

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
 Data File : BN033470.D
 Acq On : 17 Aug 2024 16:21
 Operator : MA/JU
 Sample : P3619-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081424

Quant Time: Aug 17 23:31:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

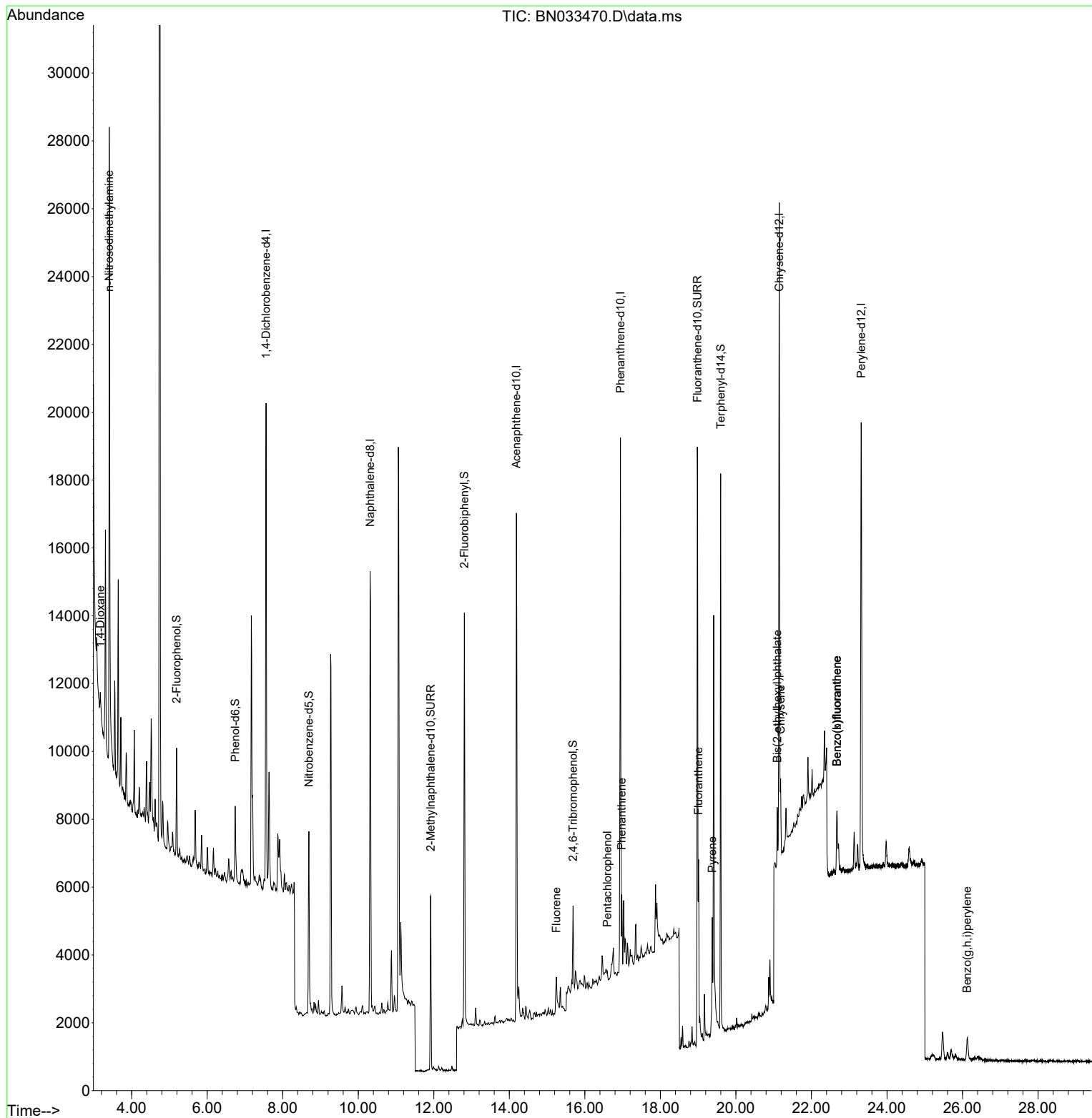
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6445	0.400	ng	-0.01
7) Naphthalene-d8	10.314	136	17618	0.400	ng	-0.02
13) Acenaphthene-d10	14.189	164	9178	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	19111	0.400	ng	#-0.01
29) Chrysene-d12	21.148	240	16396	0.400	ng	0.00
35) Perylene-d12	23.317	264	16749	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2250	0.126	ng	0.00
5) Phenol-d6	6.743	99	1721	0.072	ng	0.00
8) Nitrobenzene-d5	8.691	82	4082	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	6865	0.253	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1444	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	10697	0.284	ng	-0.01
27) Fluoranthene-d10	18.980	212	18376	0.360	ng	-0.01
31) Terphenyl-d14	19.597	244	14413	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	275	0.038	ng	# 1
3) n-Nitrosodimethylamine	3.407	42	3128	0.339	ng	# 1
18) Fluorene	15.247	166	1916	0.049	ng	# 30
24) Pentachlorophenol	16.594	266	118	0.023	ng	94
25) Phenanthrene	16.979	178	2190	0.040	ng	96
28) Fluoranthene	19.012	202	4629	0.068	ng	97
30) Pyrene	19.374	202	3071	0.047	ng	# 95
33) Chrysene	21.184	228	2419	0.039	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.095	149	1648	0.059	ng	99
37) Benzo(b)fluoranthene	22.674	252	2777	0.044	ng	# 16
38) Benzo(k)fluoranthene	22.674	252	2777	0.043	ng	# 16
41) Benzo(g,h,i)perylene	26.124	276	1251	0.021	ng	# 52

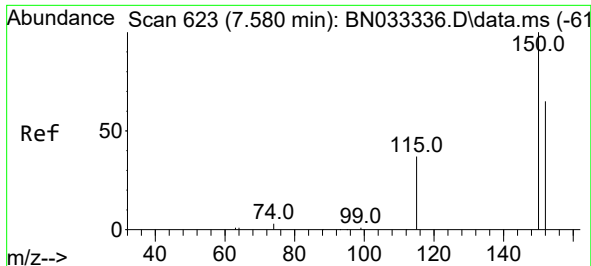
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
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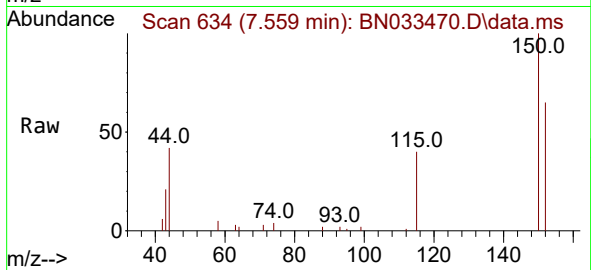
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



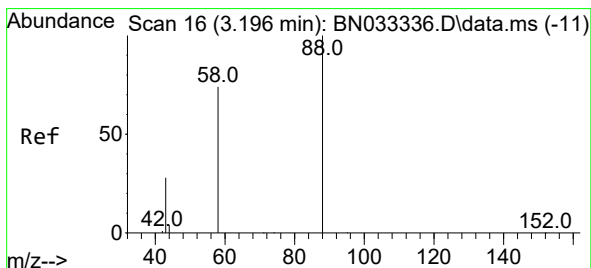
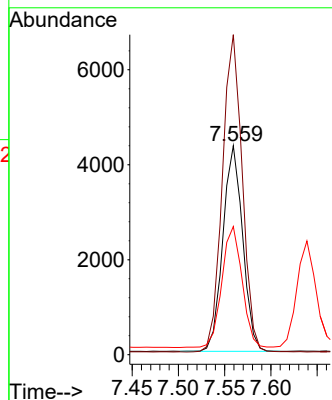
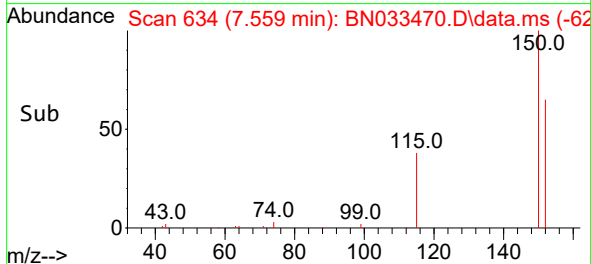


