

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033569.D
 Acq On : 23 Aug 2024 01:41
 Operator : MA/JU
 Sample : P3671-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0-0.5-081924

Quant Time: Aug 23 02:37:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

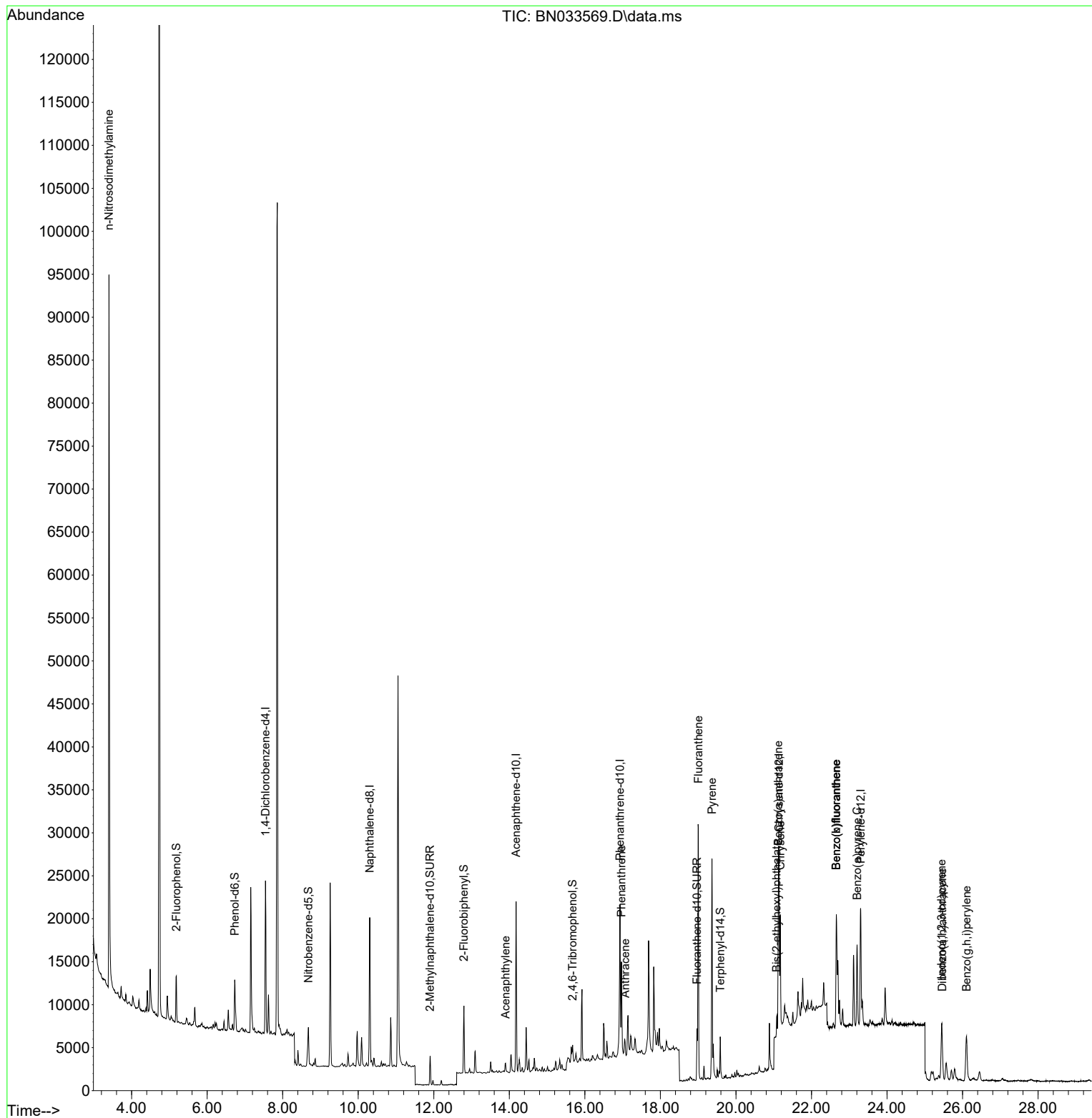
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8106	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	21263	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10490	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20512	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15408	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	17341	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4125	0.160	ng	0.00
5) Phenol-d6	6.729	99	5024	0.164	ng	0.00
8) Nitrobenzene-d5	8.681	82	3434	0.195	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4545	0.149	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	810	0.144	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6379	0.149	ng	0.00
27) Fluoranthene-d10	18.970	212	6326	0.128	ng	0.00
31) Terphenyl-d14	19.584	244	4283	0.122	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.400	42	10211	0.941	ng	# 1
16) Acenaphthylene	13.900	152	1331	0.029	ng	98
25) Phenanthrene	16.967	178	10924	0.191	ng	99
26) Anthracene	17.066	178	1598	0.032	ng	# 91
28) Fluoranthene	19.003	202	26129	0.414	ng	99
30) Pyrene	19.365	202	22828	0.332	ng	# 95
32) Benzo(a)anthracene	21.122	228	10402	0.187	ng	93
33) Chrysene	21.175	228	13676	0.247	ng	96
34) Bis(2-ethylhexyl)phtha...	21.077	149	3290	0.093	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.446	276	9755	0.136	ng	95
37) Benzo(b)fluoranthene	22.657	252	19653	0.303	ng	# 89
38) Benzo(k)fluoranthene	22.657	252	19653	0.308	ng	92
39) Benzo(a)pyrene	23.206	252	12177	0.227	ng	# 87
40) Dibenzo(a,h)anthracene	25.461	278	2251	0.039	ng	# 41
41) Benzo(g,h,i)perylene	26.104	276	10031	0.163	ng	92

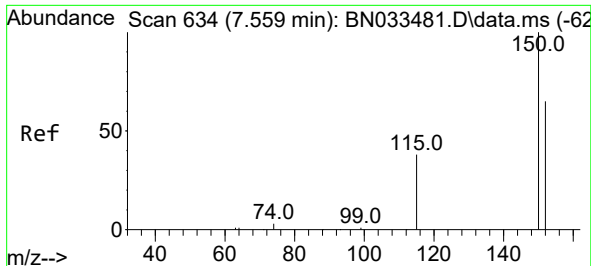
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-928-K1-SO-0-0.5-081924

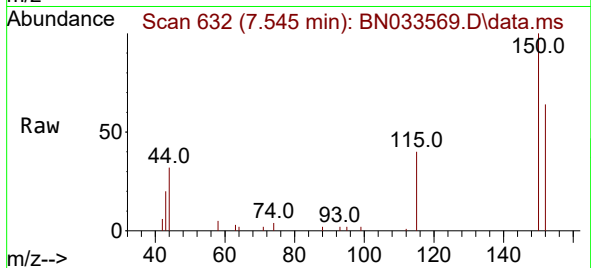
Quant Time: Aug 23 02:37:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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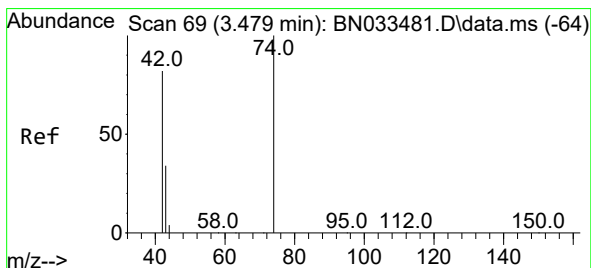
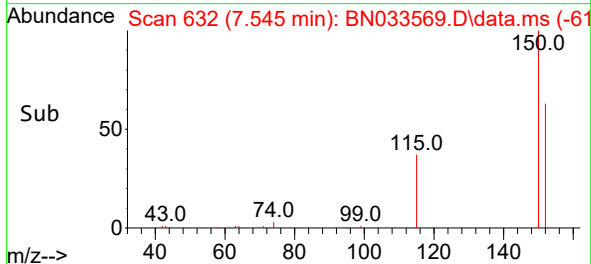
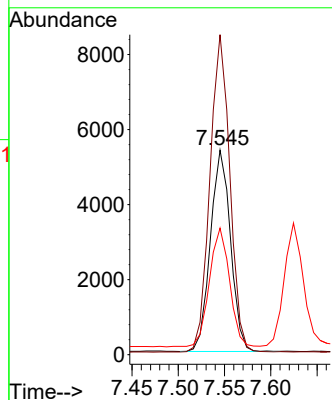


