

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033570.D
 Acq On : 23 Aug 2024 02:17
 Operator : MA/JU
 Sample : P3671-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924

Quant Time: Aug 23 03:03:09 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)

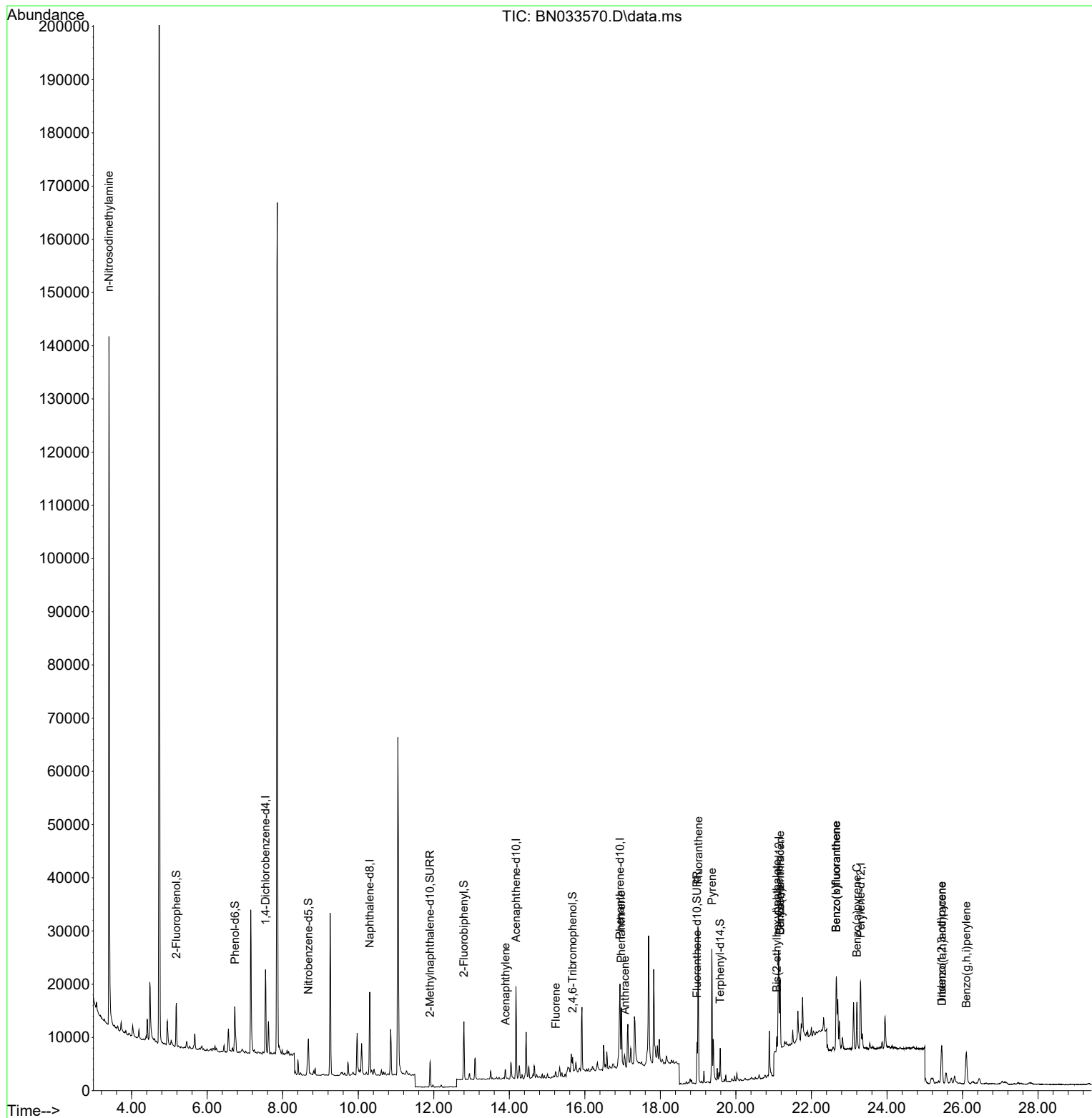
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7220	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	18938	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9199	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18224	0.400	ng	0.00
29) Chrysene-d12	21.139	240	14086	0.400	ng	0.00
35) Perylene-d12	23.302	264	15519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6041	0.263	ng	0.00
5) Phenol-d6	6.736	99	7436	0.272	ng	0.00
8) Nitrobenzene-d5	8.680	82	5274	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	6427	0.237	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	1120	0.226	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	8825	0.235	ng	0.00
27) Fluoranthene-d10	18.970	212	8205	0.187	ng	0.00
31) Terphenyl-d14	19.583	244	5479	0.171	ng	0.00
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	3.399	42	15443	1.598	ng	# 1
16) Acenaphthylene	13.900	152	2139	0.053	ng	99
18) Fluorene	15.236	166	961	0.027	ng	# 52
25) Phenanthrene	16.966	178	11206	0.221	ng	99
26) Anthracene	17.065	178	1521	0.034	ng	# 84
28) Fluoranthene	19.002	202	25821	0.461	ng	99
30) Pyrene	19.365	202	21592	0.343	ng	96
32) Benzo(a)anthracene	21.175	228	9801	0.192	ng	94
33) Chrysene	21.175	228	13750	0.272	ng	96
34) Bis(2-ethylhexyl)phtha...	21.085	149	3635	0.113	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.448	276	10627	0.165	ng	96
37) Benzo(b)fluoranthene	22.659	252	20808	0.359	ng	# 88
38) Benzo(k)fluoranthene	22.659	252	20808	0.365	ng	# 91
39) Benzo(a)pyrene	23.206	252	11527	0.240	ng	# 84
40) Dibenzo(a,h)anthracene	25.457	278	2278	0.044	ng	# 37
41) Benzo(g,h,i)perylene	26.100	276	11177	0.203	ng	93

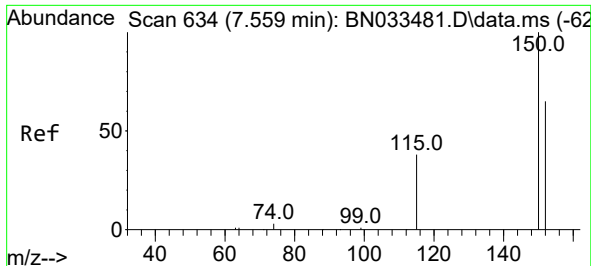
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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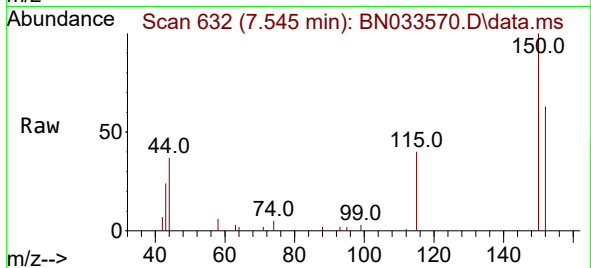
Quant Time: Aug 23 03:03:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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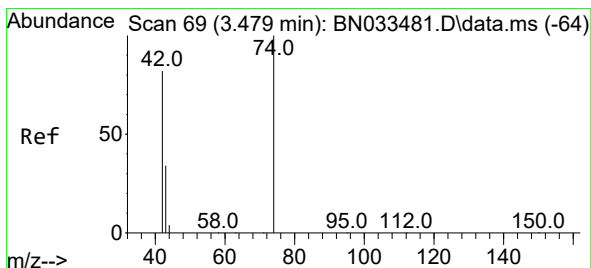
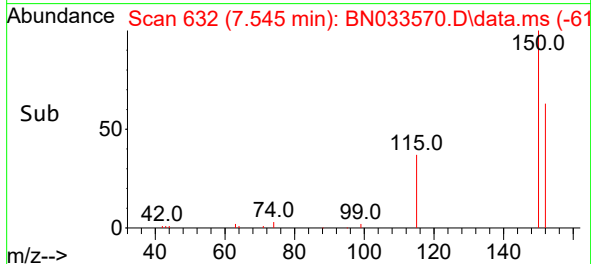
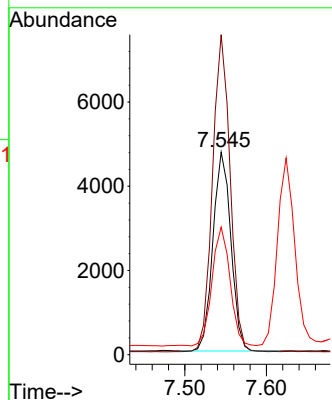


