

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033550.D
 Acq On : 22 Aug 2024 13:29
 Operator : MA/JU
 Sample : P3663-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0-0.5-081624

Quant Time: Aug 22 14:06:20 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)

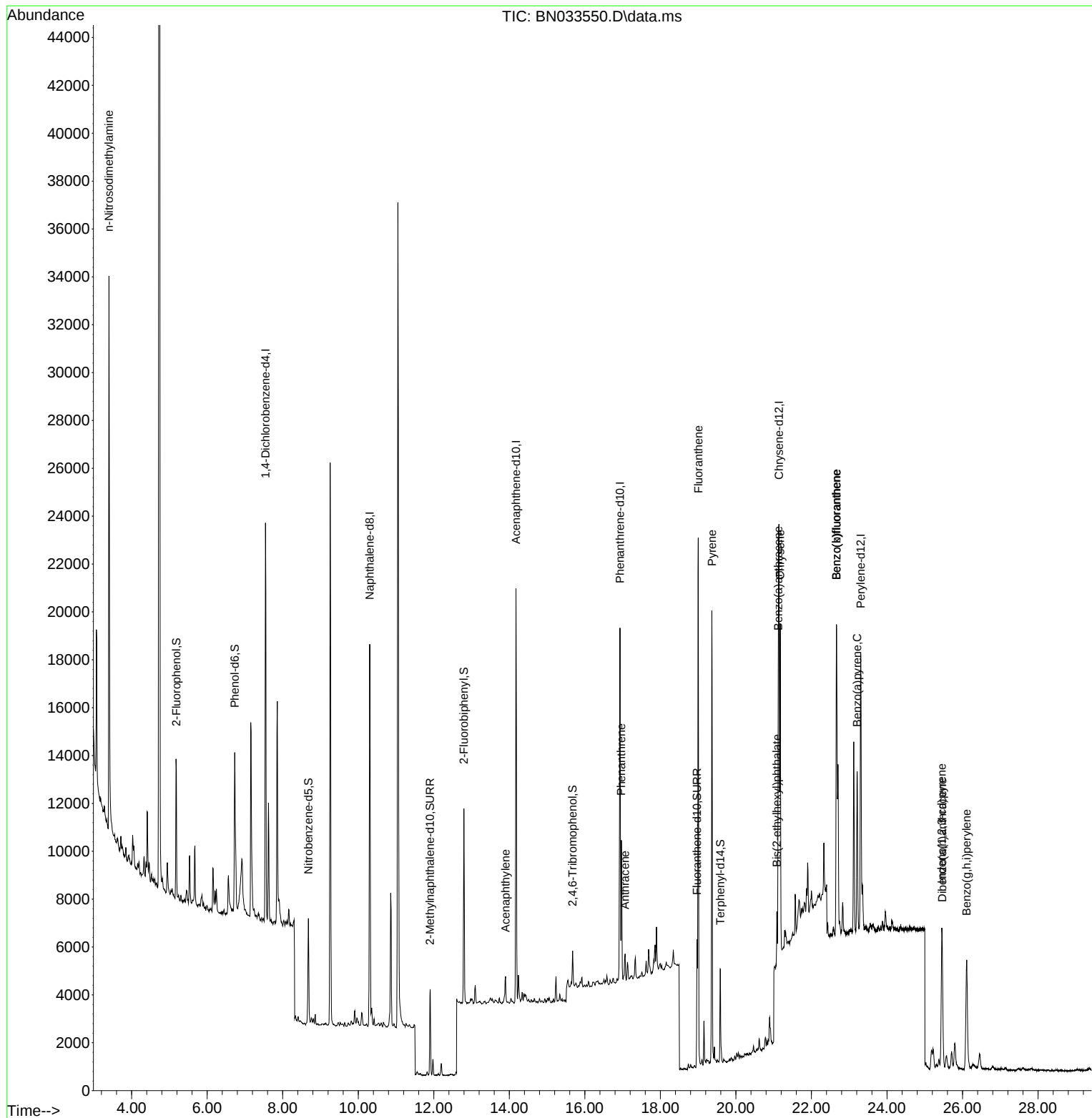
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7681	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	19872	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	9323	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	17884	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	13716	0.400	ng	0.00
35) Perylene-d12	23.306	264	14372	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4321	0.177	ng	0.00
5) Phenol-d6	6.729	99	5291	0.182	ng	-0.01
8) Nitrobenzene-d5	8.681	82	3348	0.203	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	4768	0.168	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	722	0.144	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	6297	0.165	ng	-0.01
27) Fluoranthene-d10	18.970	212	5667	0.132	ng	-0.01
31) Terphenyl-d14	19.588	244	3561	0.114	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	3276	0.319	ng	# 1
16) Acenaphthylene	13.900	152	1240	0.030	ng	# 91
25) Phenanthrene	16.967	178	6155	0.124	ng	# 99
26) Anthracene	17.066	178	1236	0.028	ng	# 90
28) Fluoranthene	19.003	202	19140	0.348	ng	# 98
30) Pyrene	19.365	202	16286	0.266	ng	# 97
32) Benzo(a)anthracene	21.121	228	8151	0.164	ng	# 94
33) Chrysene	21.175	228	13924	0.282	ng	# 98
34) Bis(2-ethylhexyl)phtha...	21.086	149	8454	0.269	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.455	276	8652	0.145	ng	# 95
37) Benzo(b)fluoranthene	22.663	252	19359	0.361	ng	# 92
38) Benzo(k)fluoranthene	22.663	252	19359	0.366	ng	# 95
39) Benzo(a)pyrene	23.212	252	8778	0.198	ng	# 84
40) Dibenzo(a,h)anthracene	25.466	278	2278	0.048	ng	# 55
41) Benzo(g,h,i)perylene	26.110	276	8992	0.176	ng	# 94

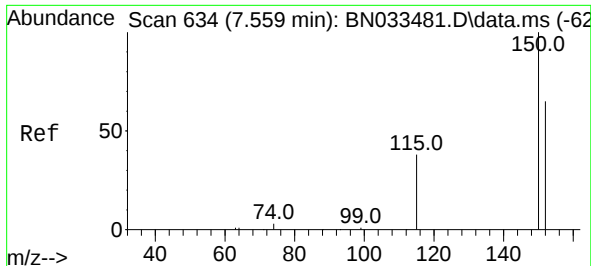
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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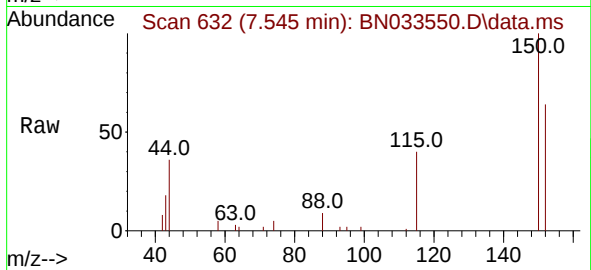
Quant Time: Aug 22 14:06:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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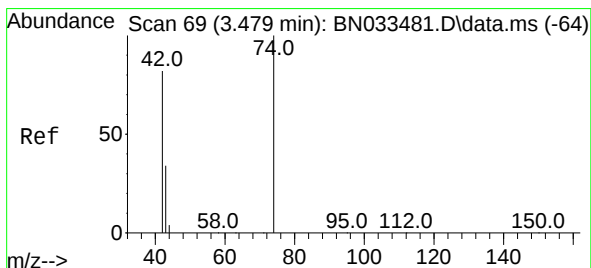
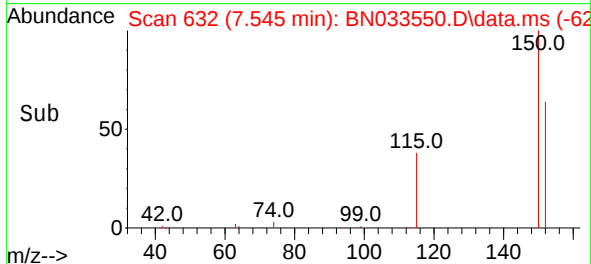
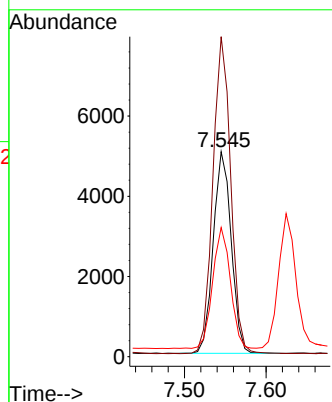


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Instrument :
BNA_N
ClientSampleId :
914-J-SD-0-0.5-081624