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081424

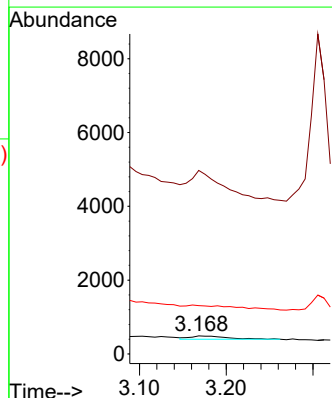
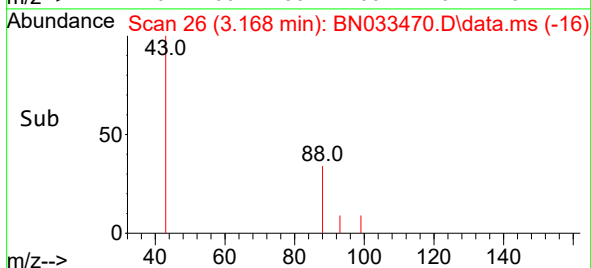
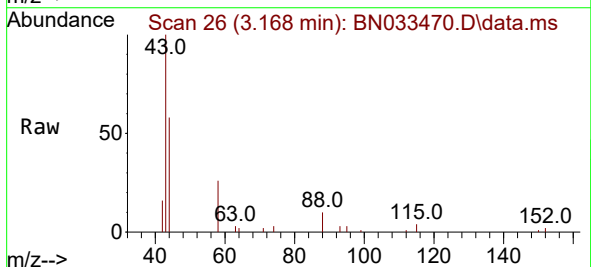


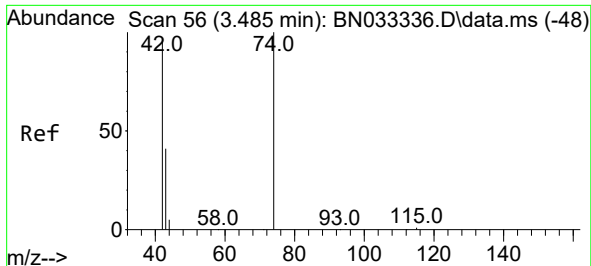
Tgt Ion:152 Resp: 6445
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.3 183.5
 115 61.3 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.168 min Scan# 26
 Delta R.T. -0.029 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

Tgt Ion: 88 Resp: 275
 Ion Ratio Lower Upper
 88 100
 43 787.6 30.6 46.0#
 58 0.0 64.5 96.7#

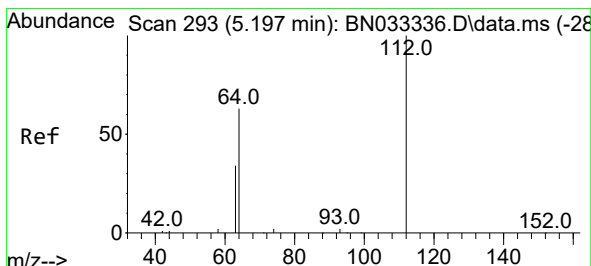
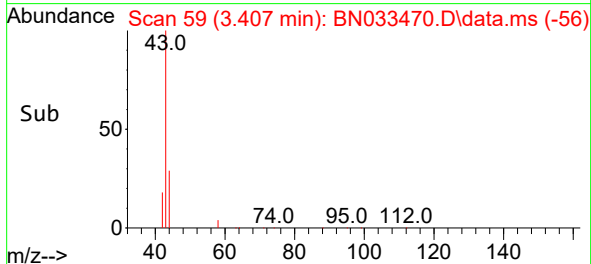
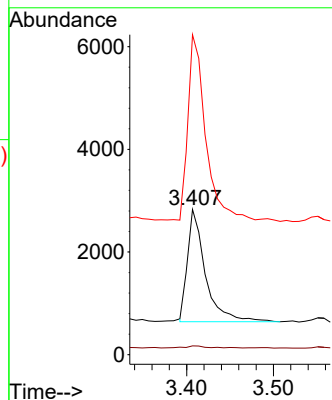
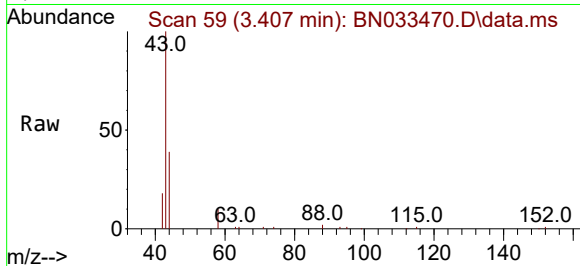




#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.407 min Scan# 51
Delta R.T. -0.079 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

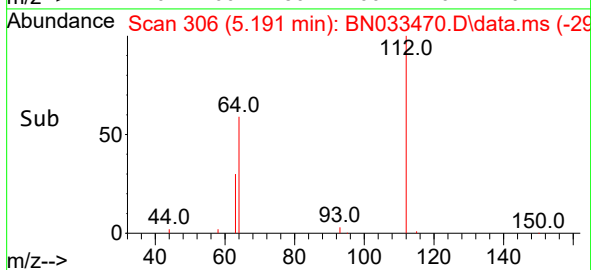
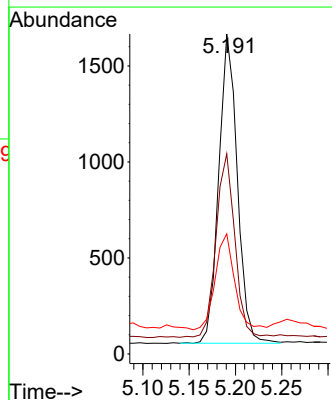
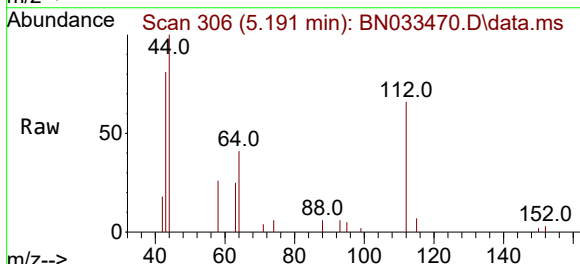
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081424

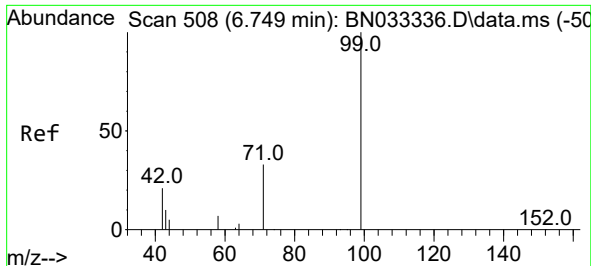
Tgt Ion: 42 Resp: 3128
Ion Ratio Lower Upper
42 100
74 1.8 89.0 133.6#
44 169.6 11.0 16.4#



#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.191 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

Tgt Ion: 112 Resp: 2250
Ion Ratio Lower Upper
112 100
64 60.0 48.1 72.1
63 32.4 25.4 38.2

