

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033555.D
 Acq On : 22 Aug 2024 16:30
 Operator : MA/JU
 Sample : P3643-13DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 22 17:46:17 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)

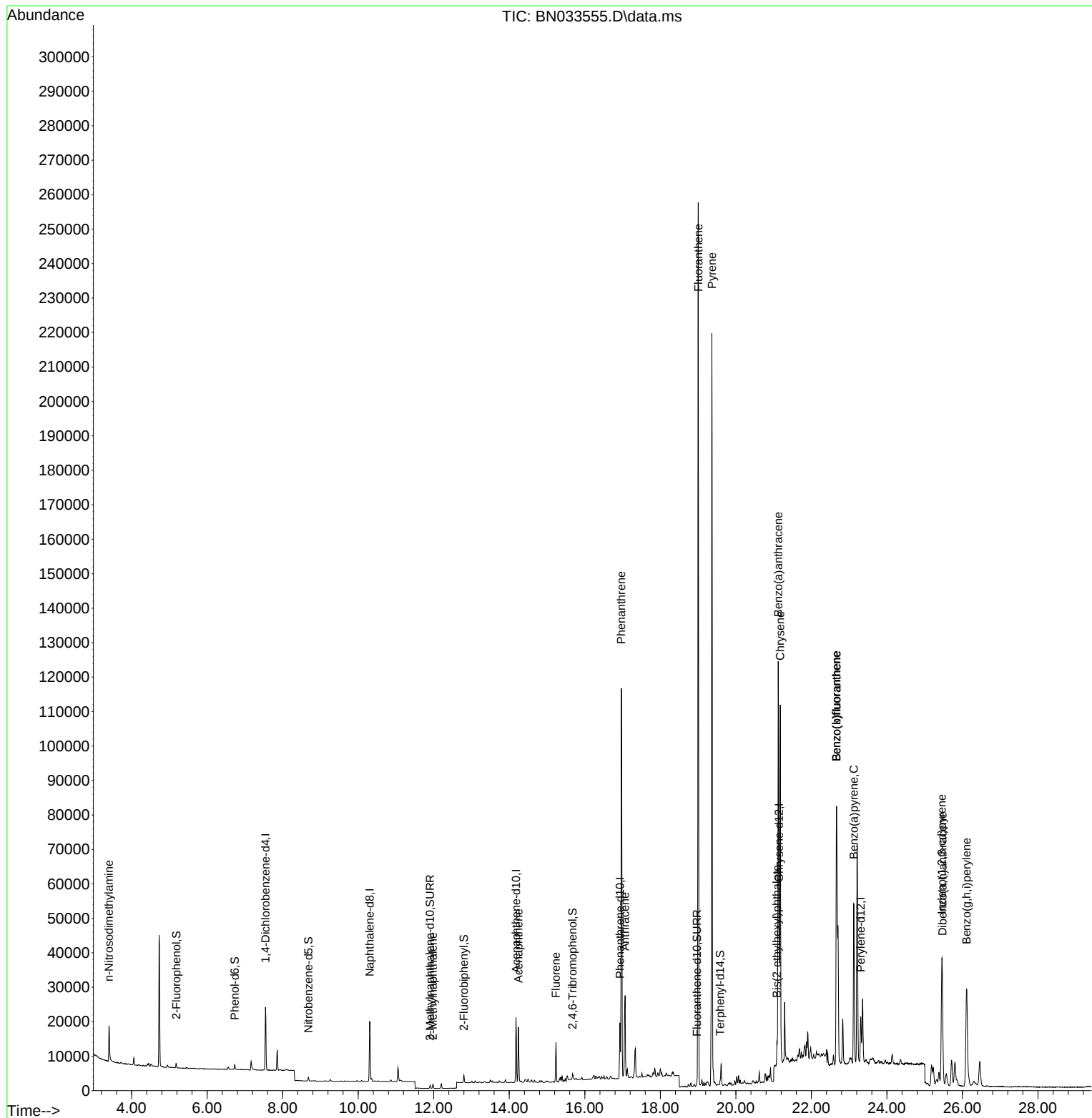
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8448	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	22107	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	10289	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19427	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	15770	0.400	ng	0.00
35) Perylene-d12	23.306	264	16544	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	987	0.037	ng	0.00
5) Phenol-d6	6.729	99	1181	0.037	ng	-0.01
8) Nitrobenzene-d5	8.681	82	815	0.044	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	1213	0.038	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	197	0.036	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	1667	0.040	ng	-0.01
27) Fluoranthene-d10	18.970	212	1614	0.035	ng	-0.01
31) Terphenyl-d14	19.584	244	1173	0.033	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	1980	0.175	ng	# 1
12) 2-Methylnaphthalene	11.979	142	873	0.023	ng	# 86
17) Acenaphthene	14.242	154	7139	0.225	ng	97
18) Fluorene	15.236	166	6638	0.166	ng	99
25) Phenanthrene	16.967	178	115708	2.141	ng	100
26) Anthracene	17.066	178	26162	0.547	ng	# 96
28) Fluoranthene	19.003	202	217756	3.646	ng	100
30) Pyrene	19.365	202	187564	2.665	ng	# 94
32) Benzo(a)anthracene	21.122	228	100763	1.767	ng	99
33) Chrysene	21.175	228	87555	1.545	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	3135	0.087	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.455	276	56522	0.823	ng	94
37) Benzo(b)fluoranthene	22.663	252	118266	1.914	ng	# 95
38) Benzo(k)fluoranthene	22.663	252	118266	1.945	ng	# 93
39) Benzo(a)pyrene	23.122	252	58435	1.143	ng	97
40) Dibenzo(a,h)anthracene	25.469	278	13043	0.237	ng	94
41) Benzo(g,h,i)perylene	26.110	276	56793	0.967	ng	100

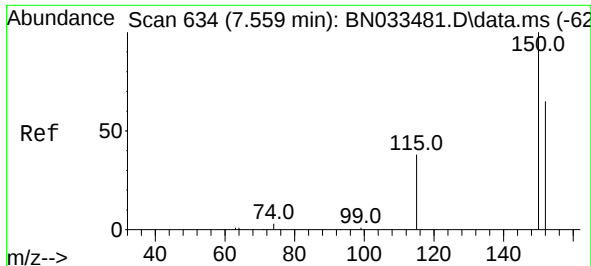
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
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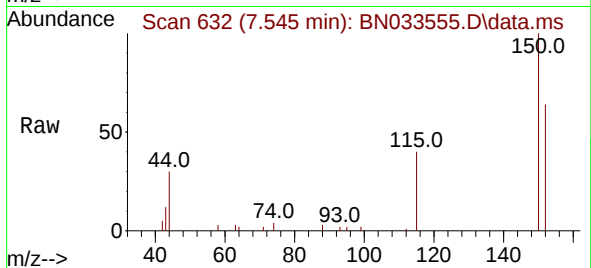
Quant Time: Aug 22 17:46:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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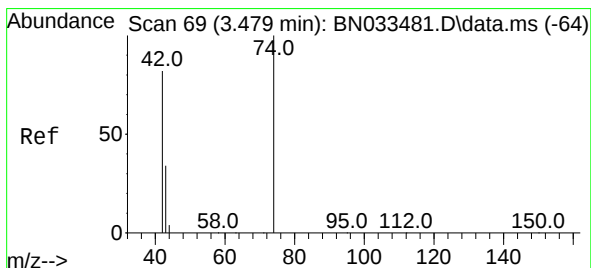
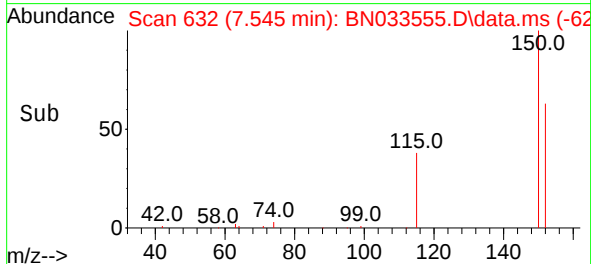
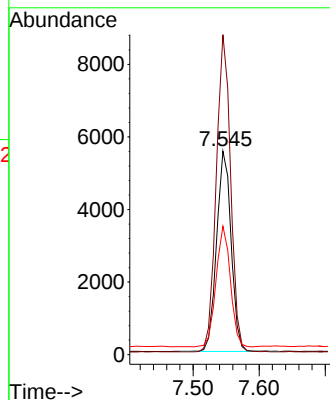


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

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

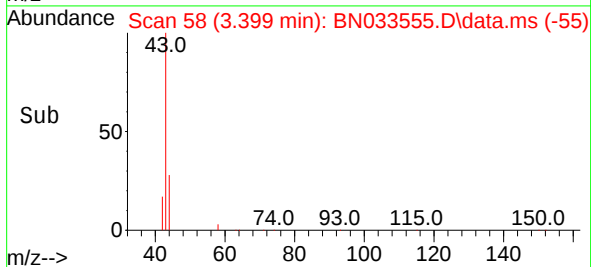
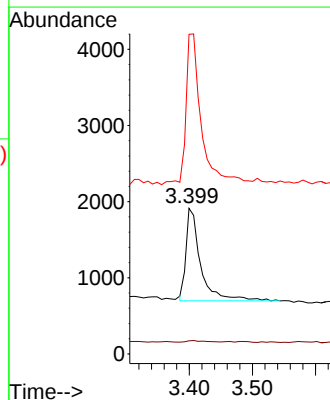
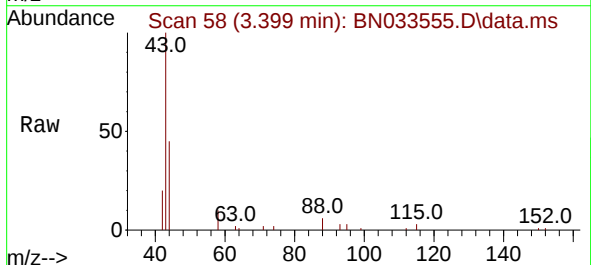


