

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032661.D
 Acq On : 12 Jul 2024 07:00
 Operator : MA/JU
 Sample : P3138-04MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZF8MSD

Quant Time: Jul 12 07:26:03 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)

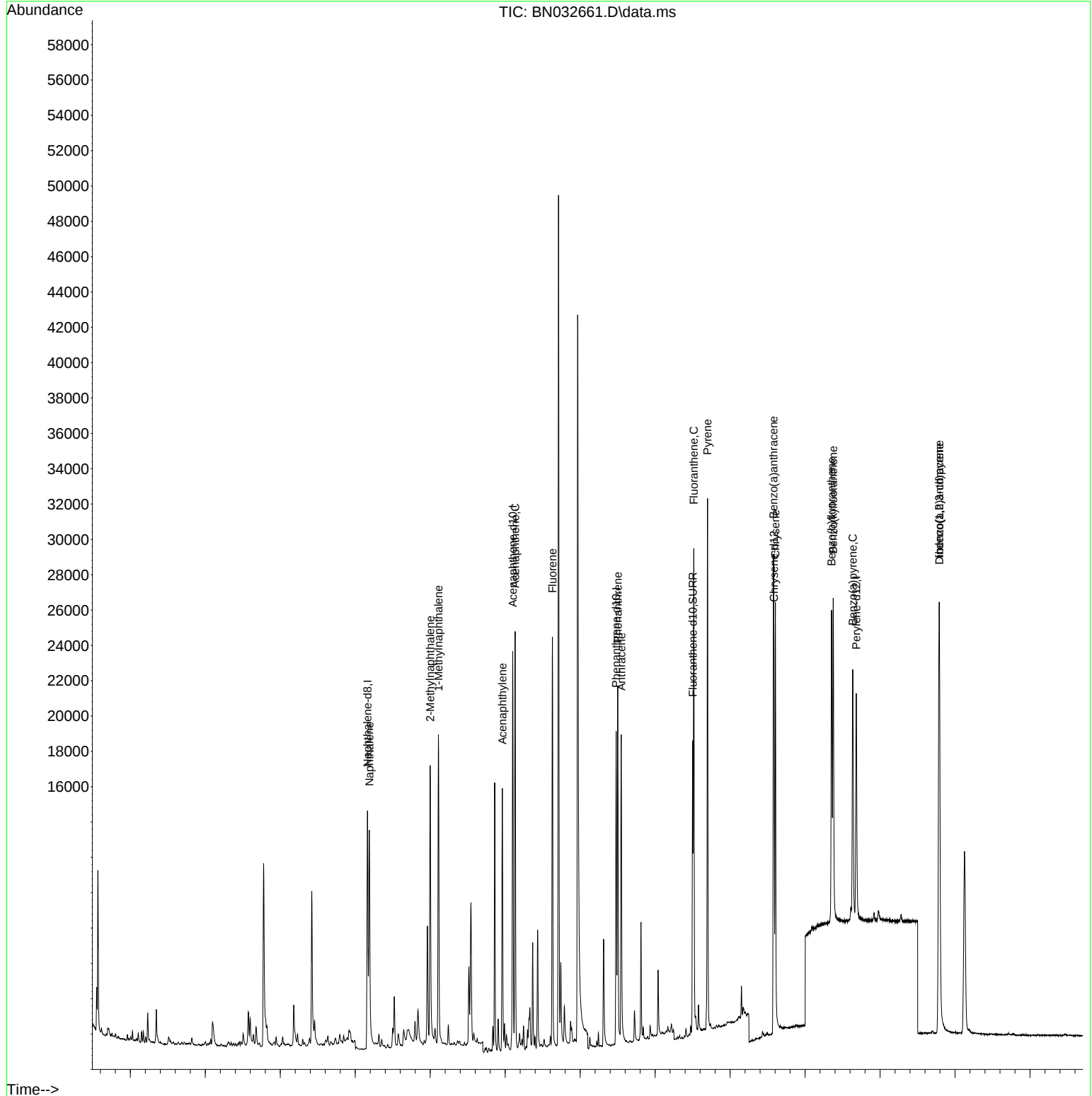
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6653	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	22109	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12889	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	21184	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	15088	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	17848	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1717	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	10989	0.329	ng/ul	-0.05
18) Fluoranthene-d10	19.003	212	19263	0.392	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	6191	0.680	ng/ul#	85
5) Naphthalene	10.376	128	20267	0.341	ng/ul	98
7) 2-Methylnaphthalene	11.999	142	13245	0.357	ng/ul	96
8) 1-Methylnaphthalene	12.219	142	13336	0.348	ng/ul	100
10) Acenaphthylene	13.925	152	18427	0.354	ng/ul	100
11) Acenaphthene	14.267	153	14334	0.333	ng/ul	98
12) Fluorene	15.262	166	15503	0.315	ng/ul	99
14) Pentachlorophenol	16.628	266	5321	1.432	ng/ul	99
15) Phenanthrene	17.003	178	22848	0.396	ng/ul	99
16) Anthracene	17.096	178	21432	0.455	ng/ul	99
19) Fluoranthene	19.031	202	24234	0.395	ng/ul	99
20) Pyrene	19.399	202	25380	0.400	ng/ul	99
21) Benzo(a)anthracene	21.156	228	21940	0.457	ng/ul	98
22) Chrysene	21.209	228	23412	0.337	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	23581	0.374	ng/ul	96
25) Benzo(k)fluoranthene	22.751	252	23859	0.311	ng/ul	97
26) Benzo(a)pyrene	23.272	252	21570	0.396	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.579	276	29216	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.582	278	23011	0.402	ng/ul	96
29) Benzo(g,h,i)perylene	26.253	276	23095	0.374	ng/ul	99

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

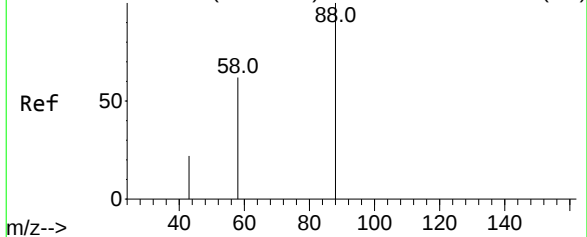
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Abundance Scan 37 (3.139 min): BN032654.D\data.ms (-30)



