

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033501.D
 Acq On : 20 Aug 2024 12:11
 Operator : MA/JU
 Sample : P3657-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081624

Quant Time: Aug 20 12:37:36 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)

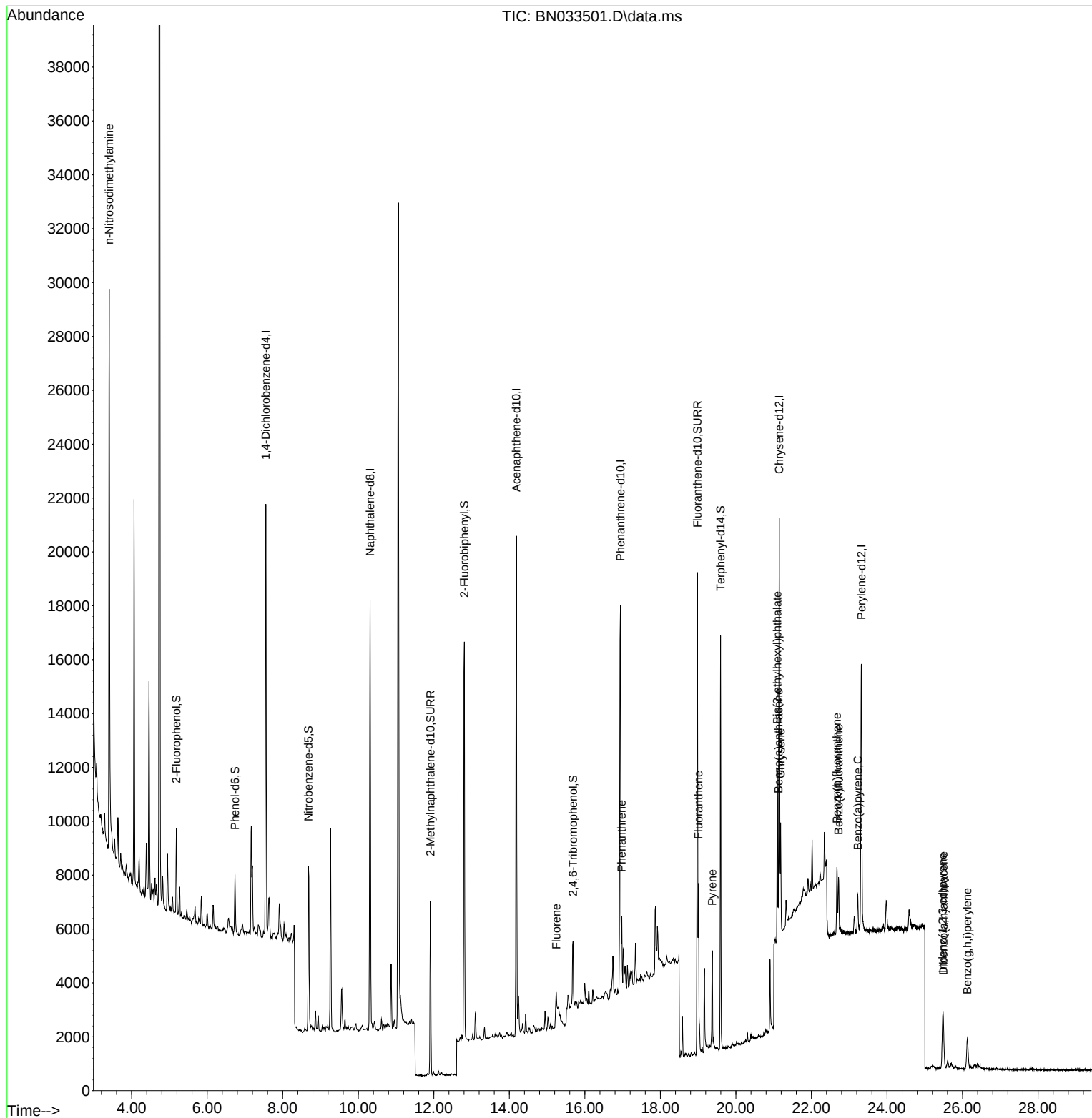
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7404	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19943	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	10386	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20955	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13076	0.400	ng	0.00
35) Perylene-d12	23.323	264	12675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2310	0.098	ng	0.00
5) Phenol-d6	6.736	99	1687	0.060	ng	0.00
8) Nitrobenzene-d5	8.681	82	4847	0.293	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8808	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1526	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13260	0.313	ng	0.00
27) Fluoranthene-d10	18.979	212	18652	0.370	ng	0.00
31) Terphenyl-d14	19.593	244	13637	0.459	ng	0.00
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	3.406	42	3440	0.347	ng	# 1
18) Fluorene	15.247	166	3251	0.081	ng	# 23
25) Phenanthrene	16.979	178	2812	0.048	ng	98
28) Fluoranthene	19.007	202	5344	0.083	ng	99
30) Pyrene	19.374	202	3196	0.055	ng	# 94
32) Benzo(a)anthracene	21.130	228	2216	0.047	ng	# 86
33) Chrysene	21.184	228	3366	0.072	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.094	149	6278	0.210	ng	95
36) Indeno(1,2,3-cd)pyrene	25.475	276	2532	0.048	ng	99
37) Benzo(b)fluoranthene	22.677	252	3187	0.067	ng	# 49
38) Benzo(k)fluoranthene	22.721	252	2293	0.049	ng	# 27
39) Benzo(a)pyrene	23.227	252	1783	0.046	ng	# 24
40) Dibenzo(a,h)anthracene	25.495	278	1695	0.040	ng	# 53
41) Benzo(g,h,i)perylene	26.130	276	2244	0.050	ng	# 74

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

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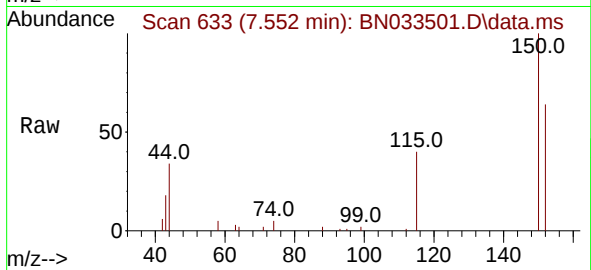
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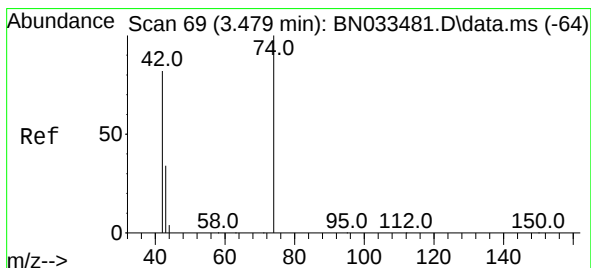
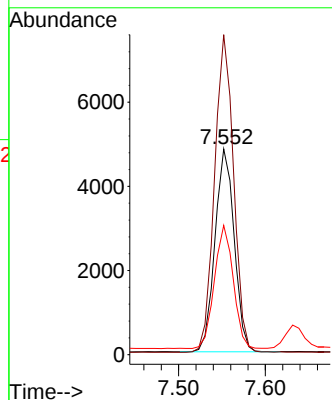
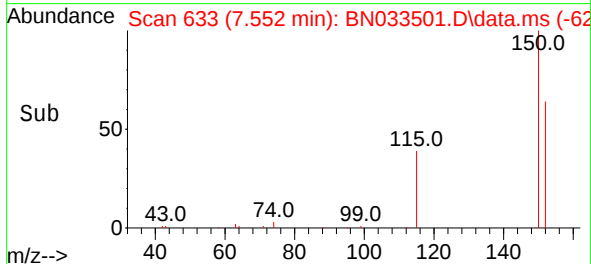