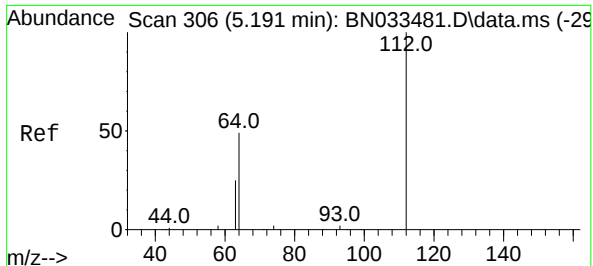
Tgt Ion:152 Resp: 8448
Ion Ratio Lower Upper
152 100
150 157.3 122.2 183.2
115 63.2 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.175 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 42 Resp: 1980
Ion Ratio Lower Upper
42 100
74 1.9 100.2 150.2#
44 156.0 5.3 7.9#

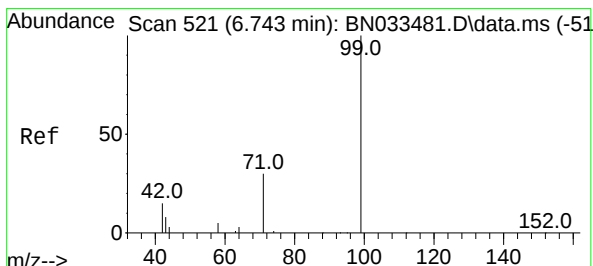
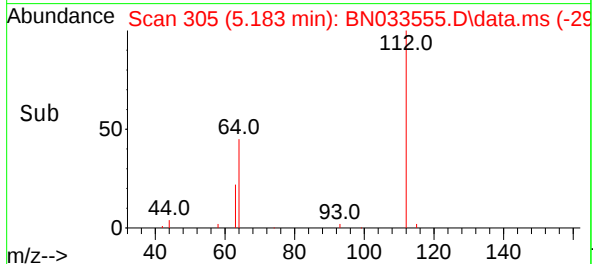
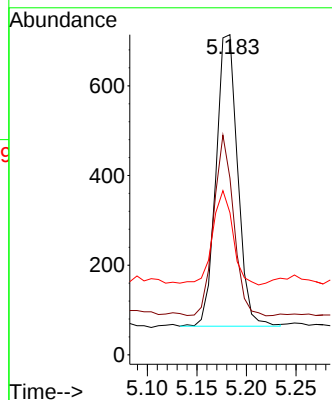
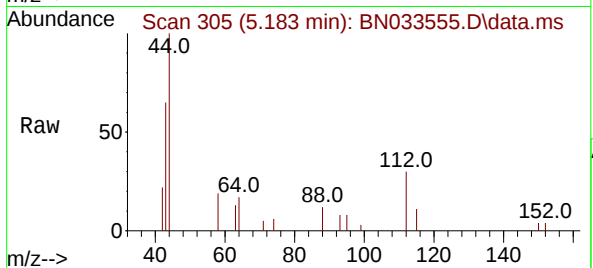




#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

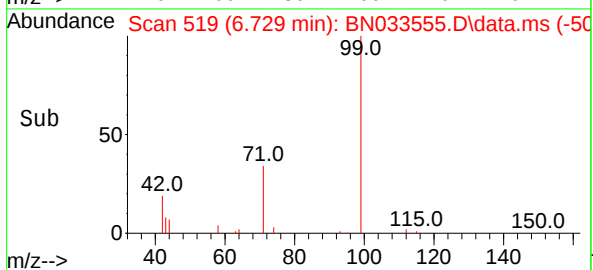
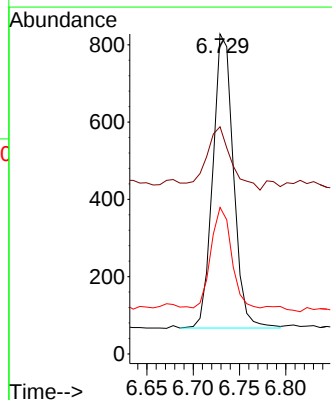
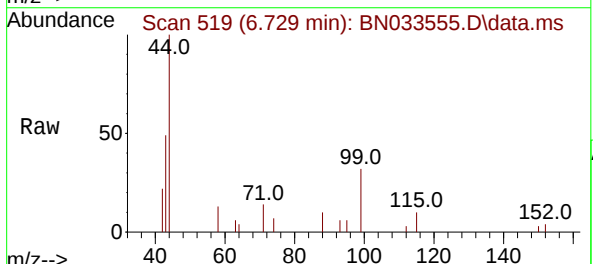
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FDDL

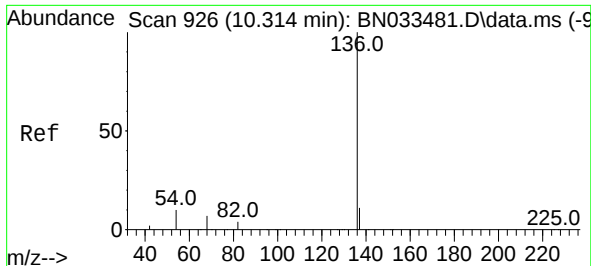
Tgt Ion:112 Resp: 987
Ion Ratio Lower Upper
112 100
64 56.5 47.1 70.7
63 30.3 24.9 37.3



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.014 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion: 99 Resp: 1181
Ion Ratio Lower Upper
99 100
42 25.7 16.6 24.8#
71 33.7 26.2 39.4

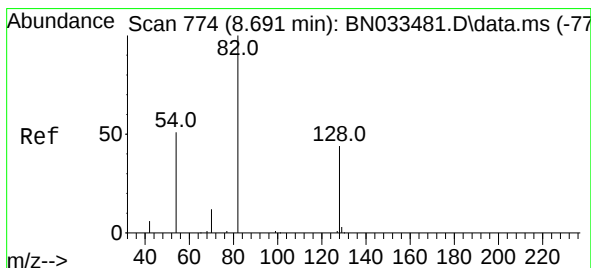
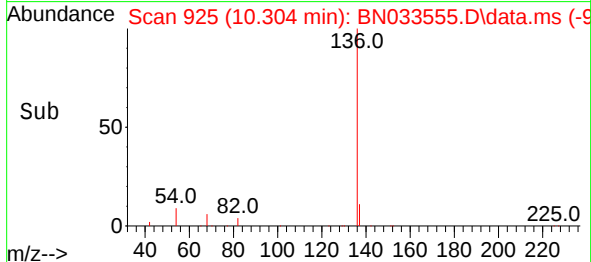
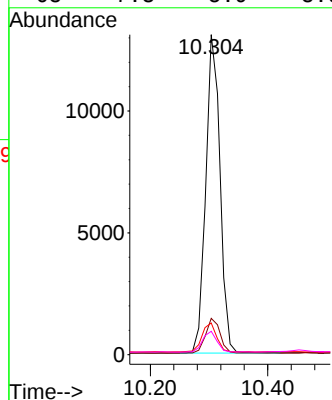
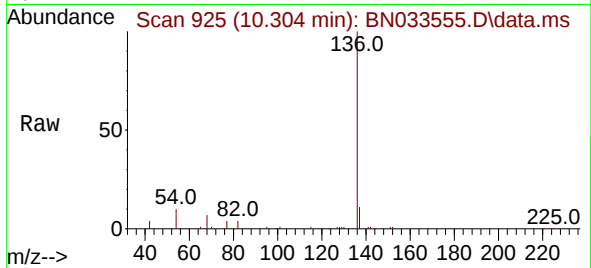




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

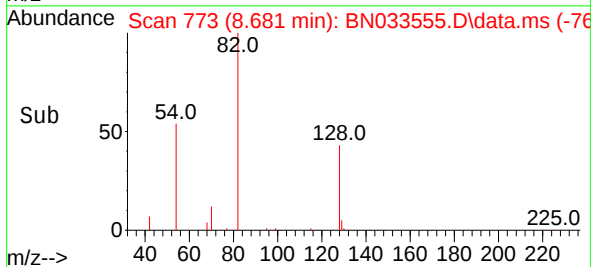
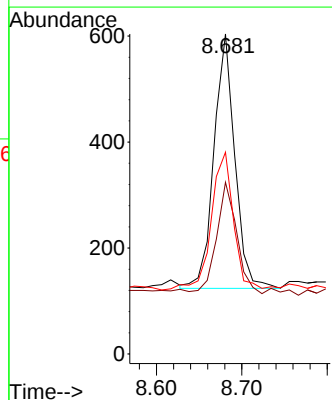
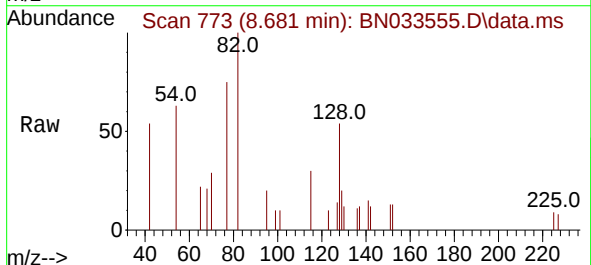
Instrument :
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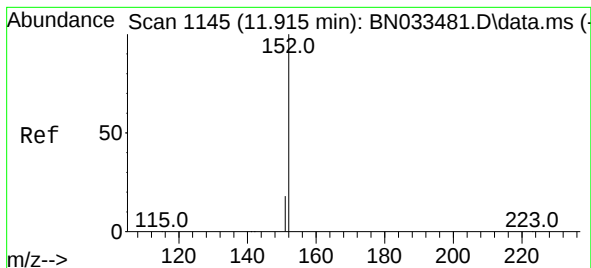
Tgt Ion:	136	Resp:	22107
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.9	8.3	12.5
68	7.3	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.044 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:	82	Resp:	815
Ion Ratio	Lower	Upper	
82	100		
128	53.6	36.0	54.0
54	63.1	42.0	63.0

