

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033607.D
 Acq On : 24 Aug 2024 02:20
 Operator : MA/JU
 Sample : P3707-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-913-K1-SO-0-0.5-082024

Quant Time: Aug 24 02:49:23 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)

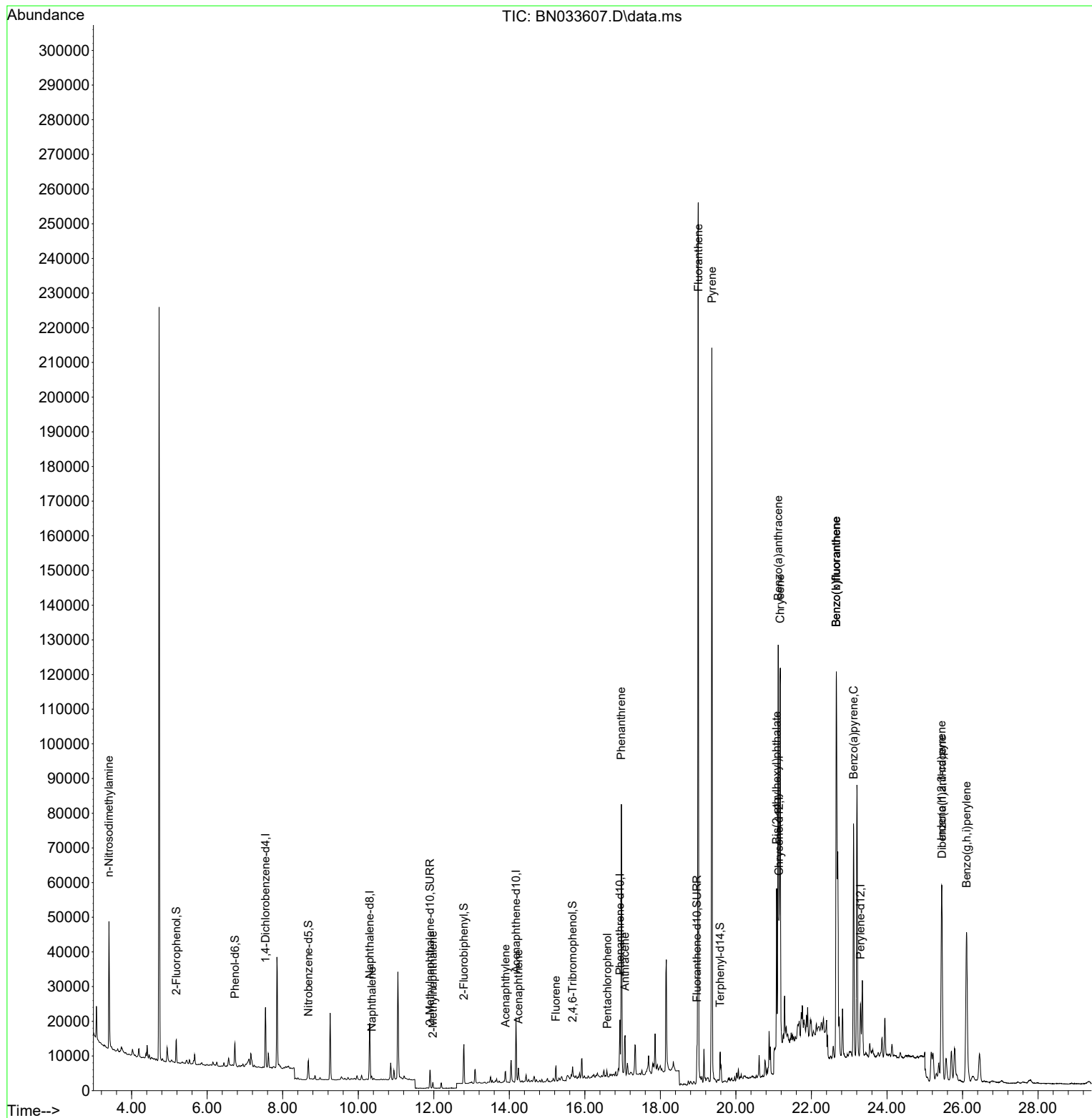
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7618	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	20122	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9865	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19378	0.400	ng	0.00
29) Chrysene-d12	21.139	240	16436	0.400	ng	0.00
35) Perylene-d12	23.300	264	17832	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4903	0.203	ng	0.00
5) Phenol-d6	6.736	99	5829	0.202	ng	0.00
8) Nitrobenzene-d5	8.681	82	4243	0.254	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	6947	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1247	0.235	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	9724	0.241	ng	0.00
27) Fluoranthene-d10	18.970	212	10849	0.233	ng	0.00
31) Terphenyl-d14	19.583	244	7618	0.204	ng	0.00
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	3.399	42	4551	0.446	ng	# 1
9) Naphthalene	10.357	128	1432	0.027	ng	# 79
12) 2-Methylnaphthalene	11.975	142	1064	0.031	ng	# 84
16) Acenaphthylene	13.900	152	3892	0.090	ng	98
17) Acenaphthene	14.242	154	1968	0.065	ng	97
18) Fluorene	15.236	166	2913	0.076	ng	96
24) Pentachlorophenol	16.594	266	216	0.038	ng	90
25) Phenanthrene	16.967	178	76489	1.419	ng	99
26) Anthracene	17.066	178	13097	0.275	ng	# 95
28) Fluoranthene	19.003	202	220191	3.696	ng	100
30) Pyrene	19.365	202	186180	2.538	ng	# 95
32) Benzo(a)anthracene	21.121	228	92191	1.551	ng	96
33) Chrysene	21.175	228	109977	1.862	ng	97
34) Bis(2-ethylhexyl)phtha...	21.077	149	51749	1.376	ng	99
36) Indeno(1,2,3-cd)pyrene	25.449	276	83896	1.133	ng	# 93
37) Benzo(b)fluoranthene	22.660	252	163578	2.456	ng	# 95
38) Benzo(k)fluoranthene	22.660	252	163578	2.496	ng	# 93
39) Benzo(a)pyrene	23.116	252	82661	1.500	ng	96
40) Dibenzo(a,h)anthracene	25.458	278	18784	0.317	ng	# 88
41) Benzo(g,h,i)perylene	26.107	276	83773	1.323	ng	98

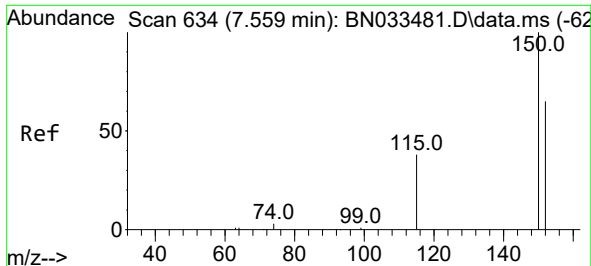
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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S-913-K1-SO-0-0.5-082024

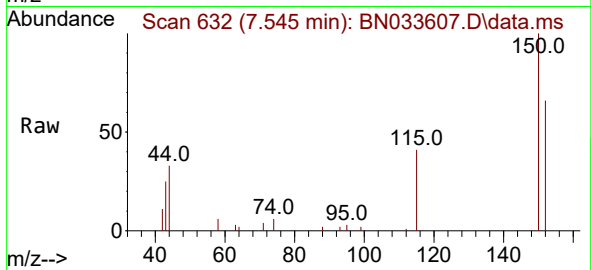
Quant Time: Aug 24 02:49:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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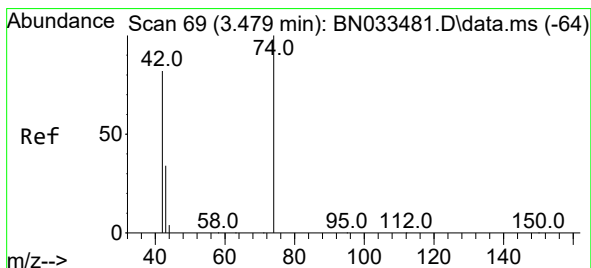
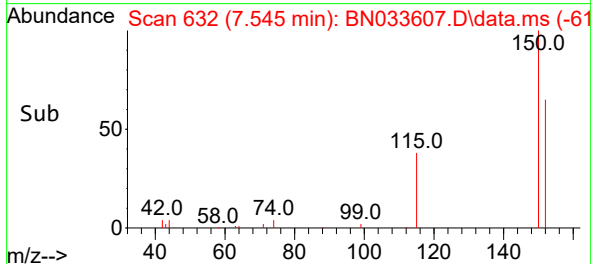
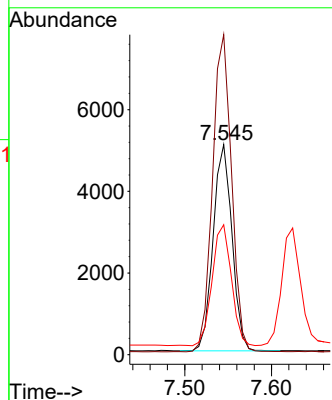


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

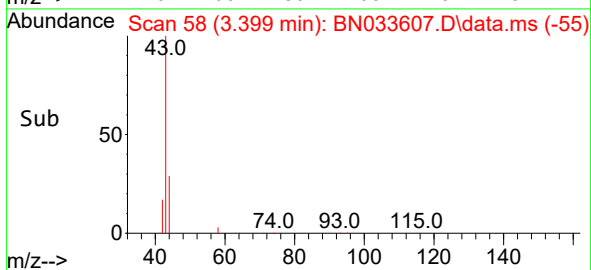
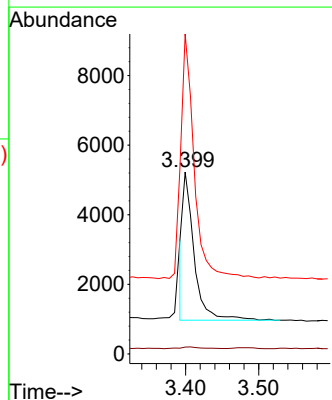
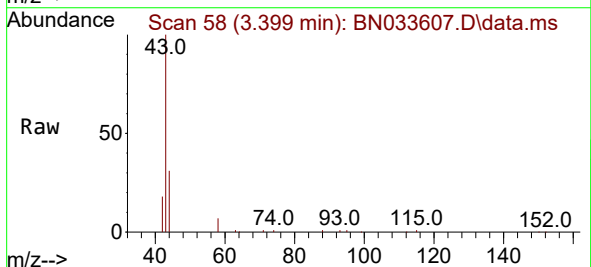