#2

1,4-Dioxane

Concen: 0.680 ng/ul

RT: 3.135 min Scan# 36

Delta R.T. -0.004 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

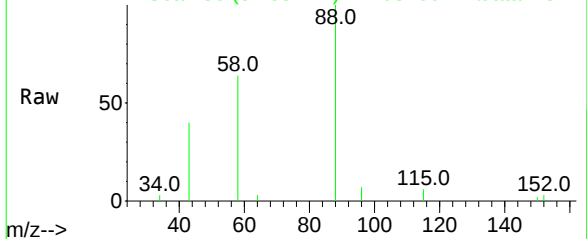
Instrument :

BNA_N

ClientSampleId :

YDZF8MSD

Abundance Scan 36 (3.135 min): BN032661.D\data.ms



Tgt Ion: 88 Resp: 6191

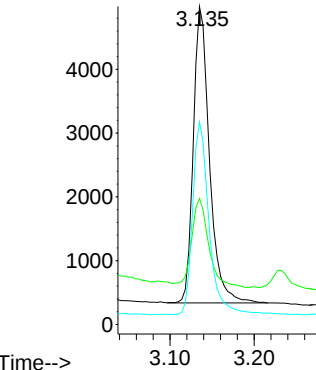
Ion Ratio Lower Upper

88 100

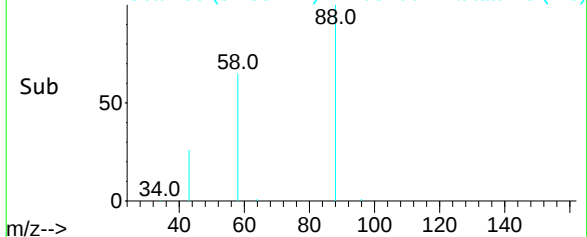
43 39.7 24.0 36.0#

58 63.7 43.3 64.9

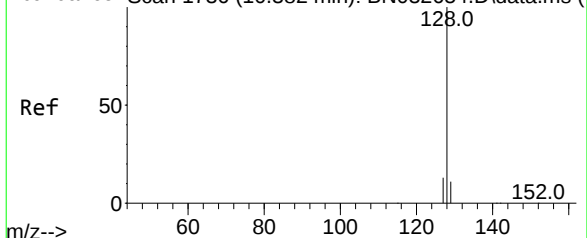
Abundance



Abundance Scan 36 (3.135 min): BN032661.D\data.ms (-13)



Abundance Scan 1736 (10.382 min): BN032654.D\data.ms (-30)



#5

Naphthalene

Concen: 0.341 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion: 128 Resp: 20267

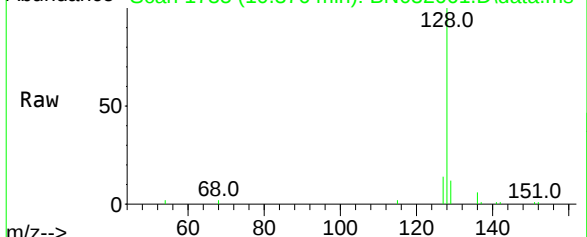
Ion Ratio Lower Upper

128 100

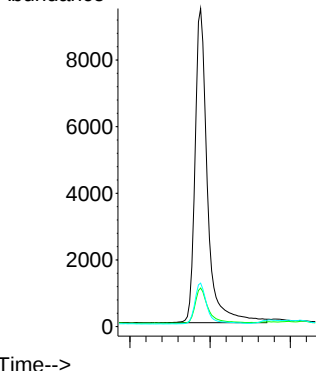
129 12.1 10.0 15.0

127 13.7 11.6 17.4

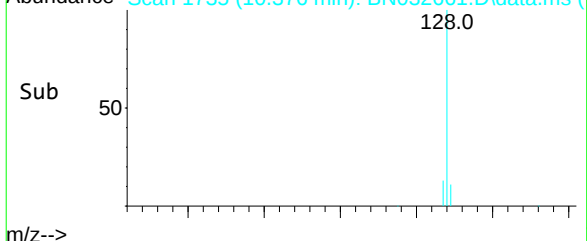
Abundance Scan 1735 (10.376 min): BN032661.D\data.ms

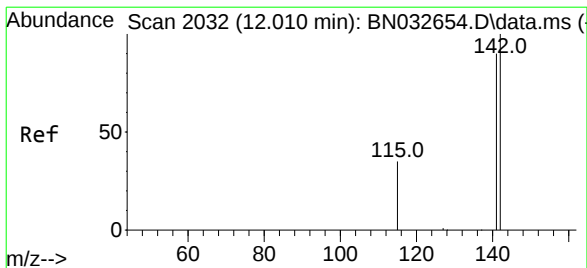


Abundance



Abundance Scan 1735 (10.376 min): BN032661.D\data.ms (-13)





#7

2-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 11.999 min Scan# 20

Delta R.T. -0.050 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Instrument :

BNA_N

ClientSampleId :

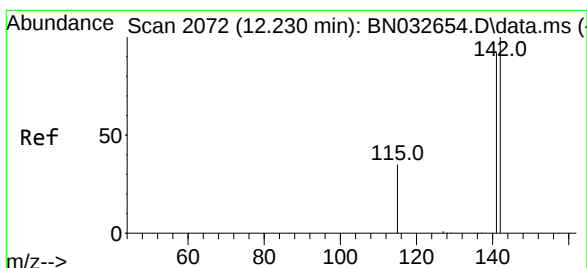
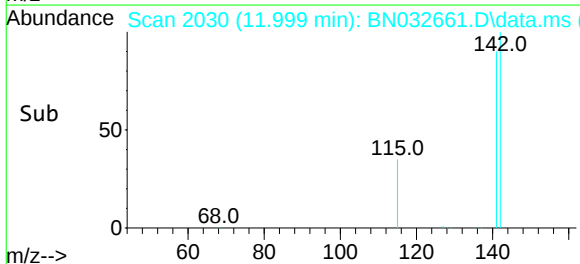
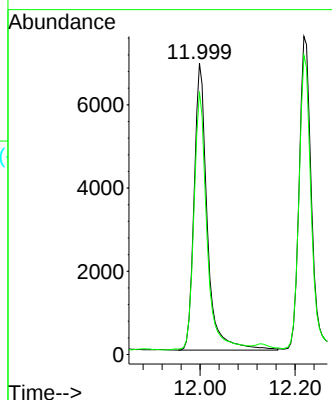
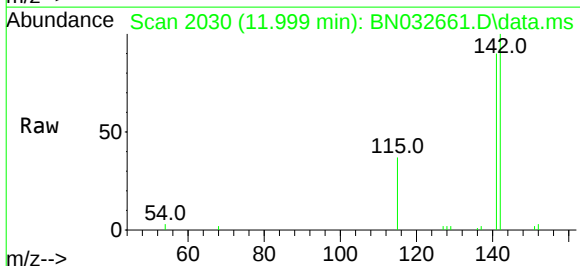
YDZF8MSD

