

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032660.D
 Acq On : 12 Jul 2024 06:24
 Operator : MA/JU
 Sample : P3138-03MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZF8MS

Quant Time: Jul 12 06:48:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

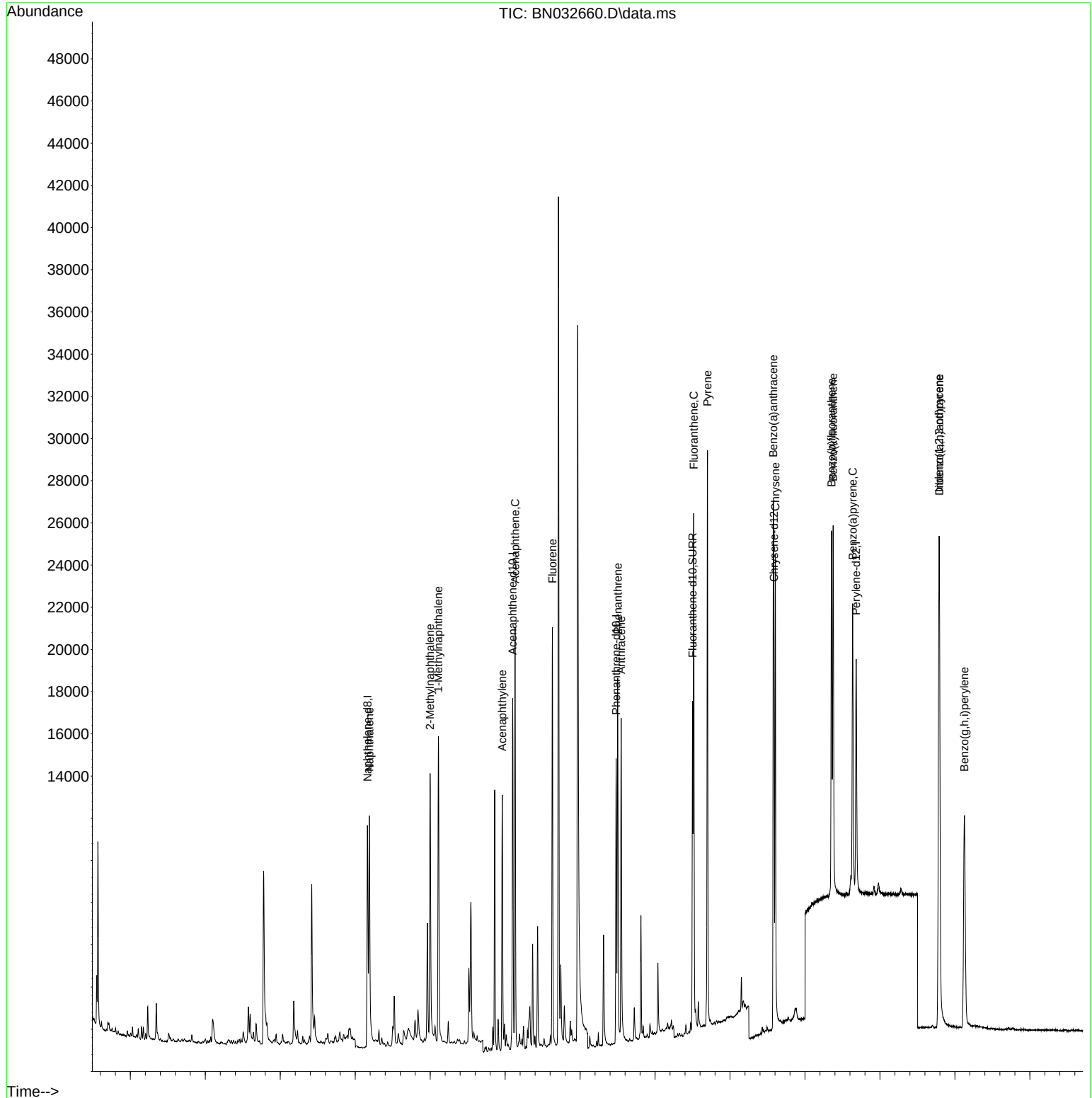
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	5548	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	17631	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	9843	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	16543	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	13125	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	15487	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1547	0.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9421	0.354	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	17935	0.419	ng/ul	-0.03
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.135	88	5845	0.770	ng/ul#	83
5) Naphthalene	10.376	128	17809	0.376	ng/ul	98
7) 2-Methylnaphthalene	11.999	142	11366	0.385	ng/ul	96
8) 1-Methylnaphthalene	12.218	142	11372	0.372	ng/ul	100
10) Acenaphthylene	13.924	152	15486	0.389	ng/ul	100
11) Acenaphthene	14.267	153	11897	0.362	ng/ul	99
12) Fluorene	15.261	166	12890	0.343	ng/ul	99
14) Pentachlorophenol	16.627	266	4618	1.591	ng/ul	99
15) Phenanthrene	17.003	178	19739	0.438	ng/ul	99
16) Anthracene	17.096	178	18582	0.505	ng/ul	99
19) Fluoranthene	19.031	202	22362	0.419	ng/ul	99
20) Pyrene	19.398	202	23675	0.429	ng/ul	99
21) Benzo(a)anthracene	21.156	228	20876	0.500	ng/ul	98
22) Chrysene	21.208	228	22559	0.373	ng/ul	97
24) Benzo(b)fluoranthene	22.707	252	22626	0.414	ng/ul	95
25) Benzo(k)fluoranthene	22.751	252	22880	0.344	ng/ul	95
26) Benzo(a)pyrene	23.272	252	20913	0.442	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.579	276	28126	0.439	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.582	278	21990	0.443	ng/ul	96
29) Benzo(g,h,i)perylene	26.253	276	22127	0.413	ng/ul	99

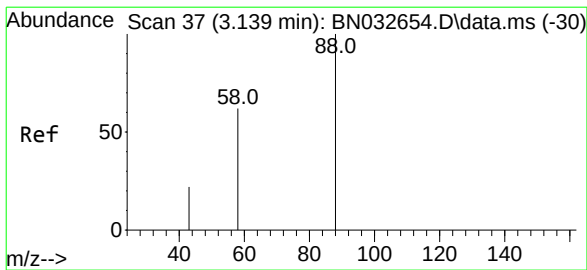
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.770 ng/ul