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

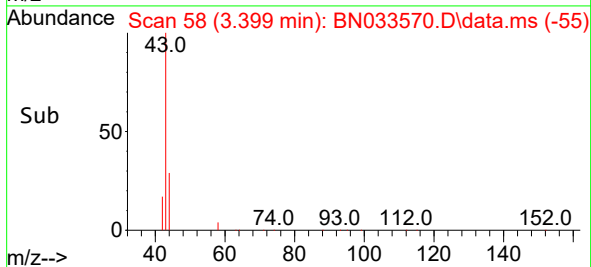
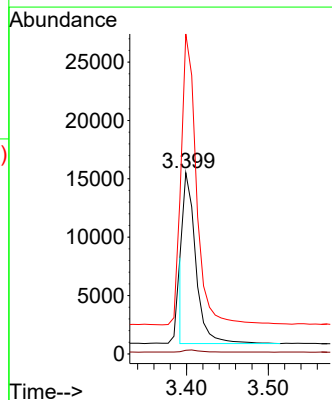
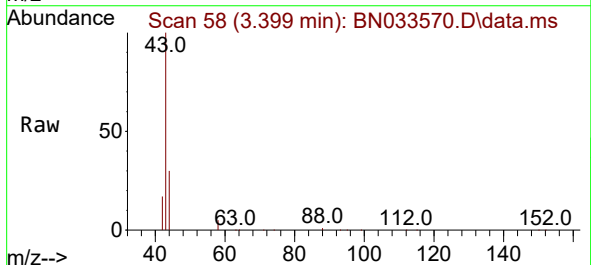


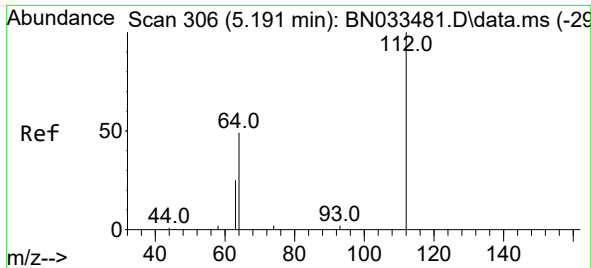
Tgt Ion:152 Resp: 7220
Ion Ratio Lower Upper
152 100
150 158.0 122.2 183.2
115 62.9 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 1.598 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion: 42 Resp: 15443
Ion Ratio Lower Upper
42 100
74 1.4 100.2 150.2#
44 176.9 5.3 7.9#

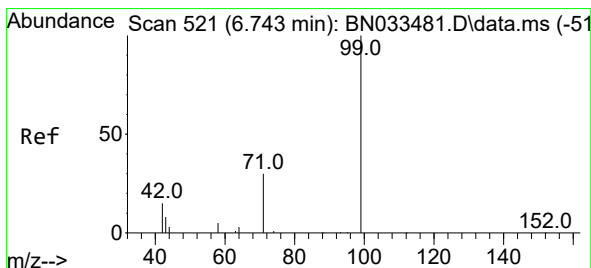
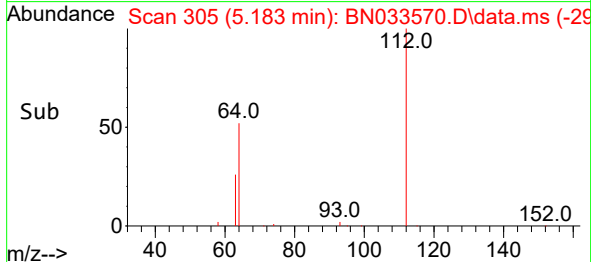
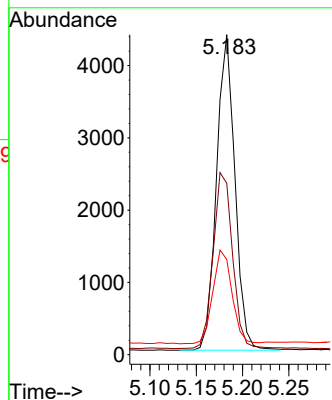
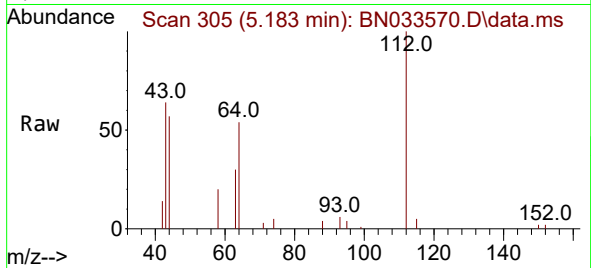




#4
2-Fluorophenol
Concen: 0.263 ng
RT: 5.183 min Scan# 30
Delta R.T. 0.007 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

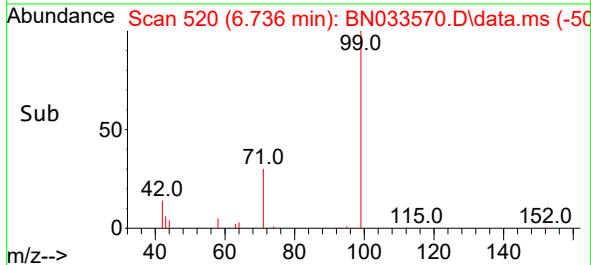
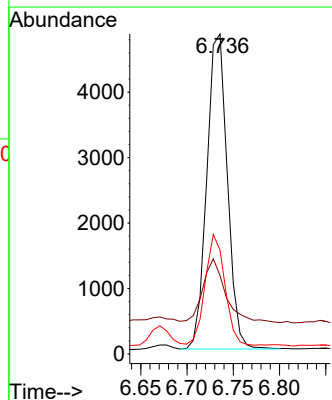
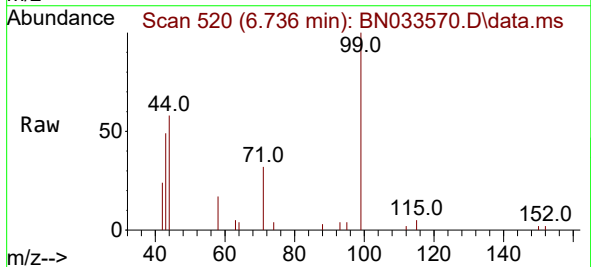
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

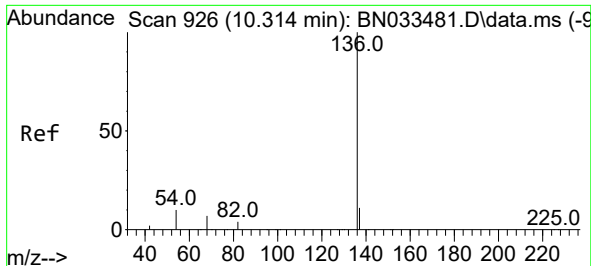
Tgt Ion:112 Resp: 6041
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 31.0 24.9 37.3



#5
Phenol-d6
Concen: 0.272 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion: 99 Resp: 7436
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 33.7 26.2 39.4

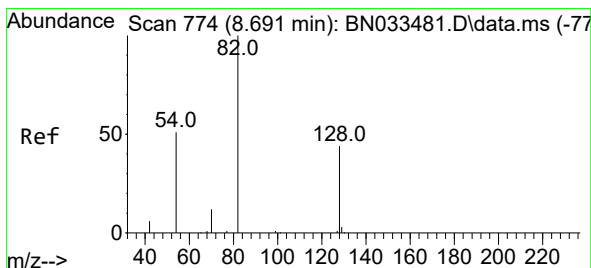
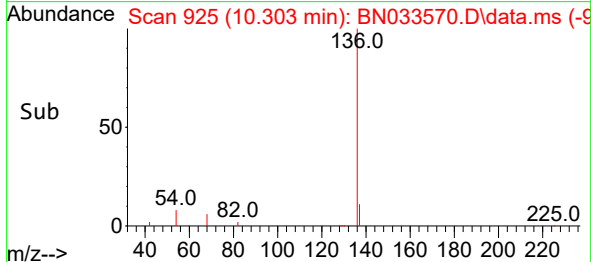
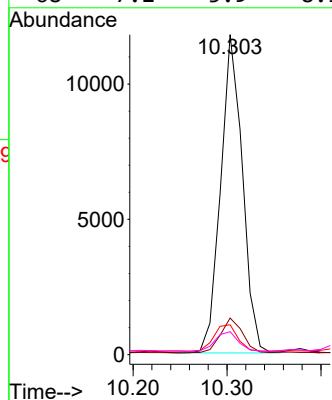
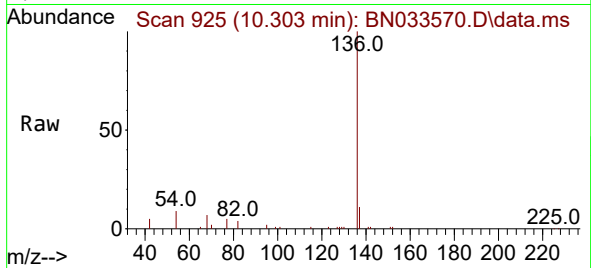




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 91
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