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

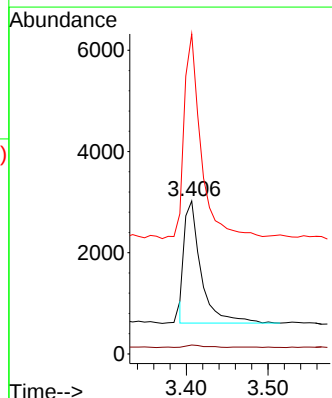
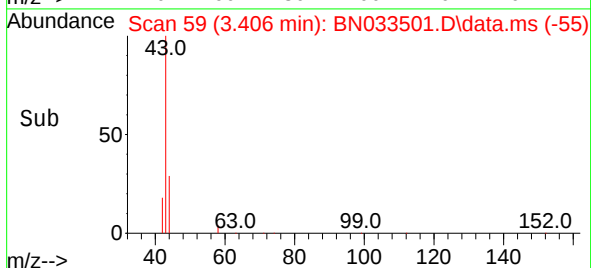
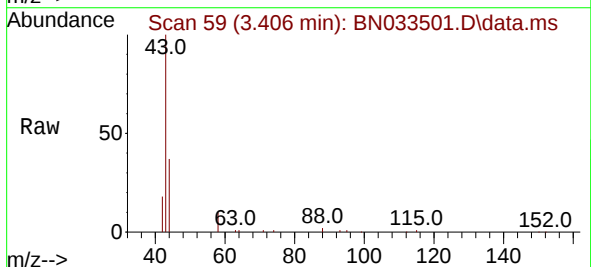


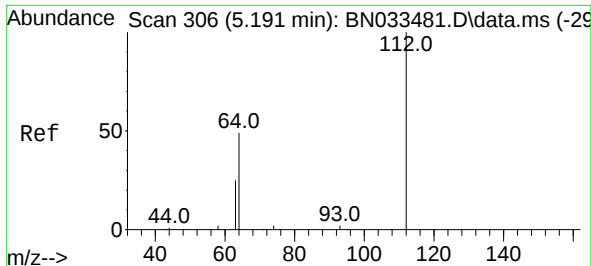
Tgt Ion:152 Resp: 7404
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.2
115 62.8 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.406 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion: 42 Resp: 3440
Ion Ratio Lower Upper
42 100
74 1.9 100.2 150.2#
44 156.2 5.3 7.9#

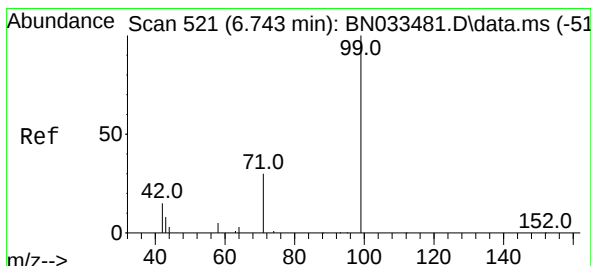
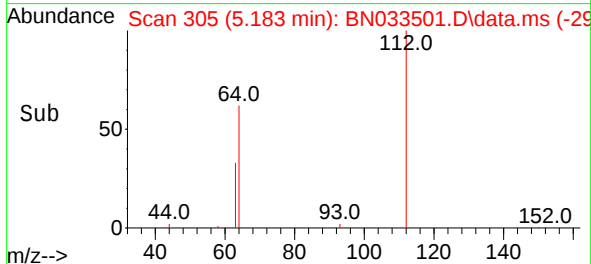
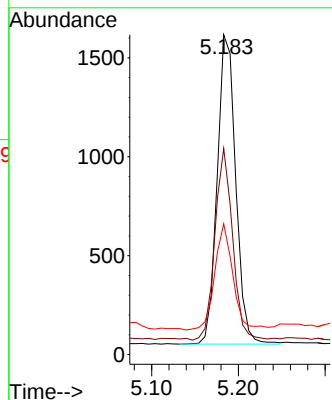
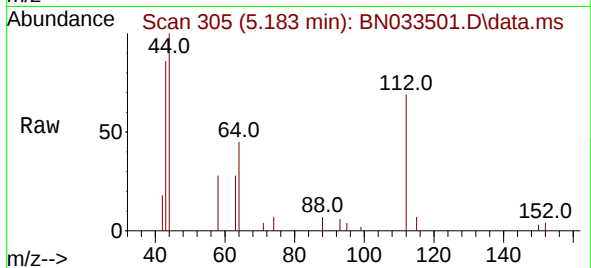




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

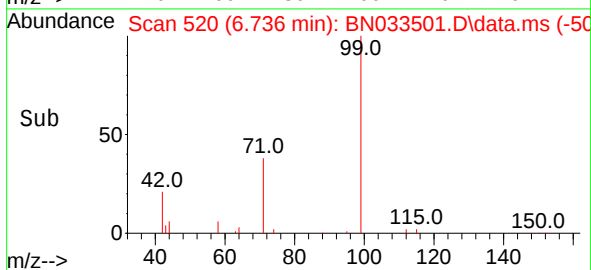
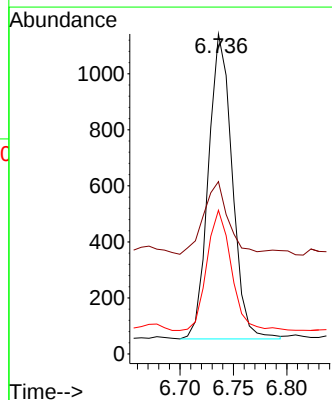
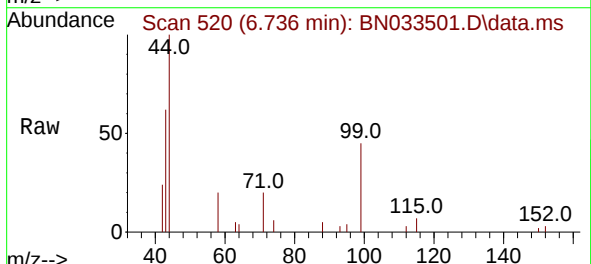
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

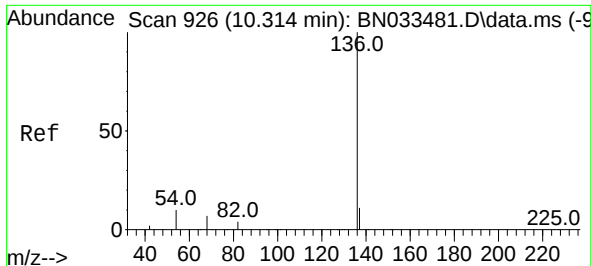
Tgt Ion:	112	Resp:	2310
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.1	70.7
63	33.9	24.9	37.3



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:	99	Resp:	1687
Ion Ratio	Lower	Upper	
99	100		
42	24.4	16.6	24.8
71	40.7	26.2	39.4

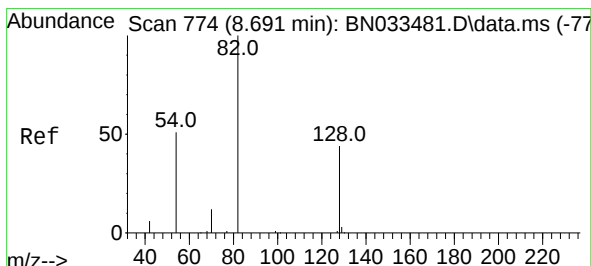
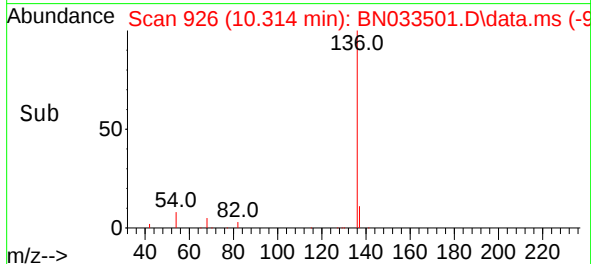
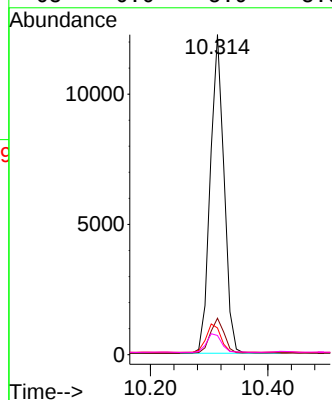
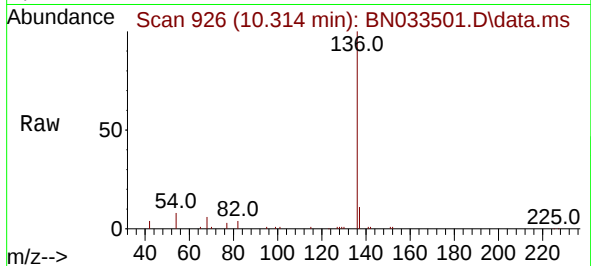




