

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033549.D
 Acq On : 22 Aug 2024 12:53
 Operator : MA/JU
 Sample : P3663-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0.5-1-081624

Quant Time: Aug 22 14:05:57 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)

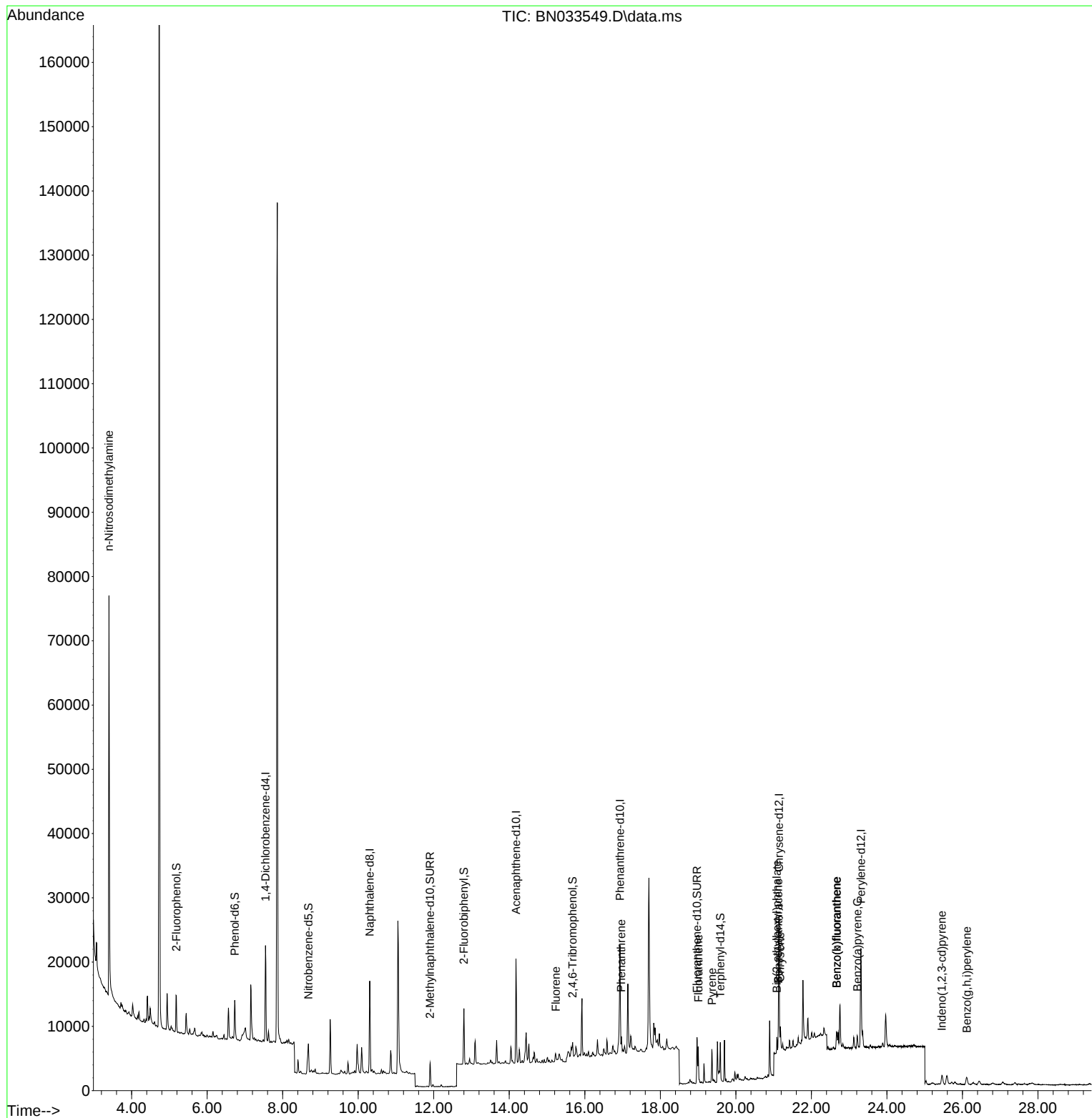
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	6905	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	17849	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8829	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19258	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	16834	0.400	ng	0.00
35) Perylene-d12	23.309	264	18945	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4338	0.198	ng	0.00
5) Phenol-d6	6.729	99	5197	0.199	ng	-0.01
8) Nitrobenzene-d5	8.681	82	3604	0.243	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	4909	0.192	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	875	0.184	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	6657	0.185	ng	-0.01
27) Fluoranthene-d10	18.970	212	7628	0.165	ng	-0.01
31) Terphenyl-d14	19.588	244	5177	0.135	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.400	42	9317	1.008	ng	# 1
18) Fluorene	15.236	166	1835	0.053	ng	# 23
25) Phenanthrene	16.967	178	2389	0.045	ng	99
28) Fluoranthene	19.003	202	4842	0.082	ng	98
30) Pyrene	19.365	202	4582	0.061	ng	97
32) Benzo(a)anthracene	21.122	228	2607	0.043	ng	# 88
33) Chrysene	21.175	228	3291	0.054	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.086	149	4213	0.109	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.455	276	2020	0.026	ng	# 93
37) Benzo(b)fluoranthene	22.669	252	3914	0.055	ng	# 39
38) Benzo(k)fluoranthene	22.669	252	3914	0.056	ng	# 42
39) Benzo(a)pyrene	23.215	252	2590	0.044	ng	# 27
41) Benzo(g,h,i)perylene	26.113	276	1991	0.030	ng	# 46

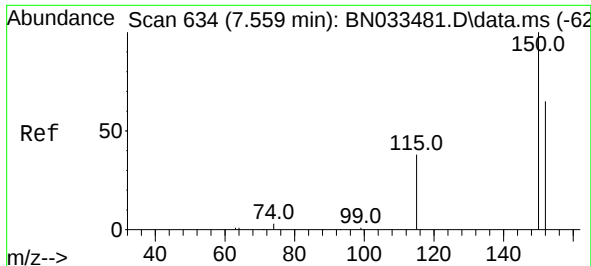
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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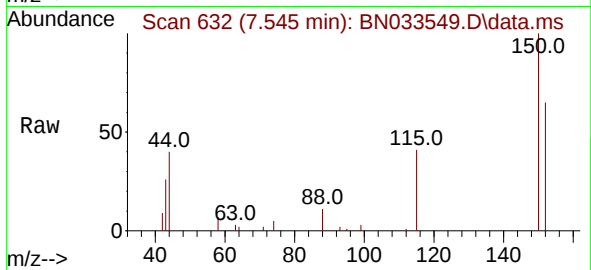
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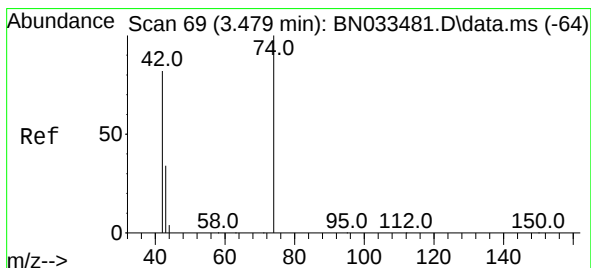
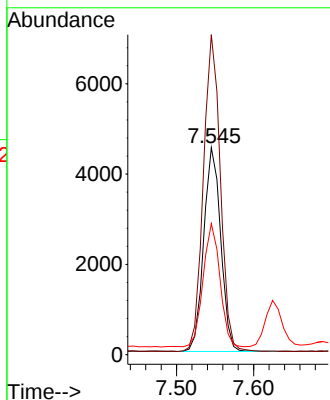
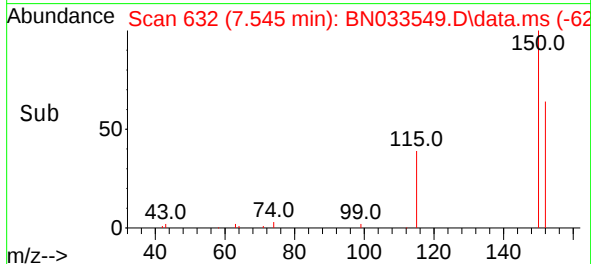