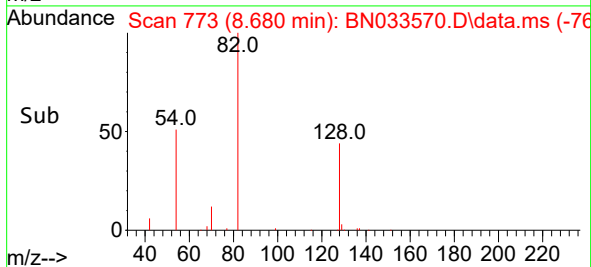
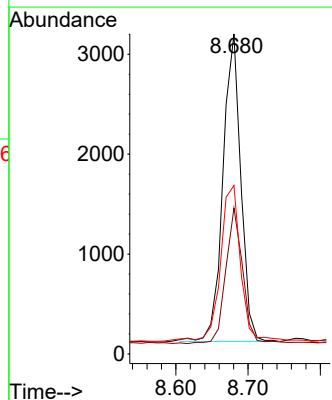
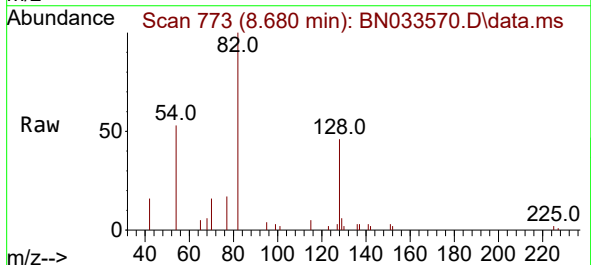
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

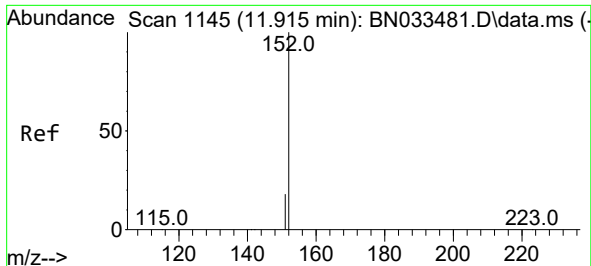
Tgt Ion:	136	Resp:	18938
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.3	8.3	12.5
68	7.2	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.680 min Scan# 773
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:	82	Resp:	5274
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.0	54.0
54	52.7	42.0	63.0

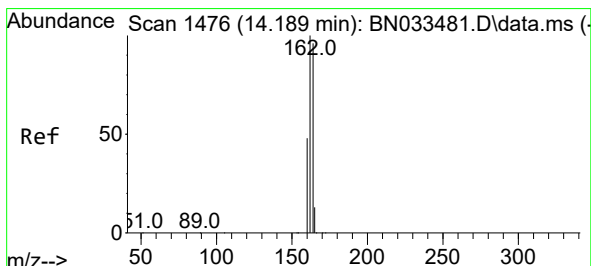
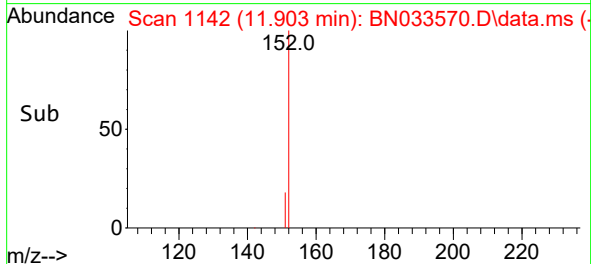
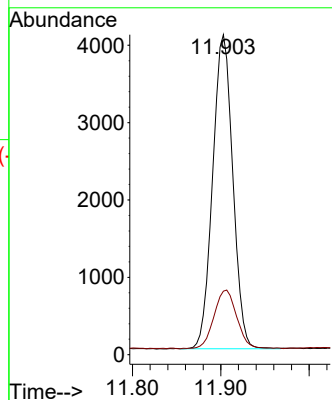
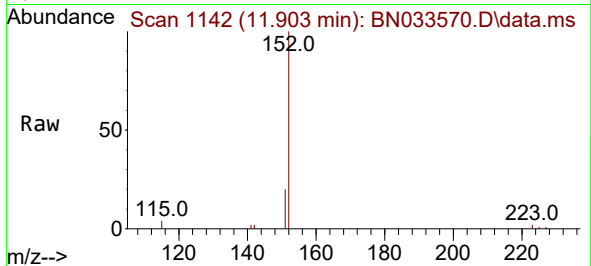




#11
2-Methylnaphthalene-d10
Concen: 0.237 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

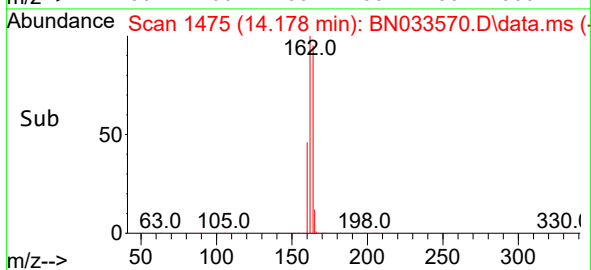
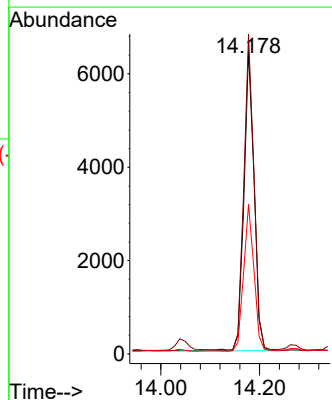
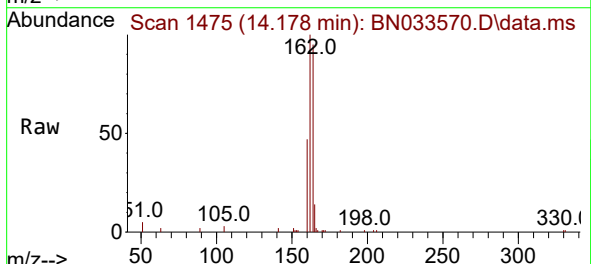
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

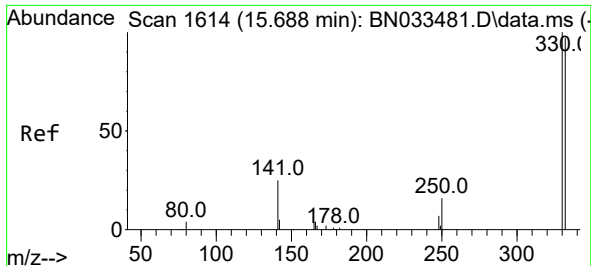
Tgt Ion:152 Resp: 6427
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

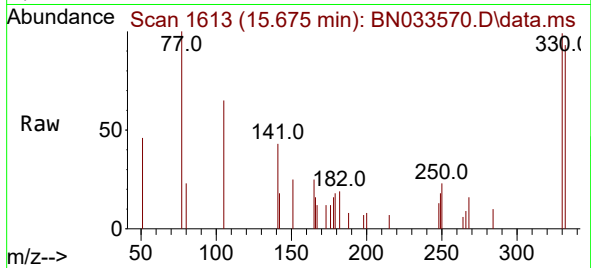
Tgt Ion:164 Resp: 9199
Ion Ratio Lower Upper
164 100
162 105.4 83.5 125.3
160 49.2 40.2 60.4



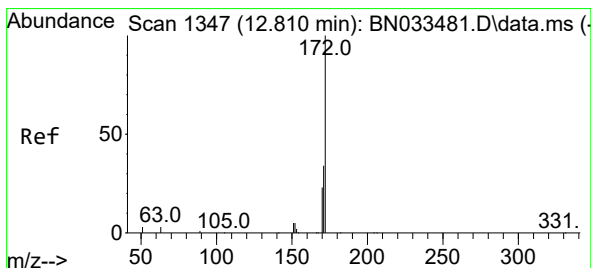
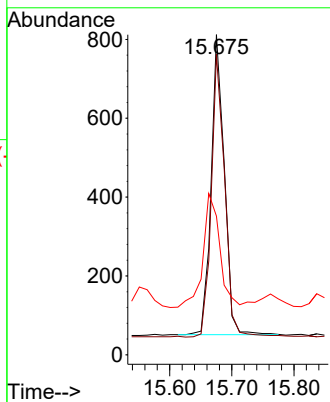
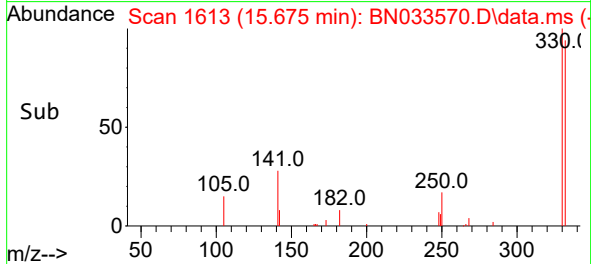


#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.675 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

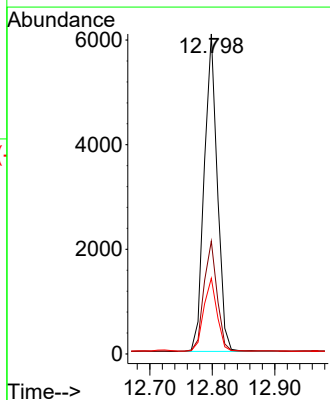
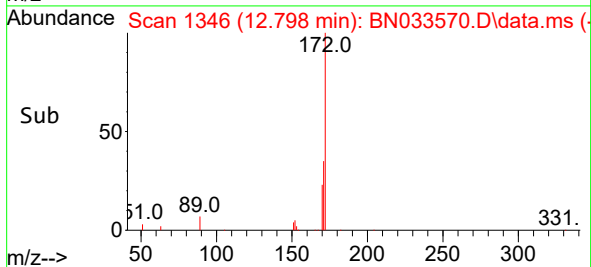
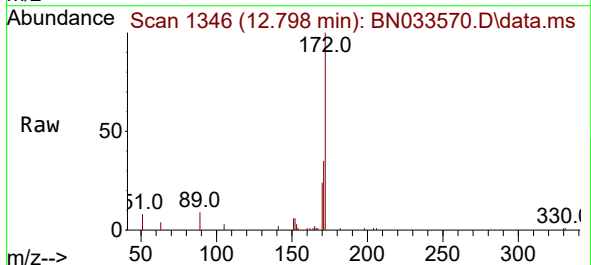


