

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
 Data File : BN033471.D
 Acq On : 17 Aug 2024 16:57
 Operator : MA/JU
 Sample : P3609-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Aug 17 23:31:32 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)

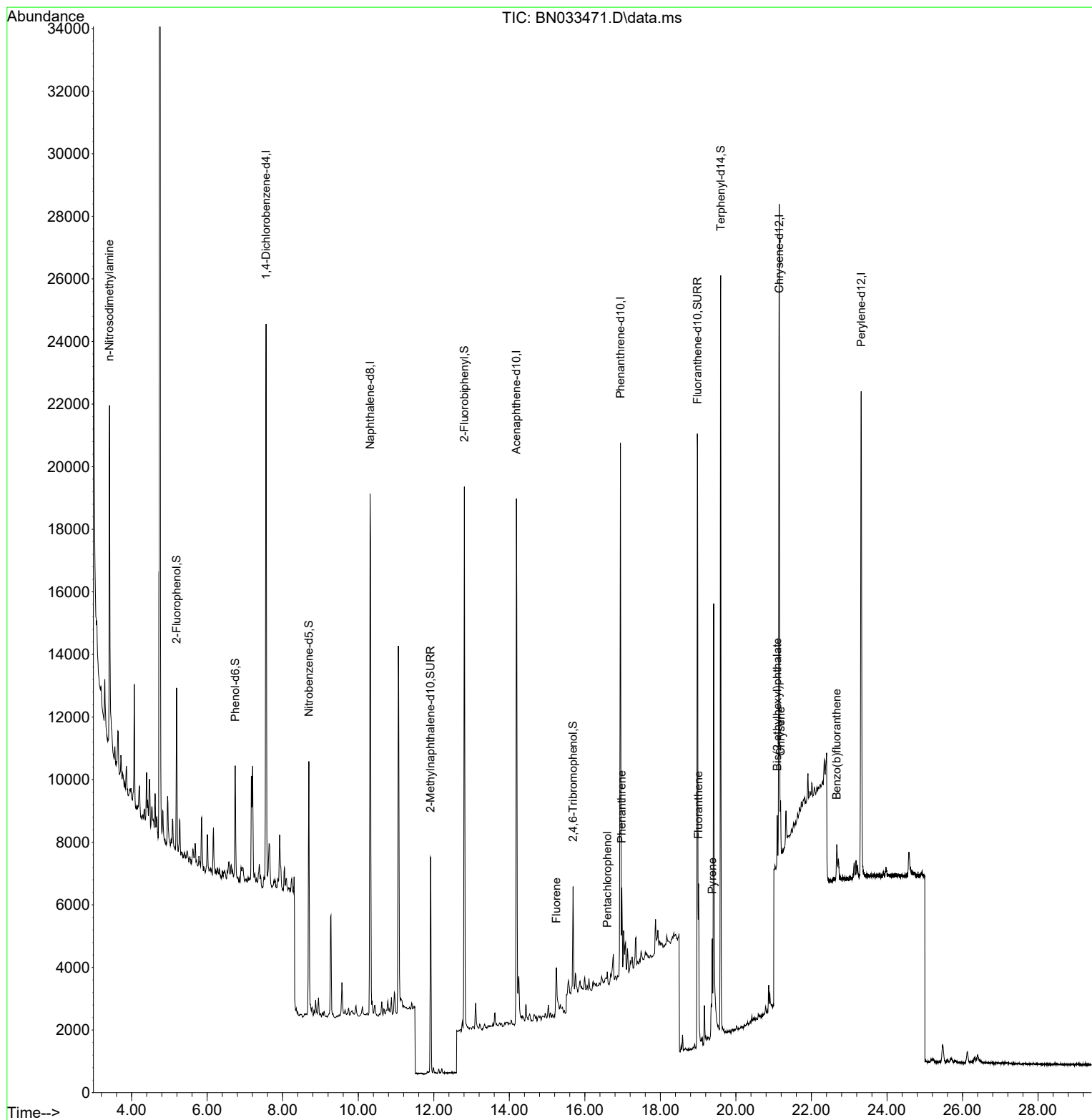
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	8277	0.400	ng	-0.01
7) Naphthalene-d8	10.314	136	22118	0.400	ng	-0.02
13) Acenaphthene-d10	14.189	164	10650	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	21491	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18138	0.400	ng	0.00
35) Perylene-d12	23.317	264	19135	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	3717	0.163	ng	0.00
5) Phenol-d6	6.743	99	2874	0.093	ng	0.00
8) Nitrobenzene-d5	8.691	82	5896	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	11.915	152	9376	0.275	ng	-0.02
14) 2,4,6-Tribromophenol	15.688	330	1883	0.345	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	14222	0.326	ng	-0.01
27) Fluoranthene-d10	18.984	212	20949	0.365	ng	0.00
31) Terphenyl-d14	19.597	244	22331	0.652	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.414	42	2095	0.177	ng	# 1
18) Fluorene	15.247	166	2721	0.061	ng	# 29
24) Pentachlorophenol	16.594	266	159	0.027	ng	94
25) Phenanthrene	16.979	178	2688	0.043	ng	99
28) Fluoranthene	19.012	202	4528	0.059	ng	96
30) Pyrene	19.374	202	2687	0.037	ng	# 93
33) Chrysene	21.184	228	1812	0.027	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.095	149	1546	0.050	ng	# 91
37) Benzo(b)fluoranthene	22.671	252	1702	0.024	ng	# 1

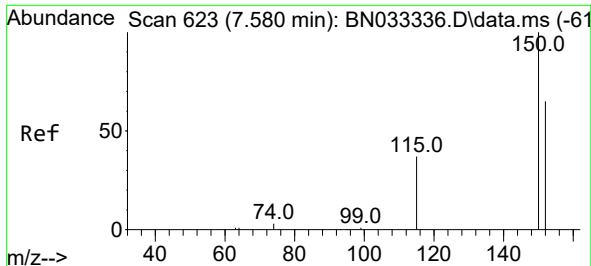
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
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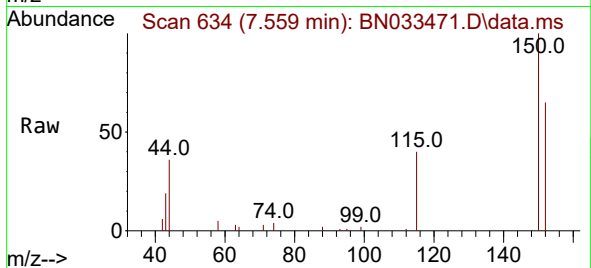
Quant Time: Aug 17 23:31:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



