

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032320.D
 Acq On : 28 Jun 2024 18:51
 Operator : MA/JU
 Sample : P2898-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1GB1MSD

Quant Time: Jun 28 23:06:12 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)

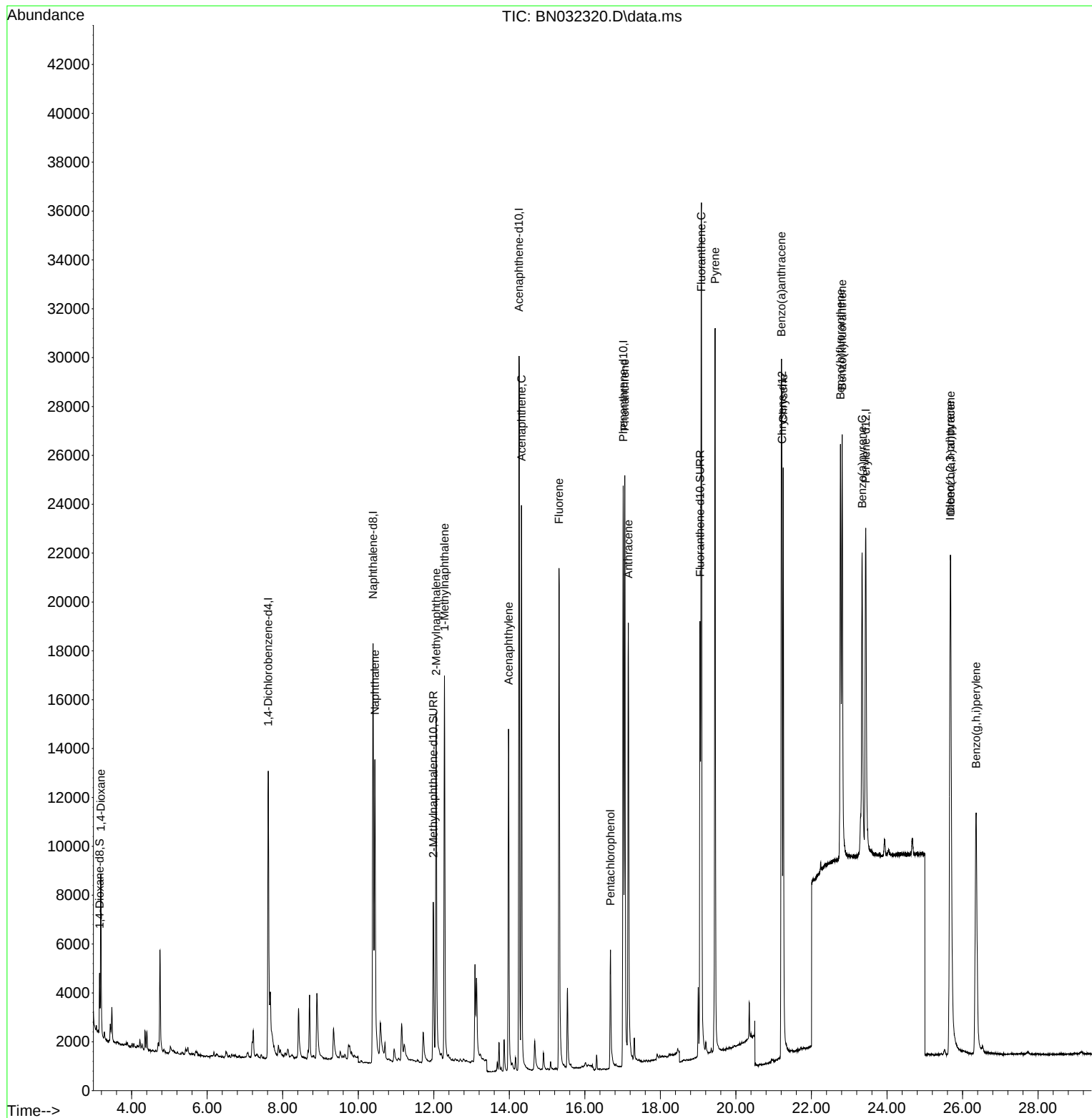
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	28424	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	17259	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	33203	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	19362	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	20847	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	1834	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	10404	0.244	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	22508	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.186	88	4990	0.484	ng/ul	97
5) Naphthalene	10.442	128	19308	0.257	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	12665	0.254	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	12353	0.239	ng/ul	99
10) Acenaphthylene	13.980	152	18320	0.255	ng/ul	99
11) Acenaphthene	14.322	153	14243	0.256	ng/ul	99
12) Fluorene	15.317	166	16219	0.244	ng/ul	100
14) Pentachlorophenol	16.678	266	4575	0.609	ng/ul	99
15) Phenanthrene	17.058	178	27628	0.304	ng/ul	100
16) Anthracene	17.151	178	24003	0.296	ng/ul	99
19) Fluoranthene	19.083	202	28915	0.392	ng/ul#	78
20) Pyrene	19.450	202	28041	0.364	ng/ul	98
21) Benzo(a)anthracene	21.203	228	22234	0.318	ng/ul	99
22) Chrysene	21.252	228	23088	0.301	ng/ul	98
24) Benzo(b)fluoranthene	22.769	252	22731	0.251	ng/ul	90
25) Benzo(k)fluoranthene	22.813	252	23717	0.270	ng/ul#	92
26) Benzo(a)pyrene	23.342	252	20712	0.329	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.676	276	28690	0.291	ng/ul	98
28) Dibenzo(a,h)anthracene	25.686	278	22843	0.312	ng/ul	96
29) Benzo(g,h,i)perylene	26.361	276	23652	0.301	ng/ul	97

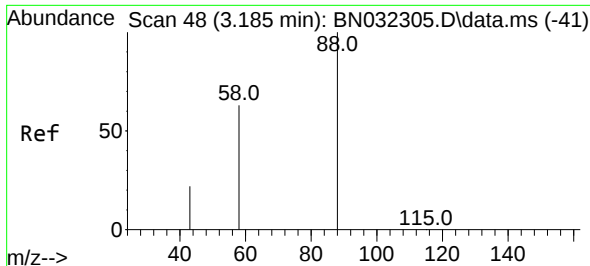
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032320.D
Acq On : 28 Jun 2024 18:51
Operator : MA/JU
Sample : P2898-10MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

