

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033604.D
 Acq On : 24 Aug 2024 00:31
 Operator : MA/JU
 Sample : P3707-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

Quant Time: Aug 24 02:20:24 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)

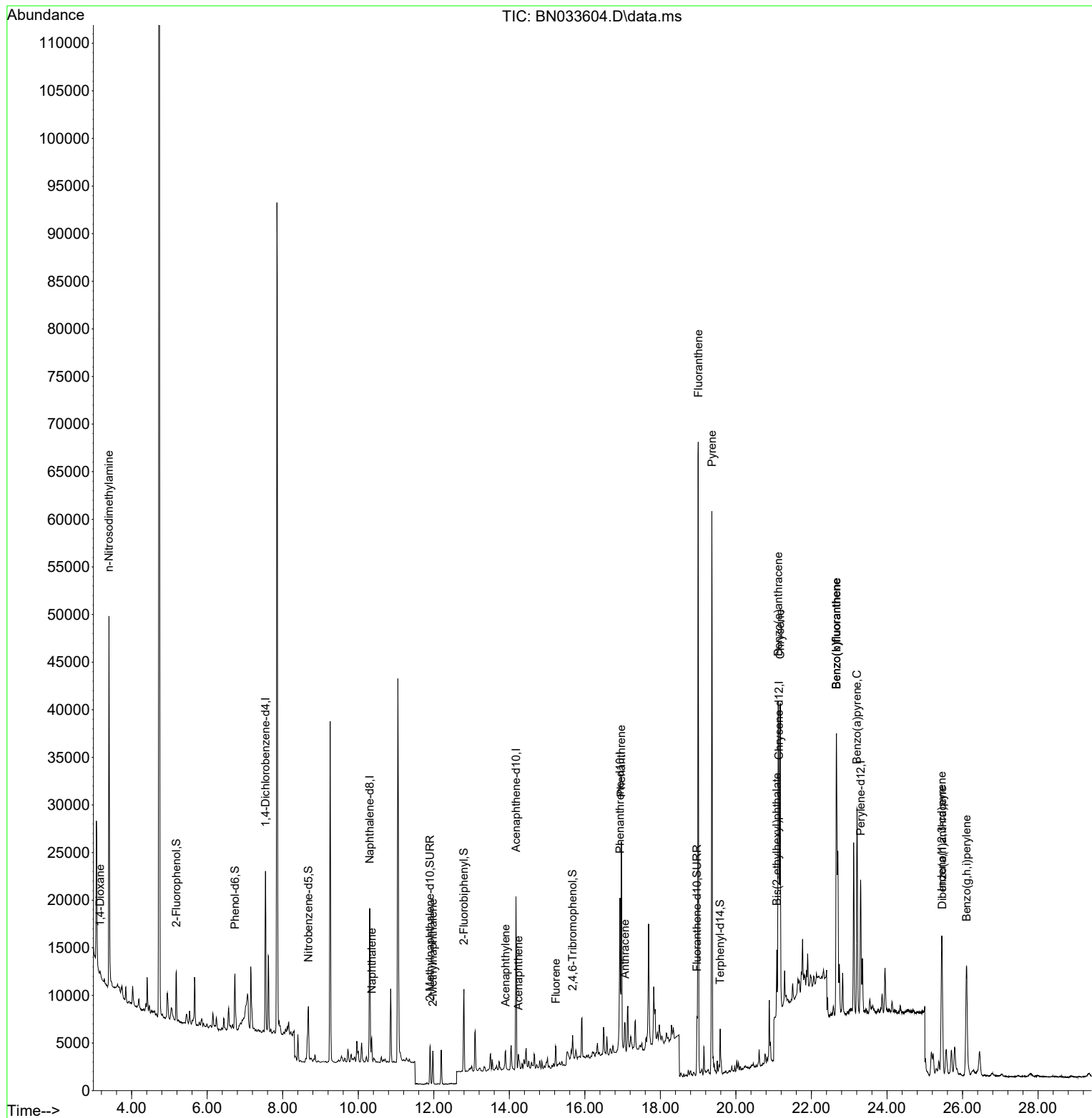
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7563	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	19872	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9527	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18770	0.400	ng	0.00
29) Chrysene-d12	21.139	240	14950	0.400	ng	0.00
35) Perylene-d12	23.302	264	16678	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3869	0.161	ng	0.00
5) Phenol-d6	6.736	99	5036	0.176	ng	0.00
8) Nitrobenzene-d5	8.680	82	4501	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	5440	0.191	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	959	0.187	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	6988	0.180	ng	0.00
27) Fluoranthene-d10	18.970	212	6401	0.142	ng	0.00
31) Terphenyl-d14	19.583	244	4200	0.124	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	192	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.399	42	4694	0.464	ng	# 1
9) Naphthalene	10.357	128	3284	0.062	ng	# 92
12) 2-Methylnaphthalene	11.975	142	2375	0.071	ng	# 94
16) Acenaphthylene	13.900	152	2154	0.052	ng	# 95
17) Acenaphthene	14.242	154	673	0.023	ng	# 88
18) Fluorene	15.236	166	1001	0.027	ng	# 96
25) Phenanthrene	16.966	178	21692	0.415	ng	98
26) Anthracene	17.065	178	3286	0.071	ng	# 92
28) Fluoranthene	19.002	202	58358	1.011	ng	100
30) Pyrene	19.365	202	51133	0.766	ng	# 95
32) Benzo(a)anthracene	21.121	228	24006	0.444	ng	95
33) Chrysene	21.175	228	31864	0.593	ng	97
34) Bis(2-ethylhexyl)phtha...	21.085	149	7043	0.206	ng	# 57
36) Indeno(1,2,3-cd)pyrene	25.451	276	22379	0.323	ng	# 94
37) Benzo(b)fluoranthene	22.662	252	44204	0.710	ng	98
38) Benzo(k)fluoranthene	22.662	252	44204	0.721	ng	97
39) Benzo(a)pyrene	23.206	252	28343	0.550	ng	100
40) Dibenzo(a,h)anthracene	25.463	278	5212	0.094	ng	# 67
41) Benzo(g,h,i)perylene	26.106	276	22280	0.376	ng	99

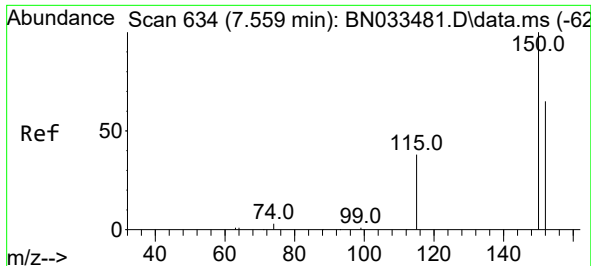
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033604.D
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S-929-K1-SO-0-0.5-082024

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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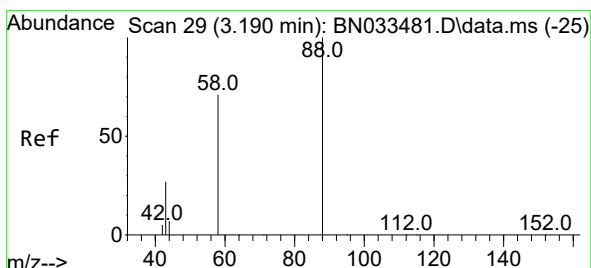
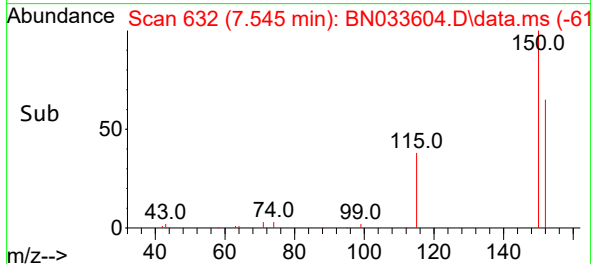
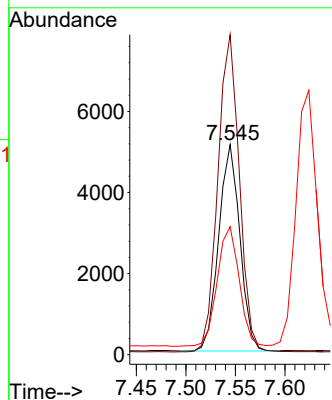
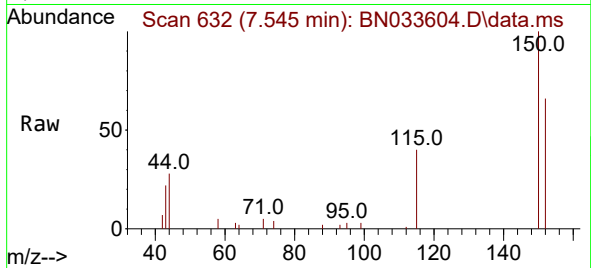




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

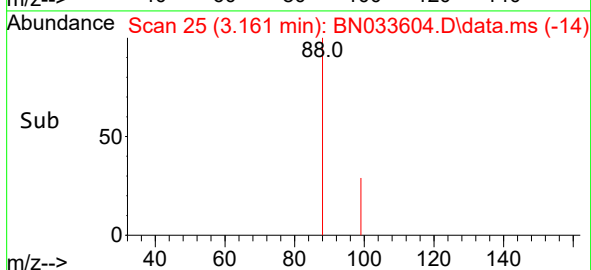
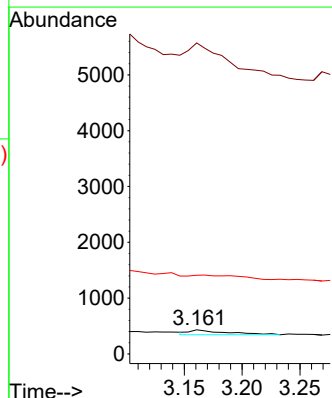
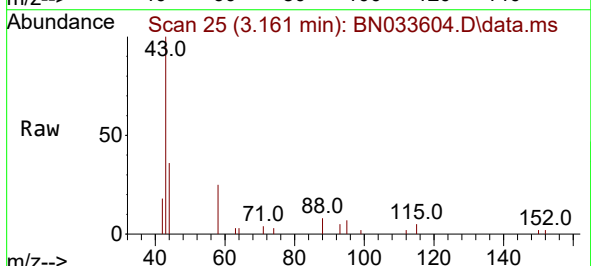
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