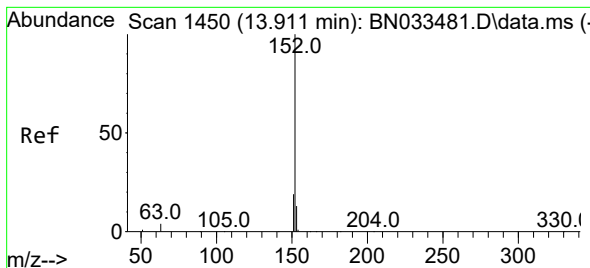
Tgt Ion:330 Resp: 1120
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 48.4 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 12.798 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:172 Resp: 8825
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.6 18.3 27.5





#16

Acenaphthylene

Concen: 0.053 ng

RT: 13.900 min Scan# 1450

Delta R.T. -0.001 min

Lab File: BN033570.D

Acq: 23 Aug 2024 02:17

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0.5-1-081924

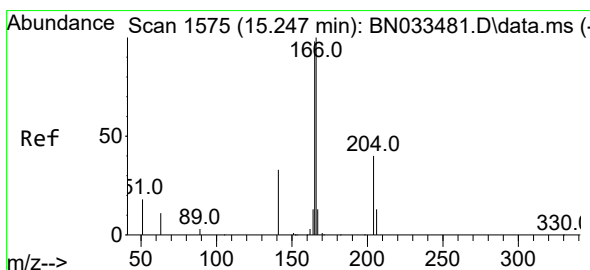
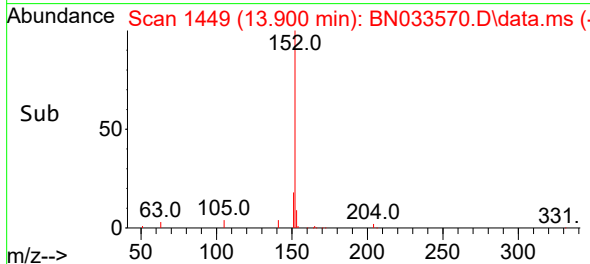
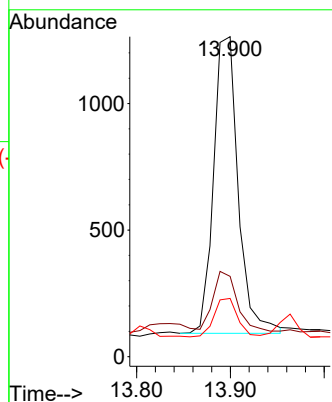
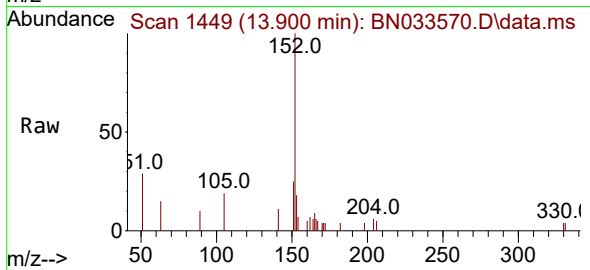
Tgt Ion:152 Resp: 2139

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 12.4 10.3 15.5



#18

Fluorene

Concen: 0.027 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.001 min

Lab File: BN033570.D

Acq: 23 Aug 2024 02:17

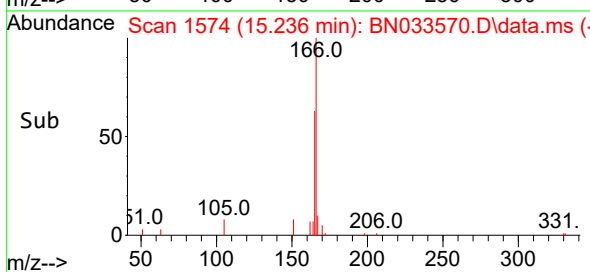
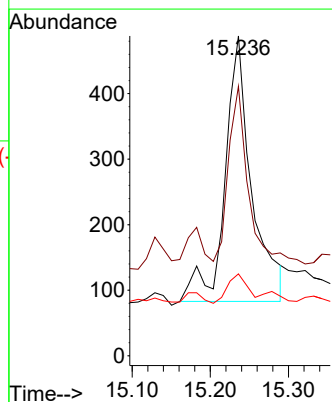
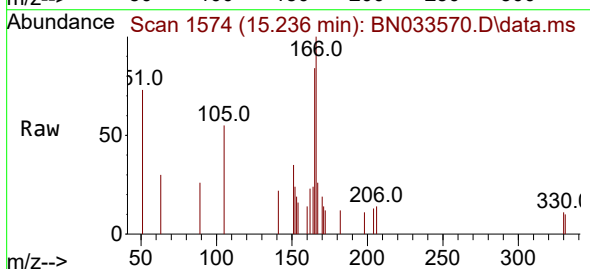
Tgt Ion:166 Resp: 961

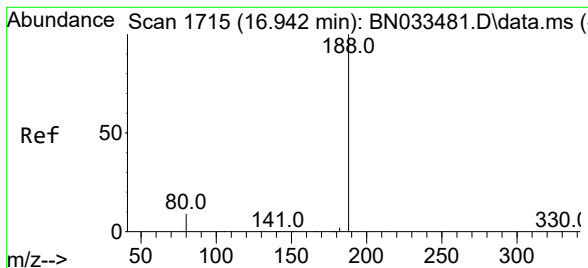
Ion Ratio Lower Upper

166 100

165 45.5 78.2 117.4#

167 9.3 10.6 16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BN033570.D

Acq: 23 Aug 2024 02:17

Instrument :

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ClientSampleId :

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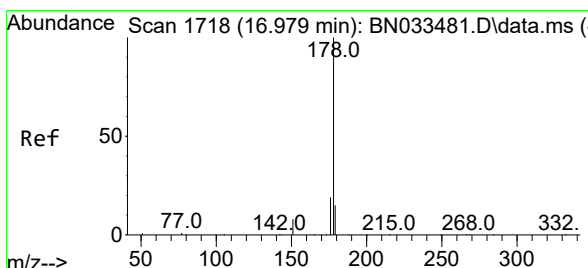
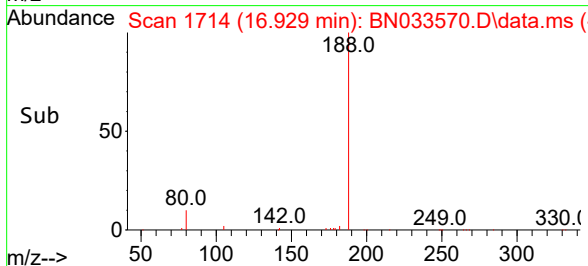
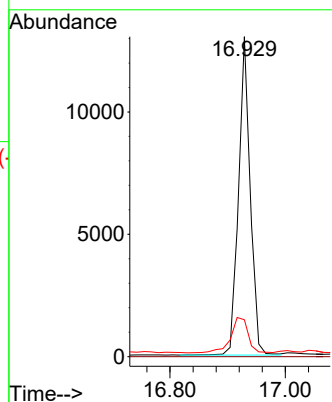
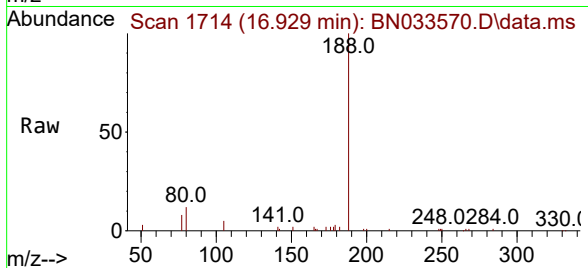
Tgt Ion:188 Resp: 18224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 7.8 11.8