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

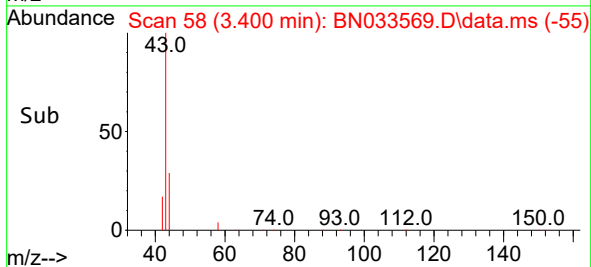
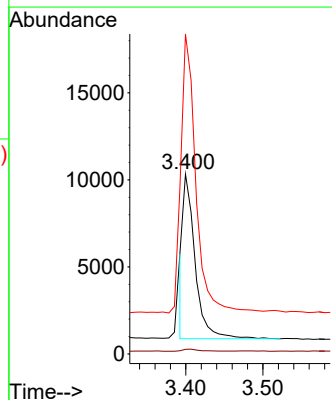
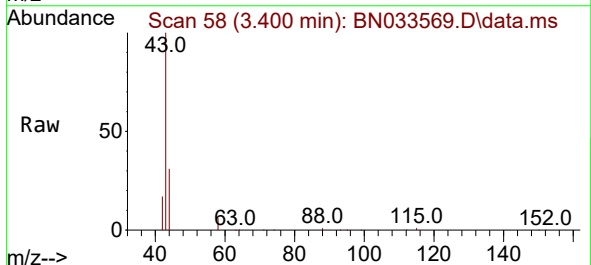


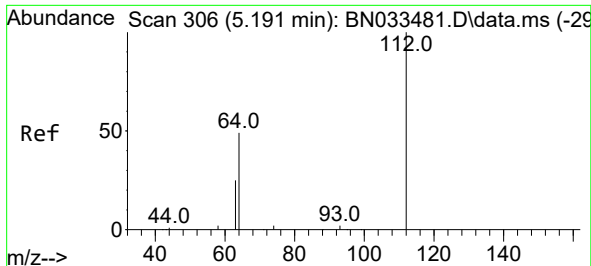
Tgt Ion:152 Resp: 8106
Ion Ratio Lower Upper
152 100
150 156.4 122.2 183.2
115 61.9 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.941 ng
RT: 3.400 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion: 42 Resp: 10211
Ion Ratio Lower Upper
42 100
74 1.4 100.2 150.2#
44 173.6 5.3 7.9#

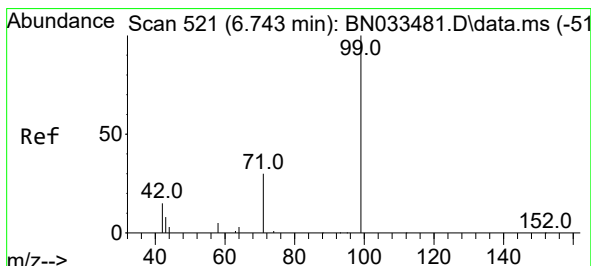
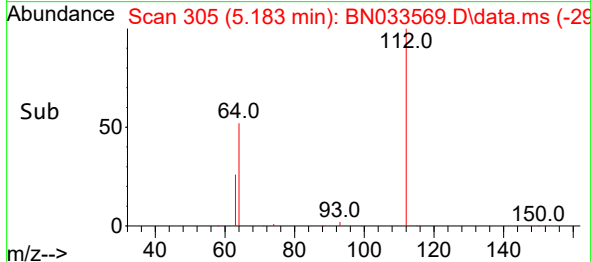
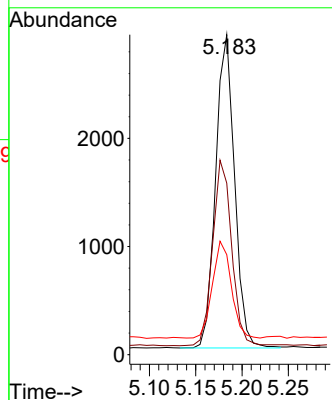
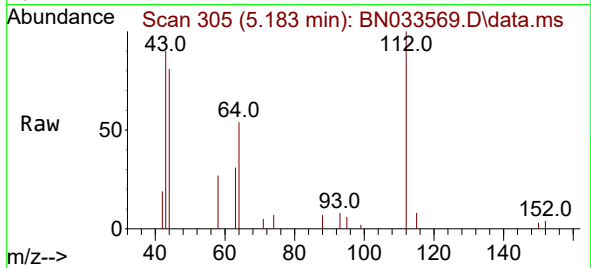




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.183 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

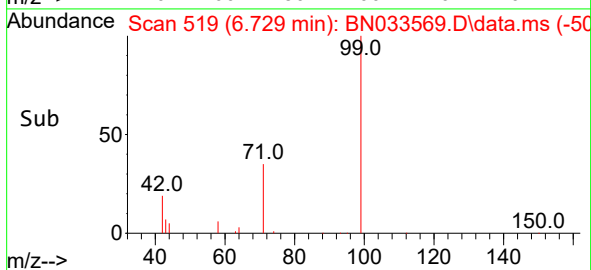
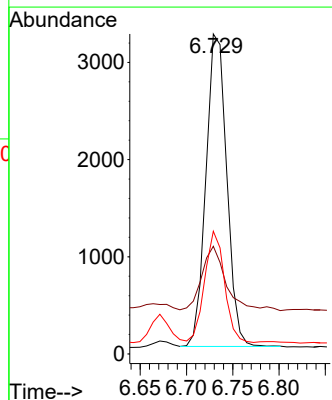
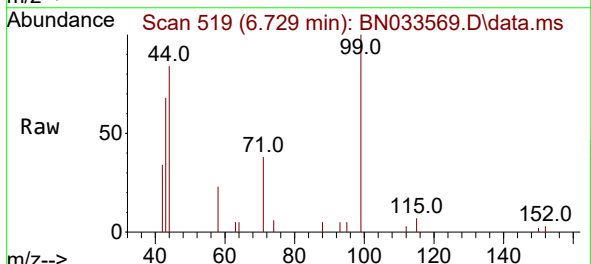
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

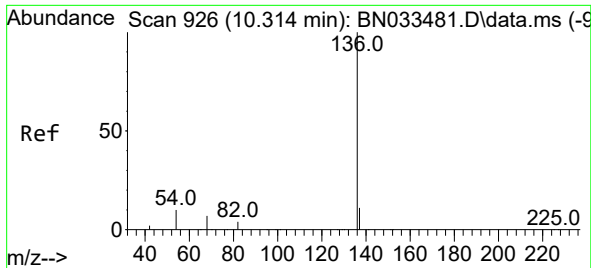
Tgt Ion:112 Resp: 4125
Ion Ratio Lower Upper
112 100
64 59.8 47.1 70.7
63 30.6 24.9 37.3



#5
Phenol-d6
Concen: 0.164 ng
RT: 6.729 min Scan# 519
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion: 99 Resp: 5024
Ion Ratio Lower Upper
99 100
42 23.9 16.6 24.8
71 33.9 26.2 39.4

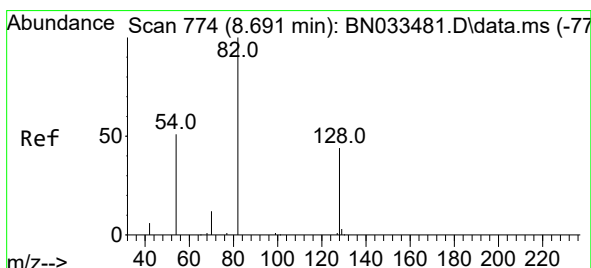
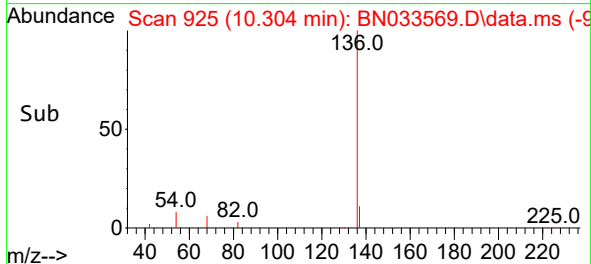
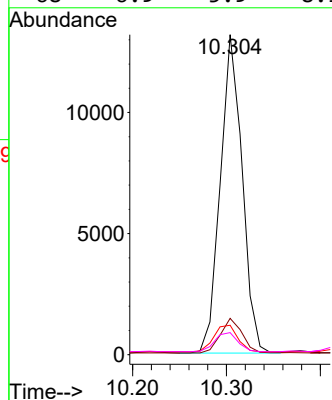
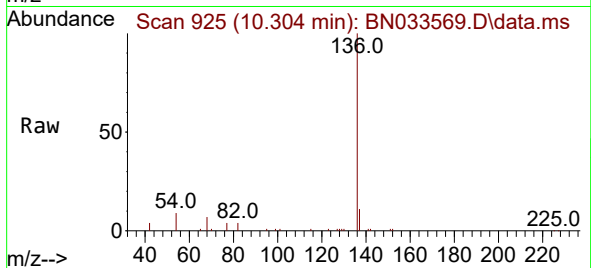