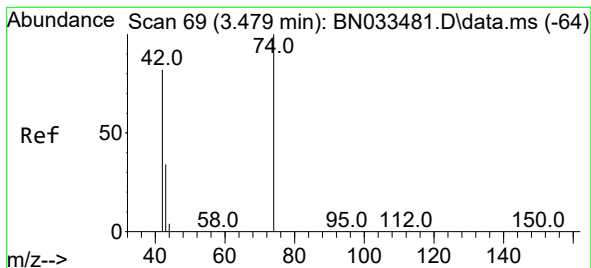
Tgt Ion:152 Resp: 7563
Ion Ratio Lower Upper
152 100
150 152.3 122.2 183.2
115 61.0 47.2 70.8



#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.022 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion: 88 Resp: 192
Ion Ratio Lower Upper
88 100
43 895.3 25.0 37.4#
58 0.0 62.5 93.7#

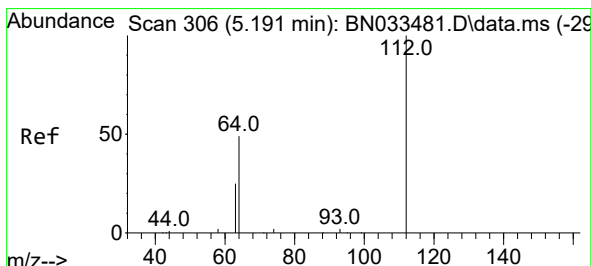
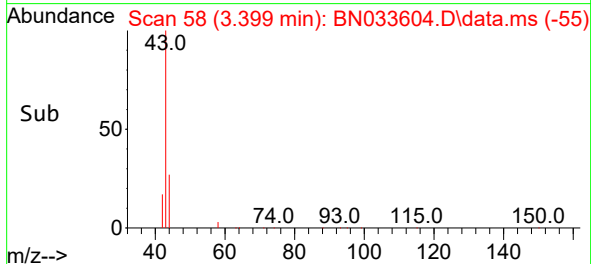
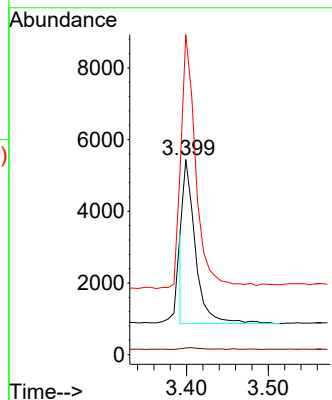
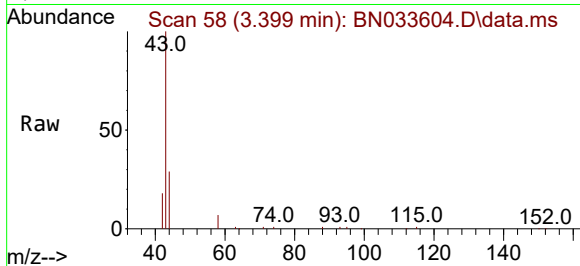




#3
n-Nitrosodimethylamine
Concen: 0.464 ng
RT: 3.399 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

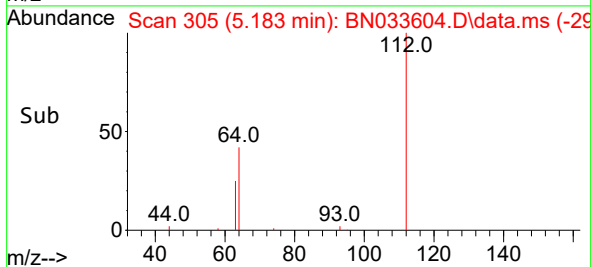
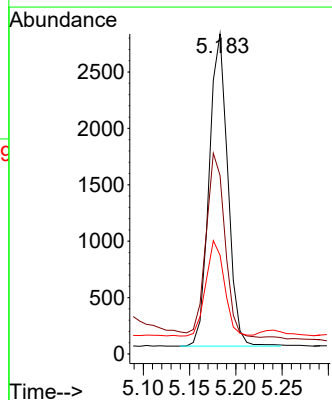
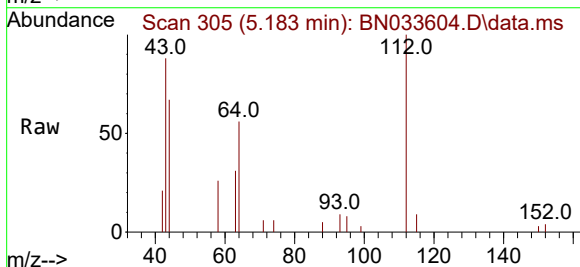
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BNA_N
ClientSampleId :
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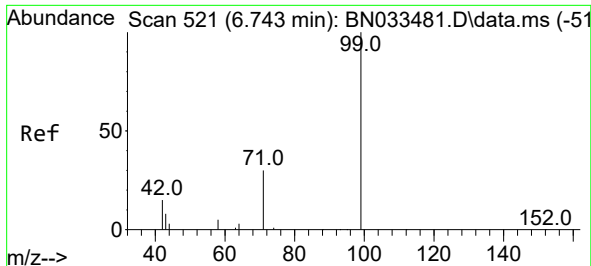
Tgt Ion: 42 Resp: 4694
Ion Ratio Lower Upper
42 100
74 1.6 100.2 150.2#
44 154.0 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion: 112 Resp: 3869
Ion Ratio Lower Upper
112 100
64 59.7 47.1 70.7
63 30.4 24.9 37.3

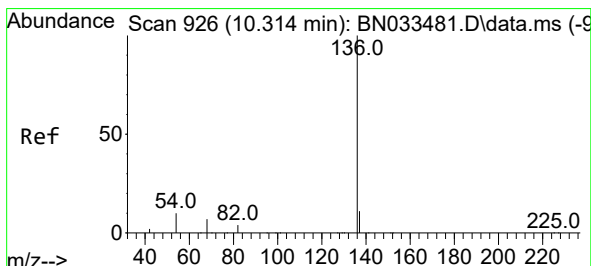
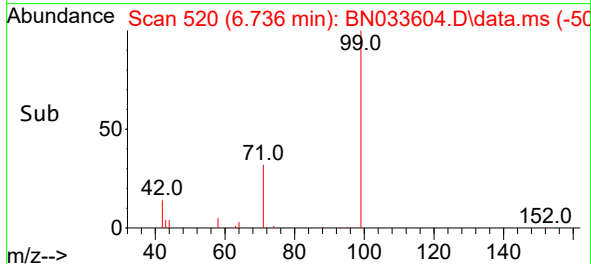
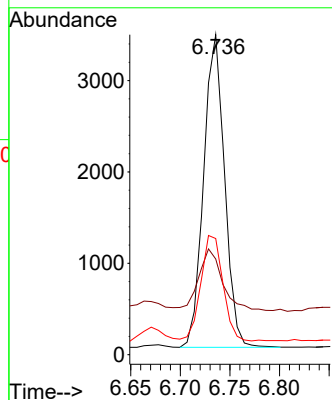
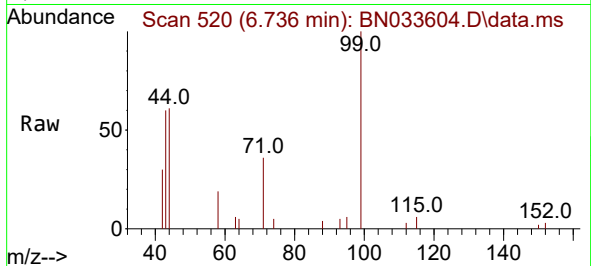




#5
Phenol-d6
Concen: 0.176 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

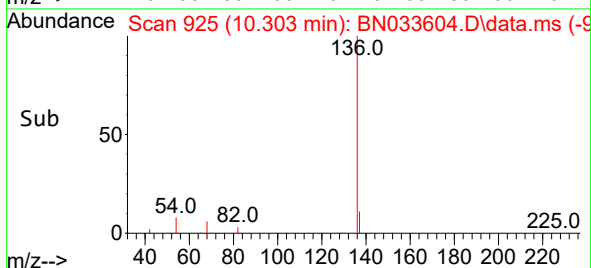
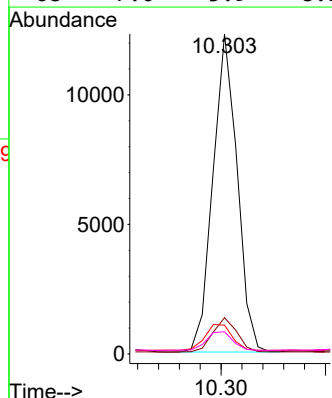
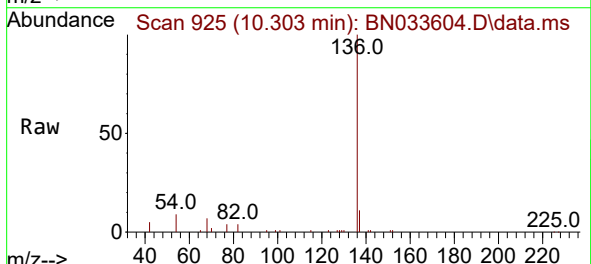
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

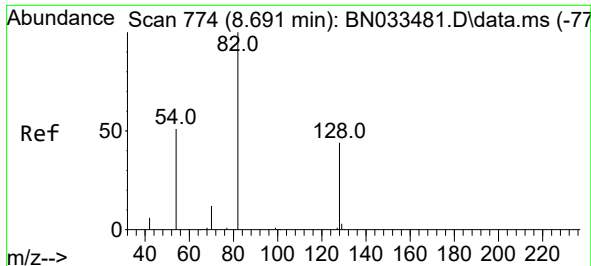
Tgt Ion: 99 Resp: 5036
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 35.5 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 925
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion: 136 Resp: 19872
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.0 8.3 12.5
68 7.0 5.9 8.9