Quant Time: Jun 28 23:06:12 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

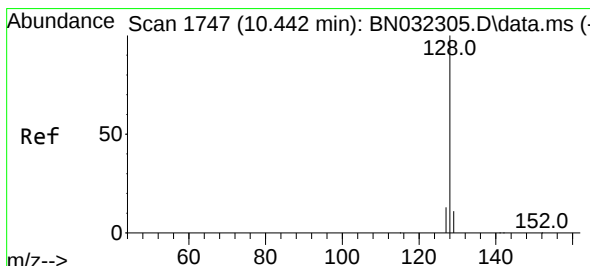
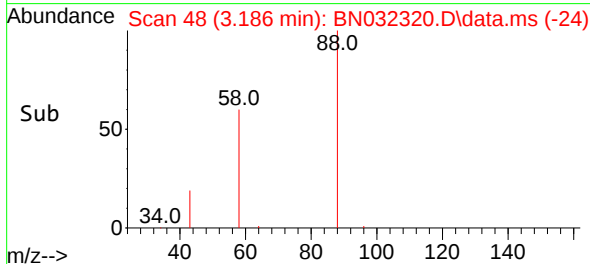
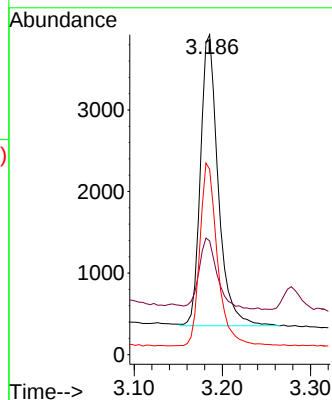
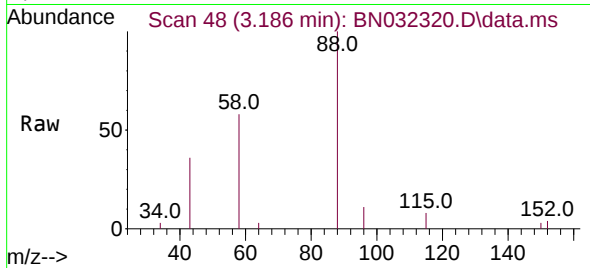




#2
1,4-Dioxane
Concen: 0.484 ng/ul
RT: 3.186 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

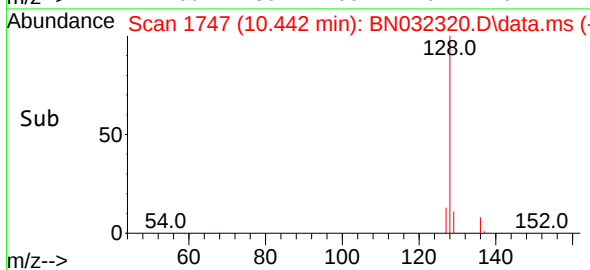
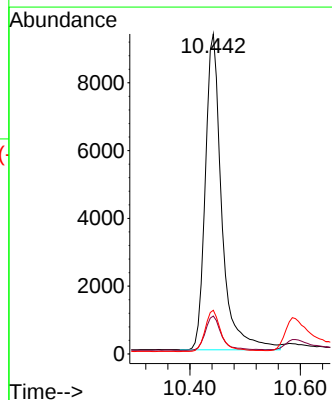
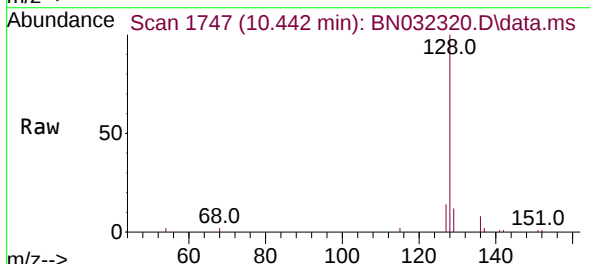
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

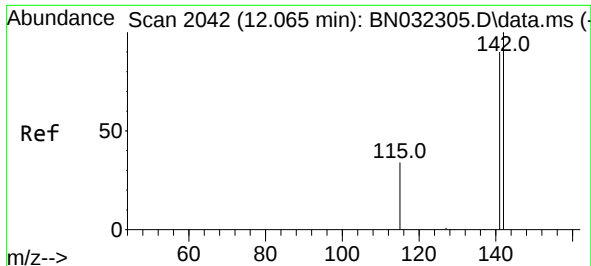
Tgt Ion: 88 Resp: 4990
Ion Ratio Lower Upper
88 100
43 35.6 28.4 42.6
58 58.0 43.3 64.9



#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion: 128 Resp: 19308
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.8 16.2

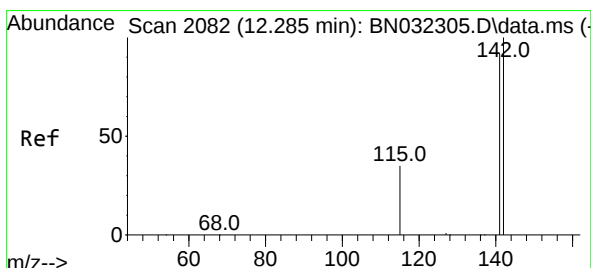
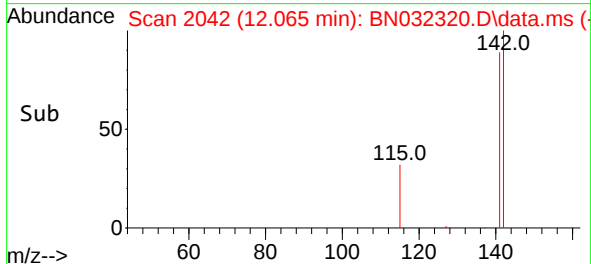
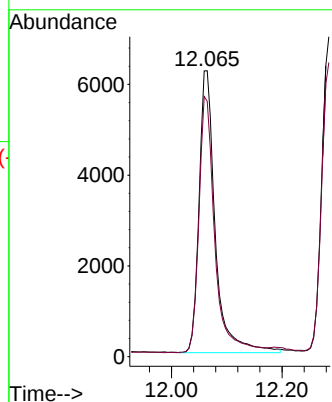
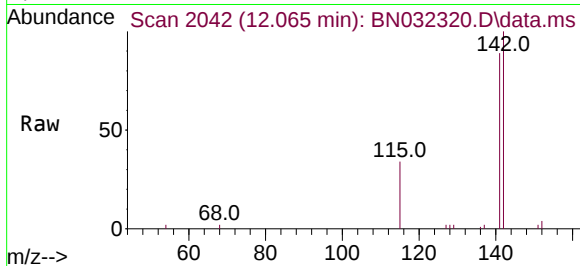