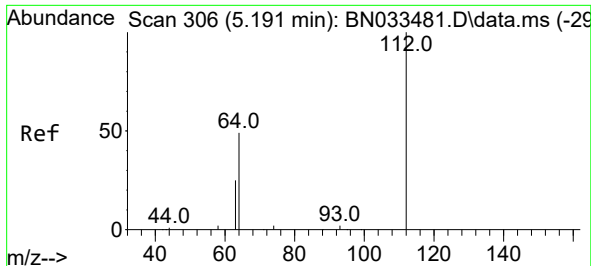
Tgt Ion:152 Resp: 7618
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.2
115 61.9 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.446 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion: 42 Resp: 4551
Ion Ratio Lower Upper
42 100
74 1.5 100.2 150.2#
44 162.8 5.3 7.9#

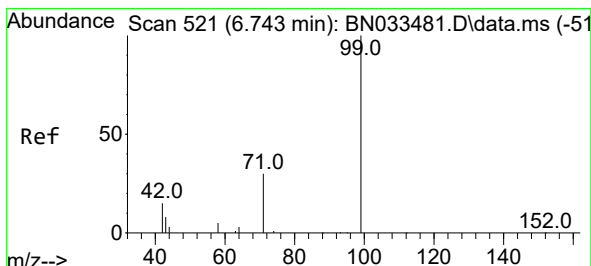
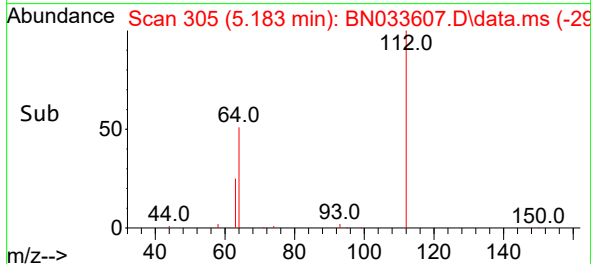
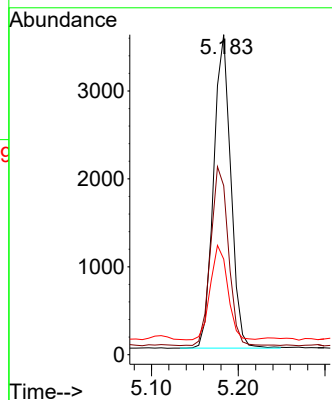
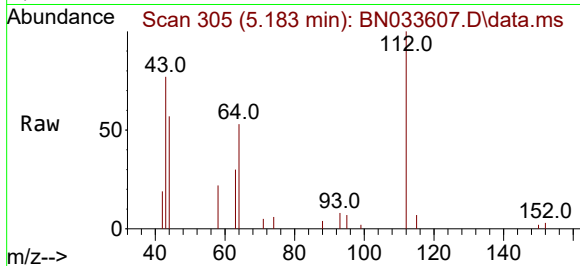




#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.183 min Scan# 30
Delta R.T. 0.007 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

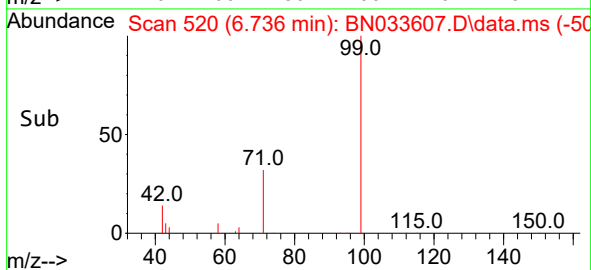
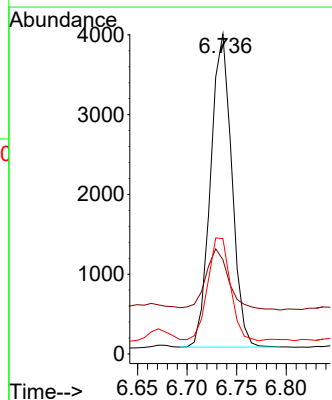
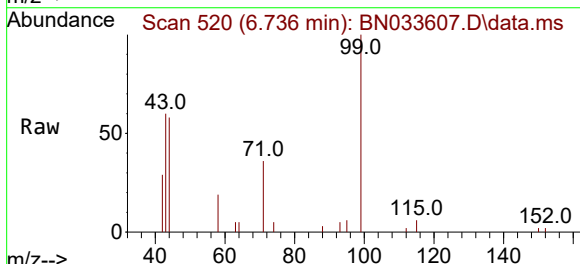
Instrument :
BNA_N
ClientSampleId :
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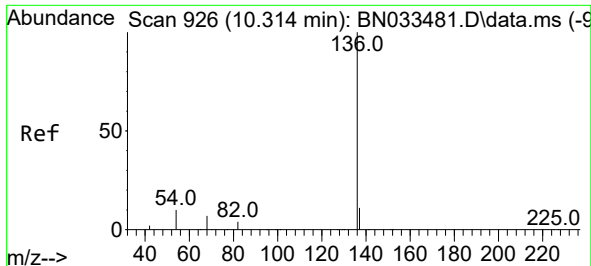
Tgt Ion:112 Resp: 4903
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 30.4 24.9 37.3



#5
Phenol-d6
Concen: 0.202 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion: 99 Resp: 5829
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 35.3 26.2 39.4

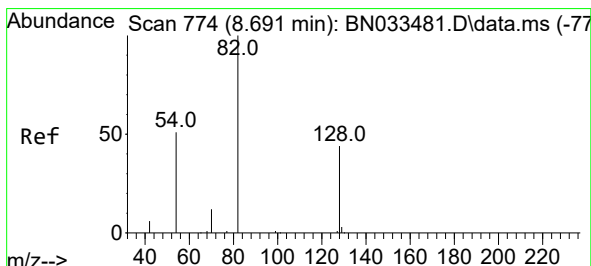
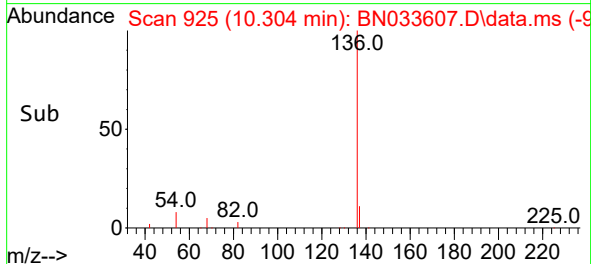
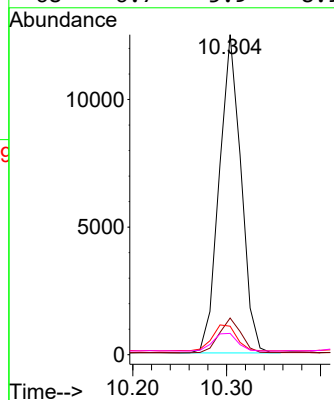
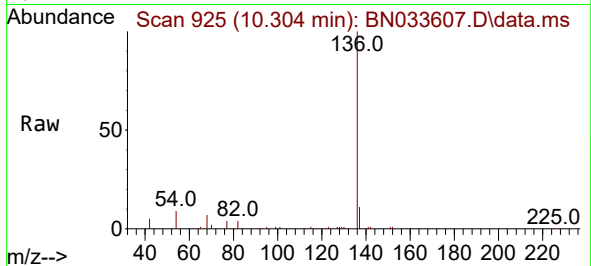




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

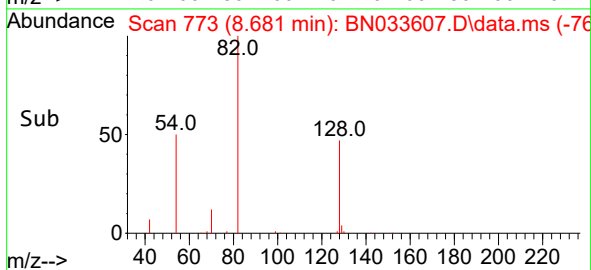
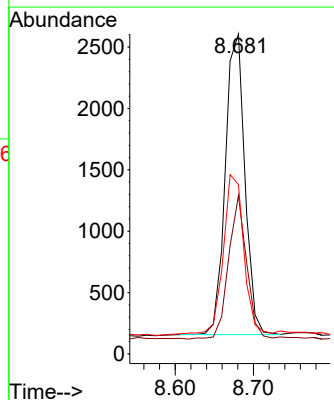
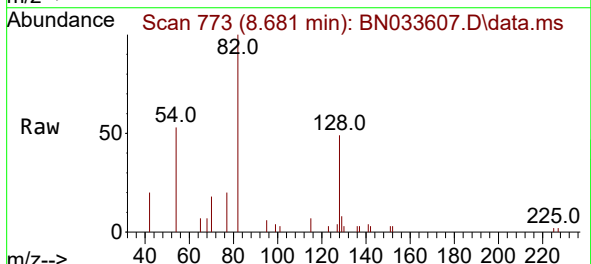
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

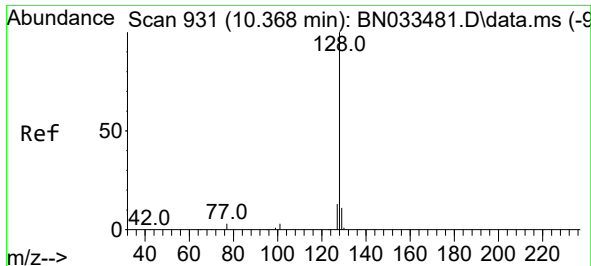
Tgt Ion:	136	Resp:	20122
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	8.9	8.3	12.5
68	6.7	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:	82	Resp:	4243
Ion Ratio	Lower	Upper	
82	100		
128	49.5	36.0	54.0
54	53.0	42.0	63.0