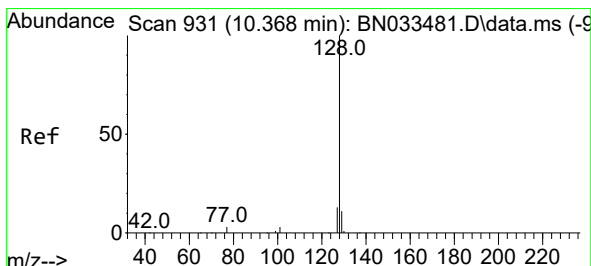
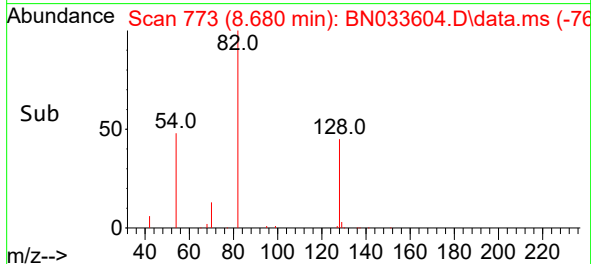
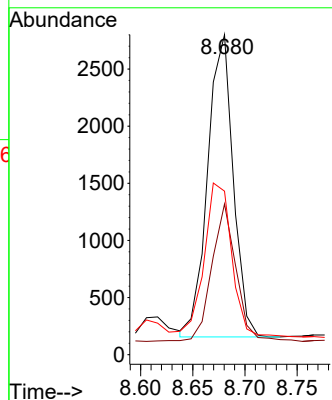
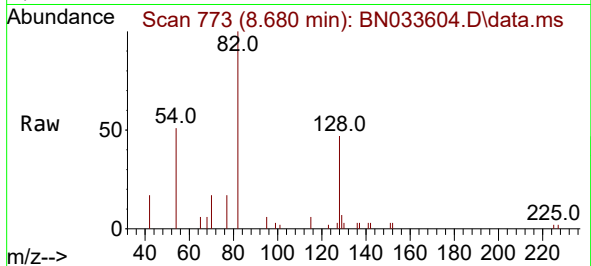




#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.680 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

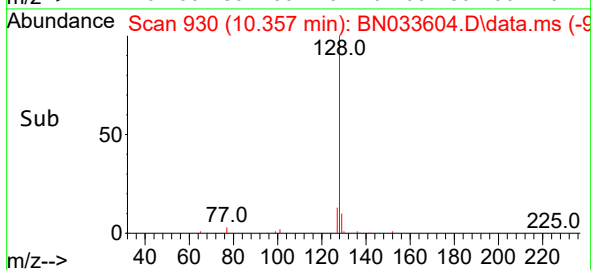
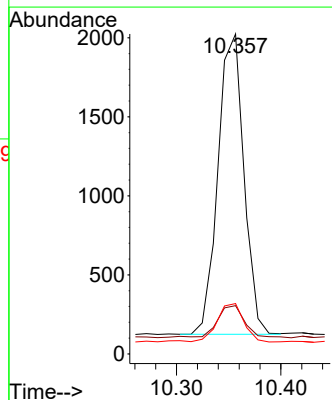
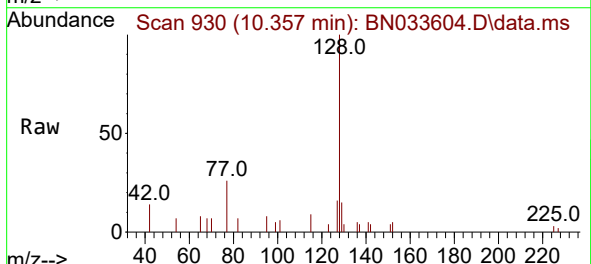
Instrument :
BNA_N
ClientSampleId :
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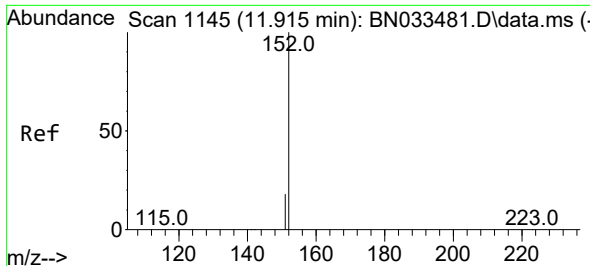
Tgt Ion: 82 Resp: 4501
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 51.1 42.0 63.0



#9
Naphthalene
Concen: 0.062 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion: 128 Resp: 3284
Ion Ratio Lower Upper
128 100
129 15.1 9.1 13.7#
127 15.8 10.7 16.1

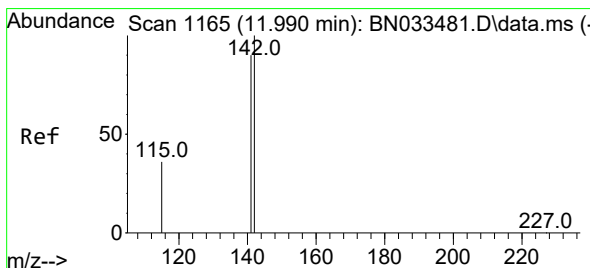
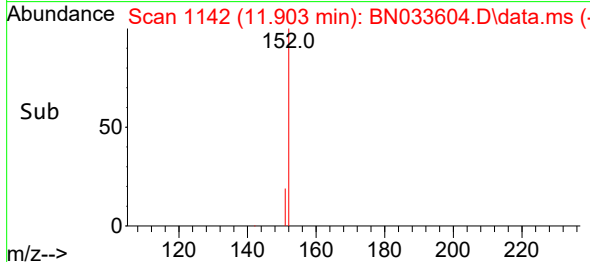
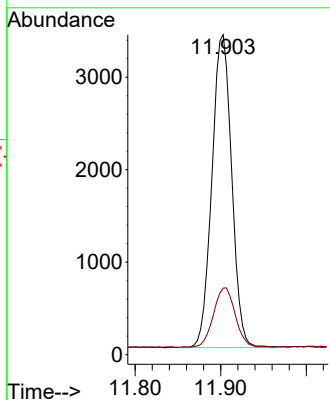
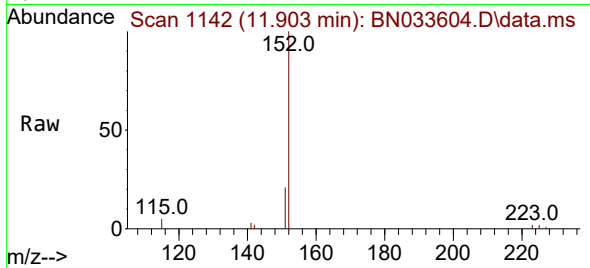




#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 11.903 min Scan# 1145
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

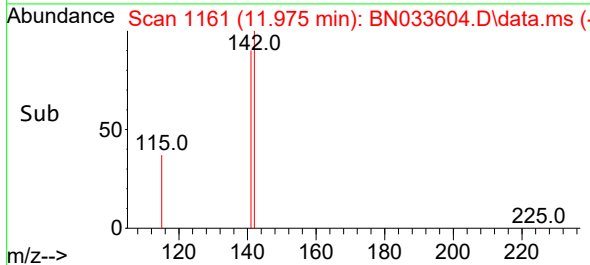
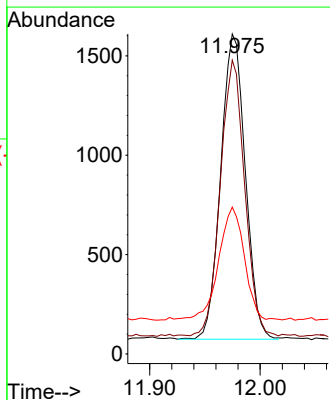
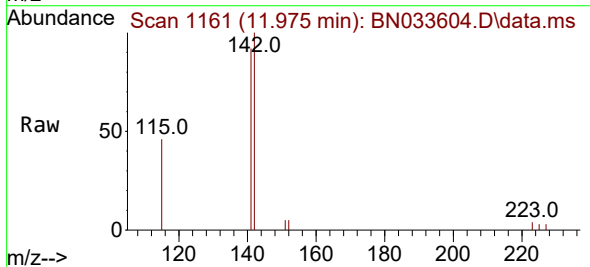
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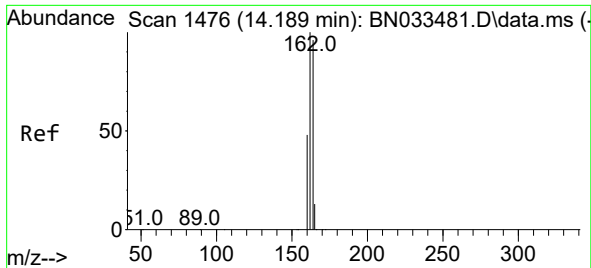
Tgt Ion:152 Resp: 5440
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.071 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:142 Resp: 2375
Ion Ratio Lower Upper
142 100
141 91.8 71.7 107.5
115 45.9 29.4 44.2#

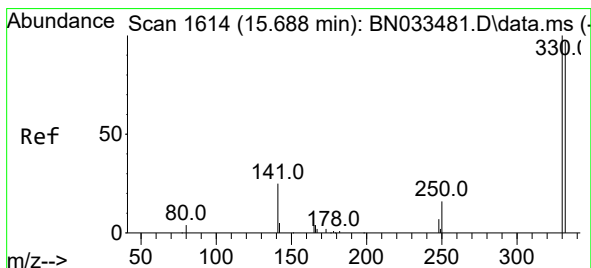
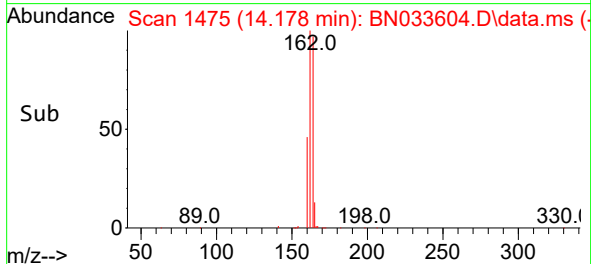
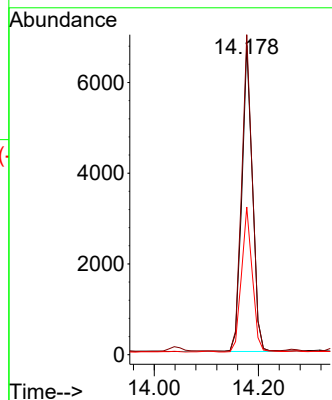
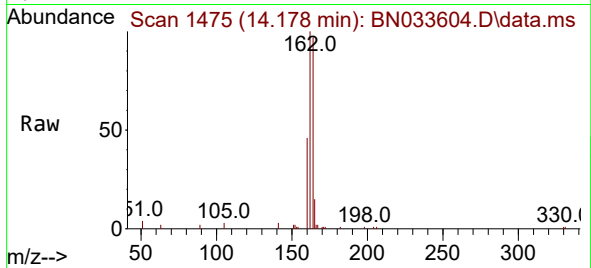




