

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033534.D
 Acq On : 21 Aug 2024 09:27
 Operator : MA/JU
 Sample : P3643-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524

Quant Time: Aug 21 09:52:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

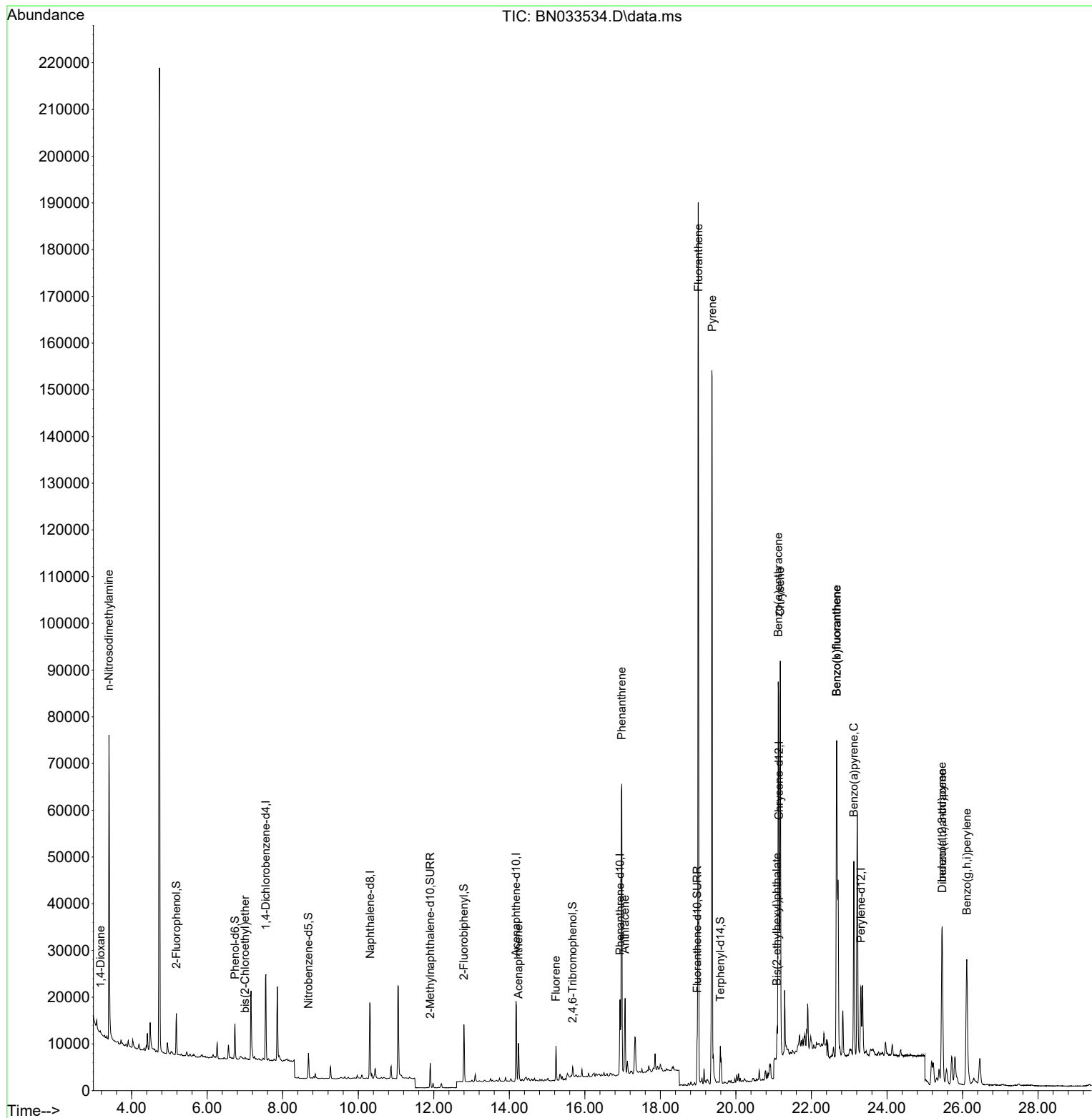
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8631	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22375	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	10411	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	20637	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	17009	0.400	ng	0.00
35) Perylene-d12	23.309	264	17540	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6186	0.226	ng	0.00
5) Phenol-d6	6.736	99	6395	0.196	ng	0.00
8) Nitrobenzene-d5	8.681	82	3934	0.212	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	6641	0.207	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	903	0.161	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	9544	0.224	ng	-0.01
27) Fluoranthene-d10	18.975	212	10268	0.207	ng	0.00
31) Terphenyl-d14	19.588	244	6760	0.175	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	273	0.027	ng	# 1
3) n-Nitrosodimethylamine	3.399	42	8527	0.738	ng	# 1
6) bis(2-Chloroethyl)ether	7.003	93	611	0.026	ng	# 24
17) Acenaphthene	14.242	154	3943	0.123	ng	98
18) Fluorene	15.236	166	4484	0.111	ng	96
25) Phenanthrene	16.979	178	73864	1.287	ng	100
26) Anthracene	17.066	178	15938	0.314	ng	# 96
28) Fluoranthene	19.003	202	163259	2.573	ng	100
30) Pyrene	19.370	202	139854	1.842	ng	# 94
32) Benzo(a)anthracene	21.121	228	73388	1.193	ng	97
33) Chrysene	21.175	228	73867	1.208	ng	98
34) Bis(2-ethylhexyl)phtha...	21.085	149	12190	0.313	ng	# 66
36) Indeno(1,2,3-cd)pyrene	25.460	276	50365	0.692	ng	95
37) Benzo(b)fluoranthene	22.668	252	104090	1.589	ng	96
38) Benzo(k)fluoranthene	22.668	252	104090	1.614	ng	# 94
39) Benzo(a)pyrene	23.124	252	52258	0.964	ng	97
40) Dibenzo(a,h)anthracene	25.466	278	11214	0.193	ng	# 91
41) Benzo(g,h,i)perylene	26.112	276	51527	0.828	ng	99

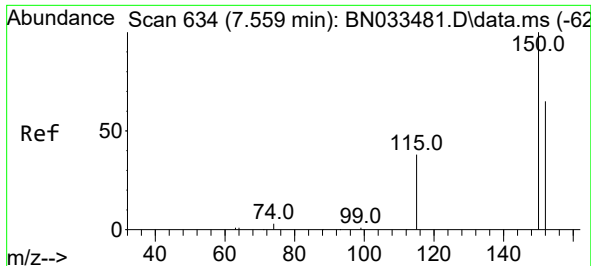
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
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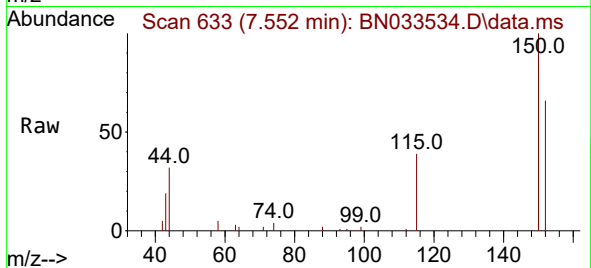
Quant Time: Aug 21 09:52:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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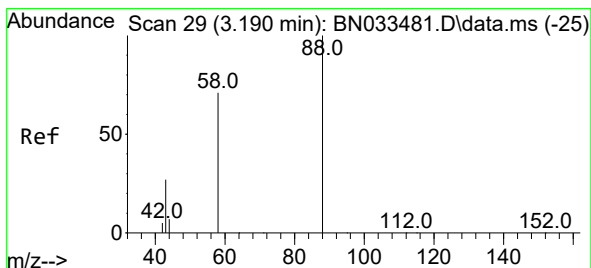
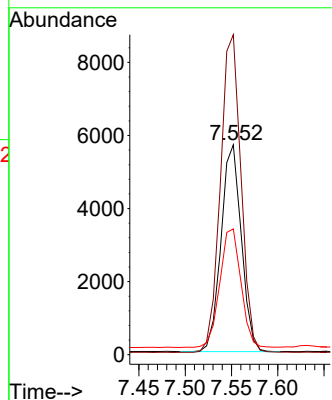
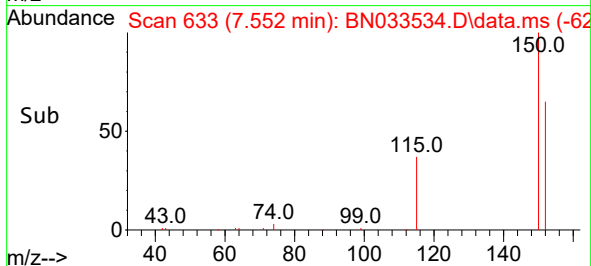


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524

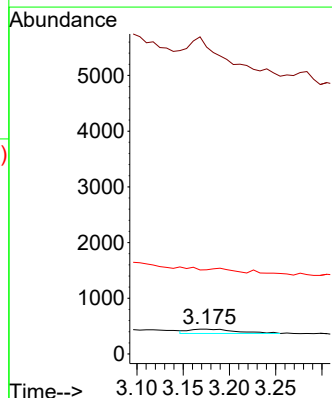
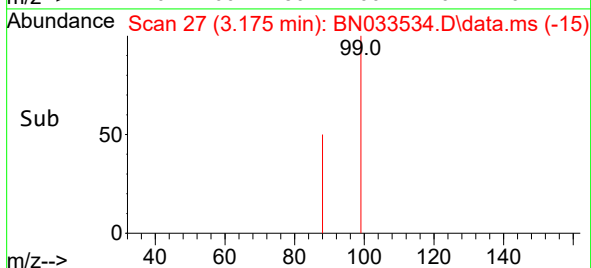
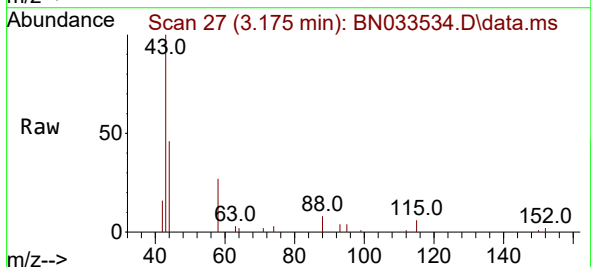