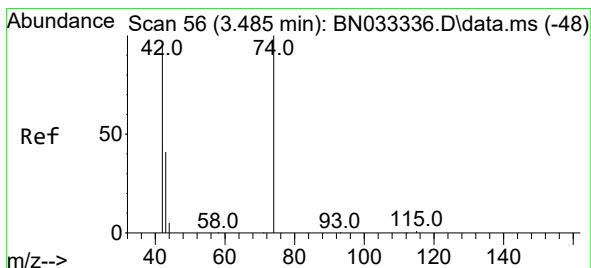
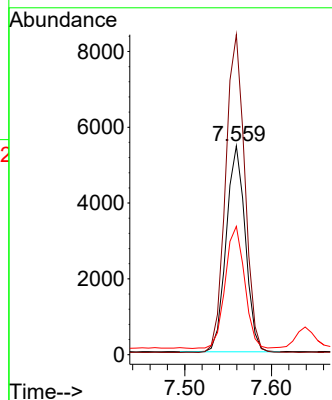
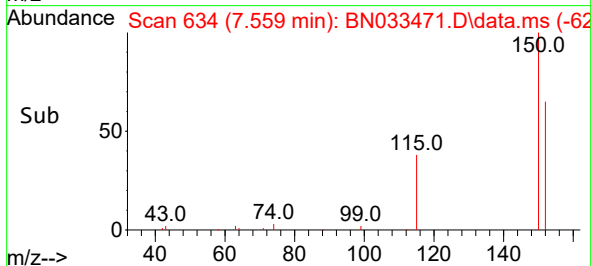


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

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

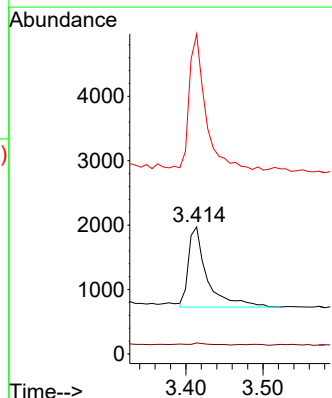
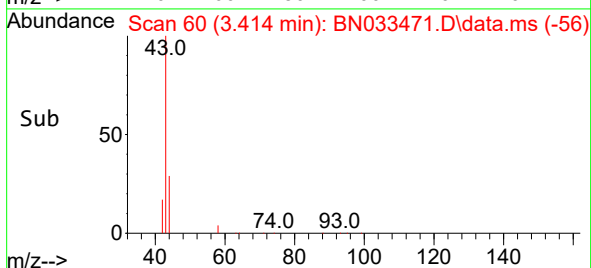
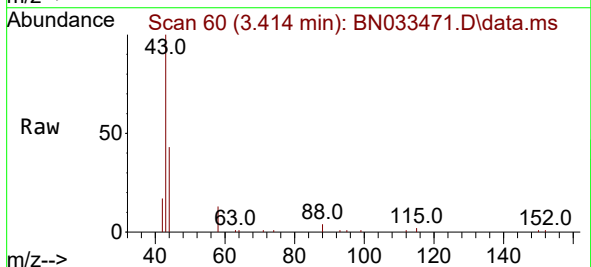


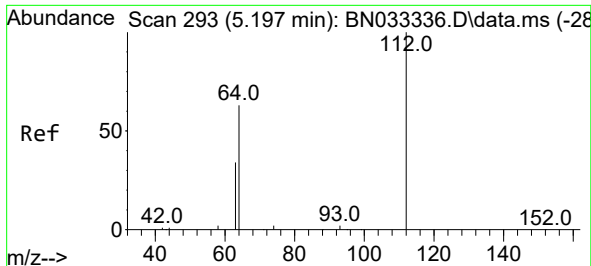
Tgt Ion:152 Resp: 8277
Ion Ratio Lower Upper
152 100
150 153.3 122.3 183.5
115 61.5 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion: 42 Resp: 2095
Ion Ratio Lower Upper
42 100
74 2.0 89.0 133.6#
44 148.8 11.0 16.4#





#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.191 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424

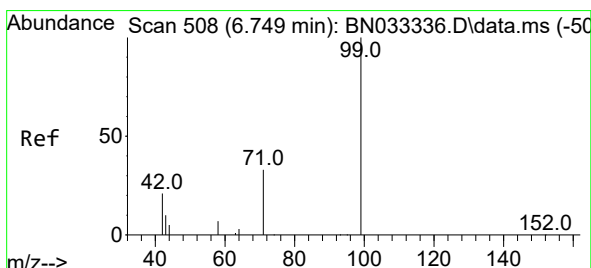
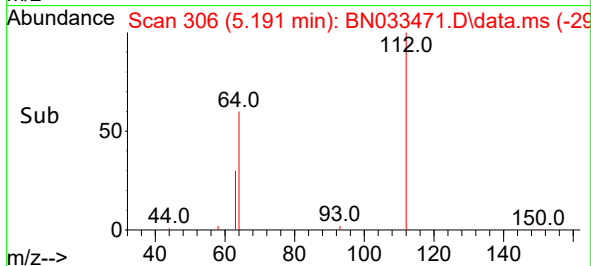
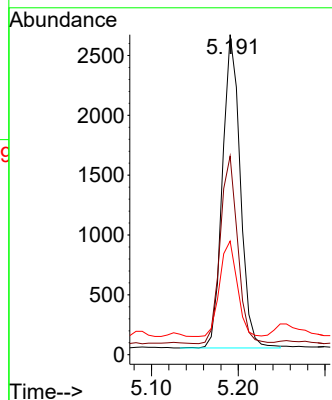
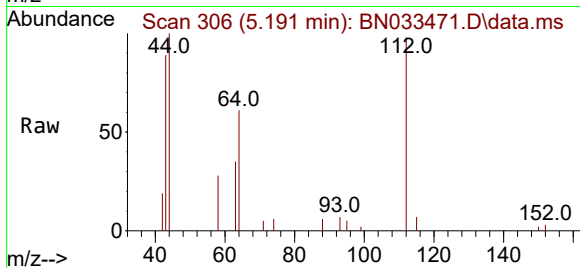
Tgt Ion:112 Resp: 3717

Ion Ratio Lower Upper

112 100

64 58.7 48.1 72.1

63 30.1 25.4 38.2



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.743 min Scan# 521

Delta R.T. -0.007 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

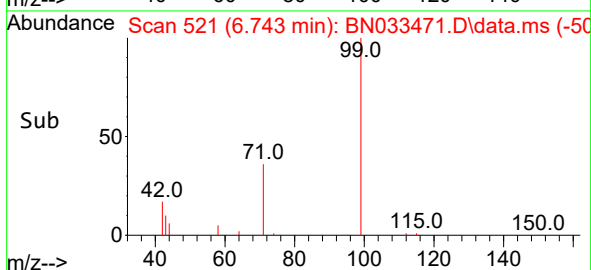
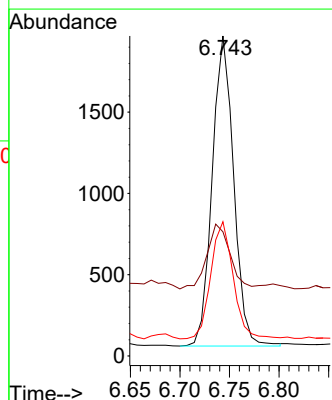
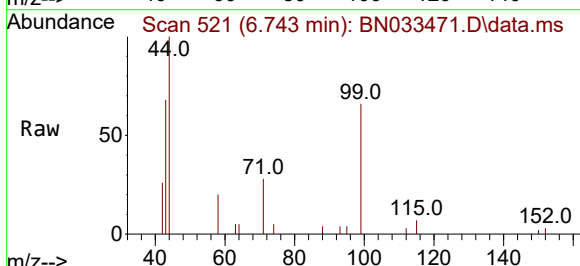
Tgt Ion: 99 Resp: 2874