RT: 3.135 min Scan# 36

Delta R.T. -0.004 min

Lab File: BN032660.D

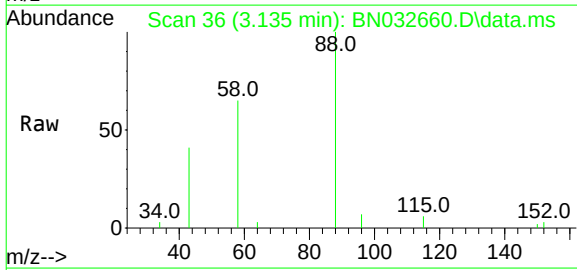
Acq: 12 Jul 2024 06:24

Instrument :

BNA_N

ClientSampleId :

YDZF8MS



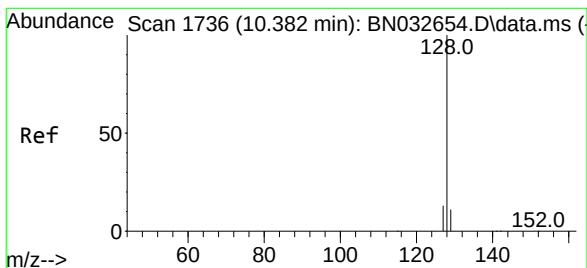
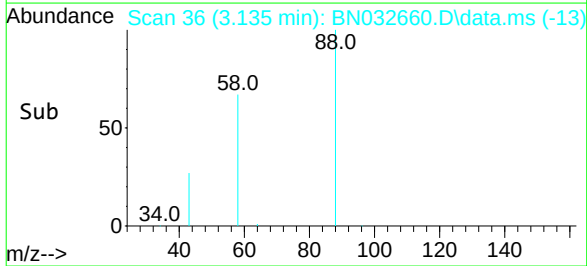
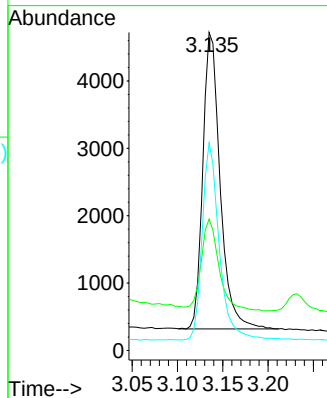
Tgt Ion: 88 Resp: 5845

Ion Ratio Lower Upper

88 100

43 41.3 24.0 36.0#

58 65.3 43.3 64.9#



#5

Naphthalene

Concen: 0.376 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

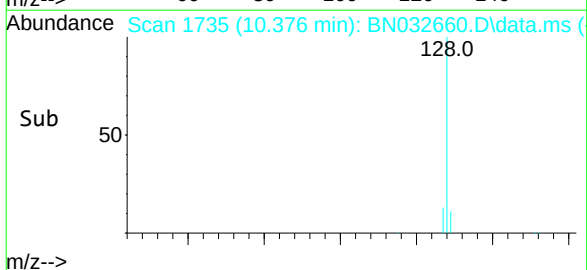
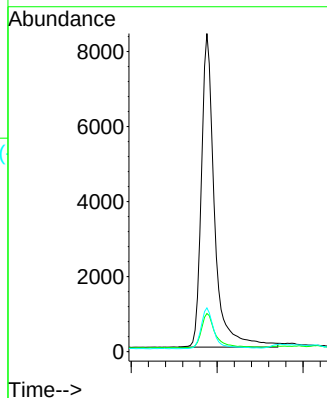
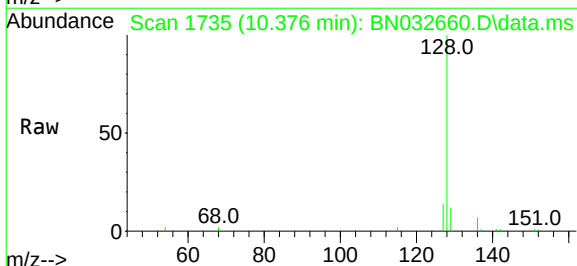
Tgt Ion: 128 Resp: 17809

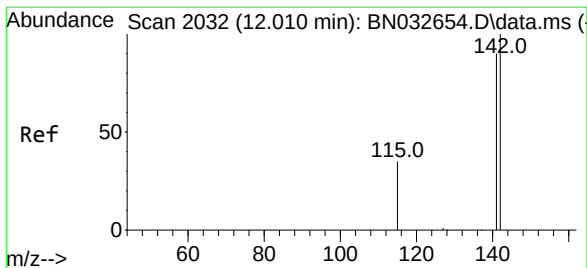
Ion Ratio Lower Upper

128 100

129 12.0 10.0 15.0

127 13.7 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.385 ng/ul

RT: 11.999 min Scan# 20

Delta R.T. -0.050 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

Instrument :

BNA_N

ClientSampleId :

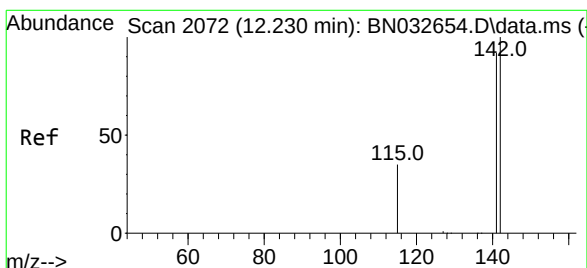
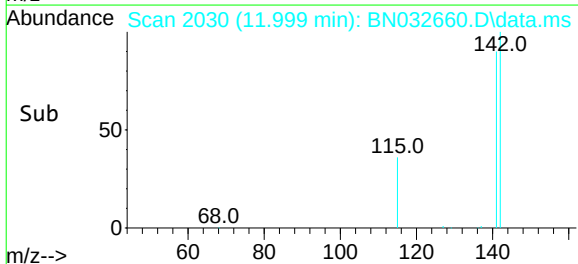
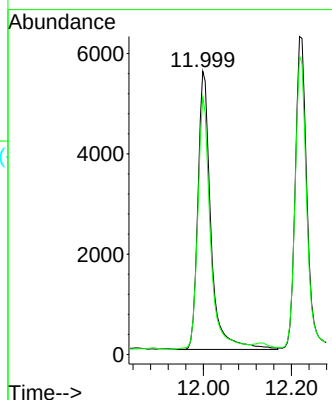
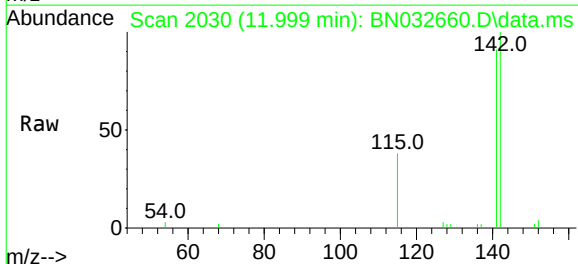
YDZF8MS