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

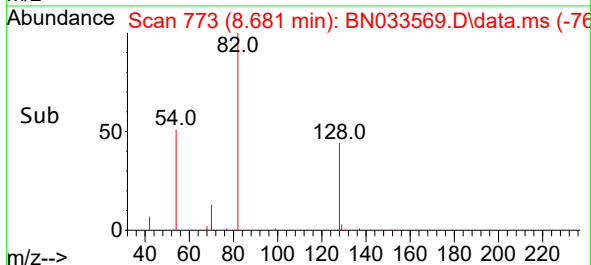
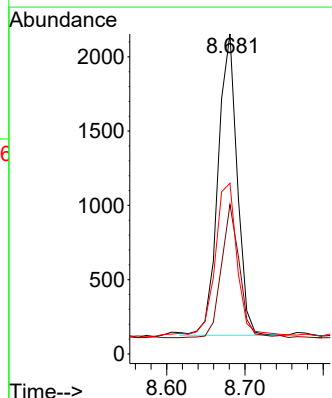
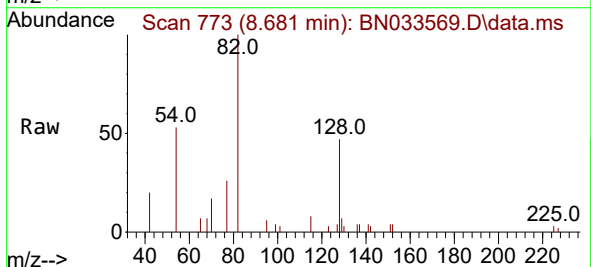
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

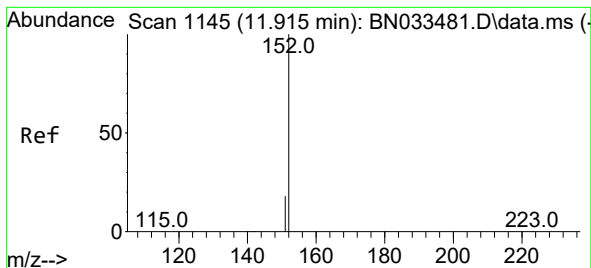
Tgt Ion:	136	Resp:	21263
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.2	8.3	12.5
68	6.9	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 8.681 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion:	82	Resp:	3434
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.0	54.0
54	53.3	42.0	63.0

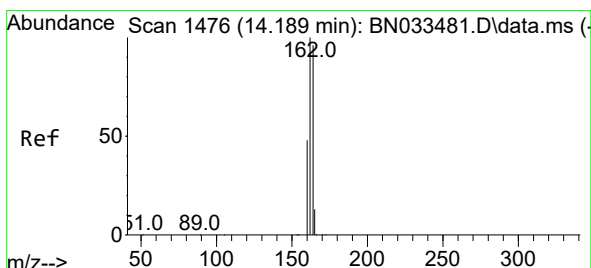
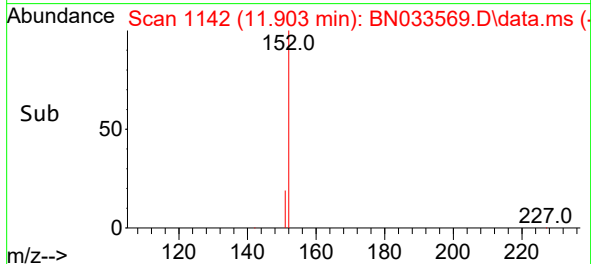
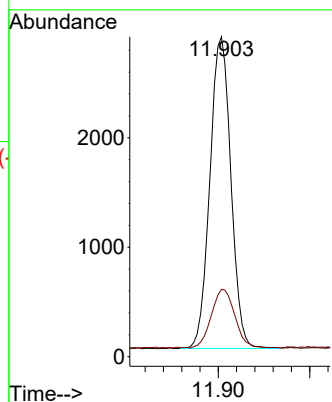
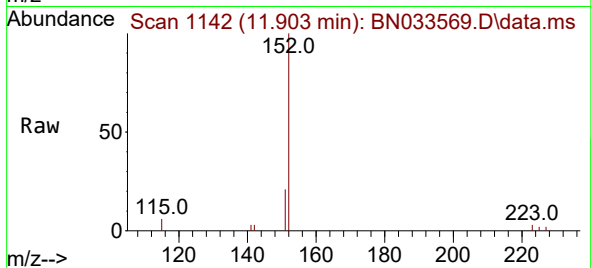




#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 11.903 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

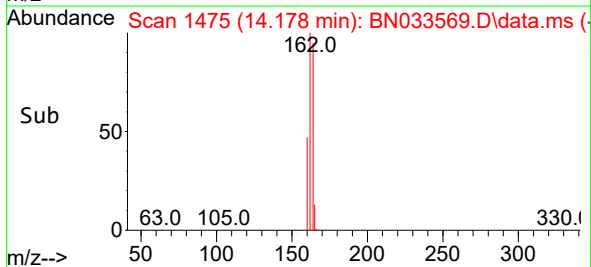
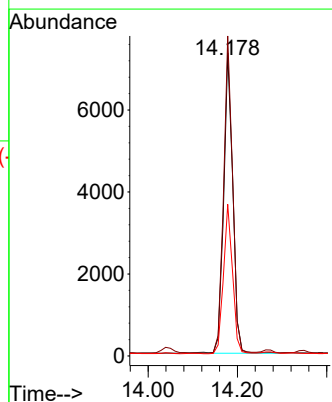
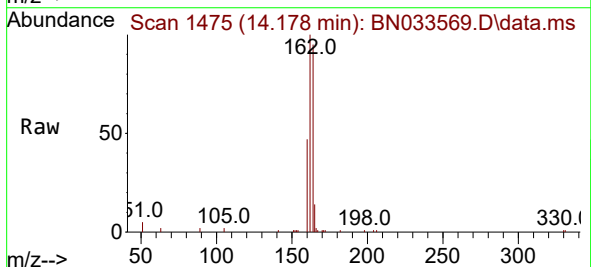
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

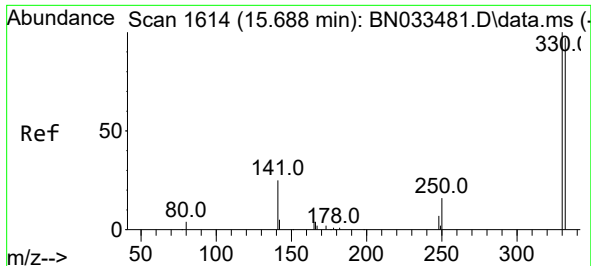
Tgt Ion:152 Resp: 4545
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

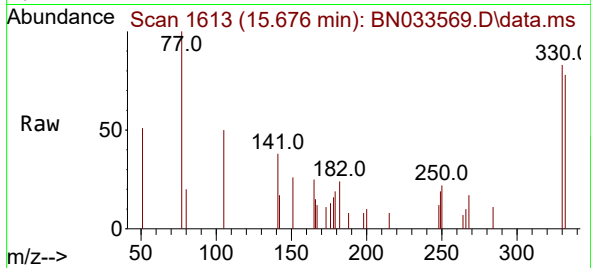
Tgt Ion:164 Resp: 10490
Ion Ratio Lower Upper
164 100
162 105.6 83.5 125.3
160 50.1 40.2 60.4



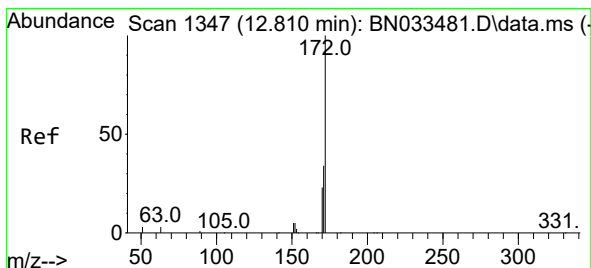
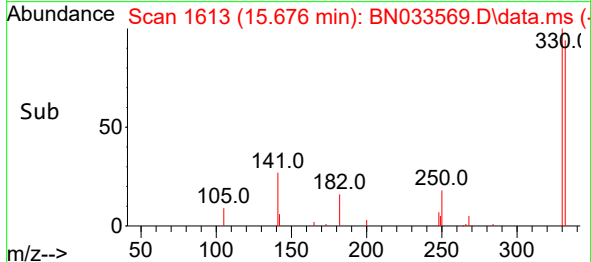
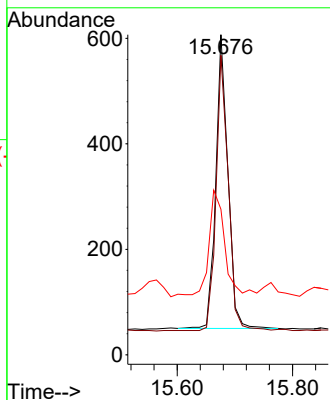


#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 15.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