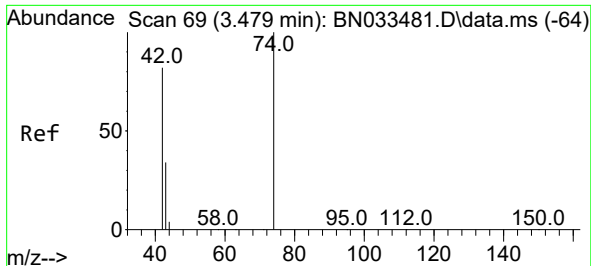
Tgt Ion:152 Resp: 8631
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.2 183.2
 115 59.9 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.015 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

Tgt Ion: 88 Resp: 273
 Ion Ratio Lower Upper
 88 100
 43 710.3 25.0 37.4#
 58 0.0 62.5 93.7#

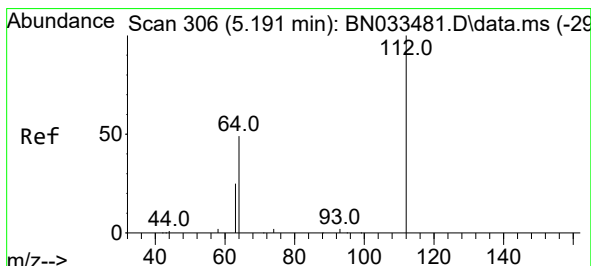
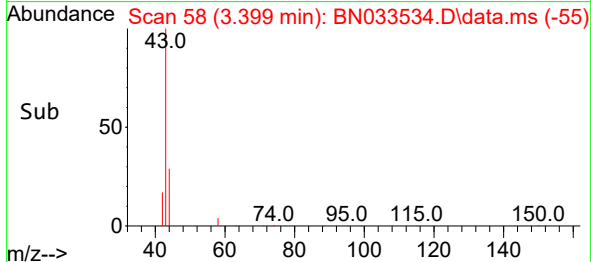
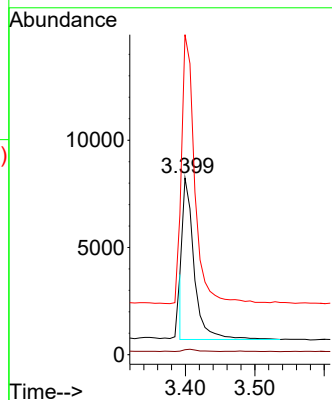
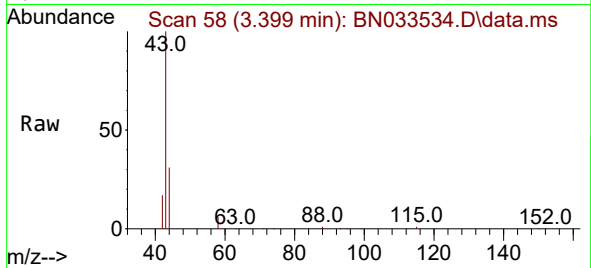




#3
 n-Nitrosodimethylamine
 Concen: 0.738 ng
 RT: 3.399 min Scan# 51
 Delta R.T. -0.080 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

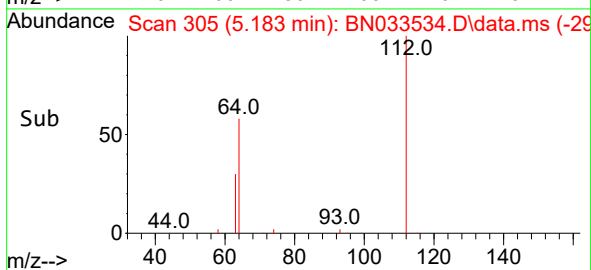
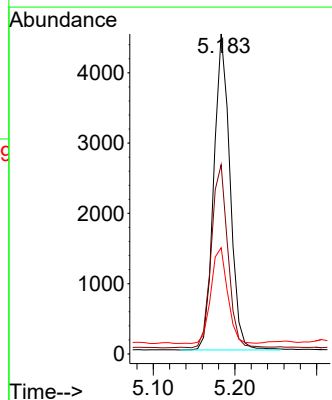
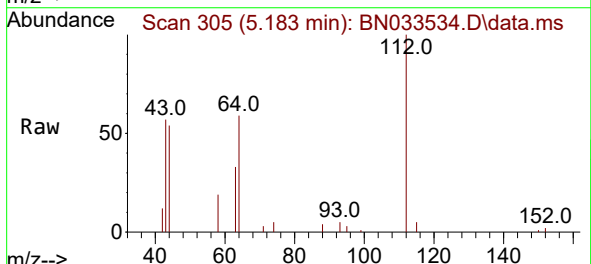
Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524

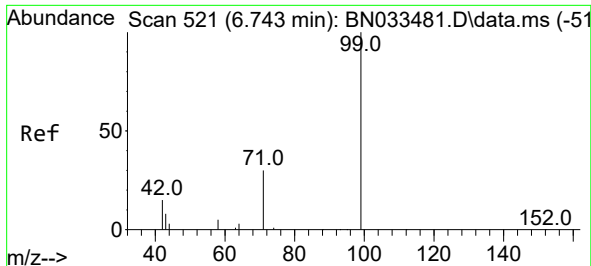
Tgt Ion: 42 Resp: 8527
 Ion Ratio Lower Upper
 42 100
 74 1.7 100.2 150.2#
 44 169.3 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.226 ng
 RT: 5.183 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

Tgt Ion: 112 Resp: 6186
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.1 70.7
 63 30.8 24.9 37.3

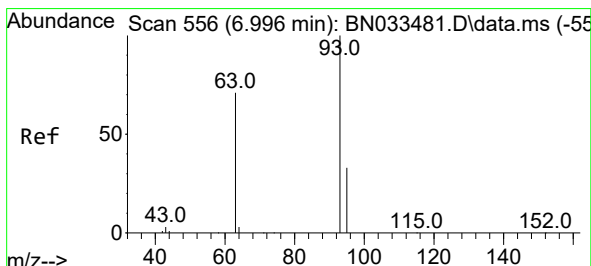
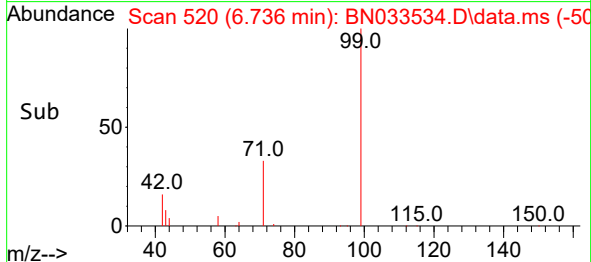
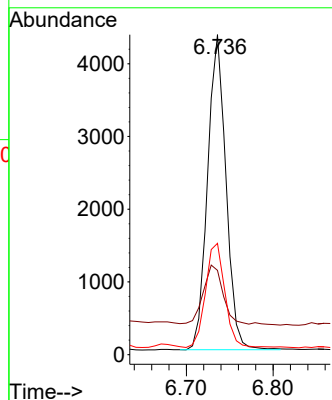
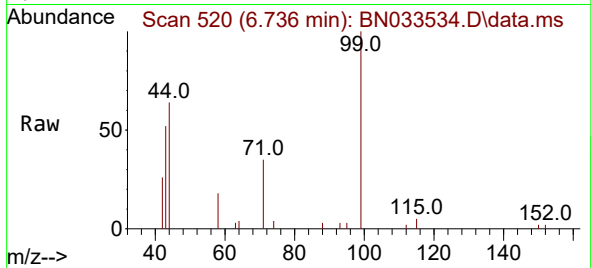




#5
Phenol-d6
Concen: 0.196 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

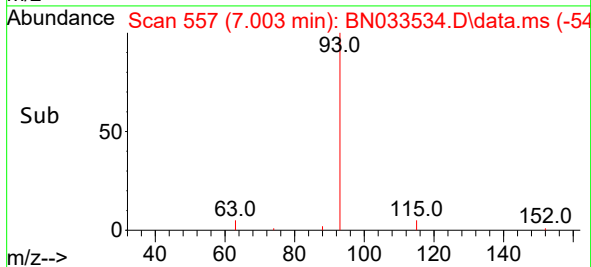
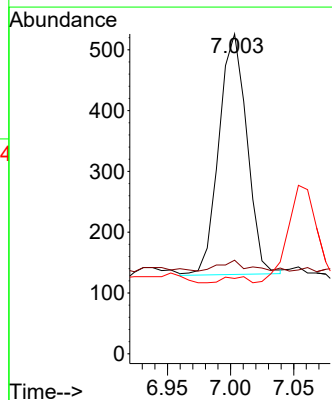
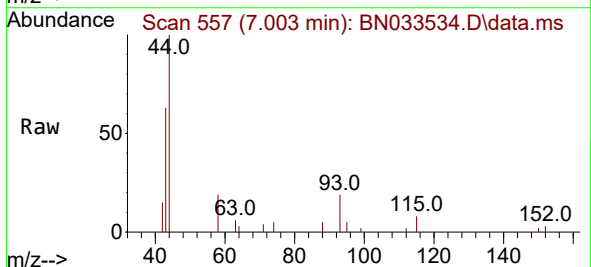
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BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