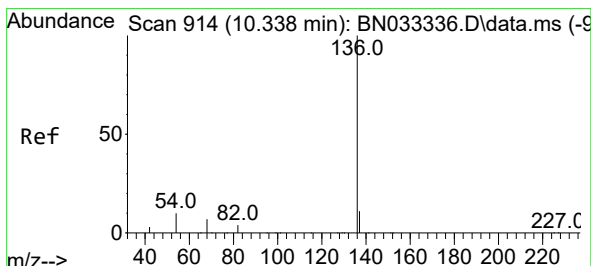
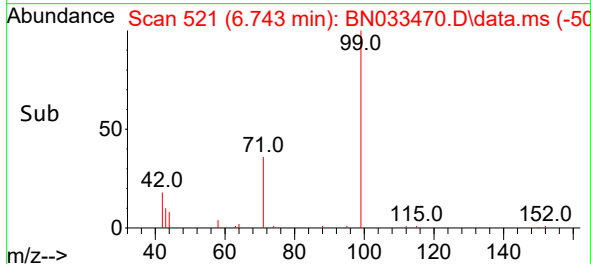
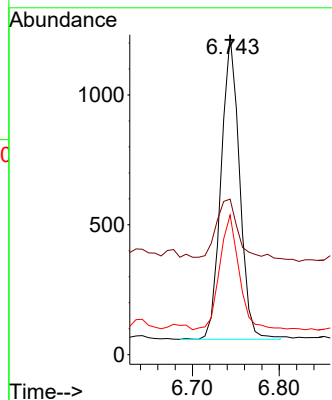
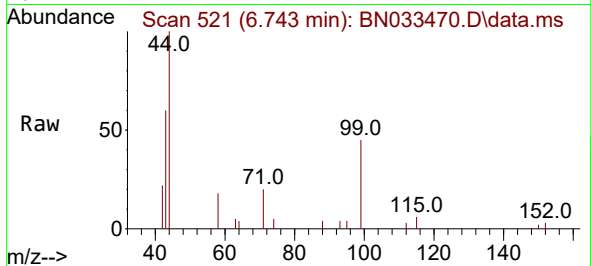




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

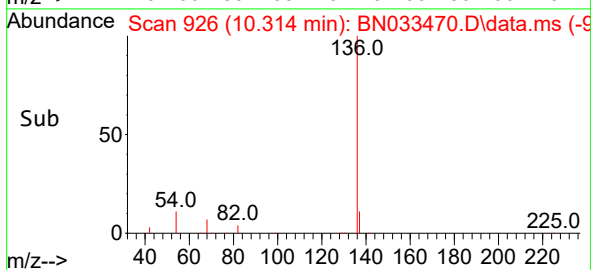
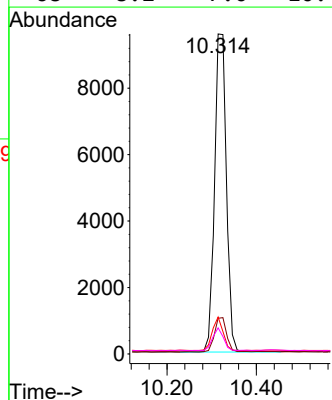
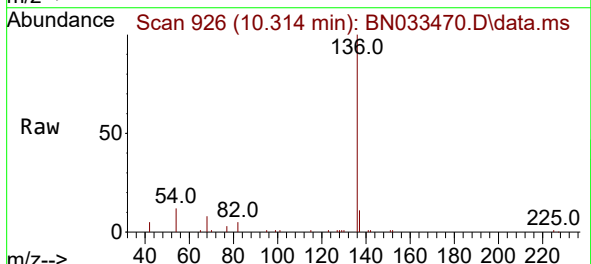
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081424

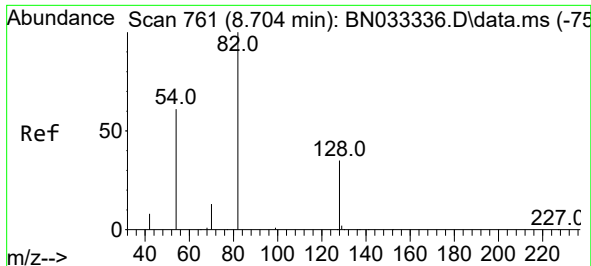
Tgt Ion: 99 Resp: 1721
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 40.1 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.021 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

Tgt Ion: 136 Resp: 17618
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.5 9.4 14.0
68 8.2 7.0 10.4

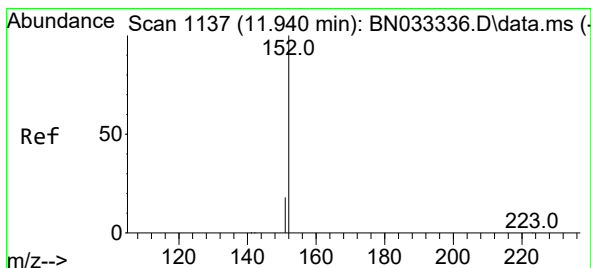
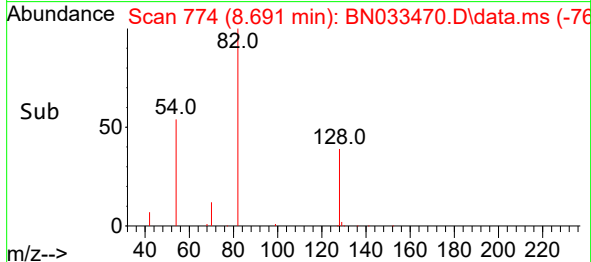
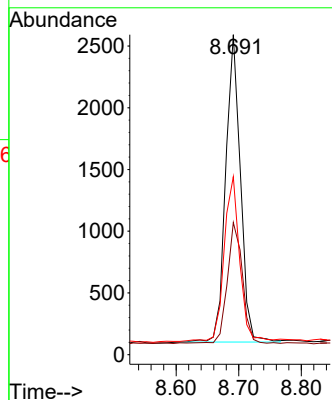
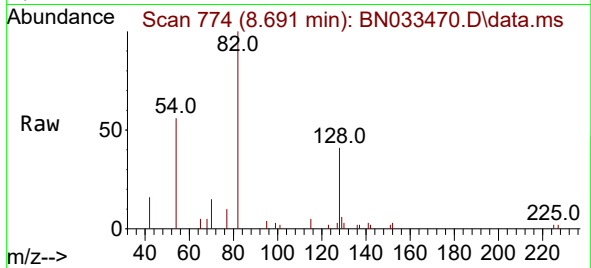




#8
 Nitrobenzene-d5
 Concen: 0.307 ng
 RT: 8.691 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

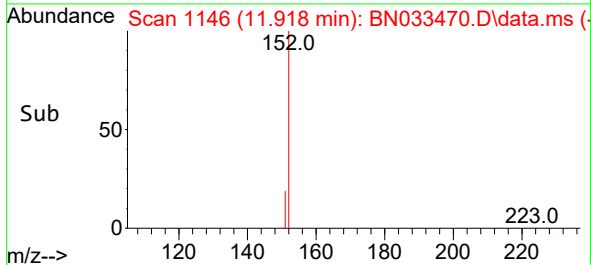
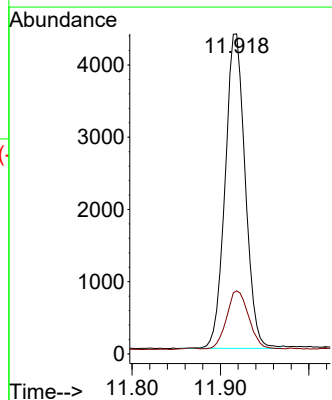
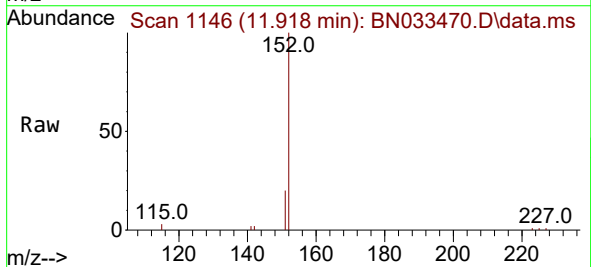
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081424