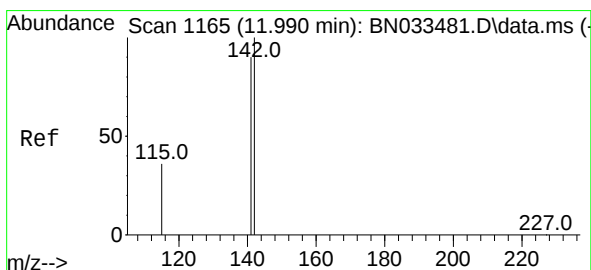
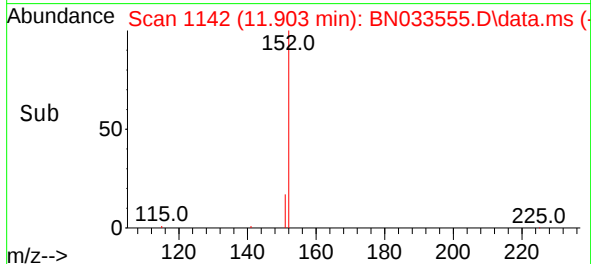
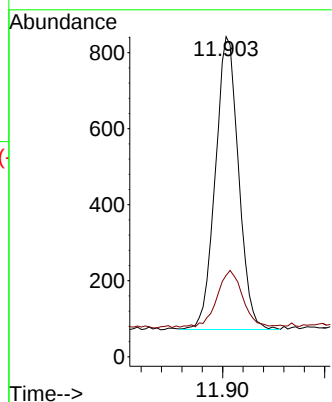
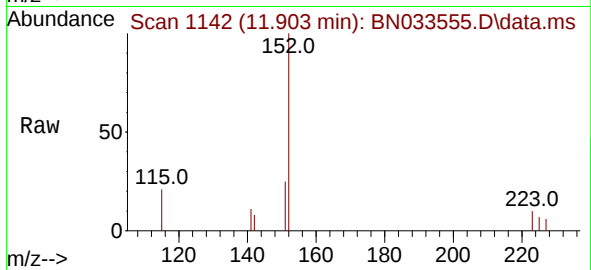




#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 11.903 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

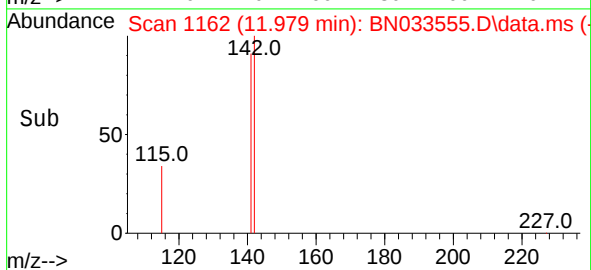
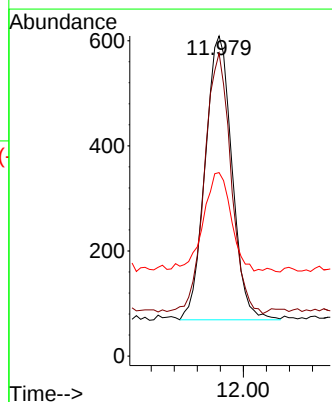
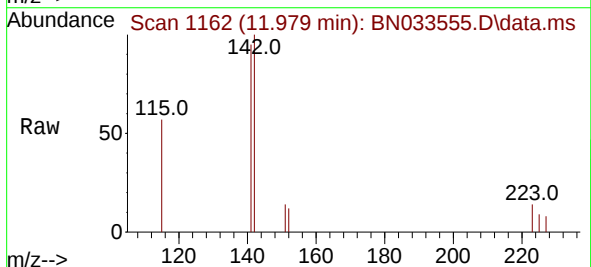
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FDDL

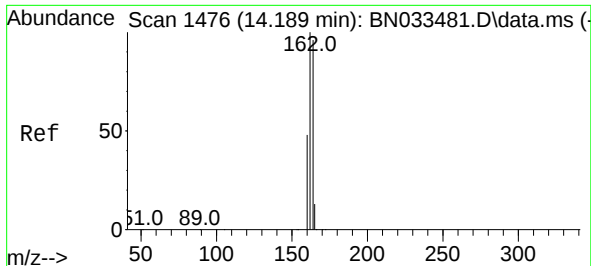
Tgt Ion:152 Resp: 1213
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 11.979 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:142 Resp: 873
Ion Ratio Lower Upper
142 100
141 94.6 71.7 107.5
115 57.3 29.4 44.2#

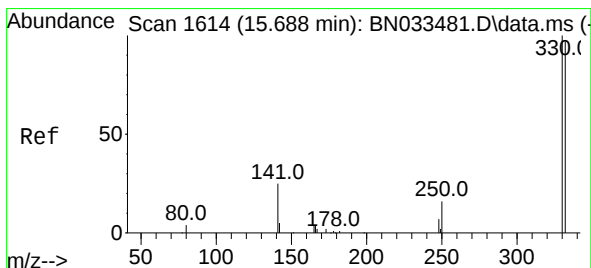
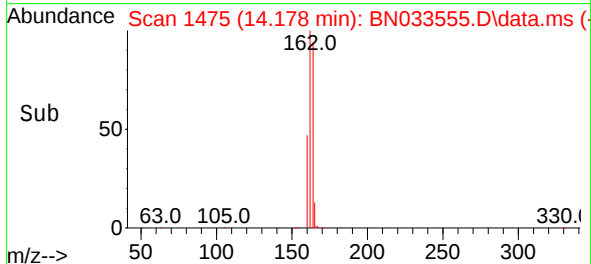
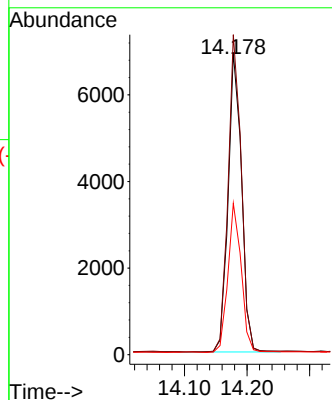
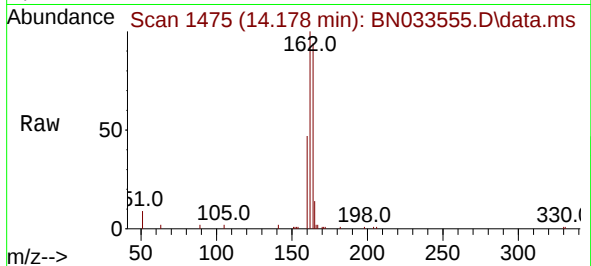




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

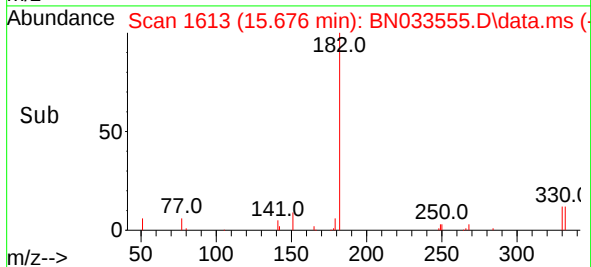
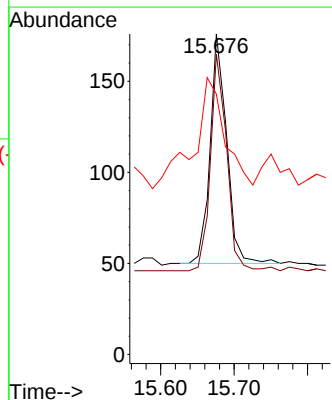
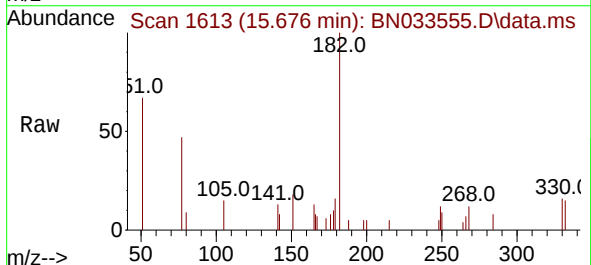
Instrument :
BNA_N
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921-J-SD-0-0.5-081524-FDDL

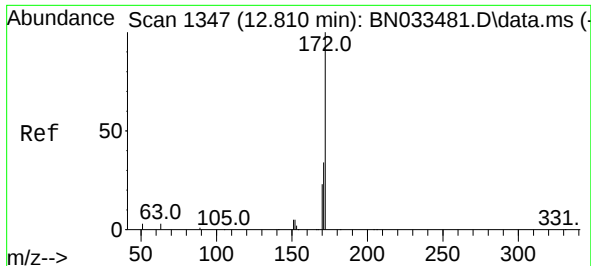
Tgt Ion:164 Resp: 10289
Ion Ratio Lower Upper
164 100
162 106.0 83.5 125.3
160 50.1 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.036 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 92.4 77.5 116.3
141 82.2 33.9 50.9#