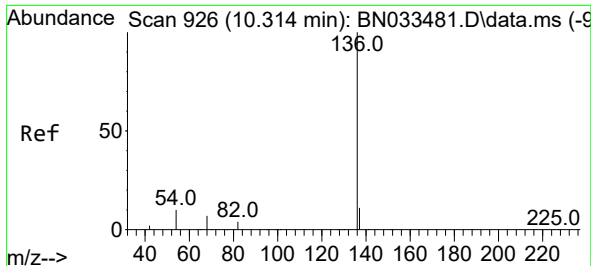
Tgt Ion: 99 Resp: 6395
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 34.8 26.2 39.4



#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.007 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion: 93 Resp: 611
Ion Ratio Lower Upper
93 100
63 4.4 63.0 94.4#
95 2.0 26.0 39.0#

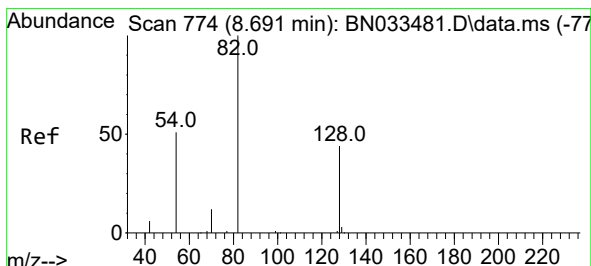
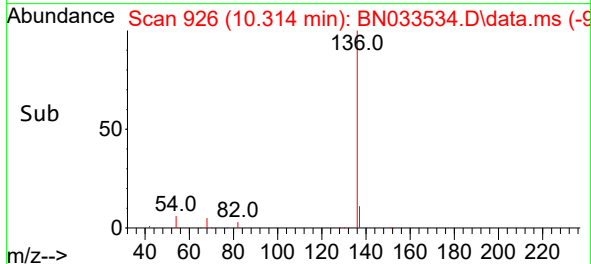
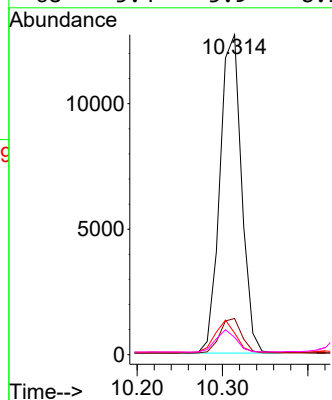
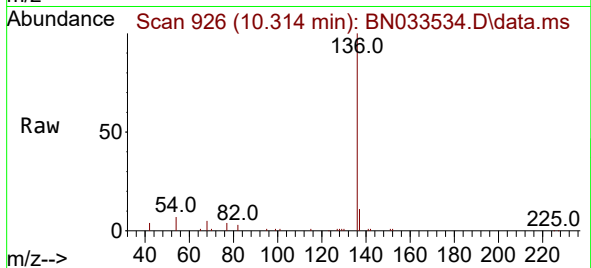




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

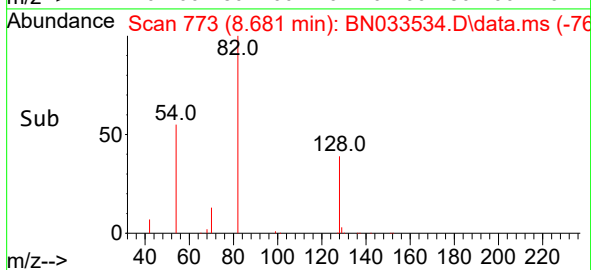
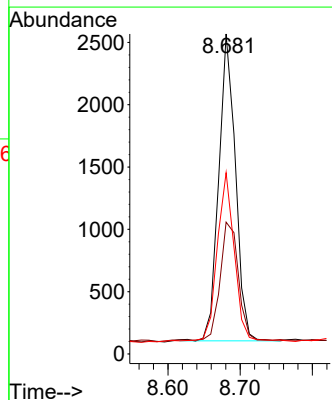
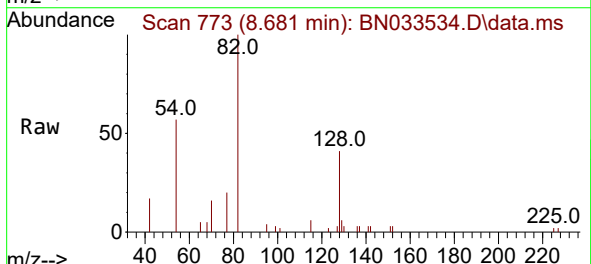
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921-J-SD-0-0.5-081524

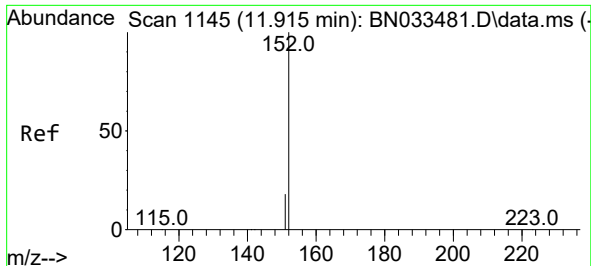
Tgt Ion:	136	Resp:	22375
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.7	8.3	12.5#
68	5.4	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:	82	Resp:	3934
Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.0	54.0
54	56.7	42.0	63.0

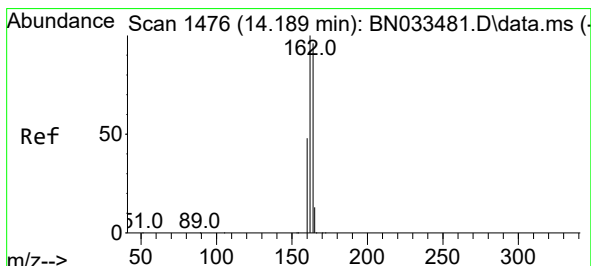
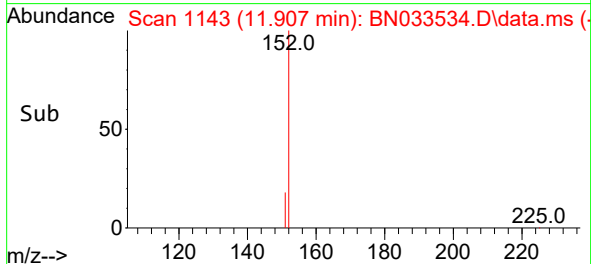
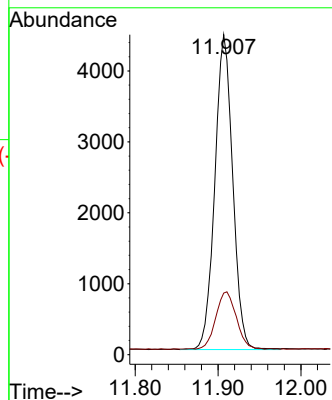
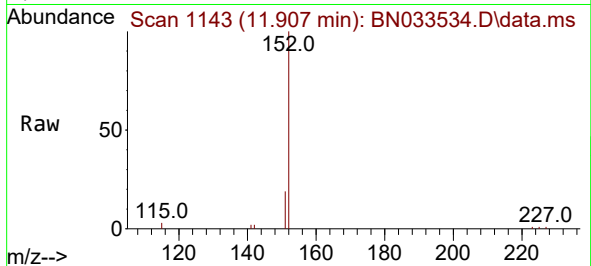




#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 11.907 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

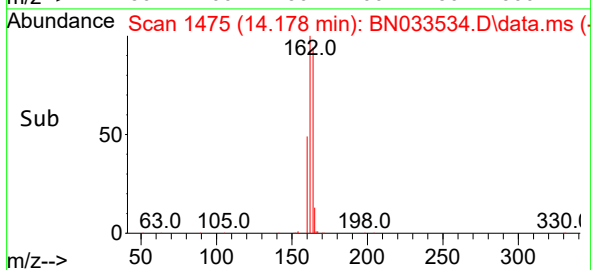
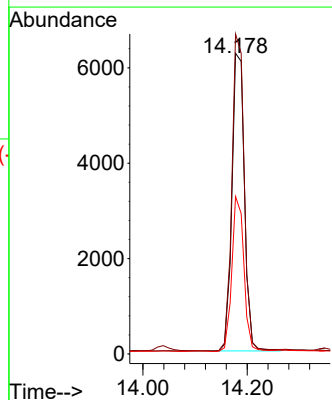
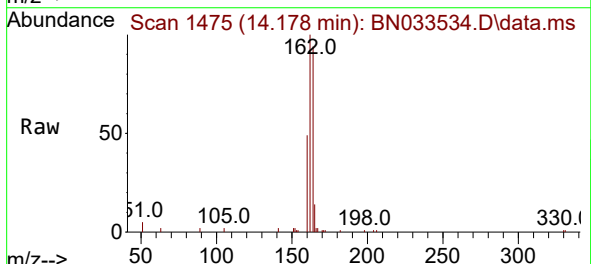
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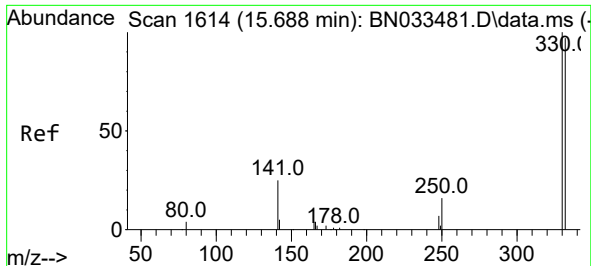
Tgt Ion:152 Resp: 6641
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