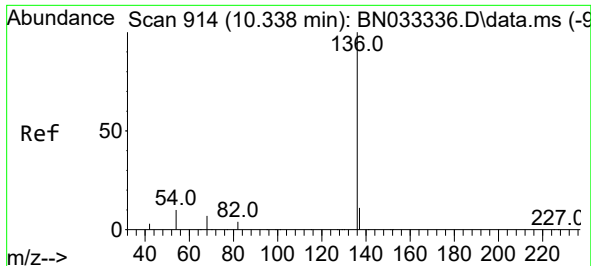
Ion Ratio Lower Upper

99 100

42 22.2 18.5 27.7

71 39.7 26.2 39.2#

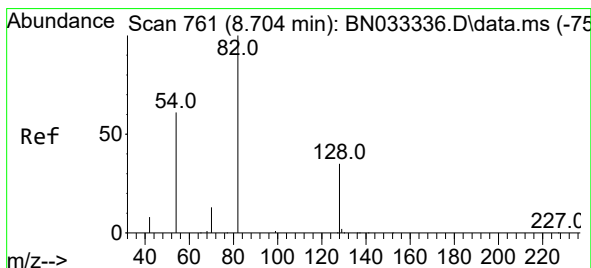
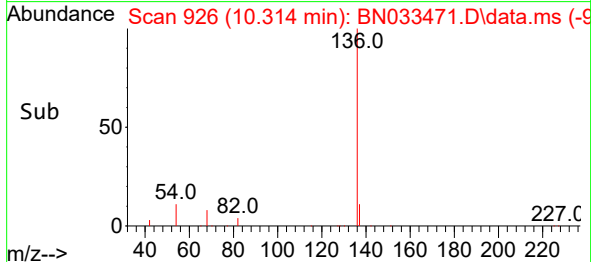
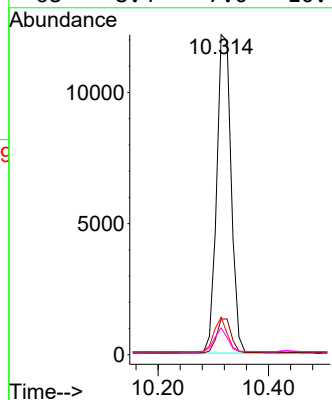
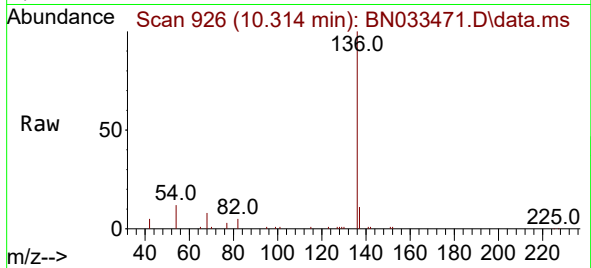




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 914
Delta R.T. -0.021 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

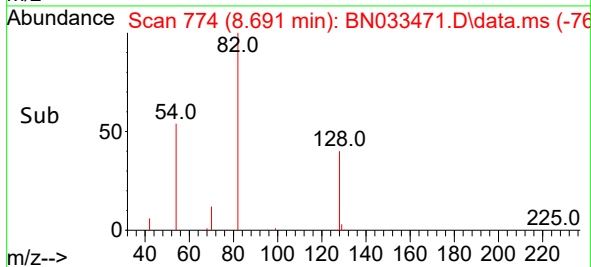
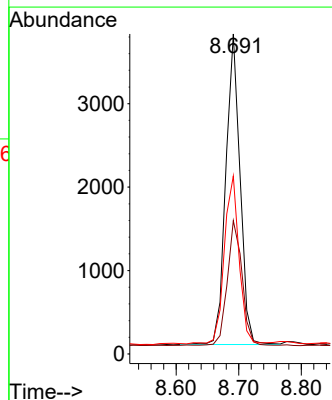
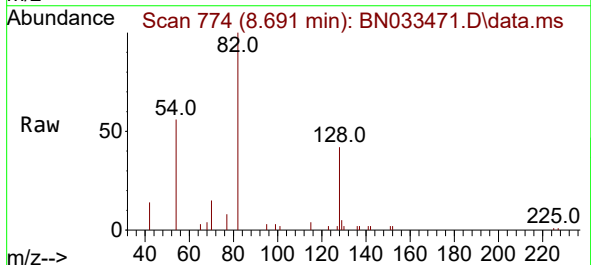
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424

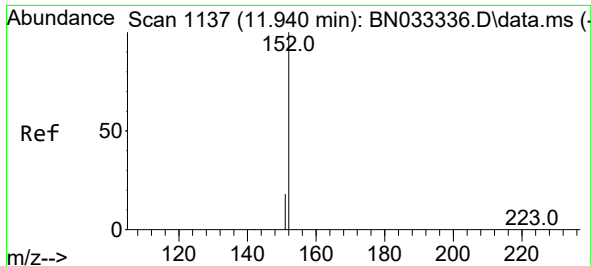
Tgt Ion:	136	Resp:	22118
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	11.7	9.4	14.0
68	8.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:	82	Resp:	5896
Ion Ratio	Lower	Upper	
82	100		
128	41.7	29.0	43.4
54	55.6	50.2	75.4

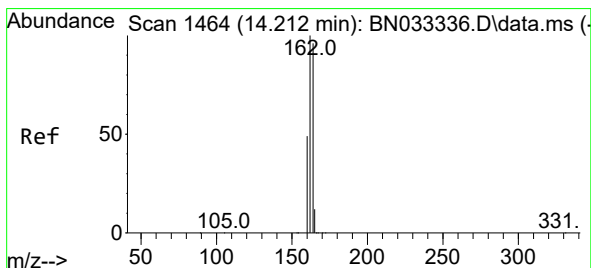
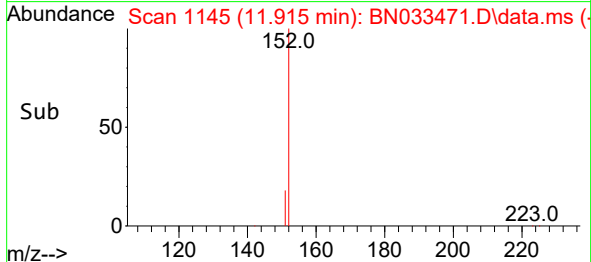
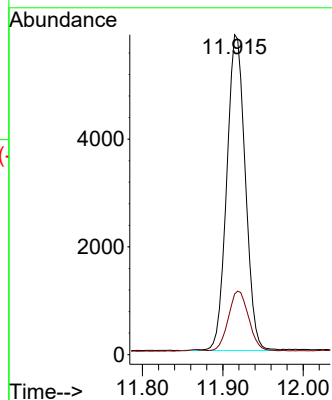
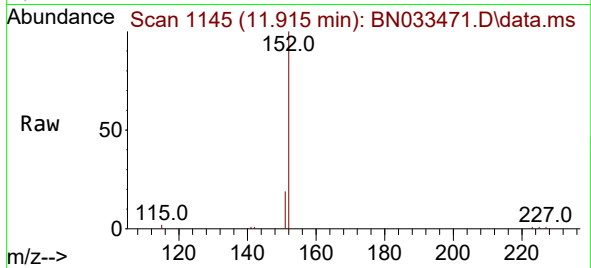