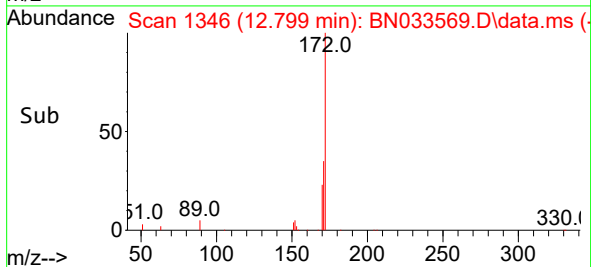
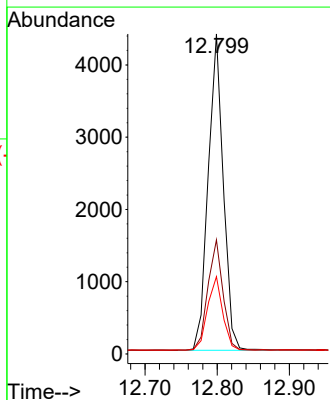
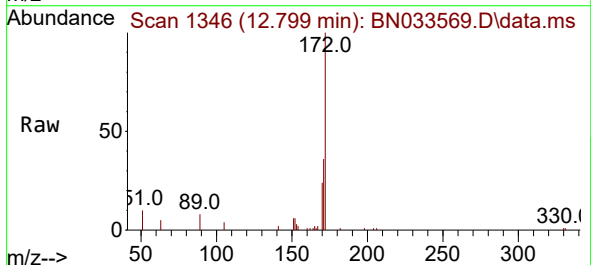


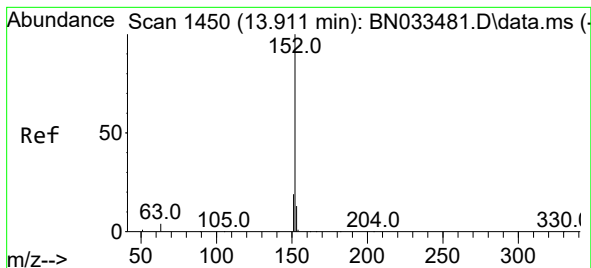
Tgt Ion:330 Resp: 810
Ion Ratio Lower Upper
330 100
332 94.6 77.5 116.3
141 44.2 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 12.799 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion:172 Resp: 6379
Ion Ratio Lower Upper
172 100
171 35.7 27.7 41.5
170 24.2 18.3 27.5





#16

Acenaphthylene

Concen: 0.029 ng

RT: 13.900 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BN033569.D

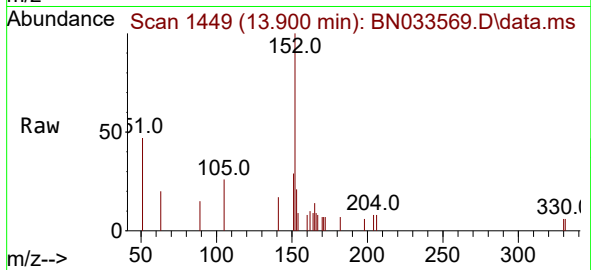
Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924



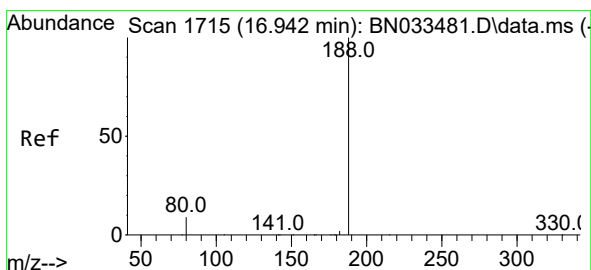
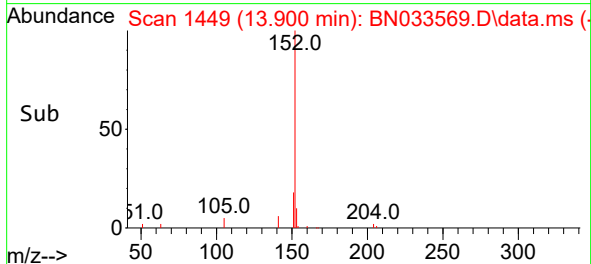
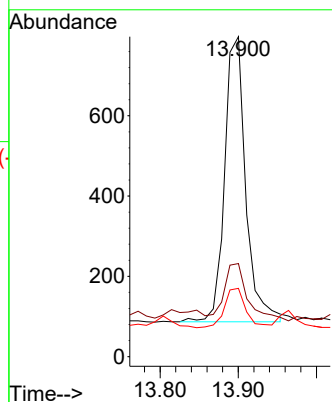
Tgt Ion:152 Resp: 1331

Ion Ratio Lower Upper

152 100

151 18.8 15.7 23.5

153 14.2 10.3 15.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

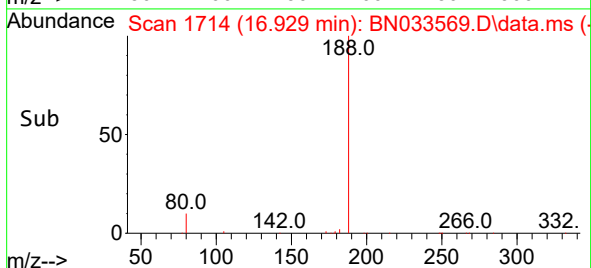
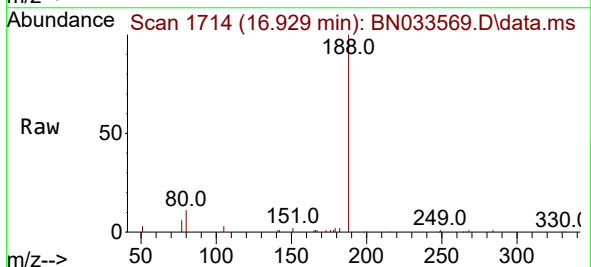
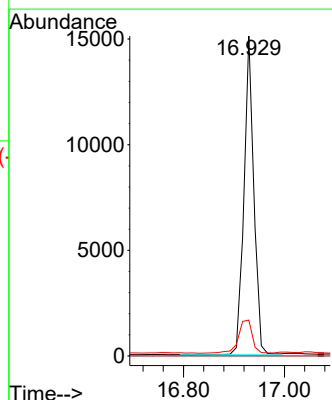
Tgt Ion:188 Resp: 20512

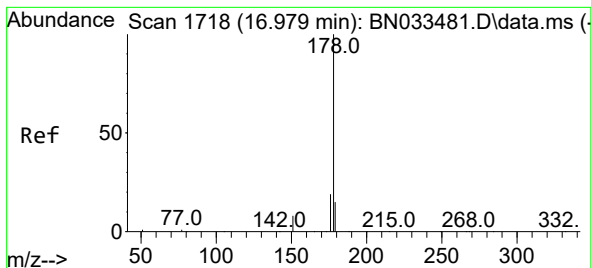
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 7.8 11.8





#25

Phenanthrene

Concen: 0.191 ng

RT: 16.967 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924

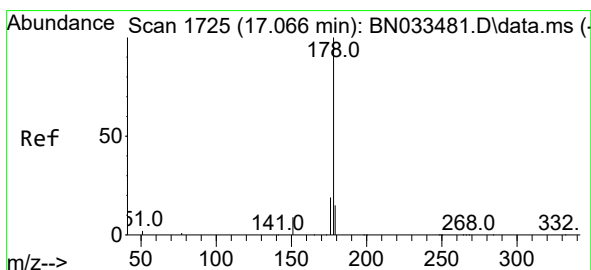
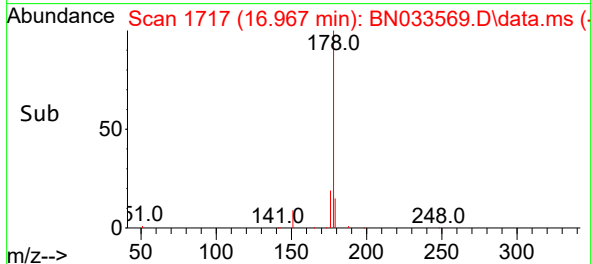
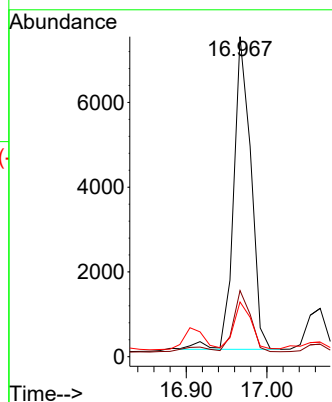
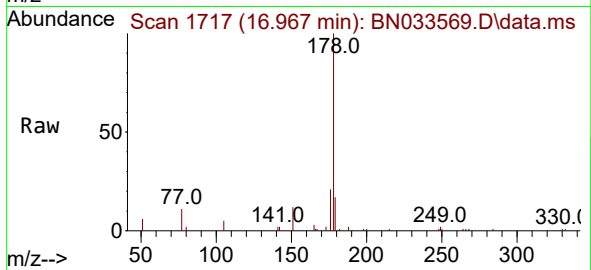
Tgt Ion:178 Resp: 10924