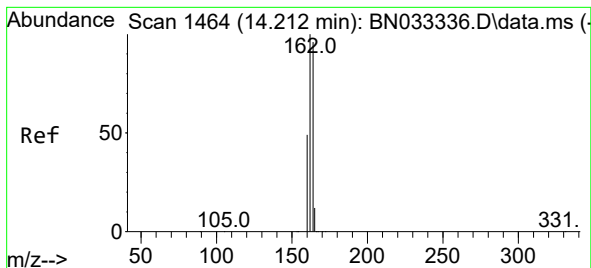
Tgt Ion: 82 Resp: 4082
 Ion Ratio Lower Upper
 82 100
 128 41.3 29.0 43.4
 54 55.6 50.2 75.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.253 ng
 RT: 11.918 min Scan# 1146
 Delta R.T. -0.011 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

Tgt Ion: 152 Resp: 6865
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424

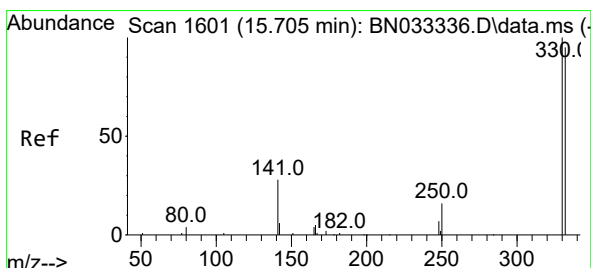
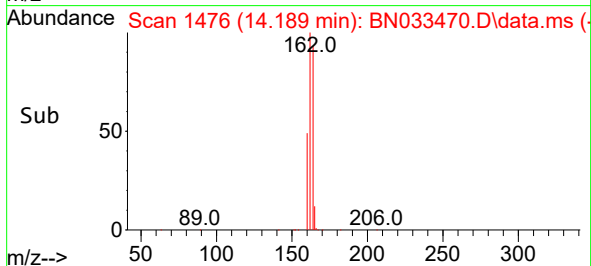
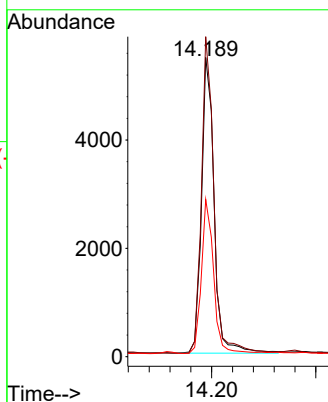
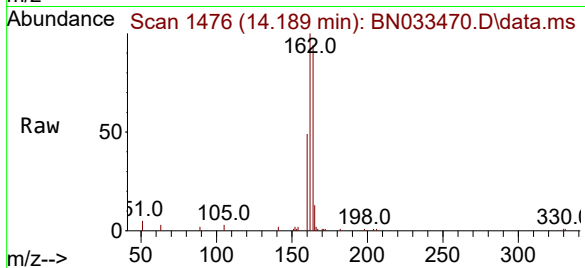
Tgt Ion:164 Resp: 9178

Ion Ratio Lower Upper

164 100

162 106.9 83.1 124.7

160 52.6 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.307 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.012 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

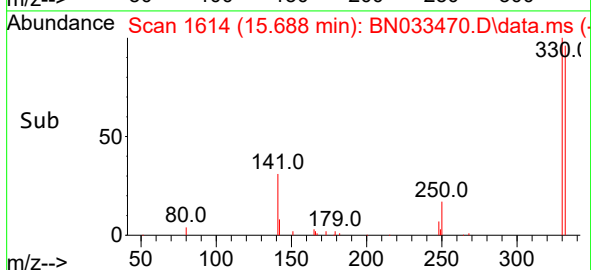
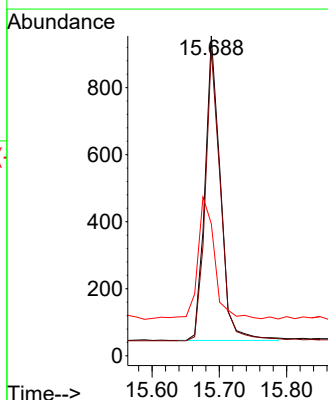
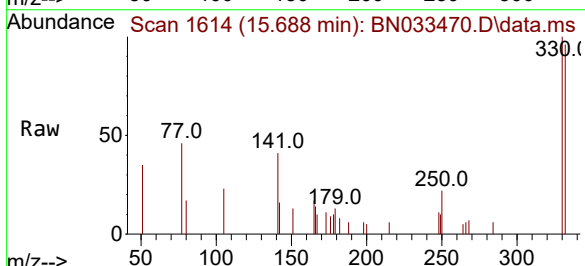
Tgt Ion:330 Resp: 1444

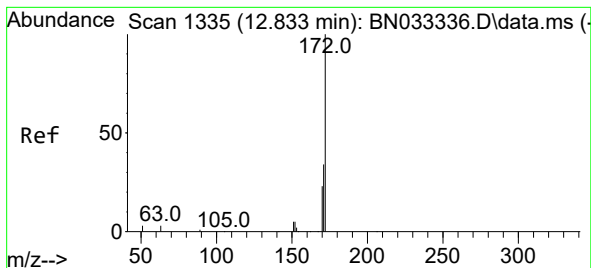
Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

141 42.5 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.284 ng

RT: 12.810 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424

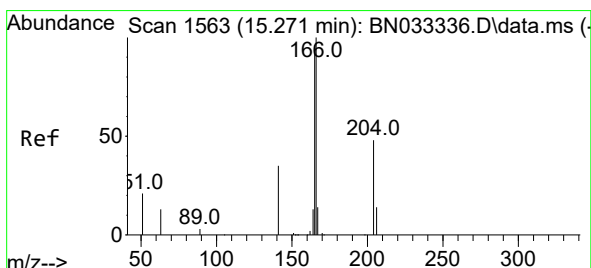
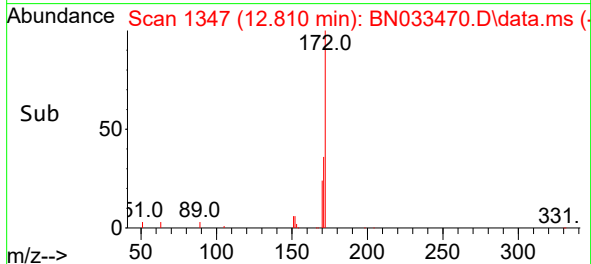
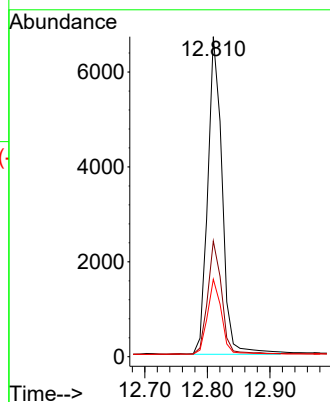
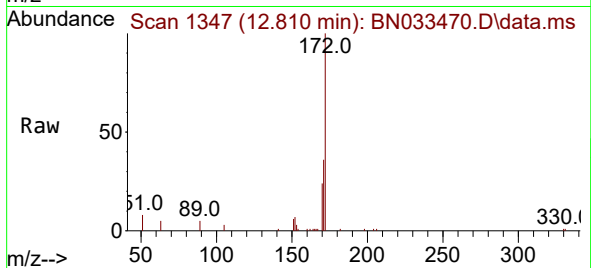
Tgt Ion:172 Resp: 10697