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.915 min Scan# 1137
Delta R.T. -0.015 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

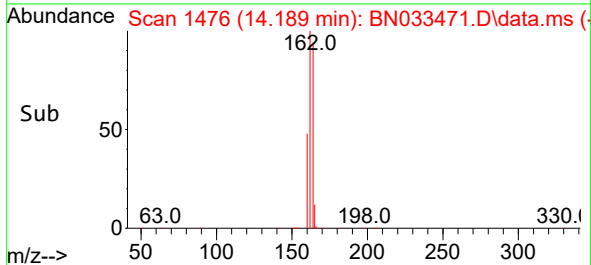
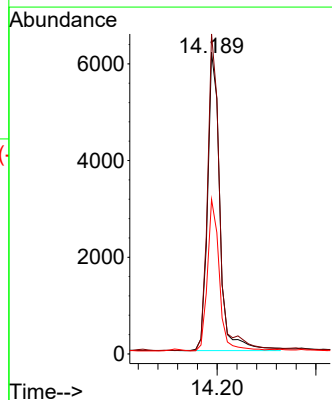
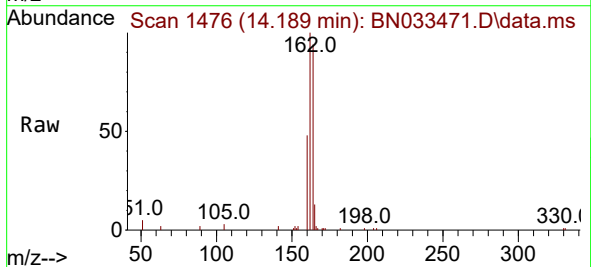
Instrument :
BNA_N
ClientSampleId :
915-J-WS-081424

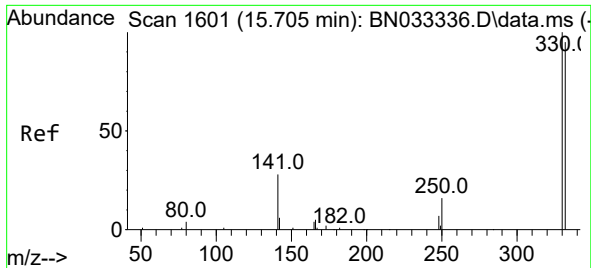
Tgt Ion:152 Resp: 9376
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

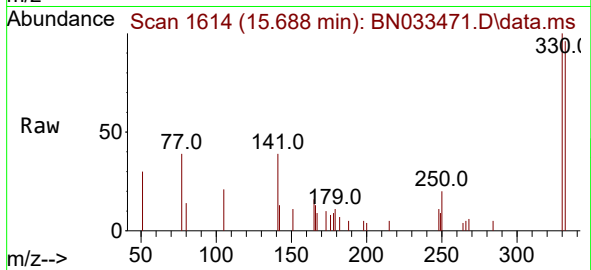
Tgt Ion:164 Resp: 10650
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 51.2 41.1 61.7



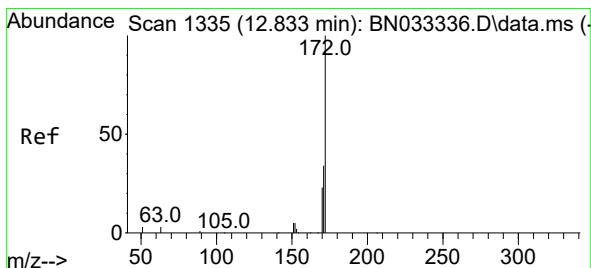
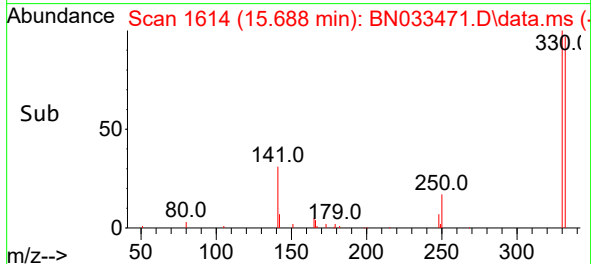
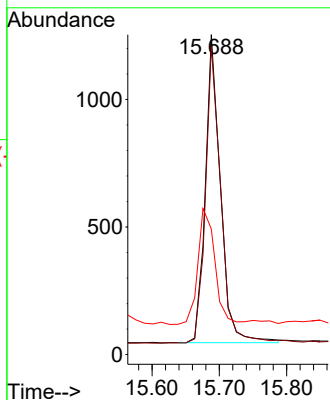


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

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

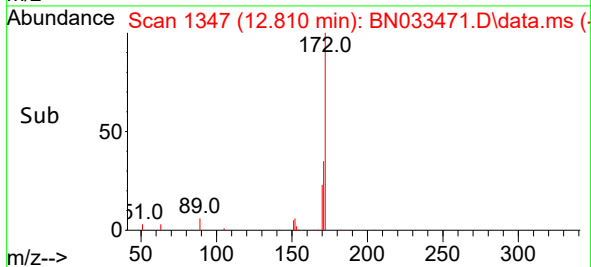
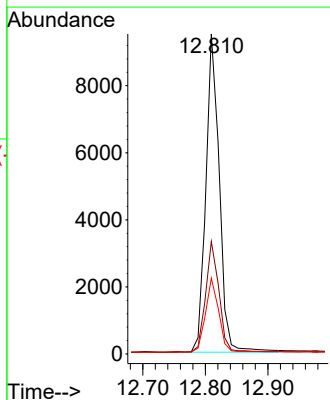
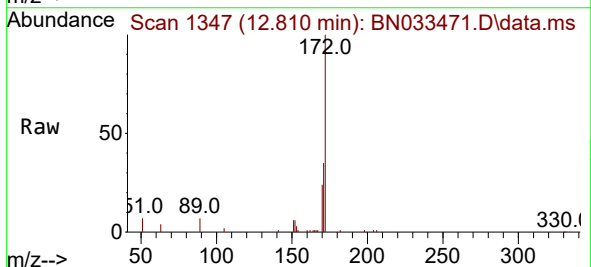


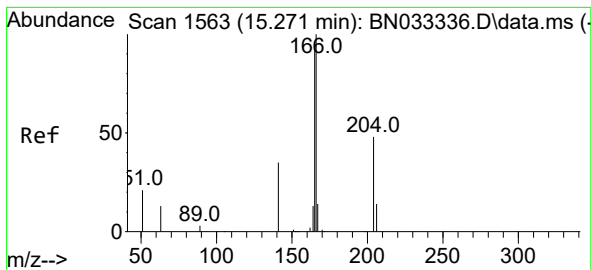
Tgt Ion:330 Resp: 1883
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 42.7 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:172 Resp: 14222
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.6 18.7 28.1