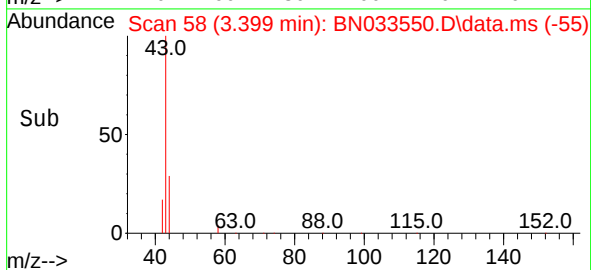
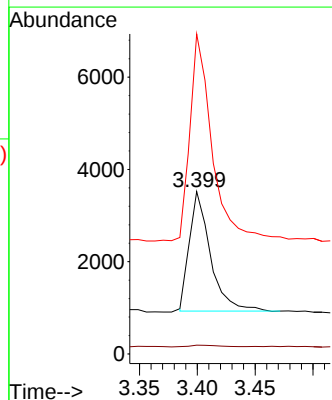
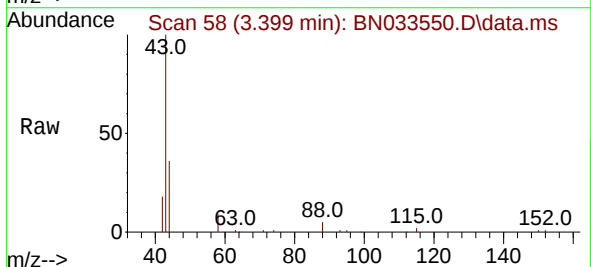


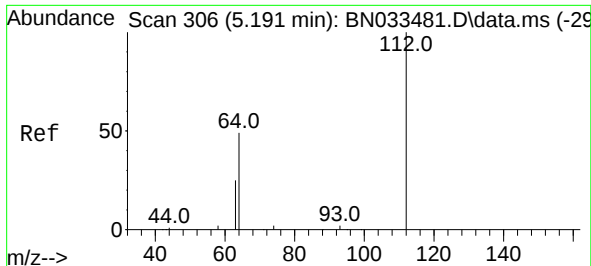
Tgt Ion:152 Resp: 7681
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.2
115 63.0 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.319 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion: 42 Resp: 3276
Ion Ratio Lower Upper
42 100
74 1.5 100.2 150.2#
44 186.4 5.3 7.9#

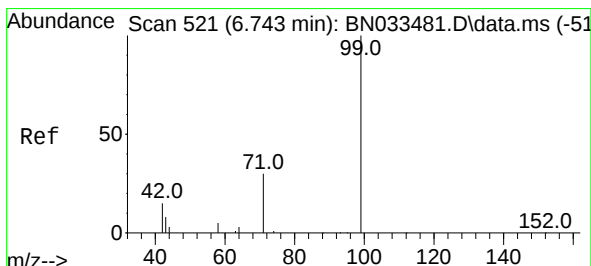
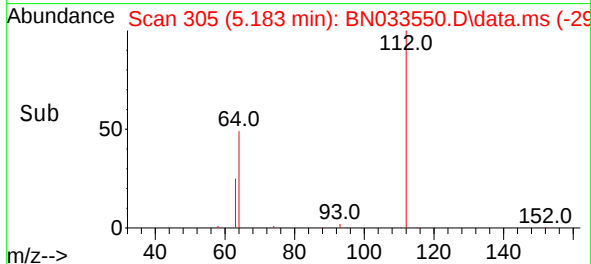
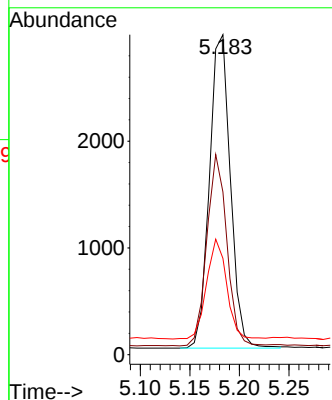
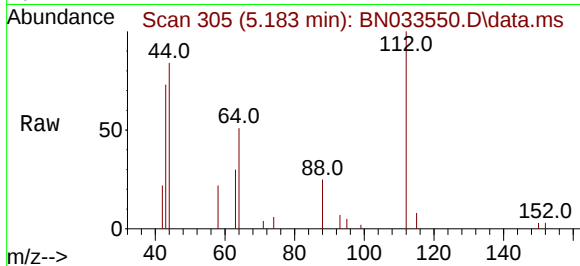




#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

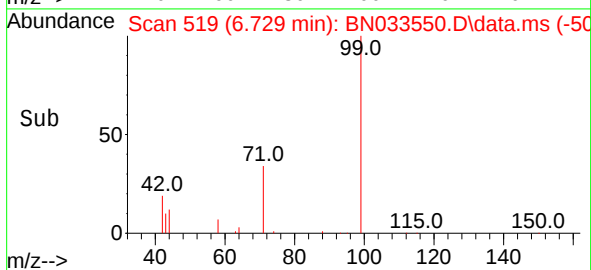
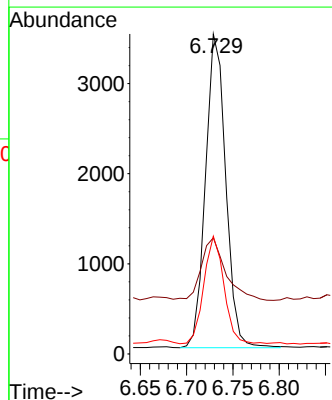
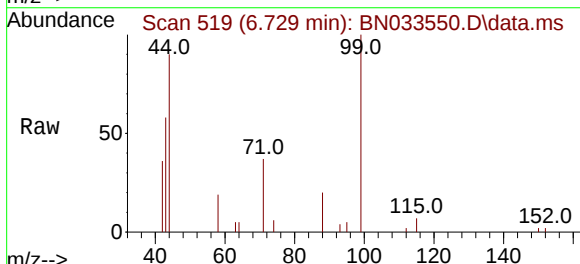
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0-0.5-081624

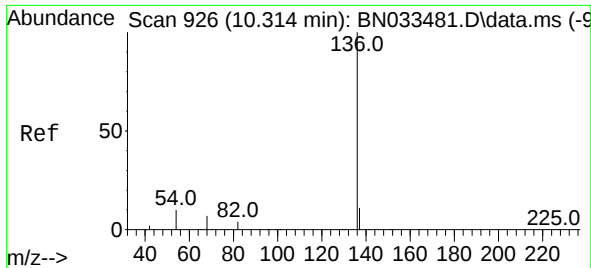
Tgt Ion:	112	Resp:	4321
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.1	70.7
63	30.5	24.9	37.3



#5
Phenol-d6
Concen: 0.182 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.014 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion:	99	Resp:	5291
Ion Ratio	Lower	Upper	
99	100		
42	23.9	16.6	24.8
71	34.1	26.2	39.4

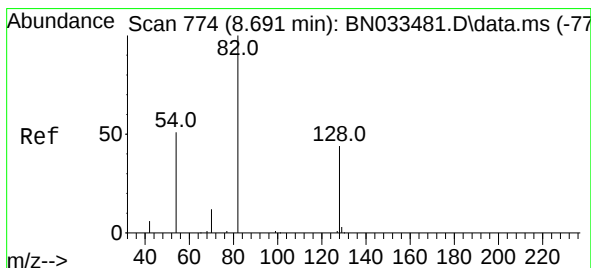
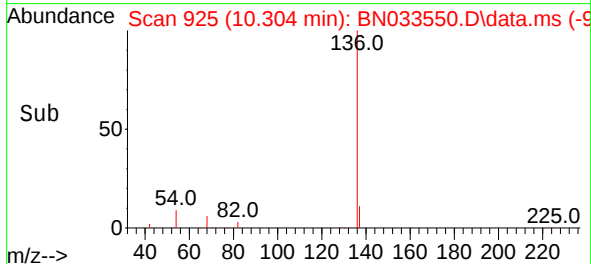
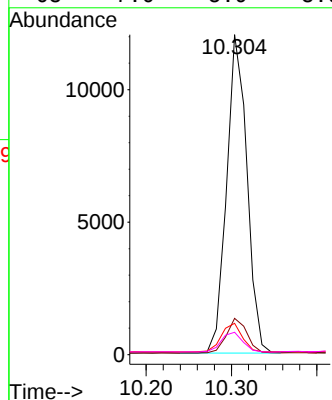
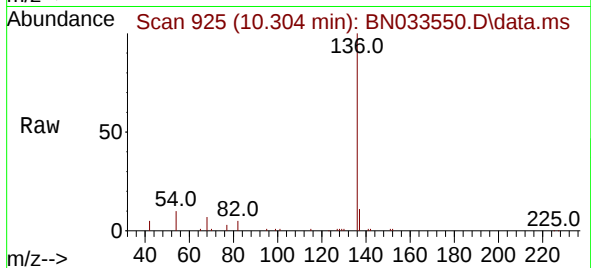