#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

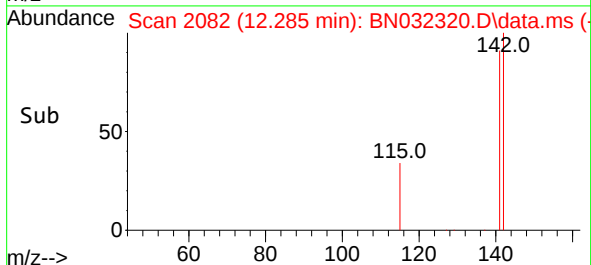
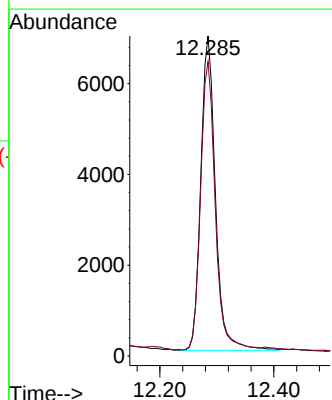
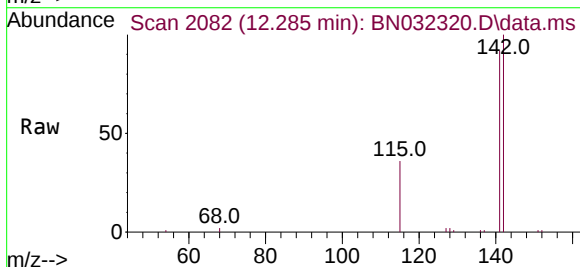
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

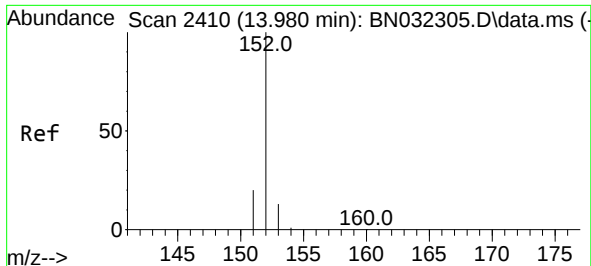
Tgt Ion:142 Resp: 12665
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:142 Resp: 12353
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0

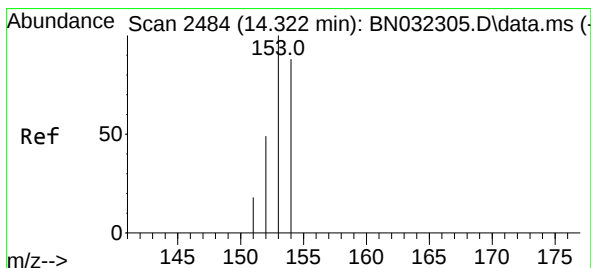
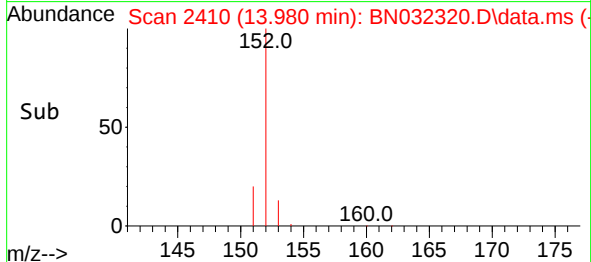
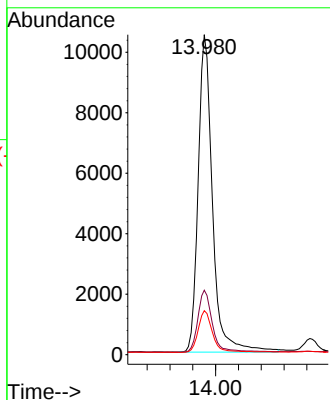
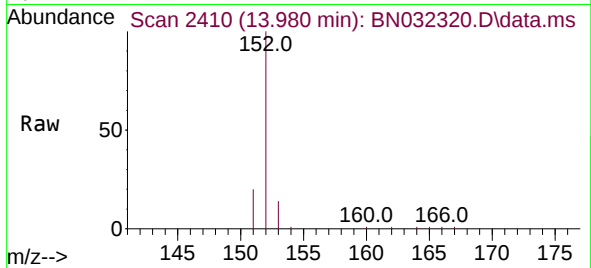




#10
Acenaphthylene
Concen: 0.255 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

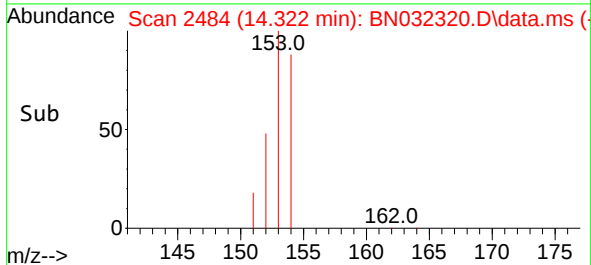
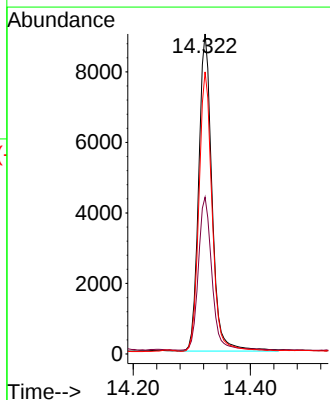
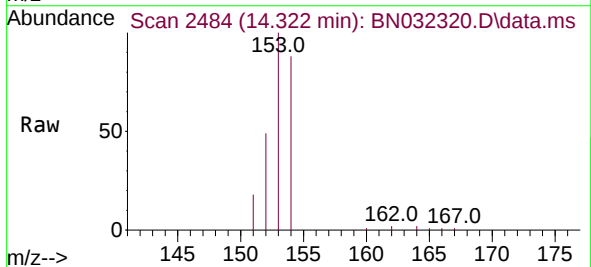
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