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624

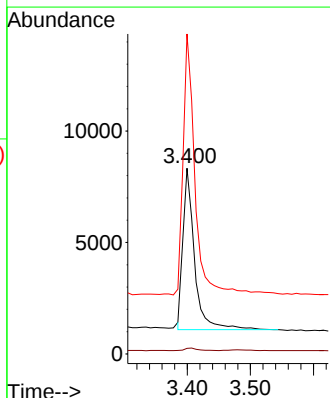
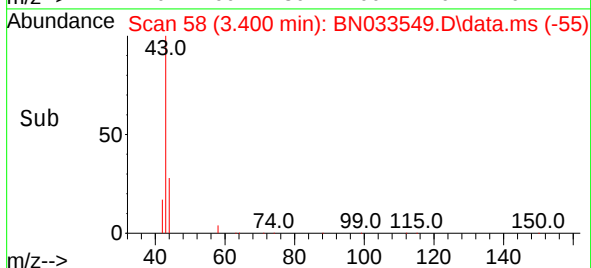
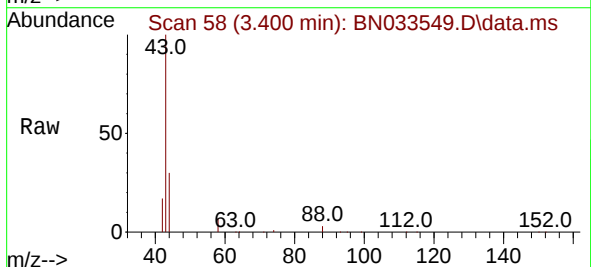


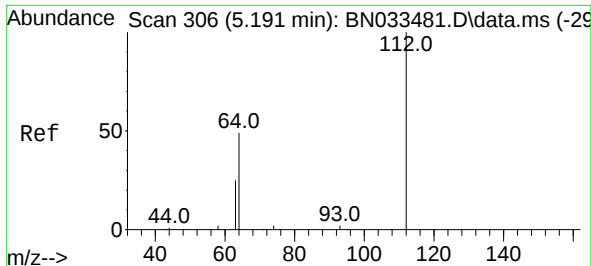
Tgt Ion:152 Resp: 6905
Ion Ratio Lower Upper
152 100
150 154.5 122.2 183.2
115 63.3 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 1.008 ng
RT: 3.400 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion: 42 Resp: 9317
Ion Ratio Lower Upper
42 100
74 1.6 100.2 150.2#
44 158.7 5.3 7.9#

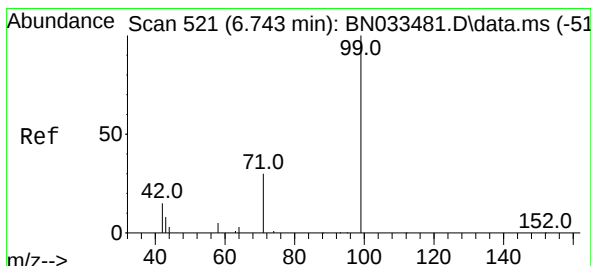
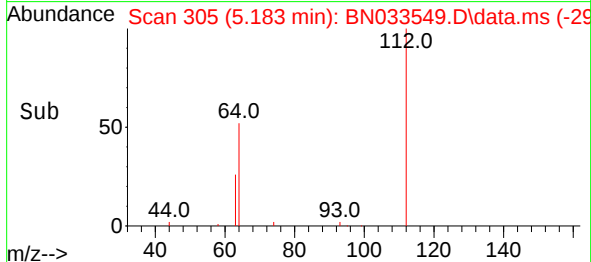
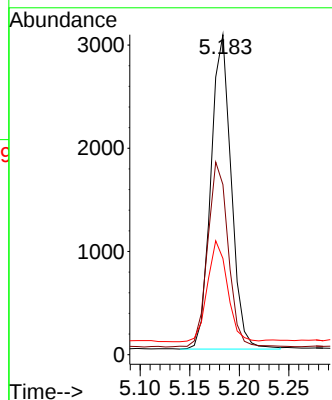
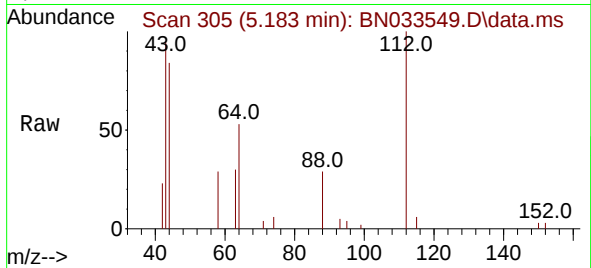




#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

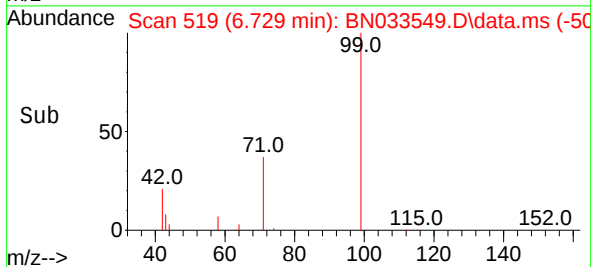
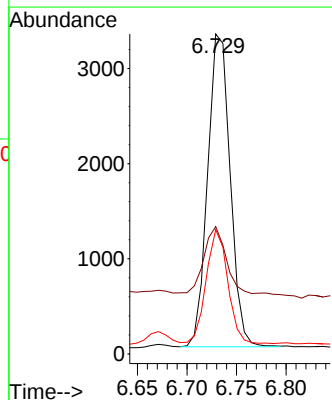
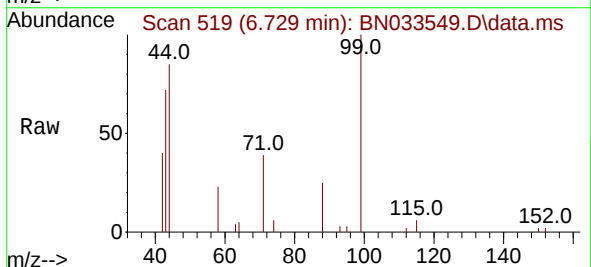
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624

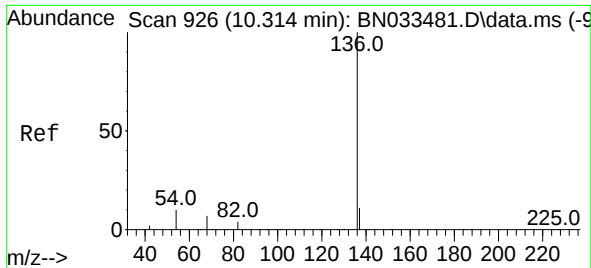
Tgt Ion:112 Resp: 4338
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.7 24.9 37.3



#5
Phenol-d6
Concen: 0.199 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion: 99 Resp: 5197
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 35.2 26.2 39.4

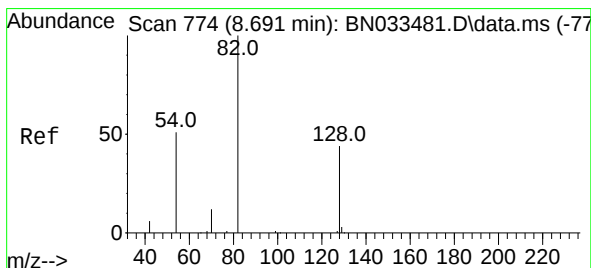
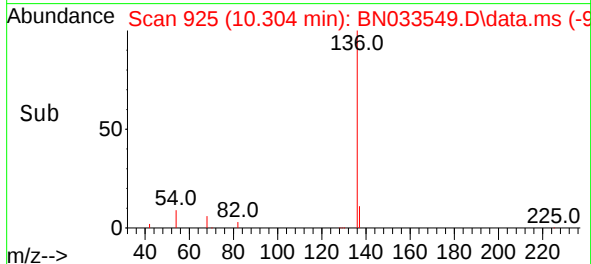
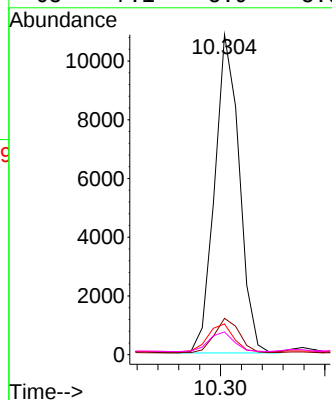
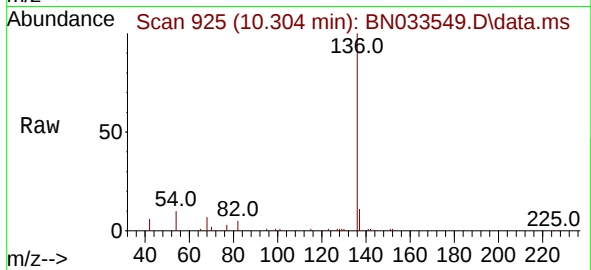