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

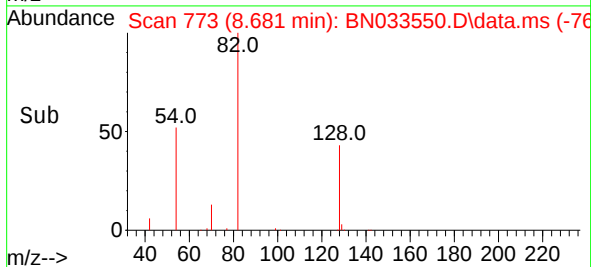
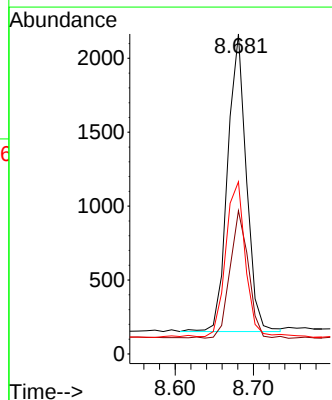
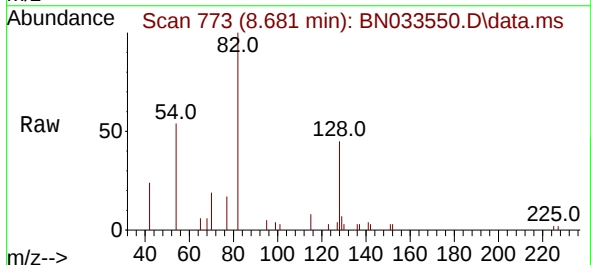
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0-0.5-081624

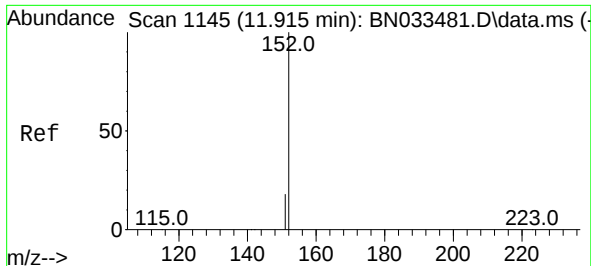
Tgt Ion:	136	Resp:	19872
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.8	8.3	12.5
68	7.0	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion:	82	Resp:	3348
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.0	54.0
54	53.8	42.0	63.0





#11

2-Methylnaphthalene-d10

Concen: 0.168 ng

RT: 11.903 min Scan# 1145

Delta R.T. -0.011 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

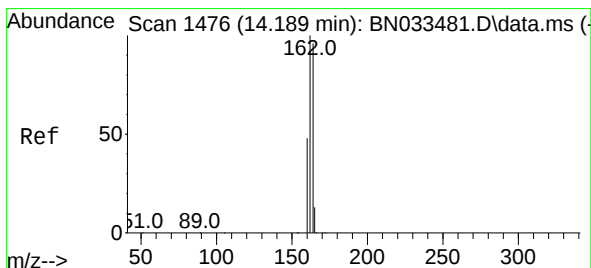
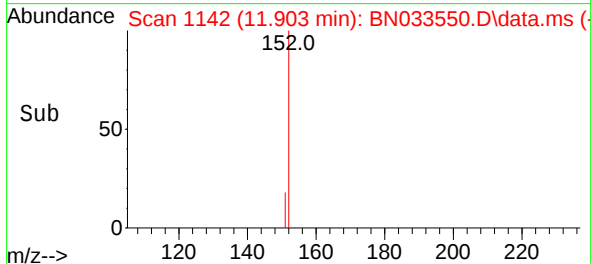
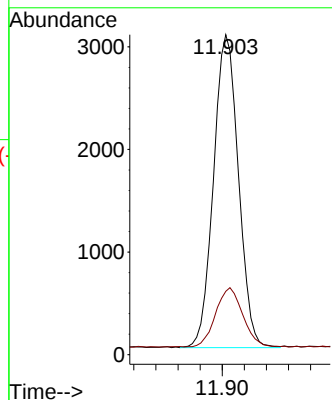
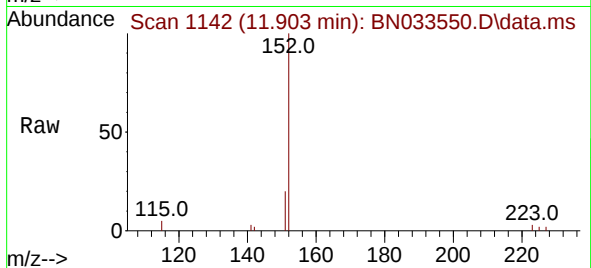
914-J-SD-0-0.5-081624

Tgt Ion:152 Resp: 4768

Ion Ratio Lower Upper

152 100

151 20.7 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: BN033550.D

Acq: 22 Aug 2024 13:29

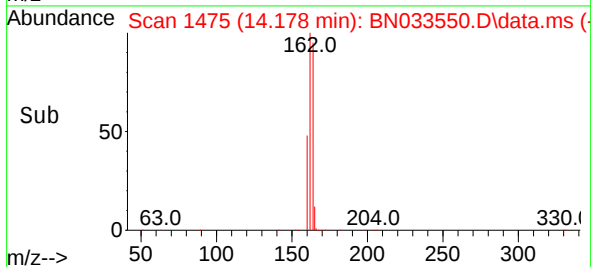
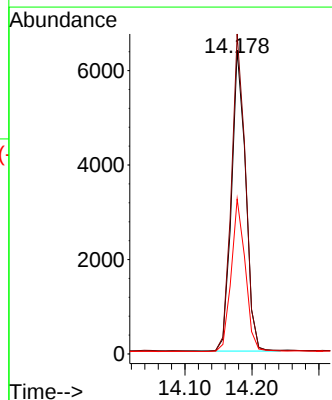
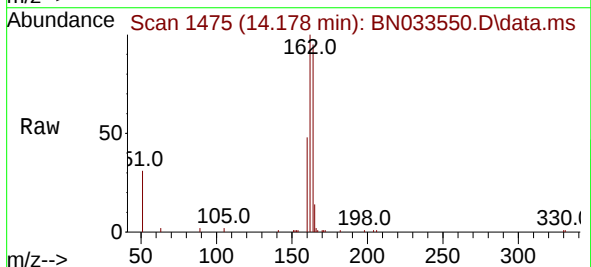
Tgt Ion:164 Resp: 9323

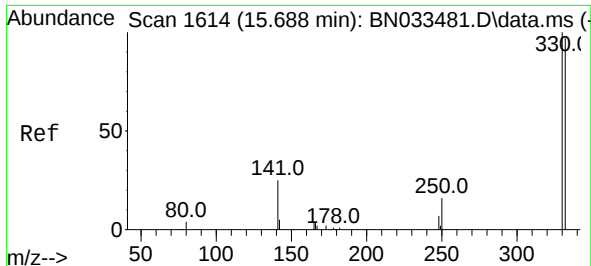
Ion Ratio Lower Upper

164 100

162 105.3 83.5 125.3

160 51.0 40.2 60.4

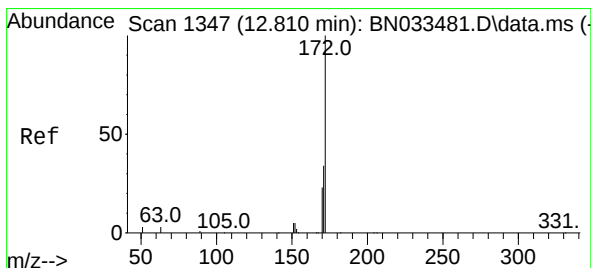
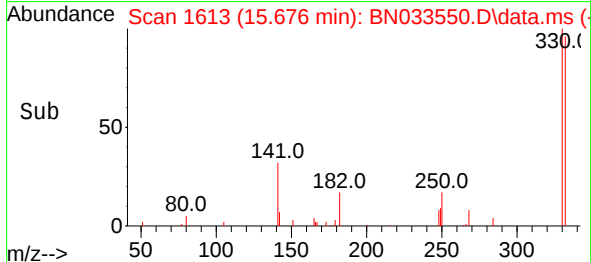
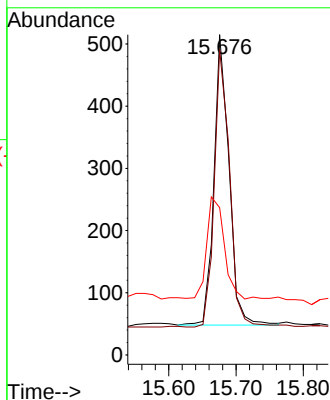
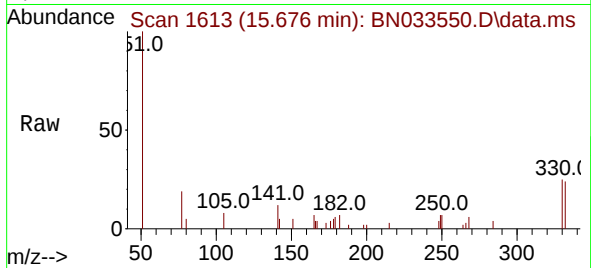