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.8

170 24.2 18.7 28.1



#18

Fluorene

Concen: 0.049 ng

RT: 15.247 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

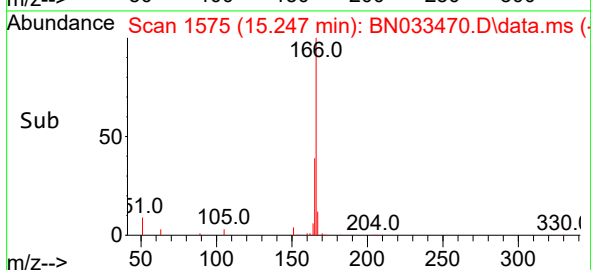
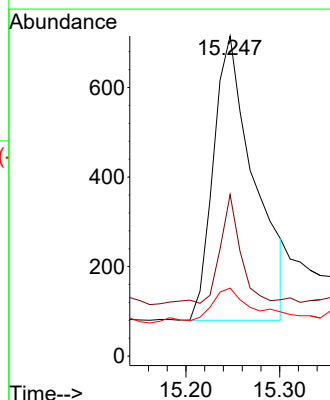
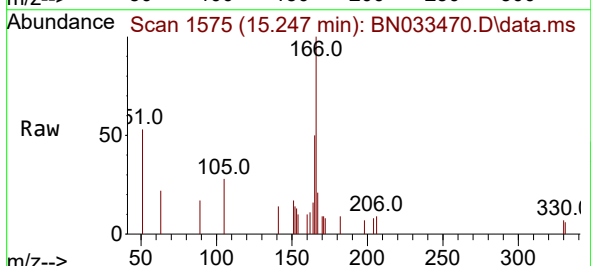
Tgt Ion:166 Resp: 1916

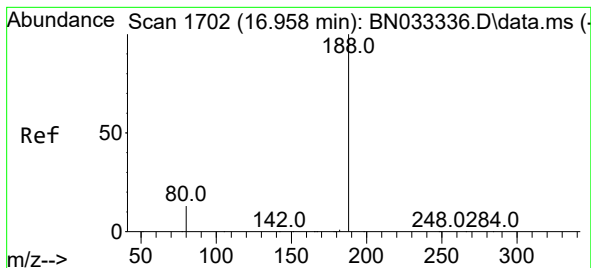
Ion Ratio Lower Upper

166 100

165 19.5 78.0 117.0#

167 10.7 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424

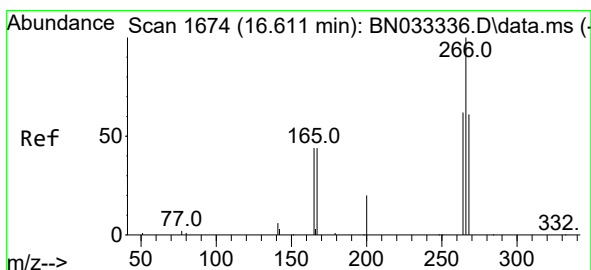
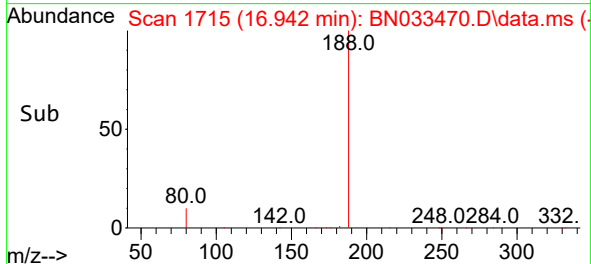
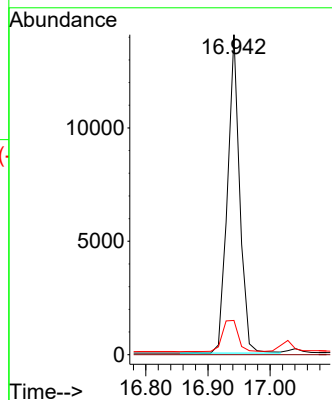
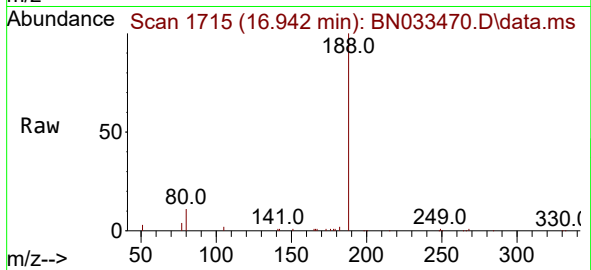
Tgt Ion:188 Resp: 19111

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 10.7 16.1#



#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.594 min Scan# 1687

Delta R.T. -0.012 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

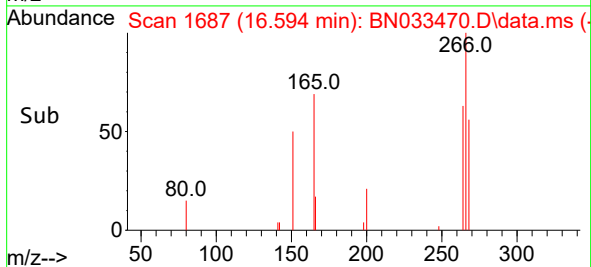
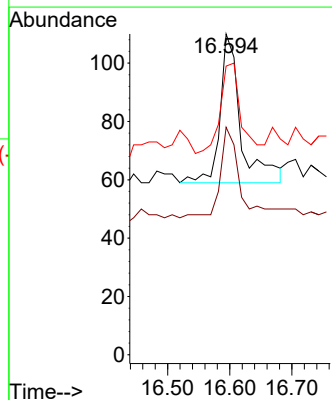
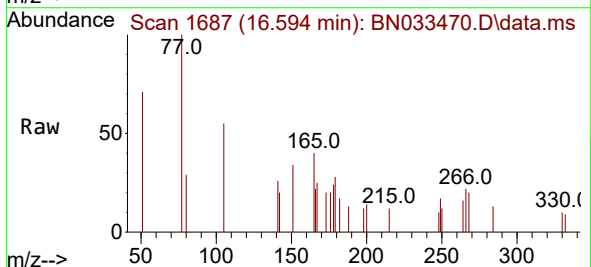
Tgt Ion:266 Resp: 118

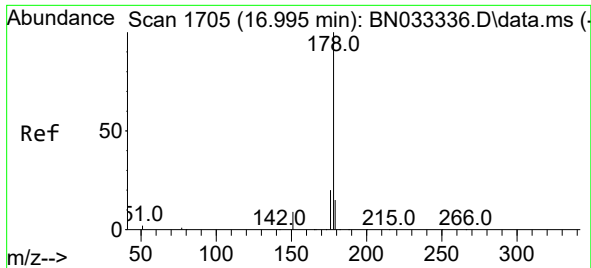
Ion Ratio Lower Upper

266 100

264 58.5 49.2 73.8

268 58.5 51.2 76.8

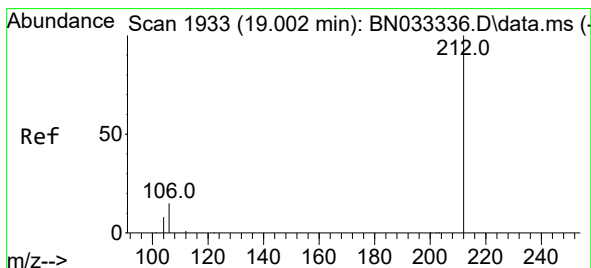
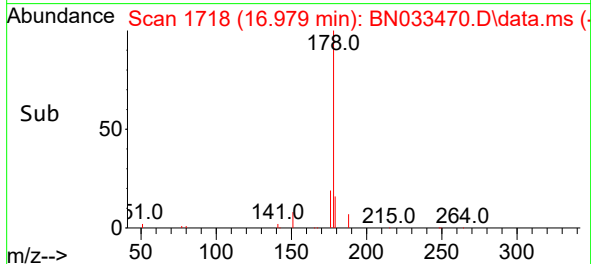
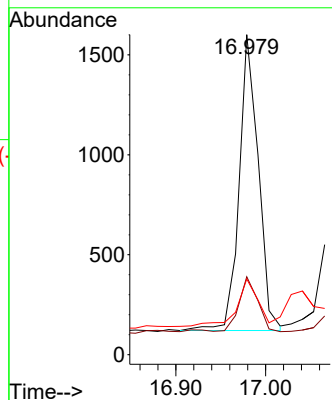
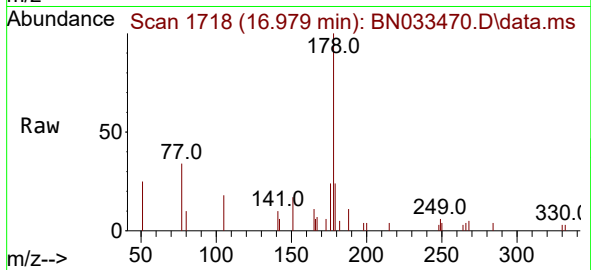