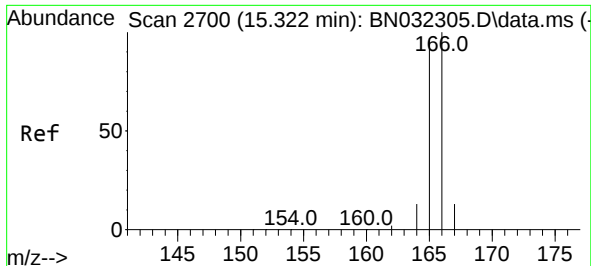
Tgt Ion:152 Resp: 18320
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.256 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:153 Resp: 14243
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.2 71.7 107.5

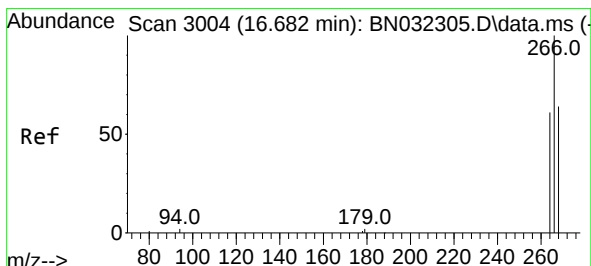
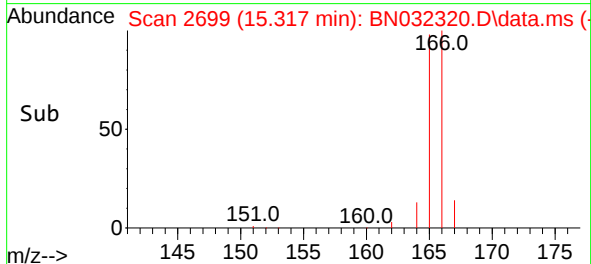
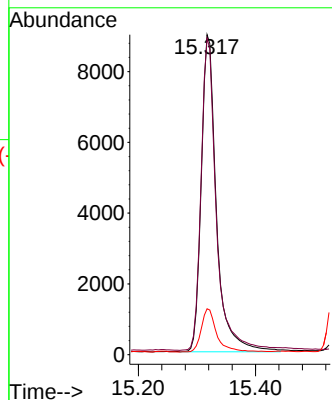
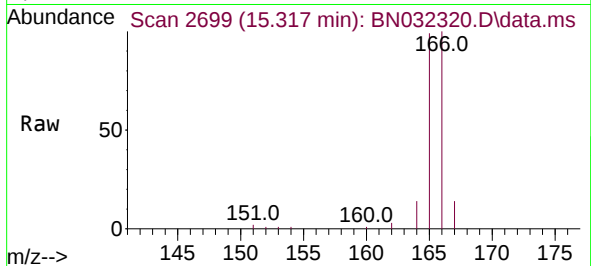




#12
Fluorene
Concen: 0.244 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

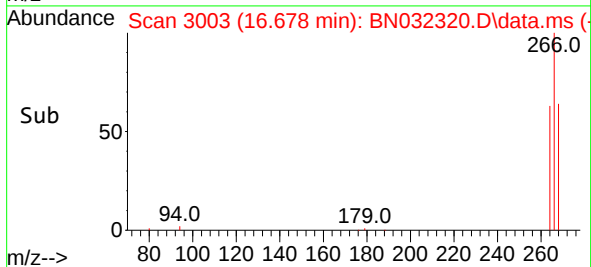
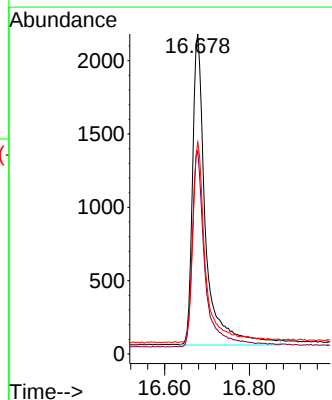
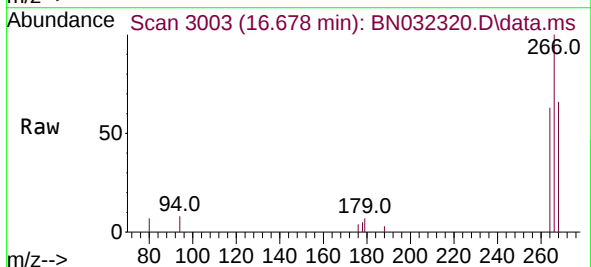
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

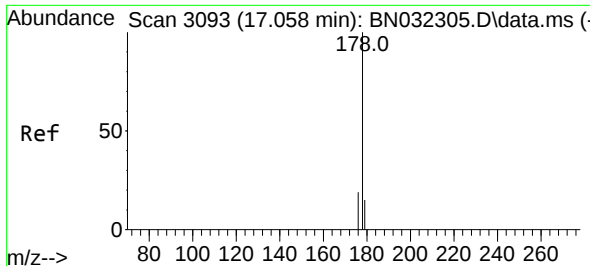
Tgt Ion:166 Resp: 16219
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 14.4 11.0 16.6



#14
Pentachlorophenol
Concen: 0.609 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. -0.021 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:266 Resp: 4575
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 63.6 52.4 78.6