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

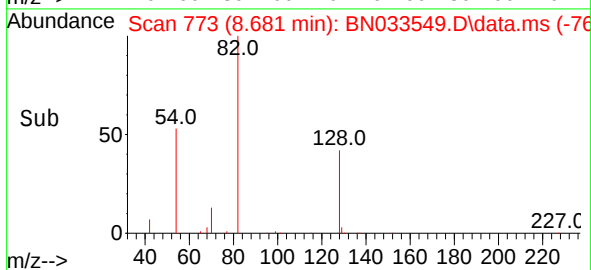
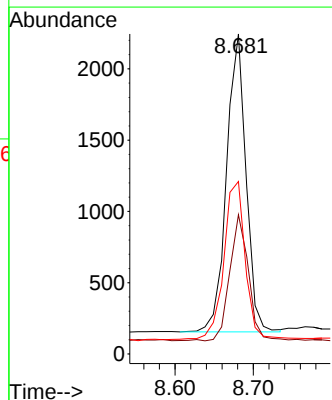
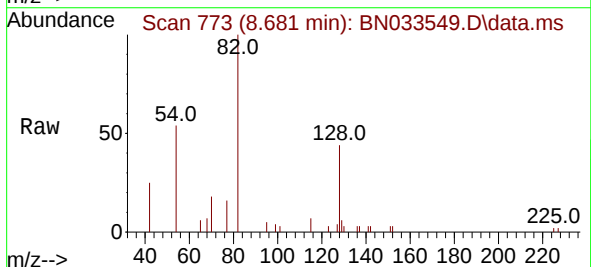
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624

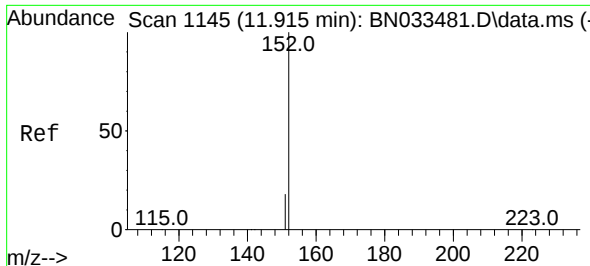
Tgt Ion:	136	Resp:	17849
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.6	8.3	12.5
68	7.1	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:	82	Resp:	3604
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.0	54.0
54	53.9	42.0	63.0

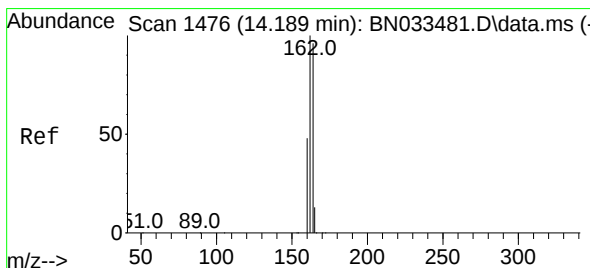
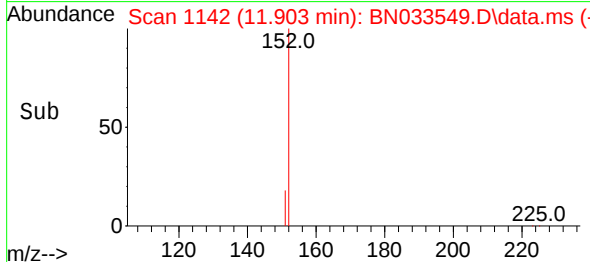
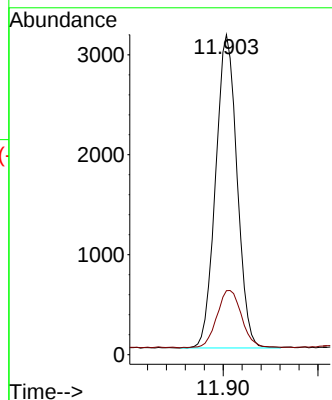
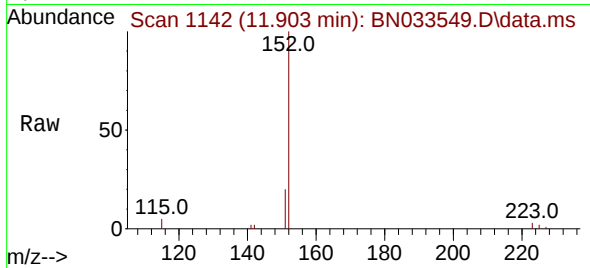




#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.903 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

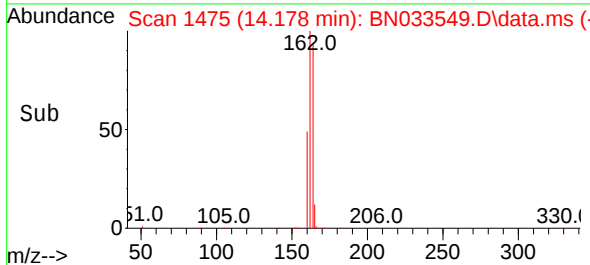
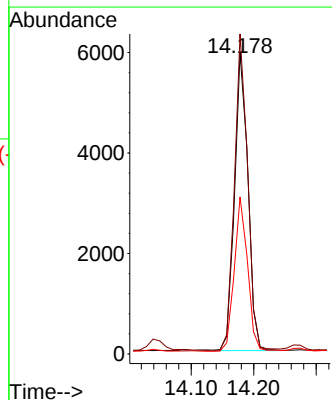
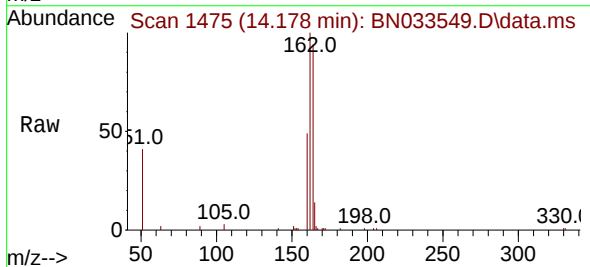
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624

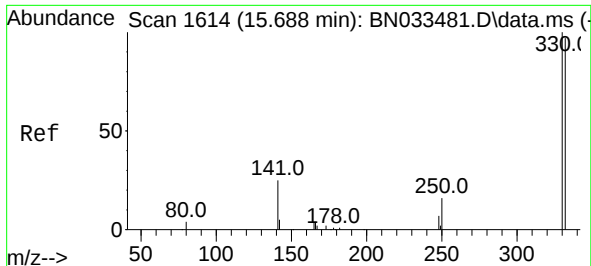
Tgt Ion:152 Resp: 4909
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:164 Resp: 8829
Ion Ratio Lower Upper
164 100
162 106.2 83.5 125.3
160 52.1 40.2 60.4