#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

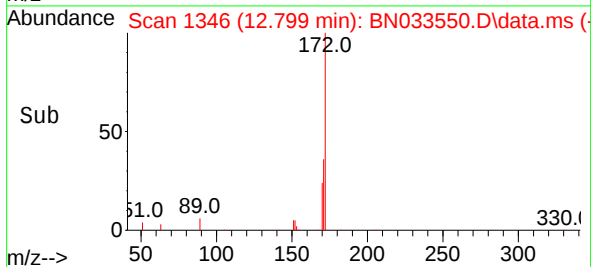
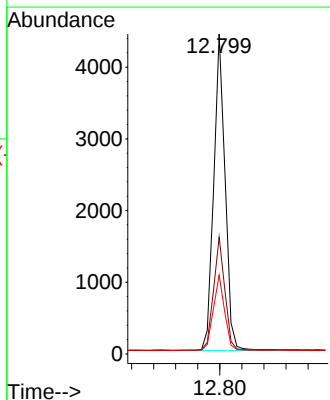
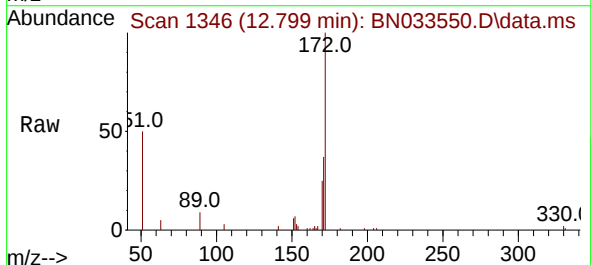
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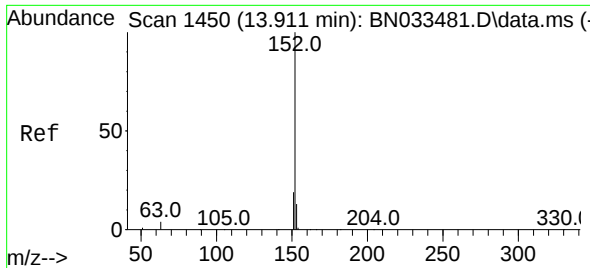
Tgt Ion:	330	Resp:	722
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.5	116.3
141	42.4	33.9	50.9



#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion:	172	Resp:	6297
Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.7	41.5
170	24.6	18.3	27.5

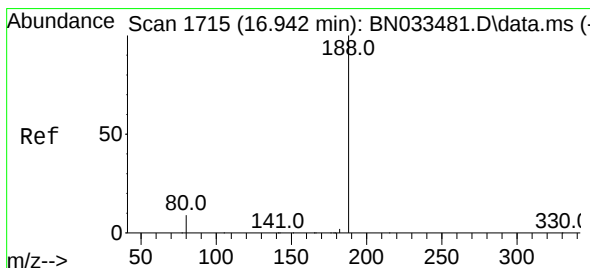
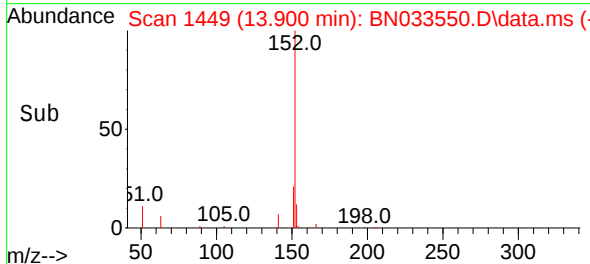
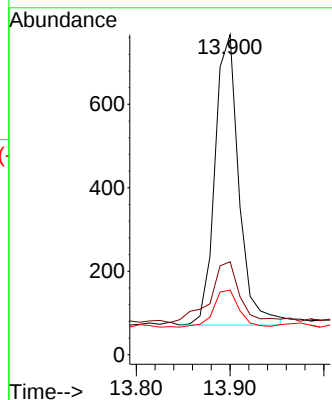
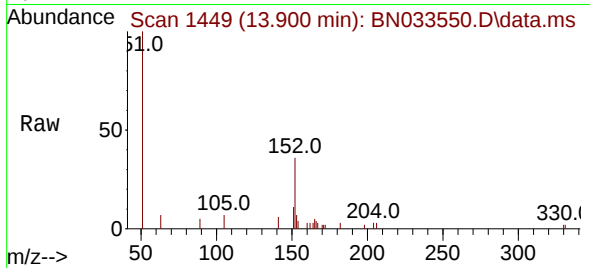




#16
Acenaphthylene
Concen: 0.030 ng
RT: 13.900 min Scan# 1450
Delta R.T. -0.011 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

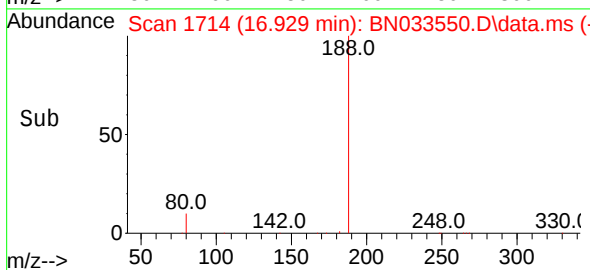
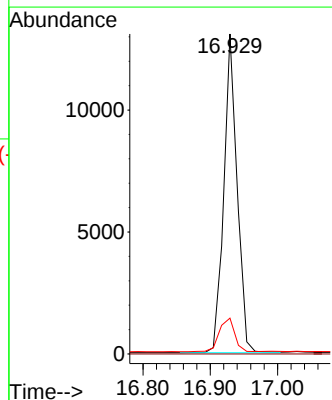
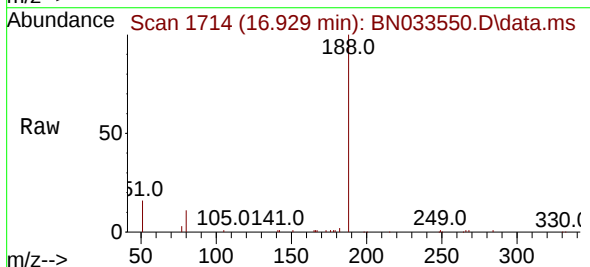
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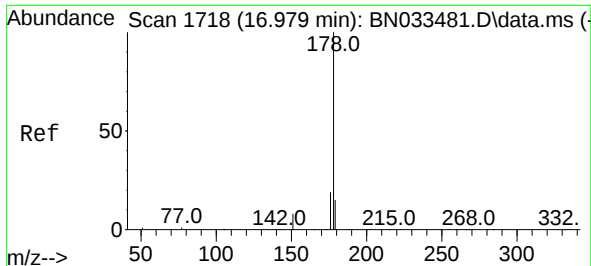
Tgt Ion:152 Resp: 1240
Ion Ratio Lower Upper
152 100
151 25.9 15.7 23.5#
153 13.6 10.3 15.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion:188 Resp: 17884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.8 11.8





#25

Phenanthrene

Concen: 0.124 ng

RT: 16.967 min Scan# 1717

Delta R.T. -0.012 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0-0.5-081624

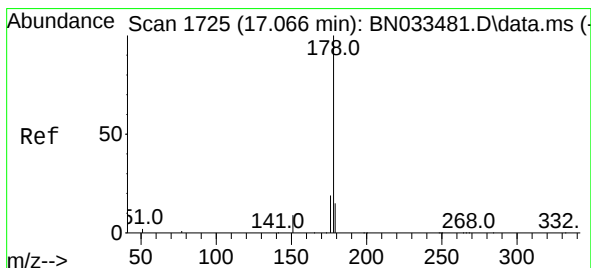
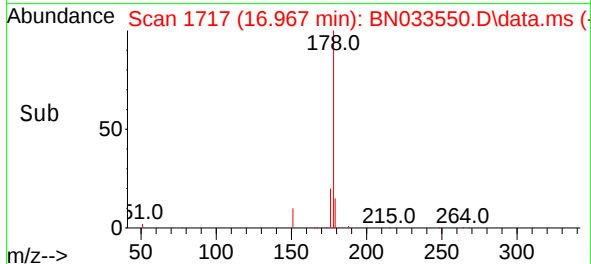
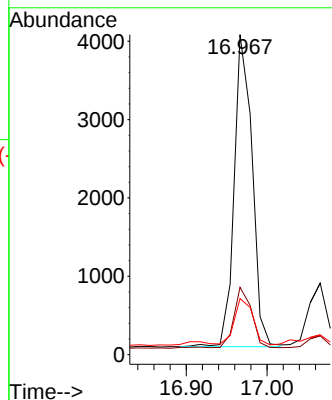
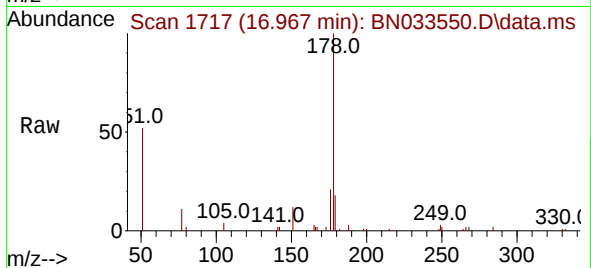
Tgt Ion:178 Resp: 6155