#25
Phenanthrene
Concen: 0.040 ng
RT: 16.979 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

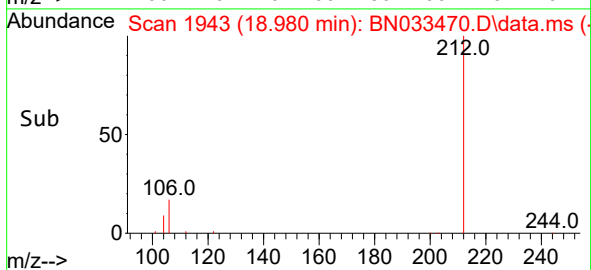
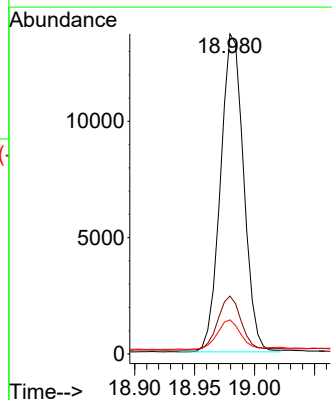
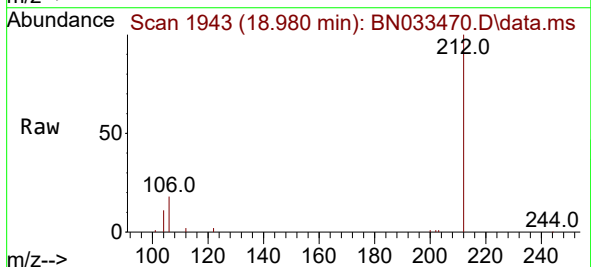
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081424

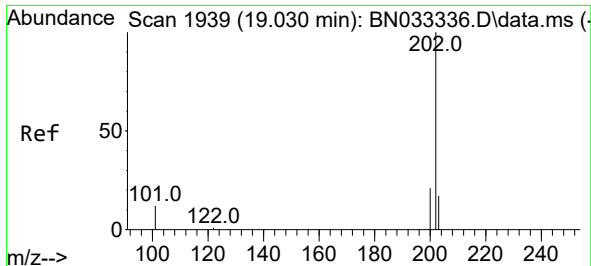
Tgt Ion:178 Resp: 2190
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 17.4 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 18.980 min Scan# 1943
Delta R.T. -0.014 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

Tgt Ion:212 Resp: 18376
Ion Ratio Lower Upper
212 100
106 17.7 12.8 19.2
104 9.3 7.1 10.7

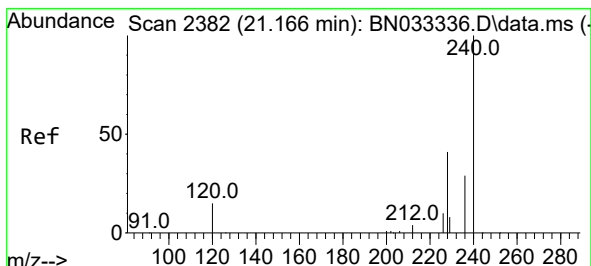
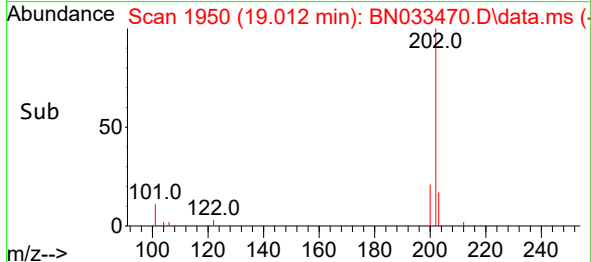
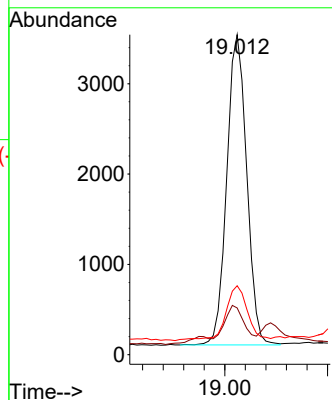
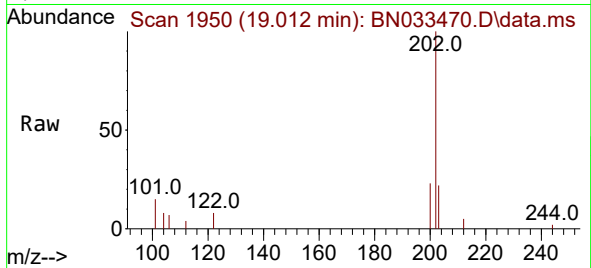




#28
Fluoranthene
Concen: 0.068 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

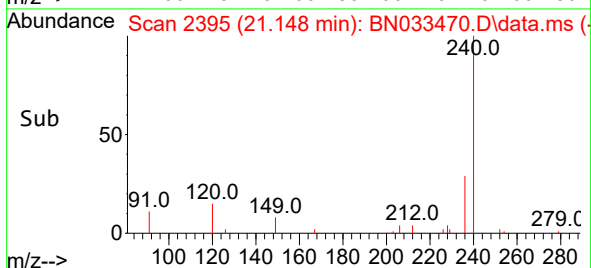
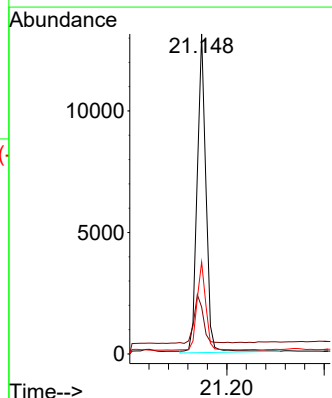
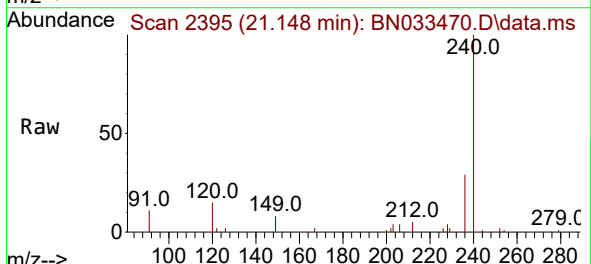
Instrument :
BNA_N
ClientSampleId :
917-J-WS-081424

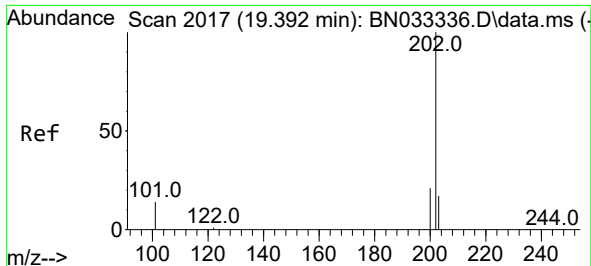
Tgt Ion:202 Resp: 4629
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 19.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033470.D
Acq: 17 Aug 2024 16:21

Tgt Ion:240 Resp: 16396
Ion Ratio Lower Upper
240 100
120 14.6 13.0 19.6
236 28.7 23.2 34.8