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 14.8 12.3 18.5



#26

Anthracene

Concen: 0.032 ng

RT: 17.066 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

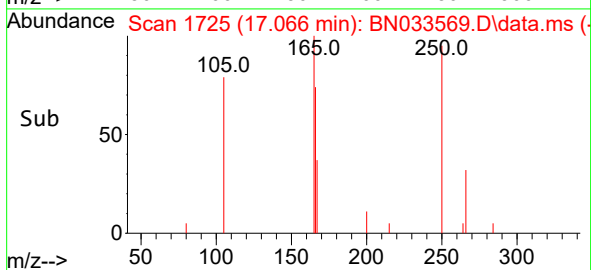
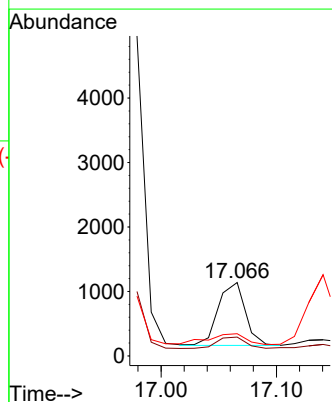
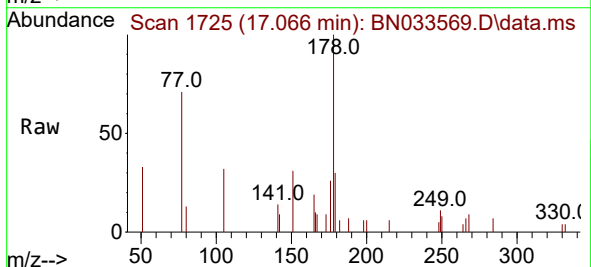
Tgt Ion:178 Resp: 1598

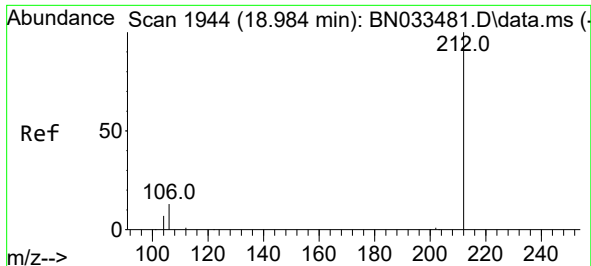
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 23.8 12.4 18.6#





#27

Fluoranthene-d10

Concen: 0.128 ng

RT: 18.970 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

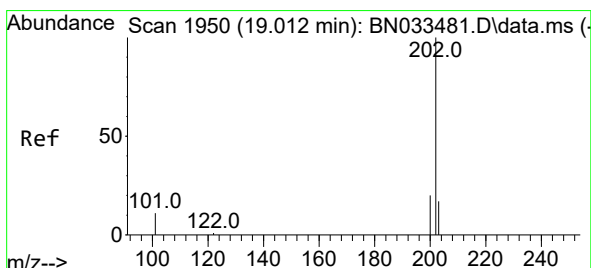
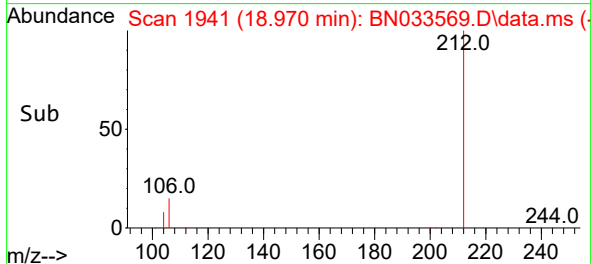
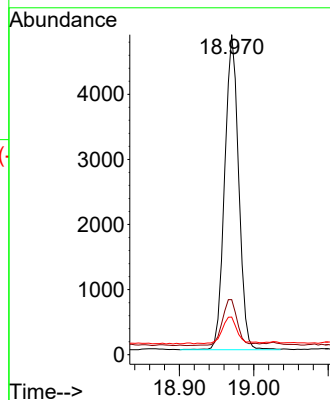
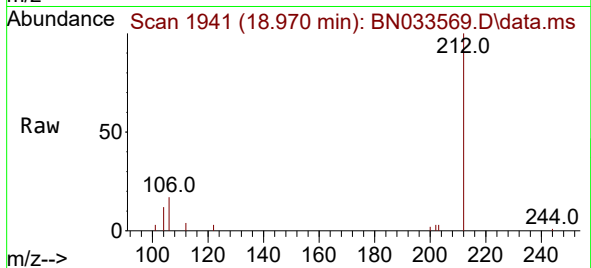
Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924

Tgt Ion:212	Resp:	6326
Ion Ratio	Lower	Upper
212	100	
106	15.9	12.3 18.5
104	9.4	7.0 10.4



#28

Fluoranthene

Concen: 0.414 ng

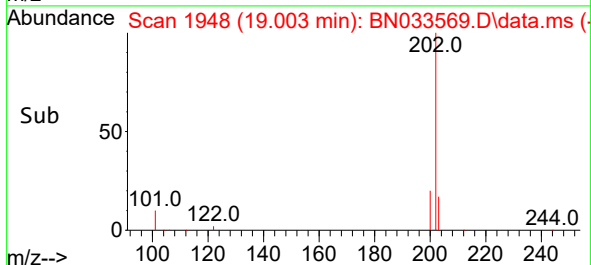
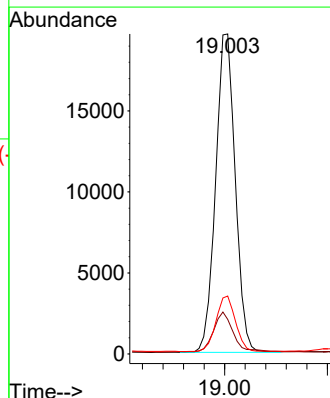
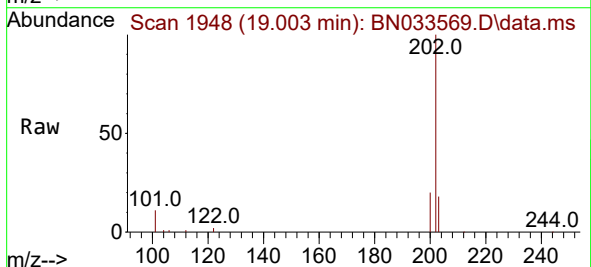
RT: 19.003 min Scan# 1948

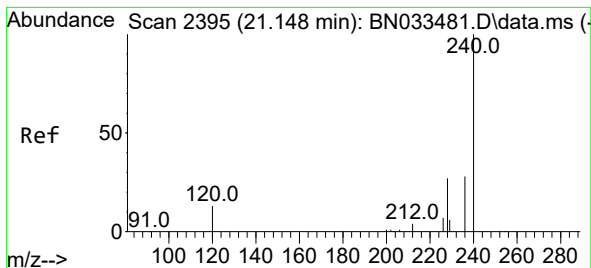
Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

Tgt Ion:202	Resp:	26129
Ion Ratio	Lower	Upper
202	100	
101	13.0	9.5 14.3
203	17.3	13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033569.D

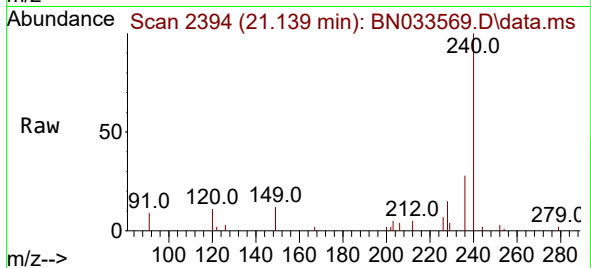
Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924



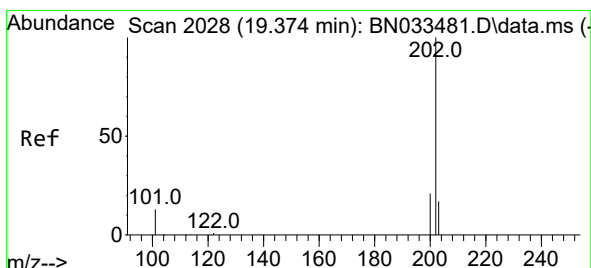
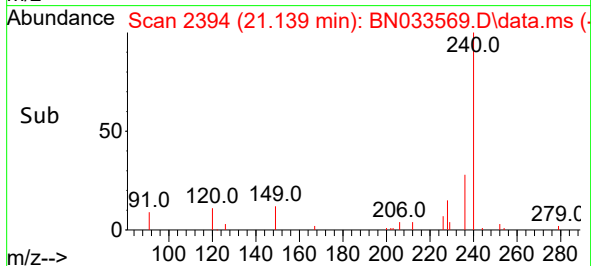
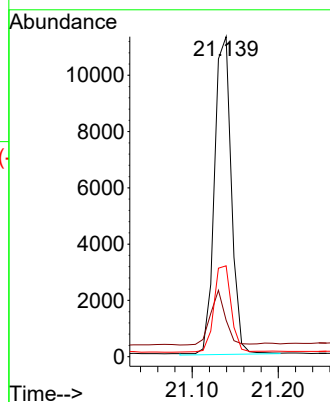
Tgt Ion:240 Resp: 15408

