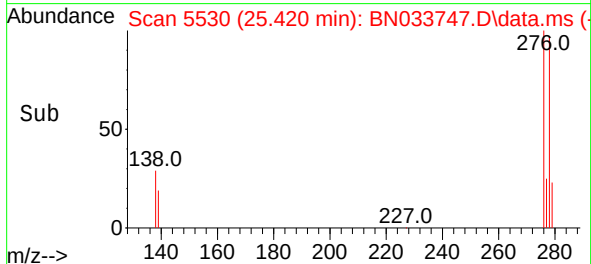
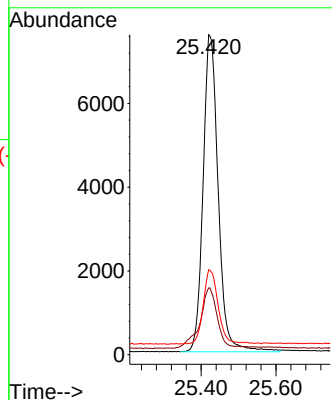
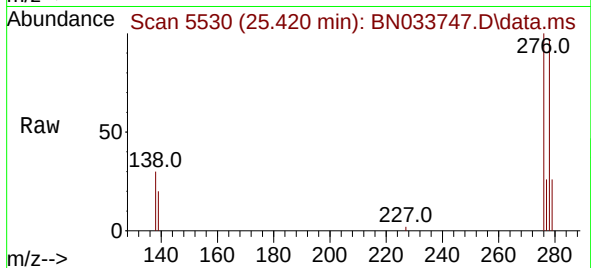
Tgt Ion:278 Resp: 21283

Ion Ratio Lower Upper

278 100

139 20.9 17.3 25.9

279 26.5 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 26.057 min Scan# 5720

Delta R.T. -0.001 min

Lab File: BN033747.D

Acq: 03 Sep 2024 19:22

Tgt Ion:276 Resp: 21206

Ion Ratio Lower Upper

276 100

138 25.5 20.8 31.2

277 24.7 20.2 30.4