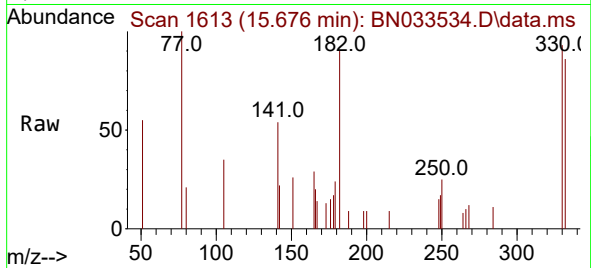
Tgt Ion:164 Resp: 10411
Ion Ratio Lower Upper
164 100
162 106.4 83.5 125.3
160 52.3 40.2 60.4



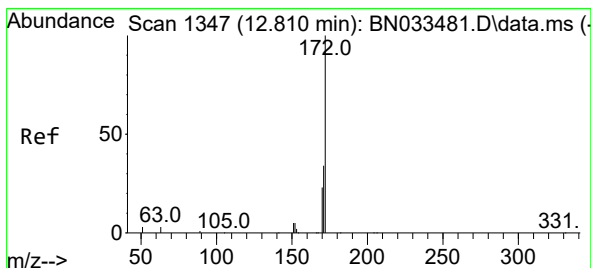
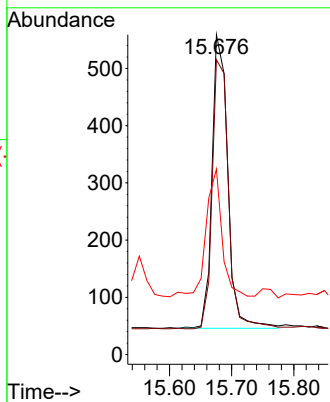
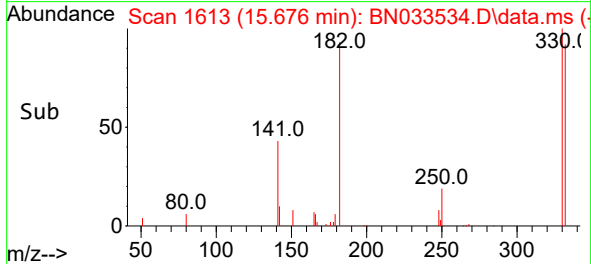


#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

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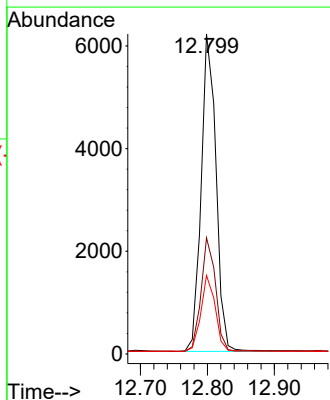
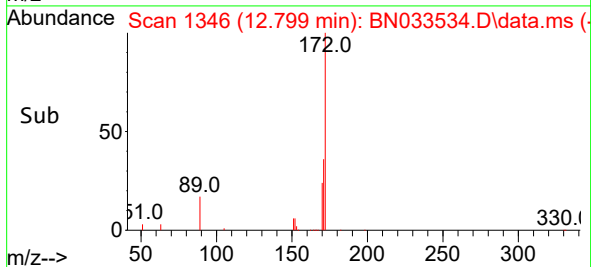
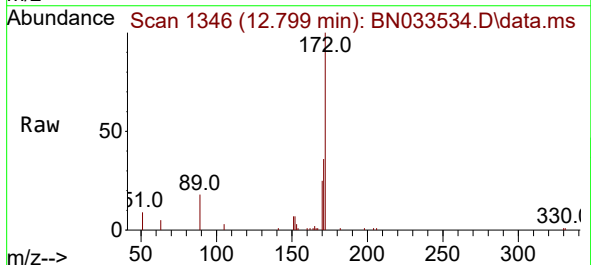


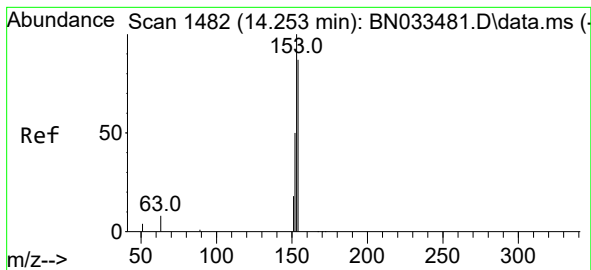
Tgt Ion:330 Resp: 903
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 44.5 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:172 Resp: 9544
Ion Ratio Lower Upper
172 100
171 36.3 27.7 41.5
170 24.6 18.3 27.5





#17

Acenaphthene

Concen: 0.123 ng

RT: 14.242 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN033534.D

Acq: 21 Aug 2024 09:27

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524

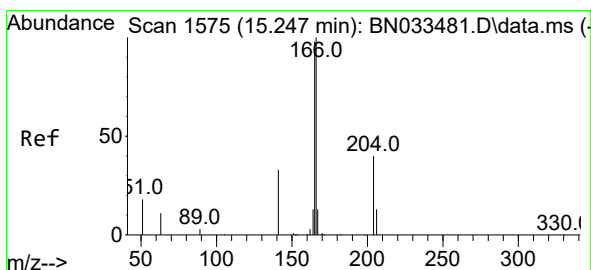
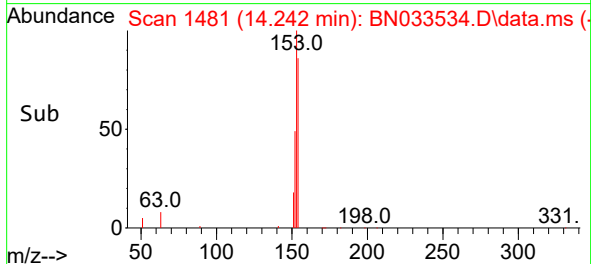
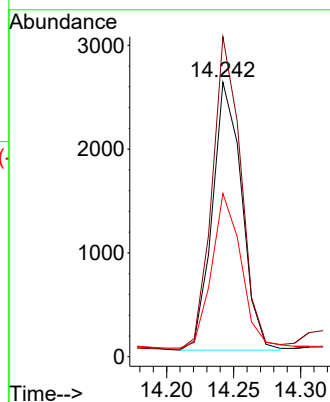
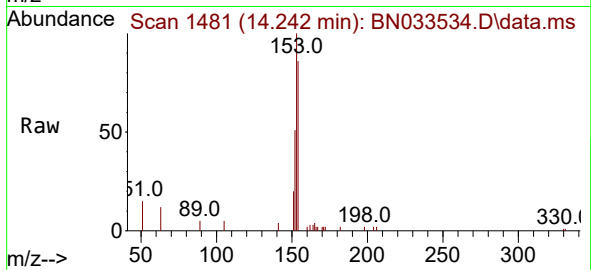
Tgt Ion:154 Resp: 3943

Ion Ratio Lower Upper

154 100

153 113.9 89.0 133.6

152 57.9 45.2 67.8



#18

Fluorene

Concen: 0.111 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.011 min

Lab File: BN033534.D

Acq: 21 Aug 2024 09:27

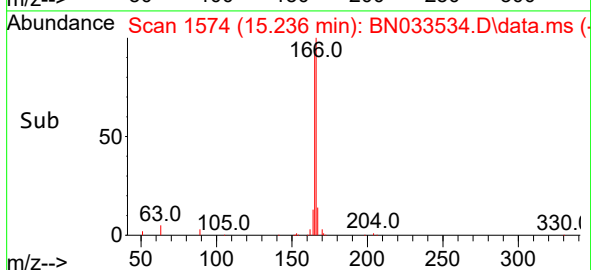
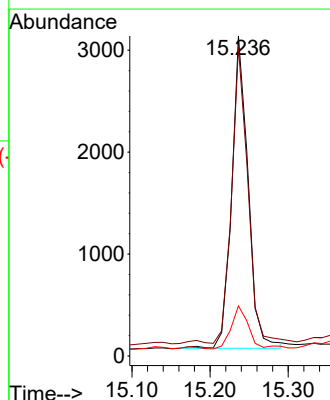
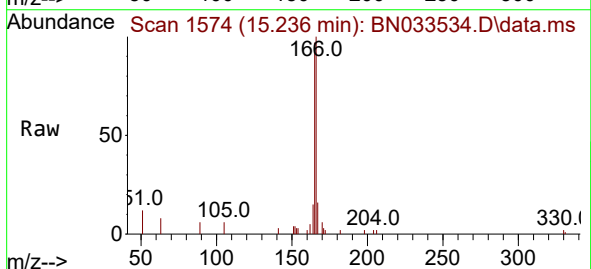
Tgt Ion:166 Resp: 4484