#18

Fluorene

Concen: 0.061 ng

RT: 15.247 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424

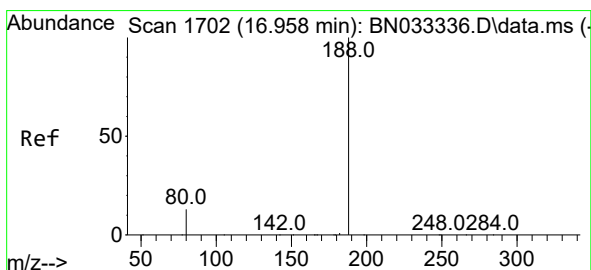
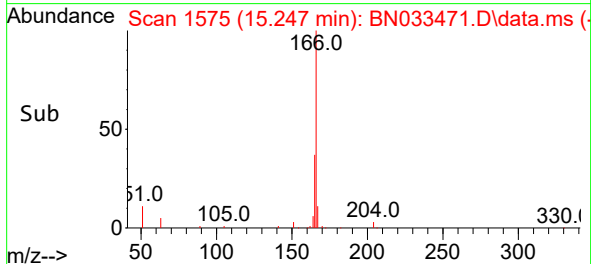
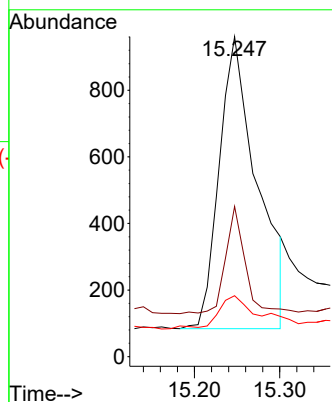
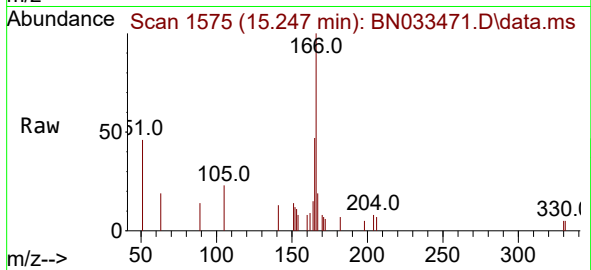
Tgt Ion:166 Resp: 2721

Ion Ratio Lower Upper

166 100

165 18.7 78.0 117.0#

167 11.5 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

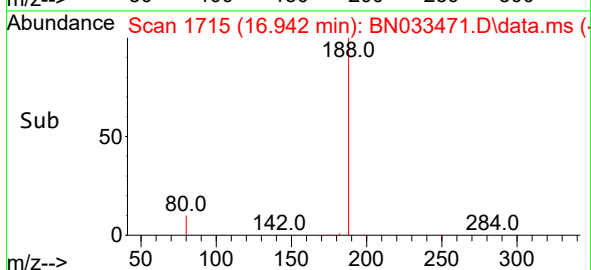
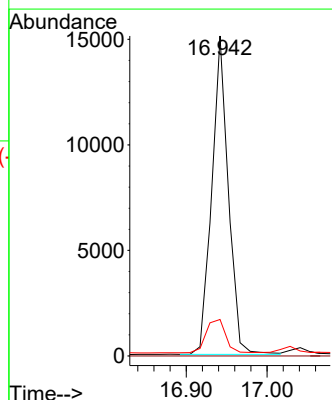
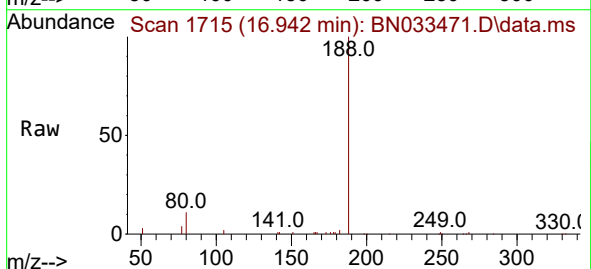
Tgt Ion:188 Resp: 21491

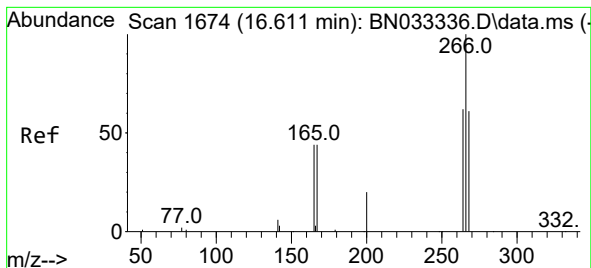
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 10.7 16.1





#24

Pentachlorophenol

Concen: 0.027 ng

RT: 16.594 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424

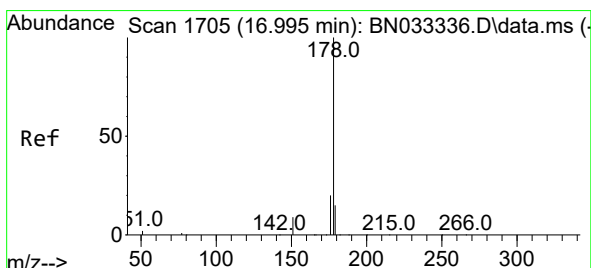
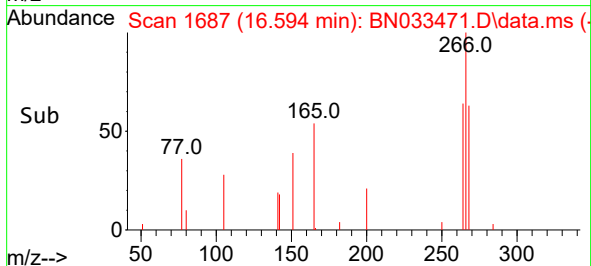
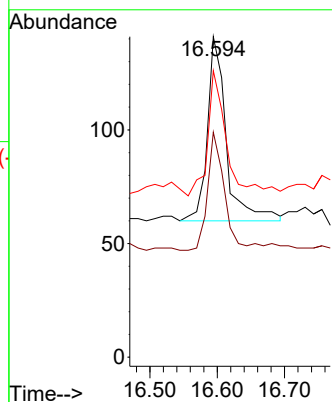
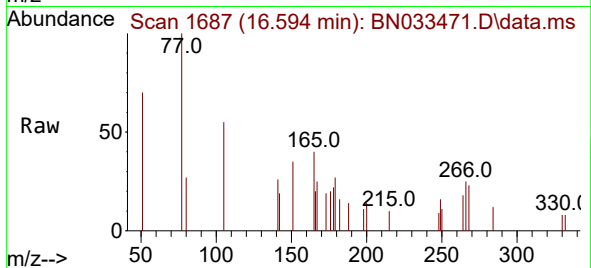
Tgt Ion:266 Resp: 159

Ion Ratio Lower Upper

266 100

264 55.3 49.2 73.8

268 67.9 51.2 76.8



#25

Phenanthrene

Concen: 0.043 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.012 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