Tgt Ion:142 Resp: 13245

Ion Ratio Lower Upper

142 100

141 89.0 74.0 111.0



#8

1-Methylnaphthalene

Concen: 0.348 ng/ul

RT: 12.219 min Scan# 2070

Delta R.T. -0.027 min

Lab File: BN032661.D

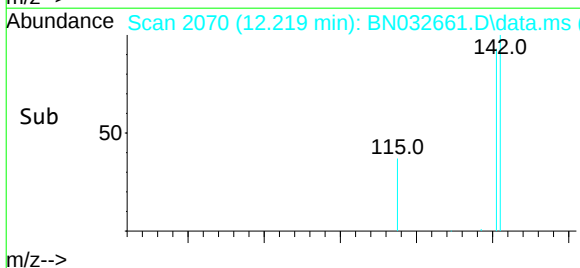
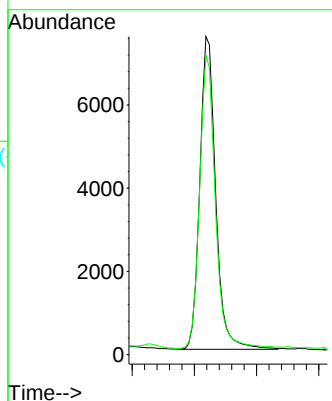
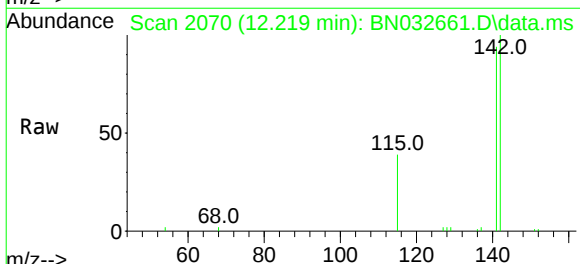
Acq: 12 Jul 2024 07:00

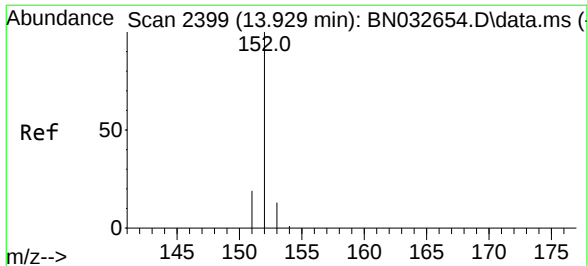
Tgt Ion:142 Resp: 13336

Ion Ratio Lower Upper

142 100

141 93.8 75.0 112.4





#10

Acenaphthylene

Concen: 0.354 ng/ul

RT: 13.925 min Scan# 2399

Delta R.T. -0.019 min

Lab File: BN032661.D

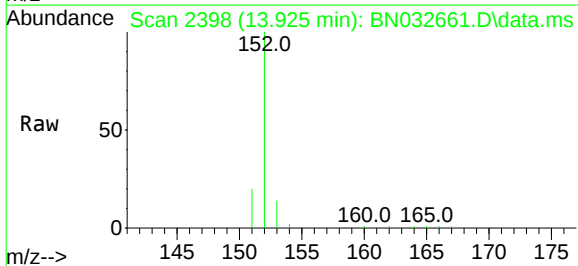
Acq: 12 Jul 2024 07:00

Instrument :

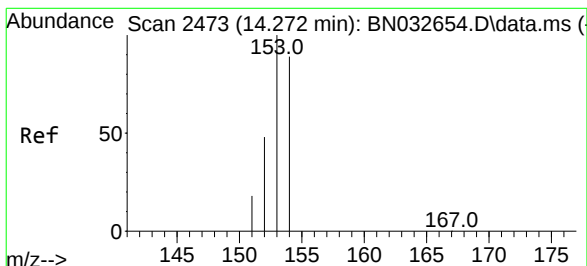
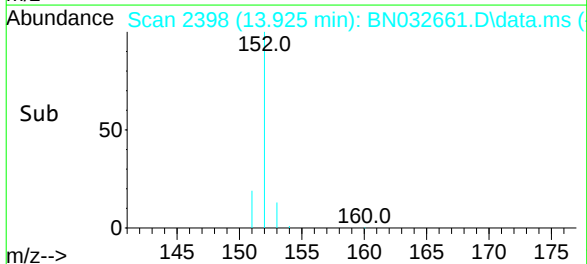
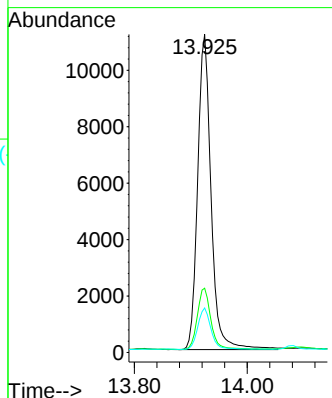
BNA_N

ClientSampleId :

YDZF8MSD



Tgt Ion:	152	Resp:	18427
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	14.0	11.3	16.9



