

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032360.D
 Acq On : 01 Jul 2024 13:24
 Operator : MA/JU
 Sample : P2934-25DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN5DL

Quant Time: Jul 01 13:49:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

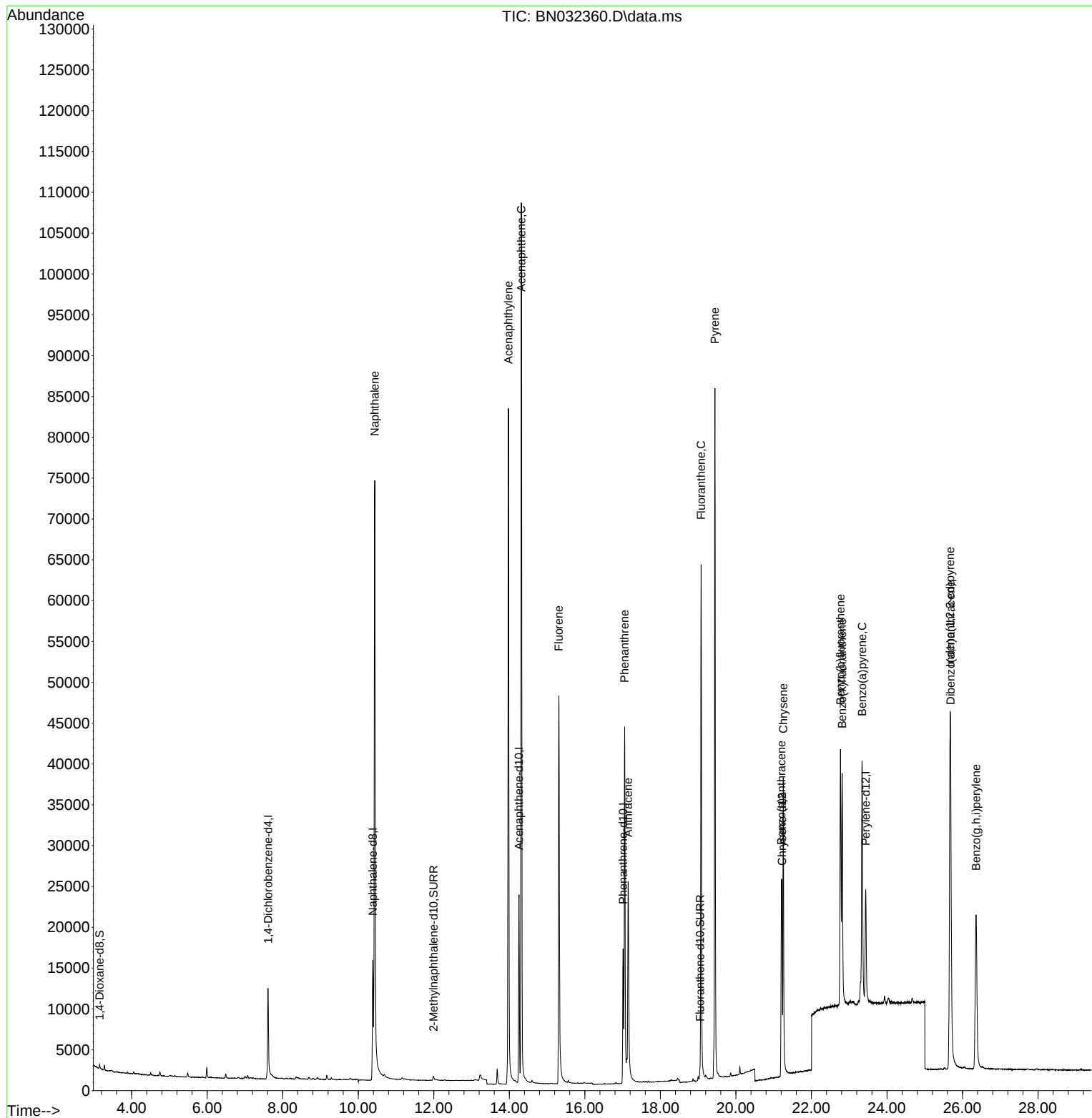
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	23345	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13498	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	22526	0.400	ng/ul	-0.01
17) Chrysene-d12	21.220	240	16006	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	19146	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	457	0.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1047	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	1830	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	114792	1.858	ng/ul	99
10) Acenaphthylene	13.975	152	102681	1.829	ng/ul	99
11) Acenaphthene	14.318	153	66898	1.535	ng/ul	98
12) Fluorene	15.312	166	38179	0.735	ng/ul	99
15) Phenanthrene	17.054	178	51596	0.835	ng/ul	100
16) Anthracene	17.147	178	34680	0.630	ng/ul	100
19) Fluoranthene	19.078	202	60200	0.988	ng/ul	98
20) Pyrene	19.445	202	73040	1.147	ng/ul	98
21) Benzo(a)anthracene	21.205	228	18564	0.321	ng/ul	98
22) Chrysene	21.255	228	35408	0.558	ng/ul	98
24) Benzo(b)fluoranthene	22.769	252	42113	0.506	ng/ul	96
25) Benzo(k)fluoranthene	22.813	252	37528	0.464	ng/ul#	94
26) Benzo(a)pyrene	23.342	252	47047	0.813	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.673	276	59848	0.660	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.686	278	38427	0.571	ng/ul	97
29) Benzo(g,h,i)perylene	26.360	276	41279	0.572	ng/ul	98