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1476
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

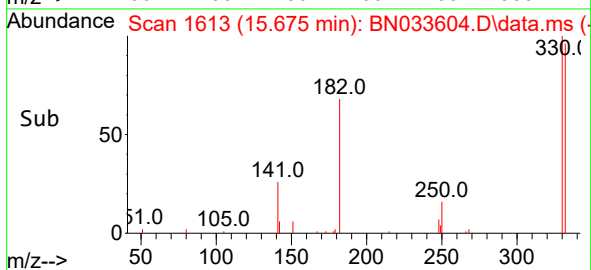
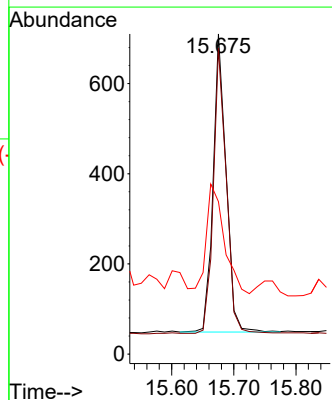
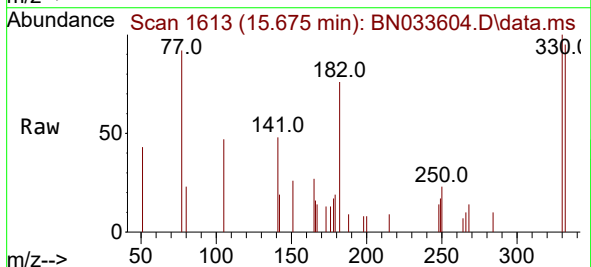
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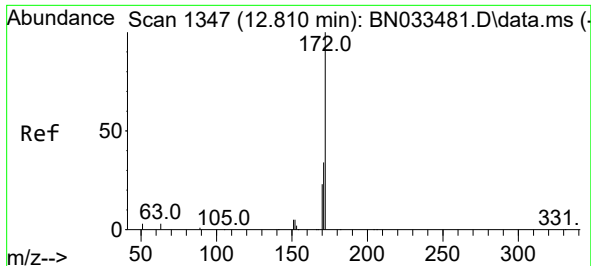
Tgt Ion:164 Resp: 9527
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 47.8 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.675 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:330 Resp: 959
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 50.8 33.9 50.9

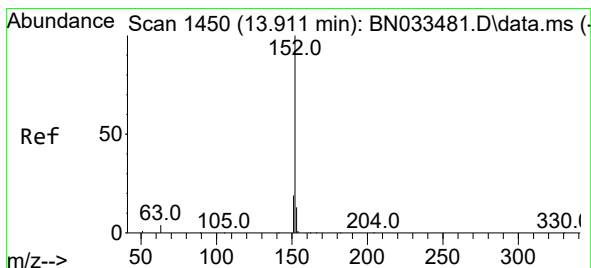
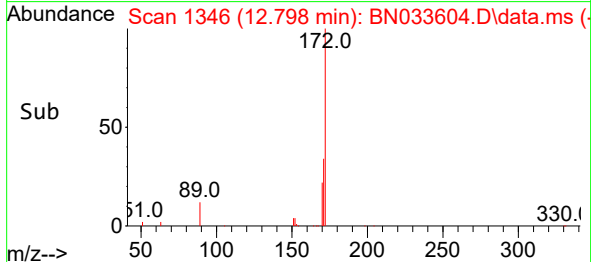
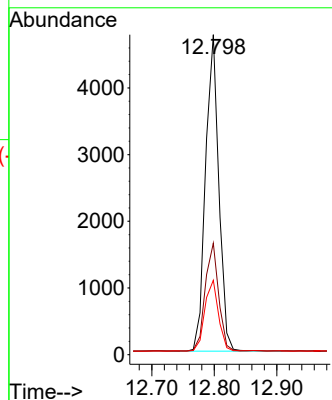
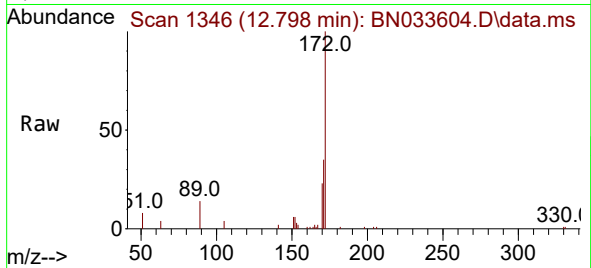




#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

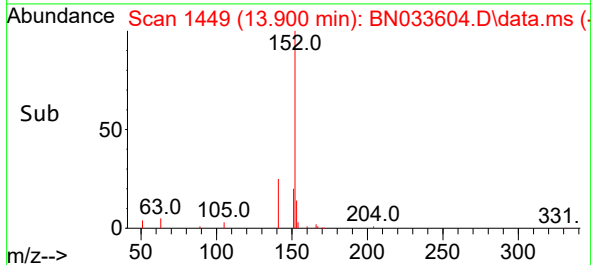
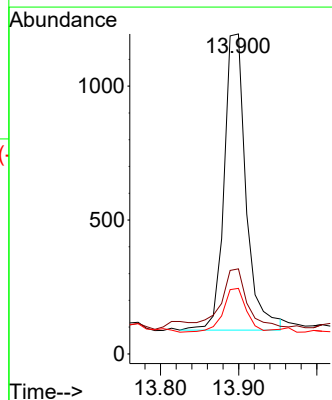
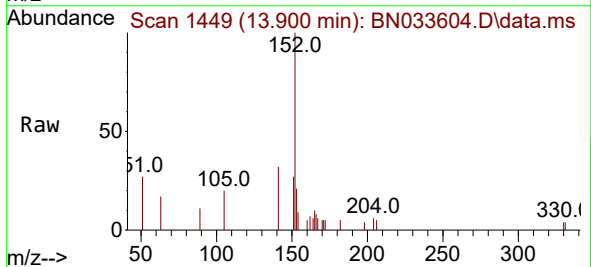
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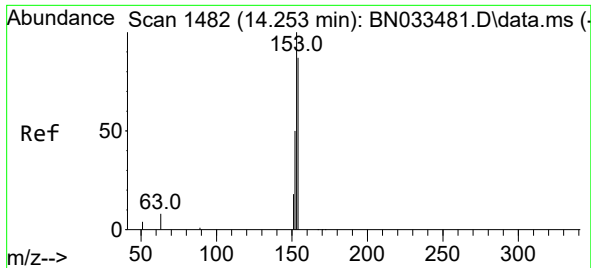
Tgt Ion:172 Resp: 6988
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.3 27.5



#16
Acenaphthylene
Concen: 0.052 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:152 Resp: 2154
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 16.0 10.3 15.5#

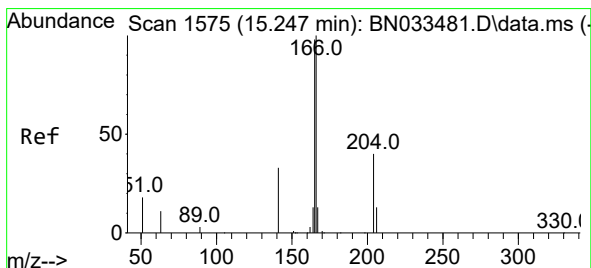
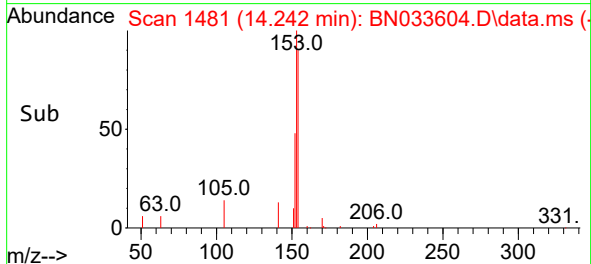
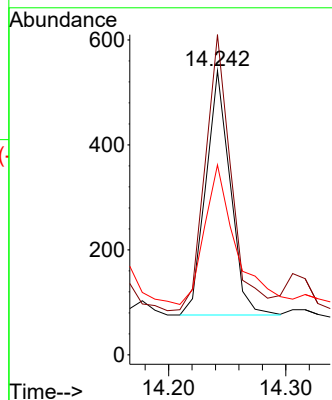
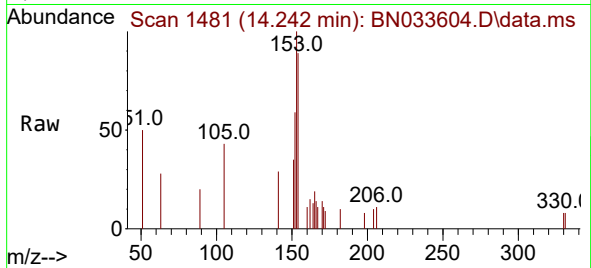




#17
Acenaphthene
Concen: 0.023 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

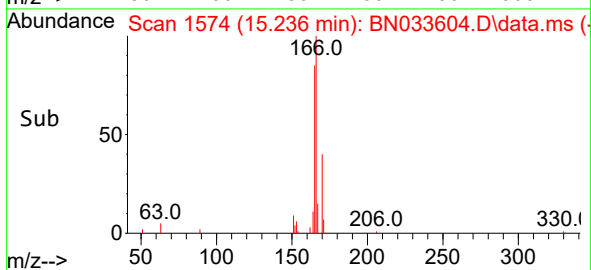
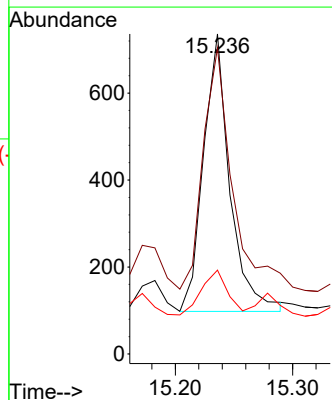
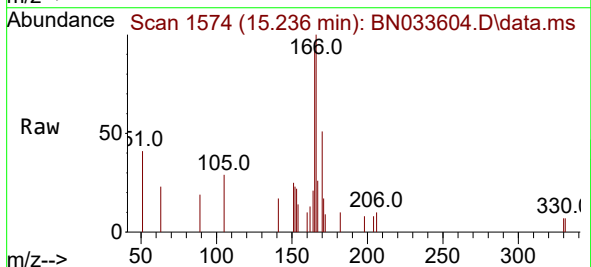
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