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

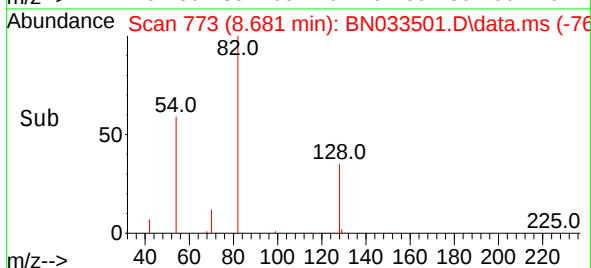
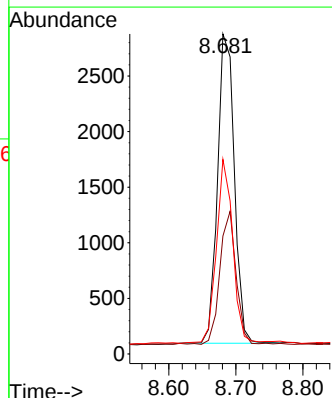
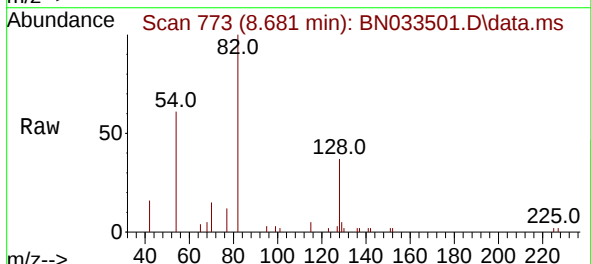
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

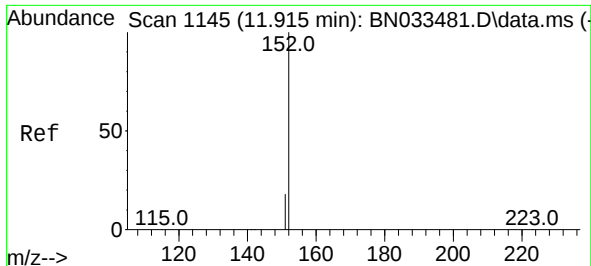
Tgt Ion:	136	Resp:	19943
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	8.4	8.3	12.5
68	6.0	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:	82	Resp:	4847
Ion Ratio	Lower	Upper	
82	100		
128	36.9	36.0	54.0
54	60.8	42.0	63.0





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :

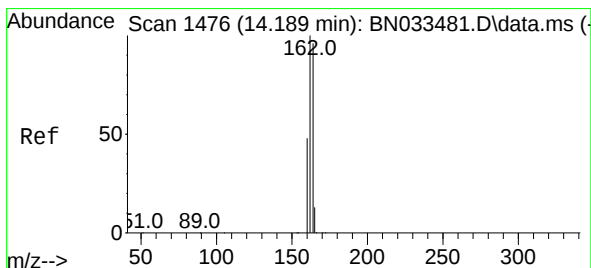
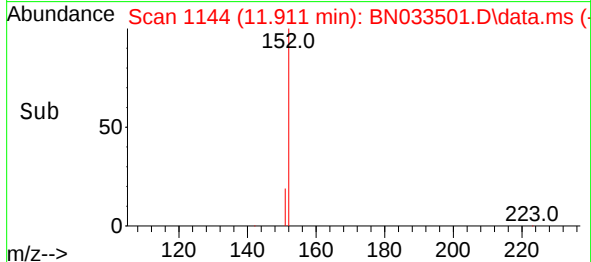
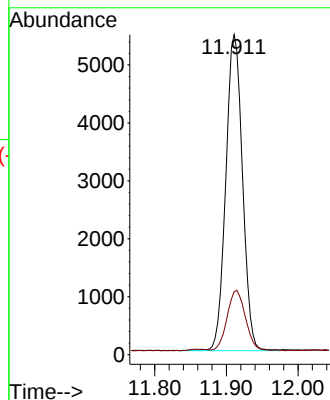
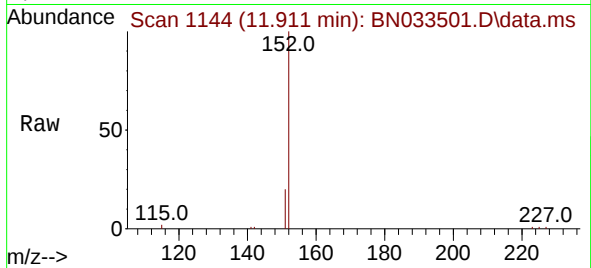
917-J-WS-081624

Tgt Ion:152 Resp: 8808

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

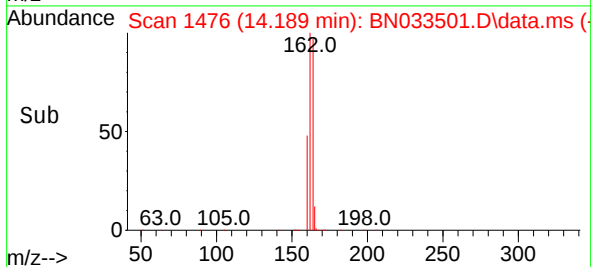
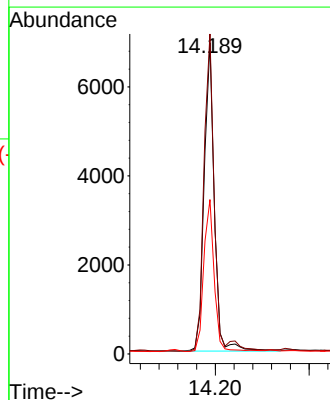
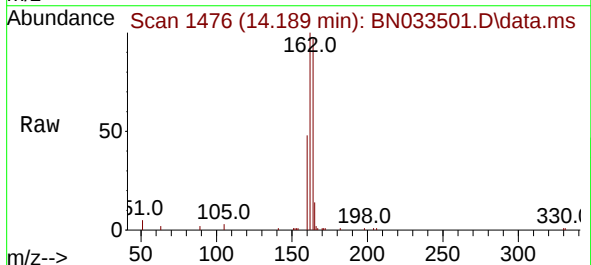
Tgt Ion:164 Resp: 10386

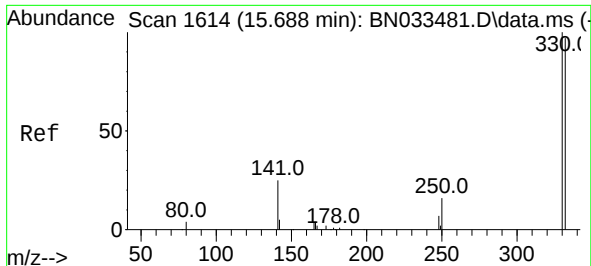
Ion Ratio Lower Upper

164 100

162 102.8 83.5 125.3

160 49.6 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 15.688 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033501.D

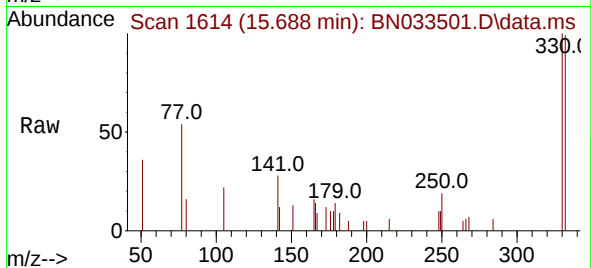
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Instrument :

BNA_N

ClientSampleId :

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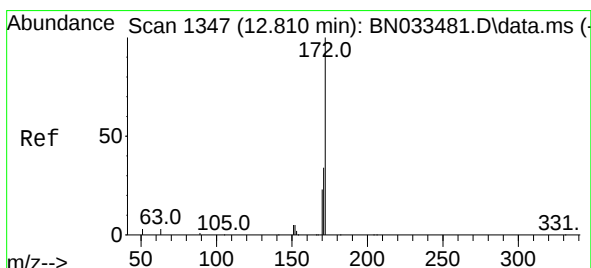
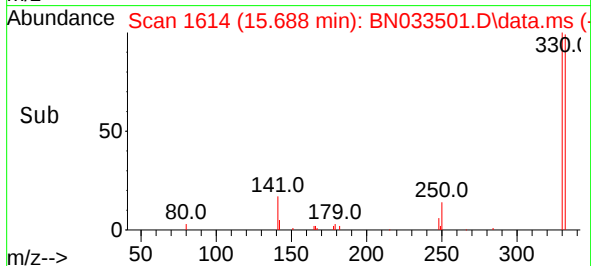
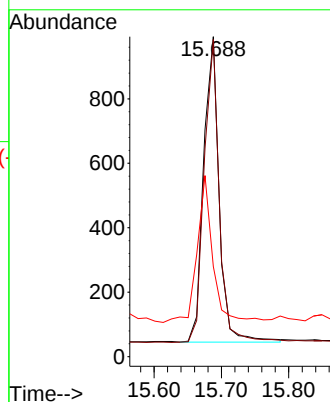
Tgt Ion:330 Resp: 1526