Tgt Ion:142 Resp: 11366

Ion Ratio Lower Upper

142 100

141 88.9 74.0 111.0



#8

1-Methylnaphthalene

Concen: 0.372 ng/ul

RT: 12.218 min Scan# 2070

Delta R.T. -0.028 min

Lab File: BN032660.D

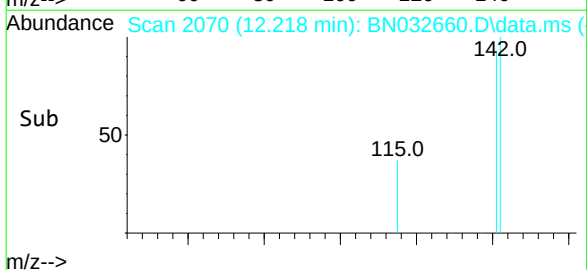
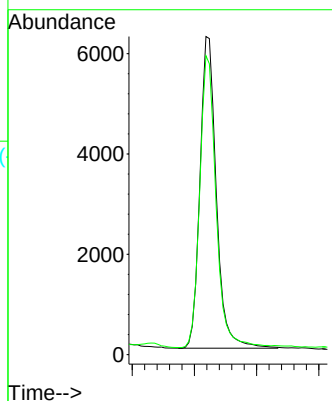
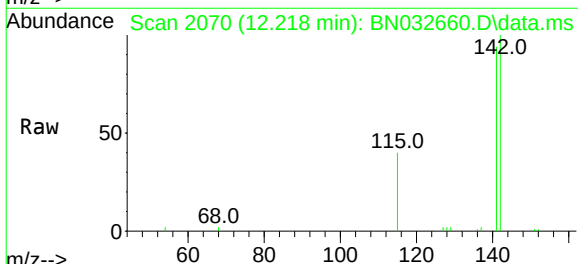
Acq: 12 Jul 2024 06:24

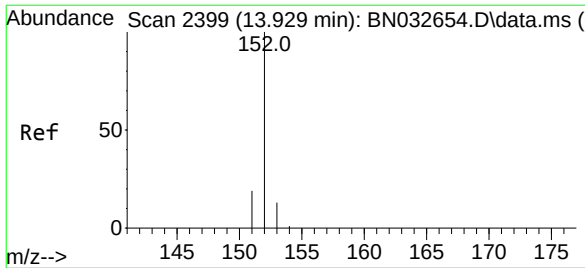
Tgt Ion:142 Resp: 11372

Ion Ratio Lower Upper

142 100

141 93.5 75.0 112.4





#10

Acenaphthylene

Concen: 0.389 ng/ul

RT: 13.924 min Scan# 23

Delta R.T. -0.019 min

Lab File: BN032660.D

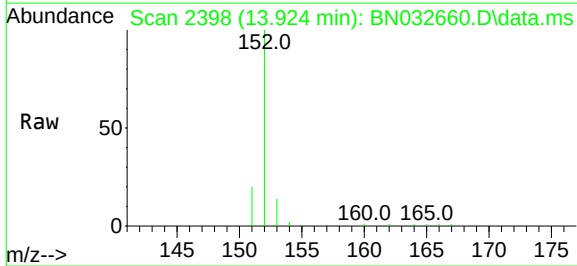
Acq: 12 Jul 2024 06:24

Instrument :

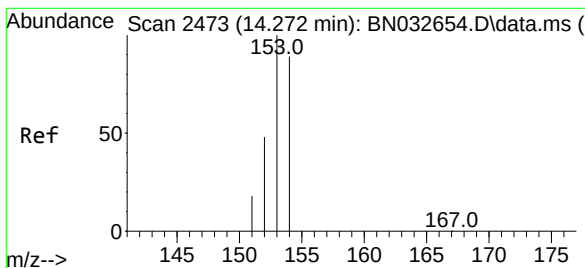
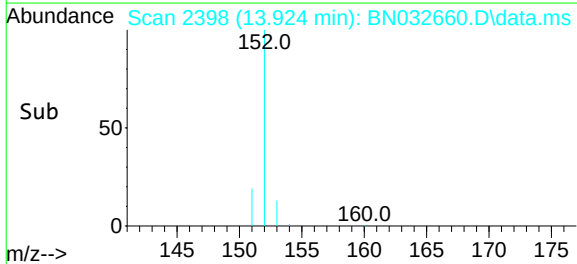
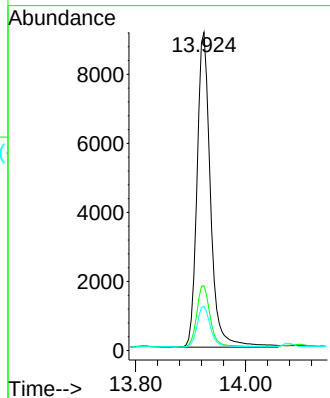
BNA_N

ClientSampleId :

YDZF8MS



Tgt Ion:	152	Resp:	15486
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.9	11.3	16.9



#11

Acenaphthene

Concen: 0.362 ng/ul

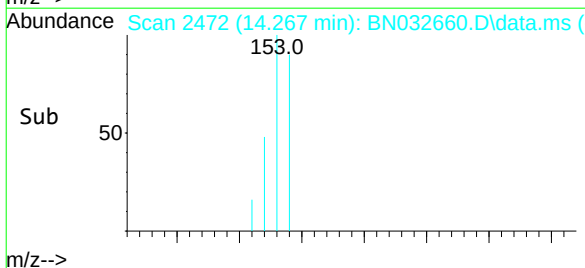
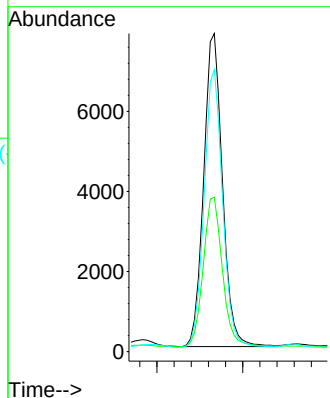
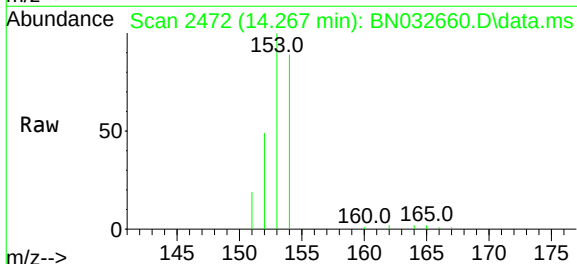
RT: 14.267 min Scan# 2472