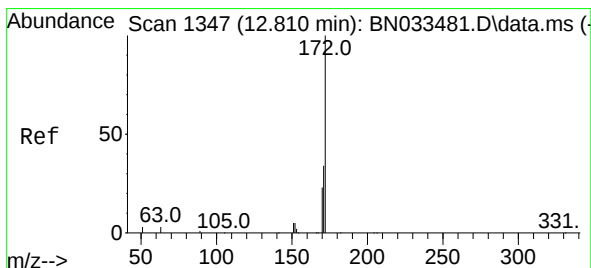
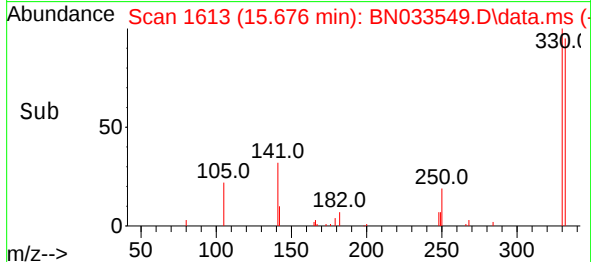
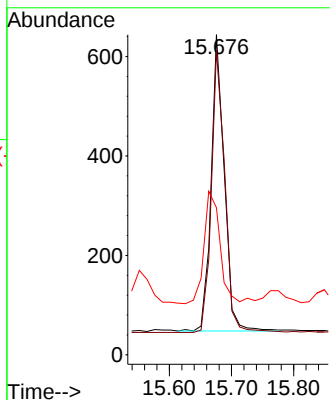
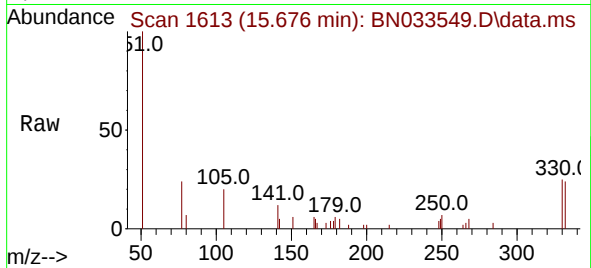




#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

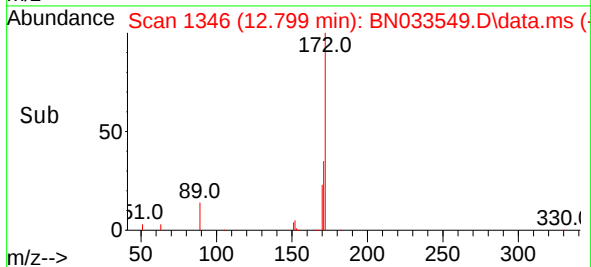
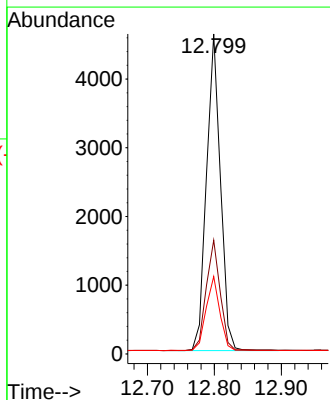
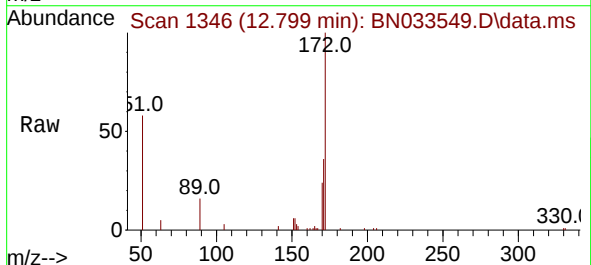
Instrument :
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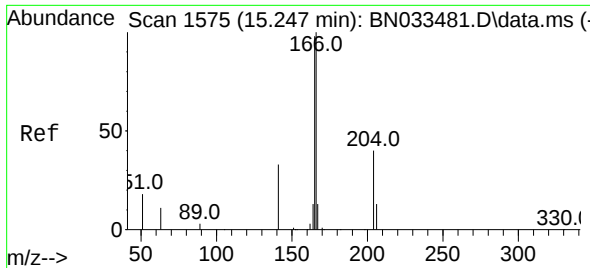
Tgt Ion:	330	Resp:	875
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.5	116.3
141	45.8	33.9	50.9



#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:	172	Resp:	6657
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.7	41.5
170	24.2	18.3	27.5





#18

Fluorene

Concen: 0.053 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.011 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624

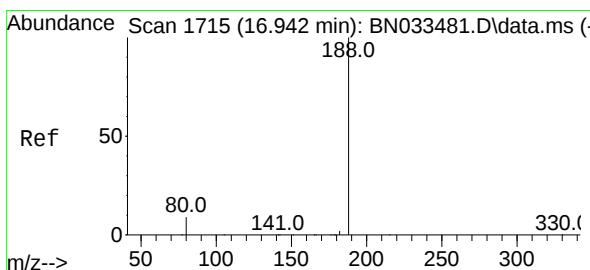
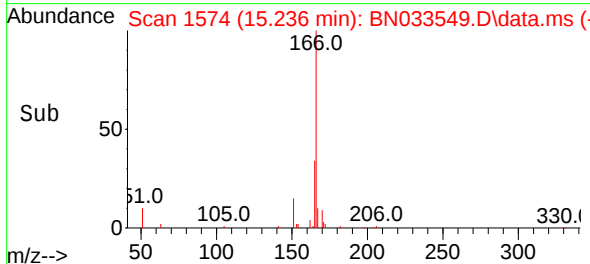
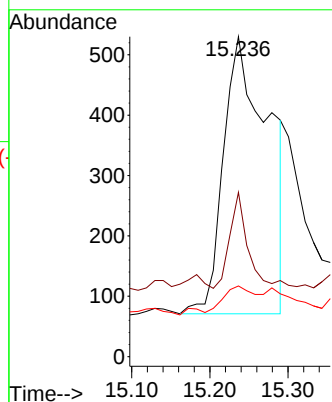
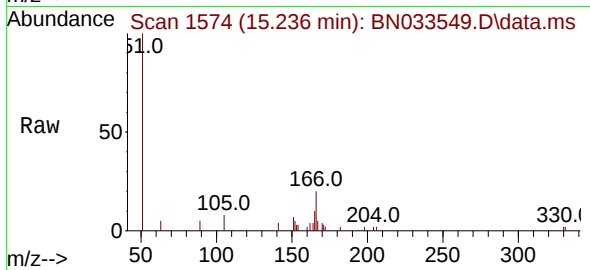
Tgt Ion:166 Resp: 1835

Ion Ratio Lower Upper

166 100

165 13.6 78.2 117.4#

167 7.8 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: BN033549.D

Acq: 22 Aug 2024 12:53

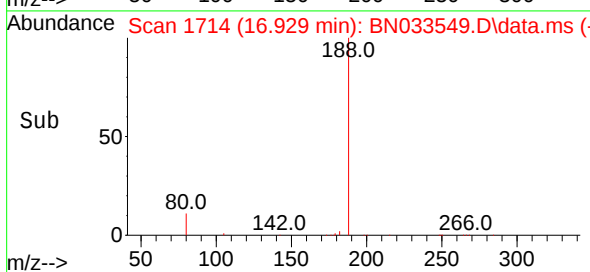
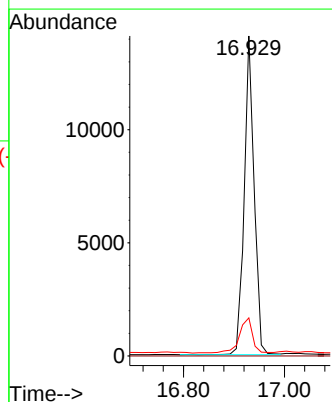
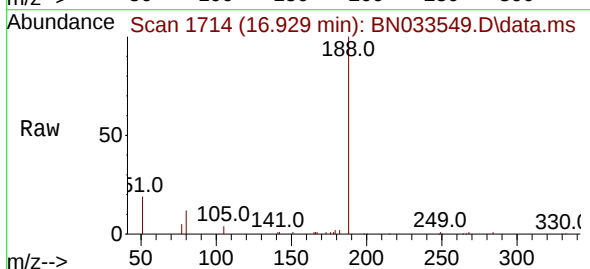
Tgt Ion:188 Resp: 19258

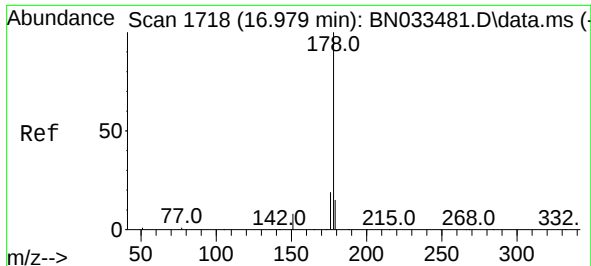
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.8 11.8#