#11

Acenaphthene

Concen: 0.333 ng/ul

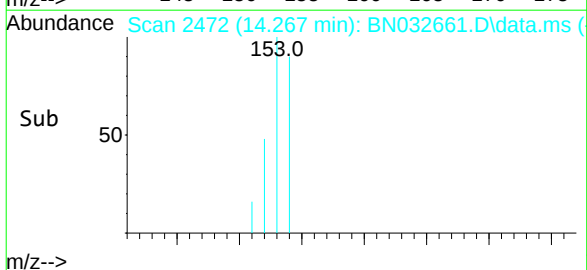
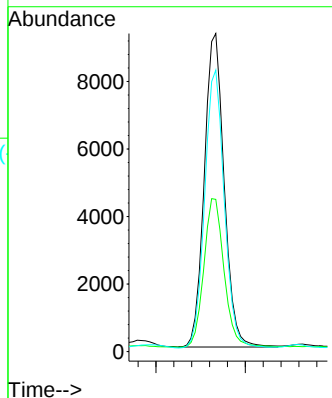
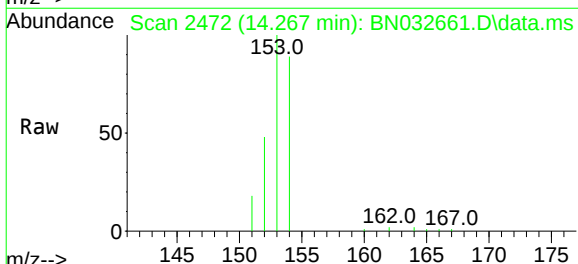
RT: 14.267 min Scan# 2472

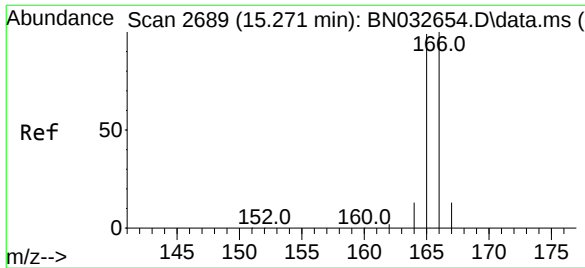
Delta R.T. -0.014 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion:	153	Resp:	14334
Ion Ratio	Lower	Upper	
153	100		
152	47.9	40.0	60.0
154	88.5	70.2	105.4





#12

Fluorene

Concen: 0.315 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Instrument :

BNA_N

ClientSampleId :

YDZF8MSD

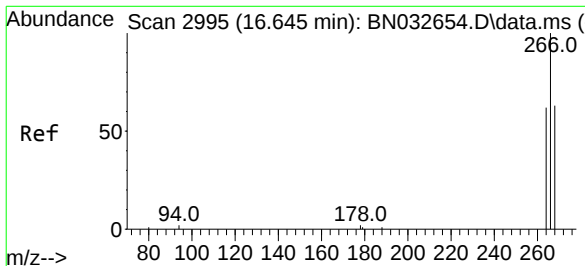
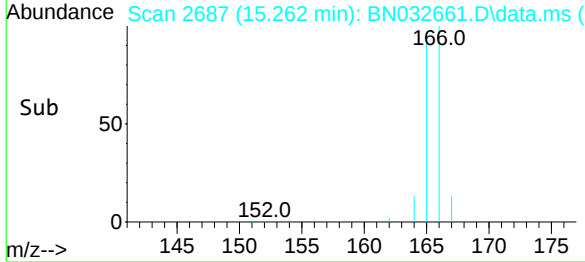
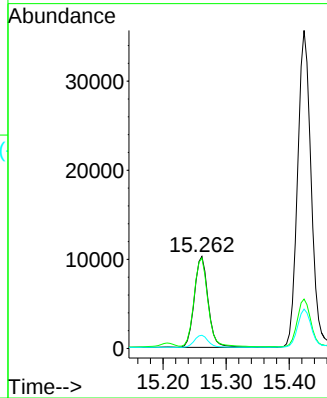
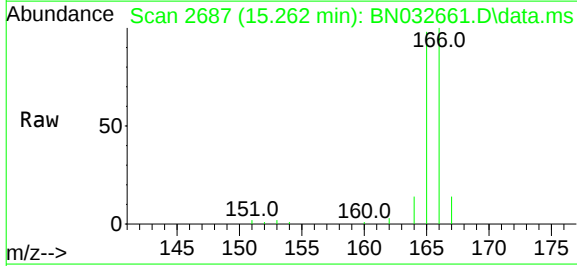
Tgt Ion:166 Resp: 15503

Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

167 14.4 11.4 17.2



#14

Pentachlorophenol

Concen: 1.432 ng/ul

RT: 16.628 min Scan# 2991

Delta R.T. -0.042 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

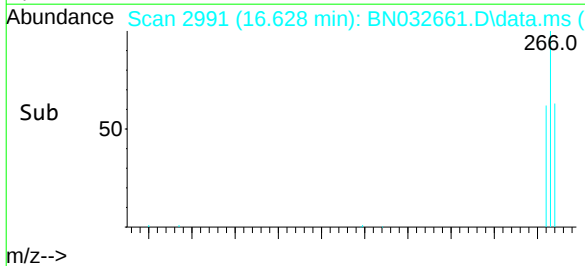
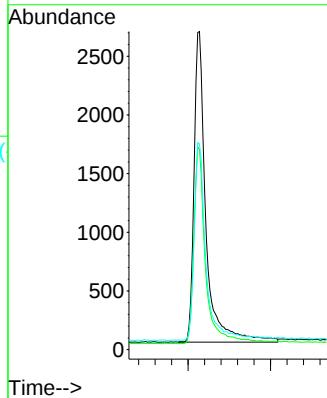
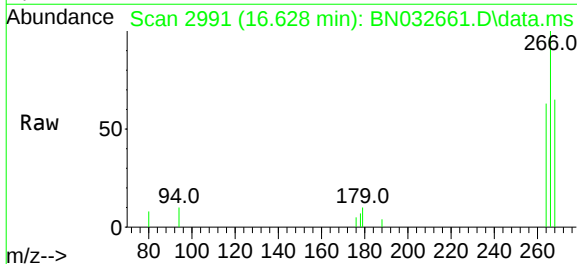
Tgt Ion:266 Resp: 5321