#15

2-Fluorobiphenyl

Concen: 0.040 ng

RT: 12.799 min Scan# 1480

Delta R.T. -0.011 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524-FDDL

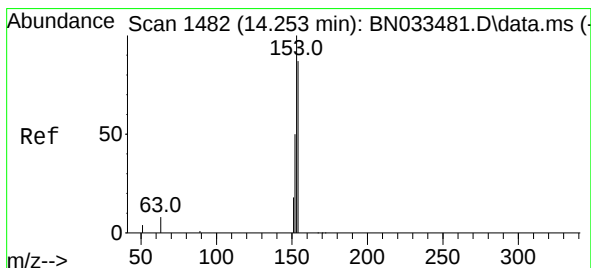
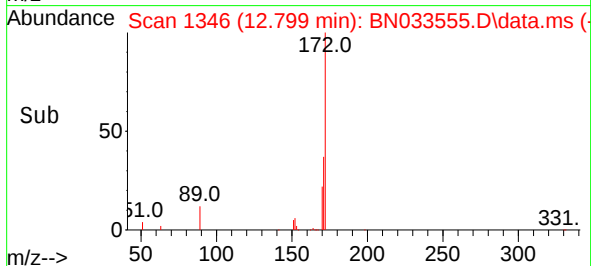
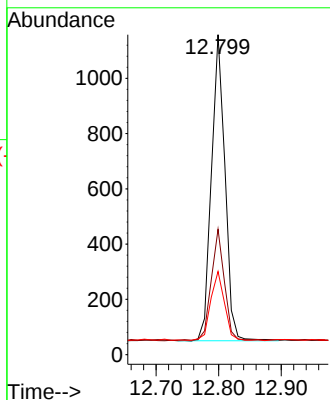
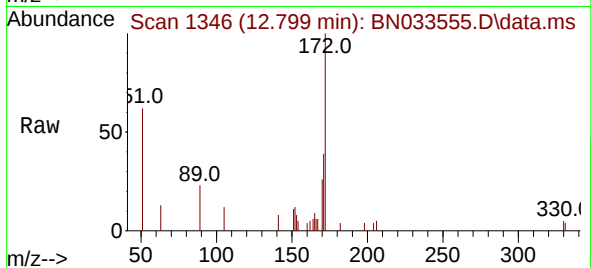
Tgt Ion:172 Resp: 1667

Ion Ratio Lower Upper

172 100

171 39.2 27.7 41.5

170 26.0 18.3 27.5



#17

Acenaphthene

Concen: 0.225 ng

RT: 14.242 min Scan# 1481

Delta R.T. -0.011 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

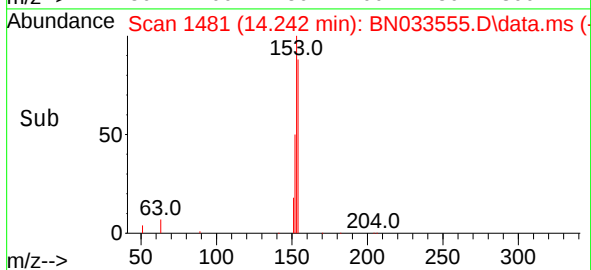
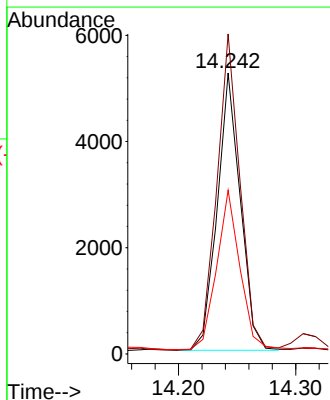
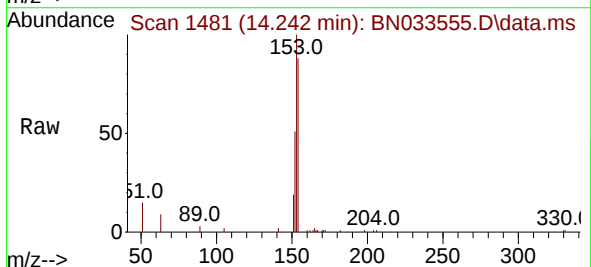
Tgt Ion:154 Resp: 7139

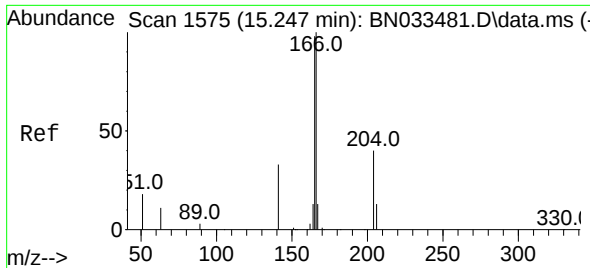
Ion Ratio Lower Upper

154 100

153 114.3 89.0 133.6

152 57.9 45.2 67.8

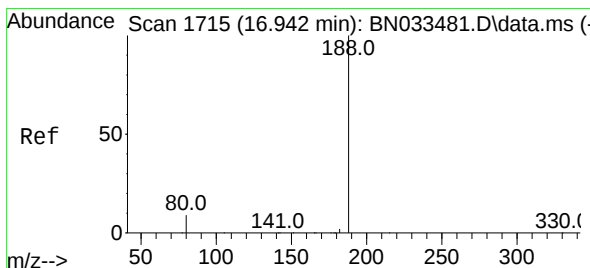
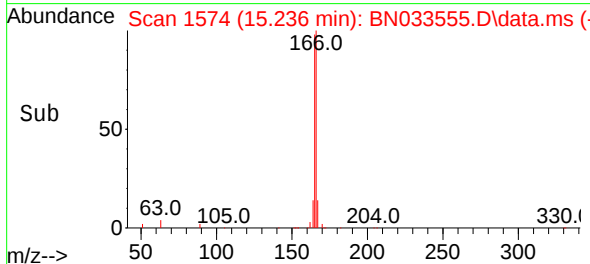
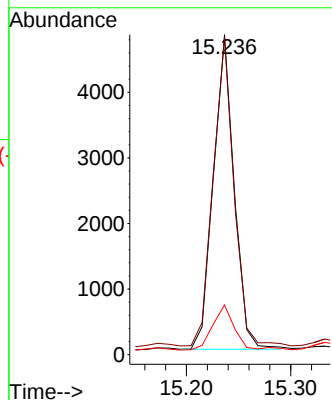
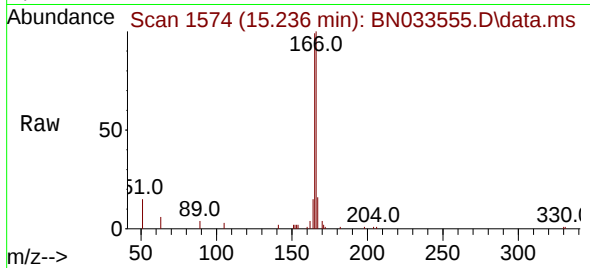




#18
 Fluorene
 Concen: 0.166 ng
 RT: 15.236 min Scan# 1574
 Delta R.T. -0.011 min
 Lab File: BN033555.D
 Acq: 22 Aug 2024 16:30

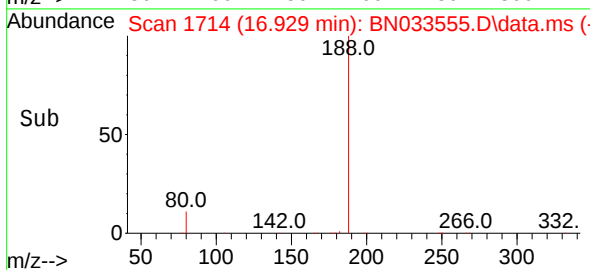
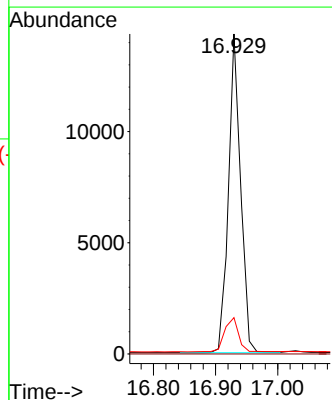
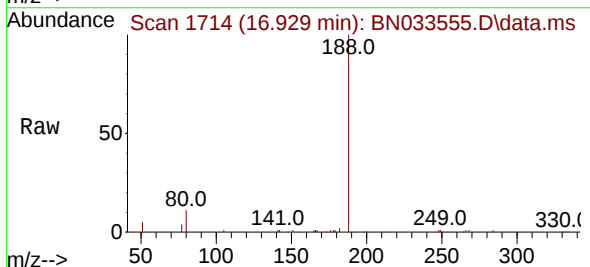
Instrument :
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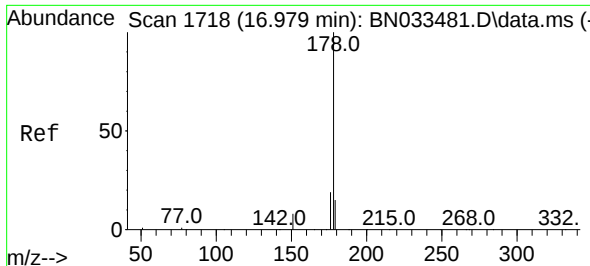
Tgt Ion:166 Resp: 6638
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.2 117.4
 167 15.4 10.6 16.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.929 min Scan# 1714
 Delta R.T. -0.012 min
 Lab File: BN033555.D
 Acq: 22 Aug 2024 16:30

Tgt Ion:188 Resp: 19427
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.4 7.8 11.8