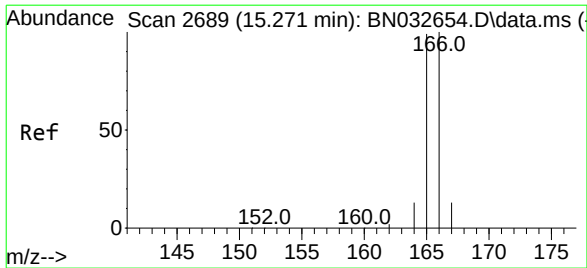
Delta R.T. -0.014 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

Tgt Ion:	153	Resp:	11897
Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.0	60.0
154	88.7	70.2	105.4





#12

Fluorene

Concen: 0.343 ng/ul

RT: 15.261 min Scan# 2689

Delta R.T. -0.028 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

Instrument :

BNA_N

ClientSampleId :

YDZF8MS

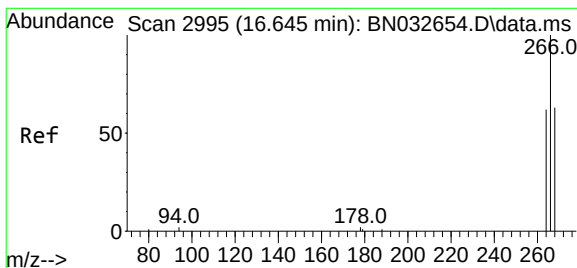
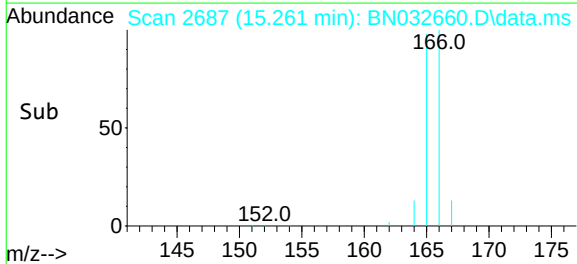
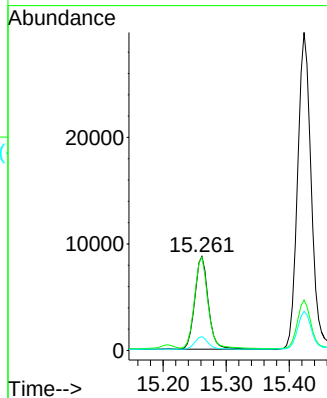
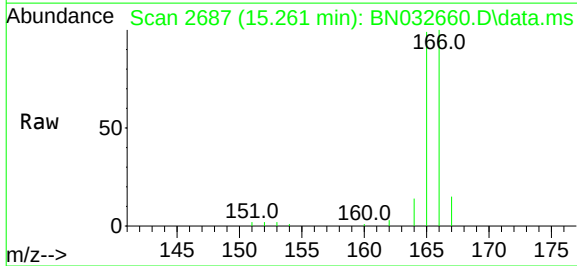
Tgt Ion:166 Resp: 12890

Ion Ratio Lower Upper

166 100

165 99.1 79.7 119.5

167 14.7 11.4 17.2



#14

Pentachlorophenol

Concen: 1.591 ng/ul

RT: 16.627 min Scan# 2991

Delta R.T. -0.042 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

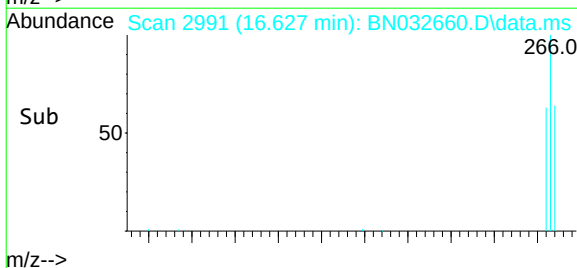
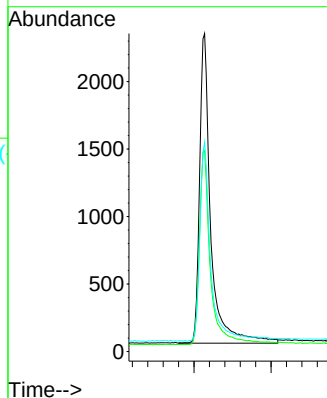
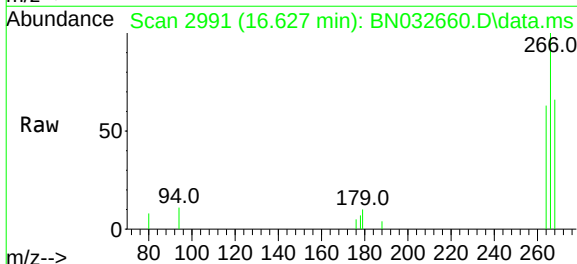
Tgt Ion:266 Resp: 4618

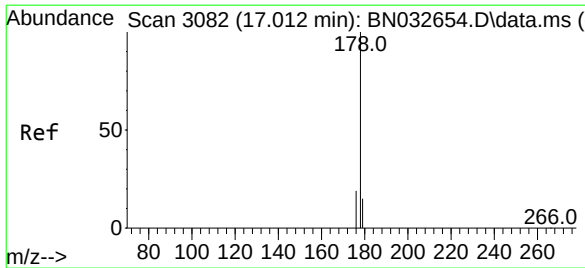
Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.2