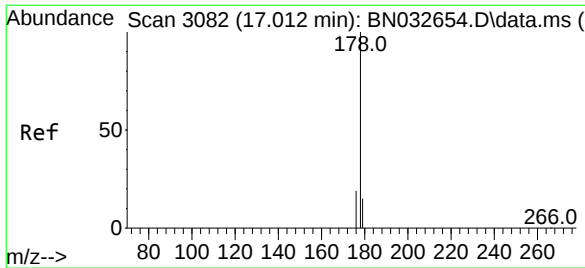
Ion Ratio Lower Upper

266 100

264 63.2 49.4 74.2

268 64.1 51.6 77.4





#15

Phenanthrene

Concen: 0.396 ng/u1

RT: 17.003 min Scan# 3080

Delta R.T. -0.025 min

Lab File: BN032661.D

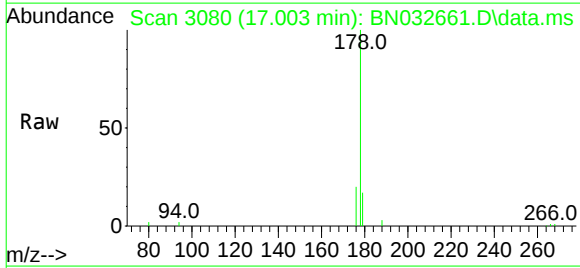
Acq: 12 Jul 2024 07:00

Instrument :

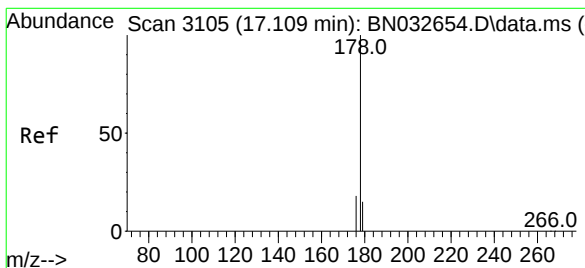
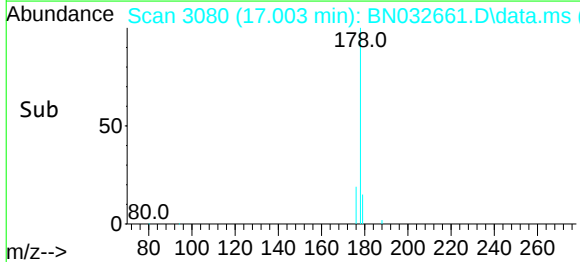
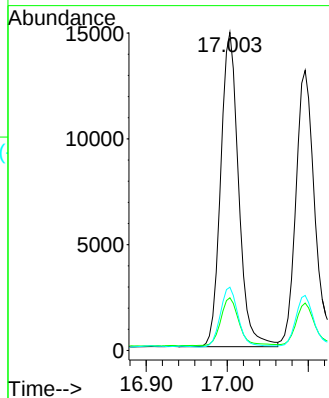
BNA_N

ClientSampleId :

YDZF8MSD



Tgt Ion:	178	Resp:	22848
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.9	15.6	23.4



#16

Anthracene

Concen: 0.455 ng/u1

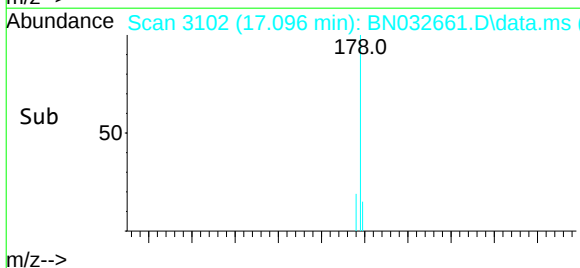
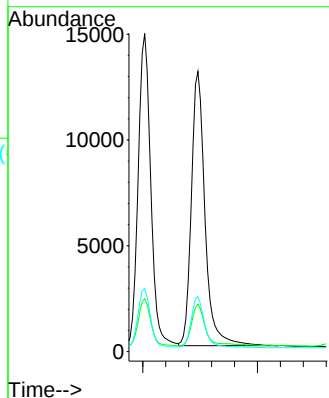
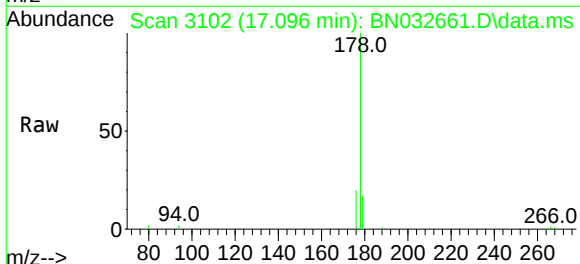
RT: 17.096 min Scan# 3102

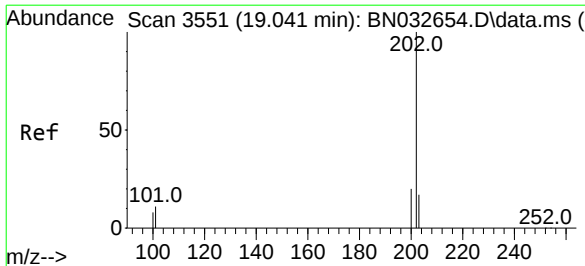
Delta R.T. -0.042 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion:	178	Resp:	21432
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	19.6	15.4	23.0





#19

Fluoranthene

Concen: 0.395 ng/u1

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032661.D

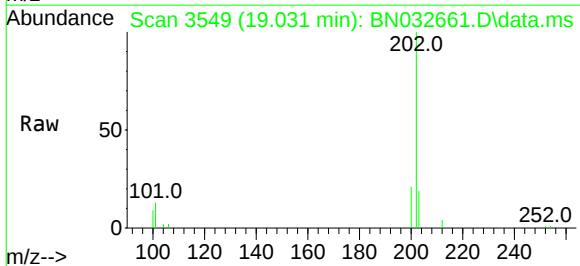
Acq: 12 Jul 2024 07:00

Instrument :

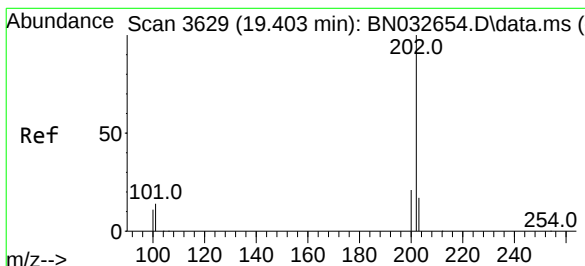
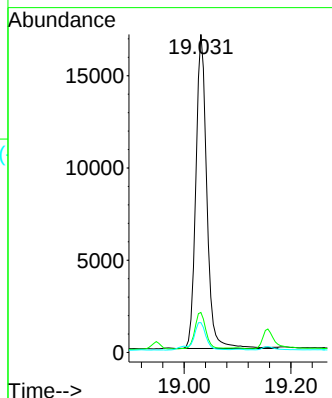
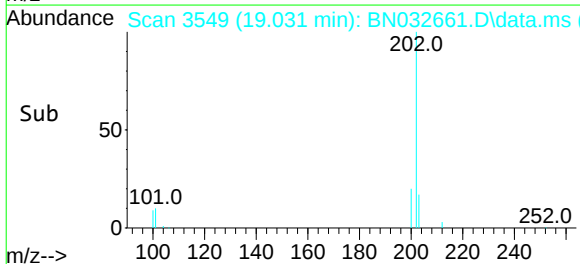
BNA_N