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.1 12.3 18.5



#26

Anthracene

Concen: 0.028 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.000 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

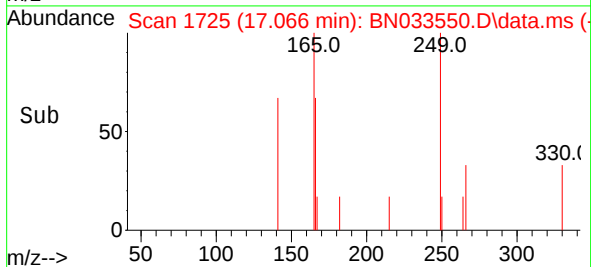
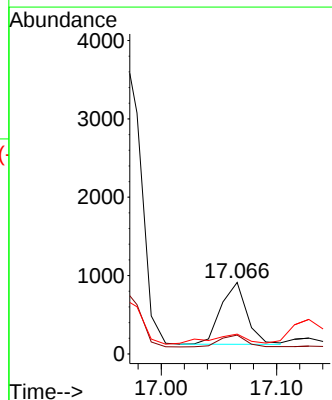
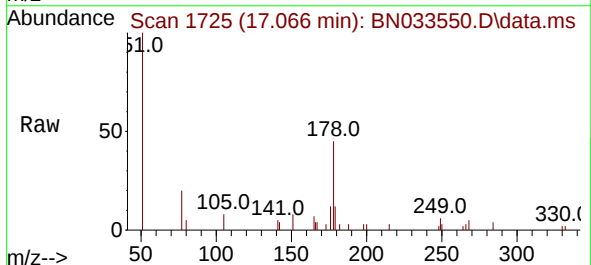
Tgt Ion:178 Resp: 1236

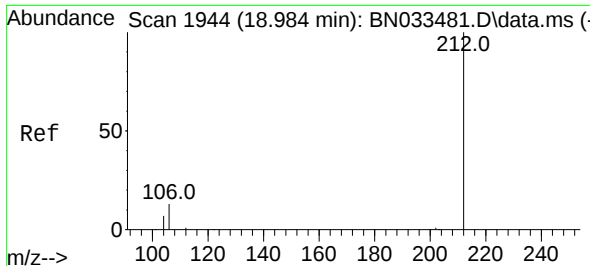
Ion Ratio Lower Upper

178 100

176 20.0 15.0 22.6

179 23.6 12.4 18.6#

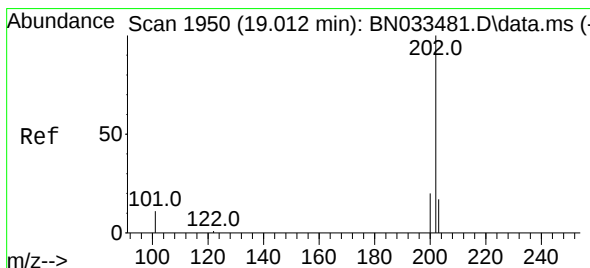
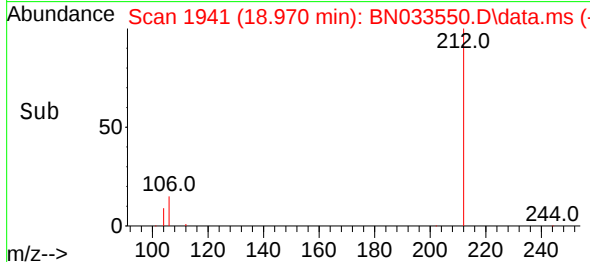
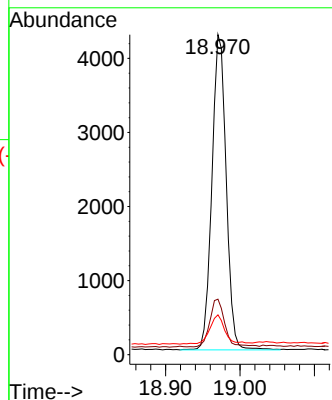
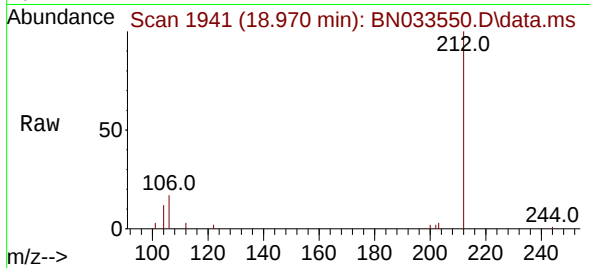




#27
Fluoranthene-d10
Concen: 0.132 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

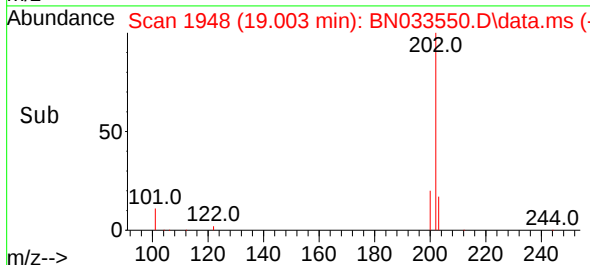
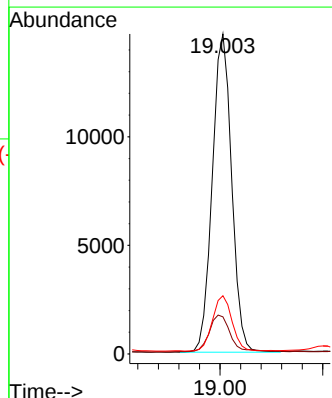
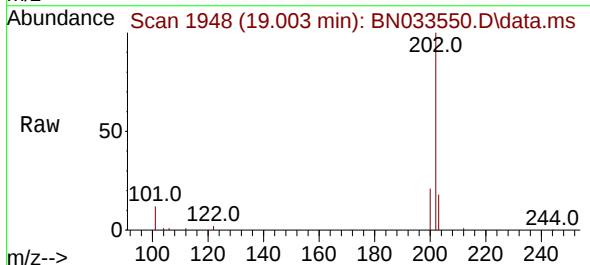
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0-0.5-081624

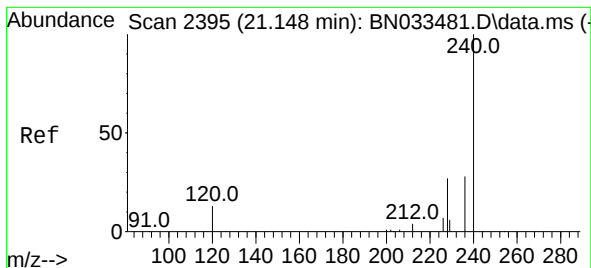
Tgt Ion:212 Resp: 5667
Ion Ratio Lower Upper
212 100
106 15.7 12.3 18.5
104 10.0 7.0 10.4



#28
Fluoranthene
Concen: 0.348 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033550.D
Acq: 22 Aug 2024 13:29

Tgt Ion:202 Resp: 19140
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
203 17.5 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: BN033550.D

Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0-0.5-081624

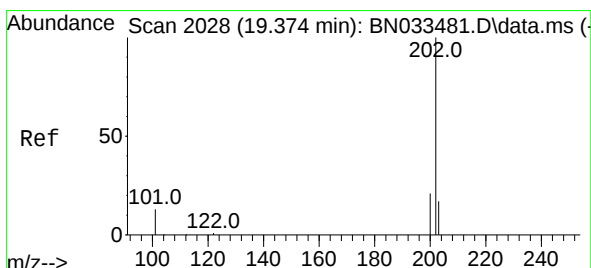
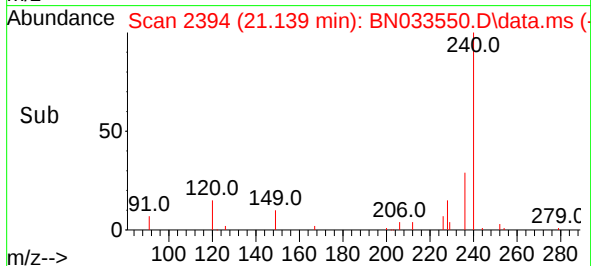
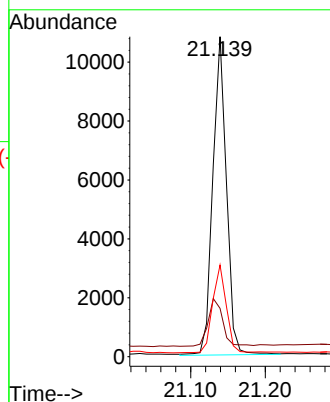
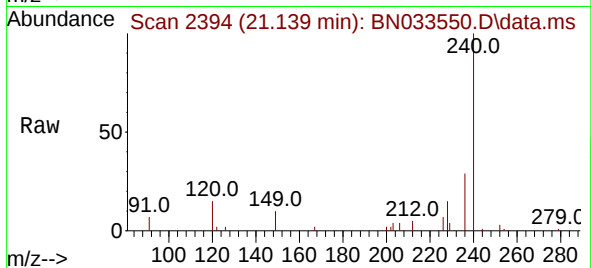
Tgt Ion:240 Resp: 13716