#25

Phenanthrene

Concen: 0.221 ng

RT: 16.966 min Scan# 1717

Delta R.T. -0.001 min

Lab File: BN033570.D

Acq: 23 Aug 2024 02:17

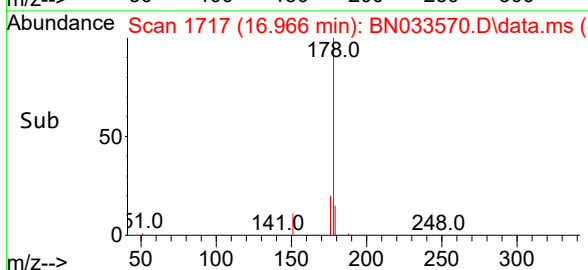
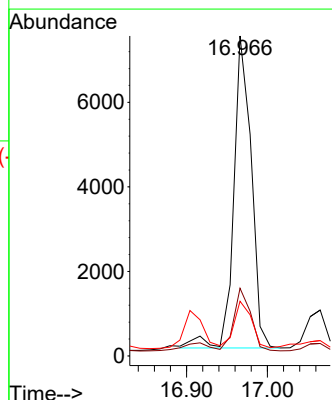
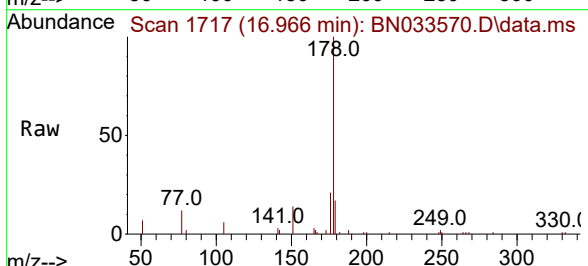
Tgt Ion:178 Resp: 11206

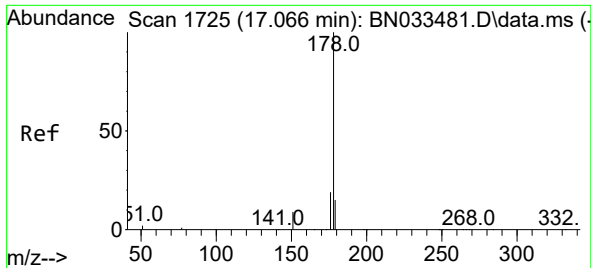
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 14.6 12.3 18.5

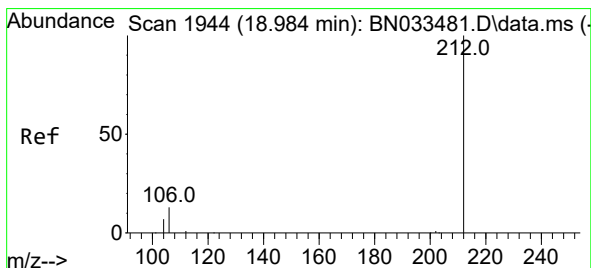
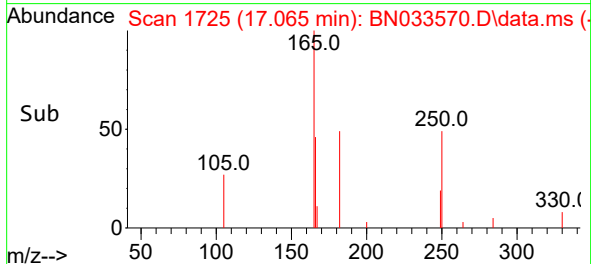
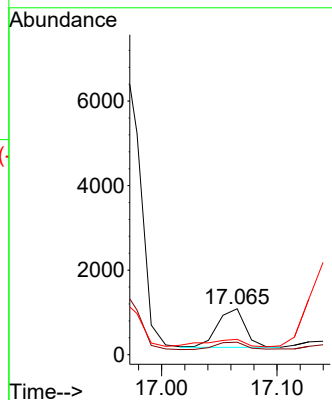
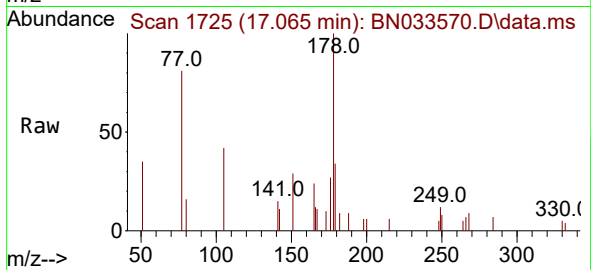




#26
Anthracene
Concen: 0.034 ng
RT: 17.065 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

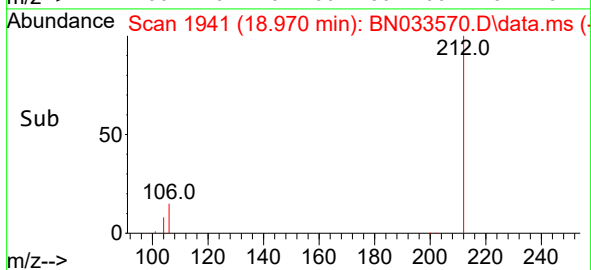
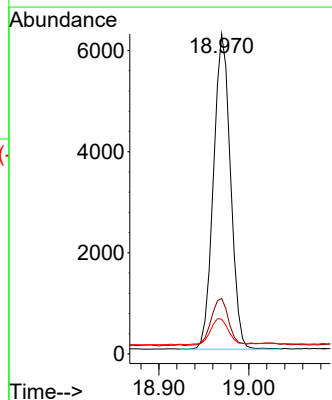
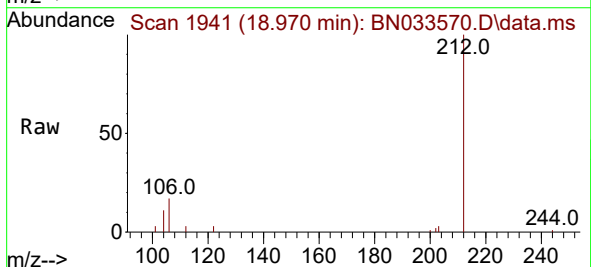
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

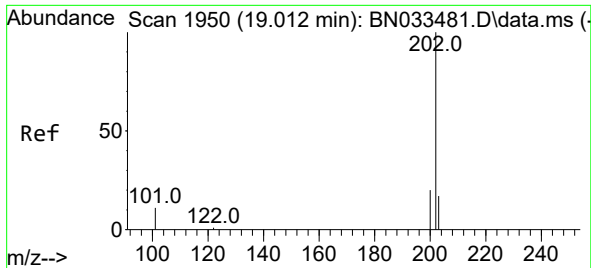
Tgt Ion:178 Resp: 1521
Ion Ratio Lower Upper
178 100
176 21.0 15.0 22.6
179 27.8 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:212 Resp: 8205
Ion Ratio Lower Upper
212 100
106 15.0 12.3 18.5
104 8.6 7.0 10.4

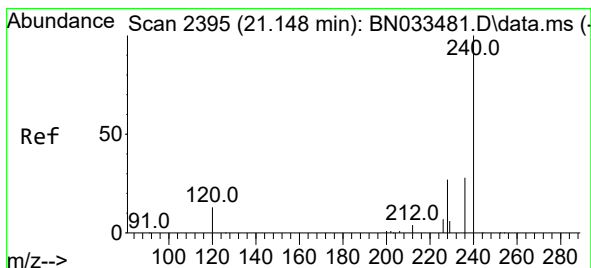
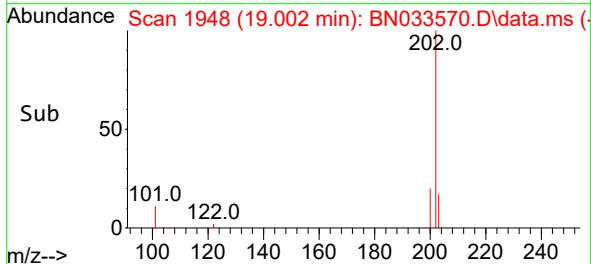
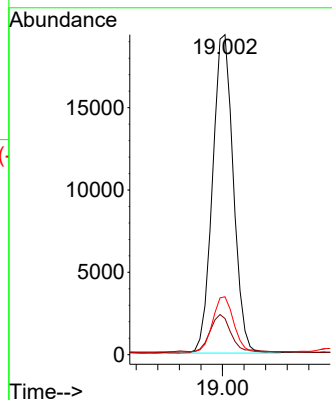
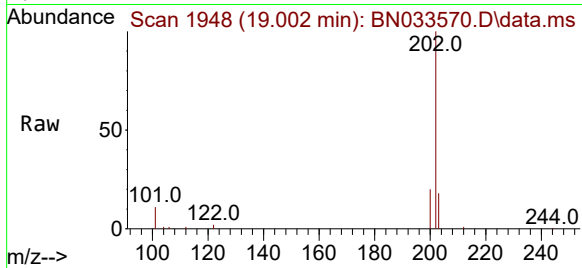




#28
Fluoranthene
Concen: 0.461 ng
RT: 19.002 min Scan# 1950
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

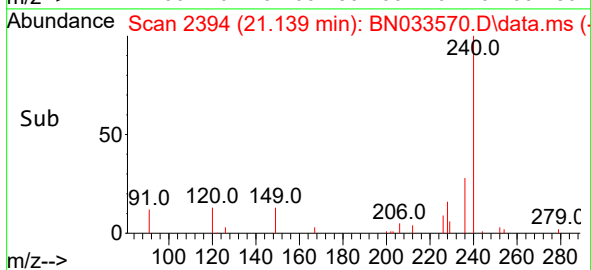
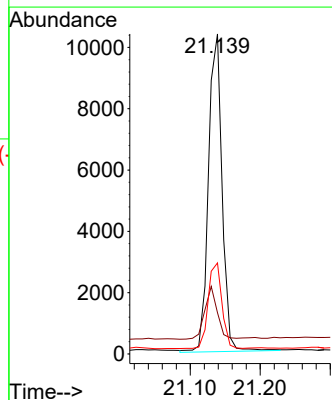
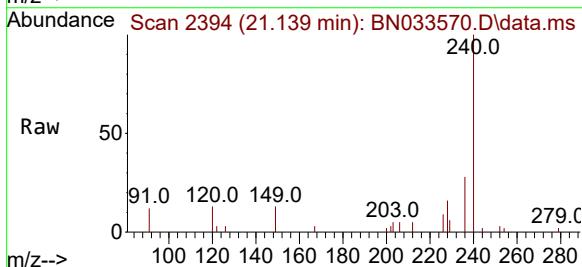
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