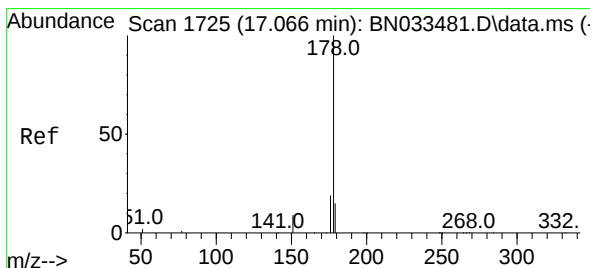
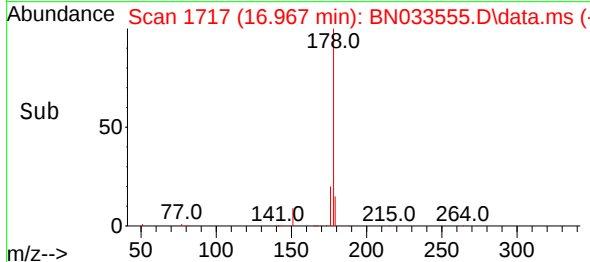
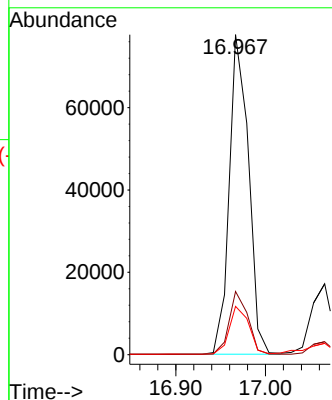
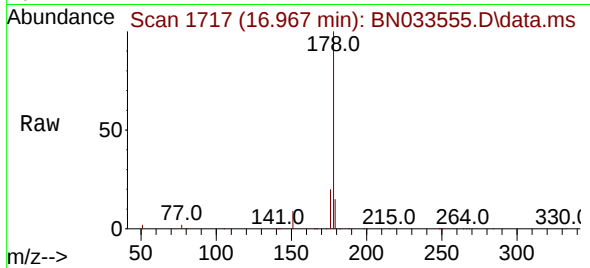




#25
Phenanthrene
Concen: 2.141 ng
RT: 16.967 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

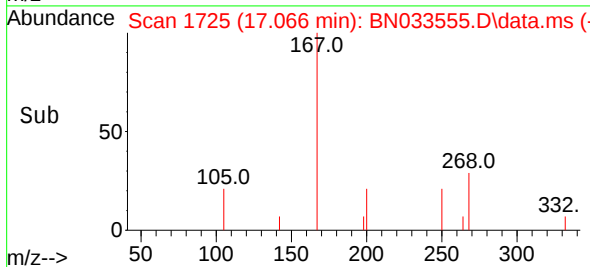
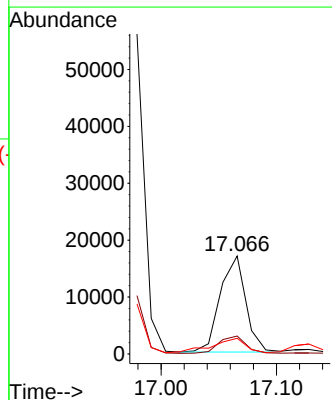
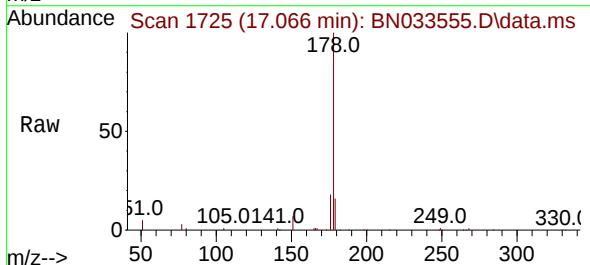
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FDDL

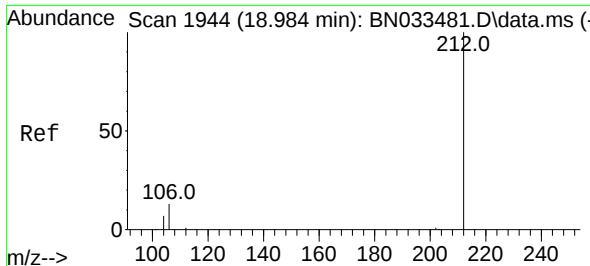
Tgt Ion:178 Resp: 115708
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.3 18.5



#26
Anthracene
Concen: 0.547 ng
RT: 17.066 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:178 Resp: 26162
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 19.3 12.4 18.6#

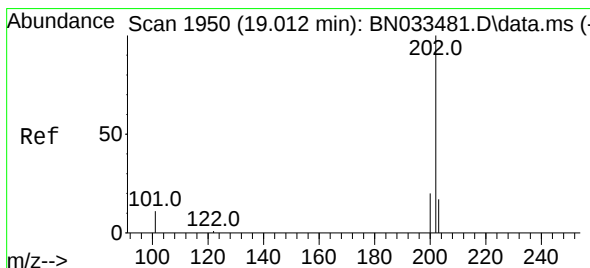
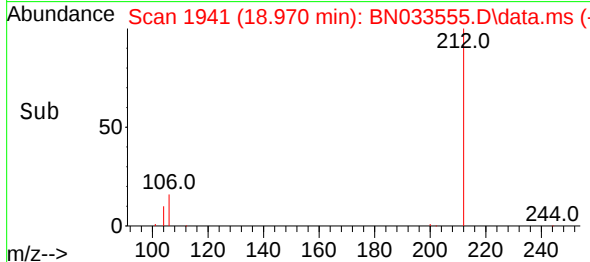
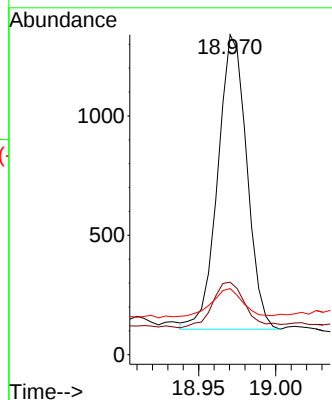
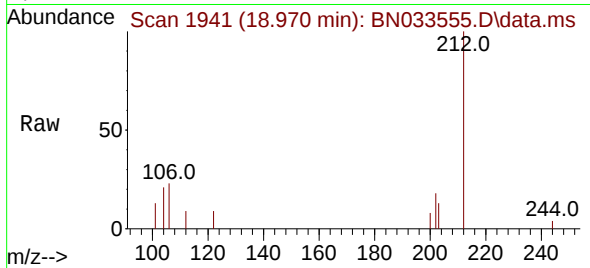




#27
Fluoranthene-d10
Concen: 0.035 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

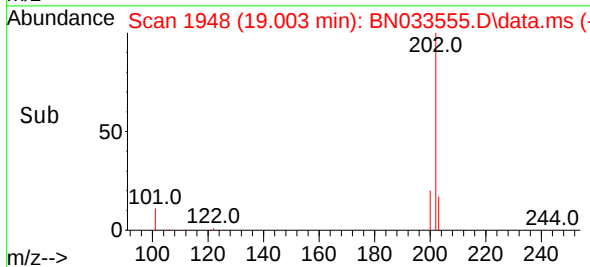
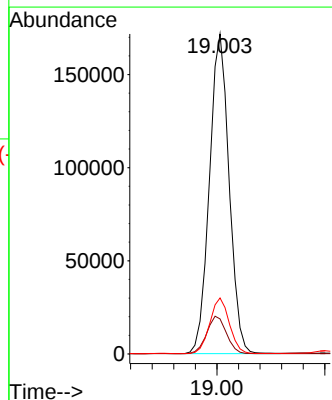
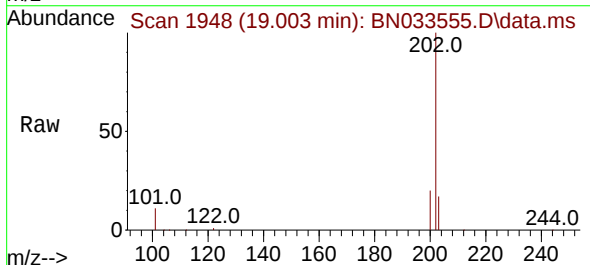
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FDDL

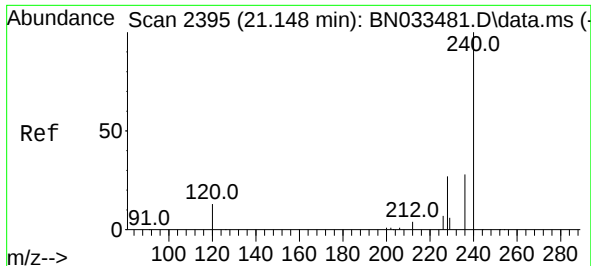
Tgt Ion:212 Resp: 1614
Ion Ratio Lower Upper
212 100
106 17.6 12.3 18.5
104 11.5 7.0 10.4#



#28
Fluoranthene
Concen: 3.646 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:202 Resp: 217756
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
203 17.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524-FDDL