Ion Ratio Lower Upper

240 100

120 11.4 12.4 18.6#

236 28.4 23.0 34.6



#30

Pyrene

Concen: 0.332 ng

RT: 19.365 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

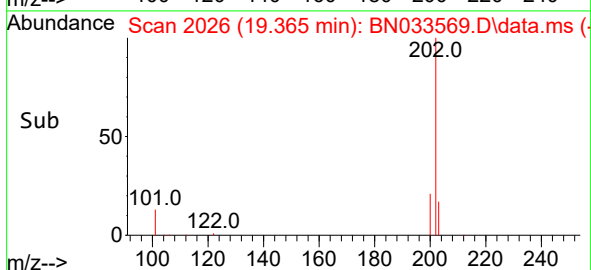
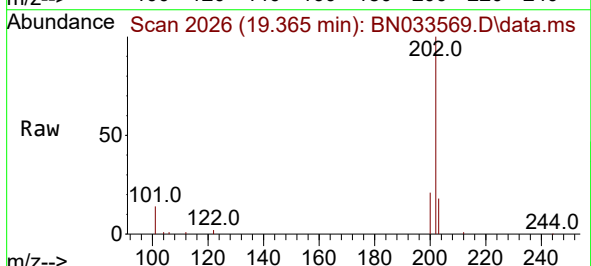
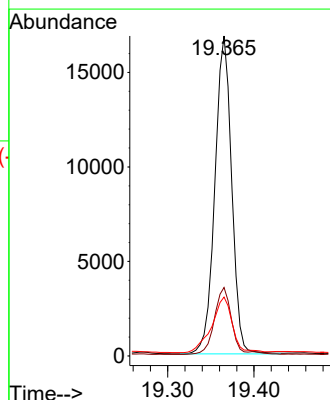
Tgt Ion:202 Resp: 22828

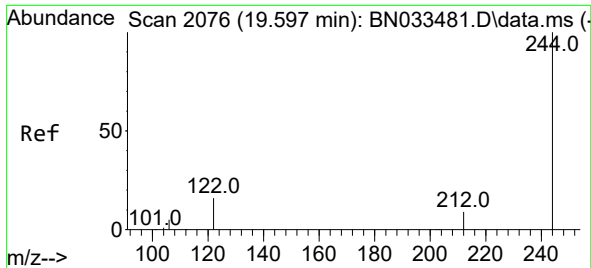
Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

203 21.4 14.2 21.4#

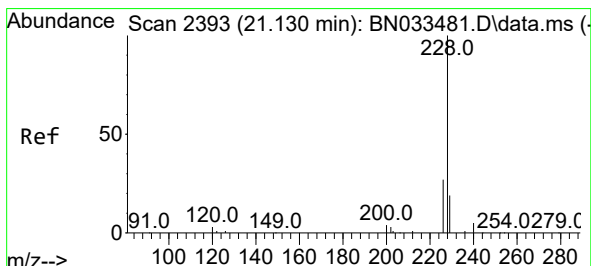
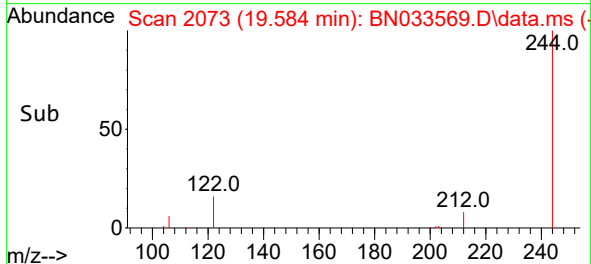
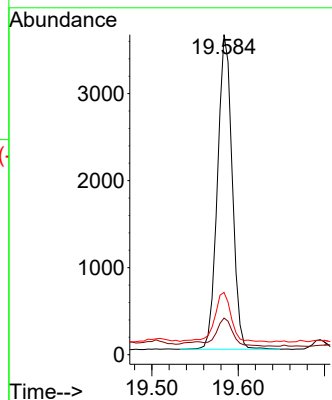
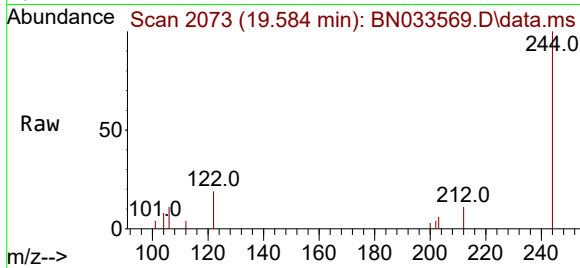




#31
Terphenyl-d14
Concen: 0.122 ng
RT: 19.584 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

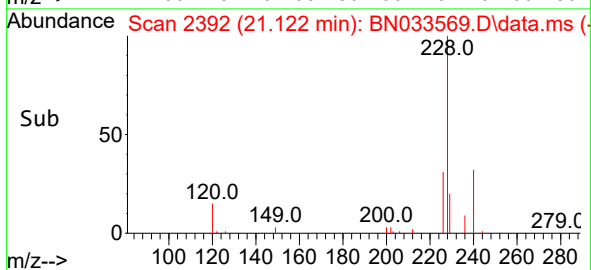
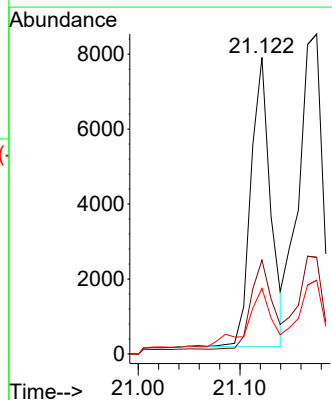
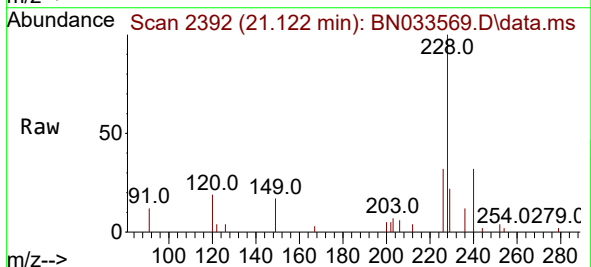
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

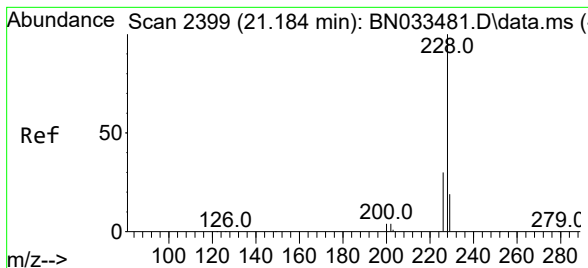
Tgt Ion:244 Resp: 4283
Ion Ratio Lower Upper
244 100
212 11.5 7.8 11.6
122 19.4 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.187 ng
RT: 21.122 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion:228 Resp: 10402
Ion Ratio Lower Upper
228 100
226 31.7 21.8 32.6
229 22.1 15.8 23.6





#33

Chrysene

Concen: 0.247 ng

RT: 21.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924

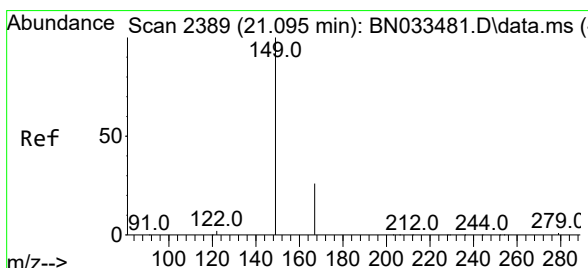
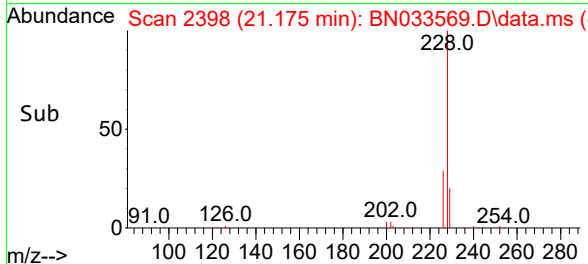
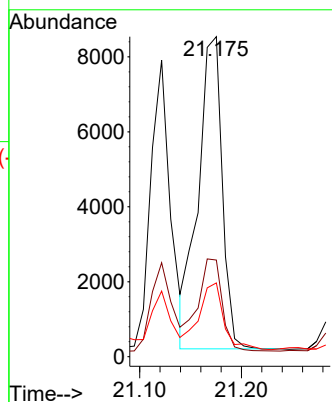
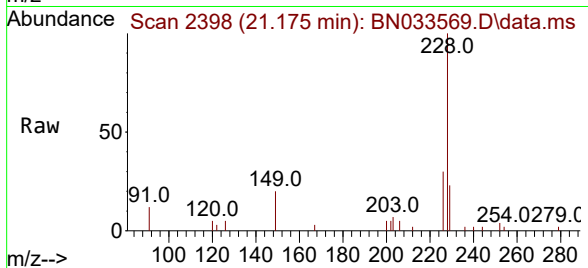
Tgt Ion:228 Resp: 13676