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 48.2 33.9 50.9



#15

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 12.809 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

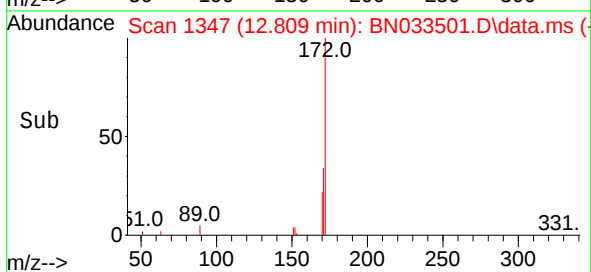
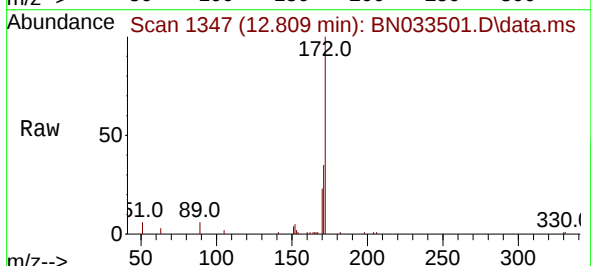
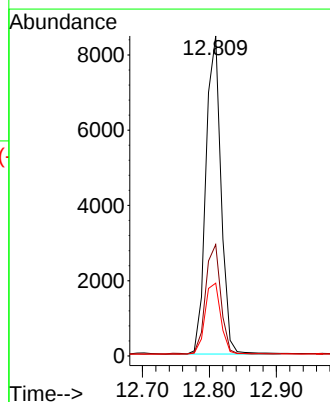
Tgt Ion:172 Resp: 13260

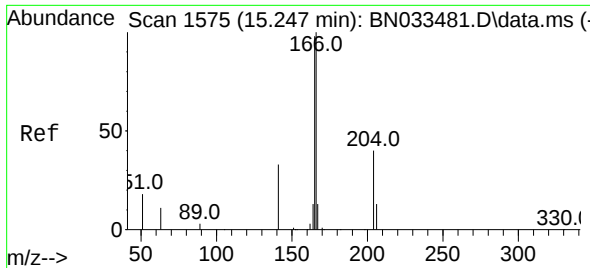
Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 22.7 18.3 27.5

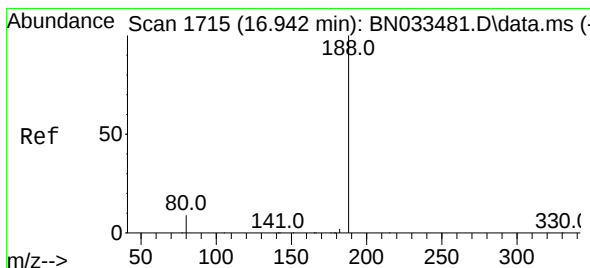
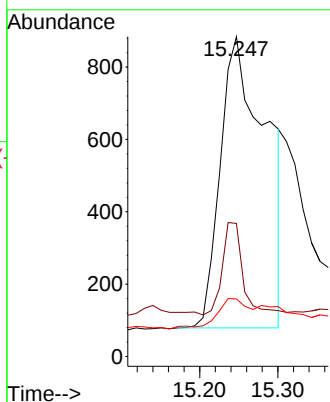
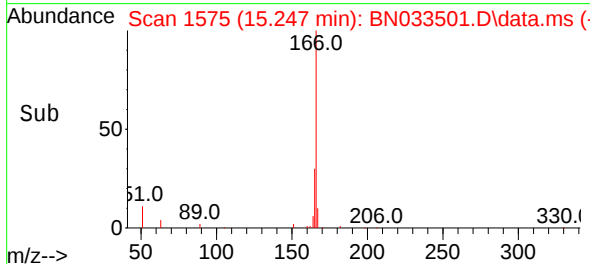
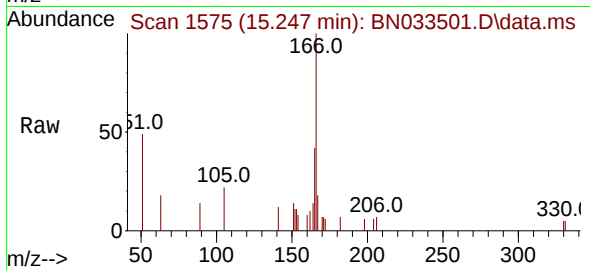




#18
Fluorene
Concen: 0.081 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

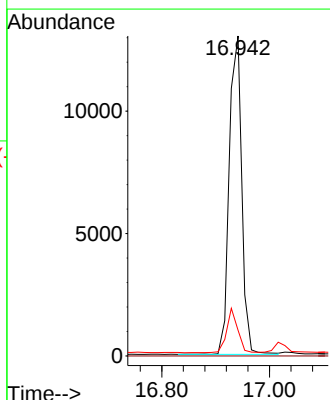
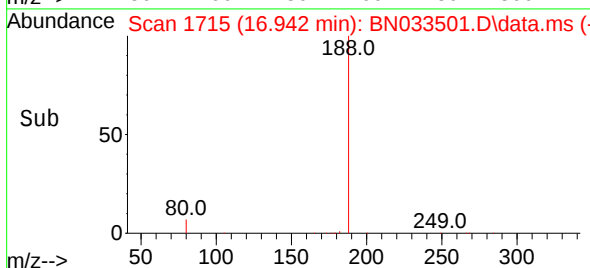
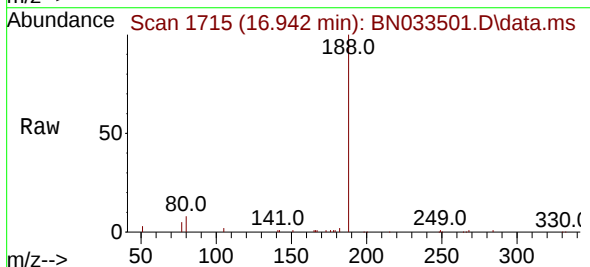
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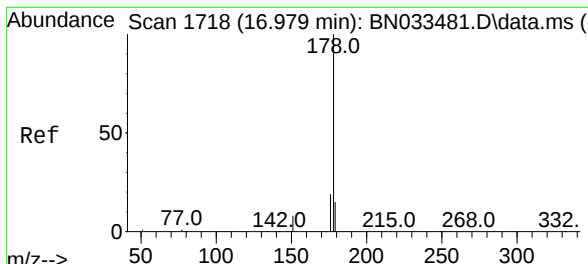
Tgt Ion:166 Resp: 3251
Ion Ratio Lower Upper
166 100
165 14.3 78.2 117.4#
167 6.2 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:188 Resp: 20955
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 7.8 11.8