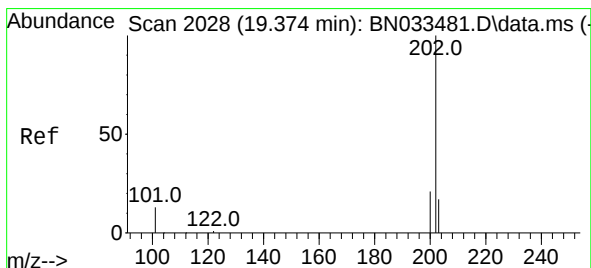
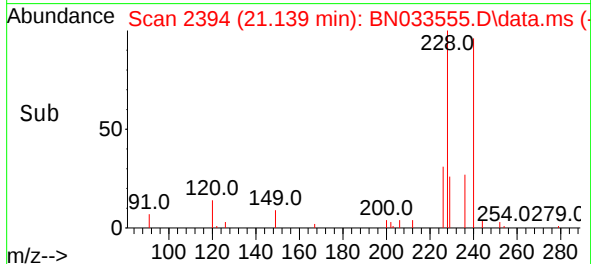
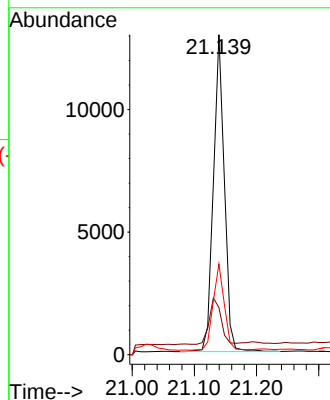
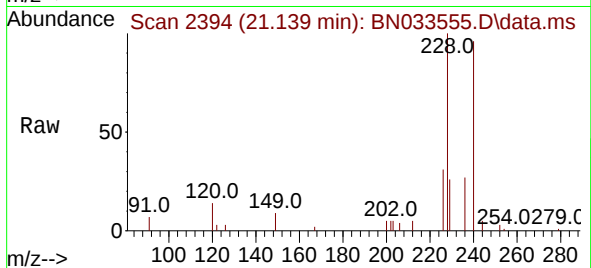
Tgt Ion:240 Resp: 15770

Ion Ratio Lower Upper

240 100

120 14.7 12.4 18.6

236 28.4 23.0 34.6



#30

Pyrene

Concen: 2.665 ng

RT: 19.365 min Scan# 2026

Delta R.T. -0.009 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

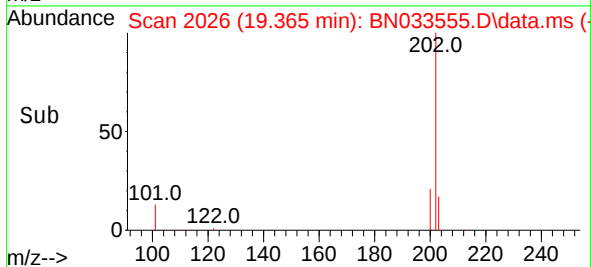
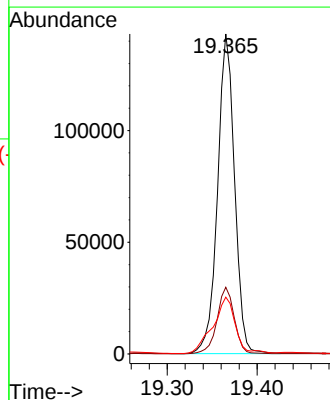
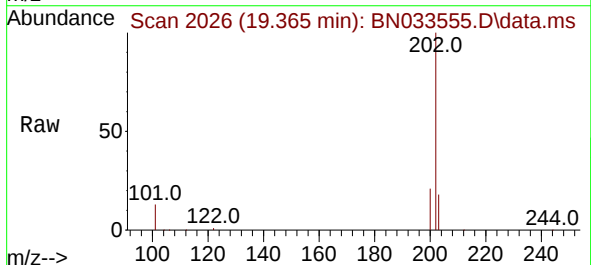
Tgt Ion:202 Resp: 187564

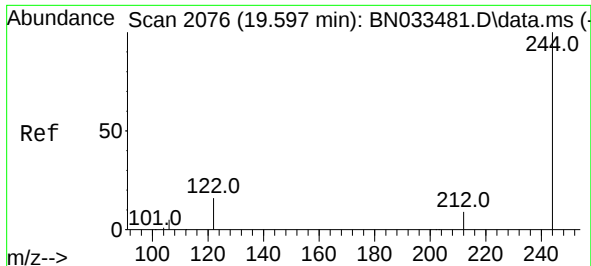
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 23.2 14.2 21.4#

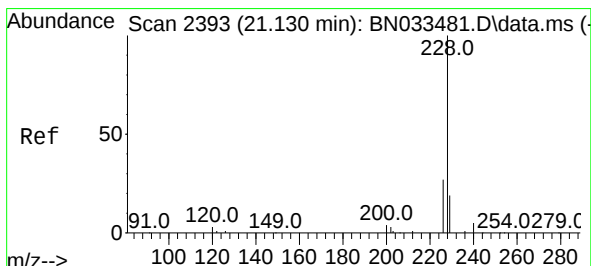
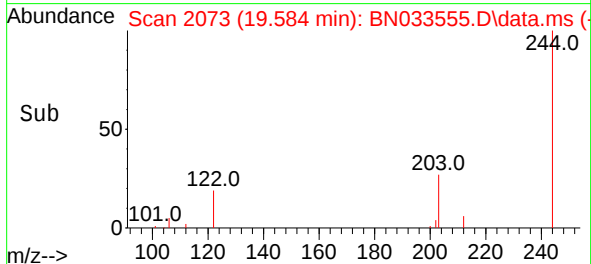
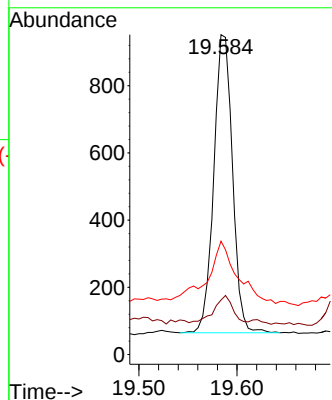
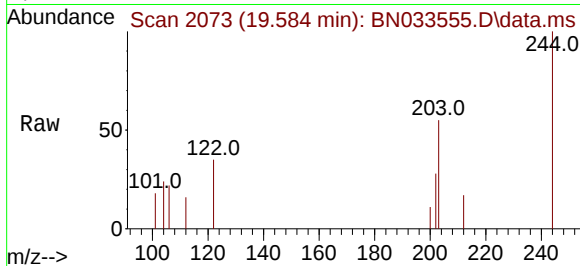




#31
Terphenyl-d14
Concen: 0.033 ng
RT: 19.584 min Scan# 2076
Delta R.T. -0.014 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

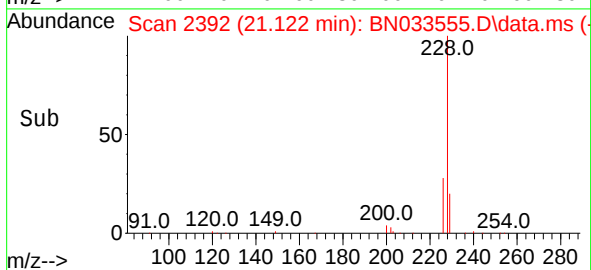
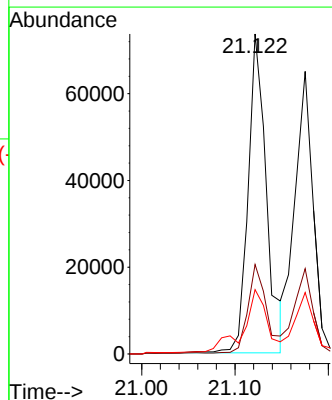
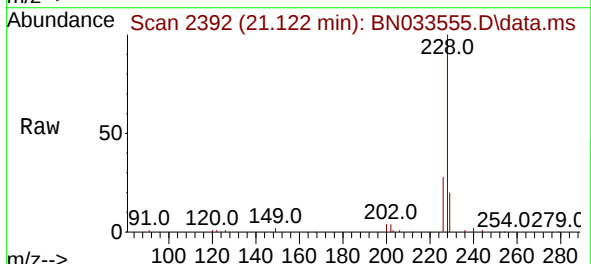
Instrument :
BNA_N
ClientSampleId :
921-J-SD-0-0.5-081524-FDDL

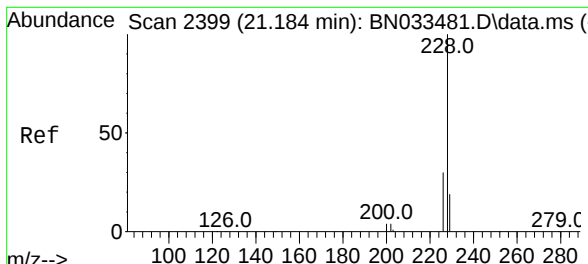
Tgt Ion:244 Resp: 1173
Ion Ratio Lower Upper
244 100
212 17.0 7.8 11.6#
122 35.4 13.3 19.9#



#32
Benzo(a)anthracene
Concen: 1.767 ng
RT: 21.122 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

Tgt Ion:228 Resp: 100763
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.1 15.8 23.6