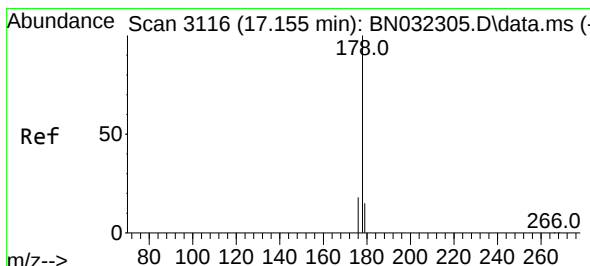
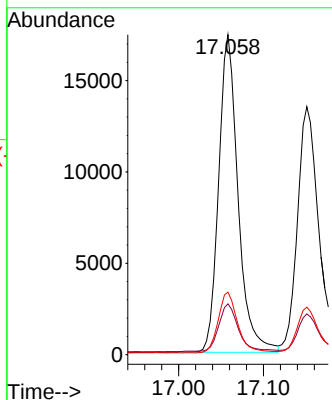
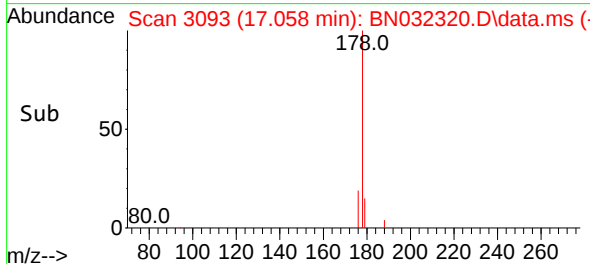
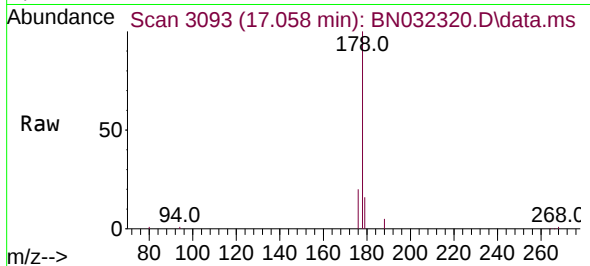




#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

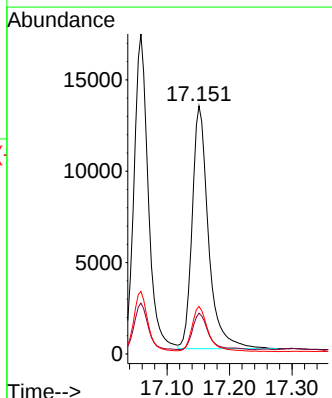
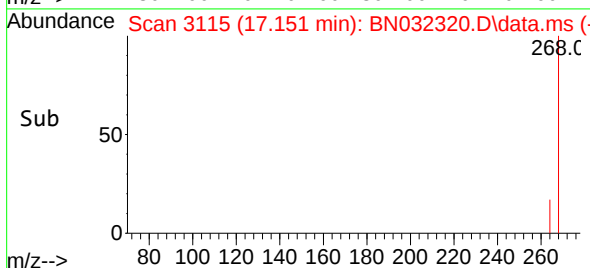
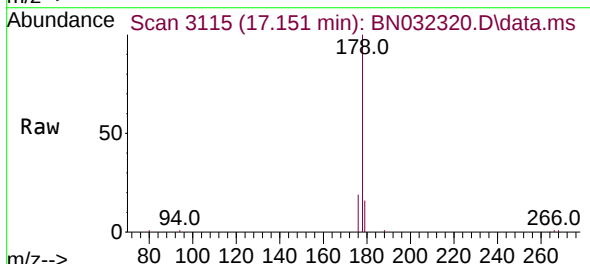
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

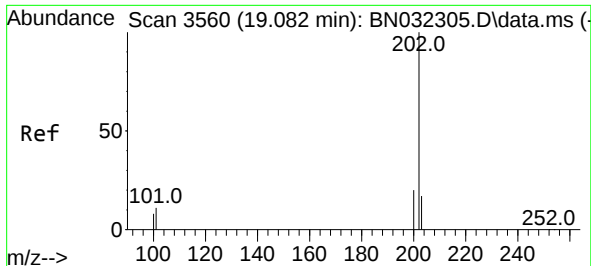
Tgt Ion:	178	Resp:	27628
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.296 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:	178	Resp:	24003
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	19.2	15.0	22.6

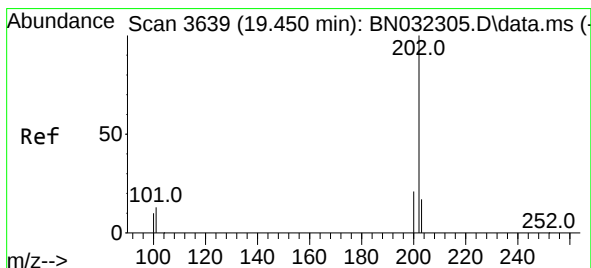
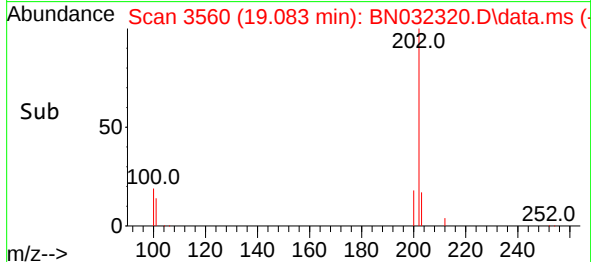
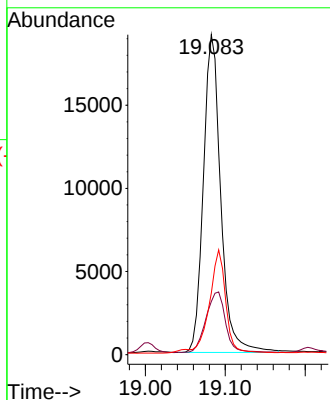
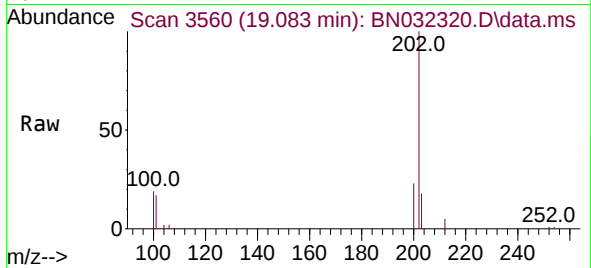