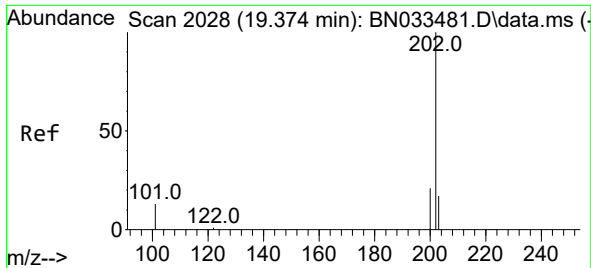
Tgt Ion:202 Resp: 25821
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
203 17.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:240 Resp: 14086
Ion Ratio Lower Upper
240 100
120 12.9 12.4 18.6
236 28.4 23.0 34.6

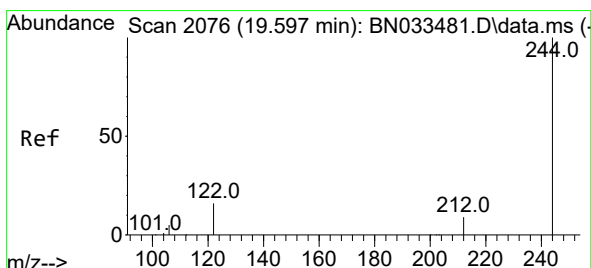
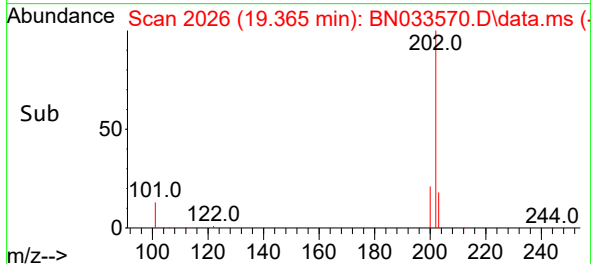
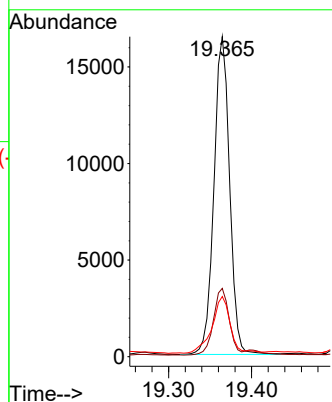
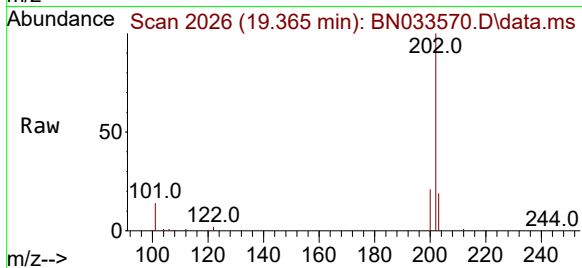




#30
 Pyrene
 Concen: 0.343 ng
 RT: 19.365 min Scan# 2028
 Delta R.T. -0.001 min
 Lab File: BN033570.D
 Acq: 23 Aug 2024 02:17

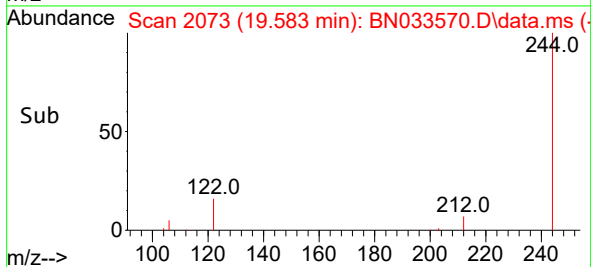
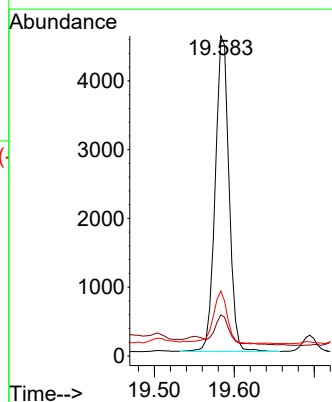
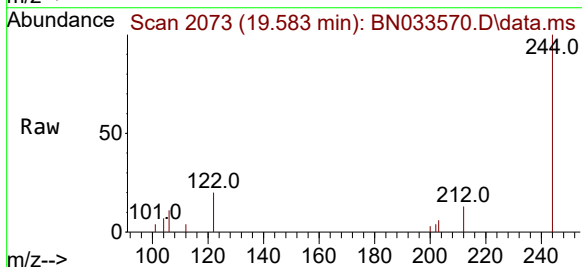
Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924

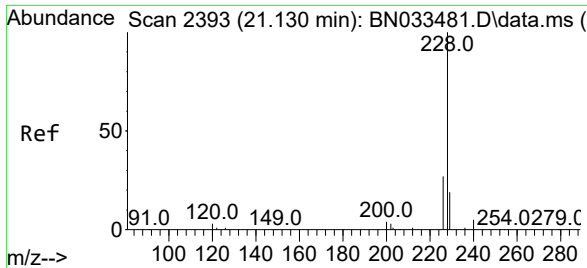
Tgt Ion:202 Resp: 21592
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 20.9 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.171 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.001 min
 Lab File: BN033570.D
 Acq: 23 Aug 2024 02:17

Tgt Ion:244 Resp: 5479
 Ion Ratio Lower Upper
 244 100
 212 12.8 7.8 11.6#
 122 20.3 13.3 19.9#

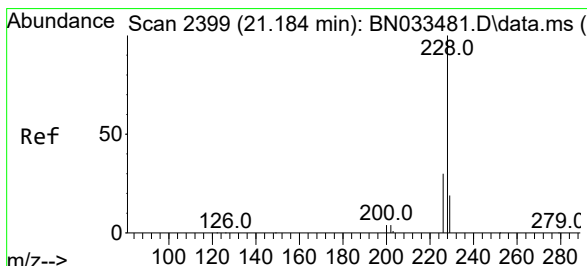
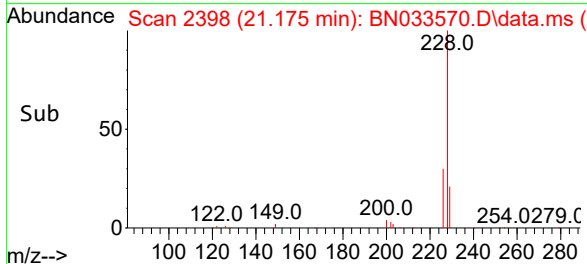
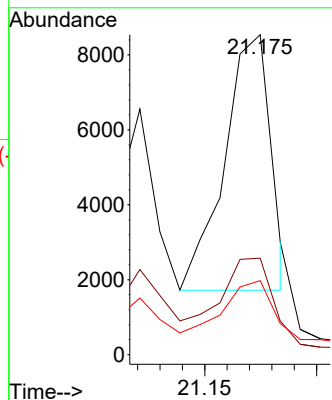
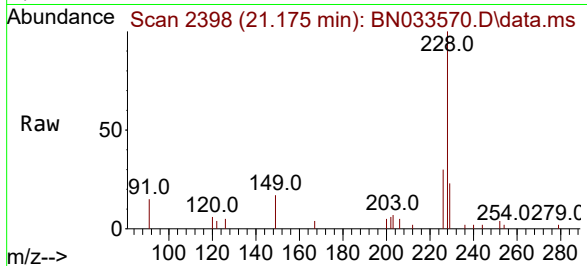




#32
Benzo(a)anthracene
Concen: 0.192 ng
RT: 21.175 min Scan# 21175
Delta R.T. 0.053 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