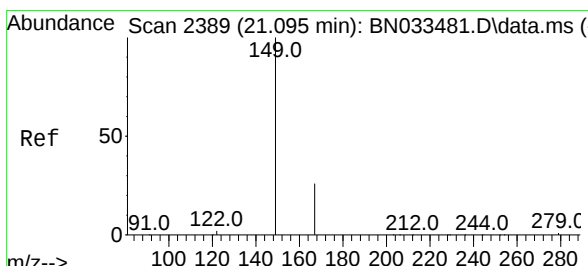
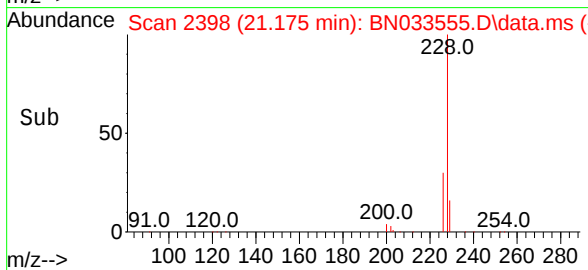
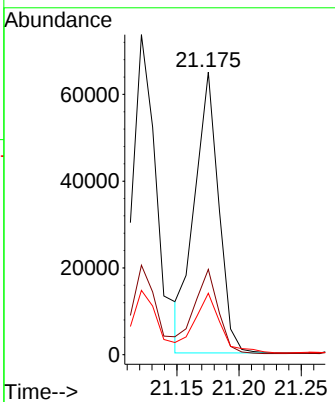
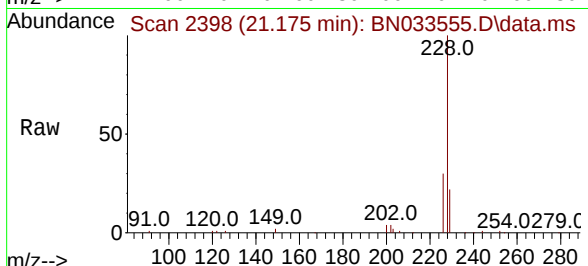




#33
 Chrysene
 Concen: 1.545 ng
 RT: 21.175 min Scan# 2398
 Delta R.T. -0.009 min
 Lab File: BN033555.D
 Acq: 22 Aug 2024 16:30

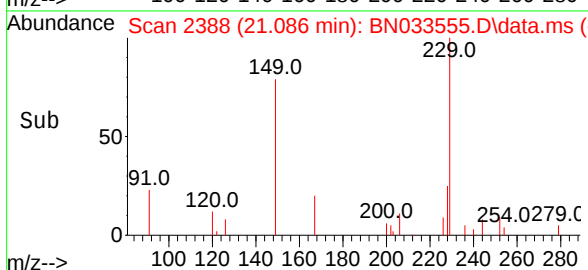
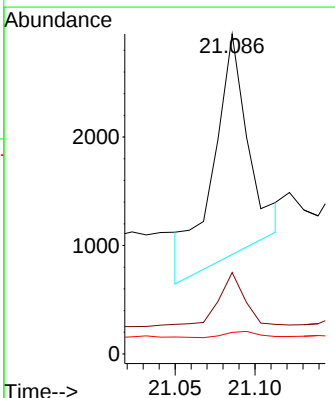
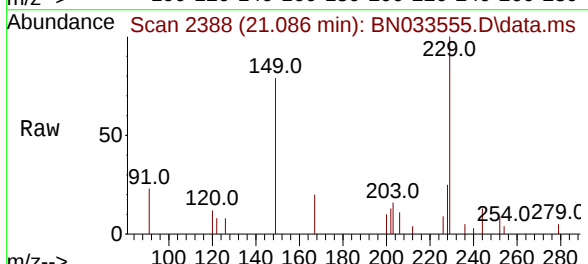
Instrument : BNA_N
 ClientSampleId : 921-J-SD-0-0.5-081524-FDDL

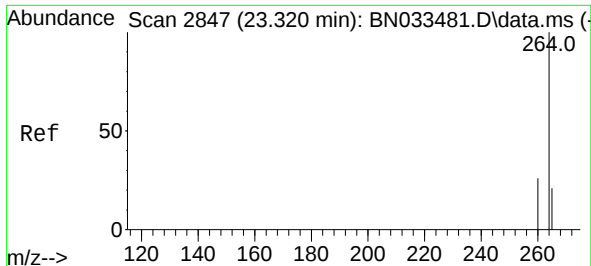
Tgt Ion:	228	Resp:	87555
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	21.7	15.6	23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.086 min Scan# 2388
 Delta R.T. -0.009 min
 Lab File: BN033555.D
 Acq: 22 Aug 2024 16:30

Tgt Ion:	149	Resp:	3135
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.5	32.3
279	5.9	2.2	3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.306 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN033555.D

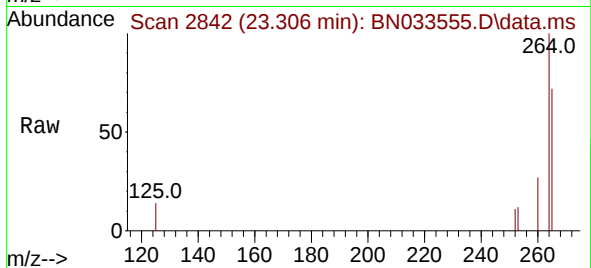
Acq: 22 Aug 2024 16:30

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524-FDDL



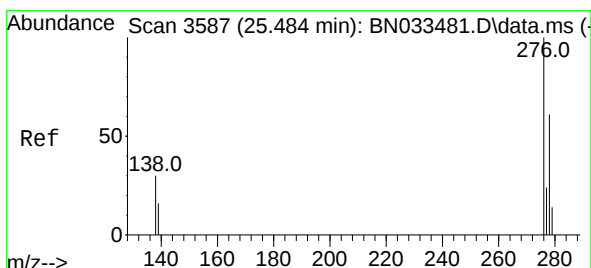
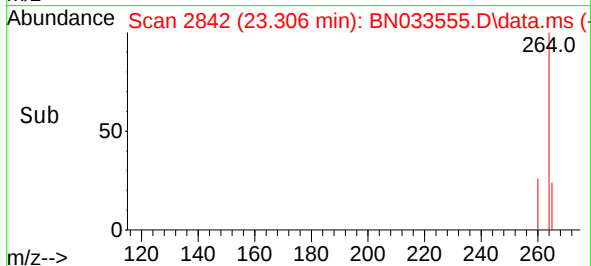
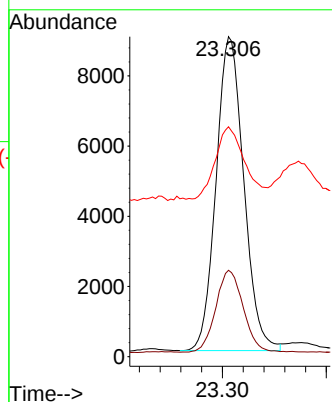
Tgt Ion:264 Resp: 16544

Ion	Ratio	Lower	Upper
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264	100		
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260	27.0	20.8	31.2
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265	71.8	52.2	78.2
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#36

Indeno(1,2,3-cd)pyrene

Concen: 0.823 ng

RT: 25.455 min Scan# 3577

Delta R.T. -0.029 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

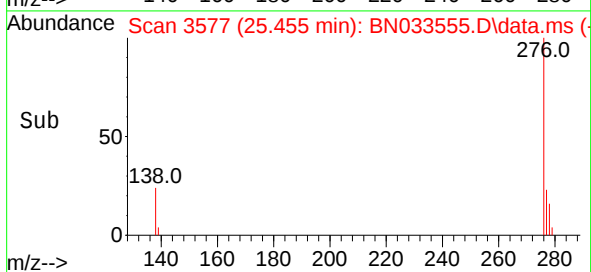
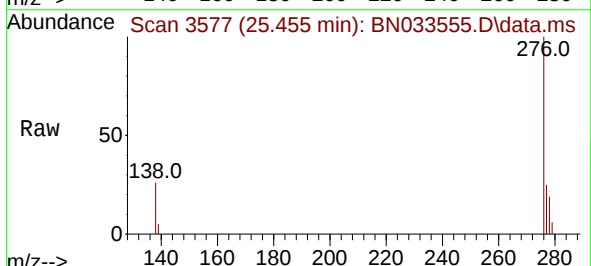
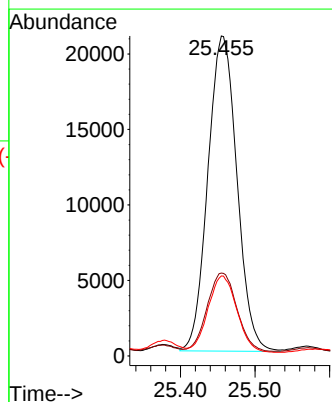
Tgt Ion:276 Resp: 56522

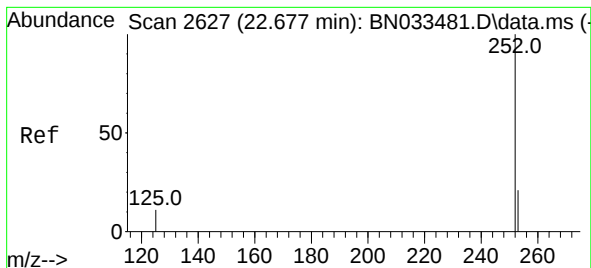
Ion	Ratio	Lower	Upper
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276	100		
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138	25.3	24.4	36.6
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277	24.2	19.8	29.6
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#37