ClientSampleId :

YDZF8MSD



Tgt Ion:	202	Resp:	24234
Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	9.4	7.9	11.9



#20

Pyrene

Concen: 0.400 ng/u1

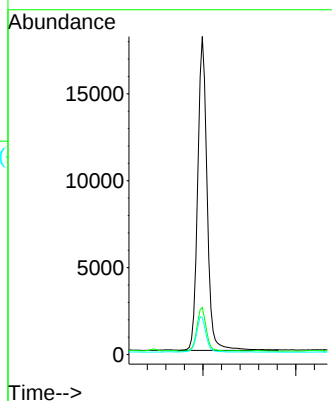
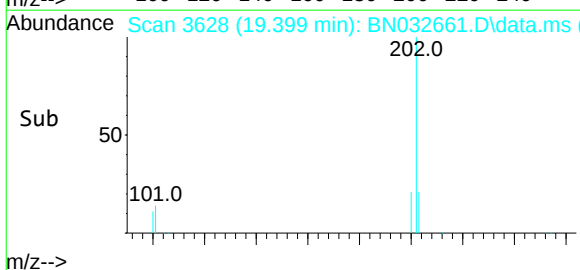
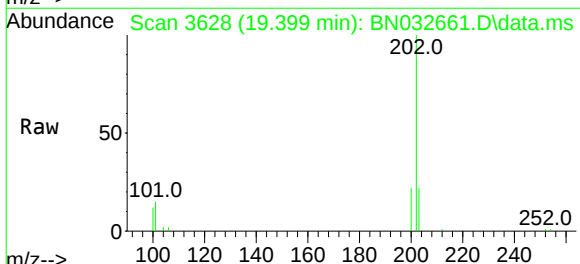
RT: 19.399 min Scan# 3628

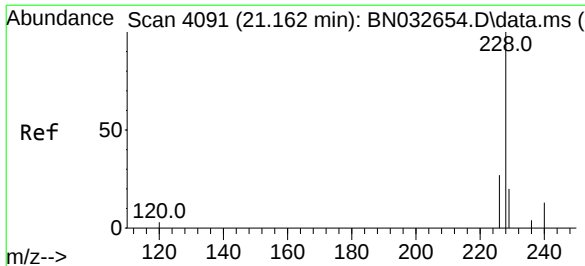
Delta R.T. -0.023 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion:	202	Resp:	25380
Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.6
100	11.6	9.6	14.4

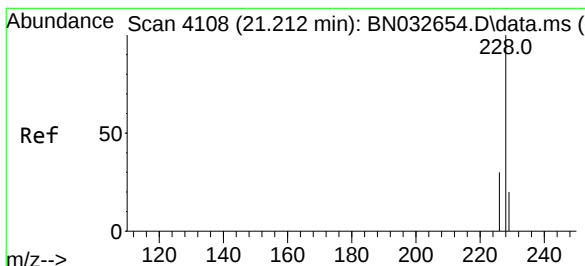
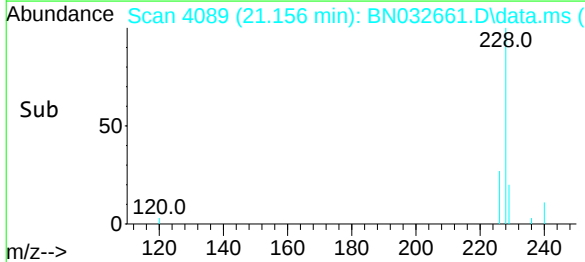
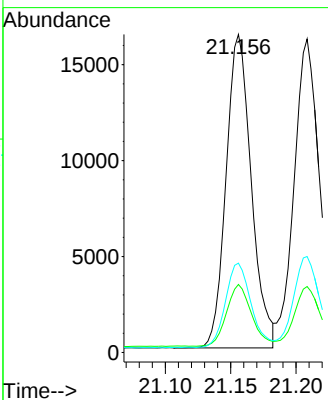
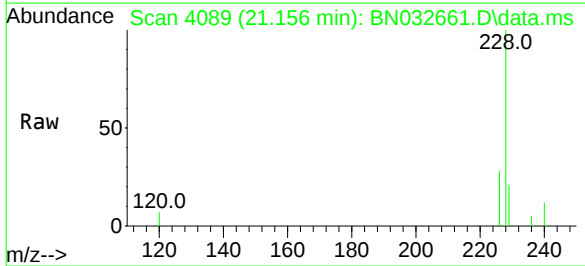




#21
Benzo(a)anthracene
Concen: 0.457 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032661.D
Acq: 12 Jul 2024 07:00

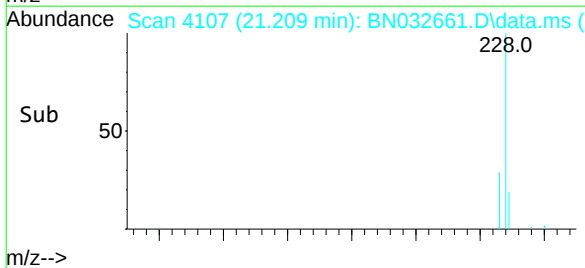
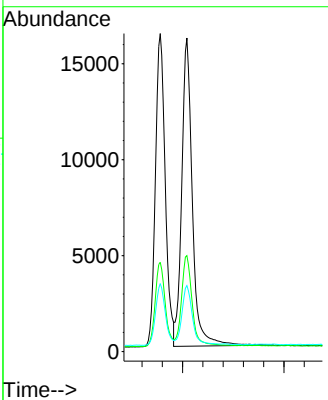
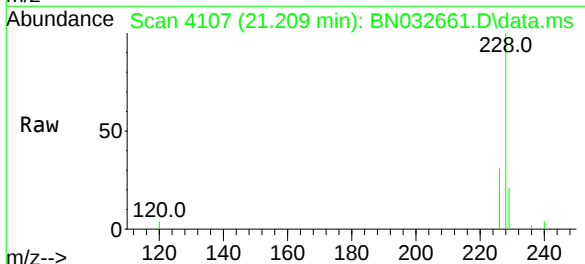
Instrument :
BNA_N
ClientSampleId :
YDZF8MSD