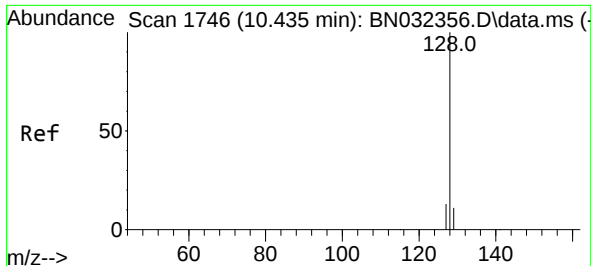
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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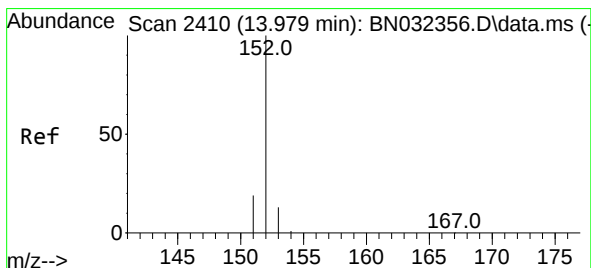
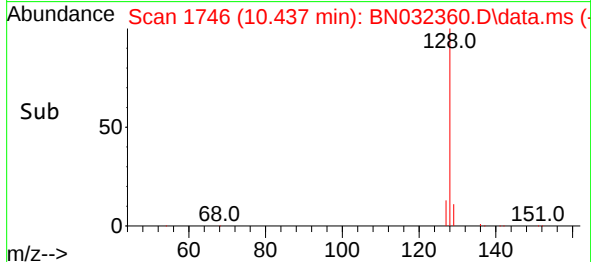
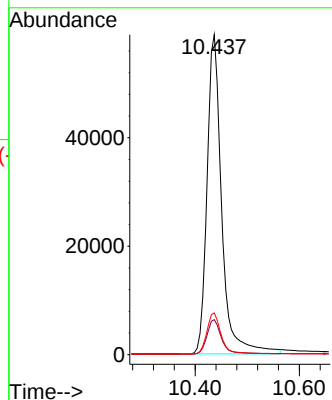
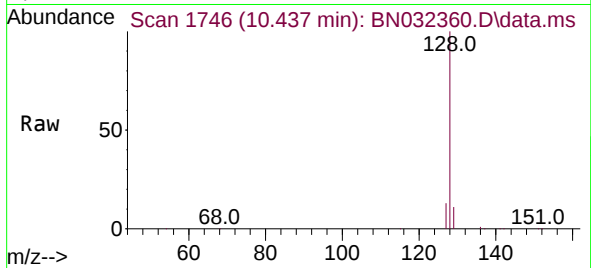




#5
Naphthalene
Concen: 1.858 ng/ul
RT: 10.437 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

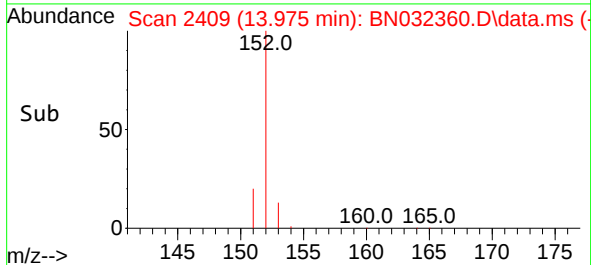
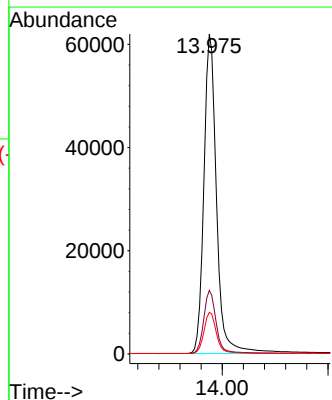
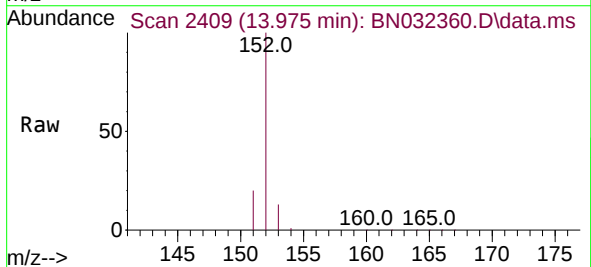
Instrument :
BNA_N
ClientSampleId :
A4DN5DL

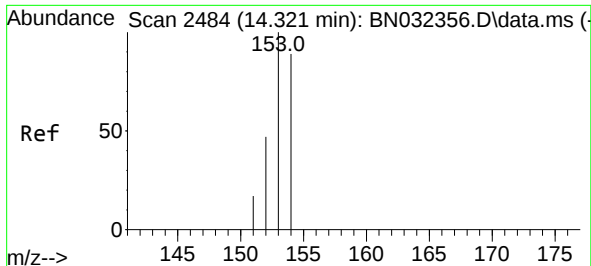
Tgt Ion:128 Resp: 114792
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.0 10.8 16.2