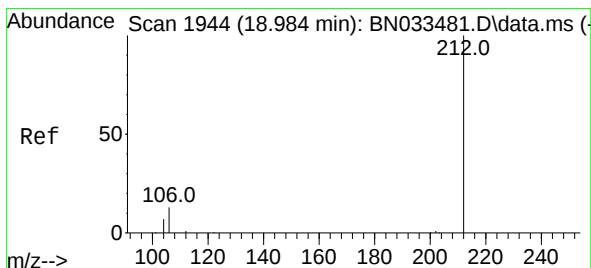
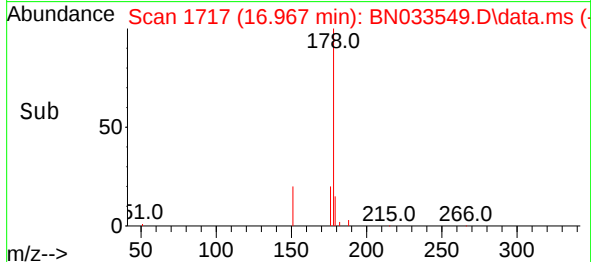
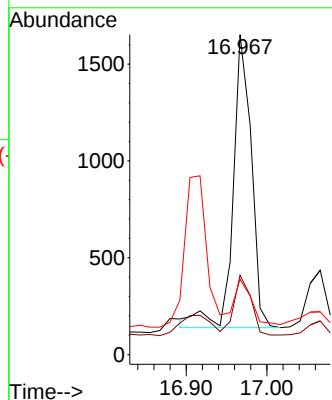
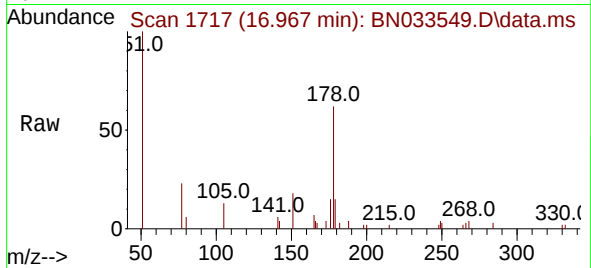




#25
Phenanthrene
Concen: 0.045 ng
RT: 16.967 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

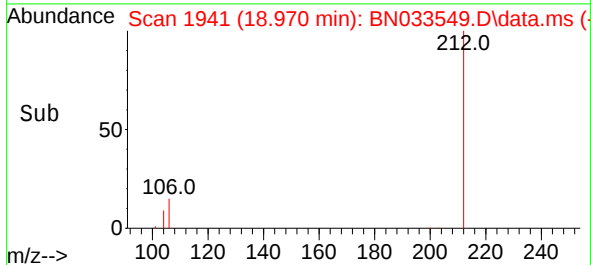
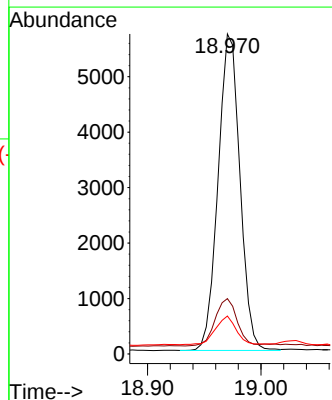
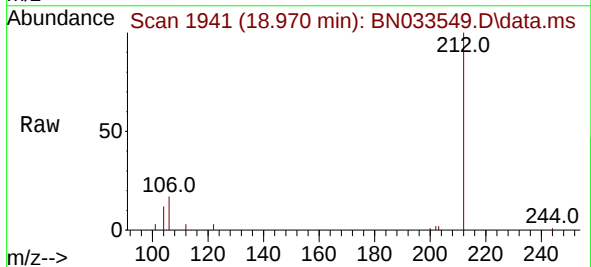
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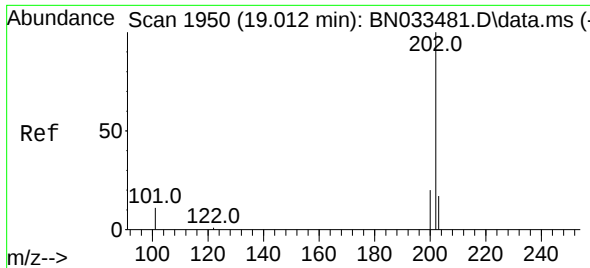
Tgt Ion:178 Resp: 2389
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.6 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:212 Resp: 7628
Ion Ratio Lower Upper
212 100
106 15.0 12.3 18.5
104 8.9 7.0 10.4

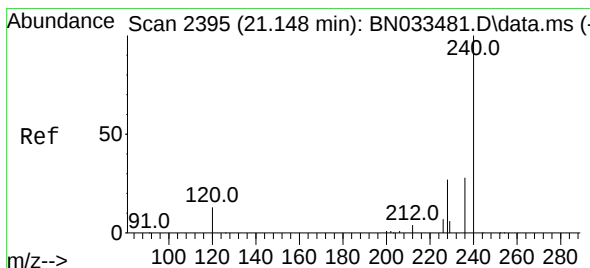
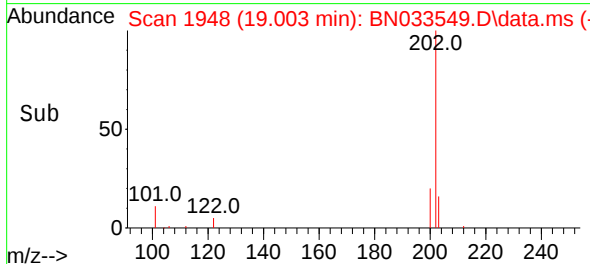
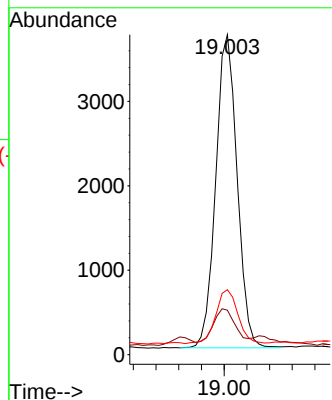
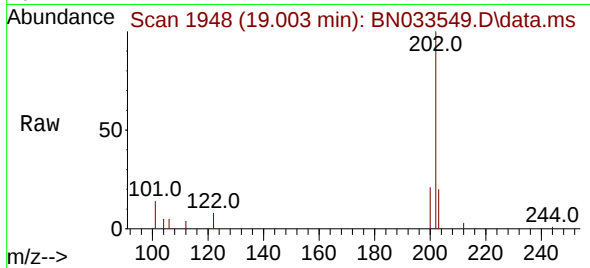




#28
Fluoranthene
Concen: 0.082 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

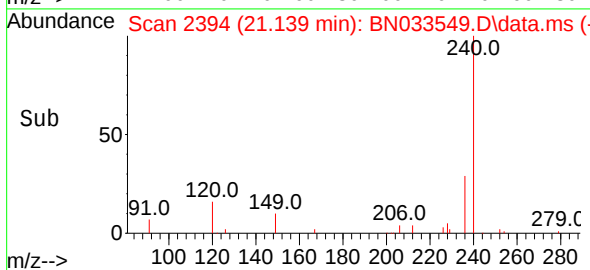
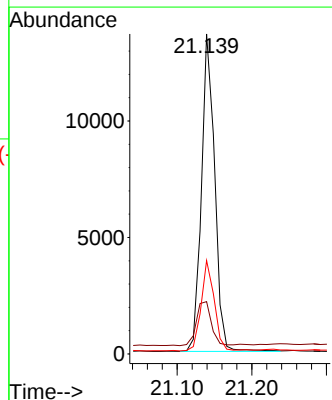
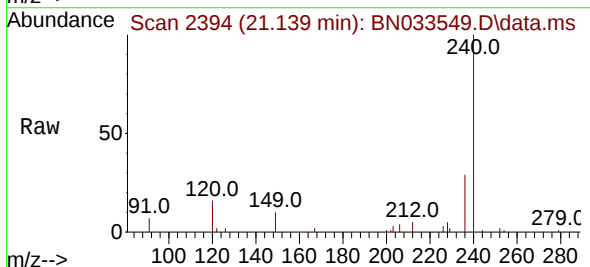
Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624