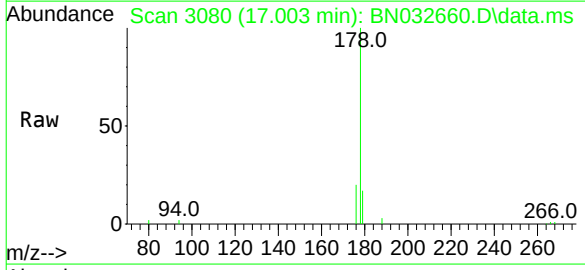
268 64.0 51.6 77.4



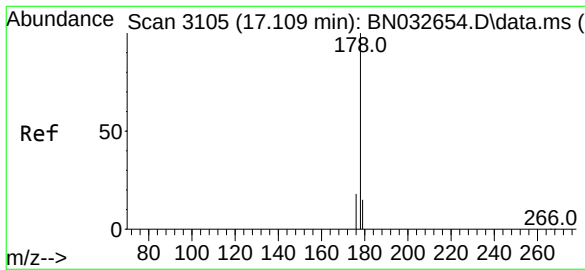
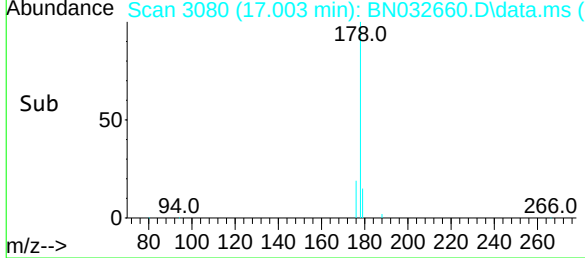
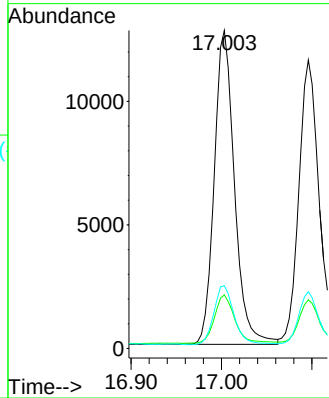


#15
Phenanthrene
Concen: 0.438 ng/u1
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

Instrument :
BNA_N
ClientSampleId :
YDZF8MS

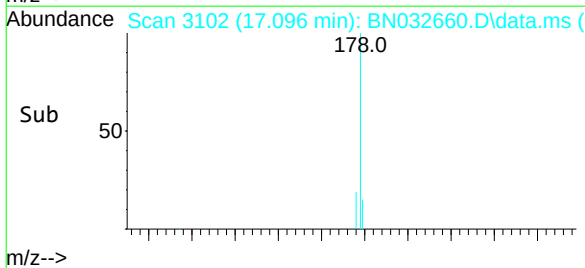
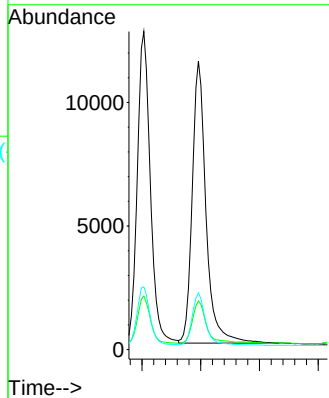
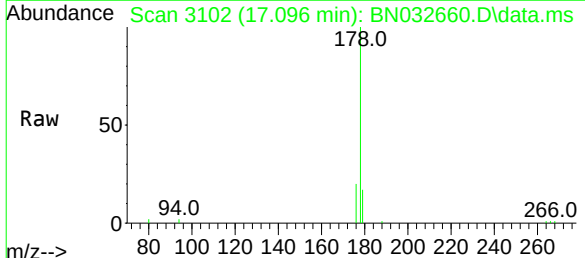


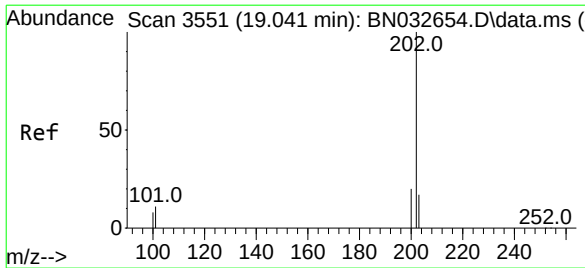
Tgt Ion:178 Resp: 19739
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.505 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

Tgt Ion:178 Resp: 18582
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.2
176 19.7 15.4 23.0





#19

Fluoranthene

Concen: 0.419 ng/u1

RT: 19.031 min Scan# 3551

Delta R.T. -0.023 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

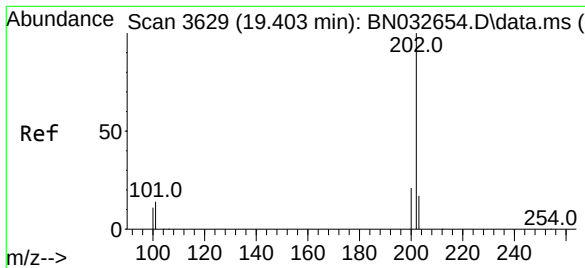
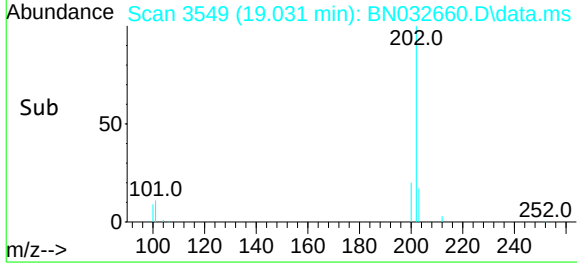
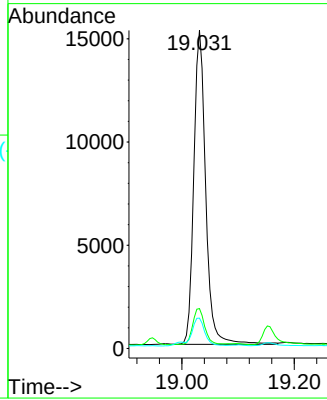
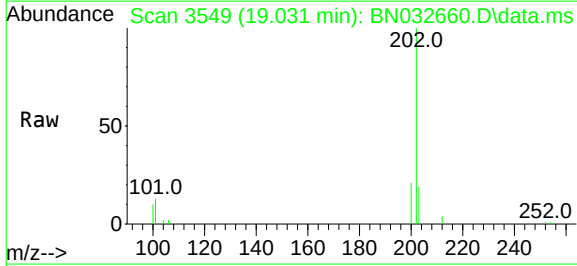
Instrument :

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ClientSampleId :

YDZF8MS

Tgt Ion:	202	Resp:	22362
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.8	14.8
100	9.5	7.9	11.9