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

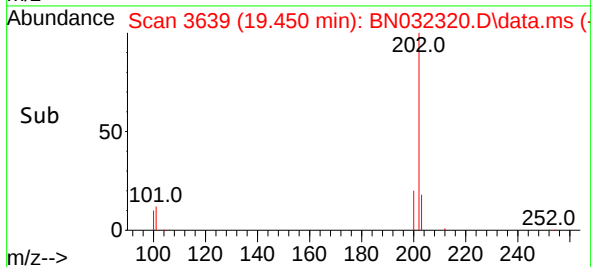
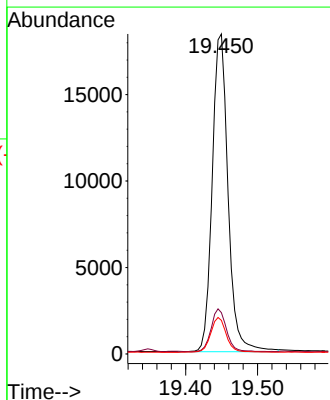
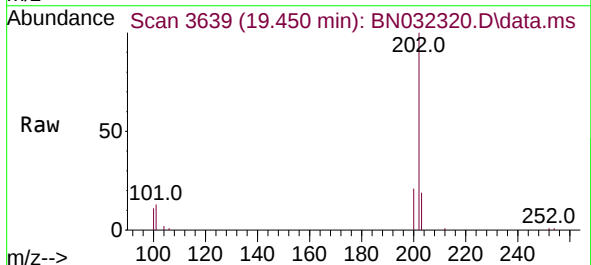
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

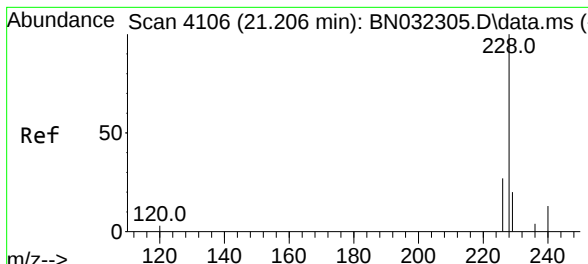
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	8.8	13.2#
100	19.3	6.4	9.6#



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.5	8.7	13.1



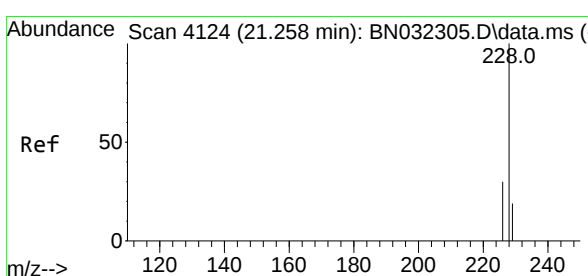
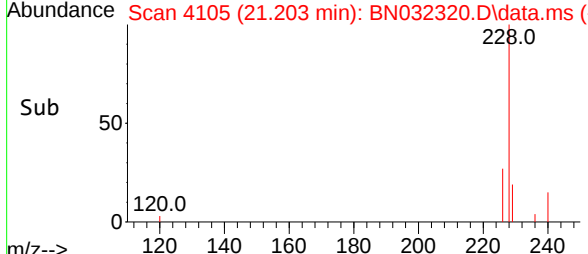
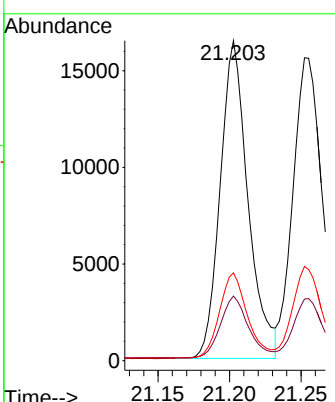
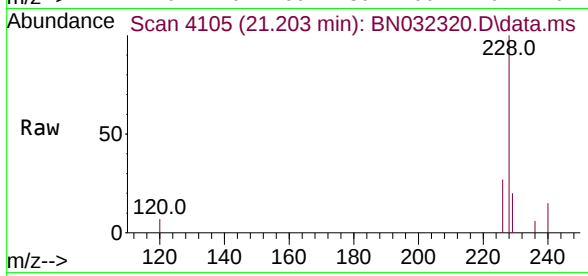


#21
 Benzo(a)anthracene
 Concen: 0.318 ng/ul
 RT: 21.203 min Scan# 4105
 Delta R.T. -0.012 min
 Lab File: BN032320.D
 Acq: 28 Jun 2024 18:51

Instrument :
 BNA_N
 ClientSampleId :
 E1GB1MSD

Tgt Ion:228 Resp: 22234

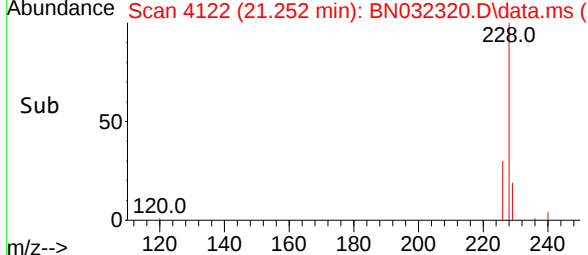
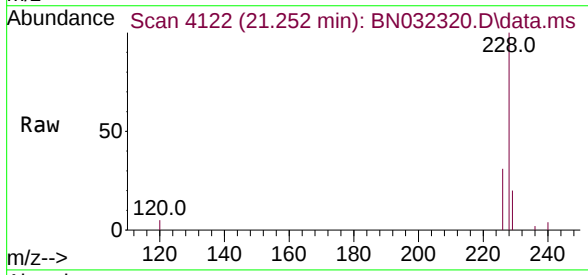
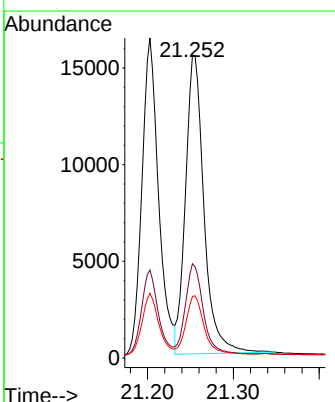
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.4	21.8	32.8

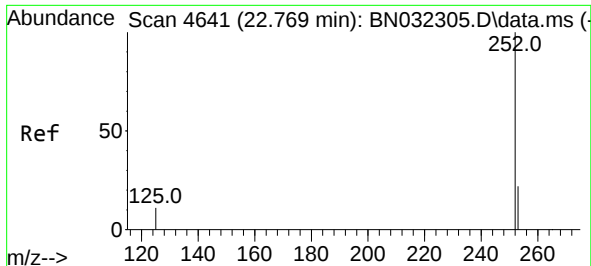


#22
 Chrysene
 Concen: 0.301 ng/ul
 RT: 21.252 min Scan# 4122
 Delta R.T. -0.015 min
 Lab File: BN032320.D
 Acq: 28 Jun 2024 18:51