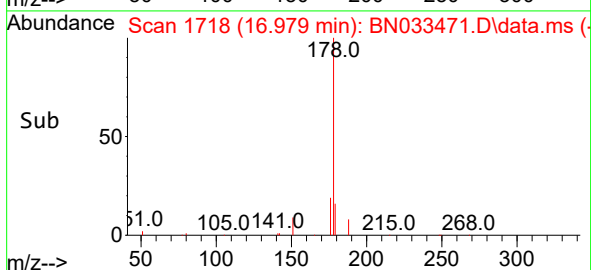
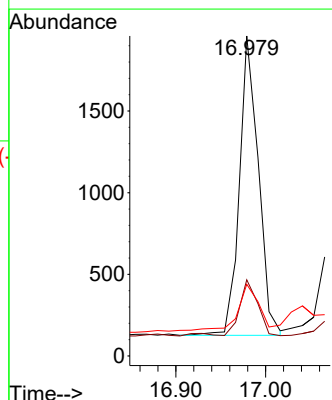
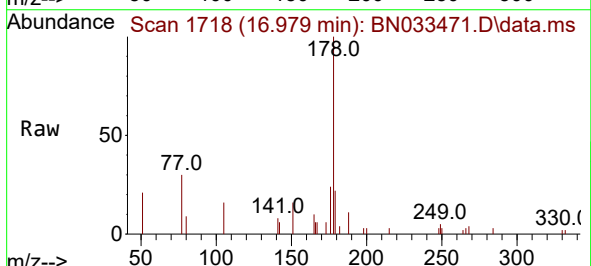
Tgt Ion:178 Resp: 2688

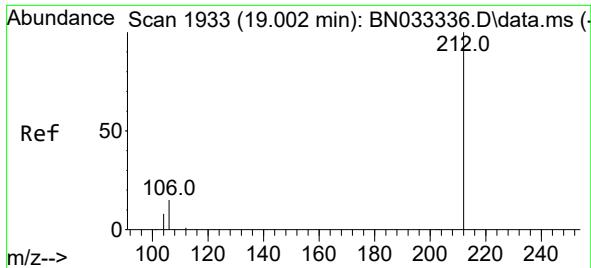
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 16.1 12.2 18.2

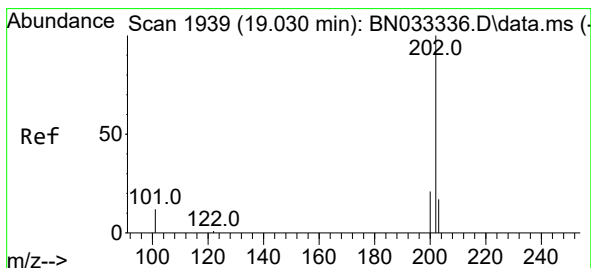
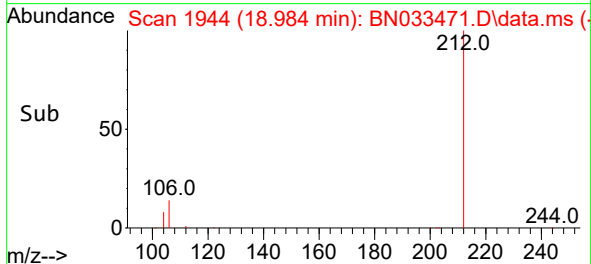
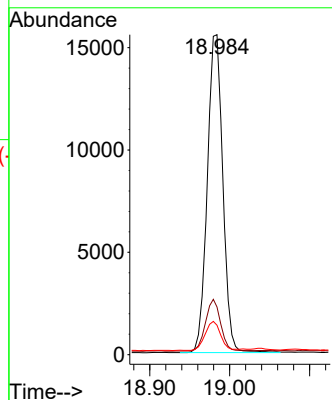
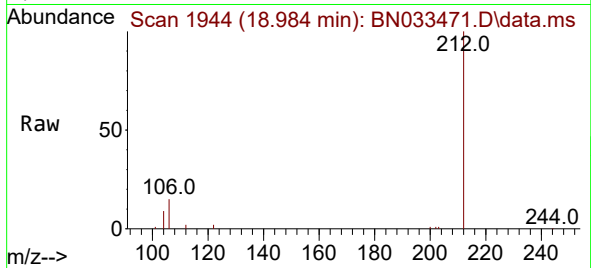




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

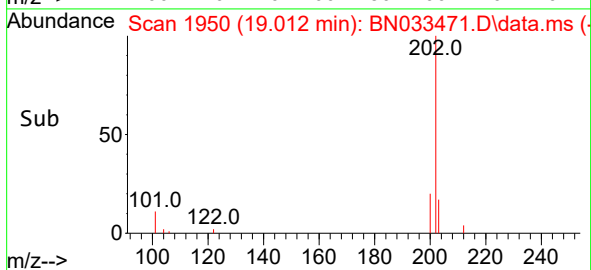
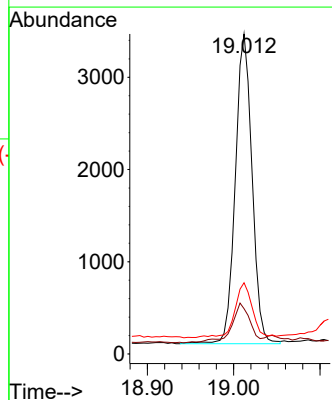
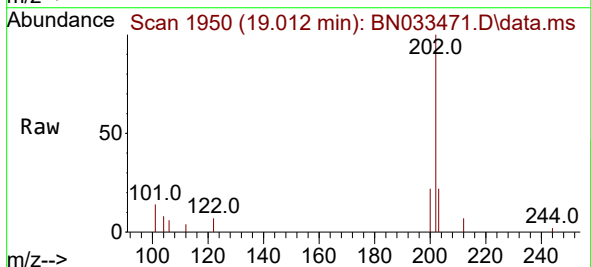
Instrument :
BNA_N
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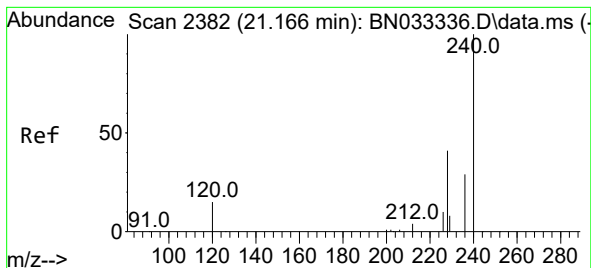
Tgt Ion:212 Resp: 20949
Ion Ratio Lower Upper
212 100
106 16.0 12.8 19.2
104 9.0 7.1 10.7



#28
Fluoranthene
Concen: 0.059 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033471.D
Acq: 17 Aug 2024 16:57

Tgt Ion:202 Resp: 4528
Ion Ratio Lower Upper
202 100
101 14.1 9.8 14.6
203 18.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424