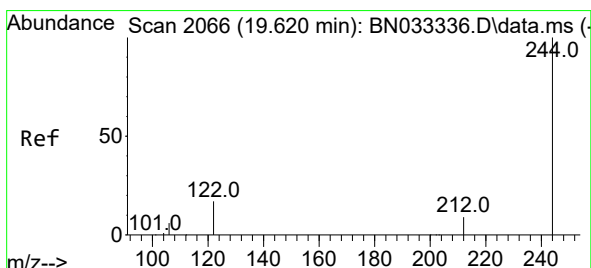
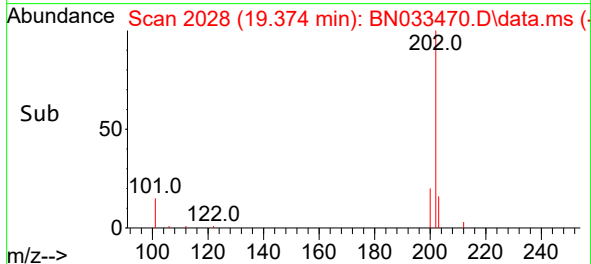
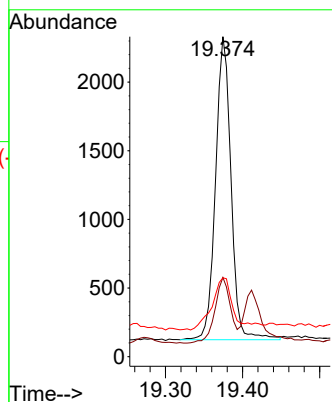
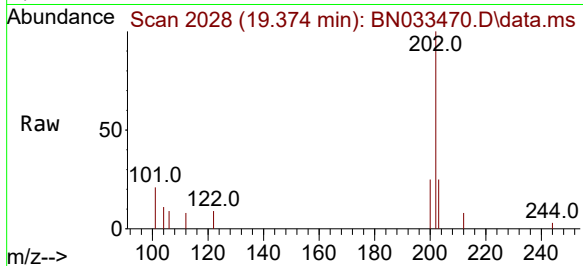




#30
 Pyrene
 Concen: 0.047 ng
 RT: 19.374 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

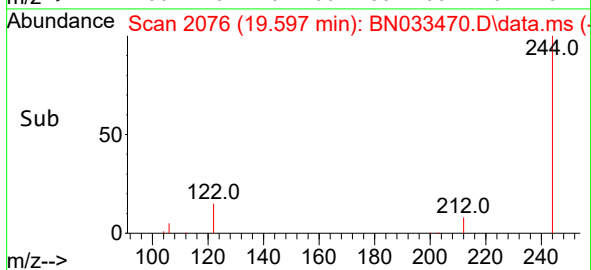
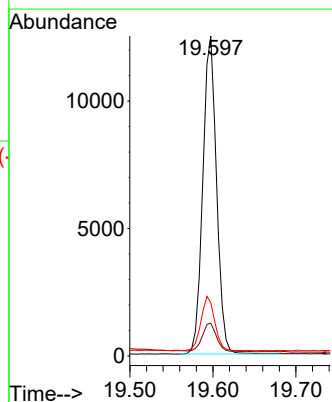
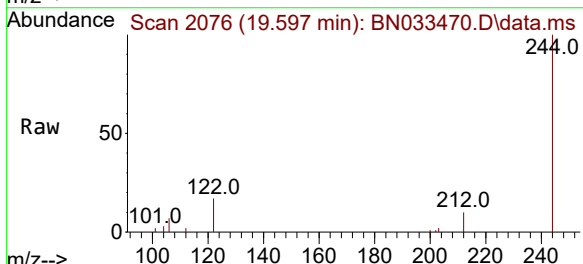
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WS-081424

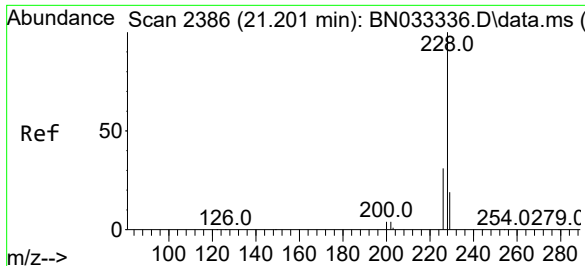
Tgt Ion:202 Resp: 3071
 Ion Ratio Lower Upper
 202 100
 200 21.8 16.7 25.1
 203 21.8 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.597 min Scan# 2076
 Delta R.T. -0.009 min
 Lab File: BN033470.D
 Acq: 17 Aug 2024 16:21

Tgt Ion:244 Resp: 14413
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.7 11.5
 122 16.6 14.0 21.0





#33

Chrysene

Concen: 0.039 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424

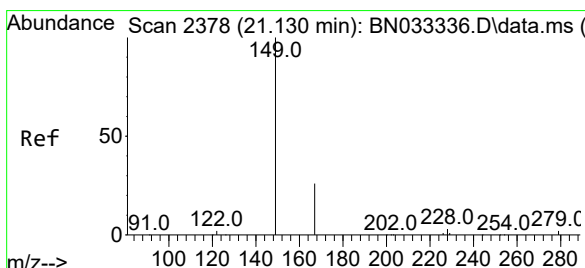
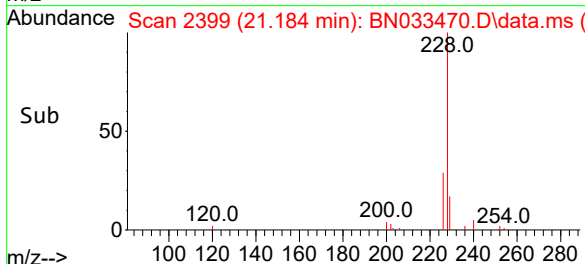
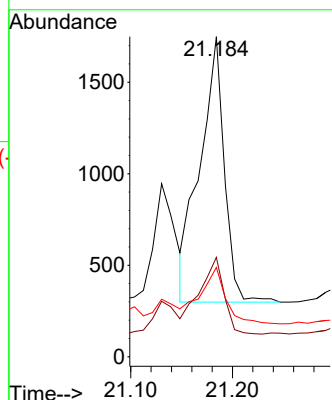
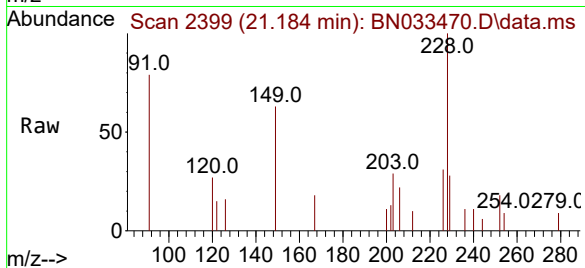
Tgt Ion:228 Resp: 2419

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 27.9 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.095 min Scan# 2389

Delta R.T. -0.018 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

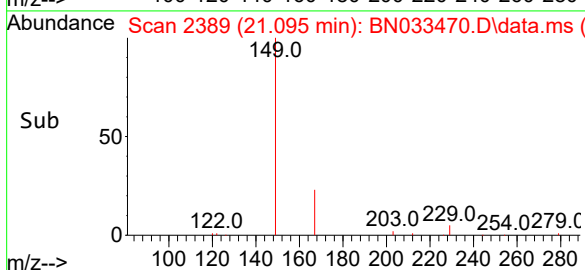
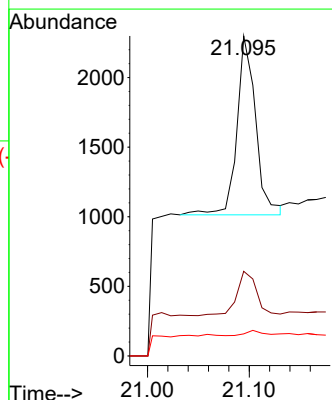
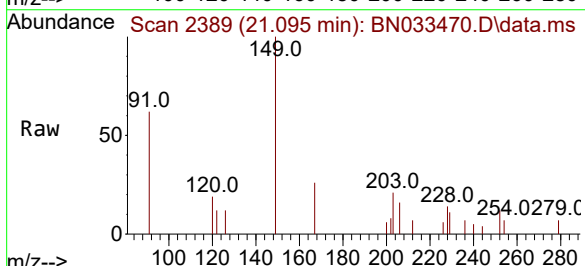
Tgt Ion:149 Resp: 1648