Tgt Ion:228 Resp: 23088

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	20.3	15.7	23.5

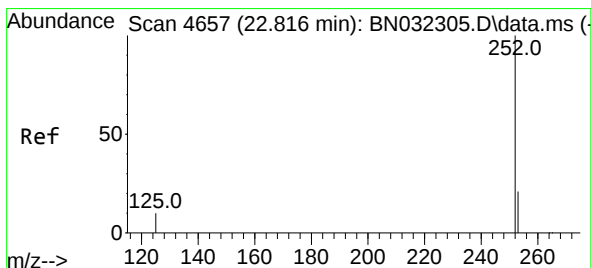
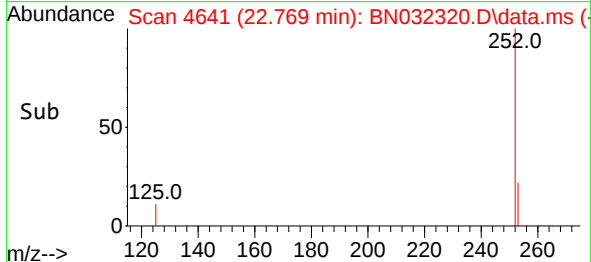
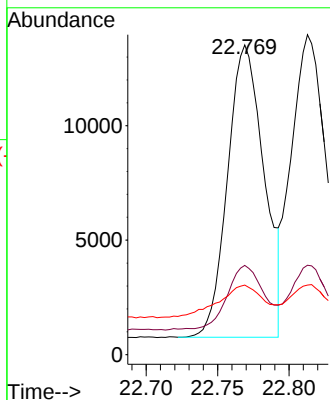
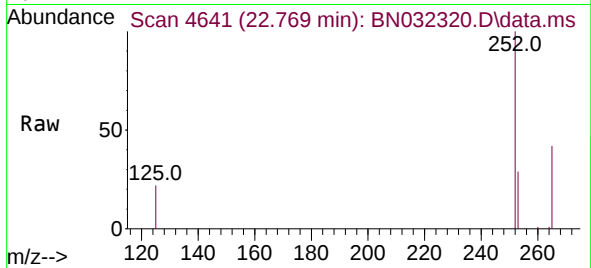




#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

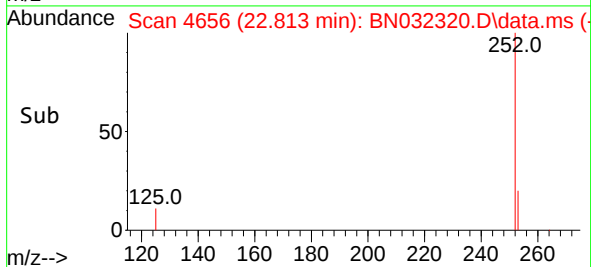
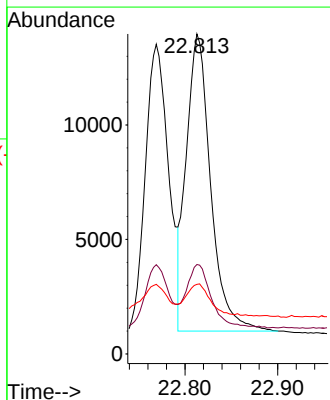
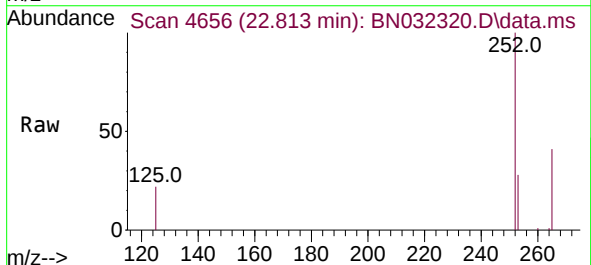
Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

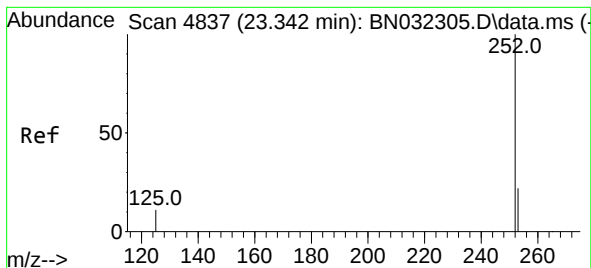
Tgt Ion:252 Resp: 22731
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.2
125 22.5 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul
RT: 22.813 min Scan# 4656
Delta R.T. -0.015 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:252 Resp: 23717
Ion Ratio Lower Upper
252 100
253 27.9 20.3 30.5
125 21.8 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.329 ng/ul

RT: 23.342 min Scan# 4837

Delta R.T. -0.018 min

Lab File: BN032320.D

Acq: 28 Jun 2024 18:51

Instrument :

BNA_N

ClientSampleId :