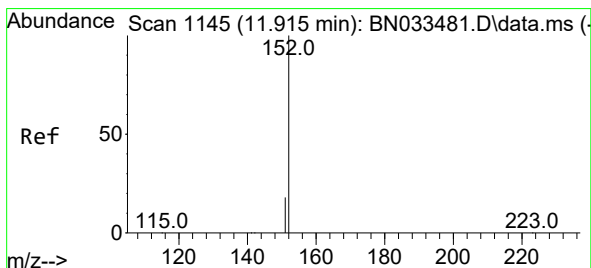
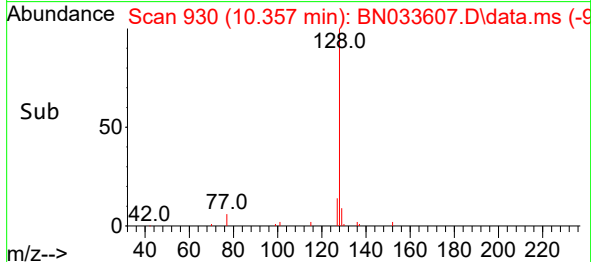
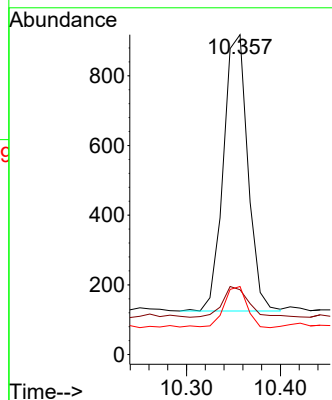
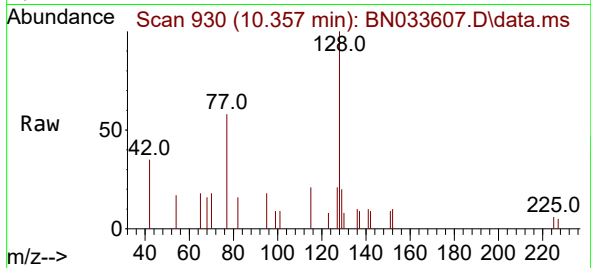




#9
Naphthalene
Concen: 0.027 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

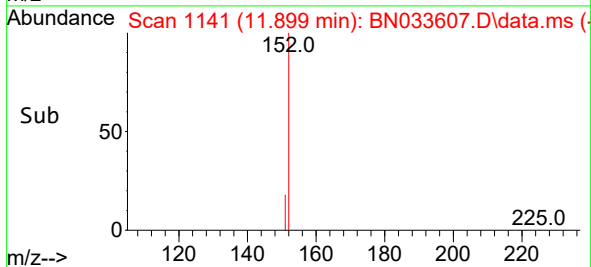
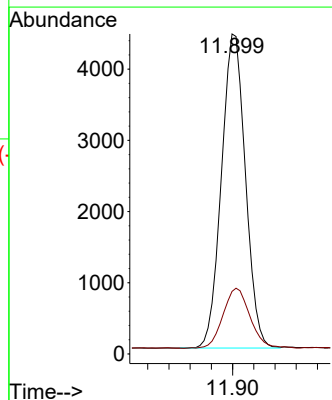
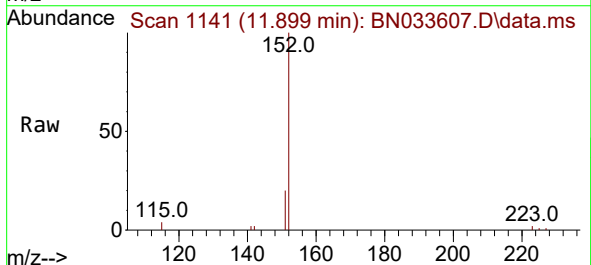
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

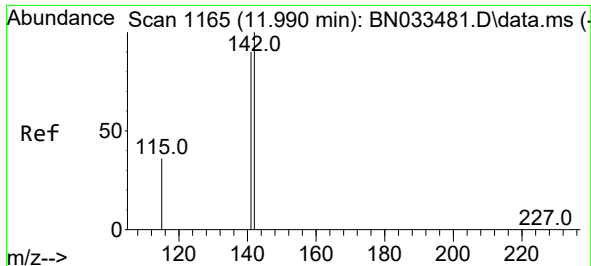
Tgt Ion:128 Resp: 1432
Ion Ratio Lower Upper
128 100
129 20.3 9.1 13.7#
127 21.2 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 11.899 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:152 Resp: 6947
Ion Ratio Lower Upper
152 100
151 21.6 16.6 25.0

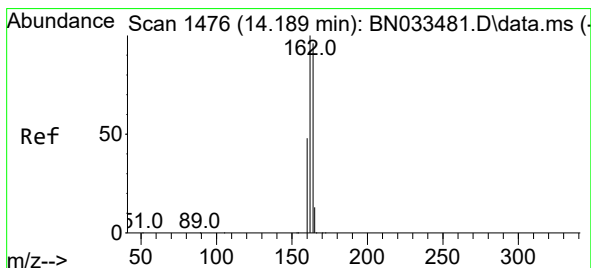
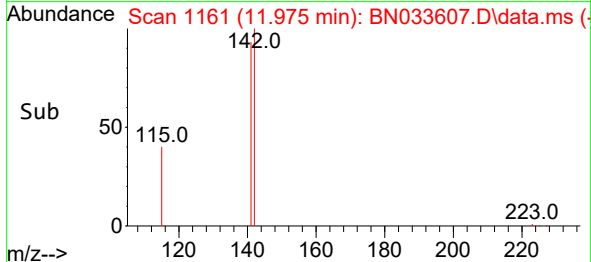
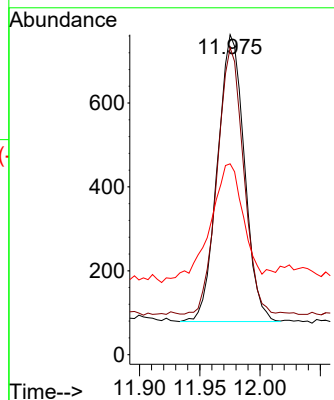
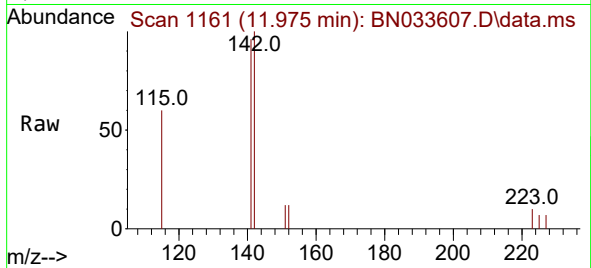




#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

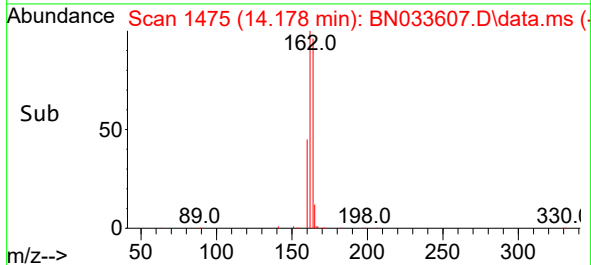
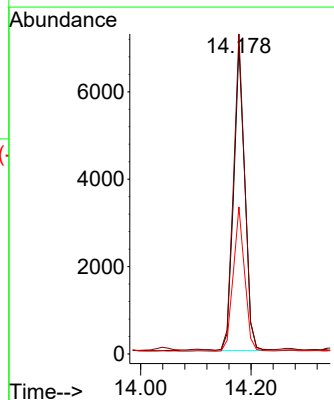
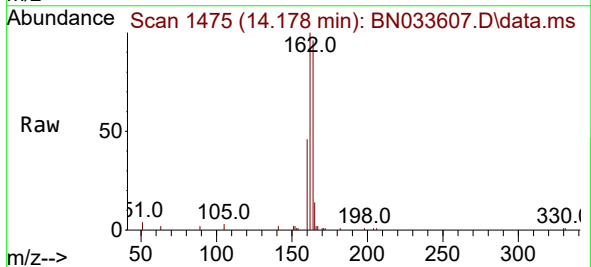
Instrument :
BNA_N
ClientSampleId :
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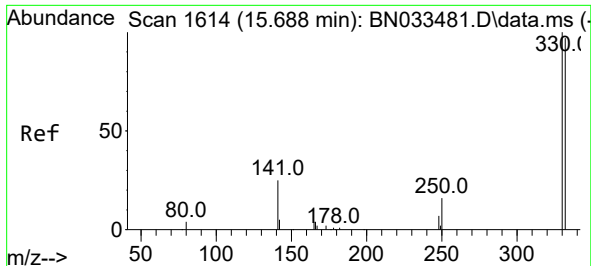
Tgt Ion:142 Resp: 1064
Ion Ratio Lower Upper
142 100
141 95.9 71.7 107.5
115 59.6 29.4 44.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

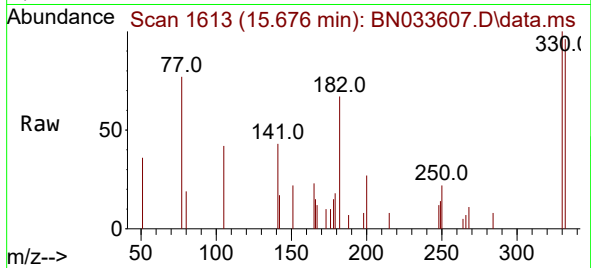
Tgt Ion:164 Resp: 9865
Ion Ratio Lower Upper
164 100
162 103.9 83.5 125.3
160 47.8 40.2 60.4



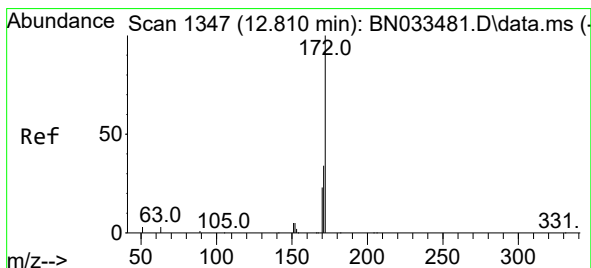
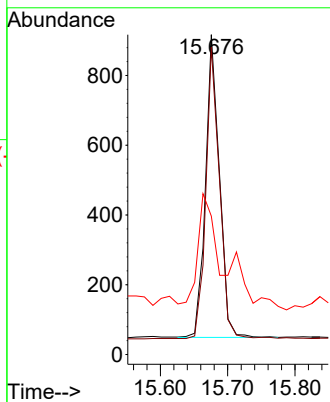
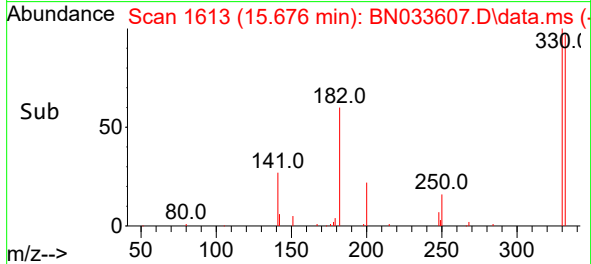