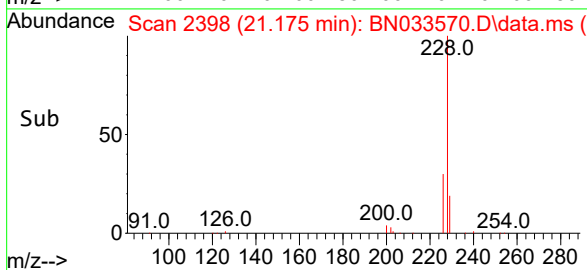
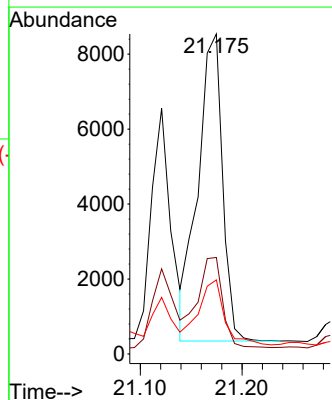
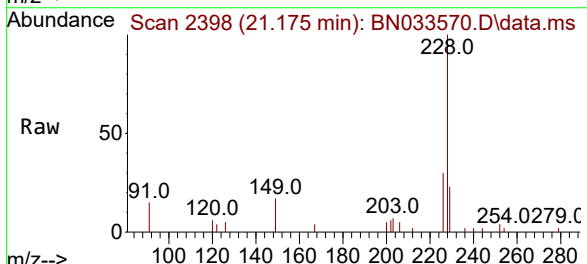
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

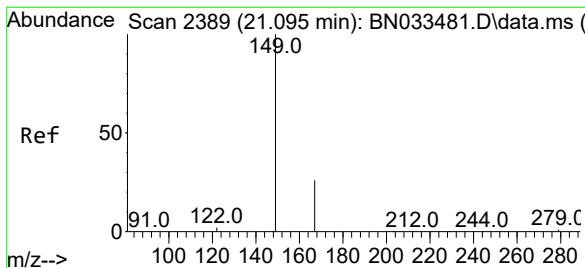
Tgt Ion:	228	Resp:	9801
Ion Ratio	Lower	Upper	
228	100		
226	30.2	21.8	32.6
229	23.2	15.8	23.6



#33
Chrysene
Concen: 0.272 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:	228	Resp:	13750
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	23.2	15.6	23.4

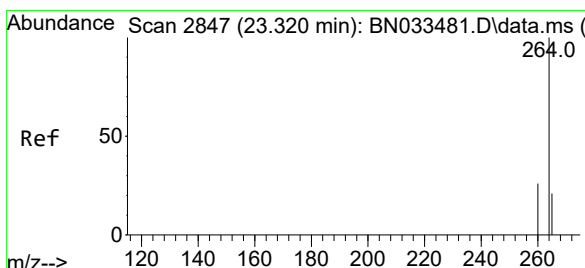
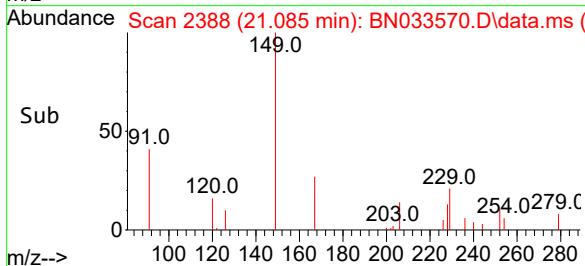
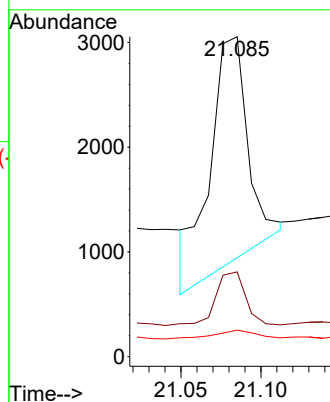
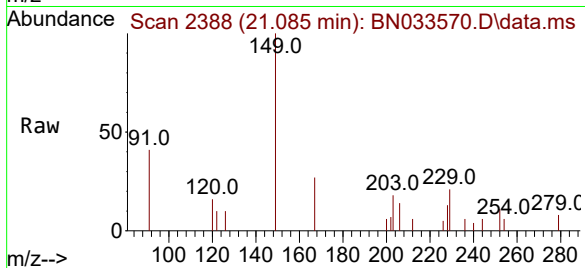




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.085 min Scan# 21088
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

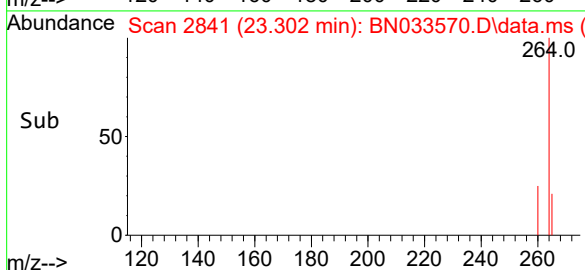
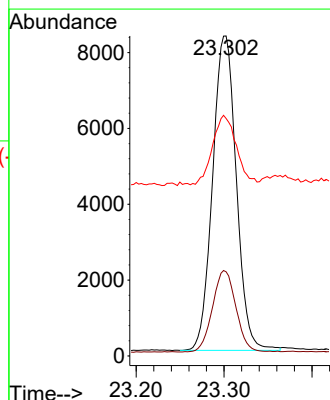
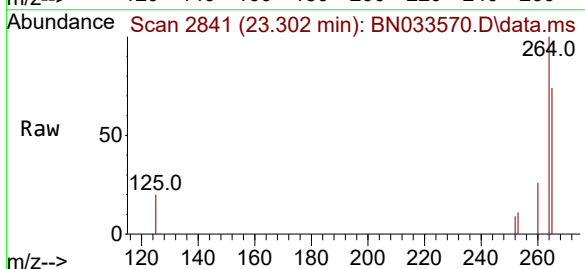
Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

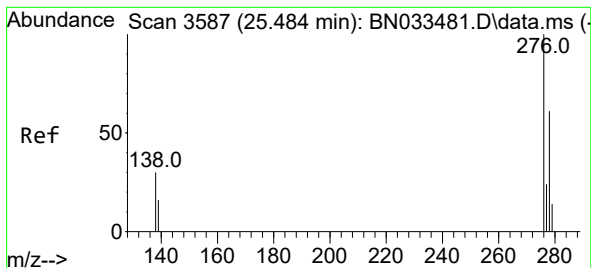
Tgt Ion:149 Resp: 3635
Ion Ratio Lower Upper
149 100
167 25.9 21.5 32.3
279 7.3 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.302 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:264 Resp: 15519
Ion Ratio Lower Upper
264 100
260 26.3 20.8 31.2
265 74.2 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.165 ng

RT: 25.448 min Scan# 3

Delta R.T. -0.001 min

Lab File: BN033570.D

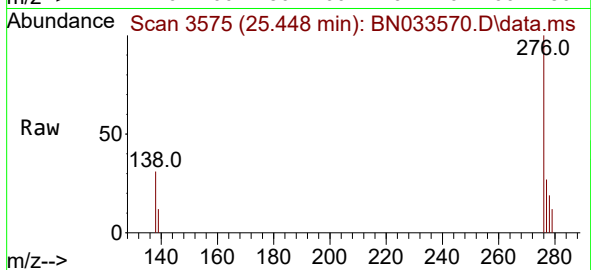
Acq: 23 Aug 2024 02:17

Instrument :

BNA_N

ClientSampleId :

S-928-K1-SO-0.5-1-081924



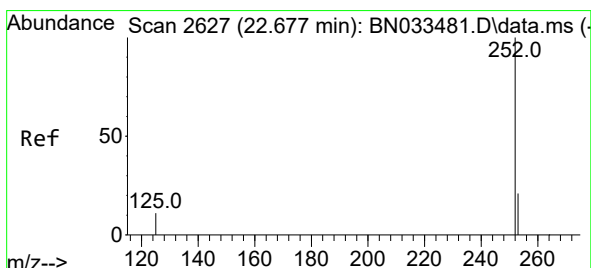
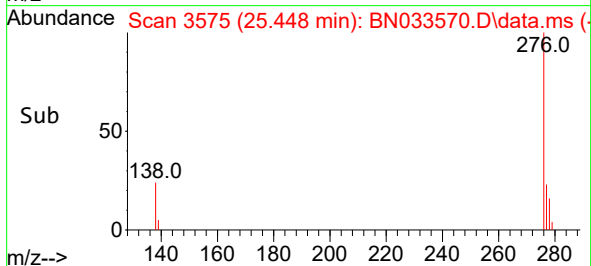
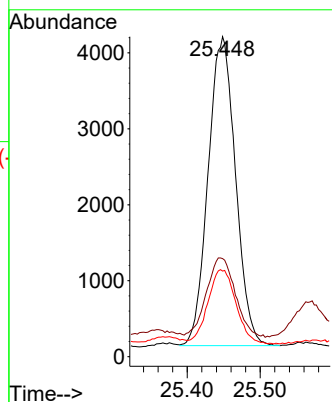
Tgt Ion:276 Resp: 10627