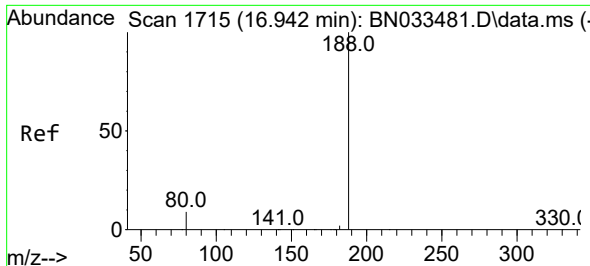
Ion Ratio Lower Upper

166 100

165 93.4 78.2 117.4

167 14.8 10.6 16.0

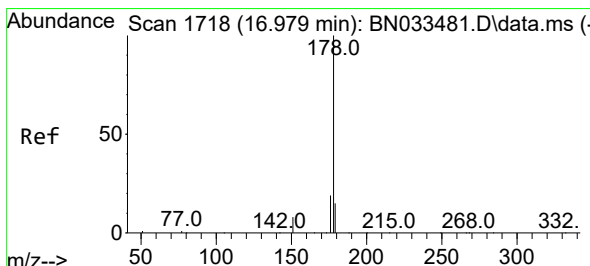
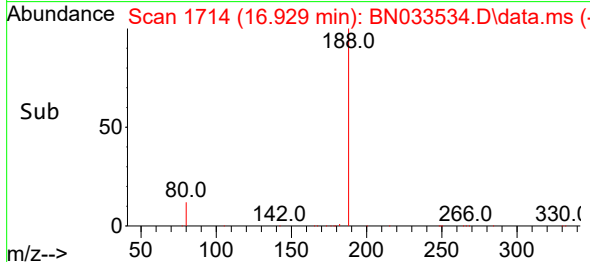
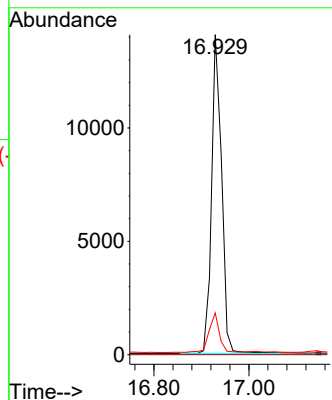
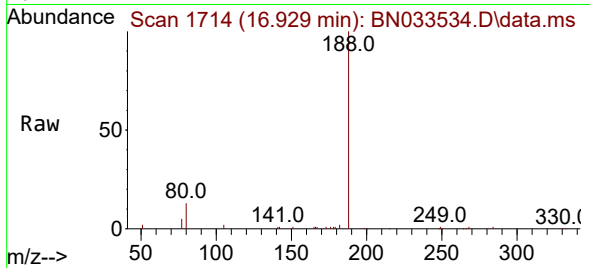




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

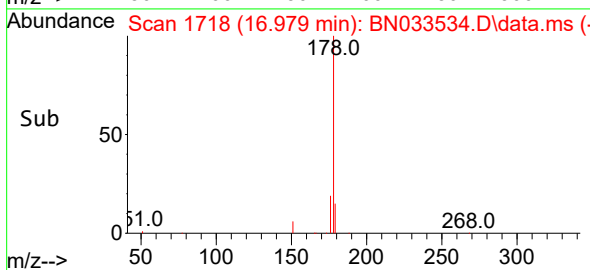
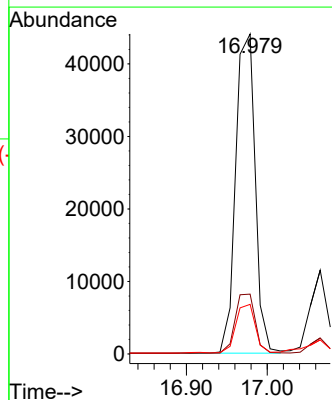
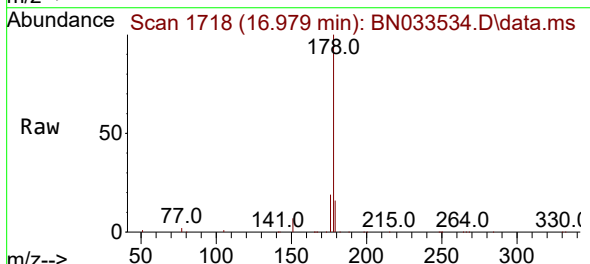
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

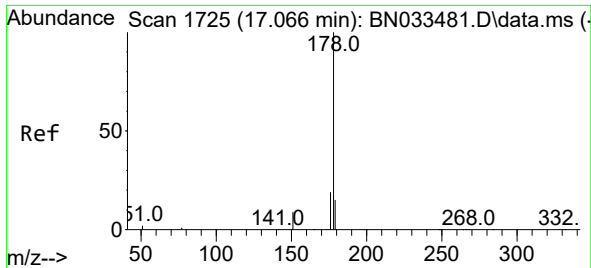
Tgt Ion:188 Resp: 20637
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.8 11.8#



#25
Phenanthrene
Concen: 1.287 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:178 Resp: 73864
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.3 18.5

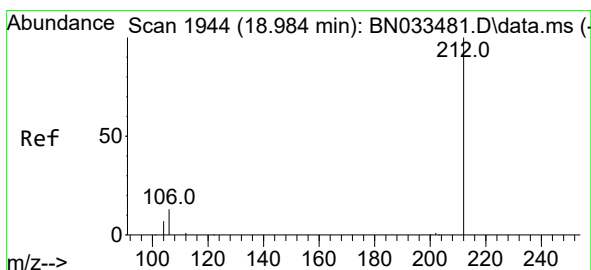
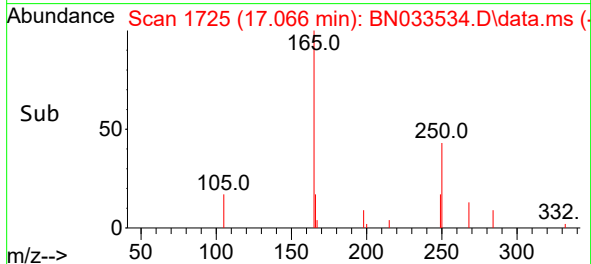
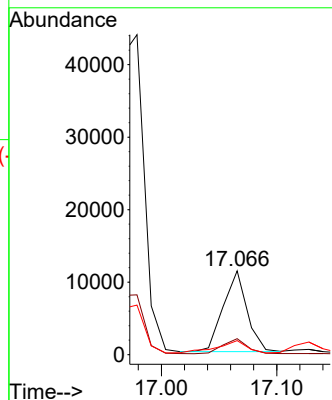
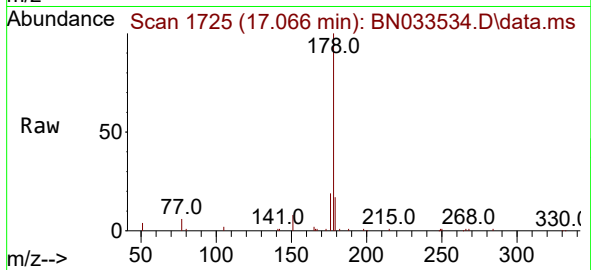




#26
 Anthracene
 Concen: 0.314 ng
 RT: 17.066 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

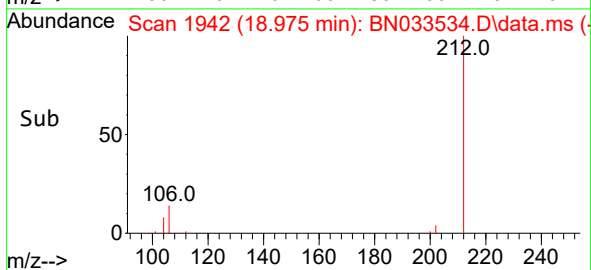
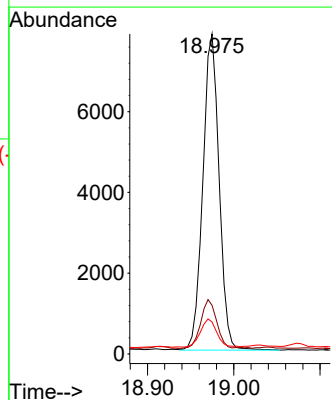
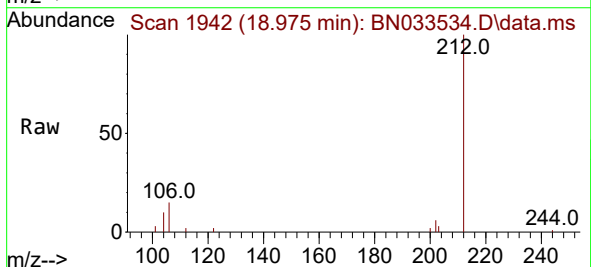
Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524

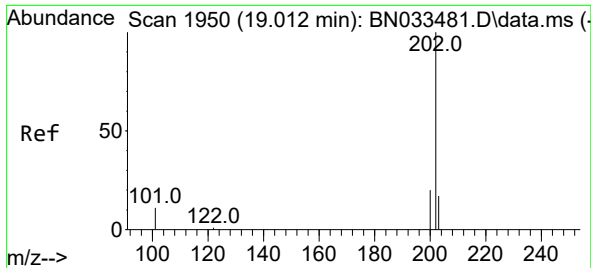
Tgt Ion:178 Resp: 15938
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.0 22.6
 179 18.7 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.207 ng
 RT: 18.975 min Scan# 1942
 Delta R.T. -0.009 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

Tgt Ion:212 Resp: 10268
 Ion Ratio Lower Upper
 212 100
 106 15.3 12.3 18.5
 104 8.9 7.0 10.4

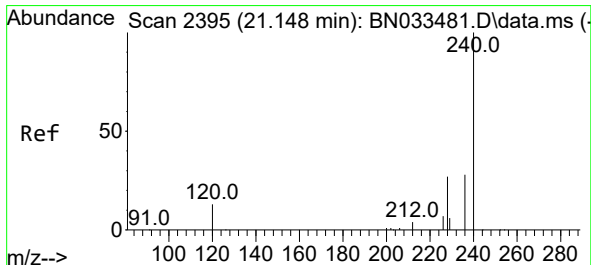
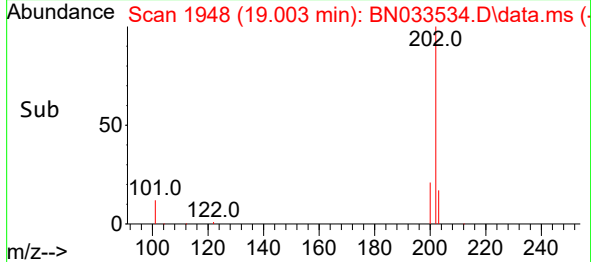
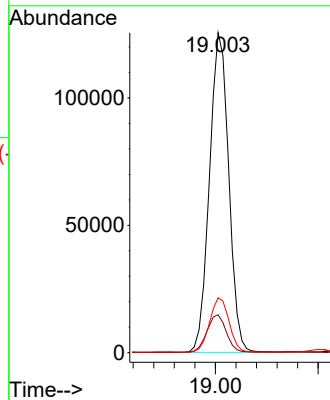
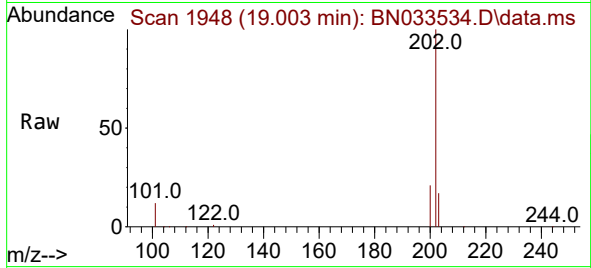