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Instrument :
BNA_N
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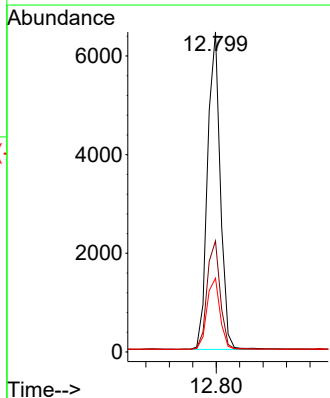
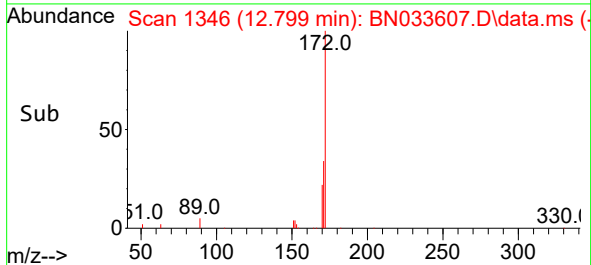
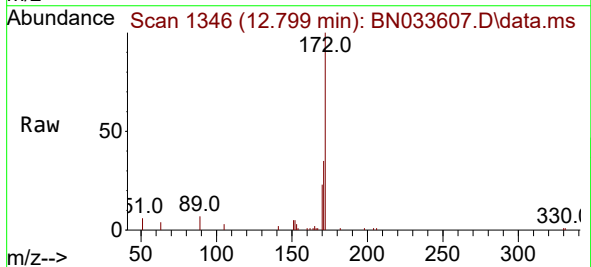


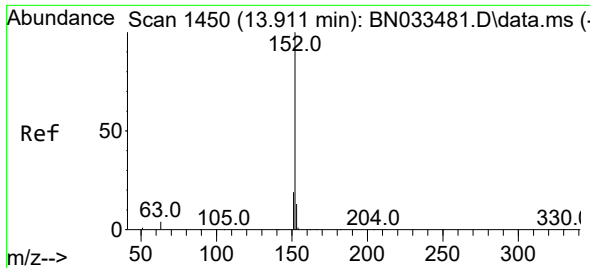
Tgt Ion:330 Resp: 1247
Ion Ratio Lower Upper
330 100
332 94.4 77.5 116.3
141 66.6 33.9 50.9#



#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:172 Resp: 9724
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.0 18.3 27.5

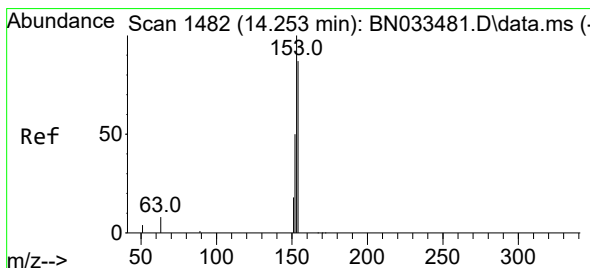
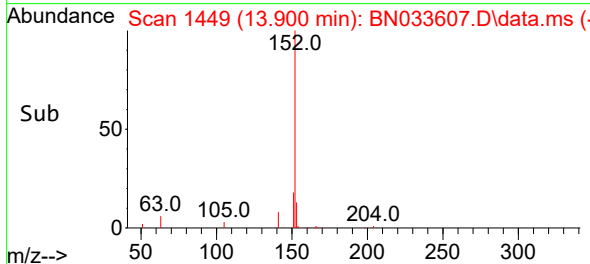
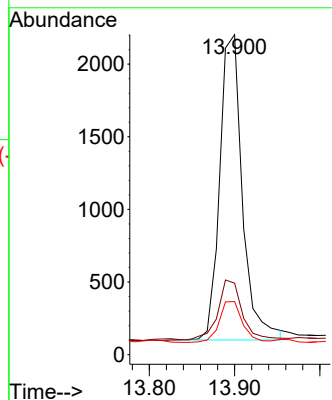
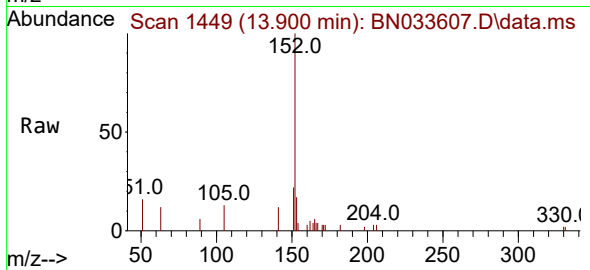




#16
Acenaphthylene
Concen: 0.090 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

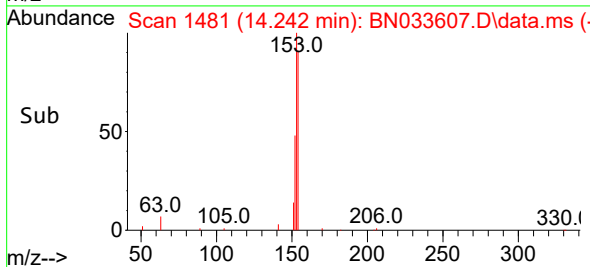
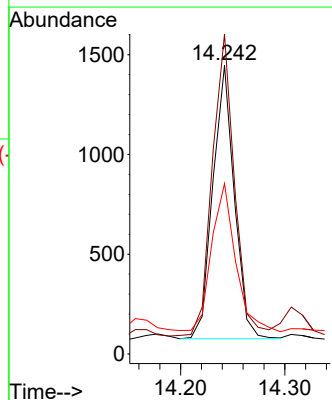
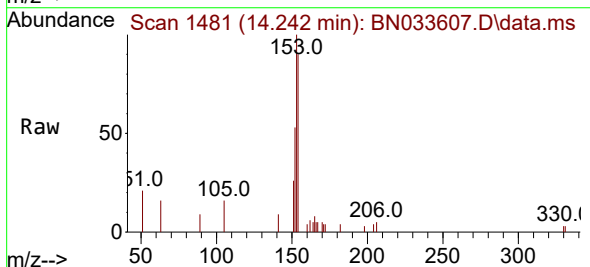
Instrument :
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S-913-K1-SO-0-0.5-082024

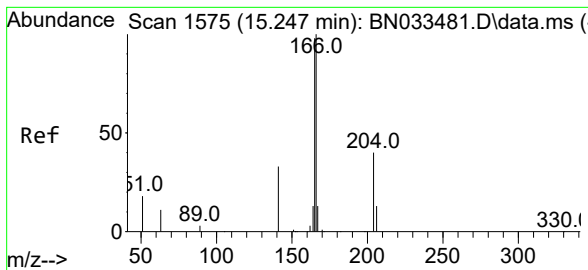
Tgt Ion:152 Resp: 3892
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 13.8 10.3 15.5



#17
Acenaphthene
Concen: 0.065 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:154 Resp: 1968
Ion Ratio Lower Upper
154 100
153 113.7 89.0 133.6
152 60.3 45.2 67.8





#18

Fluorene

Concen: 0.076 ng

RT: 15.236 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033607.D

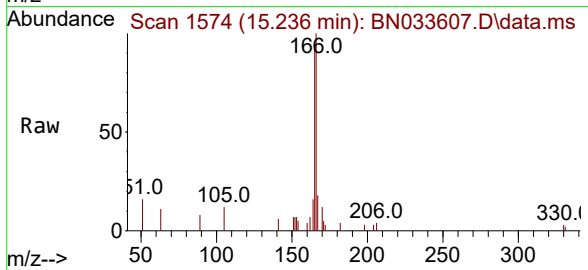
Acq: 24 Aug 2024 02:20

Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0-0.5-082024



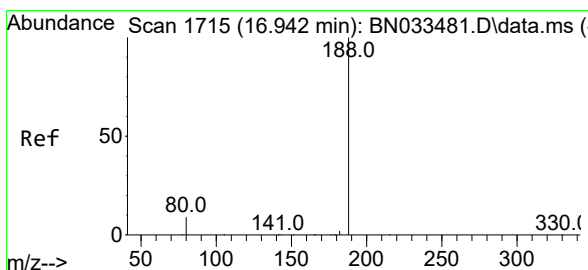
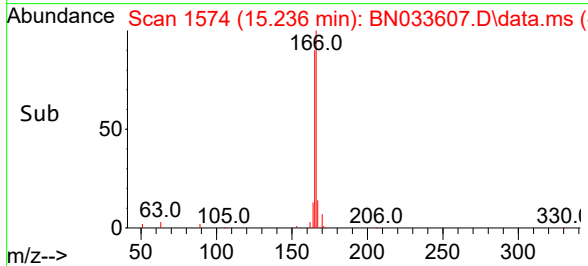
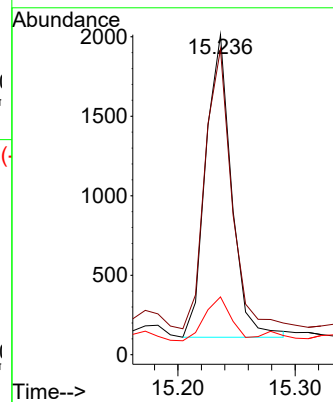
Tgt Ion:166 Resp: 2913