Ion Ratio Lower Upper

276 100

138 26.9 24.4 36.6

277 24.3 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.359 ng

RT: 22.659 min Scan# 2621

Delta R.T. -0.001 min

Lab File: BN033570.D

Acq: 23 Aug 2024 02:17

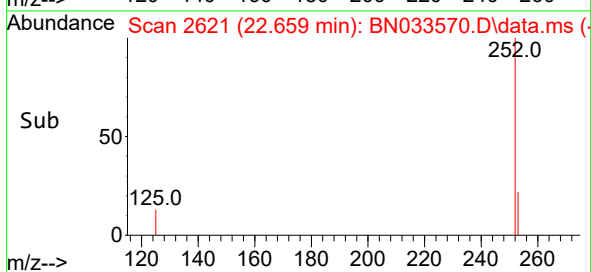
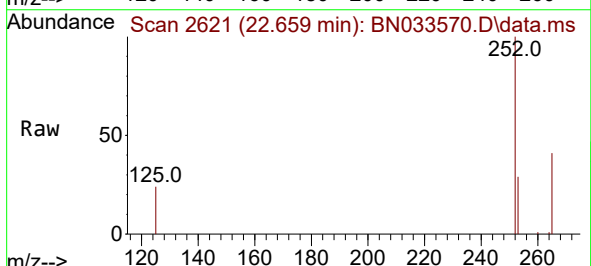
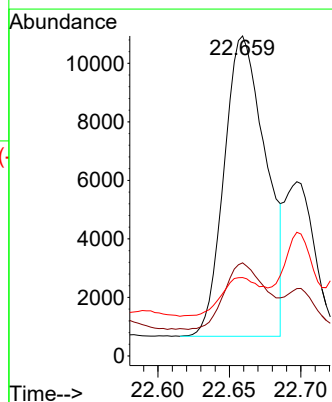
Tgt Ion:252 Resp: 20808

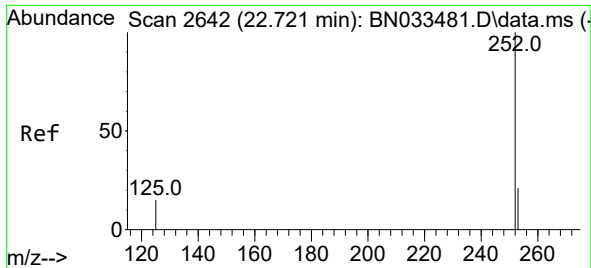
Ion Ratio Lower Upper

252 100

253 29.1 19.8 29.8

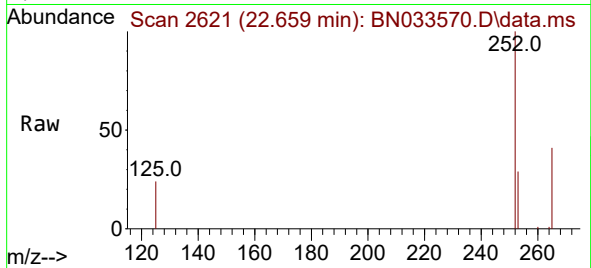
125 24.5 13.9 20.9#



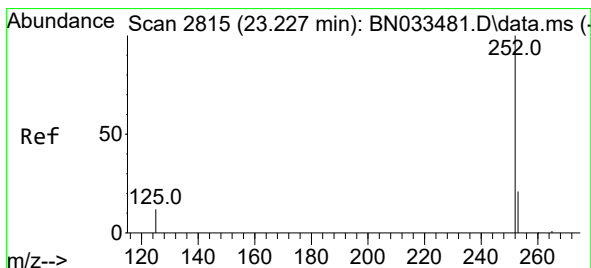
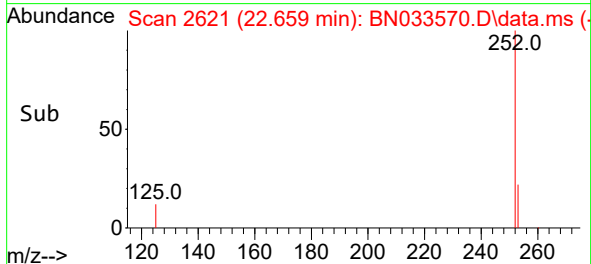
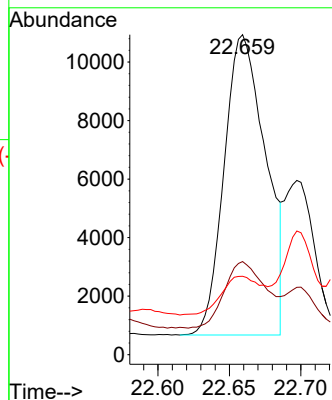


#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.659 min Scan# 2080
Delta R.T. -0.044 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

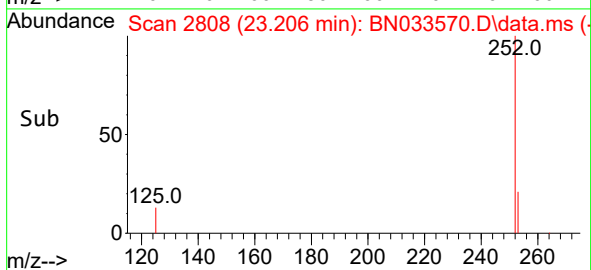
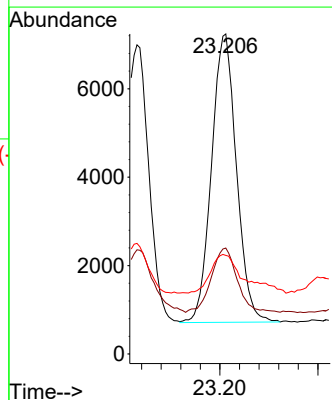
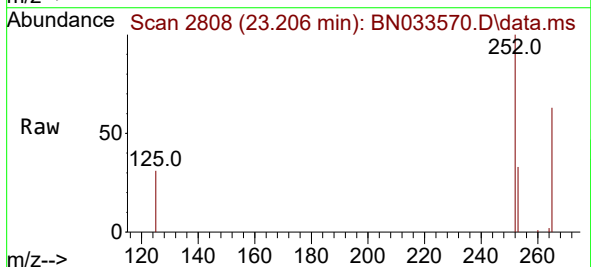


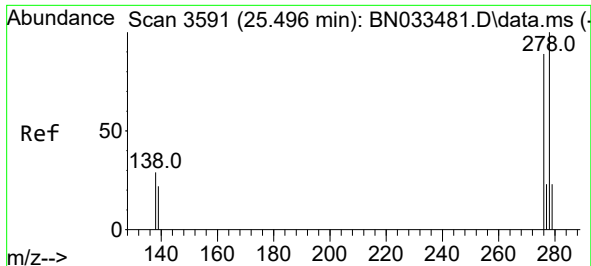
Tgt Ion:252 Resp: 20808
Ion Ratio Lower Upper
252 100
253 29.1 19.8 29.8
125 24.5 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.240 ng
RT: 23.206 min Scan# 2808
Delta R.T. -0.003 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:252 Resp: 11527
Ion Ratio Lower Upper
252 100
253 33.1 21.5 32.3#
125 30.8 17.0 25.4#

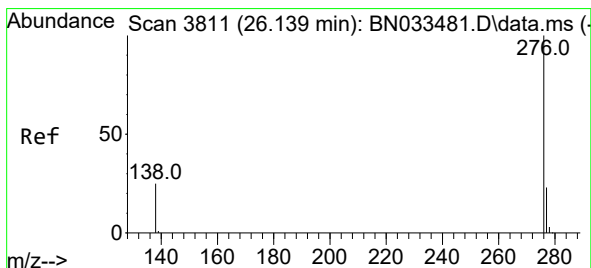
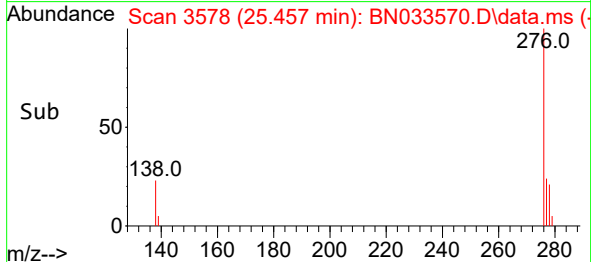
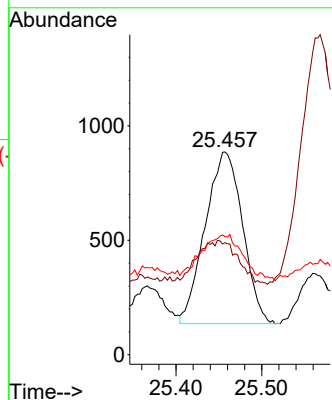
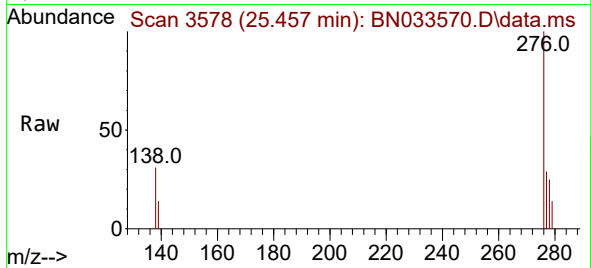




#40
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 25.457 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Instrument :
BNA_N
ClientSampleId :
S-928-K1-SO-0.5-1-081924

Tgt Ion:278 Resp: 2278
Ion Ratio Lower Upper
278 100
139 55.3 19.1 28.7#
279 58.2 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.203 ng
RT: 26.100 min Scan# 3798
Delta R.T. -0.003 min
Lab File: BN033570.D
Acq: 23 Aug 2024 02:17

Tgt Ion:276 Resp: 11177
Ion Ratio Lower Upper
276 100
277 26.8 19.7 29.5
138 32.1 21.8 32.6