Benzo(b)fluoranthene

Concen: 1.914 ng

RT: 22.663 min Scan# 2622

Delta R.T. -0.015 min

Lab File: BN033555.D

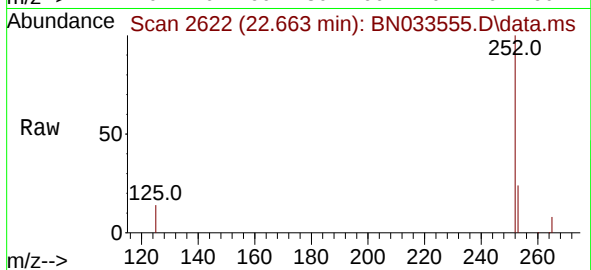
Acq: 22 Aug 2024 16:30

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524-FDDL



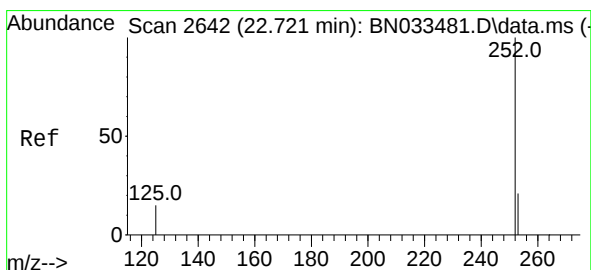
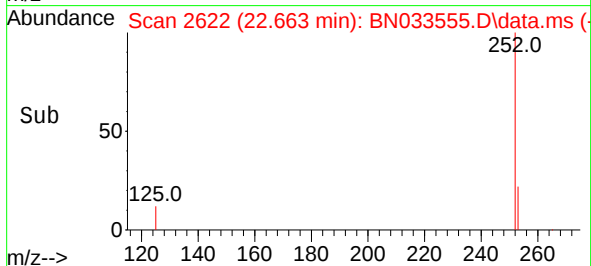
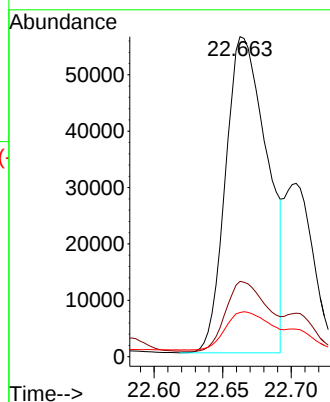
Tgt Ion:252 Resp: 118266

Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

125 13.8 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 1.945 ng

RT: 22.663 min Scan# 2622

Delta R.T. -0.058 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

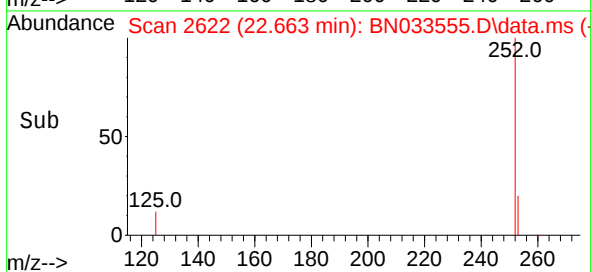
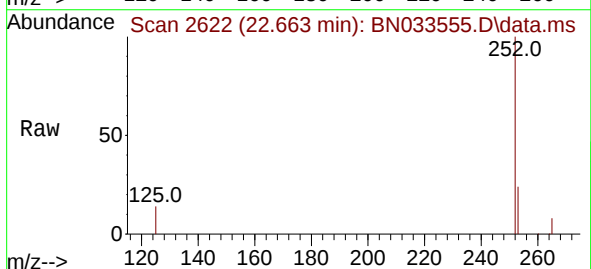
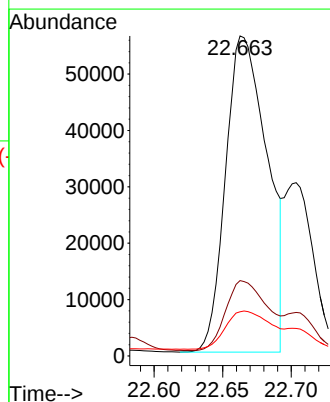
Tgt Ion:252 Resp: 118266

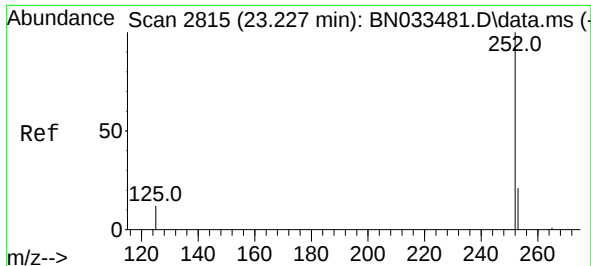
Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

125 13.8 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 1.143 ng

RT: 23.122 min Scan# 21

Delta R.T. -0.105 min

Lab File: BN033555.D

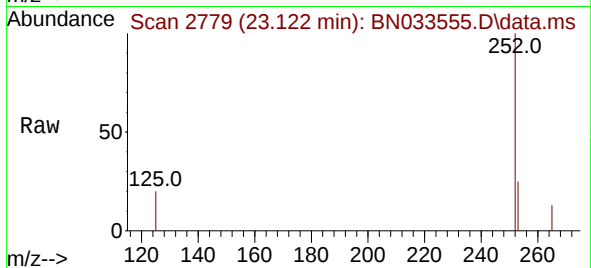
Acq: 22 Aug 2024 16:30

Instrument :

BNA_N

ClientSampleId :

921-J-SD-0-0.5-081524-FDDL



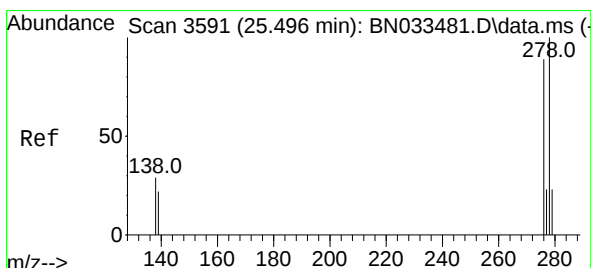
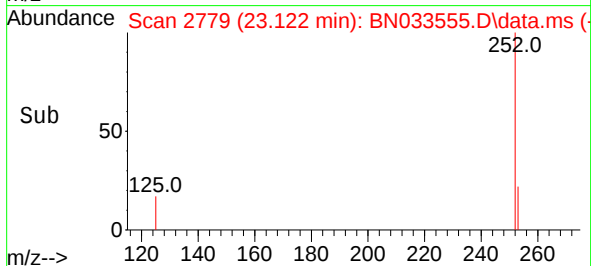
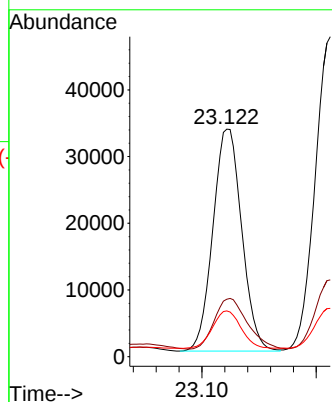
Tgt Ion:252 Resp: 58435

Ion Ratio Lower Upper

252 100

253 25.3 21.5 32.3

125 20.1 17.0 25.4



#40

Dibenzo(a,h)anthracene

Concen: 0.237 ng

RT: 25.469 min Scan# 3582

Delta R.T. -0.026 min

Lab File: BN033555.D

Acq: 22 Aug 2024 16:30

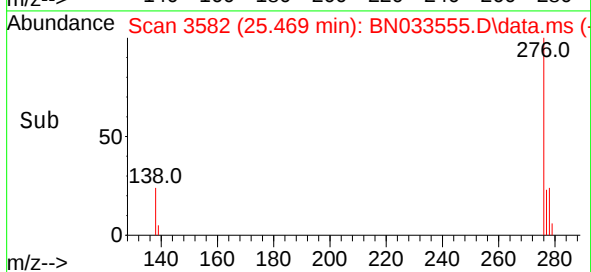
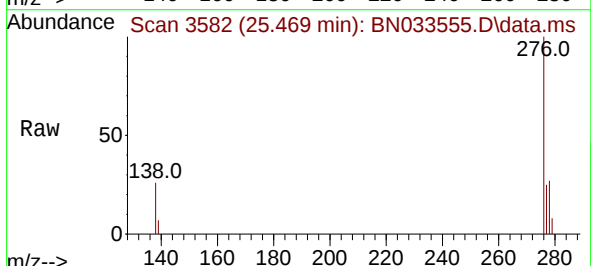
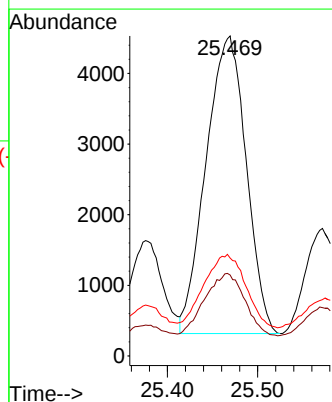
Tgt Ion:278 Resp: 13043

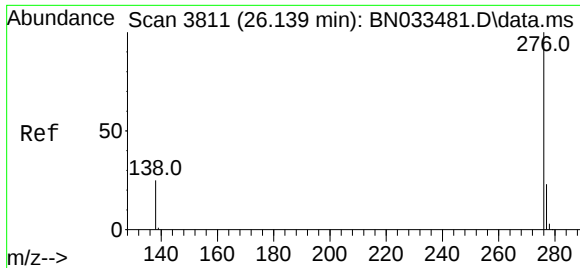
Ion Ratio Lower Upper

278 100

139 25.3 19.1 28.7

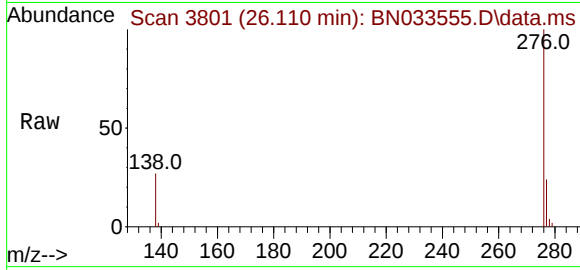
279 30.6 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.967 ng
RT: 26.110 min Scan# 3811
Delta R.T. -0.029 min
Lab File: BN033555.D
Acq: 22 Aug 2024 16:30

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



Tgt Ion:276 Resp: 56793
Ion Ratio Lower Upper
276 100
277 24.4 19.7 29.5
138 26.9 21.8 32.6