#10
Acenaphthylene
Concen: 1.829 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:152 Resp: 102681
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.9 16.3

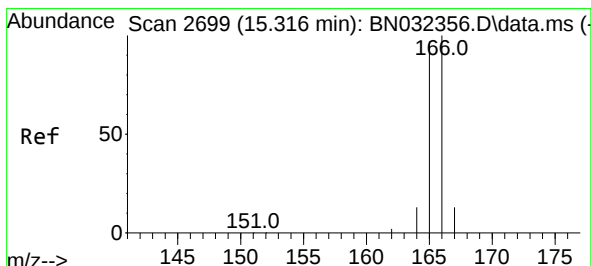
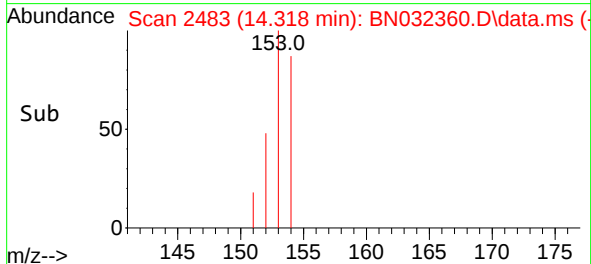
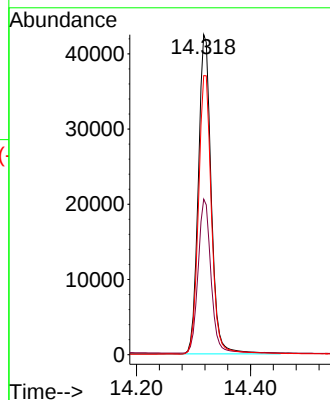
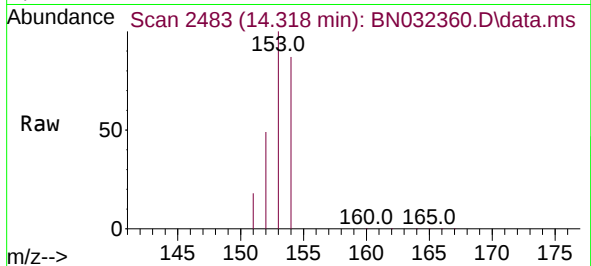




#11
Acenaphthene
Concen: 1.535 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

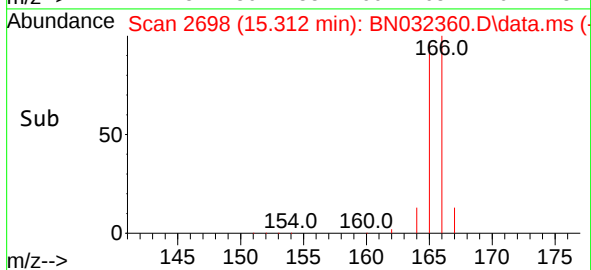
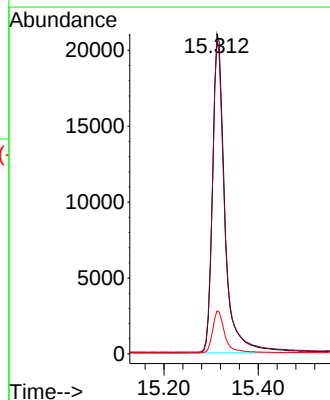
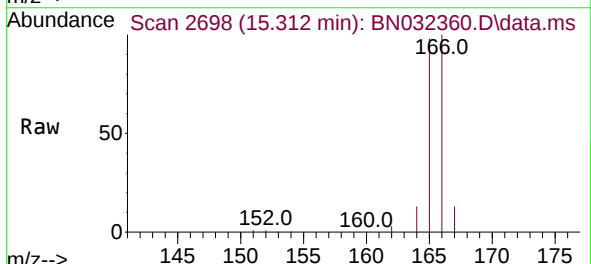
Instrument :
BNA_N
ClientSampleId :
A4DN5DL

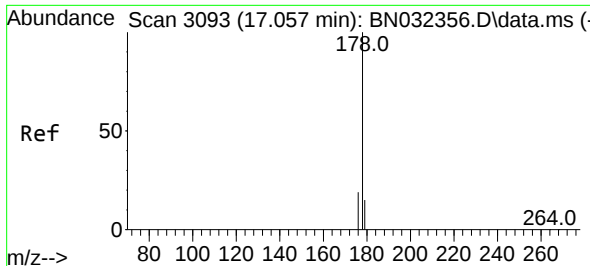
Tgt Ion:153 Resp: 66898
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 87.2 71.7 107.5



#12
Fluorene
Concen: 0.735 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:166 Resp: 38179
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.5 11.0 16.6