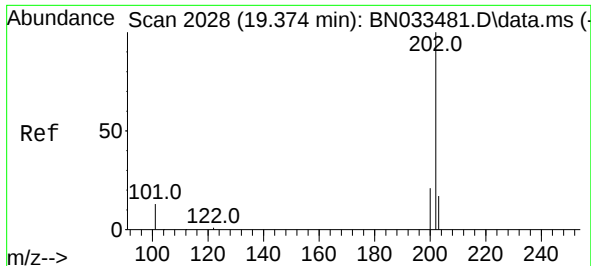
Tgt Ion:202 Resp: 4842
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
203 17.8 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Tgt Ion:240 Resp: 16834
Ion Ratio Lower Upper
240 100
120 16.3 12.4 18.6
236 29.2 23.0 34.6





#30

Pyrene

Concen: 0.061 ng

RT: 19.365 min Scan# 2028

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624

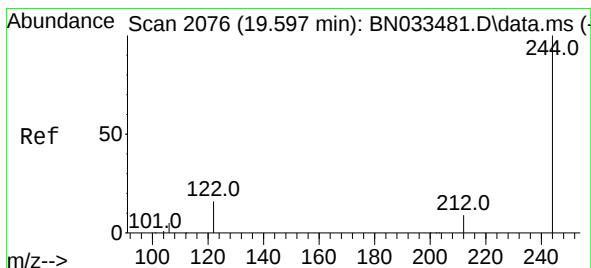
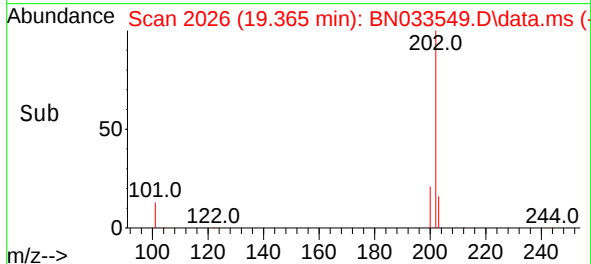
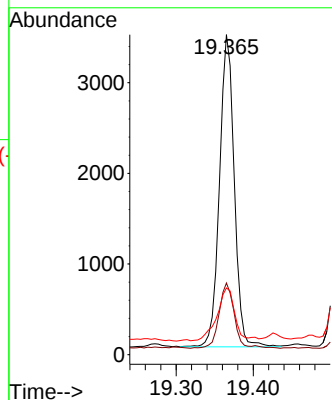
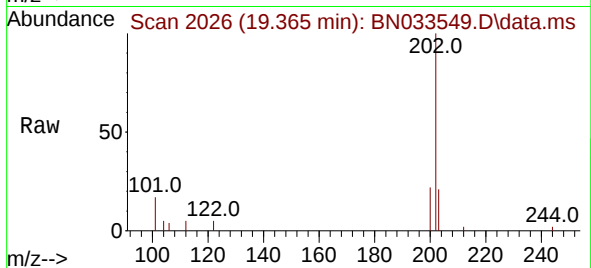
Tgt Ion:202 Resp: 4582

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 20.5 14.2 21.4



#31

Terphenyl-d14

Concen: 0.135 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

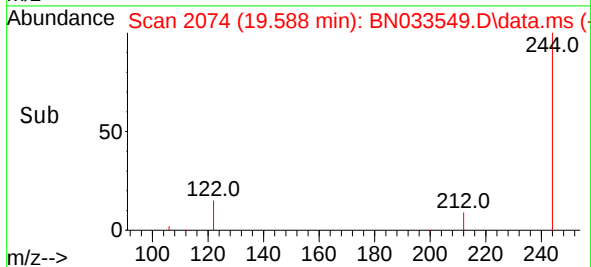
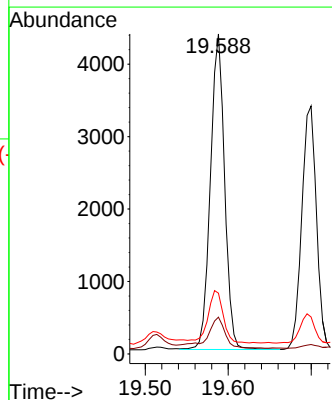
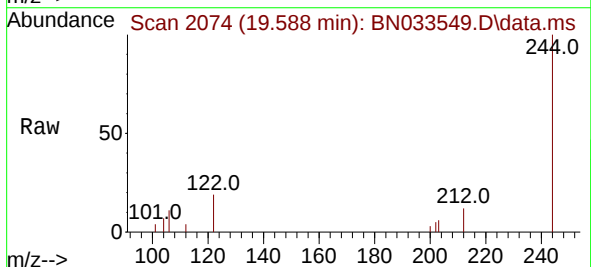
Tgt Ion:244 Resp: 5177

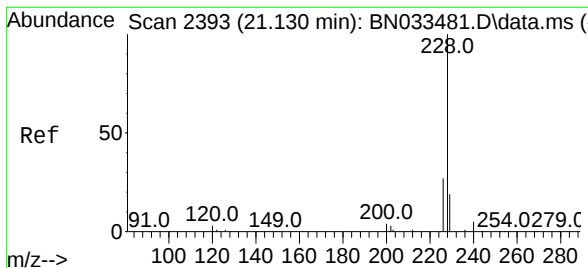
Ion Ratio Lower Upper

244 100

212 11.5 7.8 11.6

122 19.0 13.3 19.9





#32

Benzo(a)anthracene

Concen: 0.043 ng

RT: 21.122 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624

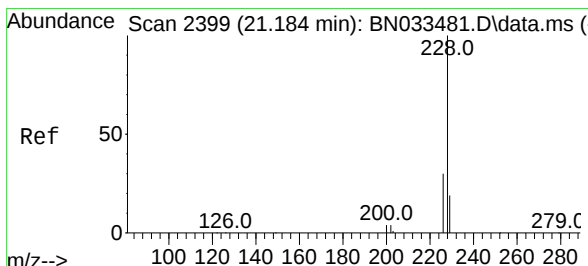
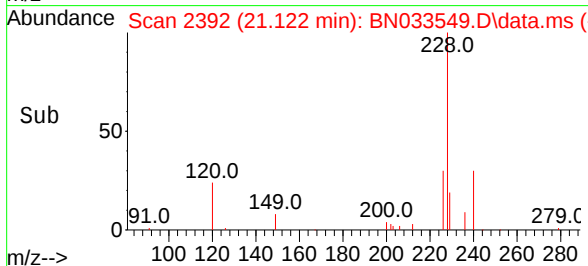
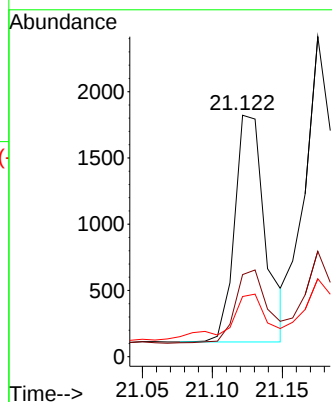
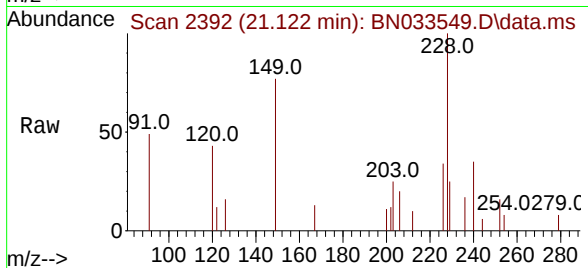
Tgt Ion:228 Resp: 2607

Ion Ratio Lower Upper

228 100

226 34.0 21.8 32.6#

229 24.9 15.8 23.6#



#33

Chrysene

Concen: 0.054 ng

RT: 21.175 min Scan# 2398

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

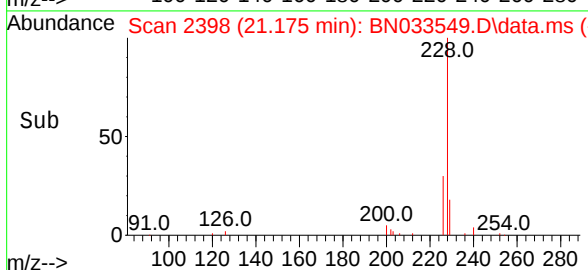
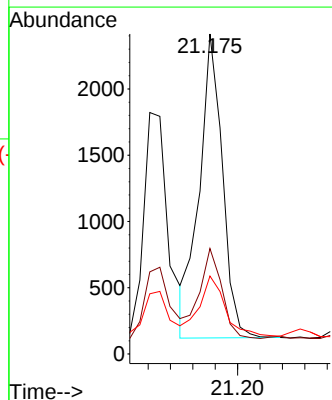
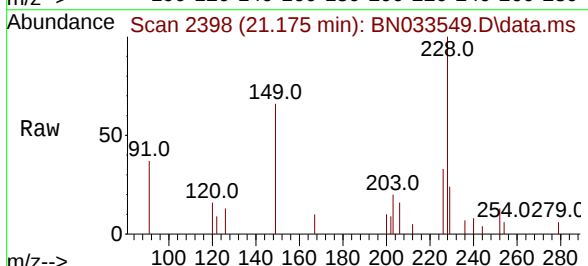
Tgt Ion:228 Resp: 3291