Ion Ratio Lower Upper

240 100

120 15.1 12.4 18.6

236 28.7 23.0 34.6



#30

Pyrene

Concen: 0.266 ng

RT: 19.365 min Scan# 2026

Delta R.T. -0.009 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

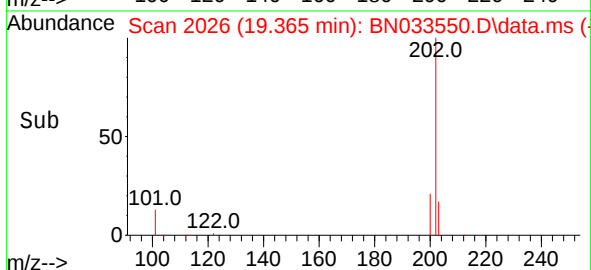
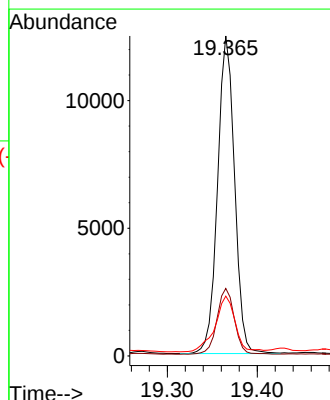
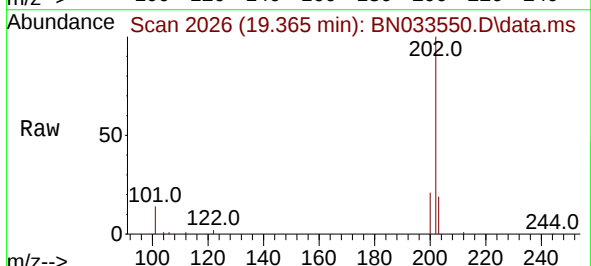
Tgt Ion:202 Resp: 16286

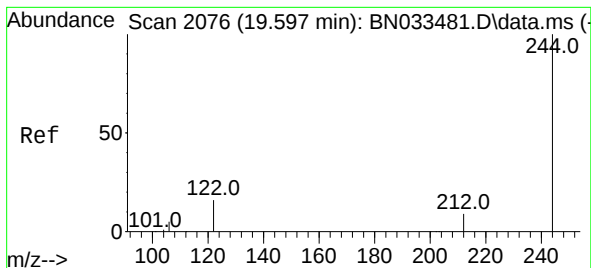
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 20.7 14.2 21.4





#31

Terphenyl-d14

Concen: 0.114 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0-0.5-081624

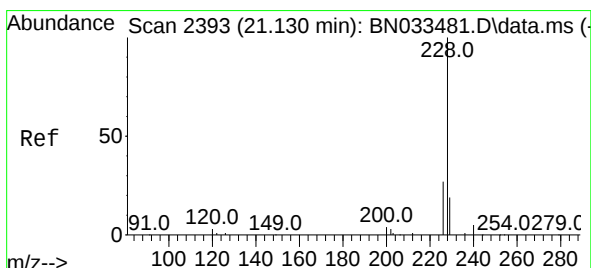
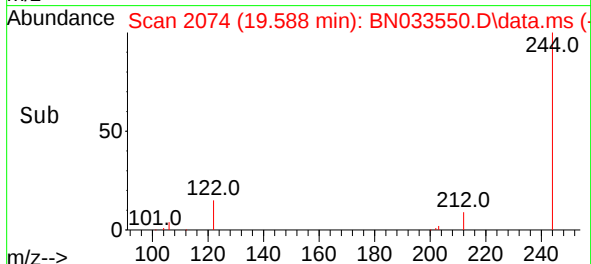
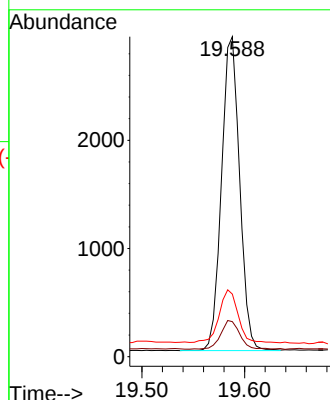
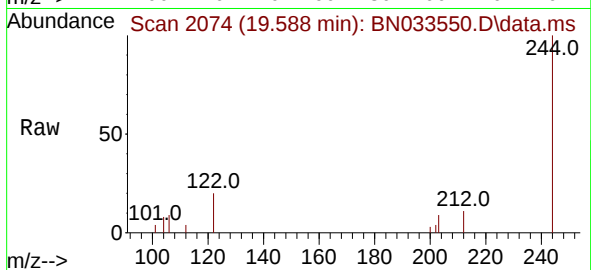
Tgt Ion:244 Resp: 3561

Ion Ratio Lower Upper

244 100

212 11.0 7.8 11.6

122 19.5 13.3 19.9



#32

Benzo(a)anthracene

Concen: 0.164 ng

RT: 21.121 min Scan# 2392

Delta R.T. -0.009 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

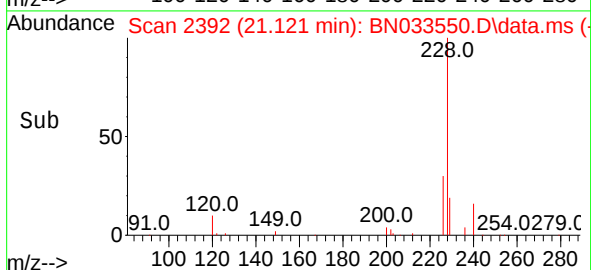
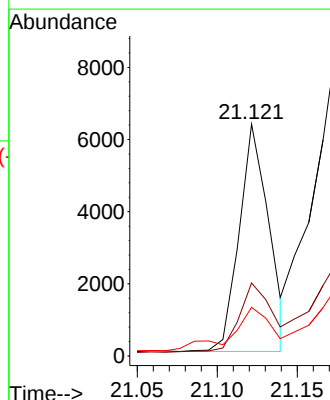
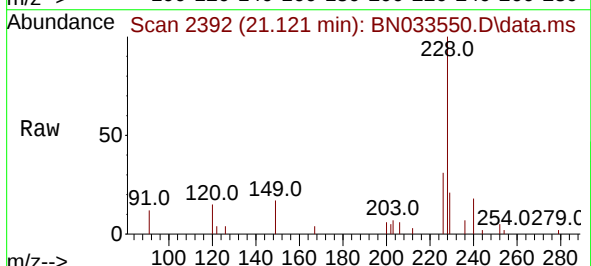
Tgt Ion:228 Resp: 8151

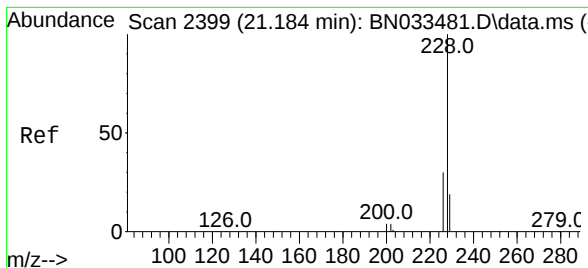
Ion Ratio Lower Upper

228 100

226 31.5 21.8 32.6

229 21.0 15.8 23.6





#33

Chrysene

Concen: 0.282 ng

RT: 21.175 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0-0.5-081624

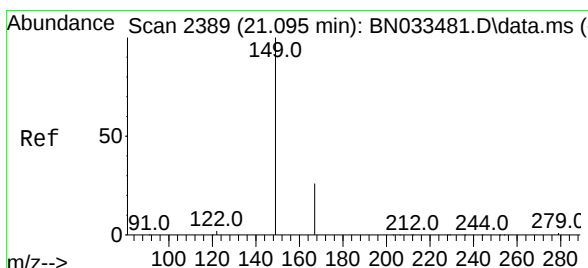
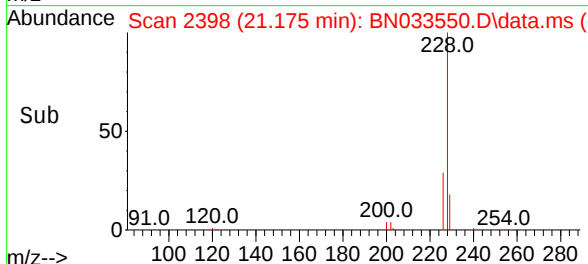
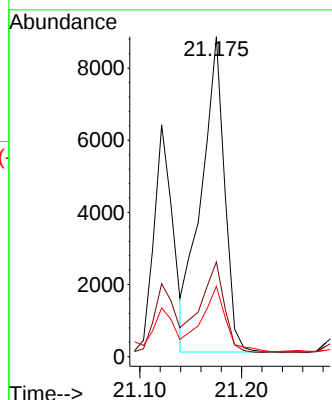
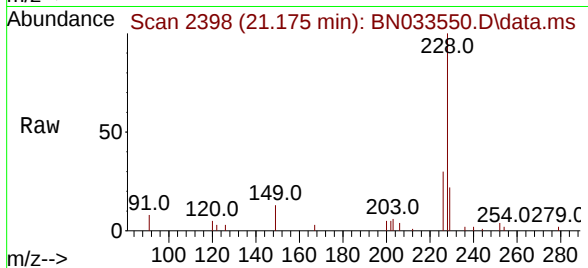
Tgt Ion:228 Resp: 13924