Ion Ratio Lower Upper

166 100

165 94.4 78.2 117.4

167 15.2 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

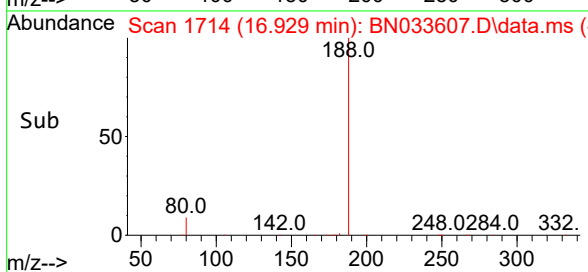
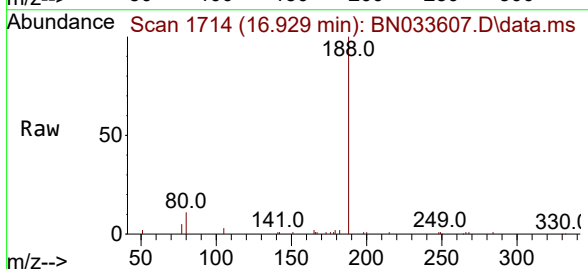
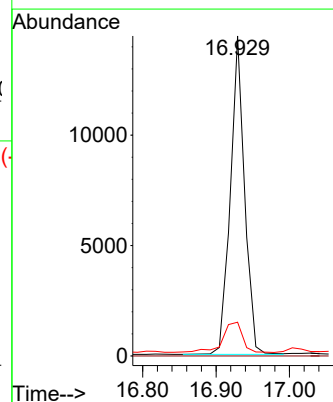
Tgt Ion:188 Resp: 19378

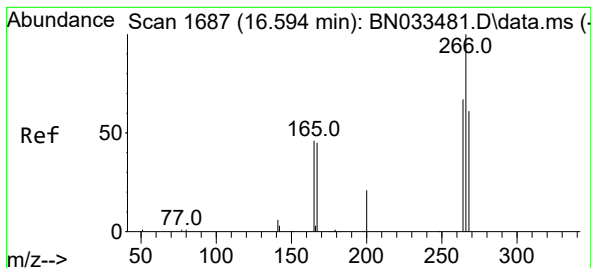
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 7.8 11.8





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.594 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

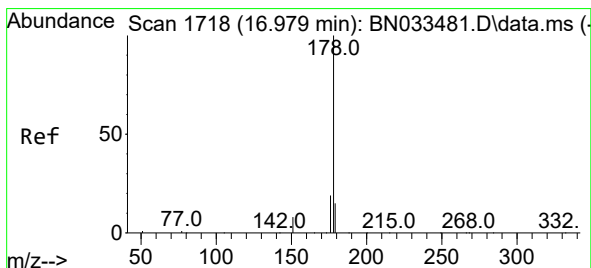
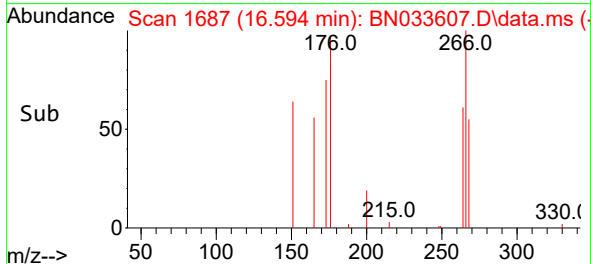
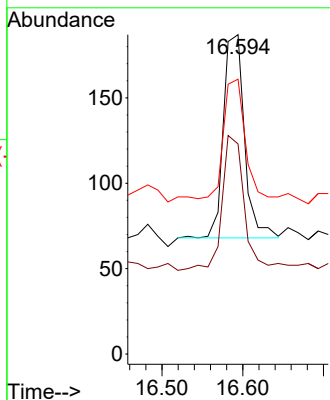
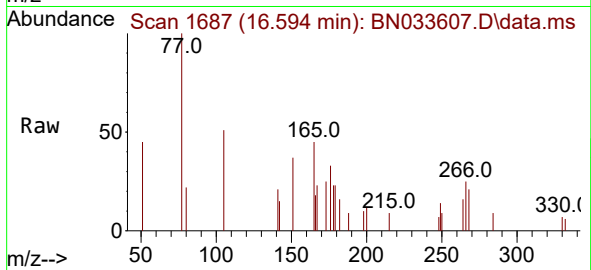
Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0-0.5-082024

Tgt Ion:	266	Resp:	216
Ion Ratio	Lower	Upper	
266	100		
264	73.6	51.9	77.9
268	71.3	51.0	76.4



#25

Phenanthrene

Concen: 1.419 ng

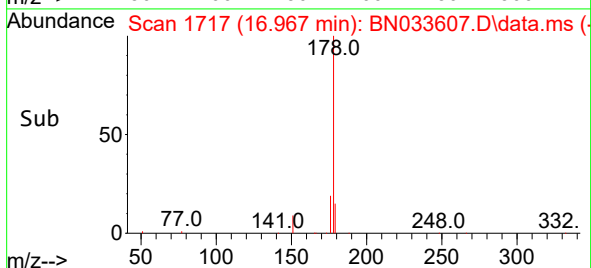
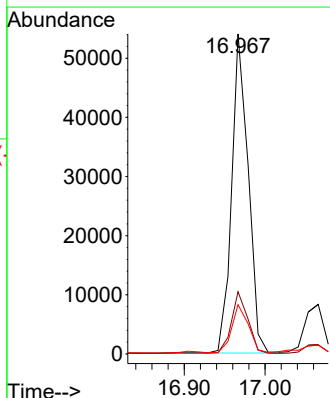
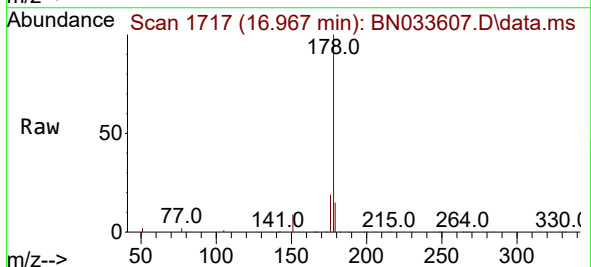
RT: 16.967 min Scan# 1717

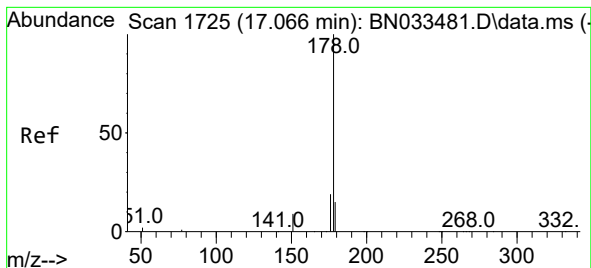
Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

Tgt Ion:	178	Resp:	76489
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.3	22.9
179	15.0	12.3	18.5





#26

Anthracene

Concen: 0.275 ng

RT: 17.066 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0-0.5-082024

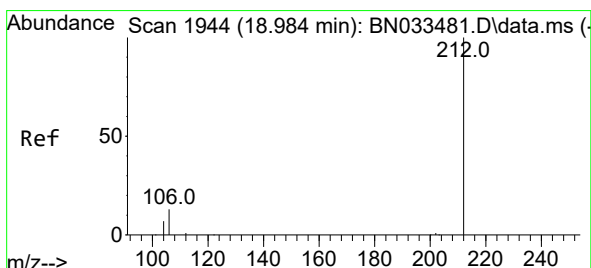
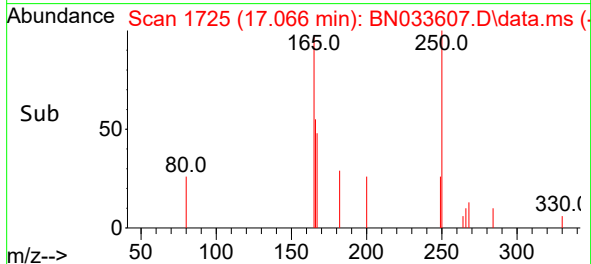
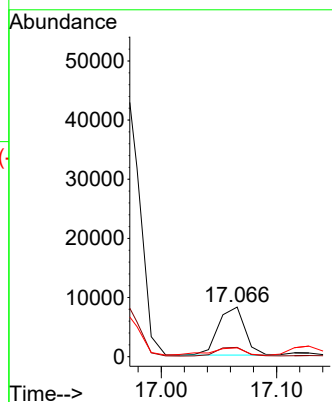
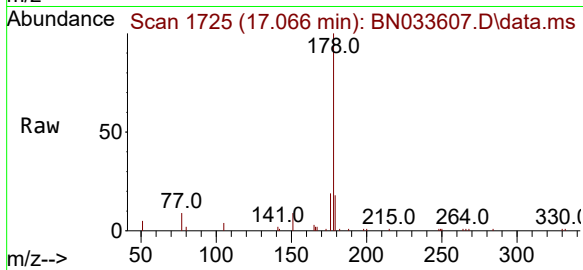
Tgt Ion:178 Resp: 13097

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 20.2 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.233 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

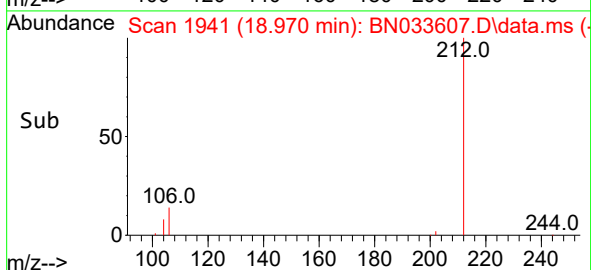
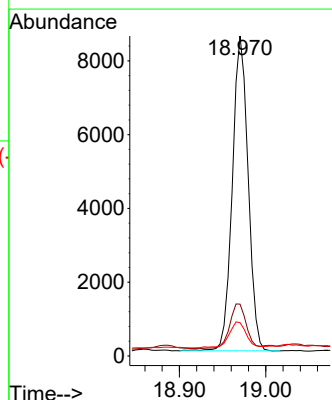
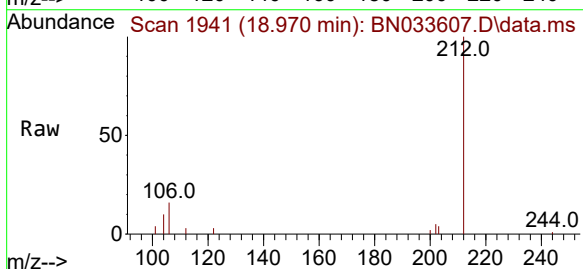
Tgt Ion:212 Resp: 10849