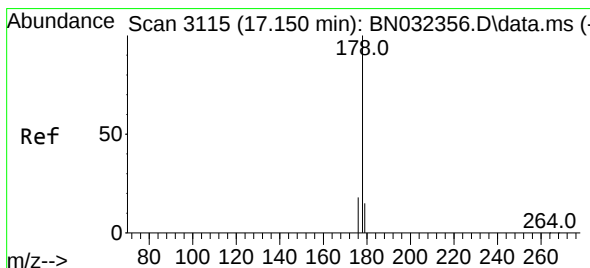
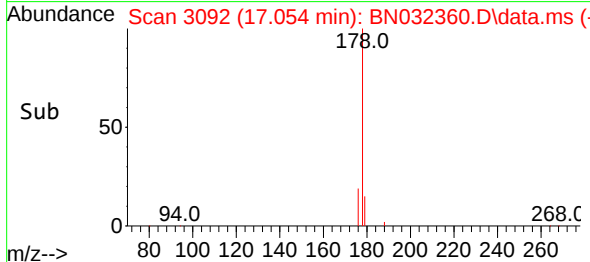
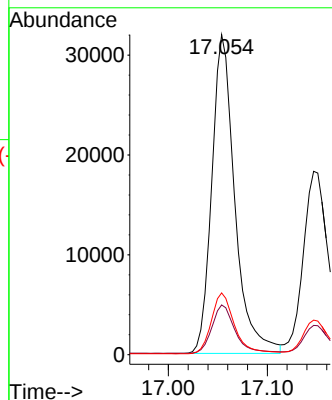
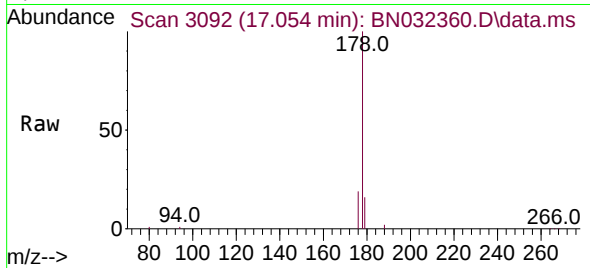




#15
Phenanthrene
Concen: 0.835 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

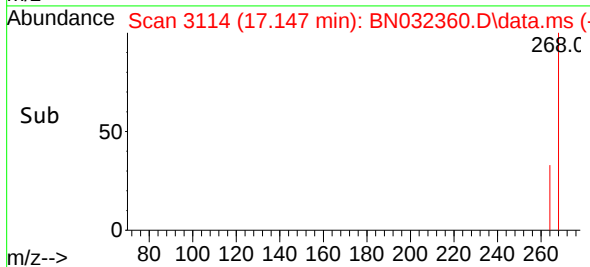
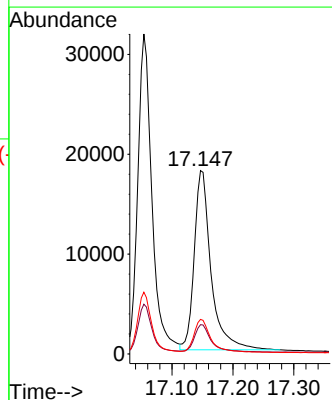
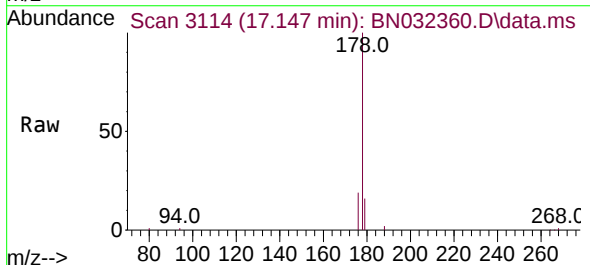
Instrument :
BNA_N
ClientSampleId :
A4DN5DL

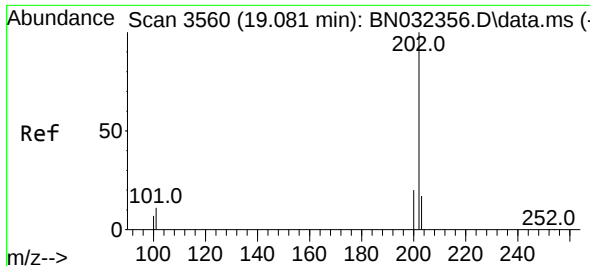
Tgt Ion:178 Resp: 51596
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.630 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:178 Resp: 34680
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.8 15.0 22.6