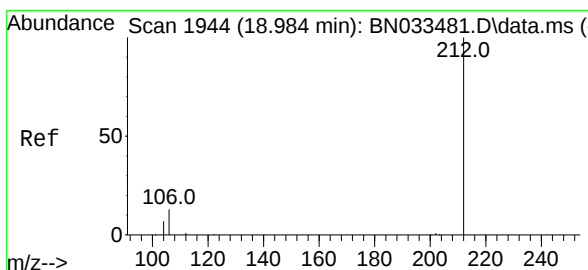
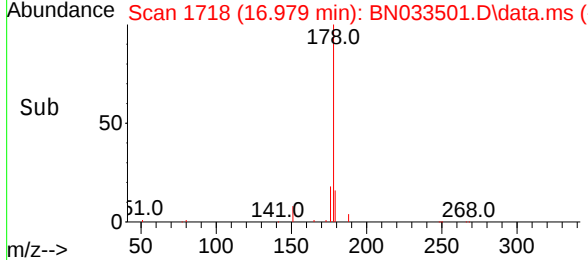
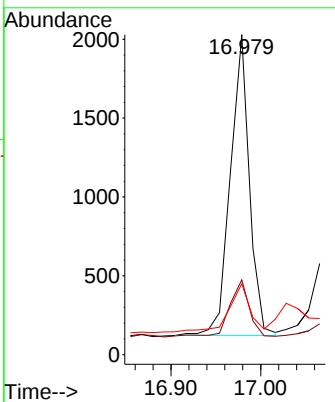
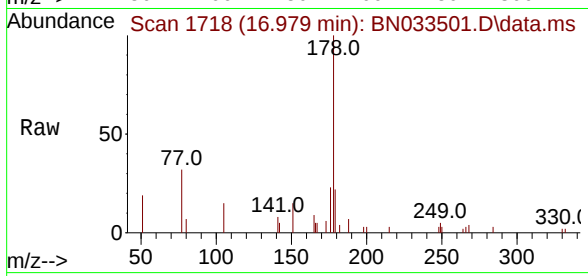




#25
 Phenanthrene
 Concen: 0.048 ng
 RT: 16.979 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

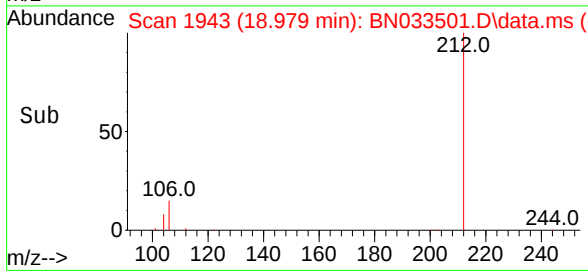
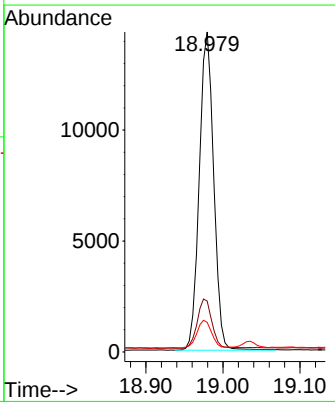
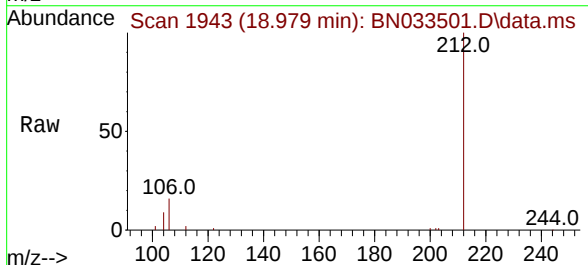
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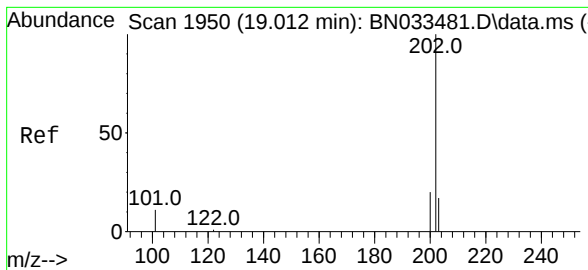
Tgt Ion:	178	Resp:	2812
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.3	22.9
179	17.0	12.3	18.5



#27
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 18.979 min Scan# 1943
 Delta R.T. -0.005 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

Tgt Ion:	212	Resp:	18652
Ion Ratio	Lower	Upper	
212	100		
106	15.8	12.3	18.5
104	8.9	7.0	10.4





#28

Fluoranthene

Concen: 0.083 ng

RT: 19.007 min Scan# 1949

Delta R.T. -0.005 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081624

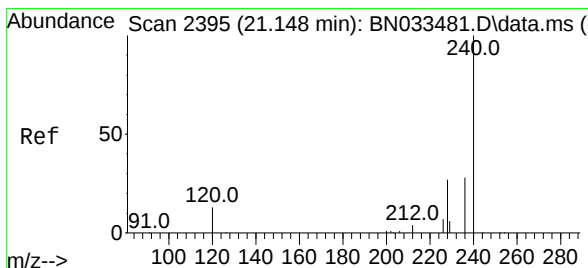
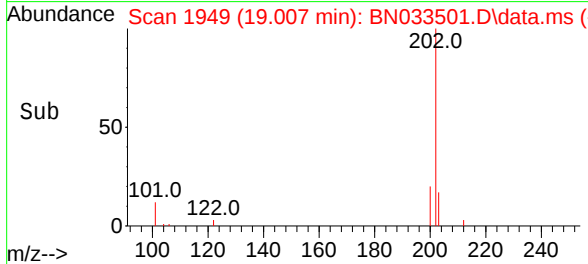
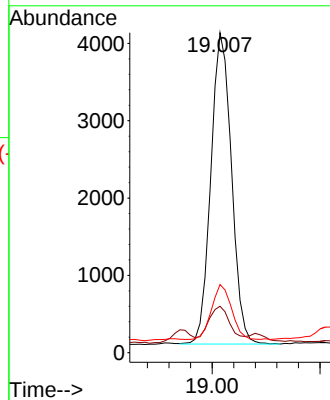
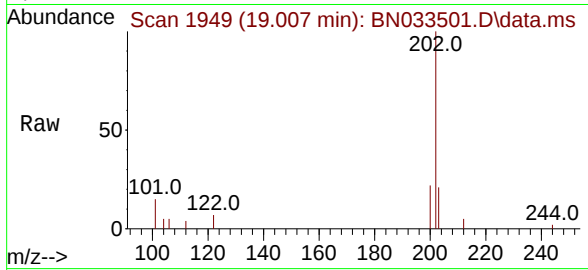
Tgt Ion:202 Resp: 5344

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

203 17.4 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

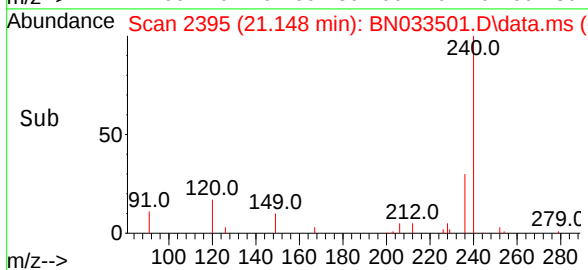
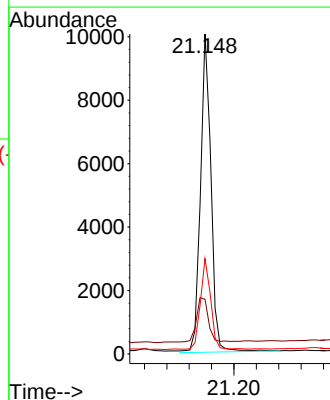
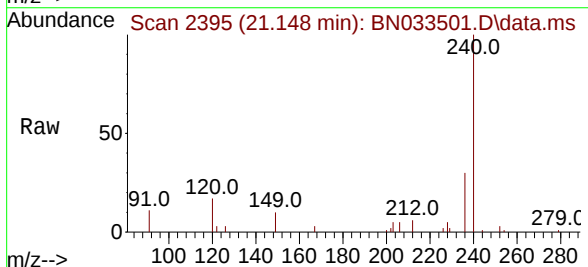
Tgt Ion:240 Resp: 13076