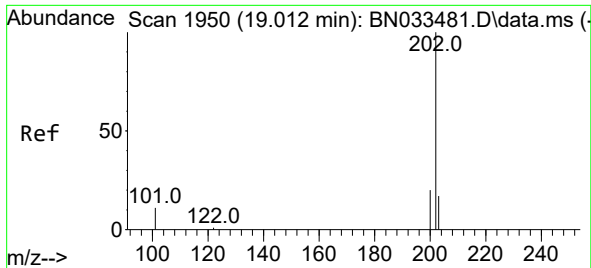
Ion Ratio Lower Upper

212 100

106 14.9 12.3 18.5

104 9.1 7.0 10.4

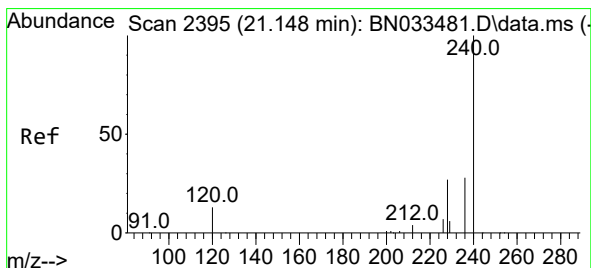
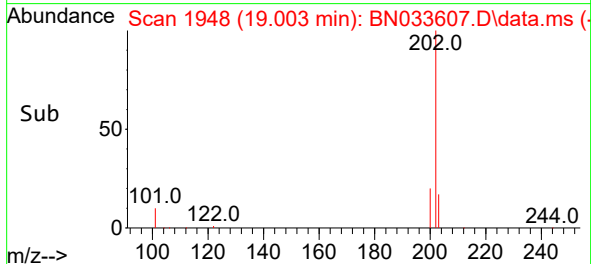
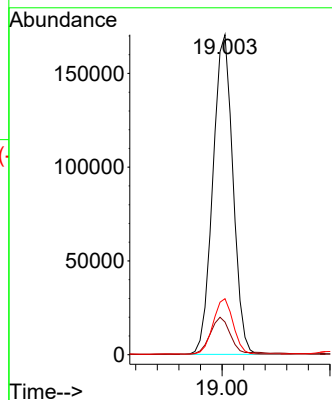
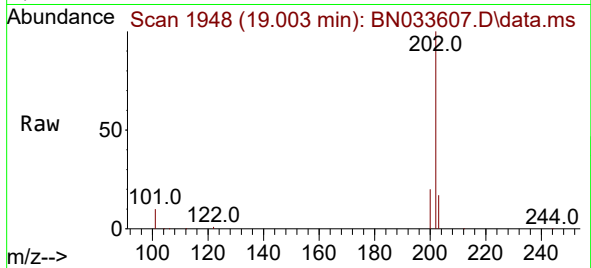




#28
Fluoranthene
Concen: 3.696 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

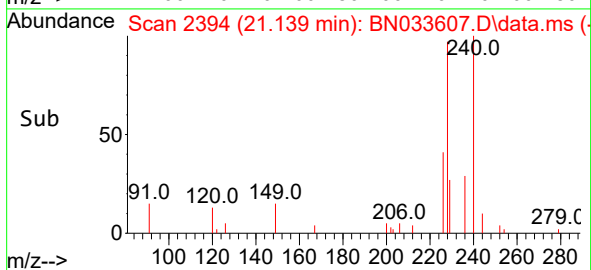
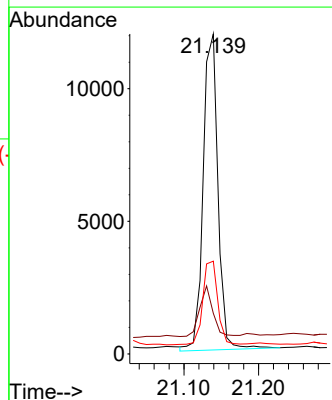
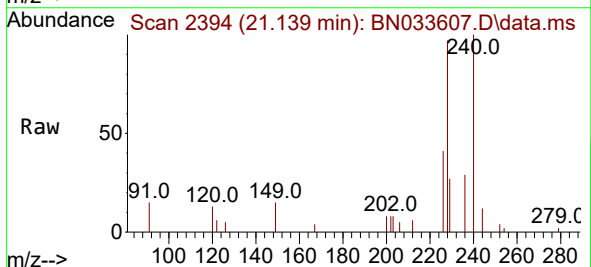
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

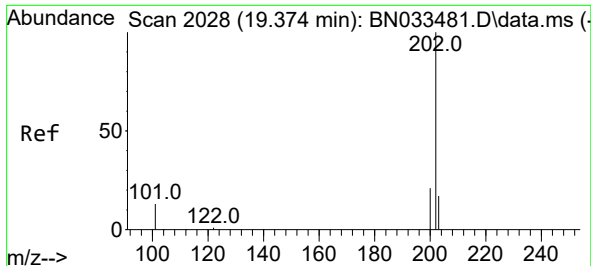
Tgt Ion:202 Resp: 220191
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
203 17.3 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:240 Resp: 16436
Ion Ratio Lower Upper
240 100
120 12.7 12.4 18.6
236 29.0 23.0 34.6

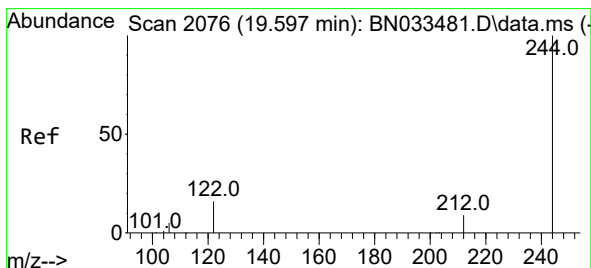
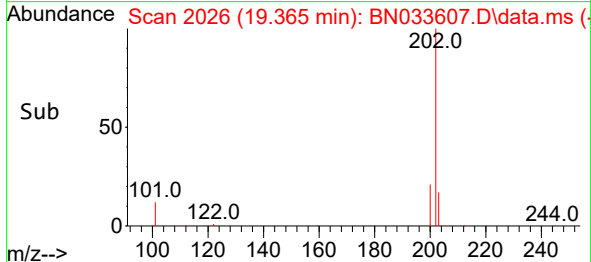
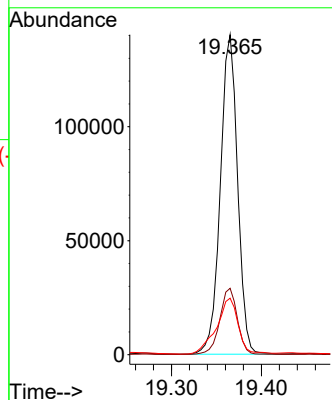
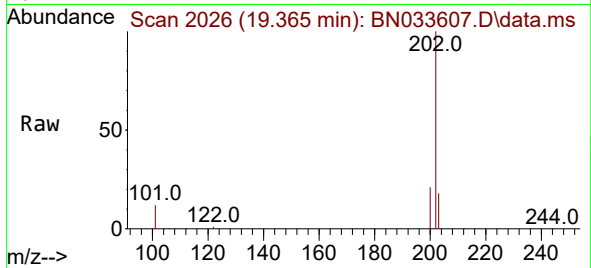




#30
 Pyrene
 Concen: 2.538 ng
 RT: 19.365 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN033607.D
 Acq: 24 Aug 2024 02:20

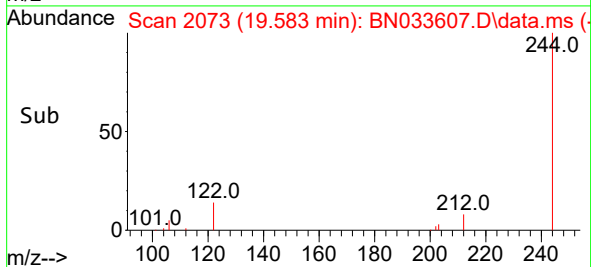
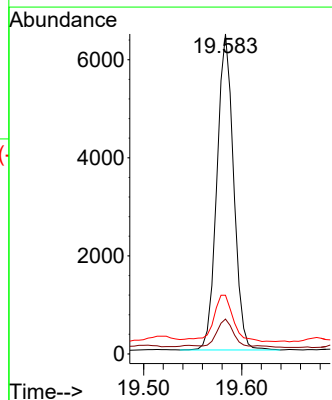
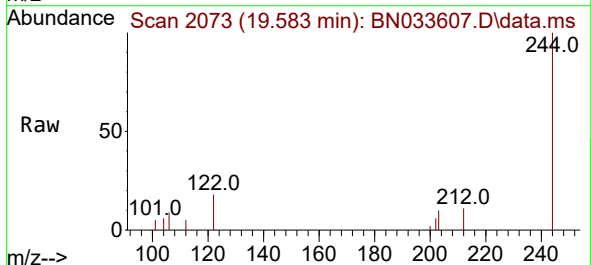
Instrument :
 BNA_N
 ClientSampleId :
 S-913-K1-SO-0-0.5-082024

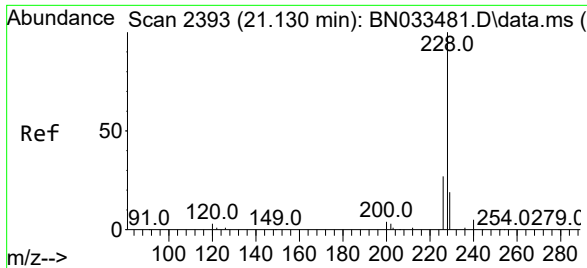
Tgt Ion:202 Resp: 186180
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 21.9 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.204 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: BN033607.D
 Acq: 24 Aug 2024 02:20

Tgt Ion:244 Resp: 7618
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.8 11.6
 122 18.3 13.3 19.9