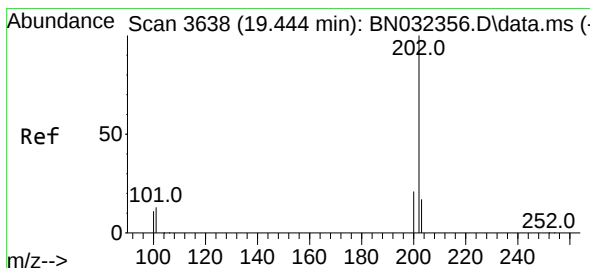
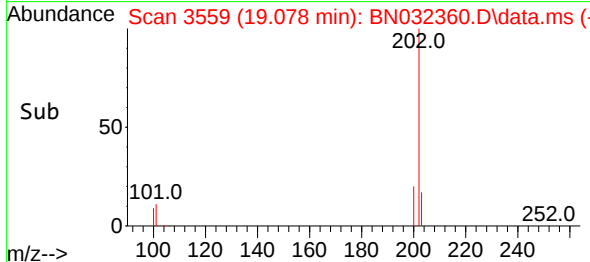
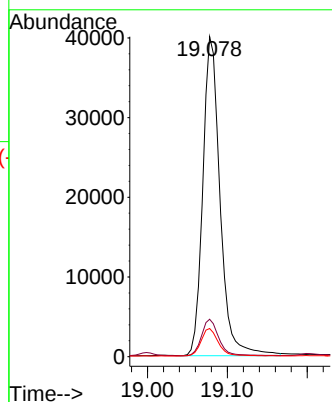
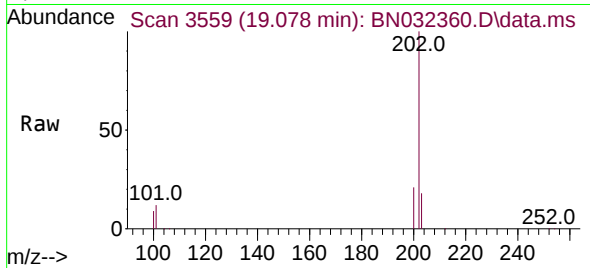




#19
Fluoranthene
Concen: 0.988 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

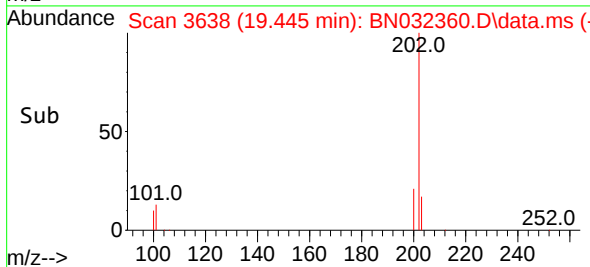
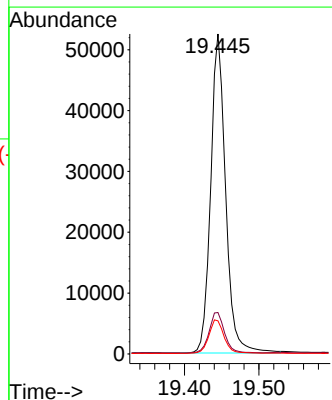
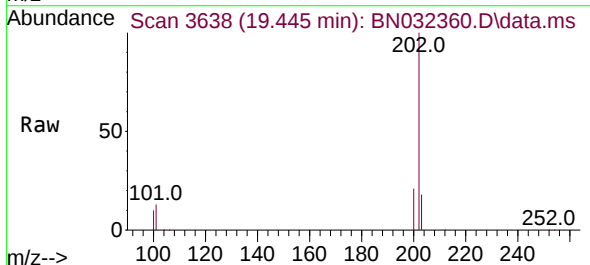
Instrument :
BNA_N
ClientSampleId :
A4DN5DL

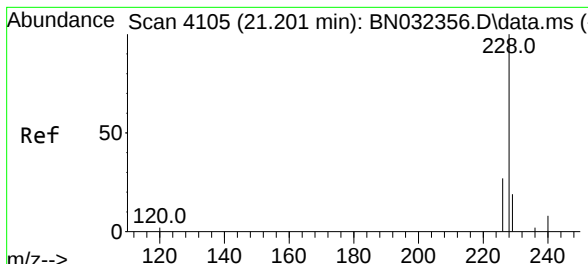
Tgt Ion:202 Resp: 60200
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.8 6.4 9.6



#20
Pyrene
Concen: 1.147 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:202 Resp: 73040
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.4 8.7 13.1



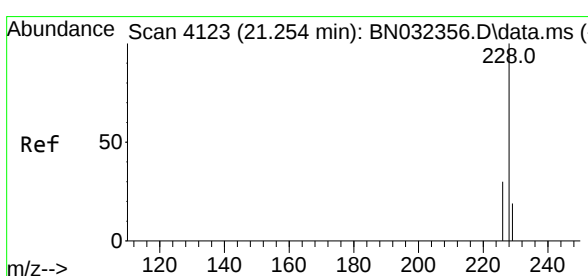
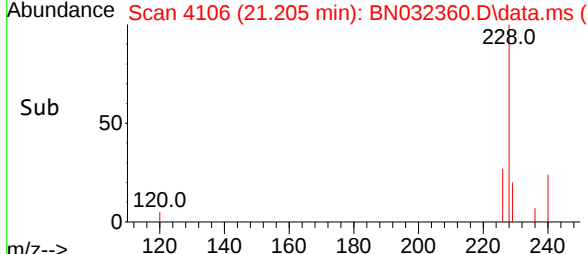
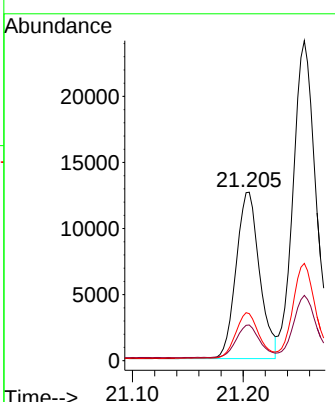
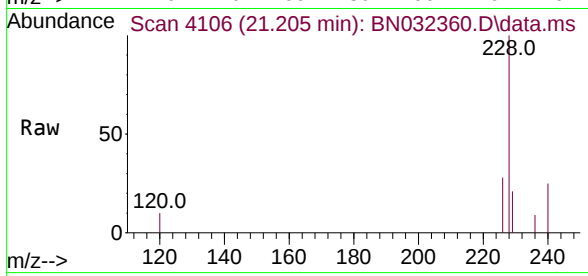