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 22.0 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.269 ng

RT: 21.086 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

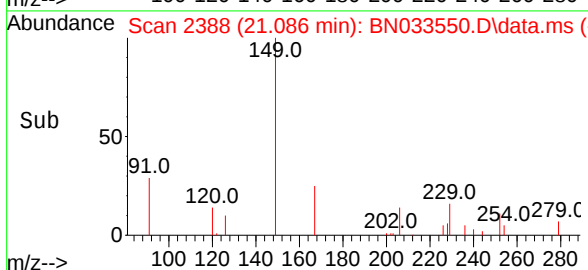
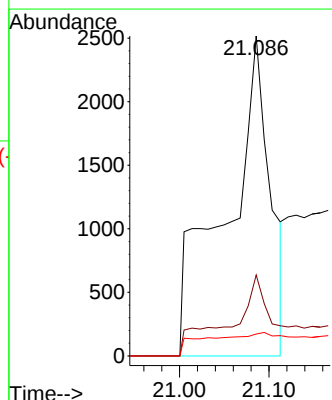
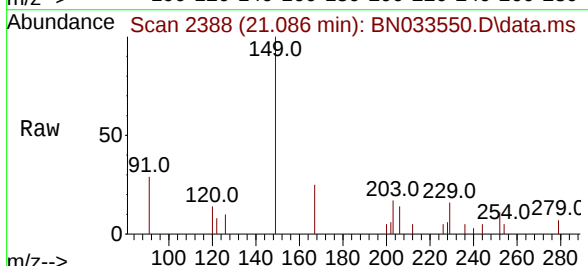
Tgt Ion:149 Resp: 8454

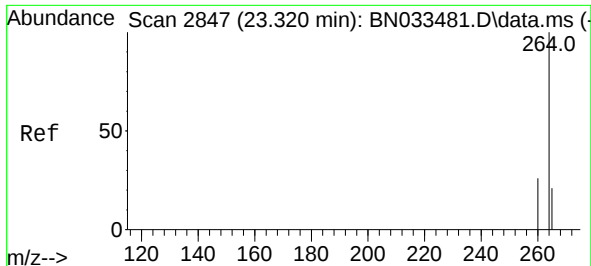
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 13.9 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: BN033550.D

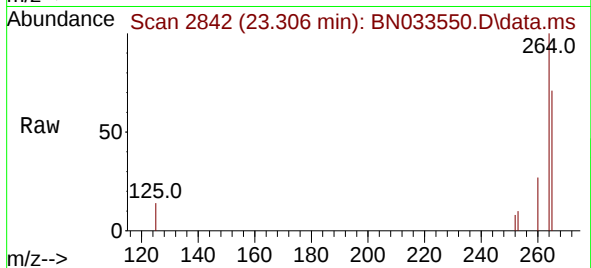
Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

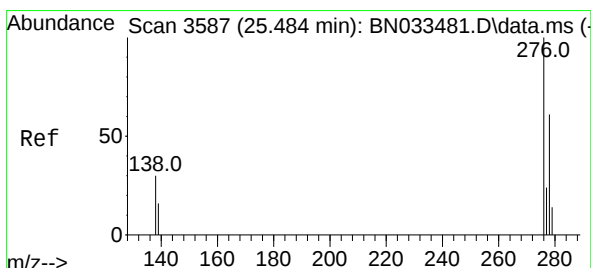
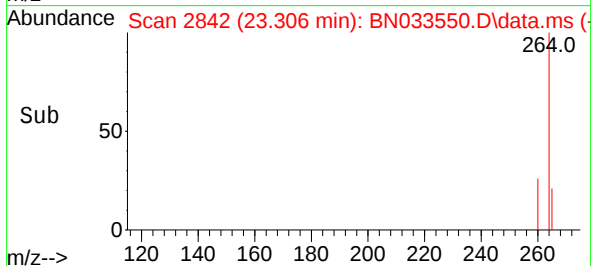
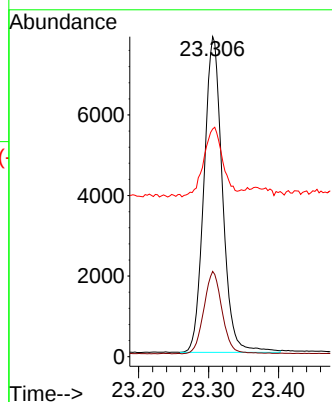
ClientSampleId :

914-J-SD-0-0.5-081624



Tgt Ion:264 Resp: 14372

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	71.2	52.2	78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.145 ng

RT: 25.455 min Scan# 3577

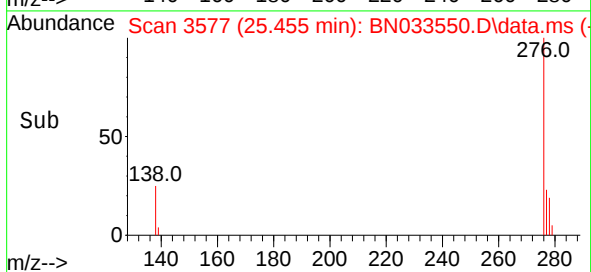
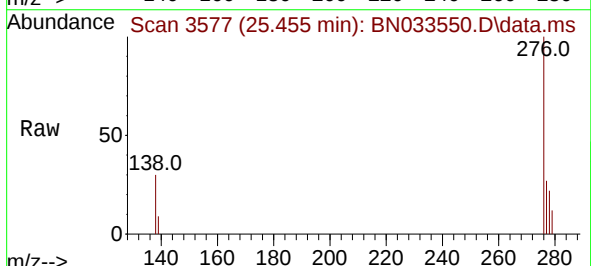
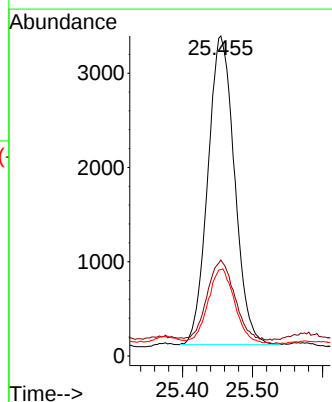
Delta R.T. -0.029 min

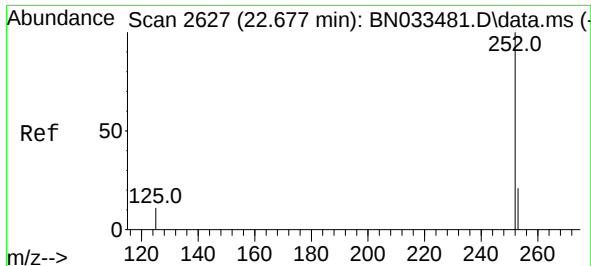
Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

Tgt Ion:276 Resp: 8652

Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.4	36.6
277	23.8	19.8	29.6





#37

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.663 min Scan# 2622

Delta R.T. -0.015 min

Lab File: BN033550.D

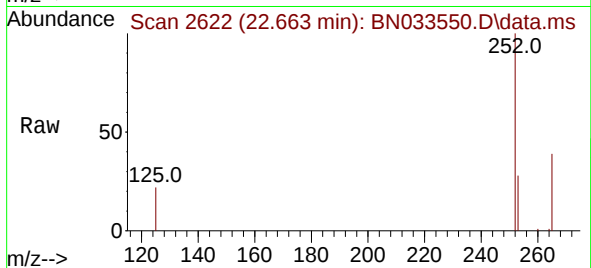
Acq: 22 Aug 2024 13:29

Instrument :

BN033550.D

ClientSampleId :

914-J-SD-0-0.5-081624



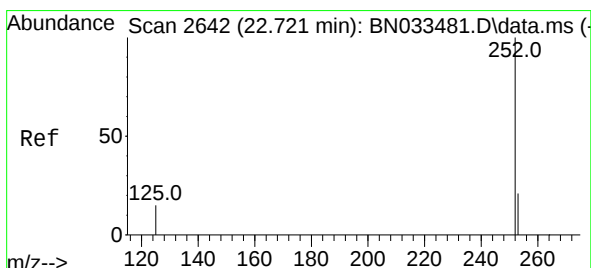
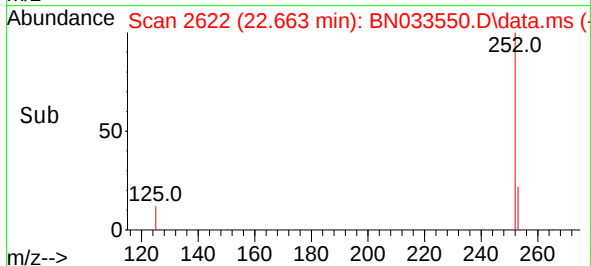
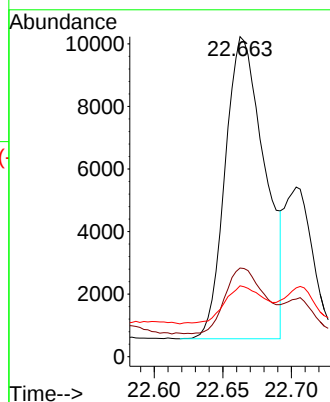
Tgt Ion:252 Resp: 19359