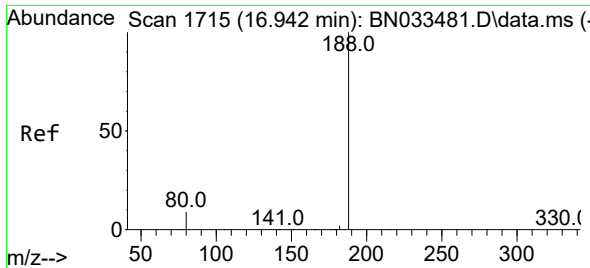
Tgt Ion:154 Resp: 673
Ion Ratio Lower Upper
154 100
153 119.5 89.0 133.6
152 72.2 45.2 67.8#



#18
Fluorene
Concen: 0.027 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:166 Resp: 1001
Ion Ratio Lower Upper
166 100
165 94.4 78.2 117.4
167 16.0 10.6 16.0#

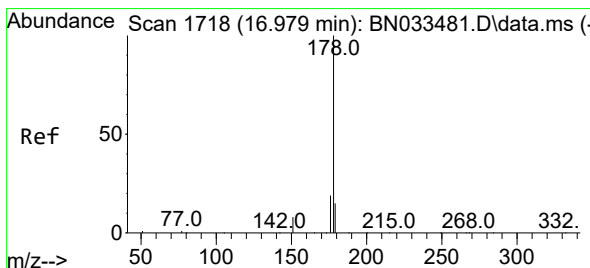
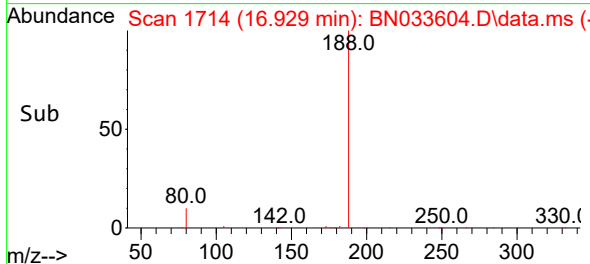
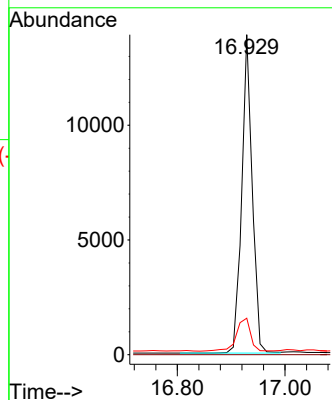
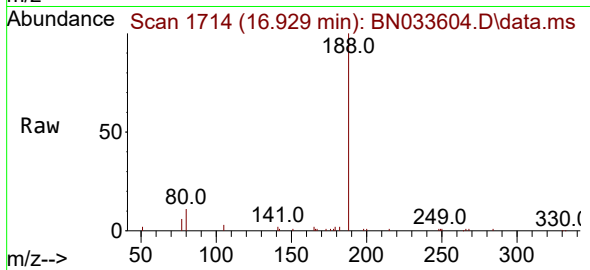




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

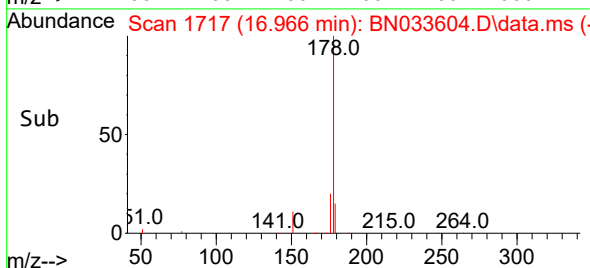
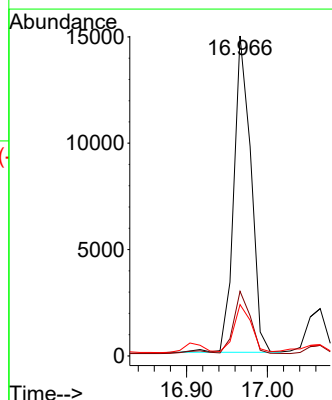
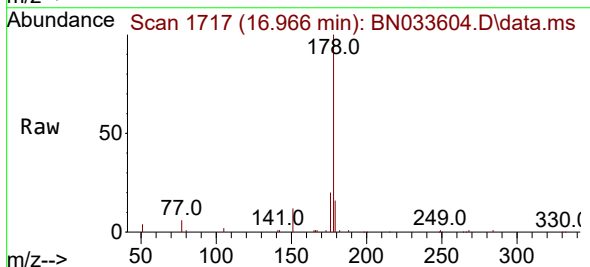
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

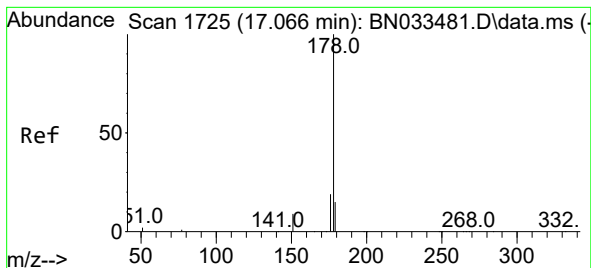
Tgt Ion:188 Resp: 18770
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.8 11.8



#25
Phenanthrene
Concen: 0.415 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:178 Resp: 21692
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 14.7 12.3 18.5





#26

Anthracene

Concen: 0.071 ng

RT: 17.065 min Scan# 11

Delta R.T. -0.001 min

Lab File: BN033604.D

Acq: 24 Aug 2024 00:31

Instrument :

BNA_N

ClientSampleId :

S-929-K1-SO-0-0.5-082024

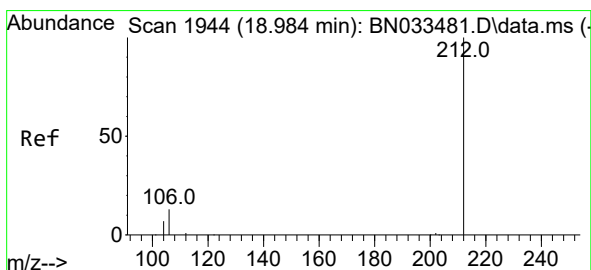
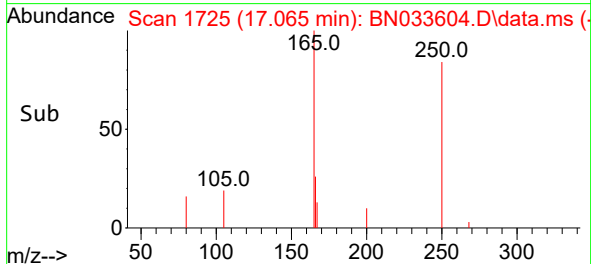
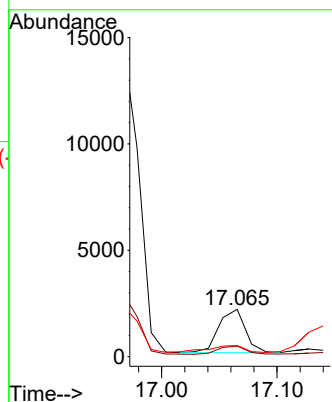
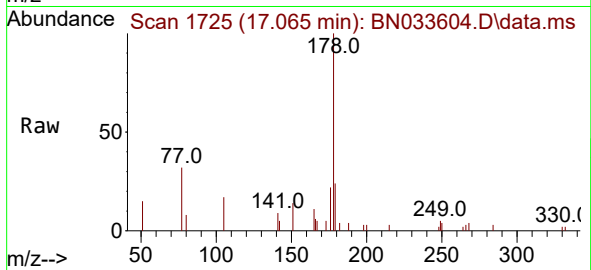
Tgt Ion:178 Resp: 3286

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 22.0 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.142 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.001 min

Lab File: BN033604.D

Acq: 24 Aug 2024 00:31

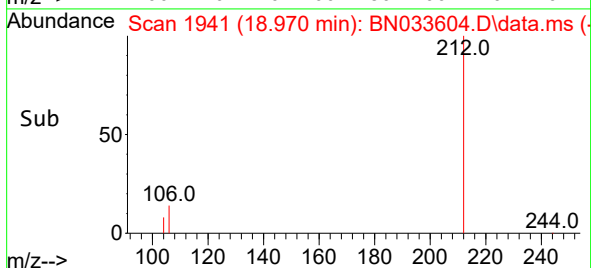
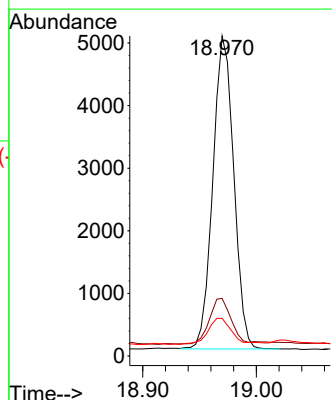
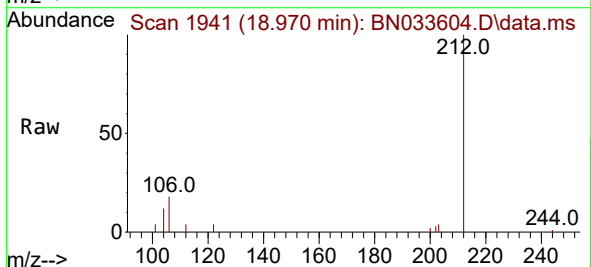
Tgt Ion:212 Resp: 6401