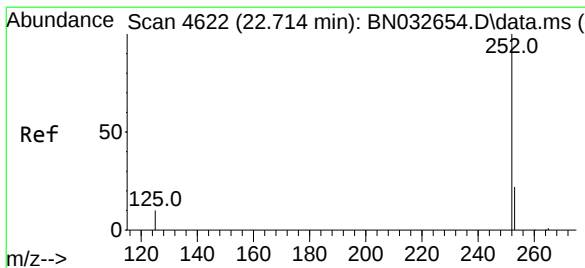
Tgt Ion:	228	Resp:	21940
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.1	24.1
226	28.1	21.9	32.9



#22
Chrysene
Concen: 0.337 ng/u1
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032661.D
Acq: 12 Jul 2024 07:00

Tgt Ion:	228	Resp:	23412
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	21.0	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 0.374 ng/u1

RT: 22.708 min Scan# 46

Delta R.T. -0.026 min

Lab File: BN032661.D

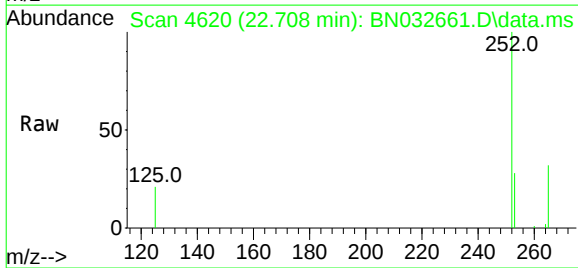
Acq: 12 Jul 2024 07:00

Instrument :

BNA_N

ClientSampleId :

YDZF8MSD



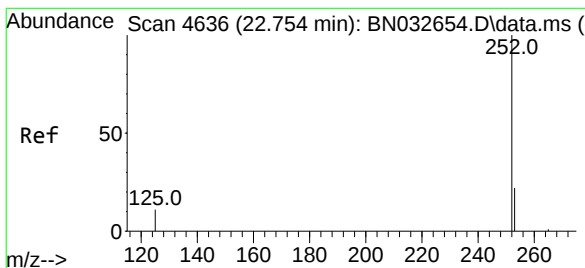
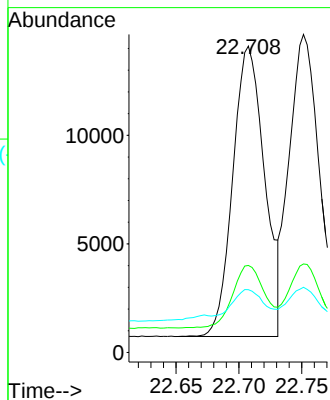
Tgt Ion:252 Resp: 23581

Ion Ratio Lower Upper

252 100

253 28.4 0.0 54.0

125 20.5 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 0.311 ng/u1

RT: 22.751 min Scan# 4635

Delta R.T. -0.026 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

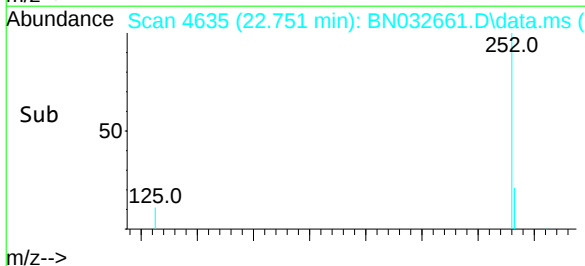
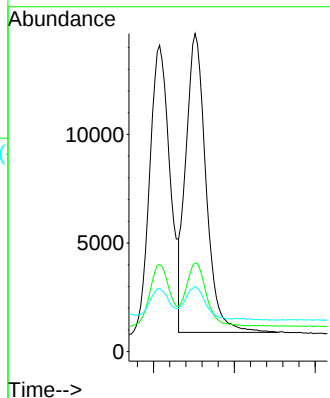
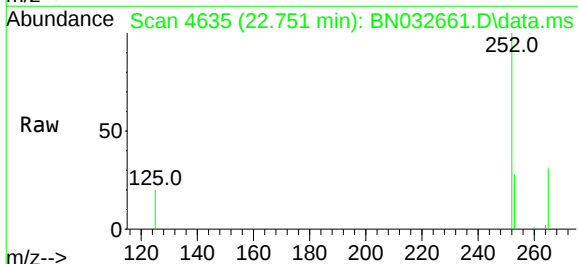
Tgt Ion:252 Resp: 23859

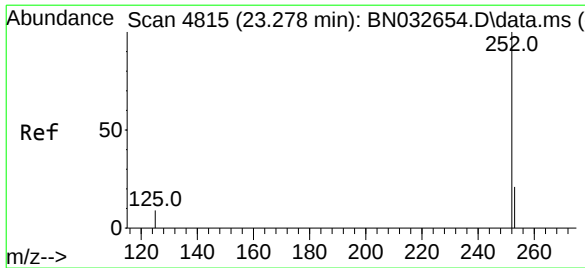
Ion Ratio Lower Upper

252 100

253 27.8 21.2 31.8

125 20.5 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.272 min Scan# 4815