#28
Fluoranthene
Concen: 2.573 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

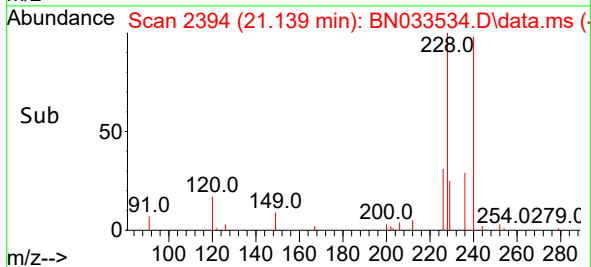
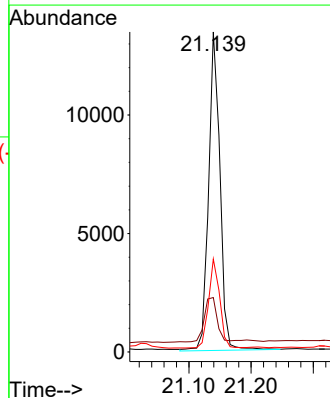
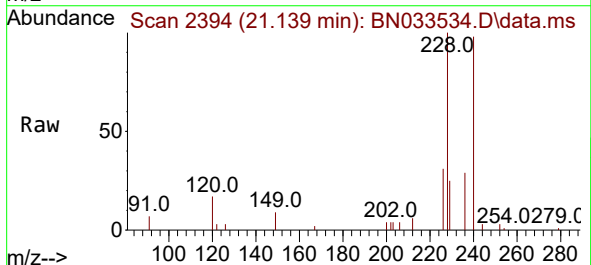
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

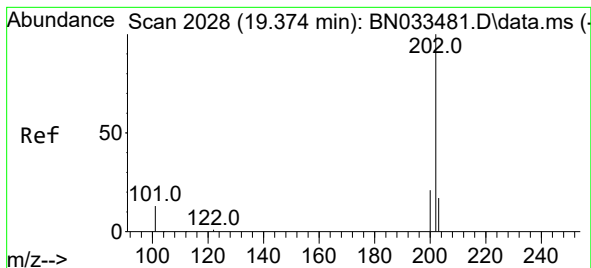
Tgt Ion:202 Resp: 163259
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
203 17.2 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:240 Resp: 17009
Ion Ratio Lower Upper
240 100
120 17.0 12.4 18.6
236 29.1 23.0 34.6





#30

Pyrene

Concen: 1.842 ng

RT: 19.370 min Scan# 2028

Delta R.T. -0.005 min

Lab File: BN033534.D

Acq: 21 Aug 2024 09:27

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524

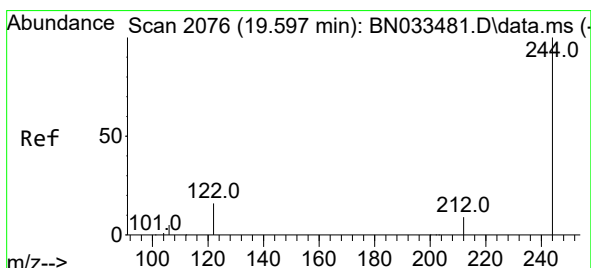
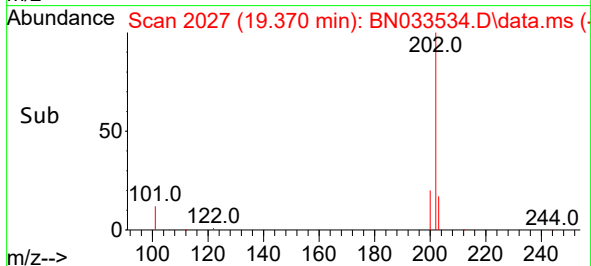
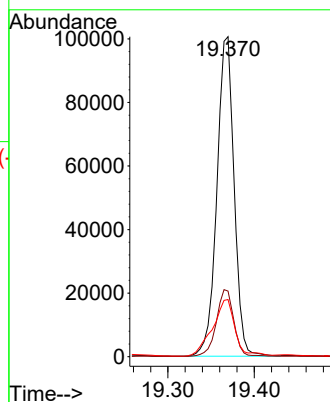
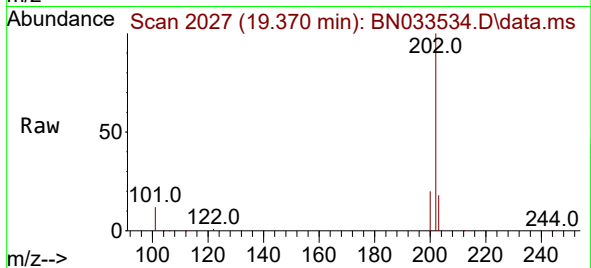
Tgt Ion:202 Resp: 139854

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

203 23.0 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.175 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033534.D

Acq: 21 Aug 2024 09:27

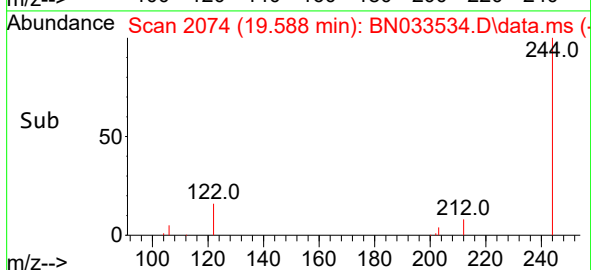
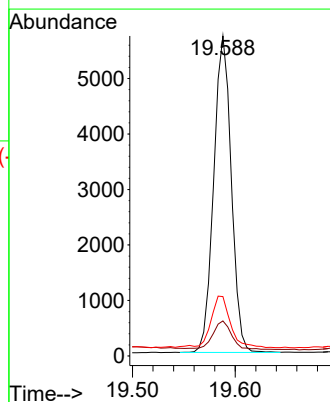
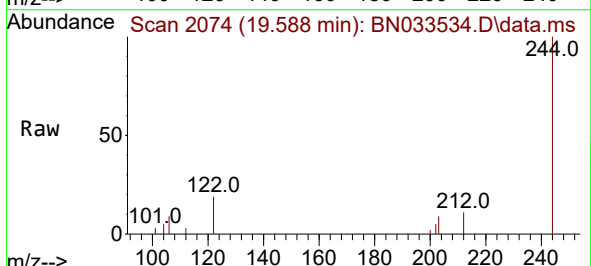
Tgt Ion:244 Resp: 6760

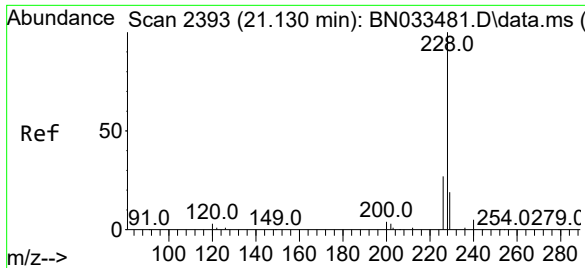
Ion Ratio Lower Upper

244 100

212 10.9 7.8 11.6

122 18.6 13.3 19.9

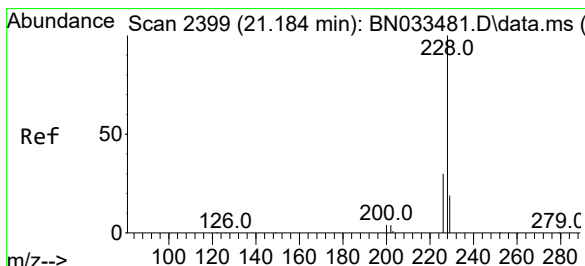
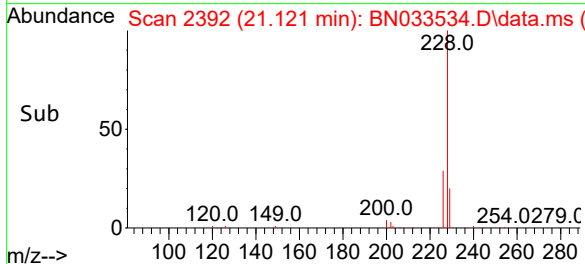
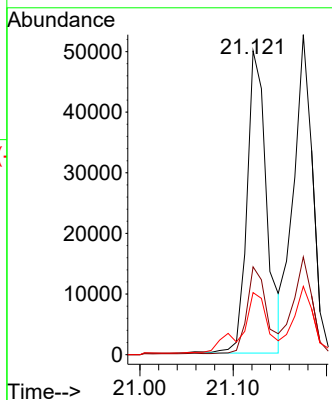
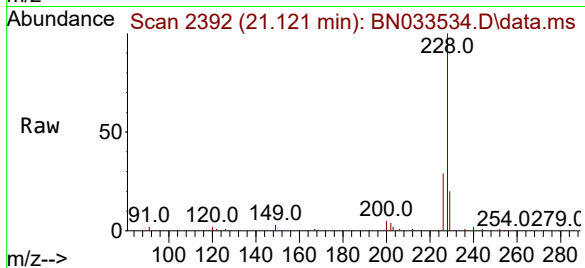