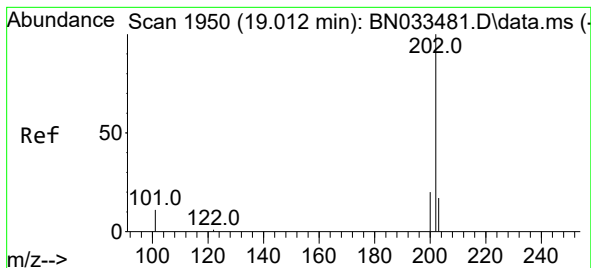
Ion Ratio Lower Upper

212 100

106 15.9 12.3 18.5

104 9.6 7.0 10.4





#28

Fluoranthene

Concen: 1.011 ng

RT: 19.002 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BN033604.D

Acq: 24 Aug 2024 00:31

Instrument :

BNA_N

ClientSampleId :

S-929-K1-SO-0-0.5-082024

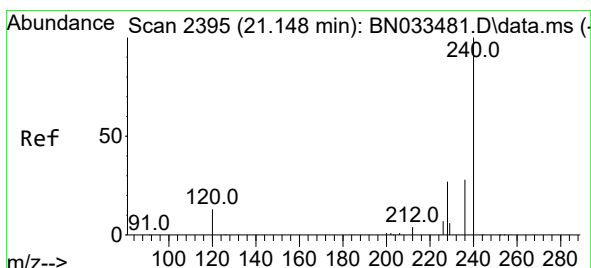
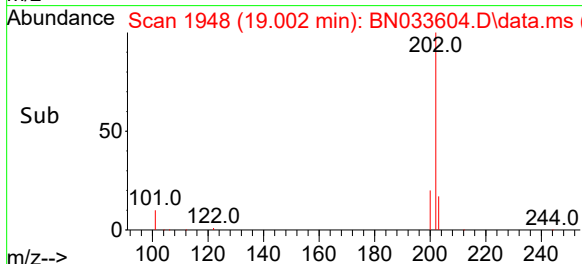
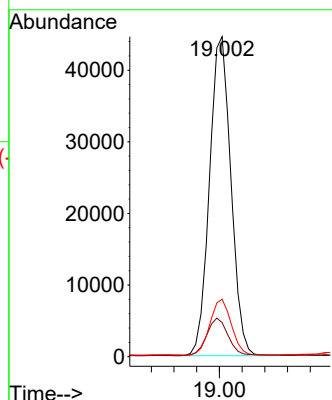
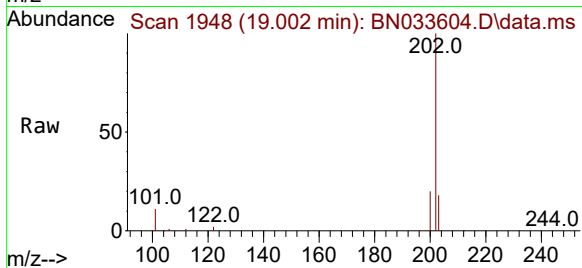
Tgt Ion:202 Resp: 58358

Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

203 17.4 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN033604.D

Acq: 24 Aug 2024 00:31

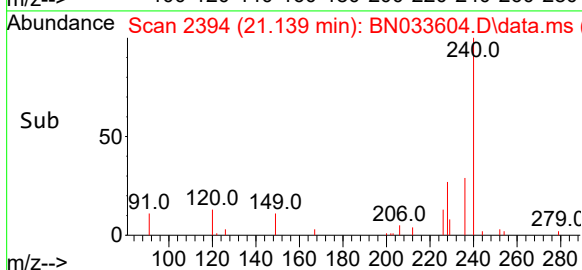
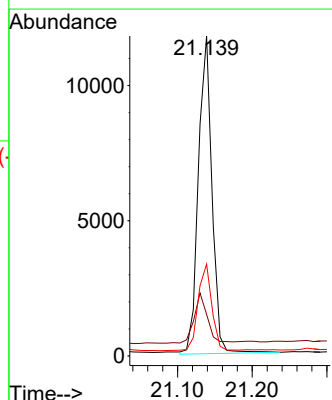
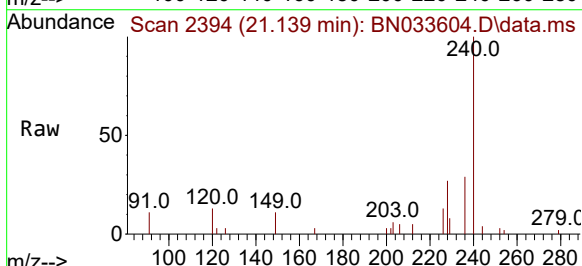
Tgt Ion:240 Resp: 14950

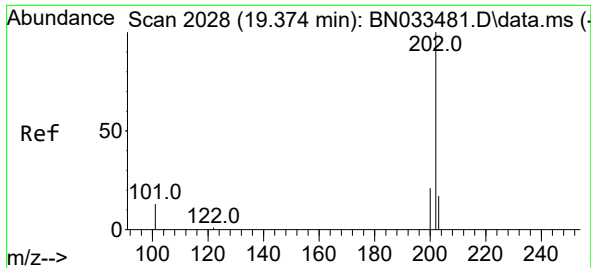
Ion Ratio Lower Upper

240 100

120 13.0 12.4 18.6

236 28.7 23.0 34.6

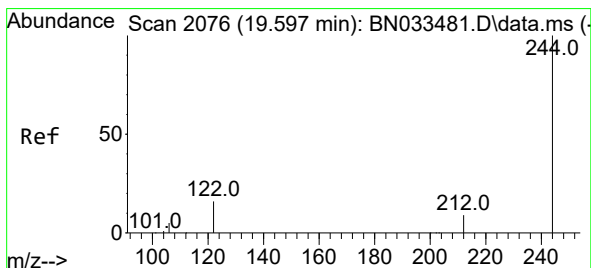
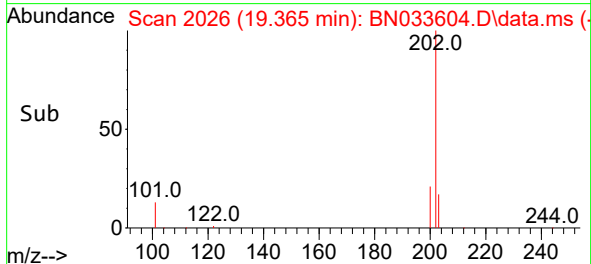
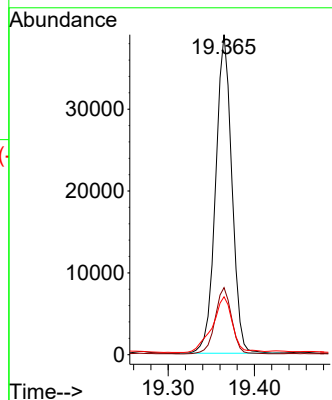
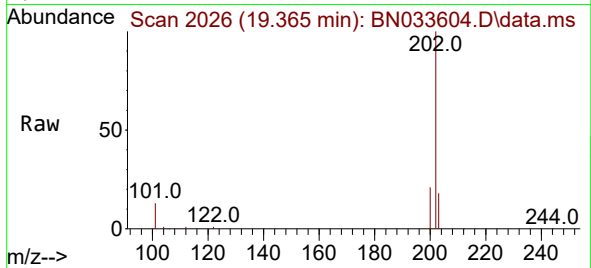




#30
 Pyrene
 Concen: 0.766 ng
 RT: 19.365 min Scan# 2026
 Delta R.T. -0.001 min
 Lab File: BN033604.D
 Acq: 24 Aug 2024 00:31

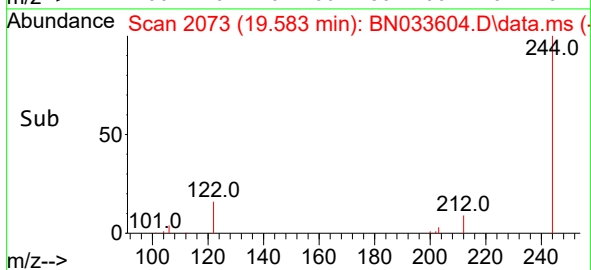
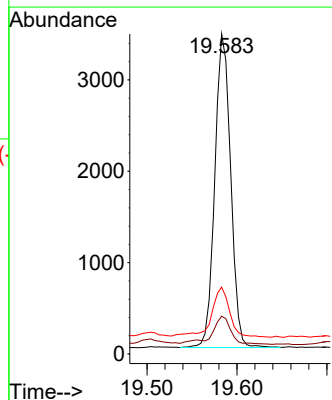
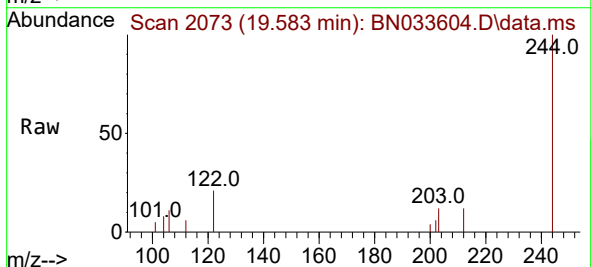
Instrument :
 BNA_N
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

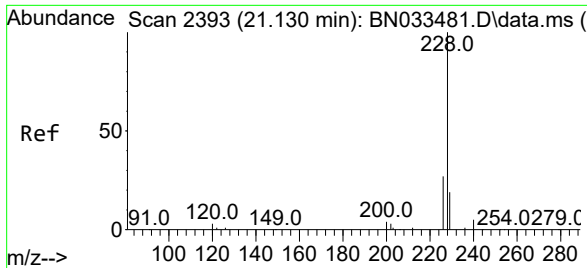
Tgt Ion:202 Resp: 51133
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 21.7 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.124 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.001 min
 Lab File: BN033604.D
 Acq: 24 Aug 2024 00:31

Tgt Ion:244 Resp: 4200
 Ion Ratio Lower Upper
 244 100
 212 11.8 7.8 11.6#
 122 20.9 13.3 19.9#