#21
 Benzo(a)anthracene
 Concen: 0.321 ng/ul
 RT: 21.205 min Scan# 4106
 Delta R.T. -0.009 min
 Lab File: BN032360.D
 Acq: 01 Jul 2024 13:24

Instrument :
 BNA_N
 ClientSampleId :
 A4DN5DL

Tgt Ion:228 Resp: 18564

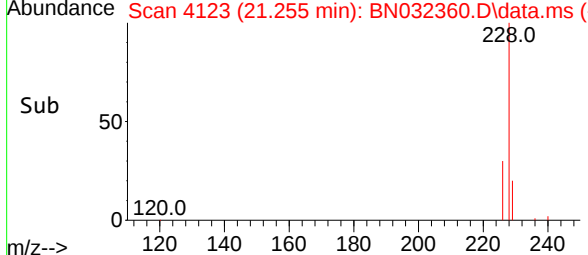
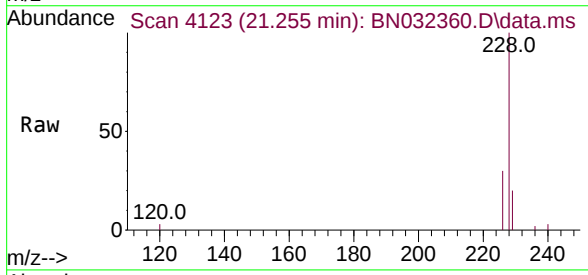
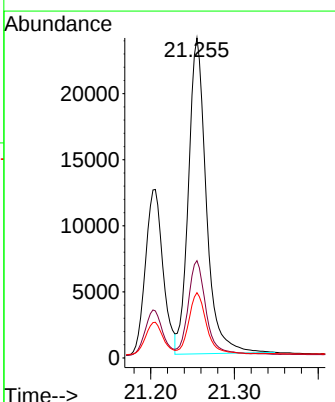
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	27.9	21.8	32.8

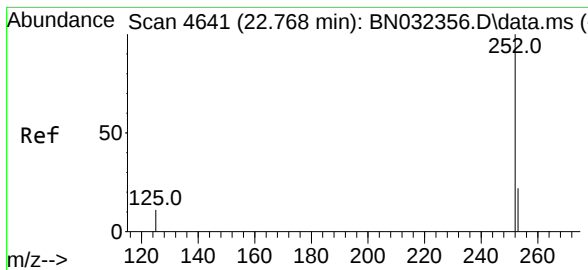


#22
 Chrysene
 Concen: 0.558 ng/ul
 RT: 21.255 min Scan# 4123
 Delta R.T. -0.012 min
 Lab File: BN032360.D
 Acq: 01 Jul 2024 13:24

Tgt Ion:228 Resp: 35408

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	20.4	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 0.506 ng/ul

RT: 22.769 min Scan# 4641

Delta R.T. -0.015 min

Lab File: BN032360.D

Acq: 01 Jul 2024 13:24

Instrument :

BNA_N

ClientSampleId :

A4DN5DL

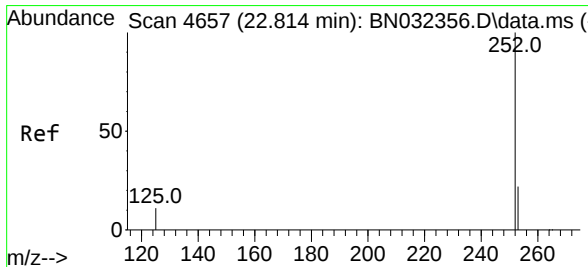
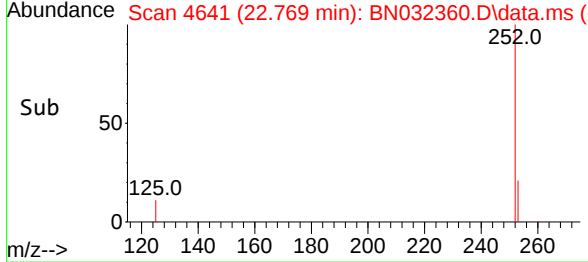
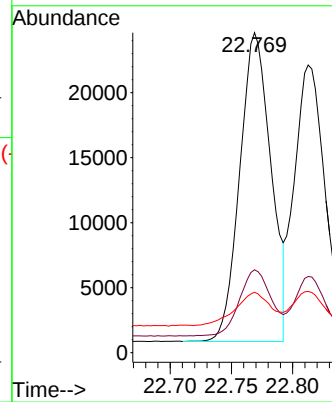
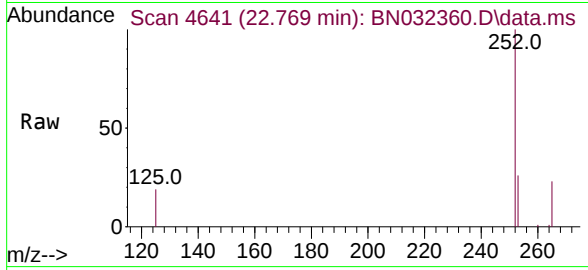
Tgt Ion:252 Resp: 42113