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 23.0 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.077 min Scan# 2387

Delta R.T. -0.009 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

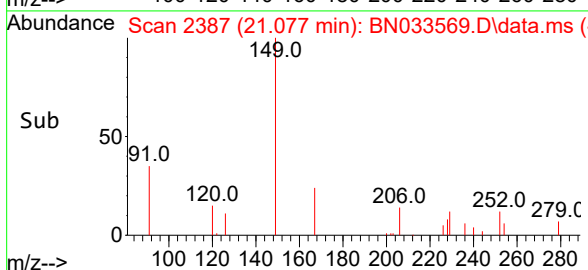
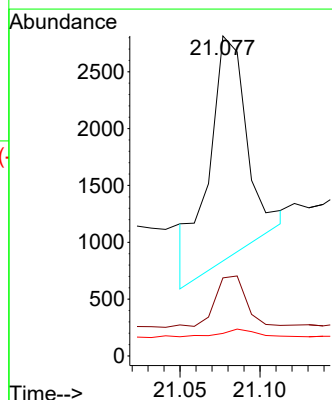
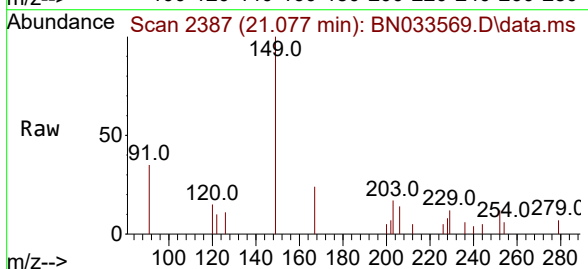
Tgt Ion:149 Resp: 3290

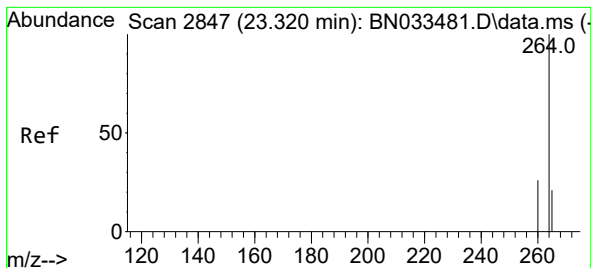
Ion Ratio Lower Upper

149 100

167 25.0 21.5 32.3

279 42.9 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.300 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033569.D

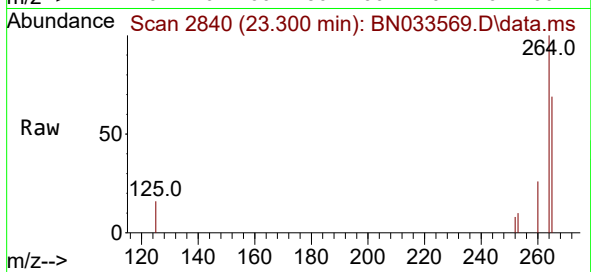
Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924



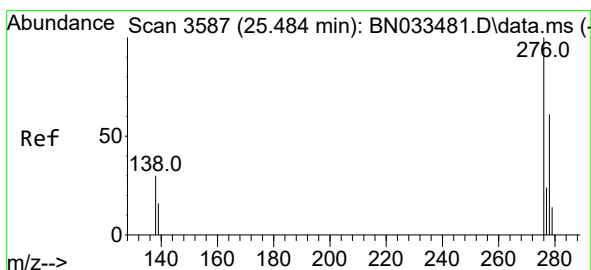
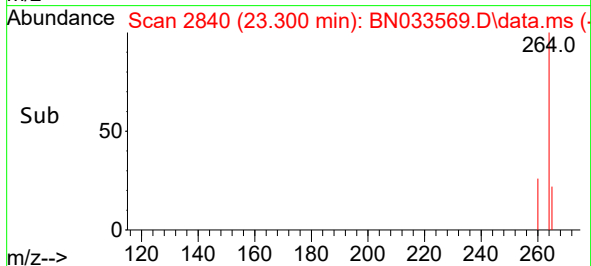
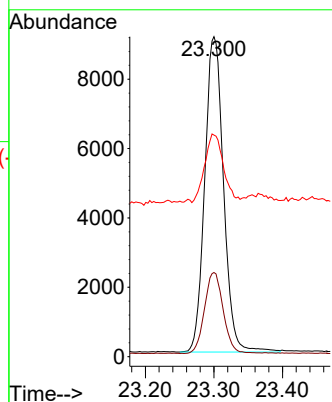
Tgt Ion:264 Resp: 17341

Ion Ratio Lower Upper

264 100

260 26.3 20.8 31.2

265 69.3 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng

RT: 25.446 min Scan# 3574

Delta R.T. -0.003 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

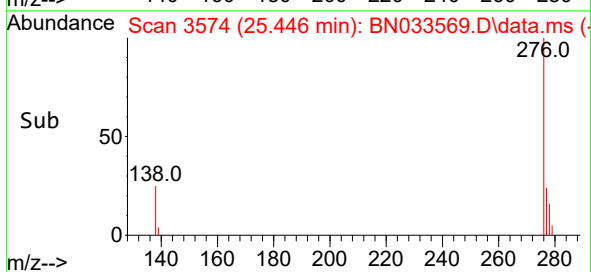
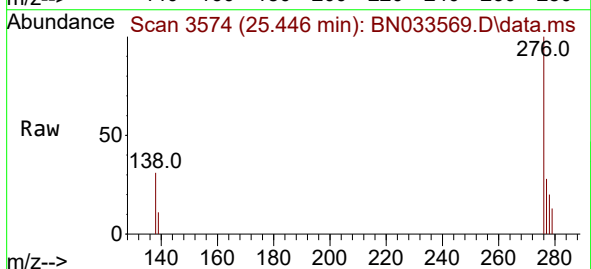
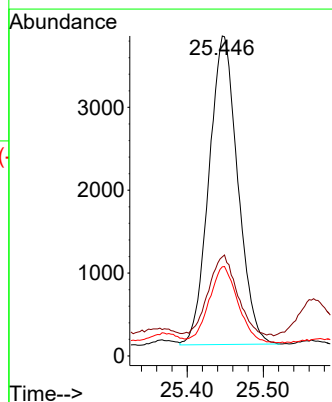
Tgt Ion:276 Resp: 9755

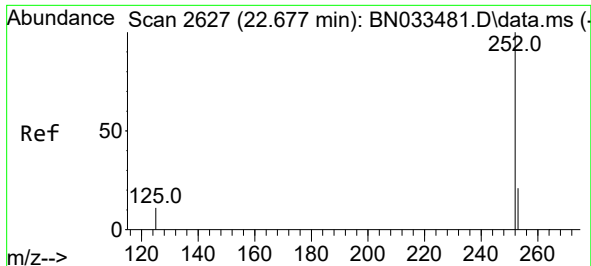
Ion Ratio Lower Upper

276 100

138 25.7 24.4 36.6

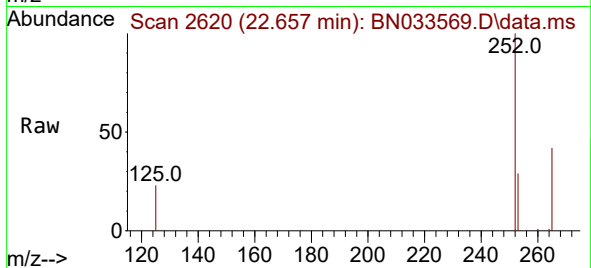
277 24.7 19.8 29.6



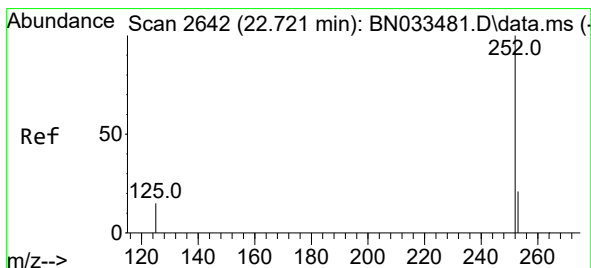
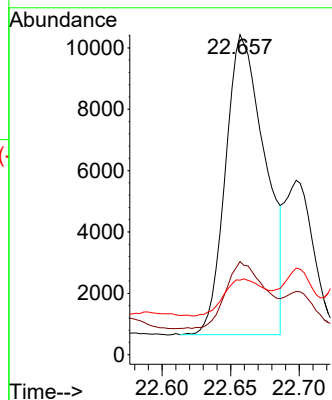