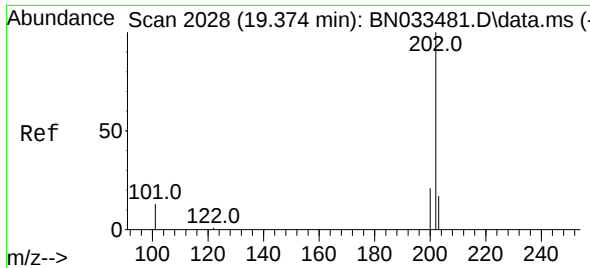
Ion Ratio Lower Upper

240 100

120 17.1 12.4 18.6

236 29.8 23.0 34.6

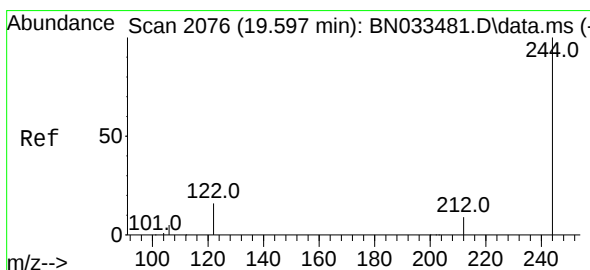
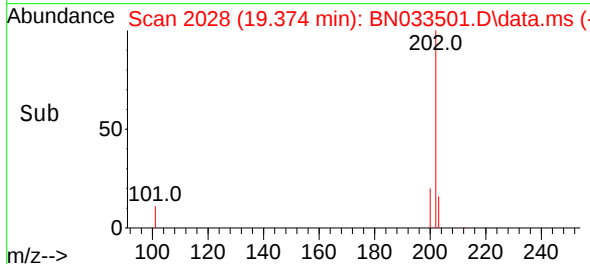
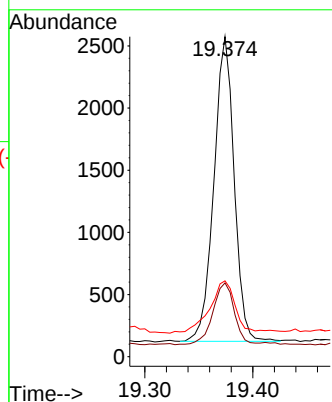
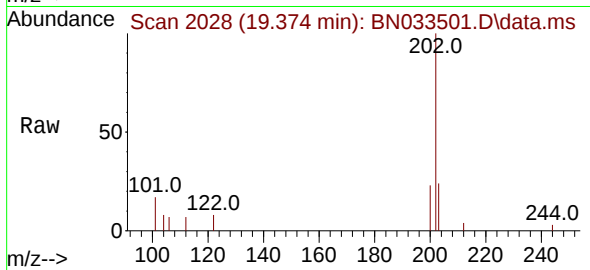




#30
Pyrene
Concen: 0.055 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

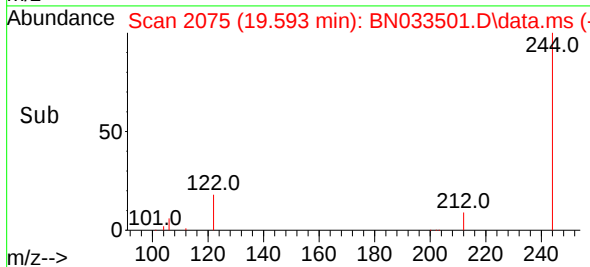
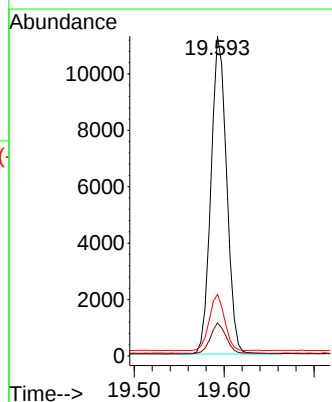
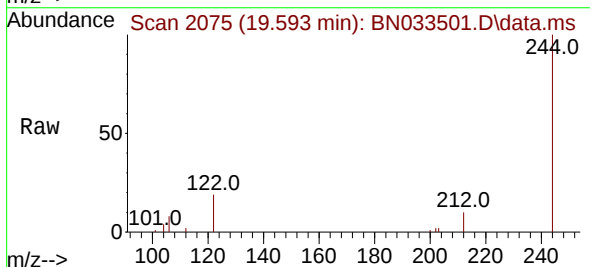
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

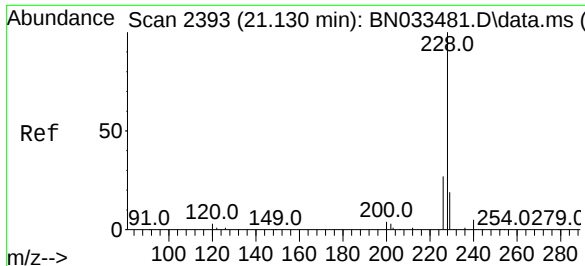
Tgt Ion:202 Resp: 3196
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 22.3 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:244 Resp: 13637
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 19.3 13.3 19.9

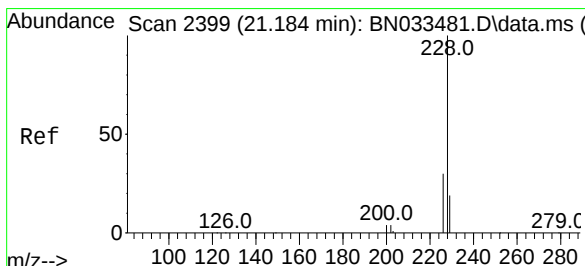
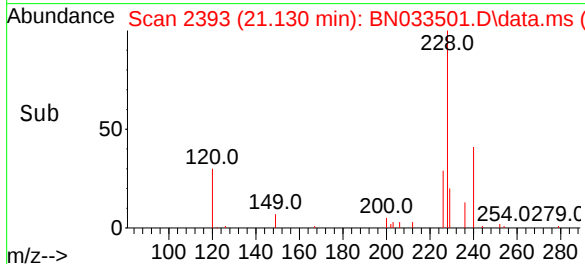
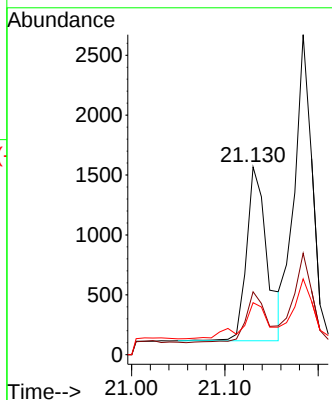
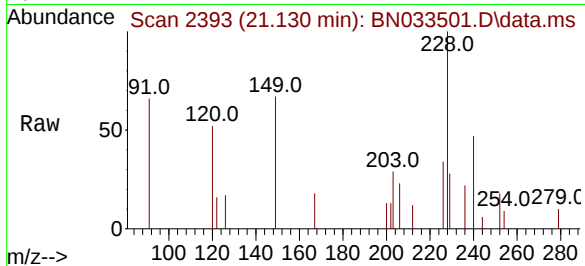




#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

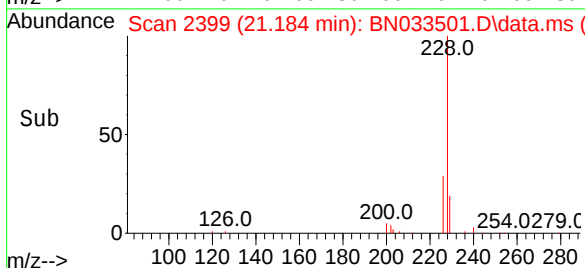
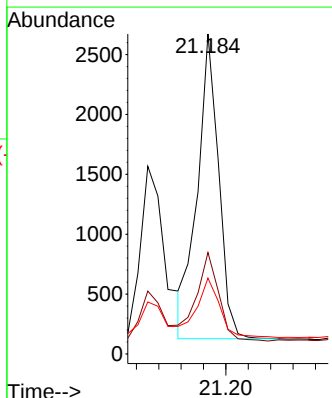
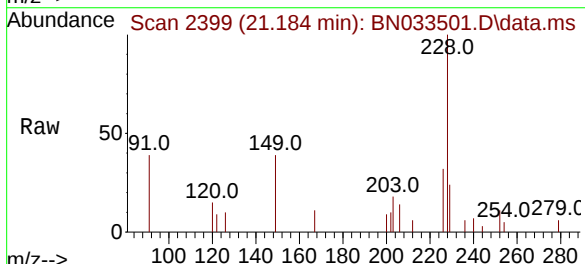
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

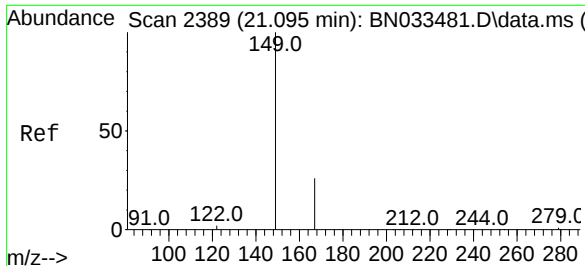
Tgt Ion:228 Resp: 2216
Ion Ratio Lower Upper
228 100
226 33.5 21.8 32.6#
229 27.7 15.8 23.6#