Ion Ratio Lower Upper

252 100

253 25.9 0.0 50.2

125 18.9 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.464 ng/ul

RT: 22.813 min Scan# 4656

Delta R.T. -0.015 min

Lab File: BN032360.D

Acq: 01 Jul 2024 13:24

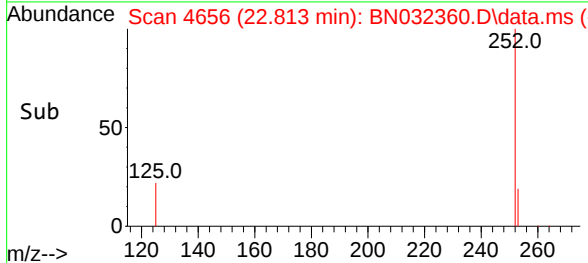
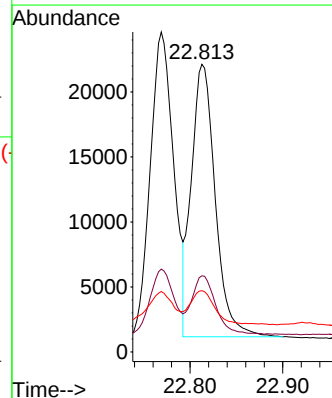
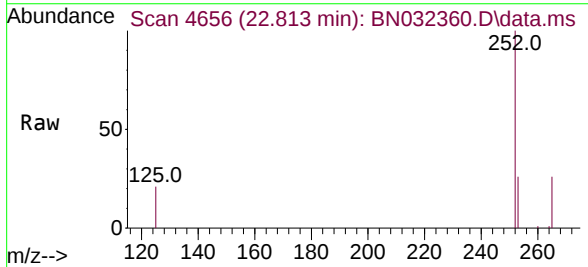
Tgt Ion:252 Resp: 37528

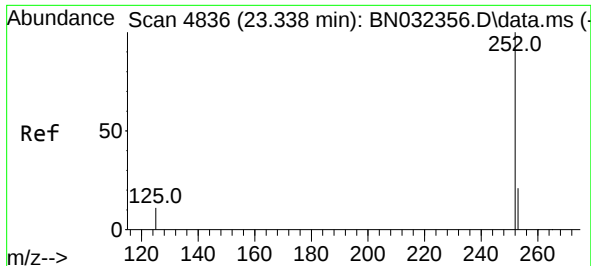
Ion Ratio Lower Upper

252 100

253 26.5 20.3 30.5

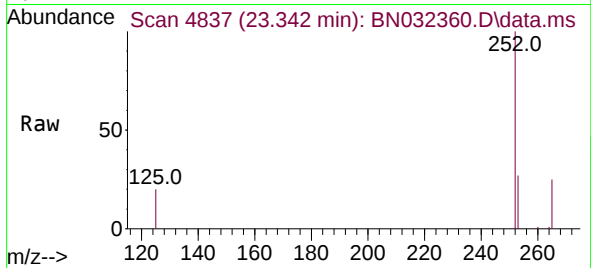
125 21.3 12.8 19.2#



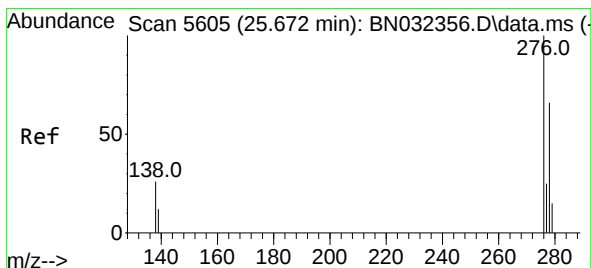
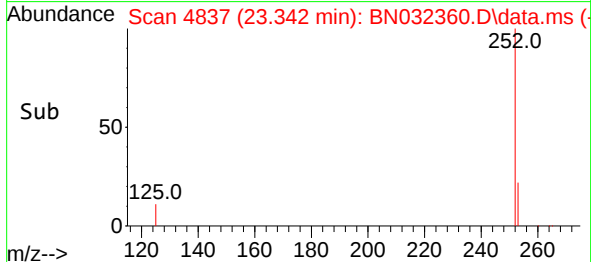
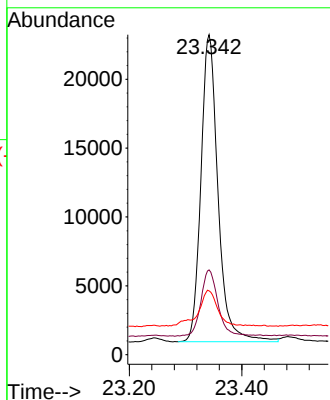


#26
Benzo(a)pyrene
Concen: 0.813 ng/ul
RT: 23.342 min Scan# 4836
Delta R.T. -0.018 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Instrument :
BNA_N
ClientSampleId :
A4DN5DL