#32
Benzo(a)anthracene
Concen: 1.193 ng
RT: 21.121 min Scan# 21121
Delta R.T. -0.009 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

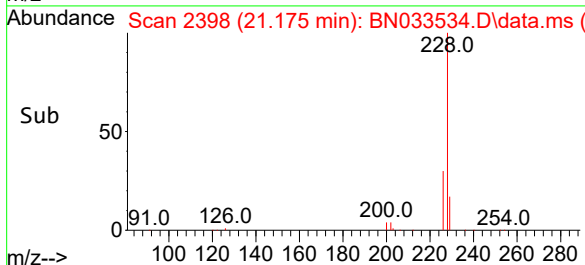
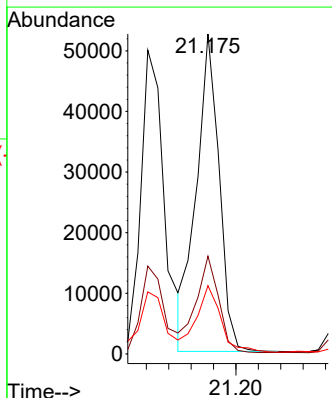
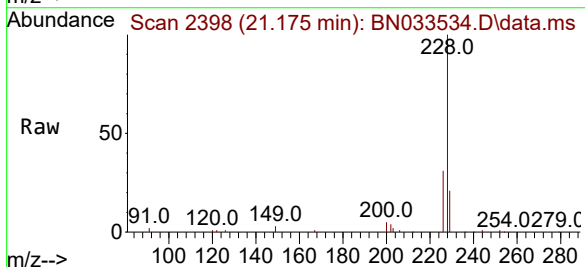
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

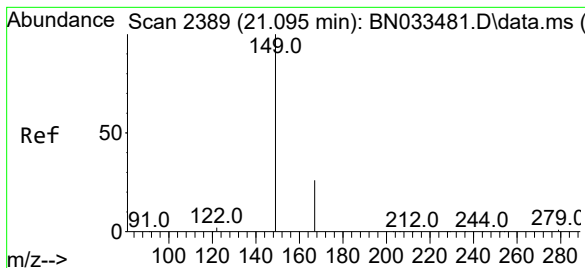
Tgt Ion:228 Resp: 73388
Ion Ratio Lower Upper
228 100
226 28.9 21.8 32.6
229 20.4 15.8 23.6



#33
Chrysene
Concen: 1.208 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:228 Resp: 73867
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 21.4 15.6 23.4

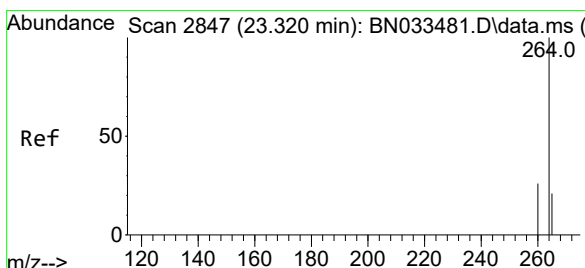
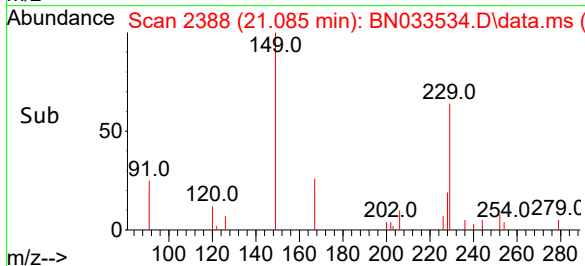
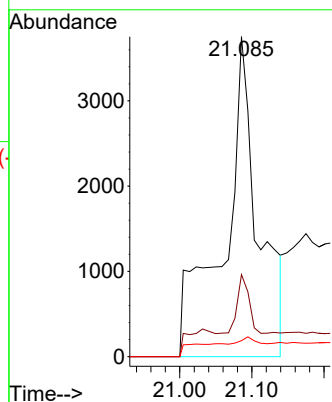
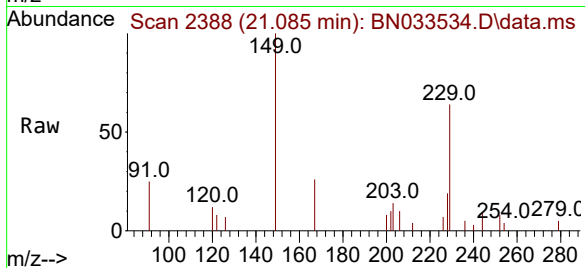




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.313 ng
 RT: 21.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

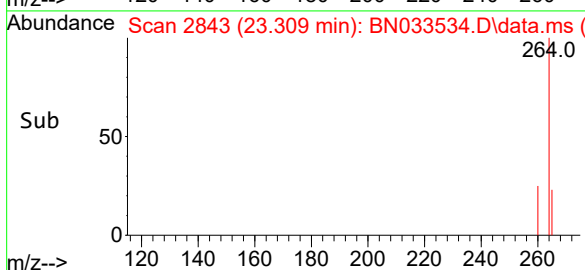
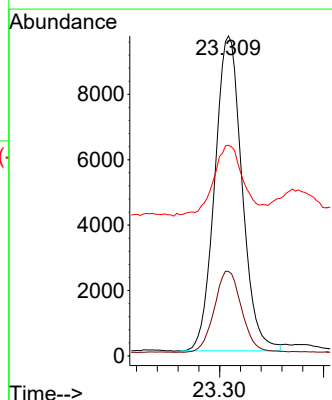
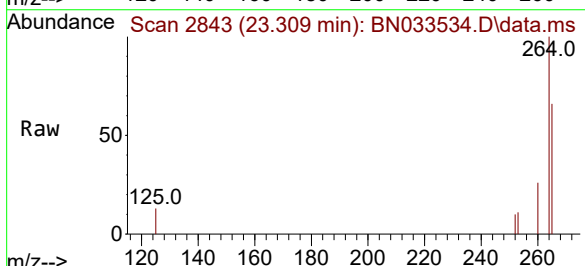
Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524

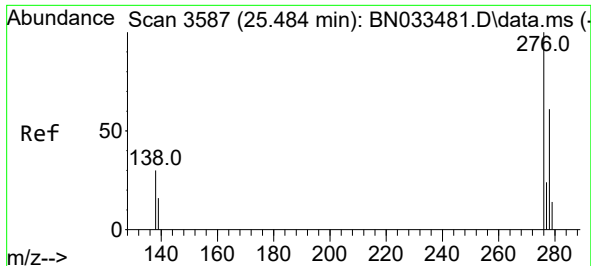
Tgt Ion:149 Resp: 12190
 Ion Ratio Lower Upper
 149 100
 167 8.3 21.5 32.3#
 279 9.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.309 min Scan# 2843
 Delta R.T. -0.012 min
 Lab File: BN033534.D
 Acq: 21 Aug 2024 09:27

Tgt Ion:264 Resp: 17540
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.8 31.2
 265 65.8 52.2 78.2

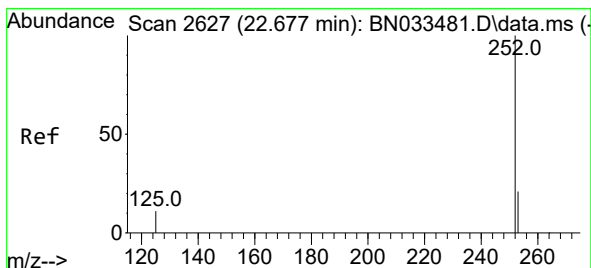
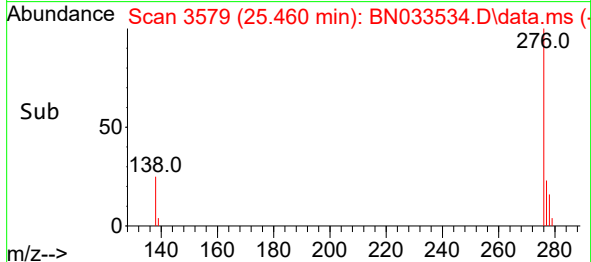
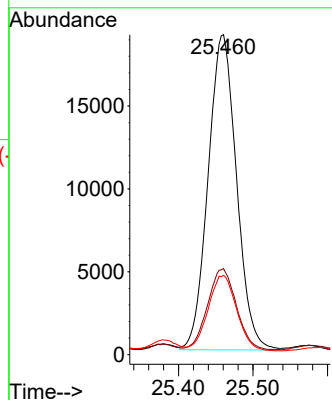
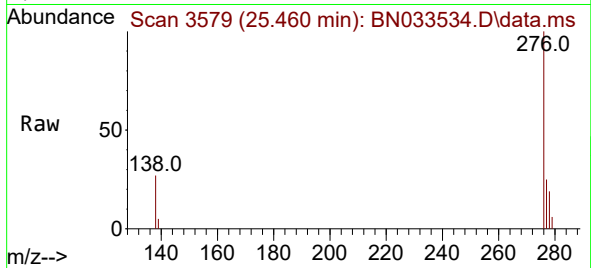




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.692 ng
RT: 25.460 min Scan# 3579
Delta R.T. -0.024 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