E1GB1MSD

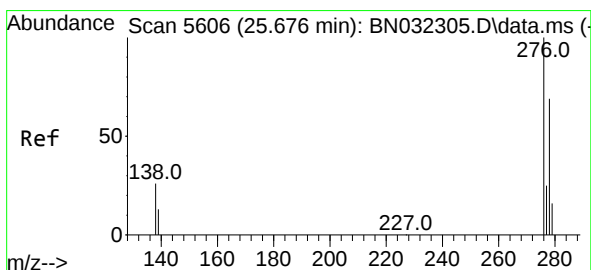
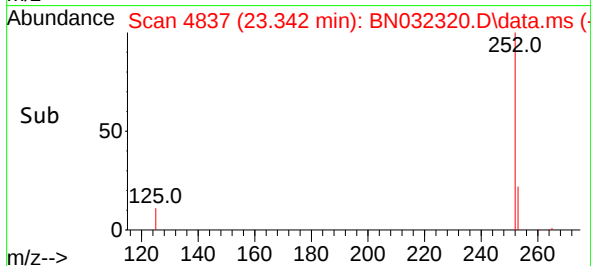
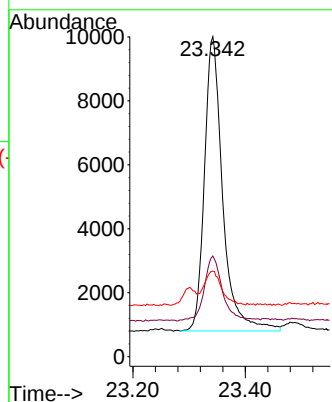
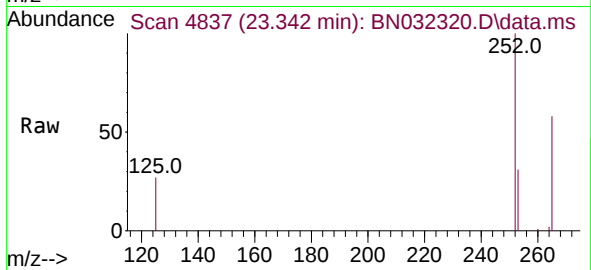
Tgt Ion:252 Resp: 20712

Ion Ratio Lower Upper

252 100

253 31.5 22.2 33.2

125 26.7 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.291 ng/ul

RT: 25.676 min Scan# 5606

Delta R.T. -0.024 min

Lab File: BN032320.D

Acq: 28 Jun 2024 18:51

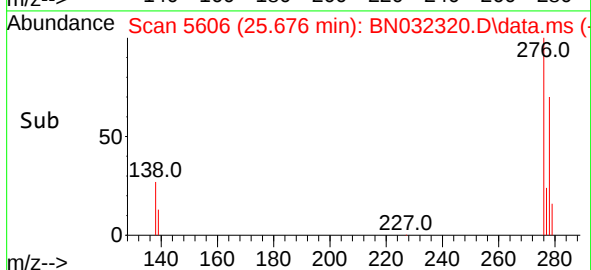
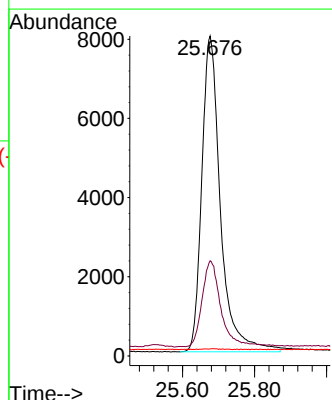
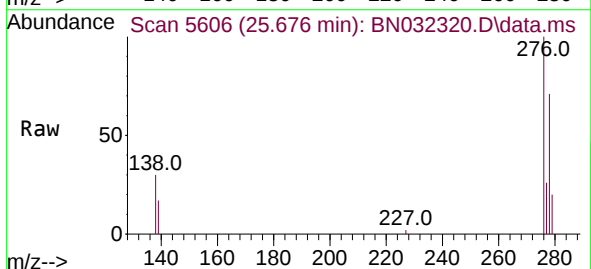
Tgt Ion:276 Resp: 28690

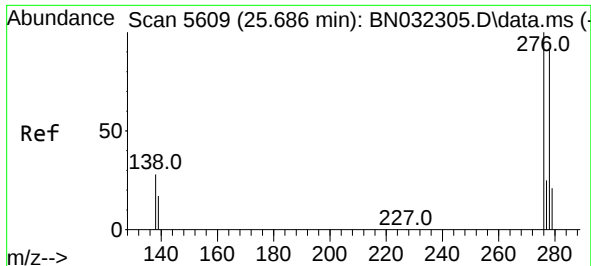
Ion Ratio Lower Upper

276 100

138 27.6 21.3 31.9

227 0.1 0.1 0.1

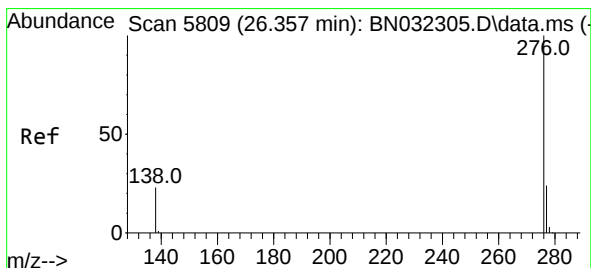
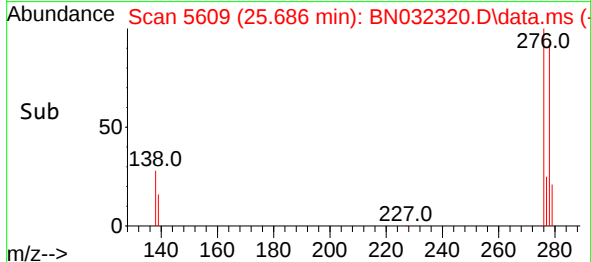
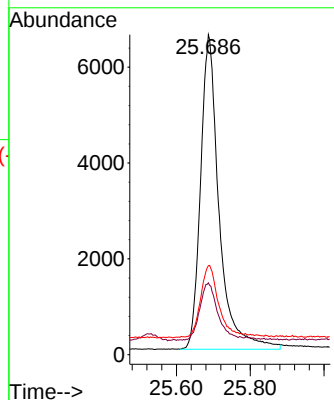
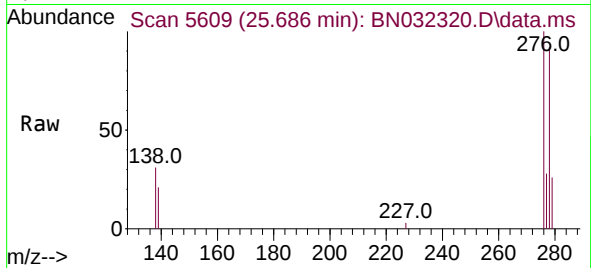




#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.686 min Scan# 5609
Delta R.T. -0.024 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Instrument :
BNA_N
ClientSampleId :
E1GB1MSD

Tgt Ion:278 Resp: 22843
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 27.8 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032320.D
Acq: 28 Jun 2024 18:51

Tgt Ion:276 Resp: 23652
Ion Ratio Lower Upper
276 100
138 26.7 19.8 29.6
277 25.7 19.8 29.6