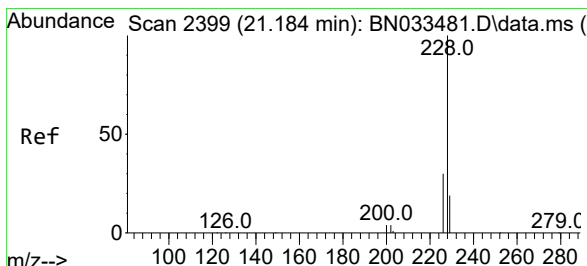
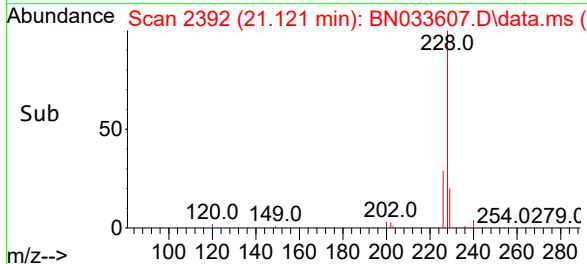
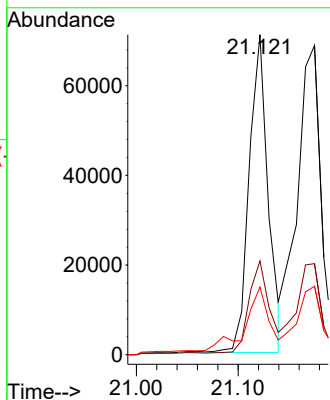
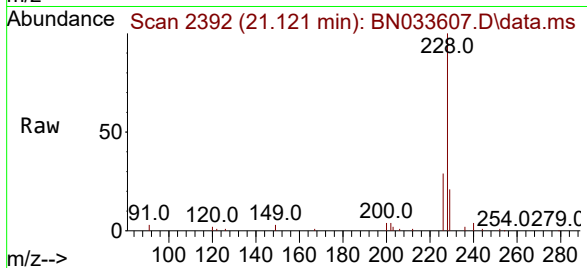




#32
Benzo(a)anthracene
Concen: 1.551 ng
RT: 21.121 min Scan# 21191
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

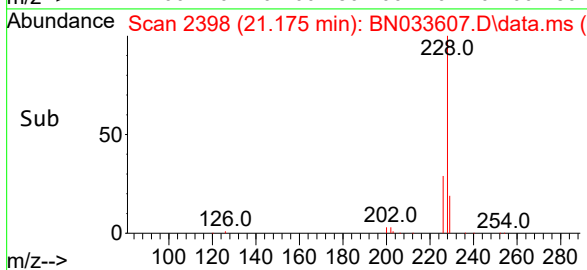
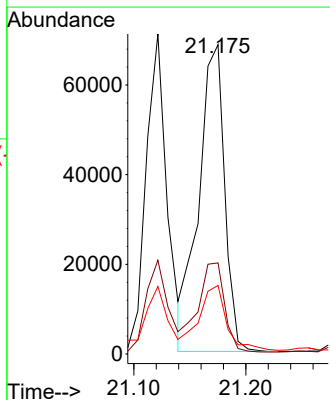
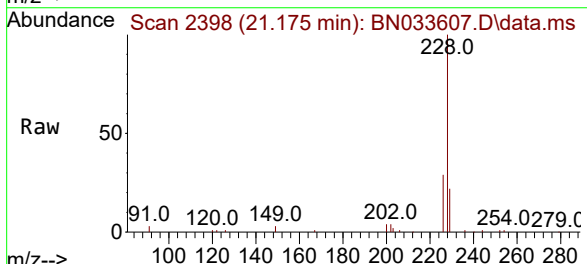
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

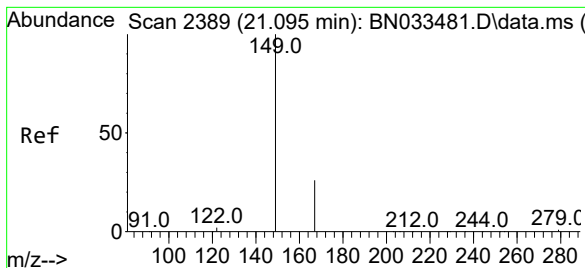
Tgt Ion:228 Resp: 92191
Ion Ratio Lower Upper
228 100
226 29.3 21.8 32.6
229 21.1 15.8 23.6



#33
Chrysene
Concen: 1.862 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:228 Resp: 109977
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 22.2 15.6 23.4

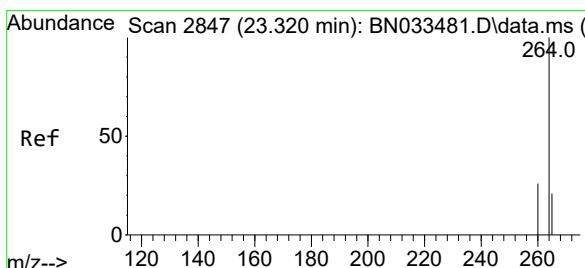
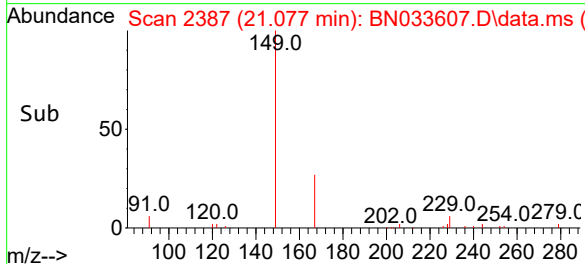
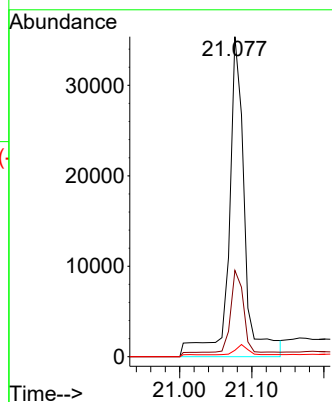
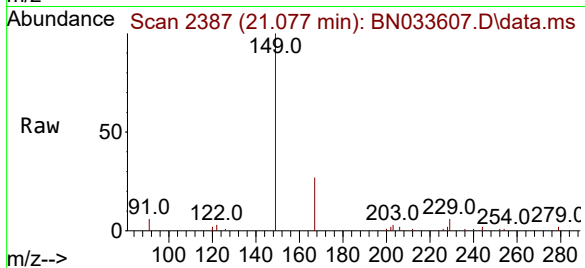




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.376 ng
RT: 21.077 min Scan# 2107
Delta R.T. -0.009 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

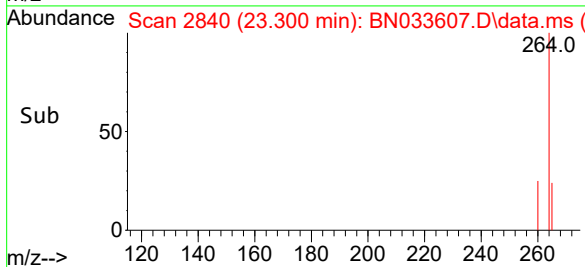
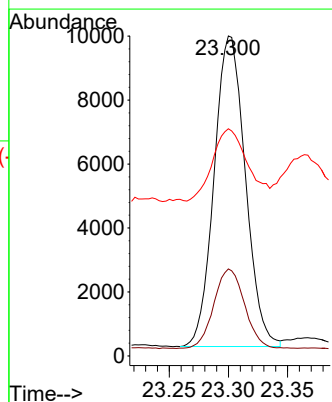
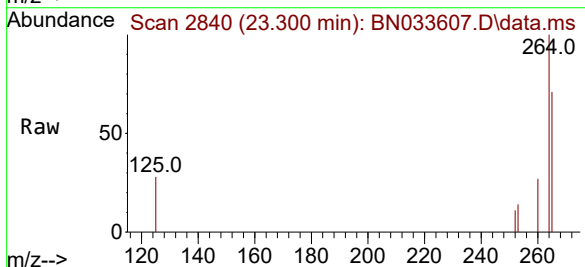
Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

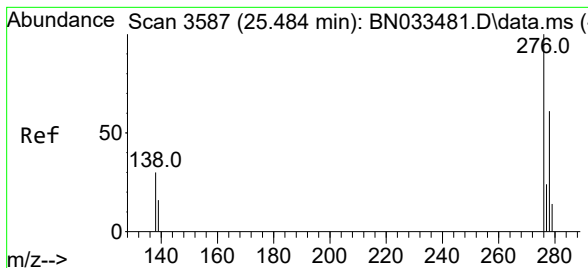
Tgt Ion:149 Resp: 51749
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 2.9 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.300 min Scan# 2840
Delta R.T. -0.003 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:264 Resp: 17832
Ion Ratio Lower Upper
264 100
260 27.2 20.8 31.2
265 71.0 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 1.133 ng

RT: 25.449 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN033607.D

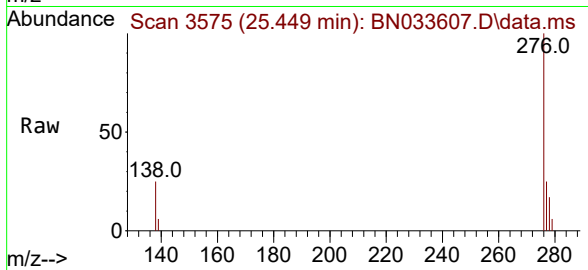
Acq: 24 Aug 2024 02:20

Instrument :

BNA_N

ClientSampleId :

S-913-K1-SO-0-0.5-082024



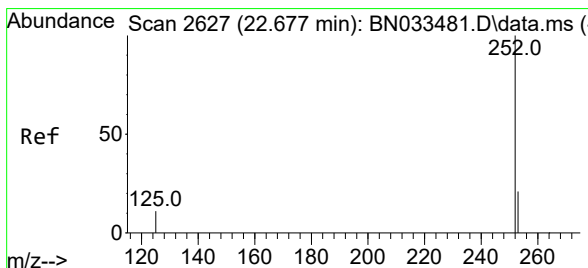
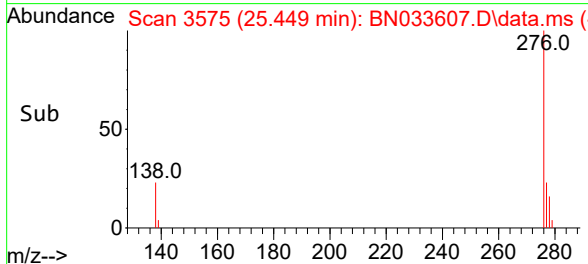
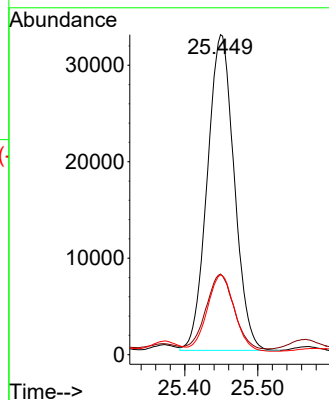
Tgt Ion:276 Resp: 83896