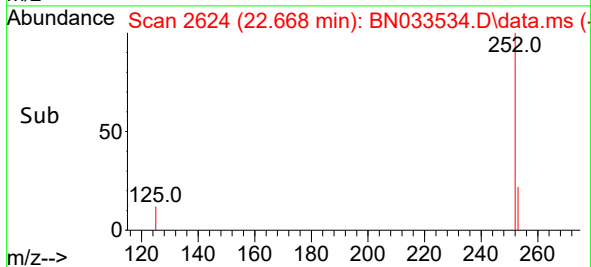
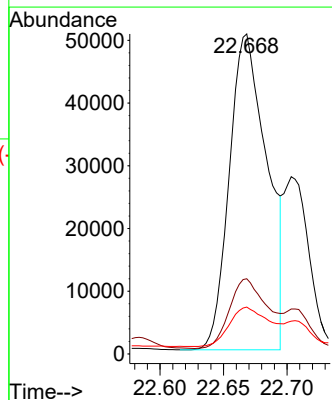
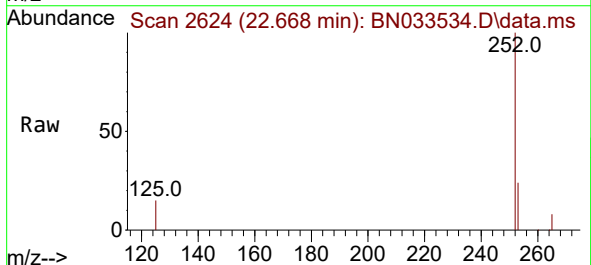
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

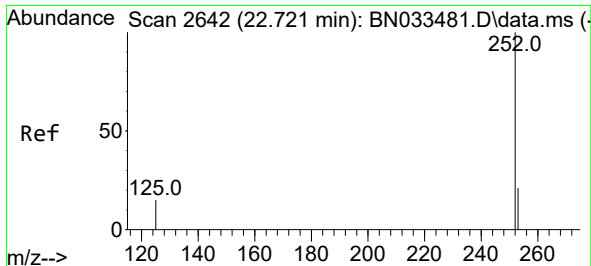
Tgt Ion:276 Resp: 50365
Ion Ratio Lower Upper
276 100
138 25.8 24.4 36.6
277 24.1 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 1.589 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.009 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

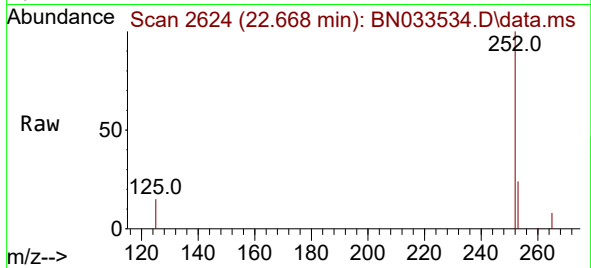
Tgt Ion:252 Resp: 104090
Ion Ratio Lower Upper
252 100
253 23.5 19.8 29.8
125 14.7 13.9 20.9



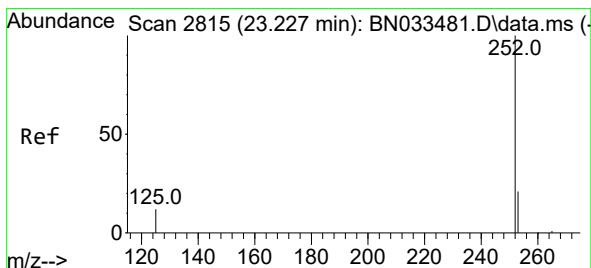
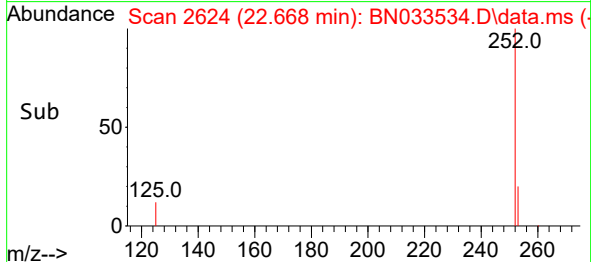
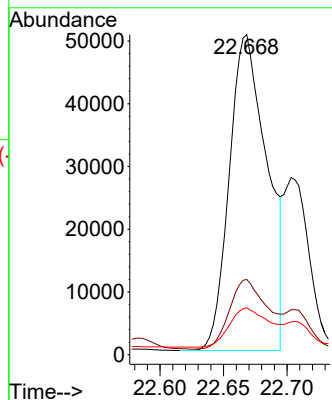


#38
Benzo(k)fluoranthene
Concen: 1.614 ng
RT: 22.668 min Scan# 2780
Delta R.T. -0.053 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

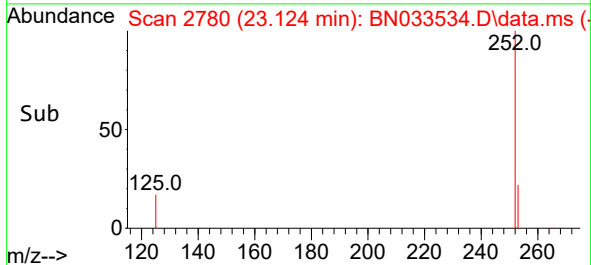
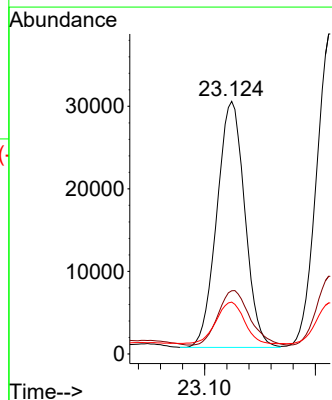
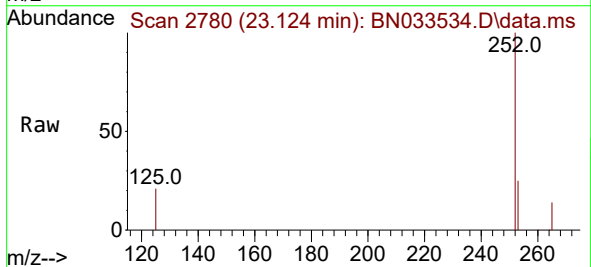


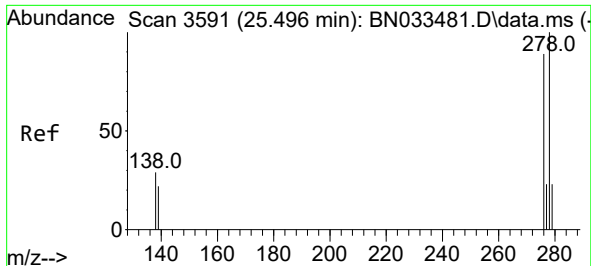
Tgt Ion:252 Resp: 104090
Ion Ratio Lower Upper
252 100
253 23.5 19.8 29.8
125 14.7 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.964 ng
RT: 23.124 min Scan# 2780
Delta R.T. -0.102 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:252 Resp: 52258
Ion Ratio Lower Upper
252 100
253 25.0 21.5 32.3
125 20.5 17.0 25.4

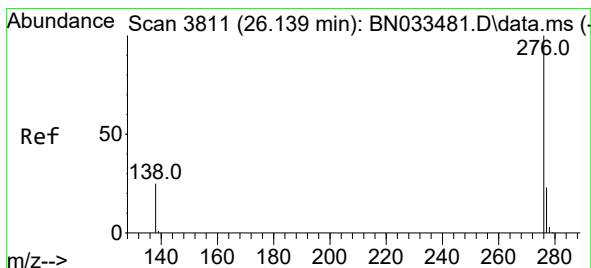
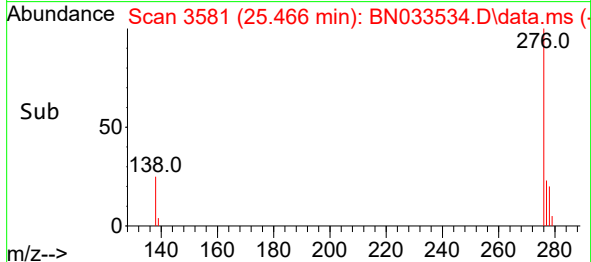
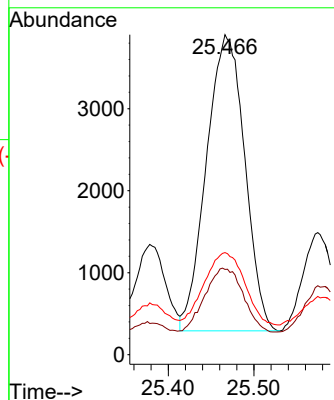
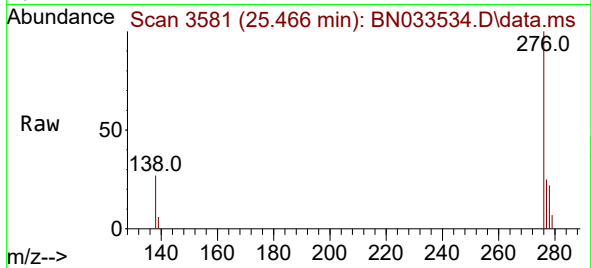




#40
Dibenzo(a,h)anthracene
Concen: 0.193 ng
RT: 25.466 min Scan# 31
Delta R.T. -0.029 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524

Tgt Ion:278 Resp: 11214
Ion Ratio Lower Upper
278 100
139 26.6 19.1 28.7
279 31.9 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.828 ng
RT: 26.112 min Scan# 3802
Delta R.T. -0.026 min
Lab File: BN033534.D
Acq: 21 Aug 2024 09:27

Tgt Ion:276 Resp: 51527
Ion Ratio Lower Upper
276 100
277 24.2 19.7 29.5
138 26.9 21.8 32.6