Delta R.T. -0.038 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

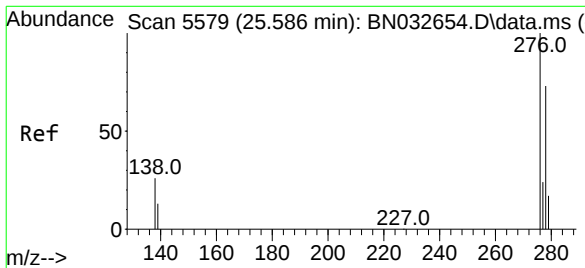
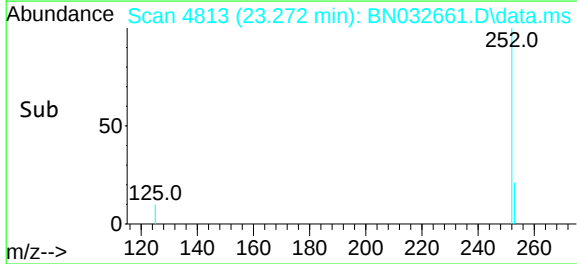
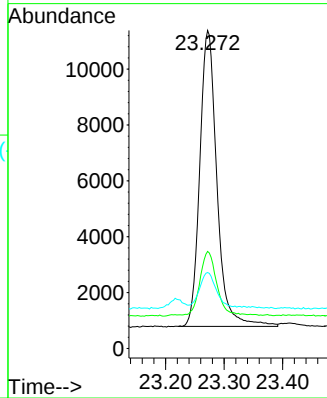
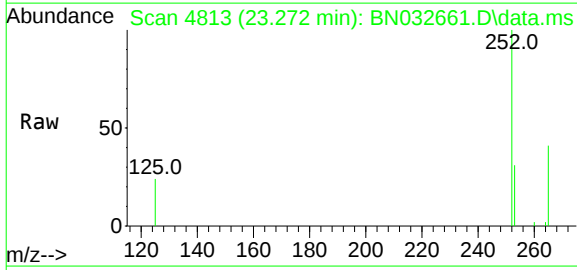
Instrument :

BNA_N

ClientSampleId :

YDZF8MSD

Tgt Ion:	252	Resp:	21570
Ion Ratio	Lower	Upper	
252	100		
253	30.5	25.4	38.0
125	23.9	20.6	30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

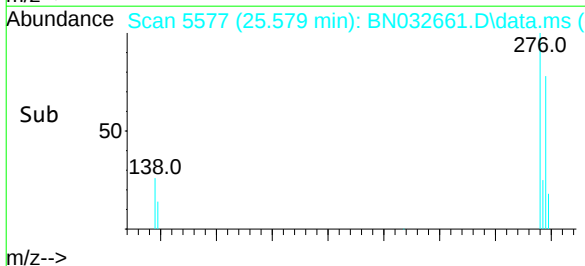
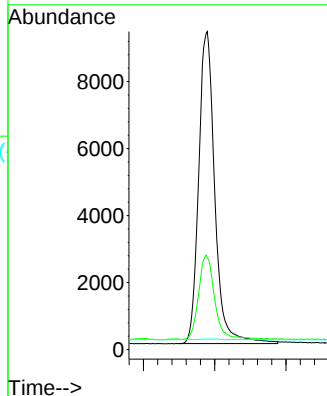
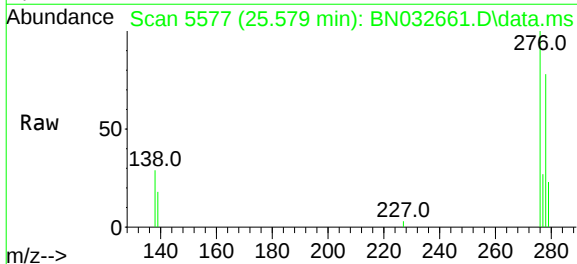
RT: 25.579 min Scan# 5577

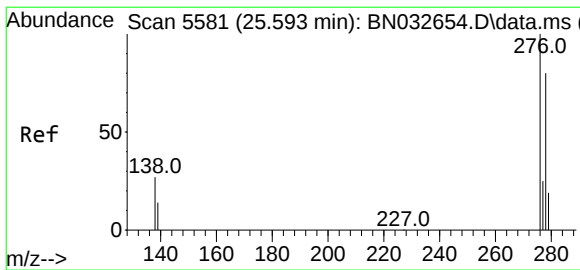
Delta R.T. -0.047 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion:	276	Resp:	29216
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.6	32.4
227	0.2	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 25.582 min Scan# 55

Delta R.T. -0.057 min

Lab File: BN032661.D

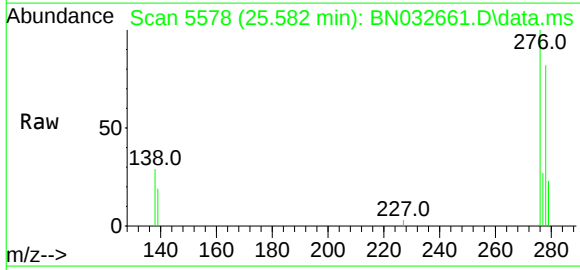
Acq: 12 Jul 2024 07:00

Instrument :

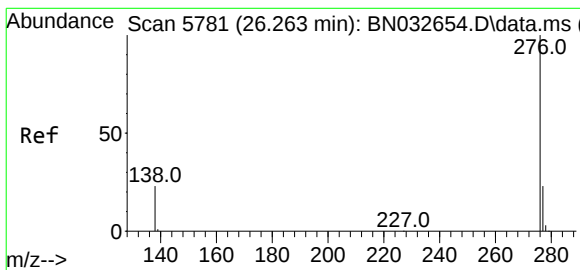
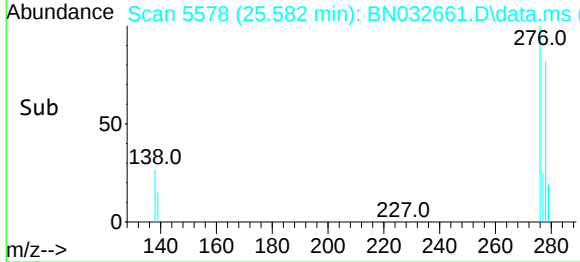
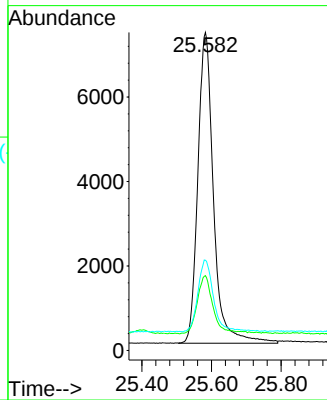
BNA_N

ClientSampleId :

YDZF8MSD



Tgt Ion:	278	Resp:	23011
Ion Ratio	Lower	Upper	
278	100		
139	23.5	16.6	24.8
279	28.4	23.7	35.5



#29

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 26.253 min Scan# 5778

Delta R.T. -0.047 min

Lab File: BN032661.D

Acq: 12 Jul 2024 07:00

Tgt Ion:	276	Resp:	23095
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.0	31.4
277	26.3	20.6	31.0