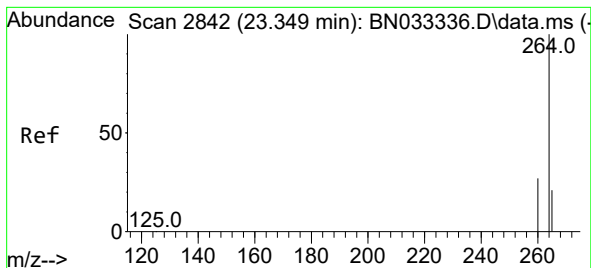
Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

279 3.0 2.2 3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424

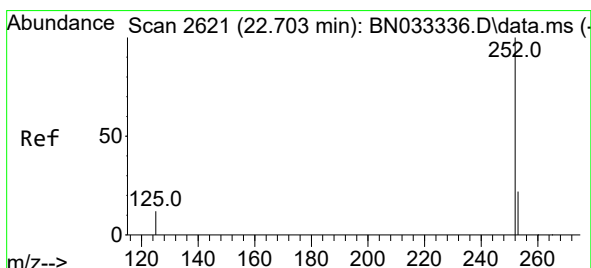
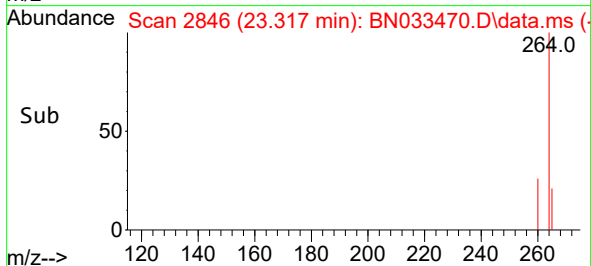
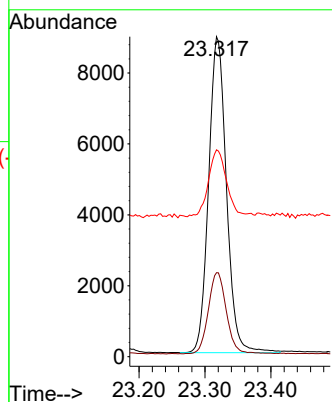
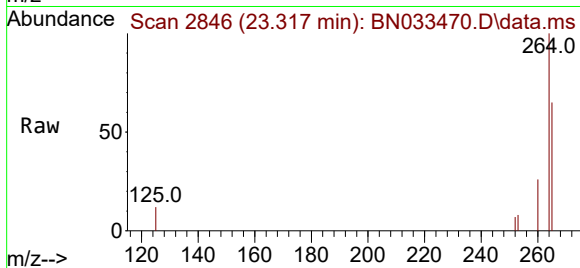
Tgt Ion:264 Resp: 16749

Ion Ratio Lower Upper

264 100

260 26.3 21.6 32.4

265 64.6 29.3 43.9#



#37

Benzo(b)fluoranthene

Concen: 0.044 ng

RT: 22.674 min Scan# 2626

Delta R.T. -0.012 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

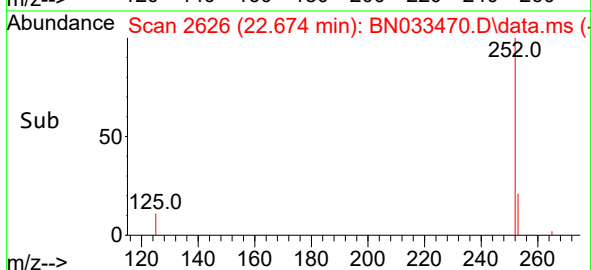
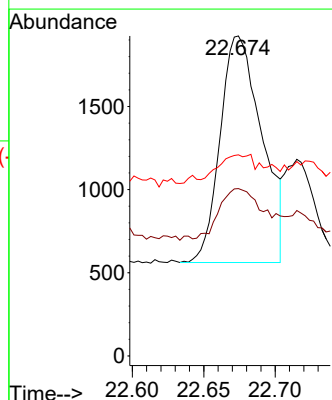
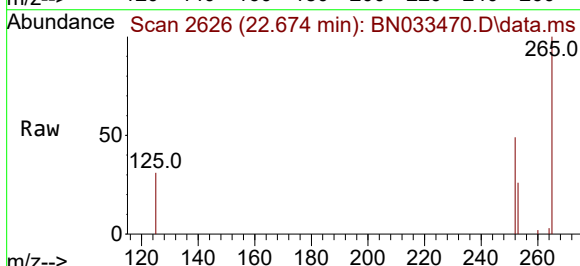
Tgt Ion:252 Resp: 2777

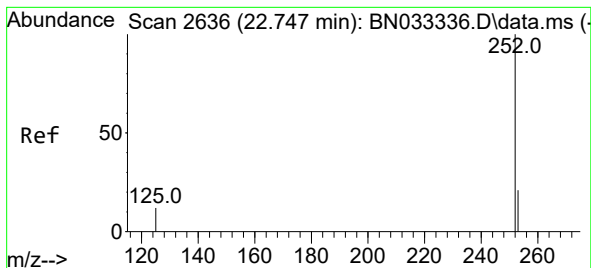
Ion Ratio Lower Upper

252 100

253 52.3 18.2 27.2#

125 62.8 11.3 16.9#





#38

Benzo(k)fluoranthene

Concen: 0.043 ng

RT: 22.674 min Scan# 20

Delta R.T. -0.056 min

Lab File: BN033470.D

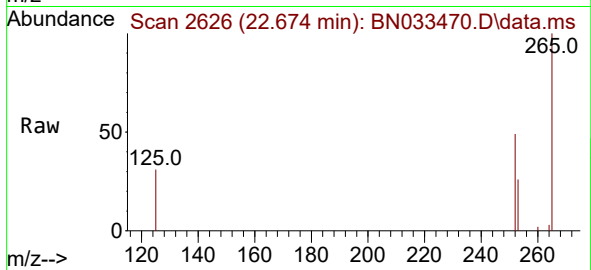
Acq: 17 Aug 2024 16:21

Instrument :

BNA_N

ClientSampleId :

917-J-WS-081424



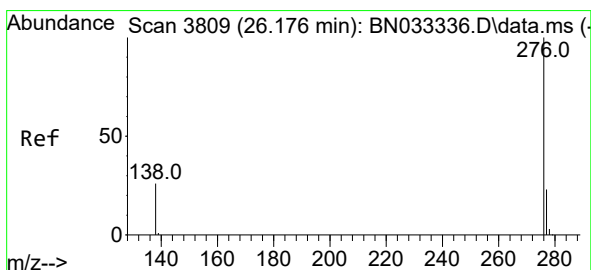
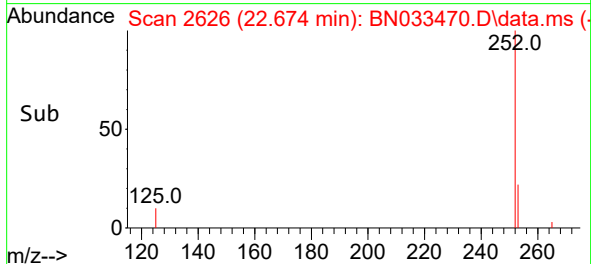
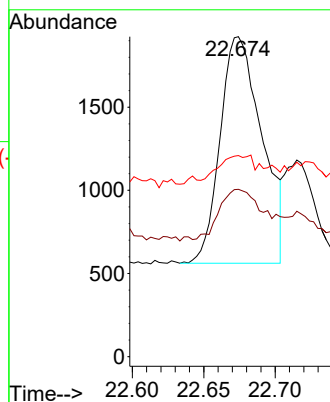
Tgt Ion:252 Resp: 2777

Ion Ratio Lower Upper

252 100

253 52.3 17.9 26.9#

125 62.8 11.3 16.9#



#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.124 min Scan# 3806

Delta R.T. -0.026 min

Lab File: BN033470.D

Acq: 17 Aug 2024 16:21

Tgt Ion:276 Resp: 1251

Ion Ratio Lower Upper

276 100

277 44.4 19.4 29.2#

138 55.8 21.6 32.4#