#20

Pyrene

Concen: 0.429 ng/u1

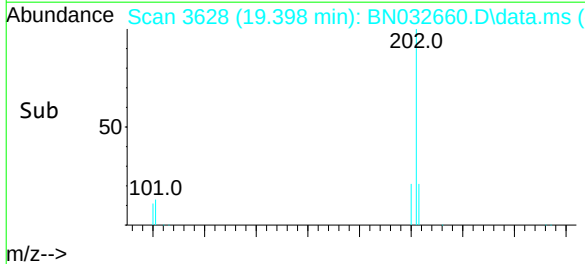
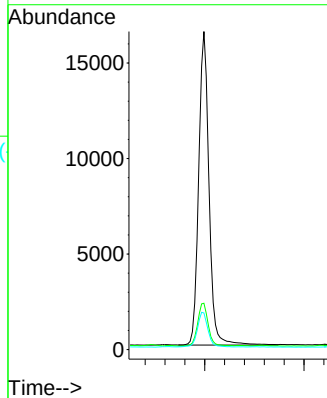
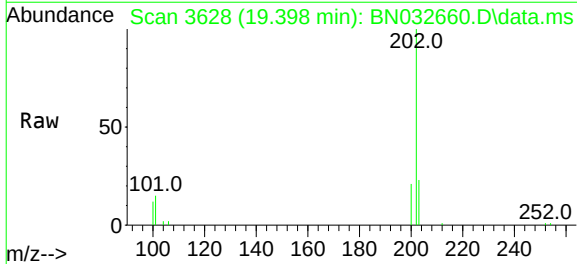
RT: 19.398 min Scan# 3628

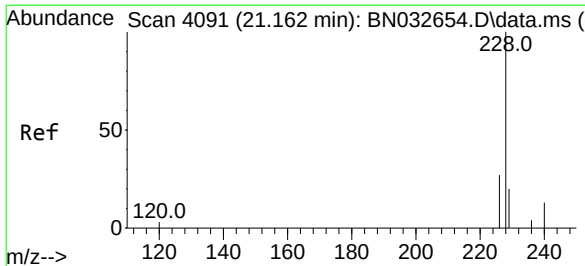
Delta R.T. -0.023 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

Tgt Ion:	202	Resp:	23675
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.8	17.6
100	11.5	9.6	14.4





#21

Benzo(a)anthracene

Concen: 0.500 ng/u1

RT: 21.156 min Scan# 40

Delta R.T. -0.026 min

Lab File: BN032660.D

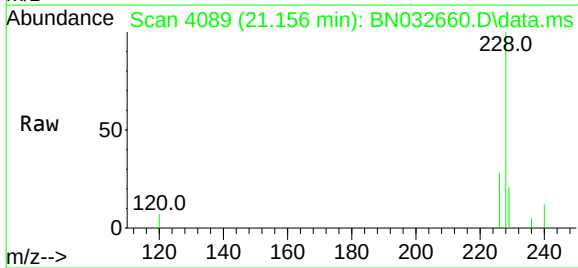
Acq: 12 Jul 2024 06:24

Instrument :

BNA_N

ClientSampleId :

YDZF8MS



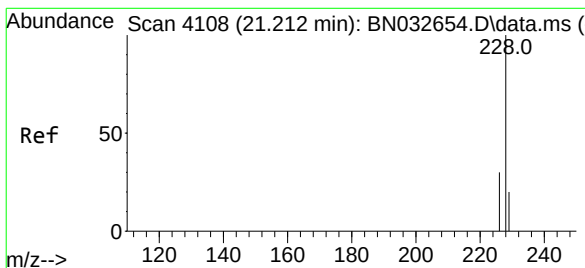
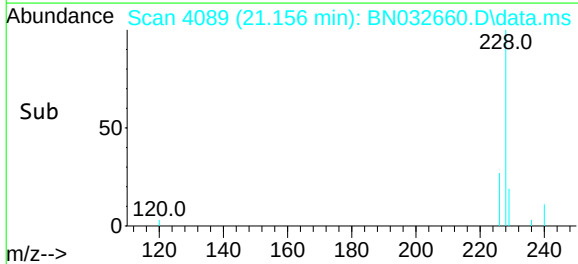
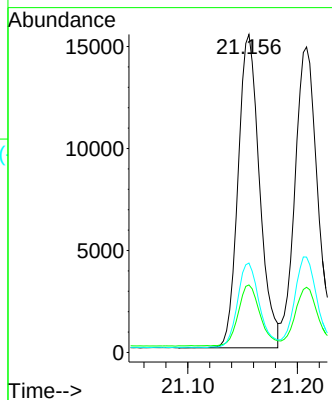
Tgt Ion:228 Resp: 20876

Ion Ratio Lower Upper

228 100

229 21.2 16.1 24.1

226 28.1 21.9 32.9



#22

Chrysene

Concen: 0.373 ng/u1

RT: 21.208 min Scan# 4107

Delta R.T. -0.023 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24

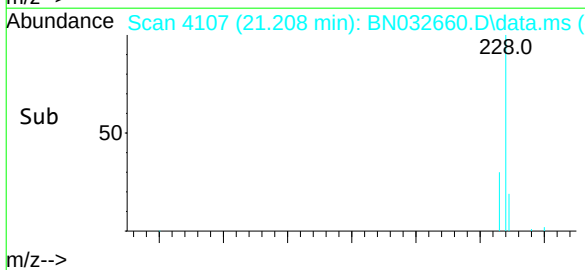
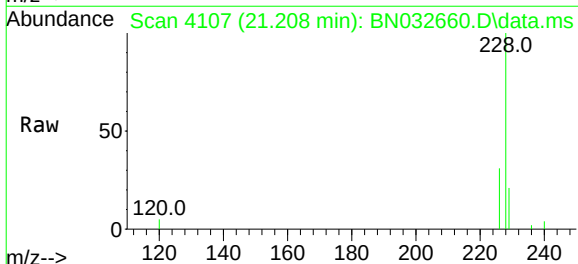
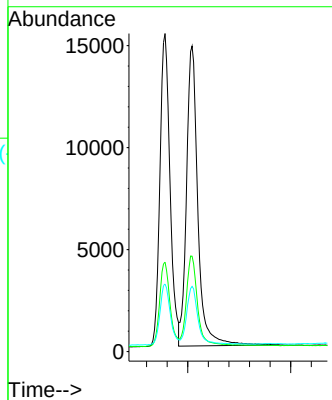
Tgt Ion:228 Resp: 22559