Ion Ratio Lower Upper

252 100

253 27.7 19.8 29.8

125 22.1 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.366 ng

RT: 22.663 min Scan# 2622

Delta R.T. -0.059 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

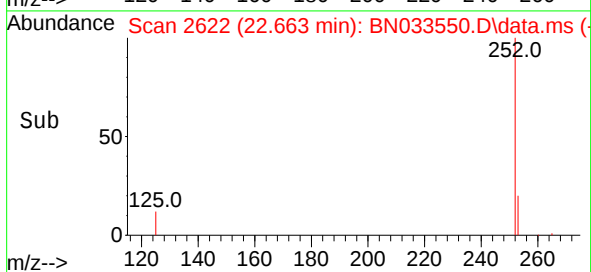
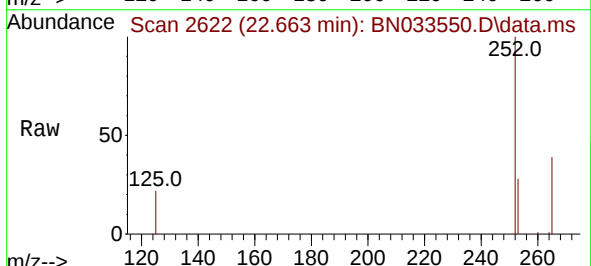
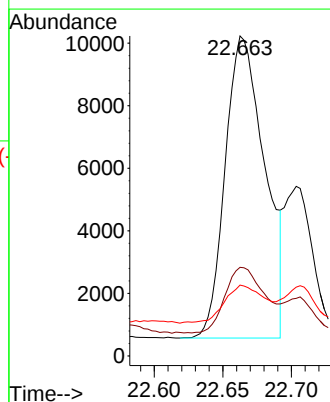
Tgt Ion:252 Resp: 19359

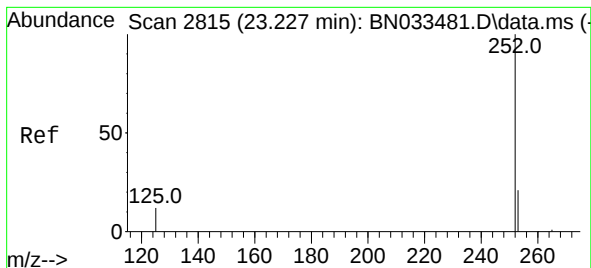
Ion Ratio Lower Upper

252 100

253 27.7 19.8 29.8

125 22.1 15.8 23.8





#39

Benzo(a)pyrene

Concen: 0.198 ng

RT: 23.212 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN033550.D

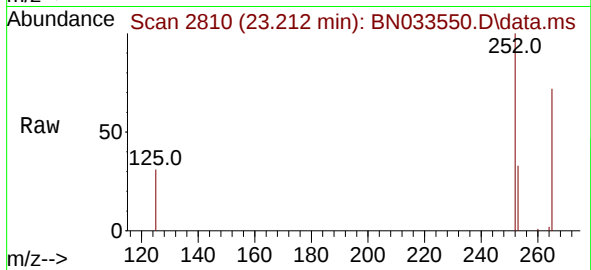
Acq: 22 Aug 2024 13:29

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0-0.5-081624



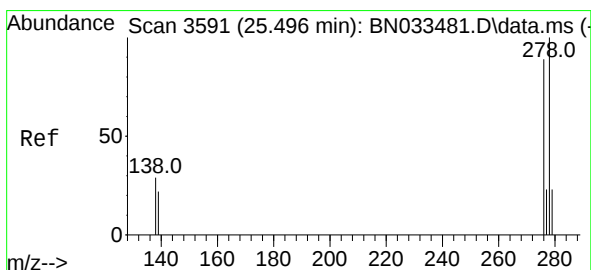
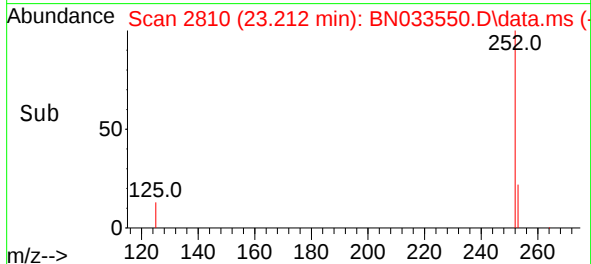
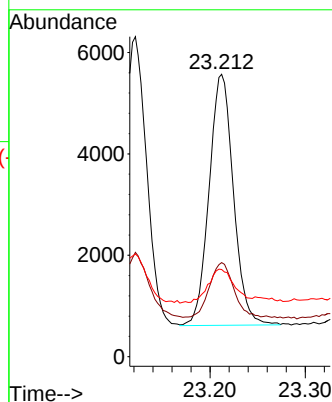
Tgt Ion:252 Resp: 8778

Ion Ratio Lower Upper

252 100

253 33.3 21.5 32.3#

125 30.9 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.048 ng

RT: 25.466 min Scan# 3581

Delta R.T. -0.029 min

Lab File: BN033550.D

Acq: 22 Aug 2024 13:29

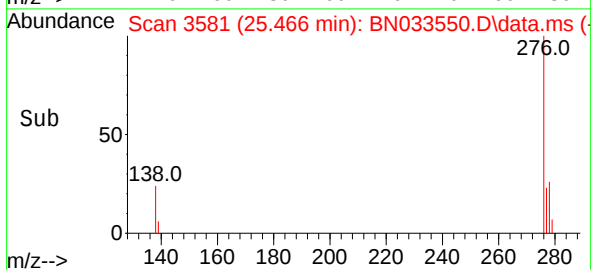
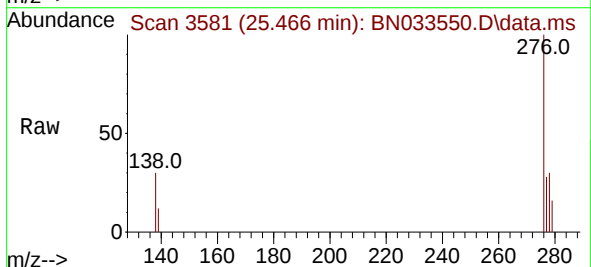
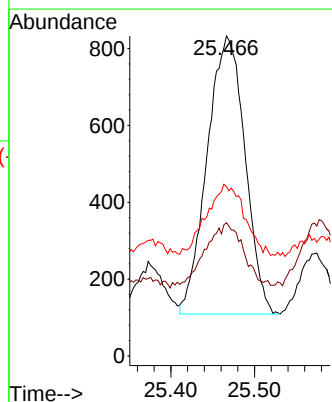
Tgt Ion:278 Resp: 2278

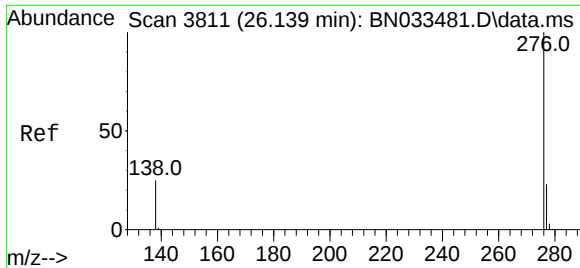
Ion Ratio Lower Upper

278 100

139 41.7 19.1 28.7#

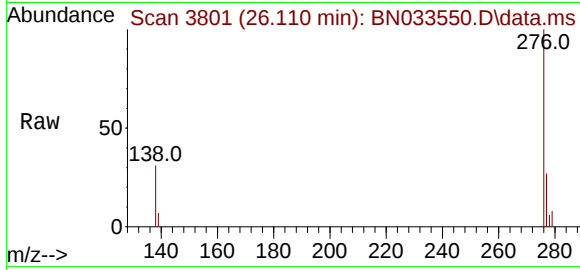
279 52.9 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.176 ng
 RT: 26.110 min Scan# 3811
 Delta R.T. -0.029 min
 Lab File: BN033550.D
 Acq: 22 Aug 2024 13:29

Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0-0.5-081624



Tgt Ion:	276	Resp:	8992
Ion Ratio	Lower	Upper	
276	100		
277	27.0	19.7	29.5
138	31.0	21.8	32.6