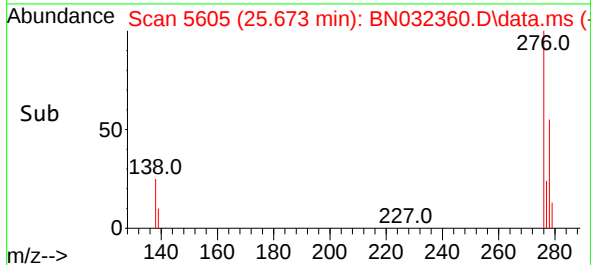
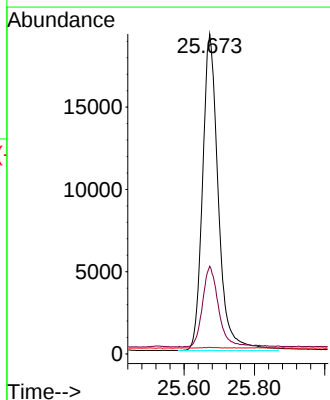
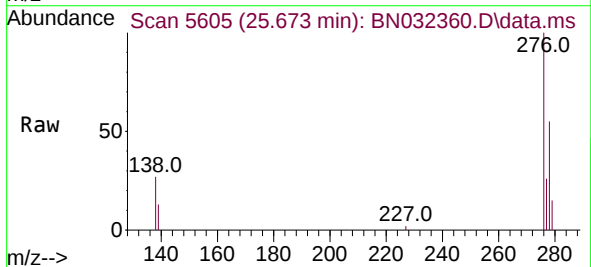


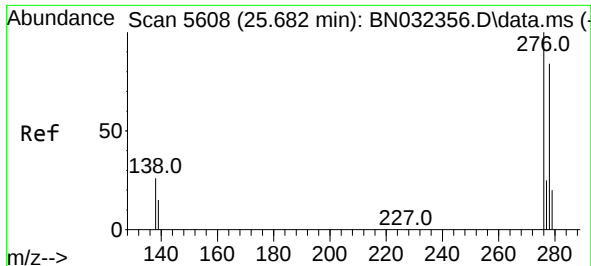
Tgt Ion:252 Resp: 47047
Ion Ratio Lower Upper
252 100
253 26.5 22.2 33.2
125 19.9 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.660 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:276 Resp: 59848
Ion Ratio Lower Upper
276 100
138 26.1 21.3 31.9
227 0.2 0.1 0.1#

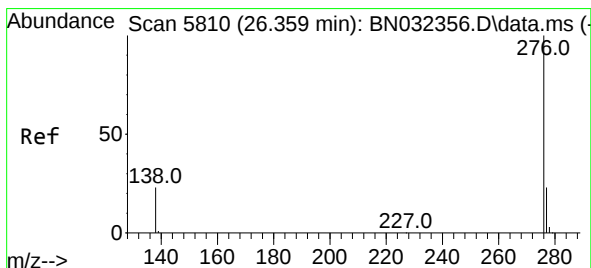
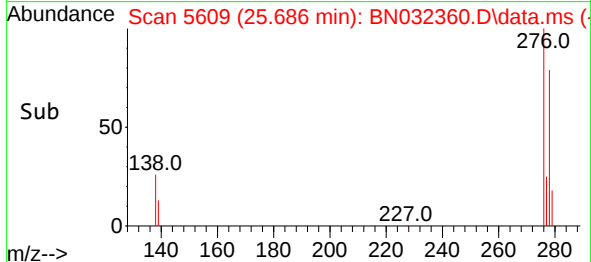
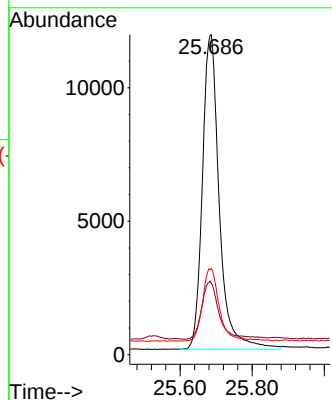
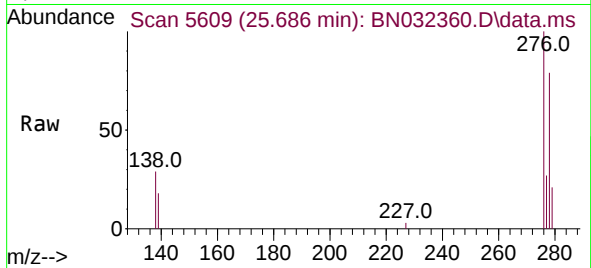




#28
Dibenzo(a,h)anthracene
Concen: 0.571 ng/ul
RT: 25.686 min Scan# 5609
Delta R.T. -0.024 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Instrument :
BNA_N
ClientSampleId :
A4DN5DL

Tgt Ion:278 Resp: 38427
Ion Ratio Lower Upper
278 100
139 22.2 15.9 23.9
279 26.9 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.572 ng/ul
RT: 26.360 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032360.D
Acq: 01 Jul 2024 13:24

Tgt Ion:276 Resp: 41279
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 25.7 19.8 29.6