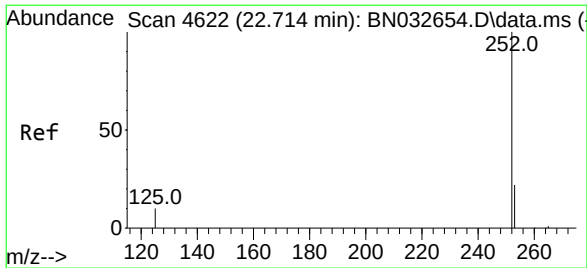
Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

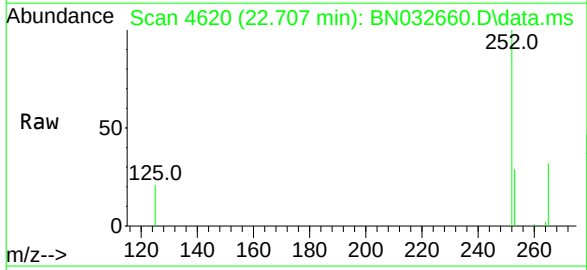
229 21.3 15.8 23.6



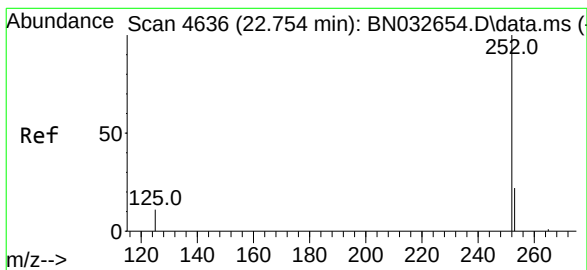
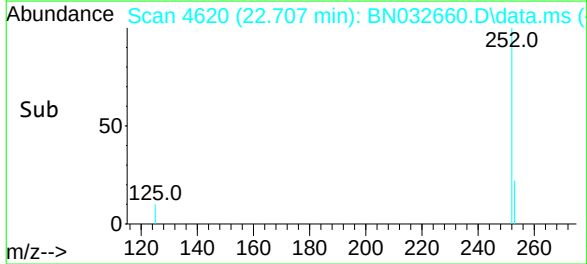
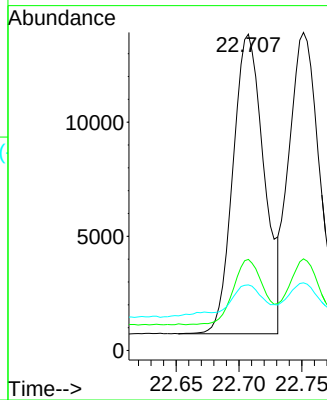


#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.707 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

Instrument :
BNA_N
ClientSampleId :
YDZF8MS

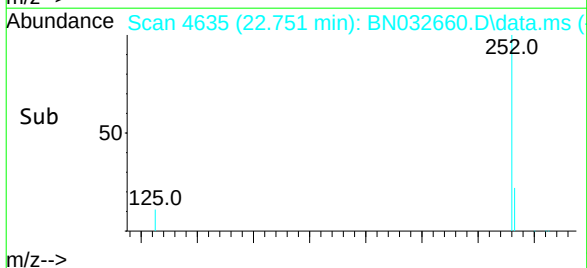
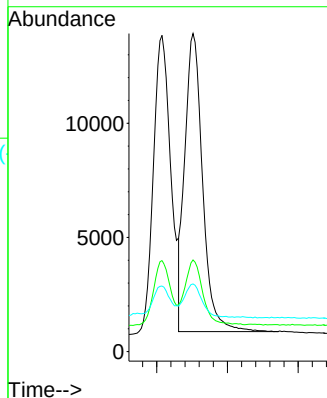
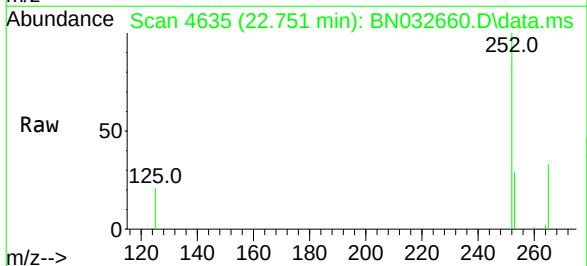


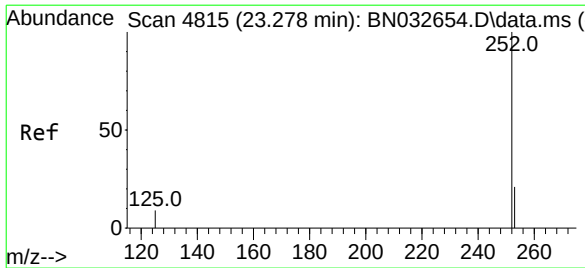
Tgt Ion:252 Resp: 22626
Ion Ratio Lower Upper
252 100
253 28.8 0.0 54.0
125 20.7 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

Tgt Ion:252 Resp: 22880
Ion Ratio Lower Upper
252 100
253 28.8 21.2 31.8
125 21.3 14.8 22.2

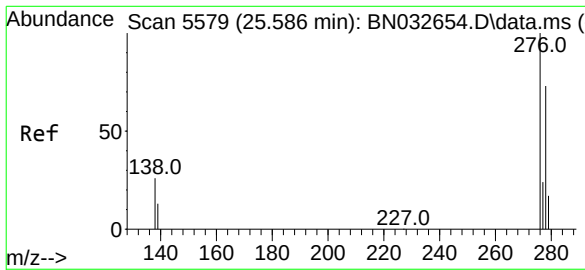
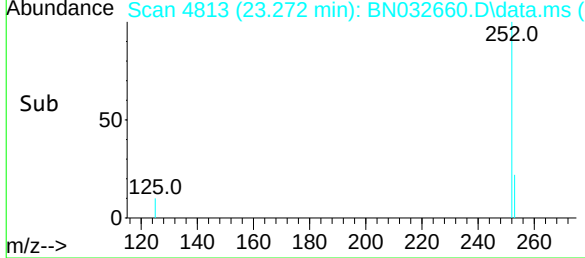
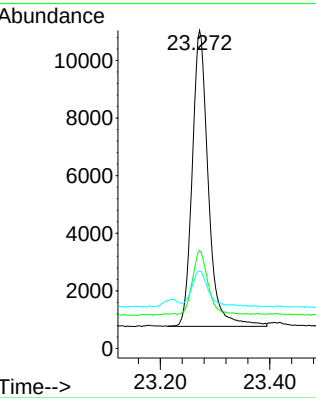
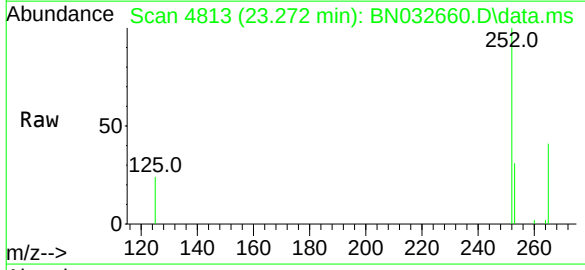