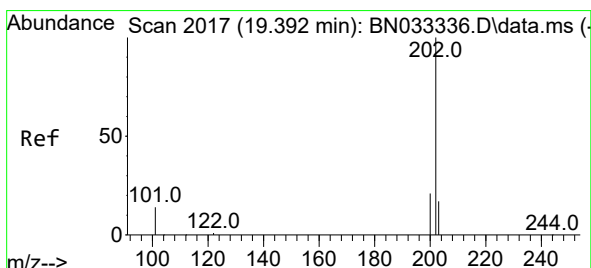
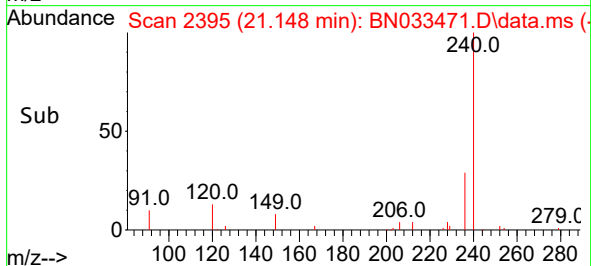
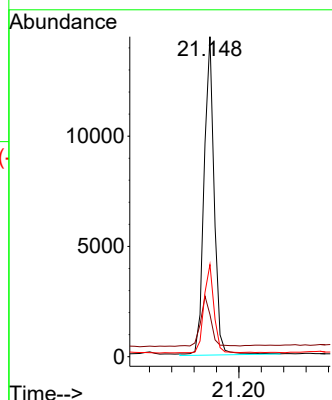
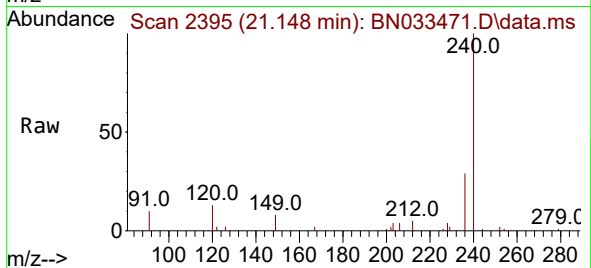
Tgt Ion:240 Resp: 18138

Ion Ratio Lower Upper

240 100

120 13.1 13.0 19.6

236 28.8 23.2 34.8



#30

Pyrene

Concen: 0.037 ng

RT: 19.374 min Scan# 2028

Delta R.T. -0.009 min

Lab File: BN033471.D

Acq: 17 Aug 2024 16:57

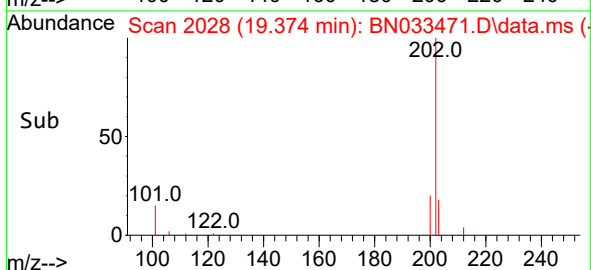
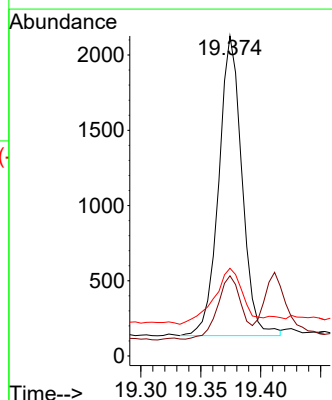
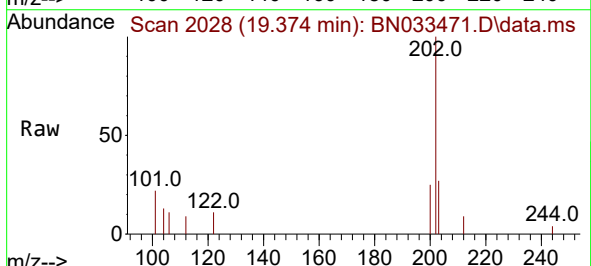
Tgt Ion:202 Resp: 2687

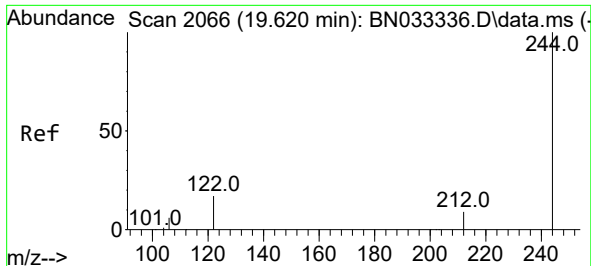
Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 23.3 14.2 21.4#

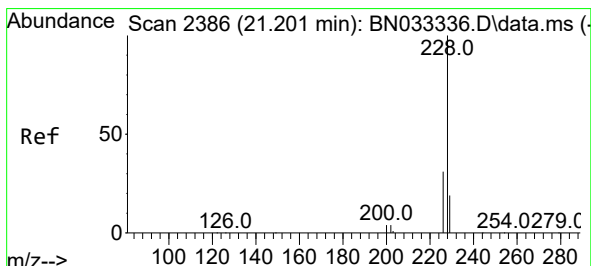
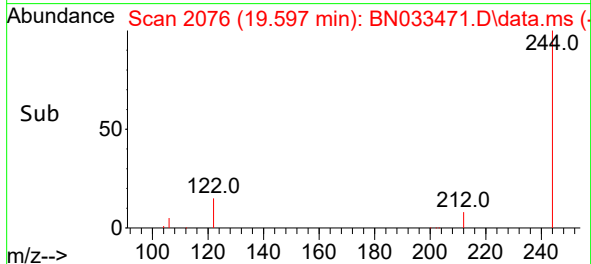
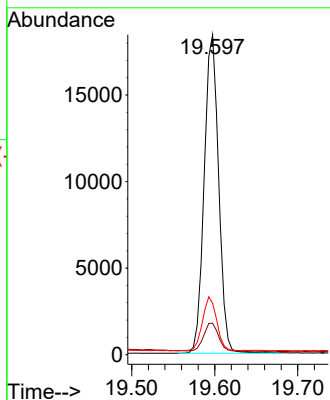
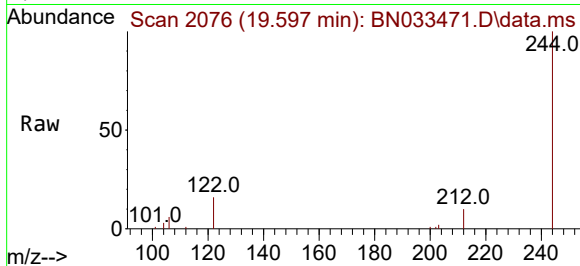




#31
 Terphenyl-d14
 Concen: 0.652 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

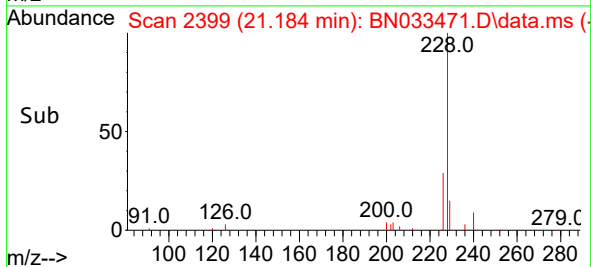
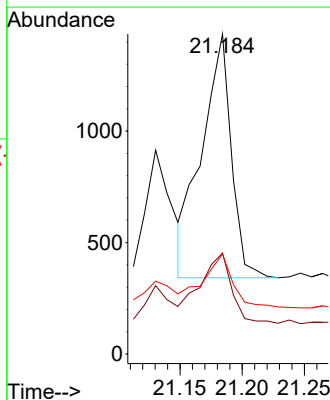
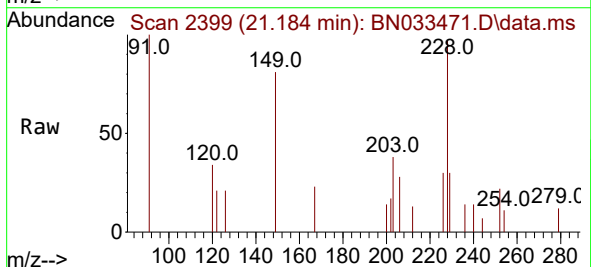
Instrument :
 BNA_N
 ClientSampleId :
 915-J-WS-081424