#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 22.657 min Scan# 2620
Delta R.T. -0.003 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0-0.5-081924

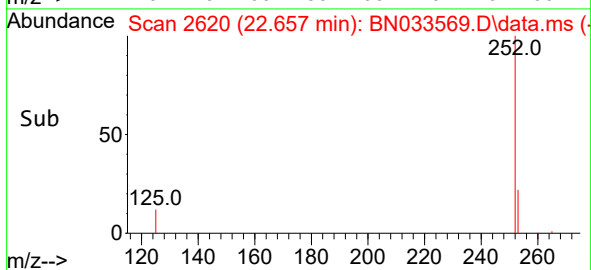
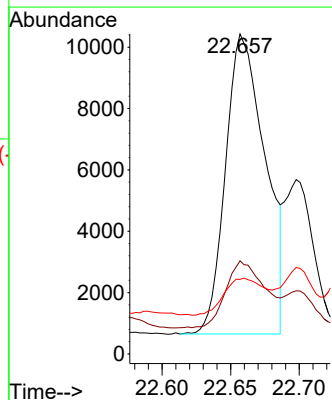
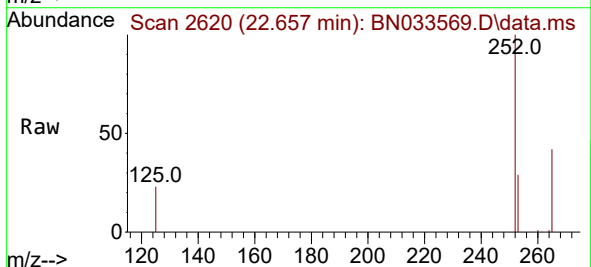


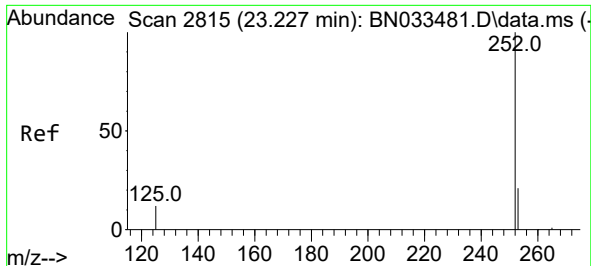
Tgt Ion:252 Resp: 19653
Ion Ratio Lower Upper
252 100
253 29.1 19.8 29.8
125 23.3 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 0.308 ng
RT: 22.657 min Scan# 2620
Delta R.T. -0.047 min
Lab File: BN033569.D
Acq: 23 Aug 2024 01:41

Tgt Ion:252 Resp: 19653
Ion Ratio Lower Upper
252 100
253 29.1 19.8 29.8
125 23.3 15.8 23.8





#39

Benzo(a)pyrene

Concen: 0.227 ng

RT: 23.206 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0-0.5-081924

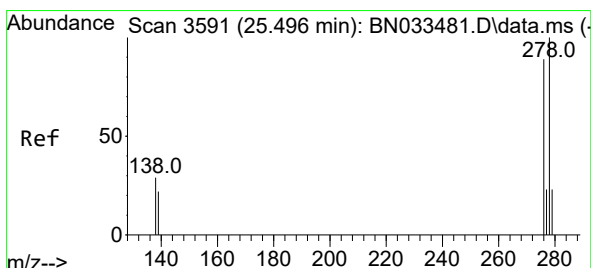
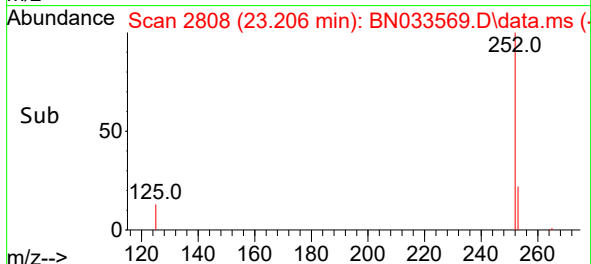
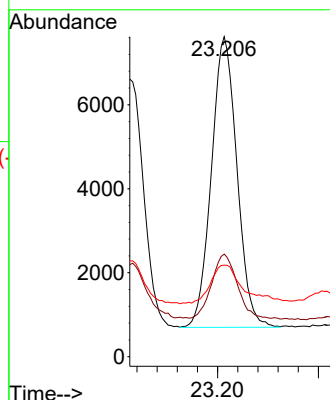
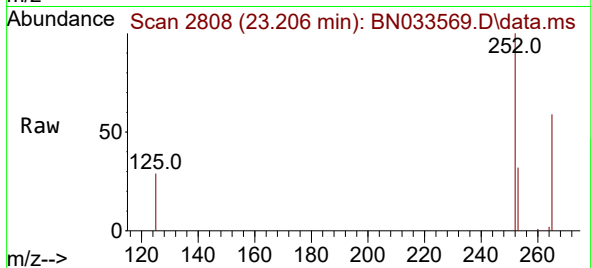
Tgt Ion:252 Resp: 12177

Ion Ratio Lower Upper

252 100

253 32.1 21.5 32.3

125 28.6 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.039 ng

RT: 25.461 min Scan# 3579

Delta R.T. -0.009 min

Lab File: BN033569.D

Acq: 23 Aug 2024 01:41

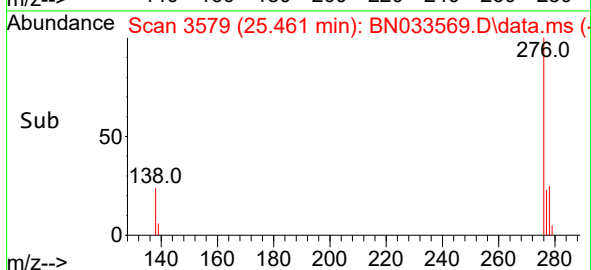
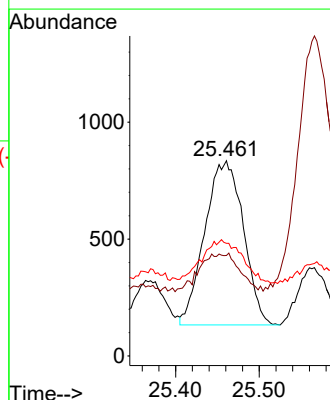
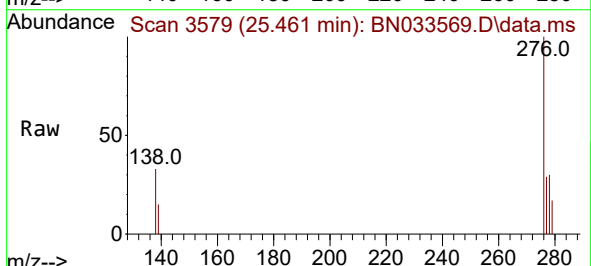
Tgt Ion:278 Resp: 2251

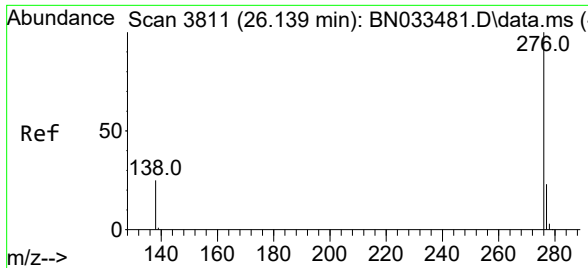
Ion Ratio Lower Upper

278 100

139 51.5 19.1 28.7#

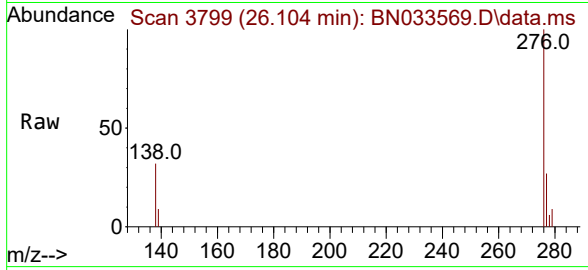
279 57.7 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.163 ng
 RT: 26.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN033569.D
 Acq: 23 Aug 2024 01:41

Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0-0.5-081924



Tgt Ion:	276	Resp:	10031
Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.7	29.5
138	32.1	21.8	32.6