#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.272 min Scan# 4815
Delta R.T. -0.038 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

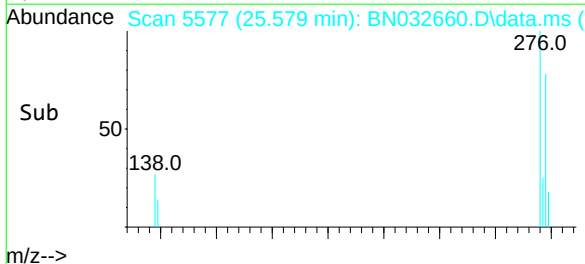
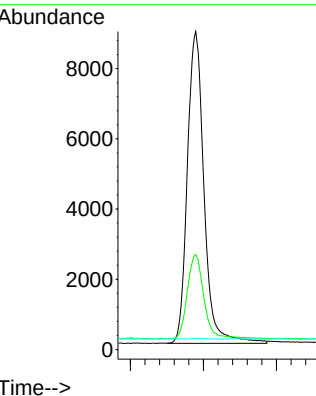
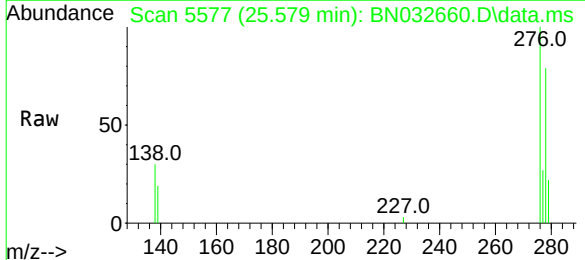
Instrument :
BNA_N
ClientSampleId :
YDZF8MS

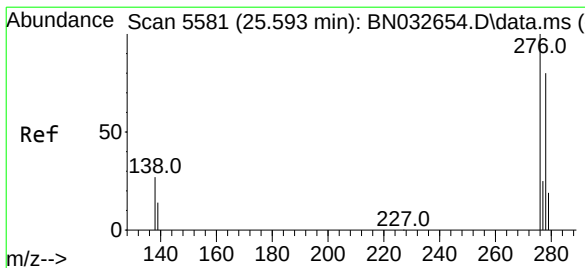
Tgt Ion:	252	Resp:	20913
Ion	Ratio	Lower	Upper
252	100		
253	30.8	25.4	38.0
125	24.4	20.6	30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032660.D
Acq: 12 Jul 2024 06:24

Tgt Ion:	276	Resp:	28126
Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.6	32.4
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.443 ng/ul

RT: 25.582 min Scan# 55

Delta R.T. -0.057 min

Lab File: BN032660.D

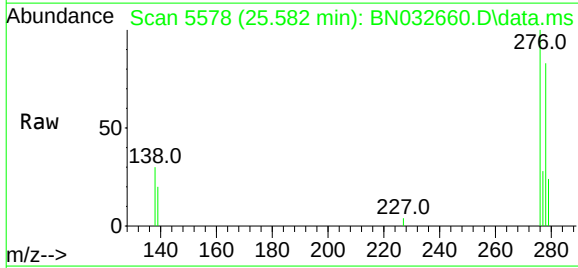
Acq: 12 Jul 2024 06:24

Instrument :

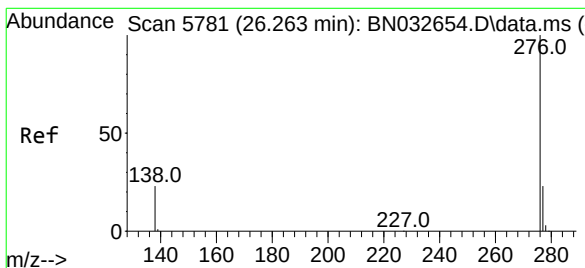
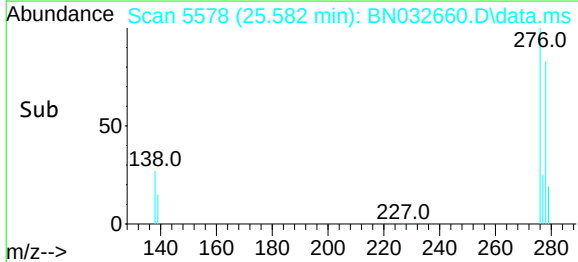
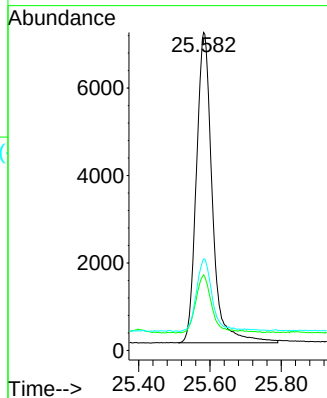
BNA_N

ClientSampleId :

YDZF8MS



Tgt Ion:	278	Resp:	21990
Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.6	24.8
279	28.8	23.7	35.5



#29

Benzo(g,h,i)perylene

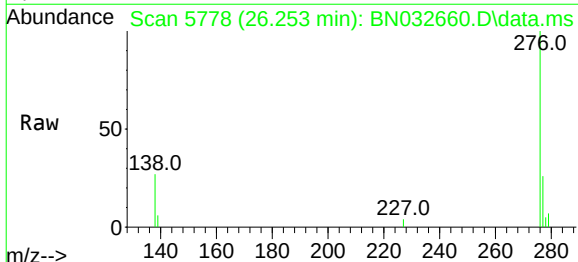
Concen: 0.413 ng/ul

RT: 26.253 min Scan# 5778

Delta R.T. -0.047 min

Lab File: BN032660.D

Acq: 12 Jul 2024 06:24



Tgt Ion:	276	Resp:	22127
Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.0	31.4
277	26.1	20.6	31.0