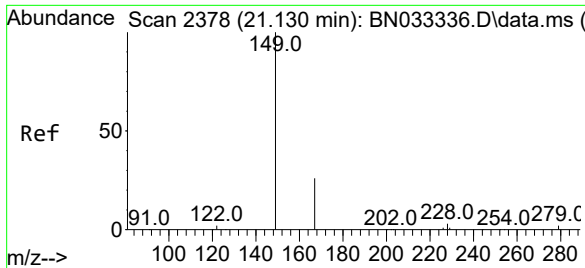
Tgt Ion:244 Resp: 22331
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.7 11.5
 122 16.1 14.0 21.0



#33
 Chrysene
 Concen: 0.027 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.009 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

Tgt Ion:228 Resp: 1812
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.7 37.1
 229 31.2 15.4 23.2#

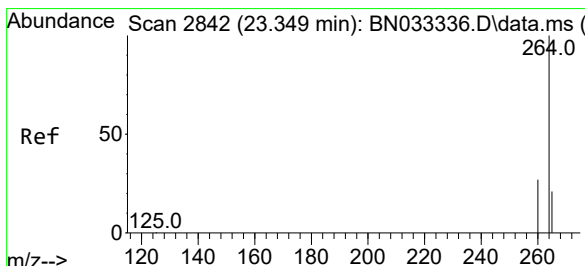
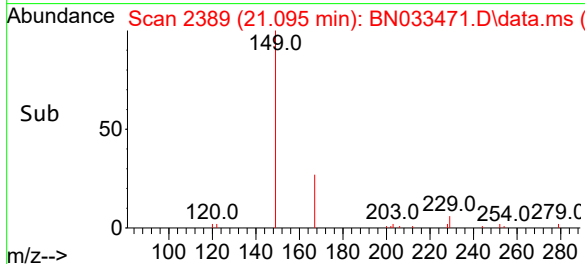
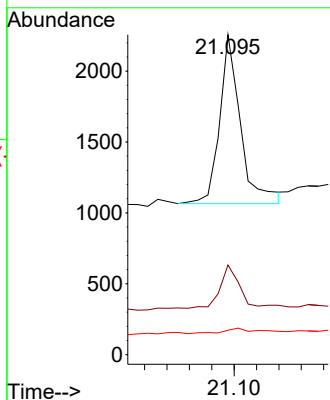
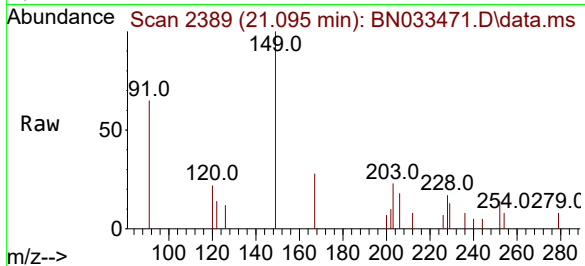




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.095 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

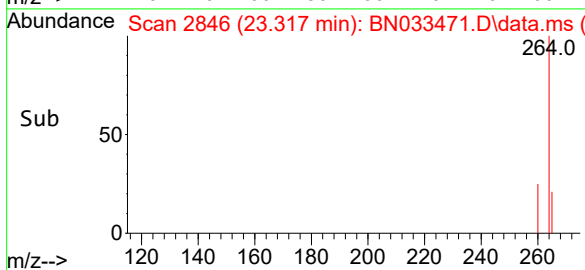
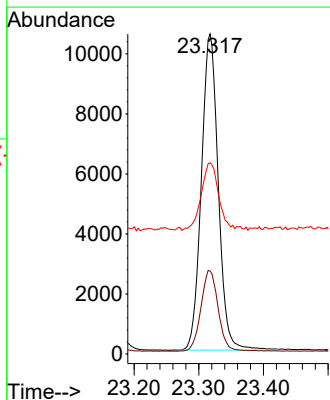
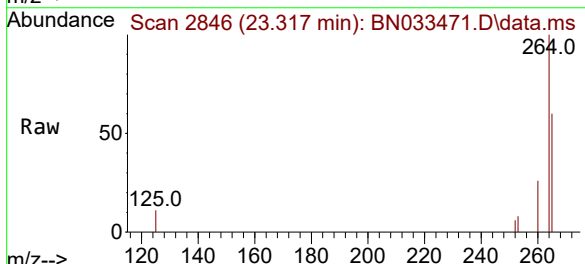
Instrument :
 BNA_N
 ClientSampleId :
 915-J-WS-081424

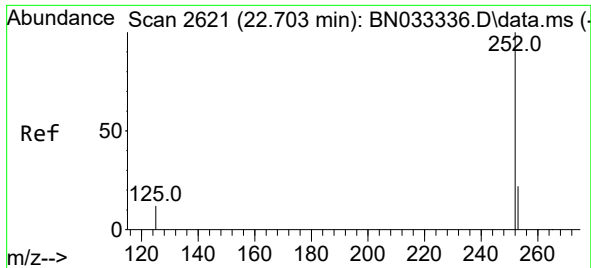
Tgt Ion:149 Resp: 1546
 Ion Ratio Lower Upper
 149 100
 167 30.9 20.9 31.3
 279 6.0 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.317 min Scan# 2846
 Delta R.T. -0.015 min
 Lab File: BN033471.D
 Acq: 17 Aug 2024 16:57

Tgt Ion:264 Resp: 19135
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.6 32.4
 265 59.7 29.3 43.9#





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.671 min Scan# 20

Delta R.T. -0.015 min

Lab File: BN033471.D

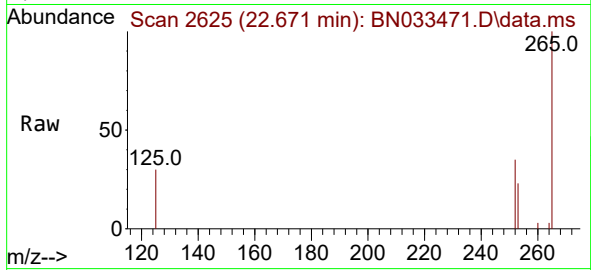
Acq: 17 Aug 2024 16:57

Instrument :

BNA_N

ClientSampleId :

915-J-WS-081424



Tgt Ion:252 Resp: 1702

Ion Ratio Lower Upper

252 100

253 64.9 18.2 27.2#

125 84.2 11.3 16.9#