#33
Chrysene
Concen: 0.072 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:228 Resp: 3366
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.8
229 23.7 15.6 23.4#

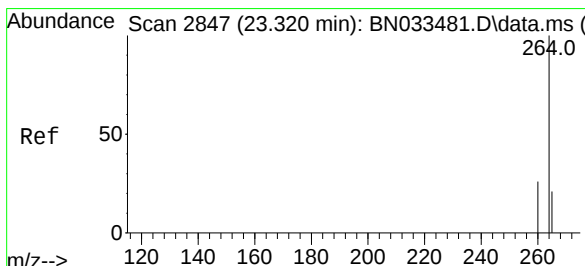
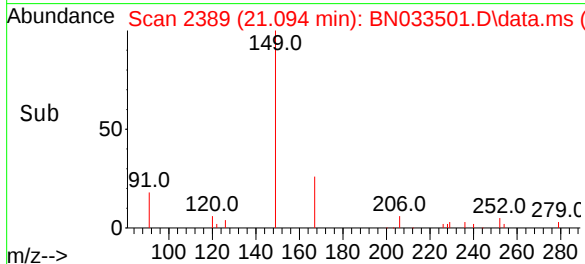
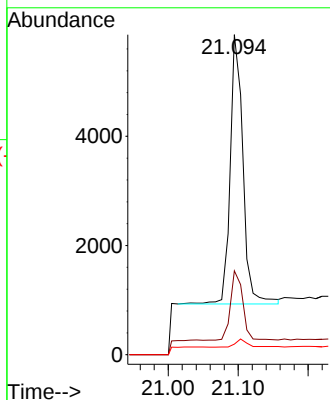
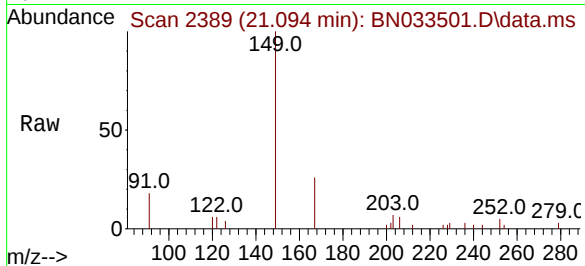




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.210 ng
 RT: 21.094 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

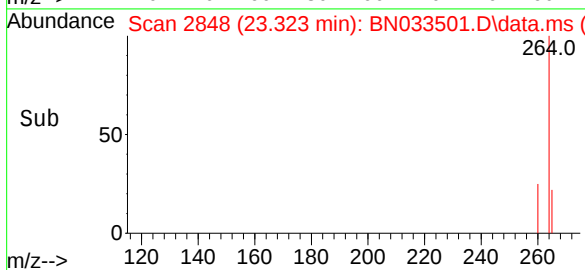
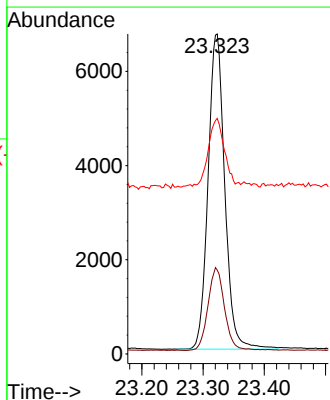
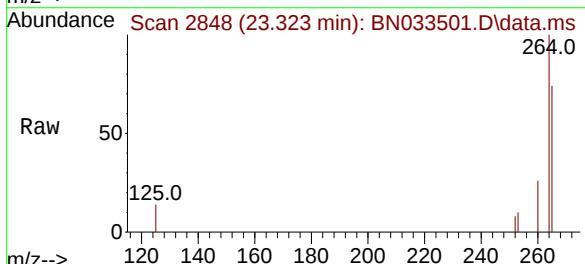
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081624

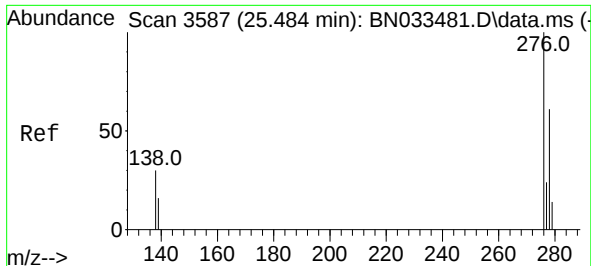
Tgt Ion:149 Resp: 6278
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.5 32.3
 279 2.4 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.323 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

Tgt Ion:264 Resp: 12675
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 73.6 52.2 78.2

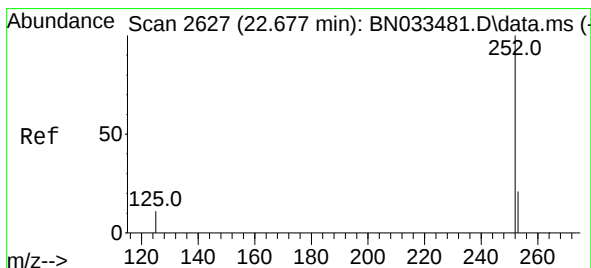
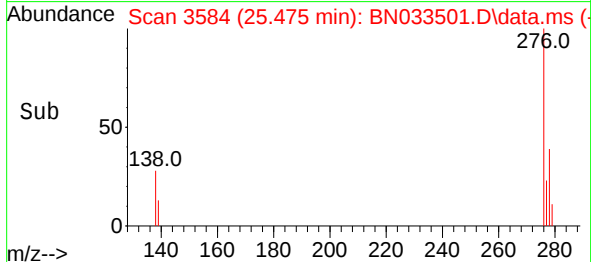
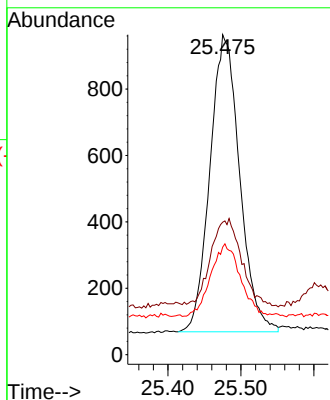
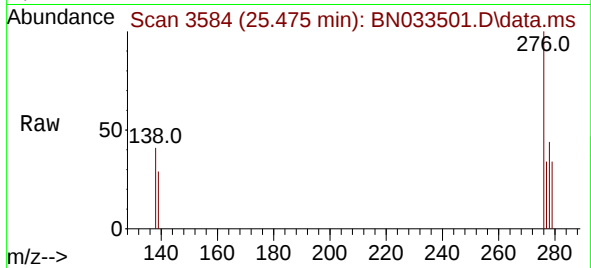




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.048 ng
 RT: 25.475 min Scan# 3584
 Delta R.T. -0.009 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

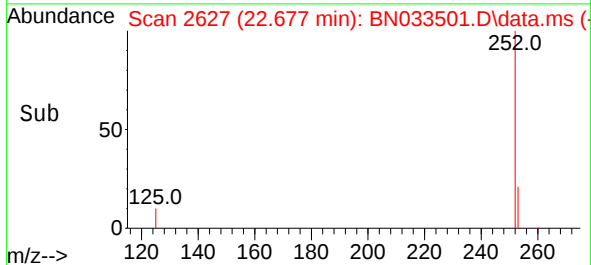
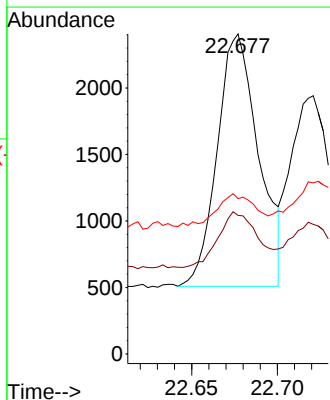
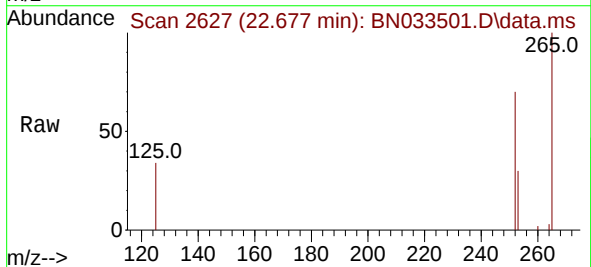
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081624