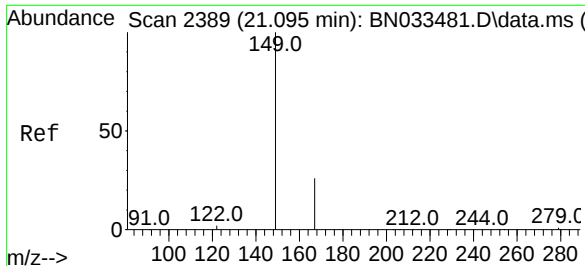
Ion Ratio Lower Upper

228 100

226 33.0 23.8 35.8

229 24.4 15.6 23.4#

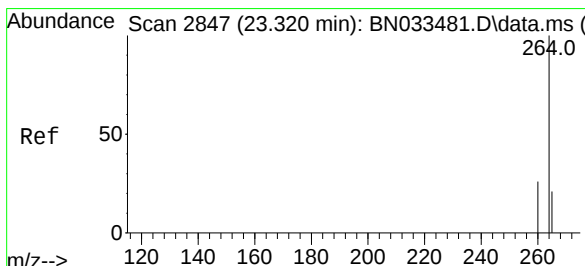
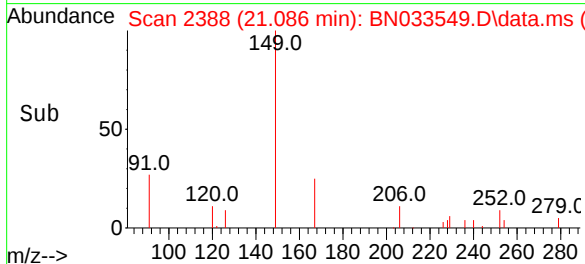
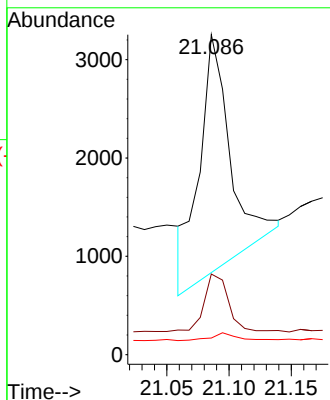
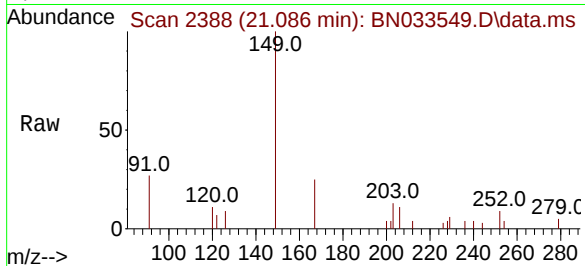




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.086 min Scan# 2413
 Delta R.T. -0.009 min
 Lab File: BN033549.D
 Acq: 22 Aug 2024 12:53

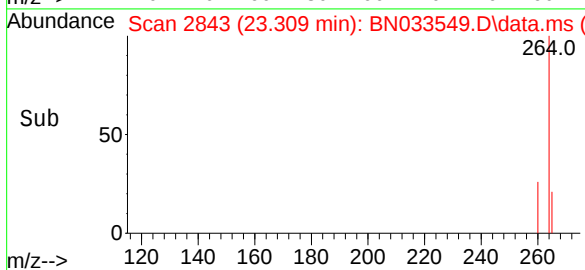
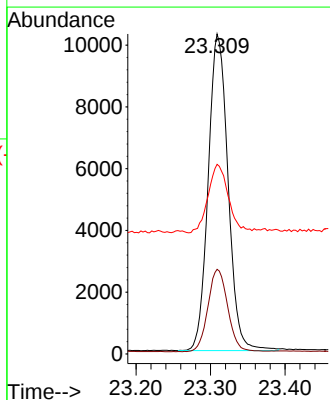
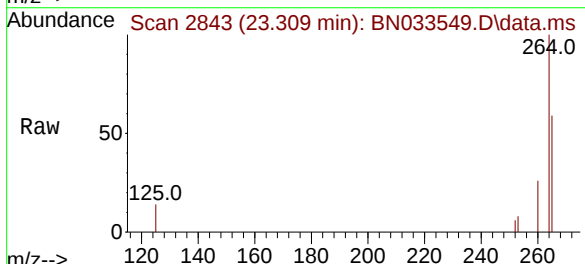
Instrument :
 BNA_N
 ClientSampleId :
 914-J-SD-0.5-1-081624

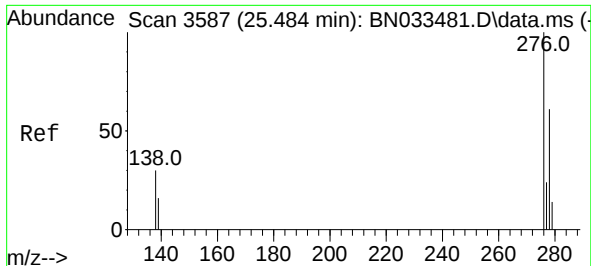
Tgt Ion:149 Resp: 4213
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.5 32.3
 279 6.0 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.309 min Scan# 2843
 Delta R.T. -0.012 min
 Lab File: BN033549.D
 Acq: 22 Aug 2024 12:53

Tgt Ion:264 Resp: 18945
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.8 31.2
 265 59.2 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng

RT: 25.455 min Scan# 3577

Delta R.T. -0.029 min

Lab File: BN033549.D

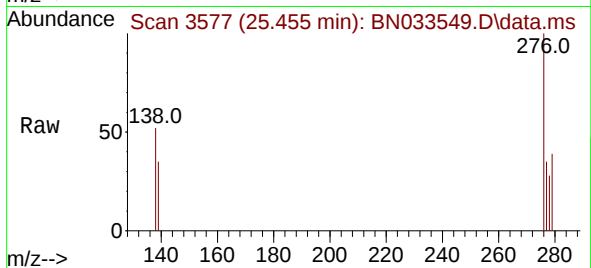
Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624



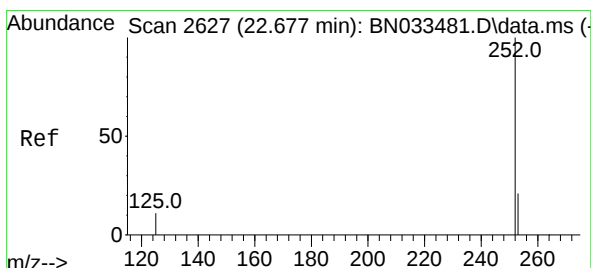
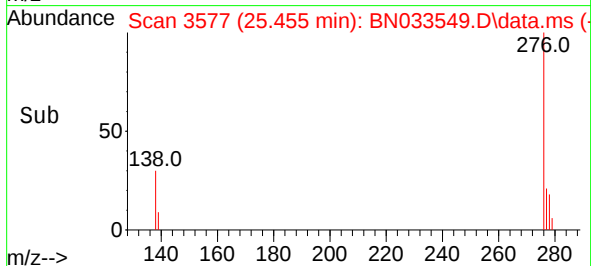
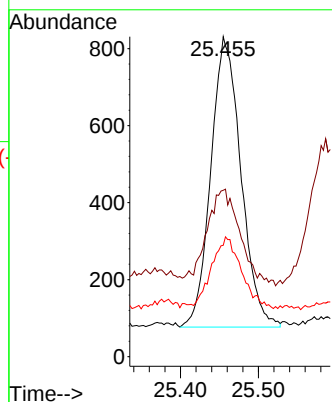
Tgt Ion:276 Resp: 2020