Ion Ratio Lower Upper

276 100

138 24.2 24.4 36.6#

277 24.4 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 2.456 ng

RT: 22.660 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033607.D

Acq: 24 Aug 2024 02:20

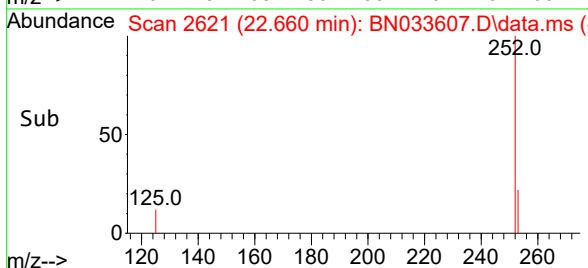
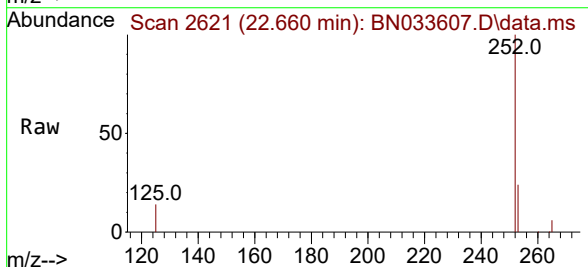
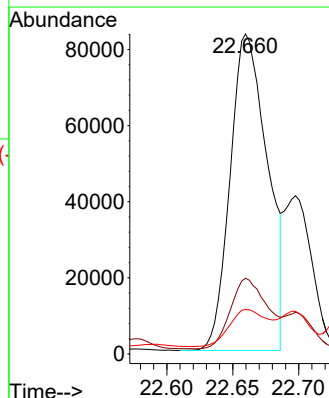
Tgt Ion:252 Resp: 163578

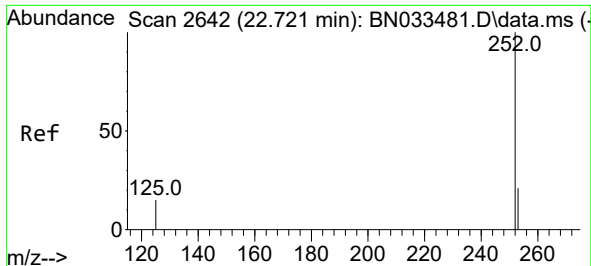
Ion Ratio Lower Upper

252 100

253 23.6 19.8 29.8

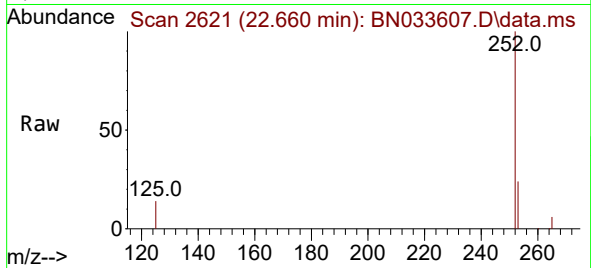
125 13.9 13.9 20.9#



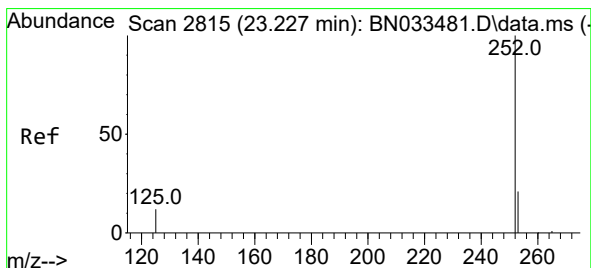
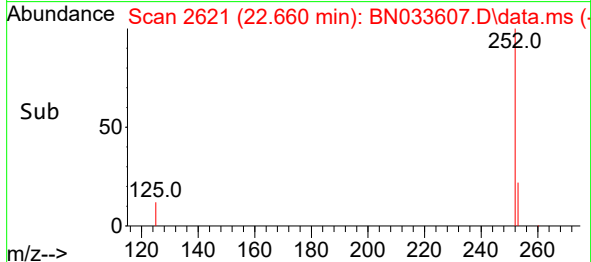
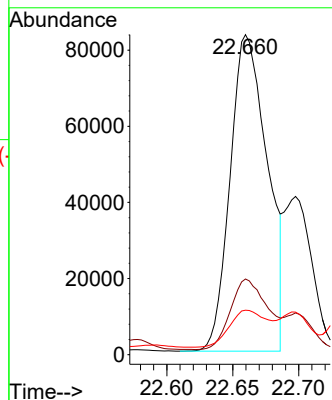


#38
Benzo(k)fluoranthene
Concen: 2.496 ng
RT: 22.660 min Scan# 2077
Delta R.T. -0.044 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

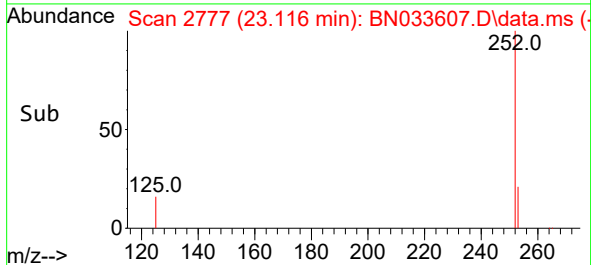
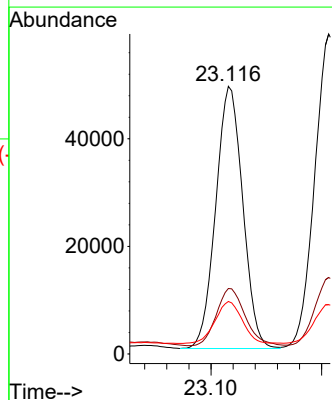
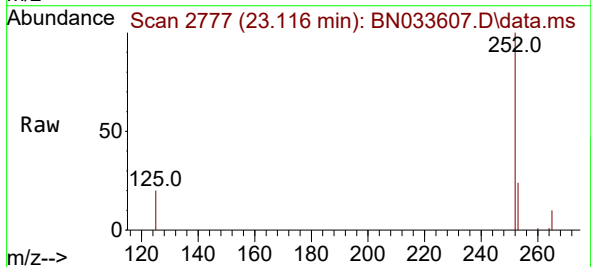


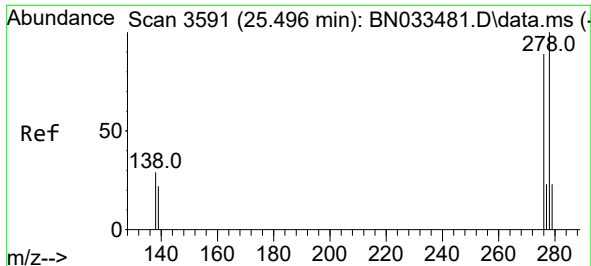
Tgt Ion:252 Resp: 163578
Ion Ratio Lower Upper
252 100
253 23.6 19.8 29.8
125 13.9 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 1.500 ng
RT: 23.116 min Scan# 2777
Delta R.T. -0.094 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:252 Resp: 82661
Ion Ratio Lower Upper
252 100
253 24.4 21.5 32.3
125 19.6 17.0 25.4

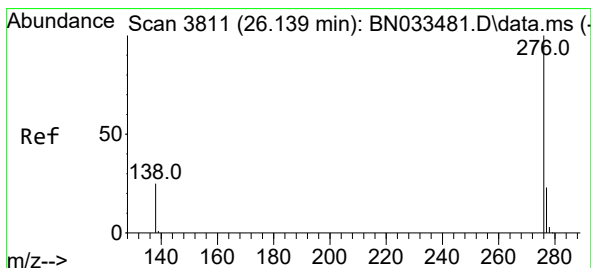
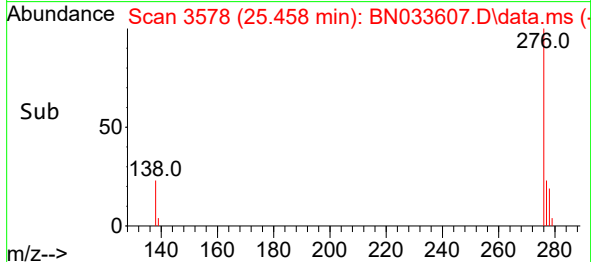
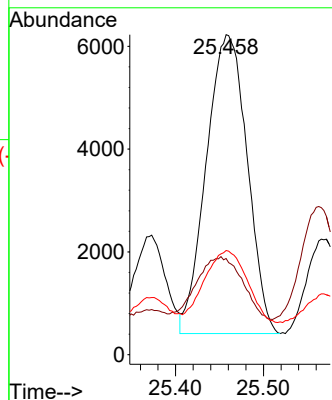
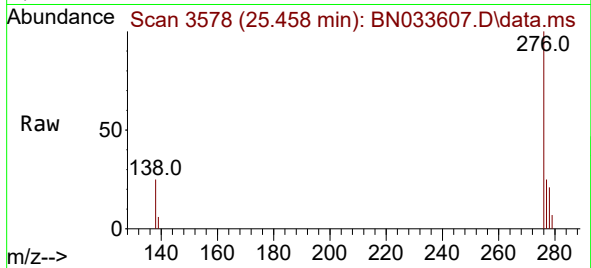




#40
Dibenzo(a,h)anthracene
Concen: 0.317 ng
RT: 25.458 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Instrument :
BNA_N
ClientSampleId :
S-913-K1-SO-0-0.5-082024

Tgt Ion:278 Resp: 18784
Ion Ratio Lower Upper
278 100
139 30.0 19.1 28.7#
279 32.6 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 1.323 ng
RT: 26.107 min Scan# 3800
Delta R.T. 0.003 min
Lab File: BN033607.D
Acq: 24 Aug 2024 02:20

Tgt Ion:276 Resp: 83773
Ion Ratio Lower Upper
276 100
277 24.6 19.7 29.5
138 25.8 21.8 32.6