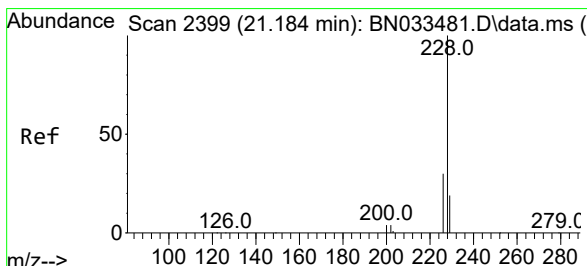
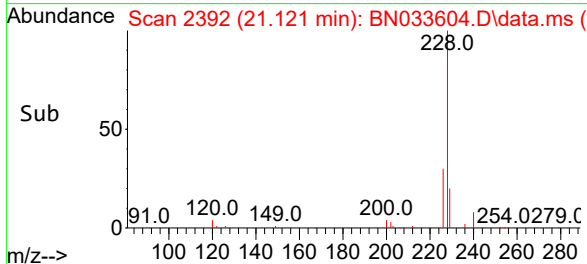
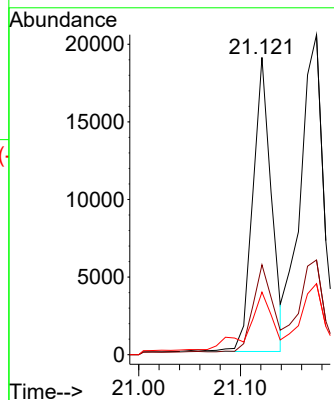
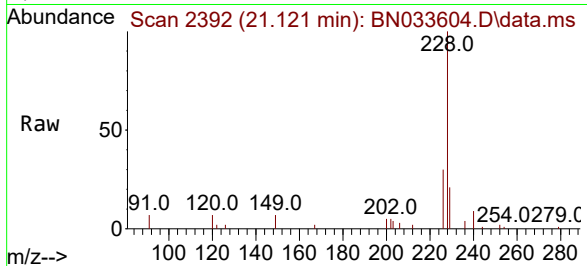




#32
Benzo(a)anthracene
Concen: 0.444 ng
RT: 21.121 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

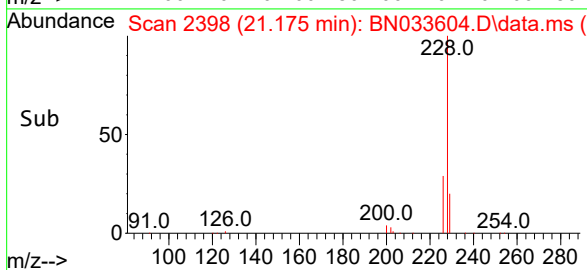
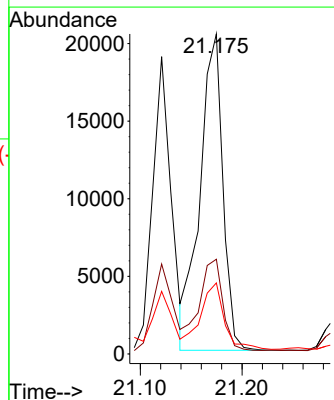
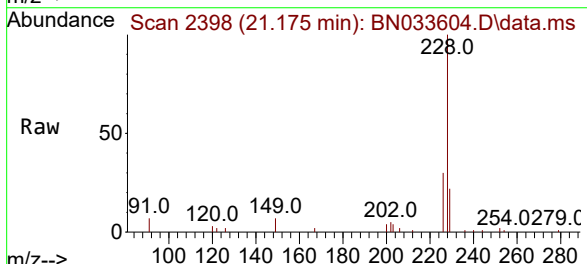
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

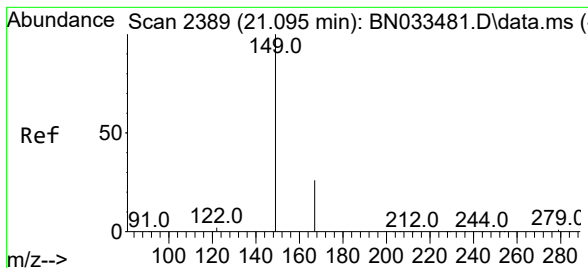
Tgt Ion:228 Resp: 24006
Ion Ratio Lower Upper
228 100
226 30.3 21.8 32.6
229 21.1 15.8 23.6



#33
Chrysene
Concen: 0.593 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:228 Resp: 31864
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 22.2 15.6 23.4

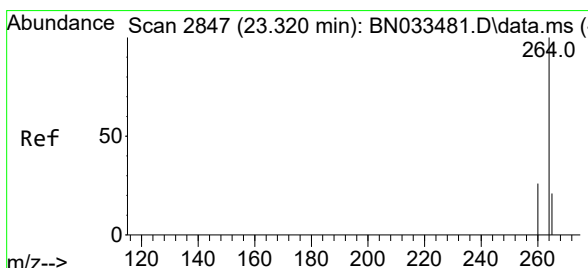
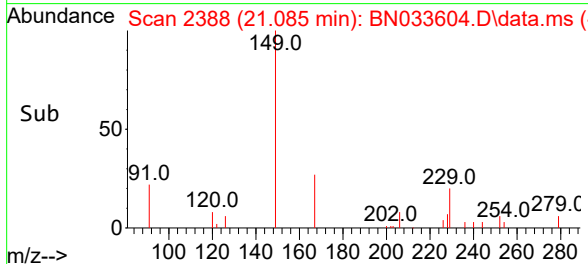
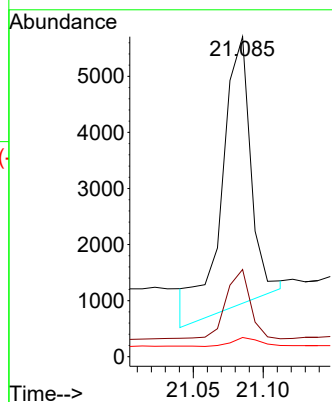
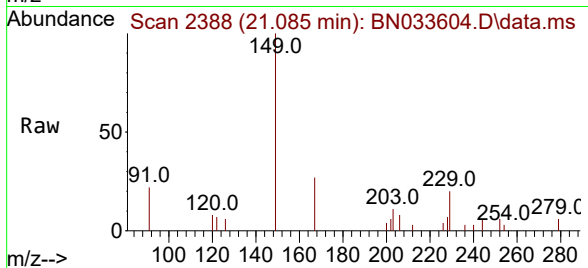




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.085 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

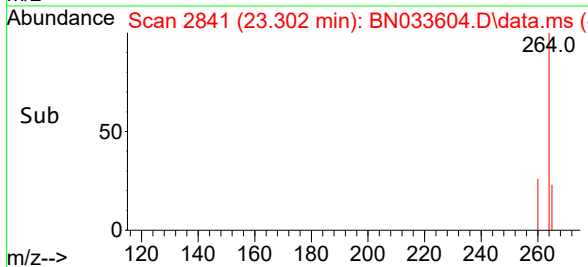
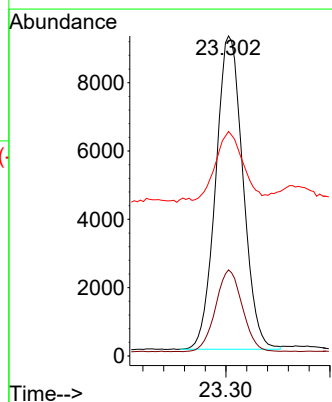
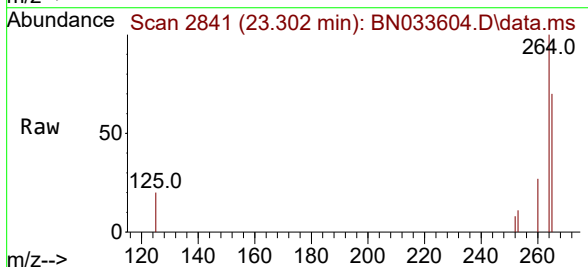
Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

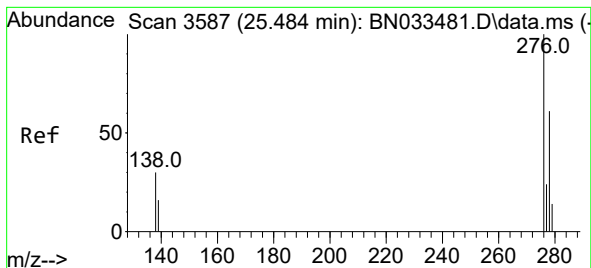
Tgt Ion:149 Resp: 7043
Ion Ratio Lower Upper
149 100
167 50.7 21.5 32.3#
279 6.2 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.302 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:264 Resp: 16678
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 70.1 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.323 ng

RT: 25.451 min Scan# 3576

Delta R.T. 0.002 min

Lab File: BN033604.D

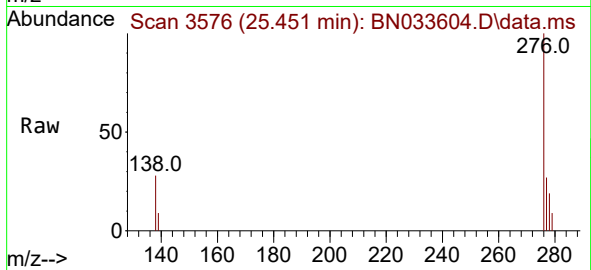
Acq: 24 Aug 2024 00:31

Instrument :

BNA_N

ClientSampleId :

S-929-K1-SO-0-0.5-082024



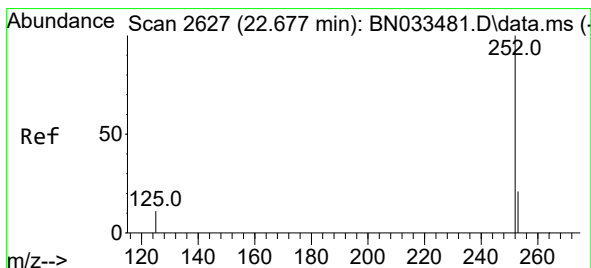
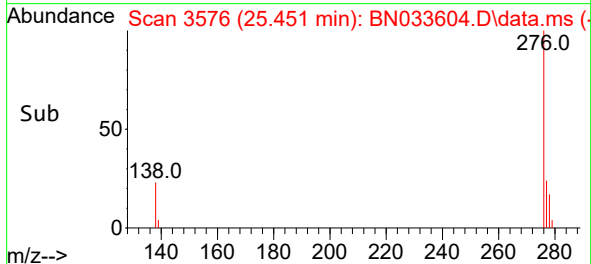
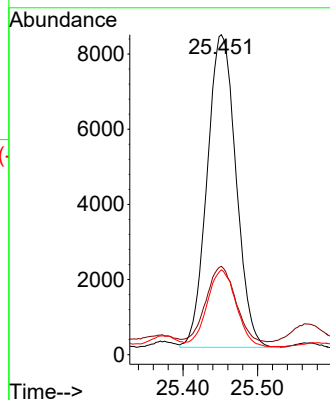
Tgt Ion:276 Resp: 22379