Ion Ratio Lower Upper

276 100

138 37.6 24.4 36.6#

277 24.4 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.055 ng

RT: 22.669 min Scan# 2624

Delta R.T. -0.009 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

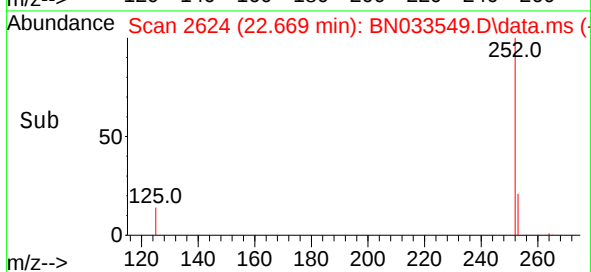
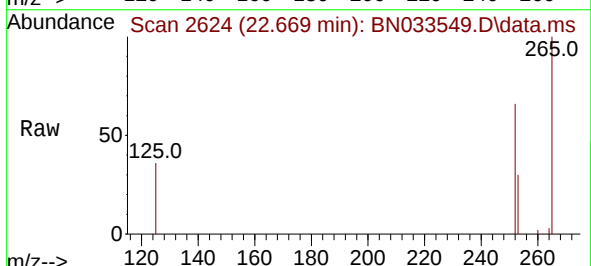
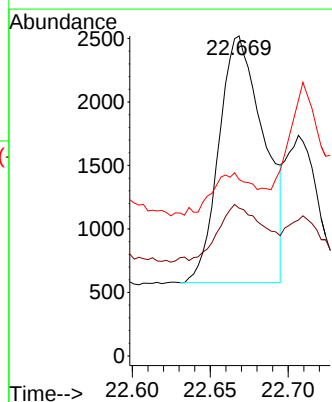
Tgt Ion:252 Resp: 3914

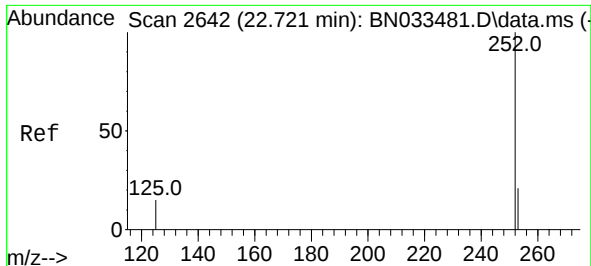
Ion Ratio Lower Upper

252 100

253 46.2 19.8 29.8#

125 55.2 13.9 20.9#





#38

Benzo(k)fluoranthene

Concen: 0.056 ng

RT: 22.669 min Scan# 2

Delta R.T. -0.053 min

Lab File: BN033549.D

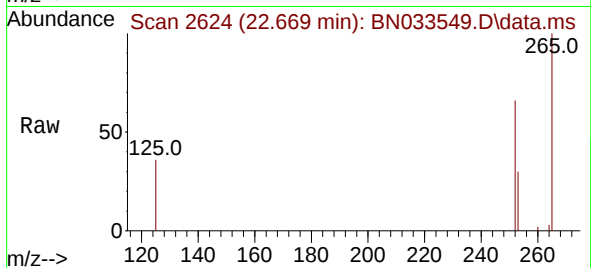
Acq: 22 Aug 2024 12:53

Instrument :

BNA_N

ClientSampleId :

914-J-SD-0.5-1-081624



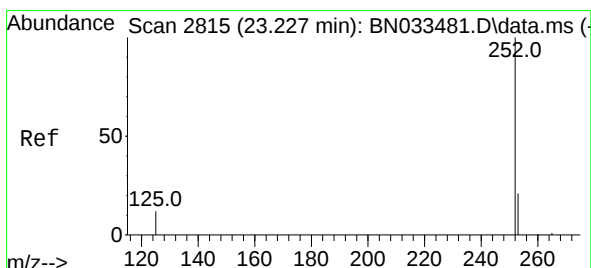
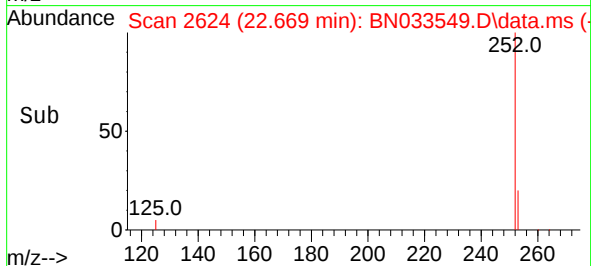
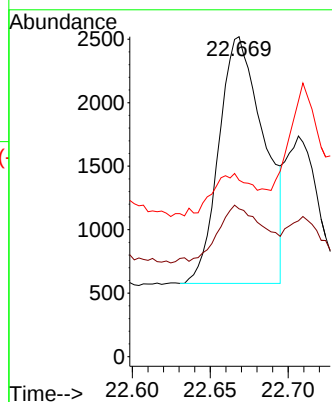
Tgt Ion:252 Resp: 3914

Ion Ratio Lower Upper

252 100

253 46.2 19.8 29.8#

125 55.2 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 0.044 ng

RT: 23.215 min Scan# 2811

Delta R.T. -0.012 min

Lab File: BN033549.D

Acq: 22 Aug 2024 12:53

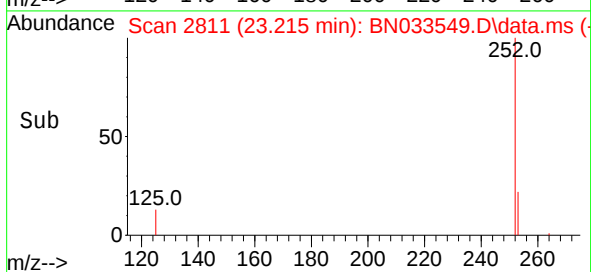
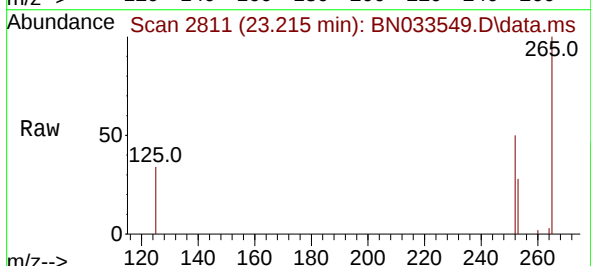
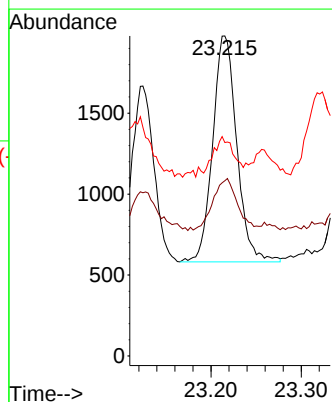
Tgt Ion:252 Resp: 2590

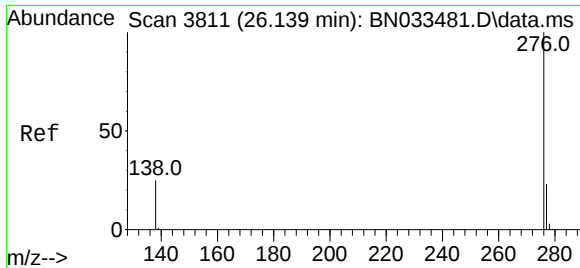
Ion Ratio Lower Upper

252 100

253 54.8 21.5 32.3#

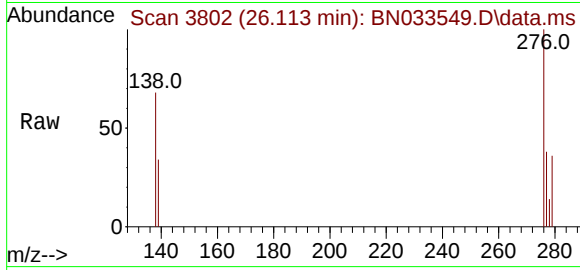
125 66.7 17.0 25.4#





#41
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 26.113 min Scan# 3811
Delta R.T. -0.026 min
Lab File: BN033549.D
Acq: 22 Aug 2024 12:53

Instrument :
BNA_N
ClientSampleId :
914-J-SD-0.5-1-081624



Tgt Ion:276 Resp: 1991
Ion Ratio Lower Upper
276 100
277 37.9 19.7 29.5#
138 68.3 21.8 32.6#