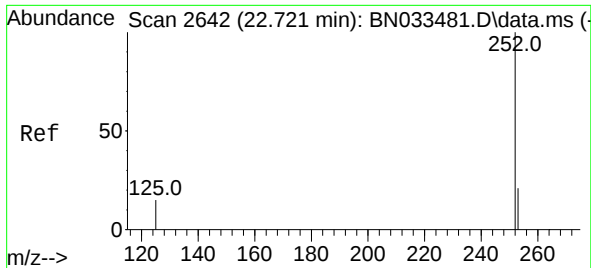
Tgt Ion:	276	Resp:	2532
Ion Ratio	Lower	Upper	
276	100		
138	31.0	24.4	36.6
277	24.1	19.8	29.6



#37
 Benzo(b)fluoranthene
 Concen: 0.067 ng
 RT: 22.677 min Scan# 2627
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

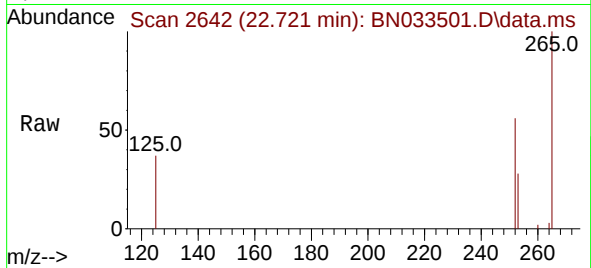
Tgt Ion:	252	Resp:	3187
Ion Ratio	Lower	Upper	
252	100		
253	43.3	19.8	29.8#
125	48.5	13.9	20.9#



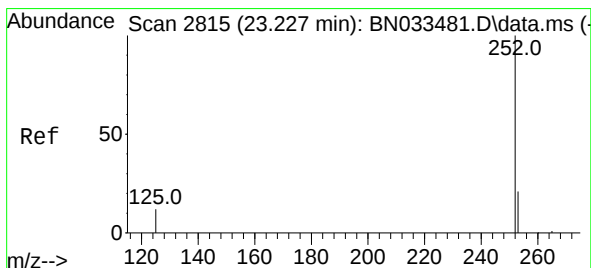
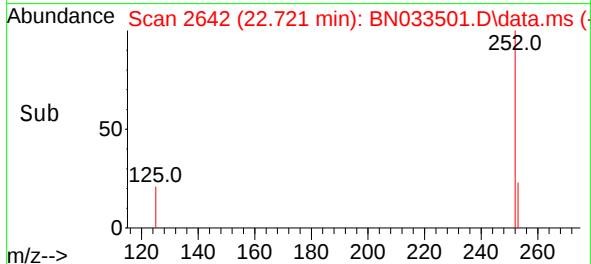
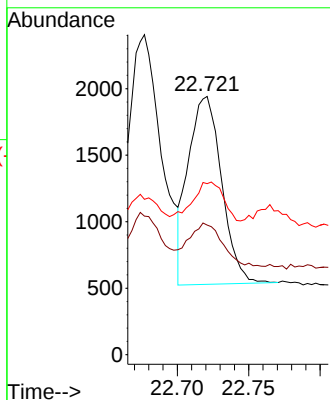


#38
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 22.721 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Instrument :
BNA_N
ClientSampleId :
917-J-WS-081624

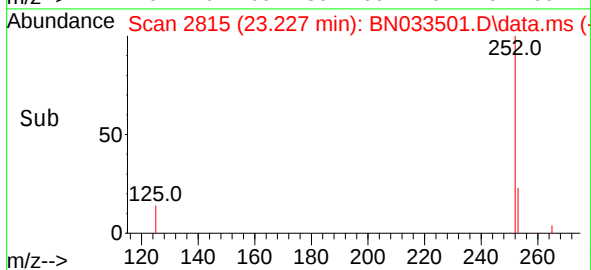
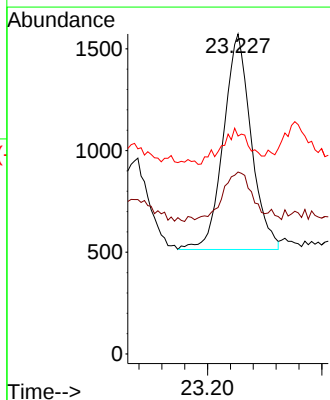
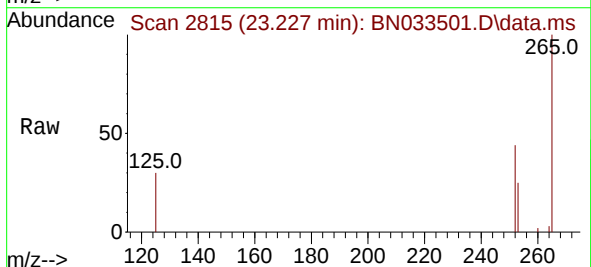


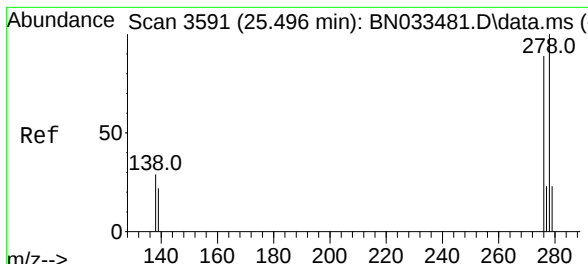
Tgt Ion:252 Resp: 2293
Ion Ratio Lower Upper
252 100
253 50.2 19.8 29.8#
125 66.2 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.046 ng
RT: 23.227 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:252 Resp: 1783
Ion Ratio Lower Upper
252 100
253 56.8 21.5 32.3#
125 68.1 17.0 25.4#





#40

Dibenzo(a,h)anthracene

Concen: 0.040 ng

RT: 25.495 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN033501.D

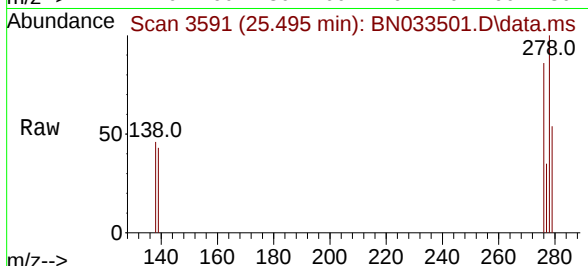
Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081624



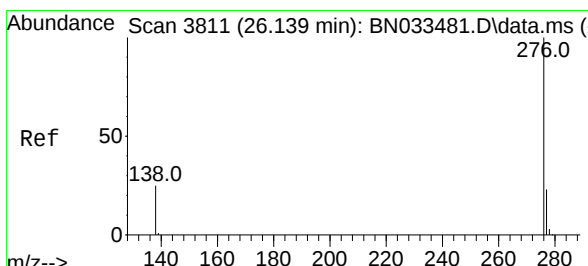
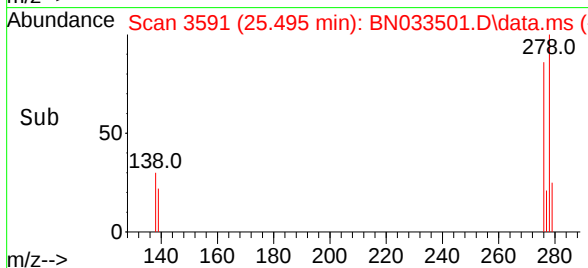
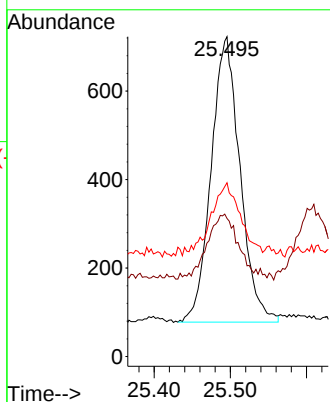
Tgt Ion:278 Resp: 1695

Ion Ratio Lower Upper

278 100

139 43.2 19.1 28.7#

279 54.4 21.0 31.4#



#41

Benzo(g,h,i)perylene

Concen: 0.050 ng

RT: 26.130 min Scan# 3808

Delta R.T. -0.009 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Tgt Ion:276 Resp: 2244

Ion Ratio Lower Upper

276 100

277 36.5 19.7 29.5#

138 41.6 21.8 32.6#