Ion Ratio Lower Upper

276 100

138 24.4 24.4 36.6#

277 24.7 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.710 ng

RT: 22.662 min Scan# 2622

Delta R.T. 0.002 min

Lab File: BN033604.D

Acq: 24 Aug 2024 00:31

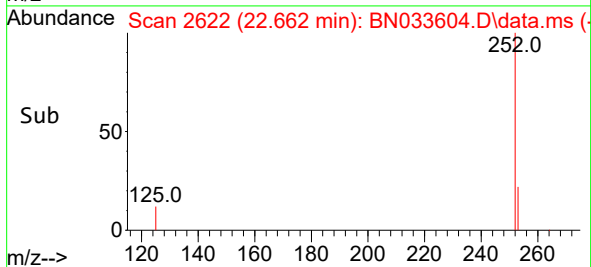
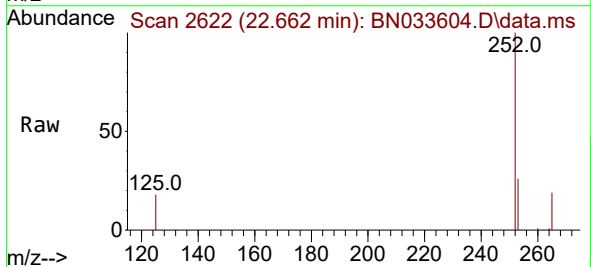
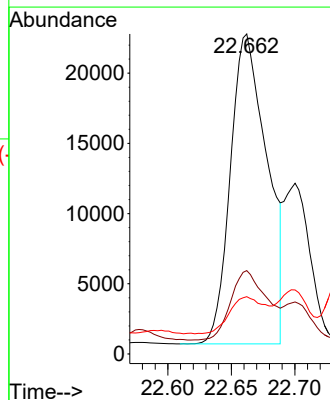
Tgt Ion:252 Resp: 44204

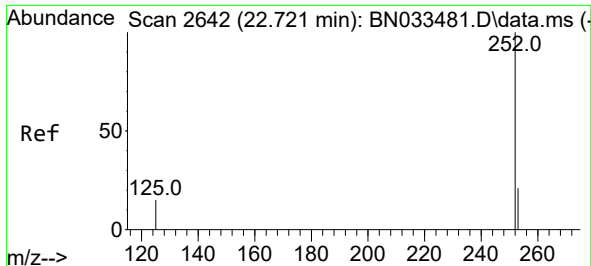
Ion Ratio Lower Upper

252 100

253 26.1 19.8 29.8

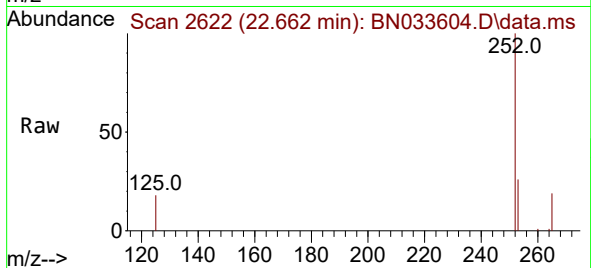
125 17.9 13.9 20.9



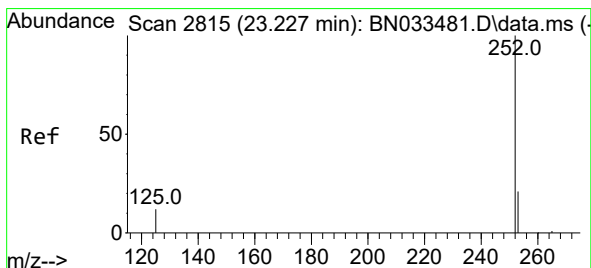
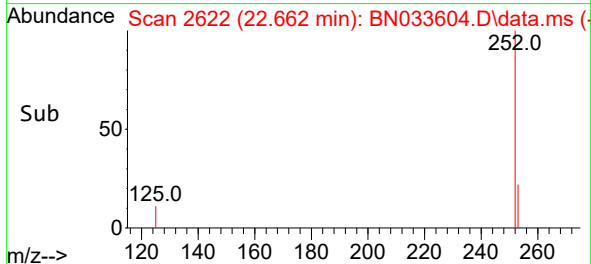
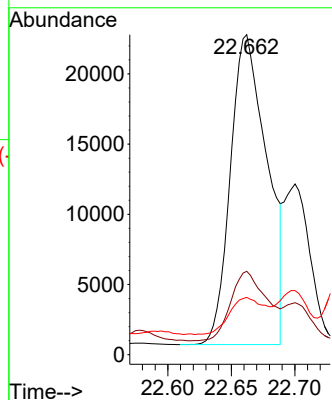


#38
Benzo(k)fluoranthene
Concen: 0.721 ng
RT: 22.662 min Scan# 20
Delta R.T. -0.041 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

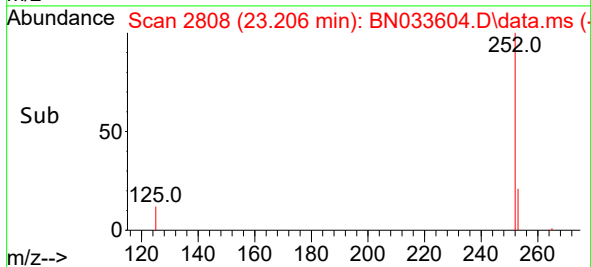
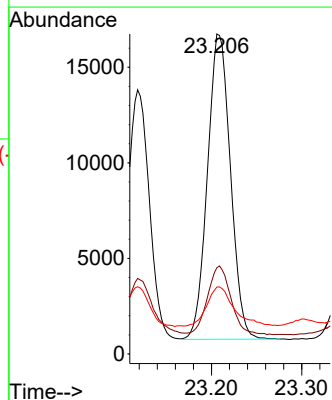
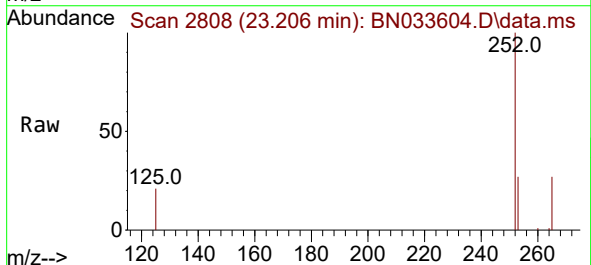


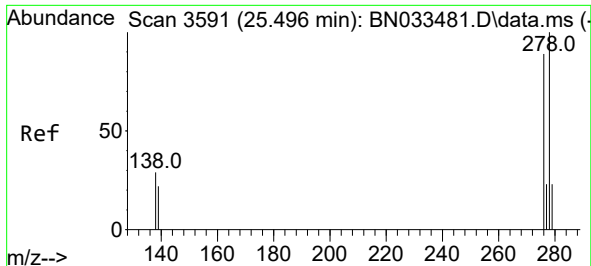
Tgt Ion:252 Resp: 44204
Ion Ratio Lower Upper
252 100
253 26.1 19.8 29.8
125 17.9 15.8 23.8



#39
Benzo(a)pyrene
Concen: 0.550 ng
RT: 23.206 min Scan# 2808
Delta R.T. -0.003 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:252 Resp: 28343
Ion Ratio Lower Upper
252 100
253 26.9 21.5 32.3
125 20.9 17.0 25.4

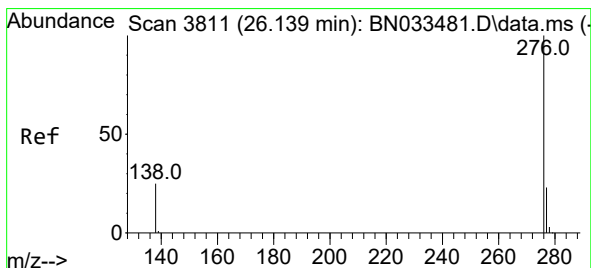
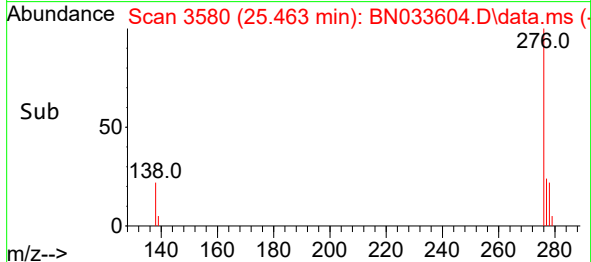
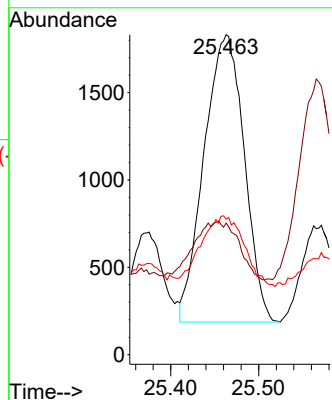
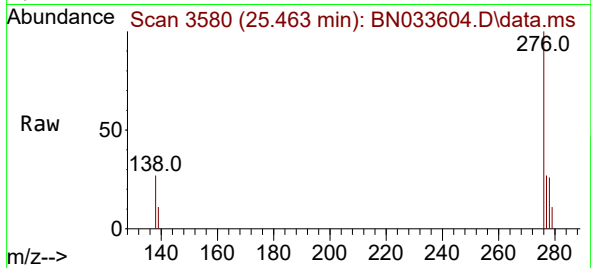




#40
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 25.463 min Scan# 311
Delta R.T. -0.006 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Instrument :
BNA_N
ClientSampleId :
S-929-K1-SO-0-0.5-082024

Tgt Ion:278 Resp: 5212
Ion Ratio Lower Upper
278 100
139 41.1 19.1 28.7#
279 42.4 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 26.106 min Scan# 3800
Delta R.T. 0.002 min
Lab File: BN033604.D
Acq: 24 Aug 2024 00:31

Tgt Ion:276 Resp: 22280
Ion Ratio Lower Upper
276 100
277 25.6 19.7 29.5
138 27.6 21.8 32.6

