

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033460.D
 Acq On : 17 Aug 2024 09:40
 Operator : MA/JU
 Sample : P3601-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324

Quant Time: Aug 17 23:21:11 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)

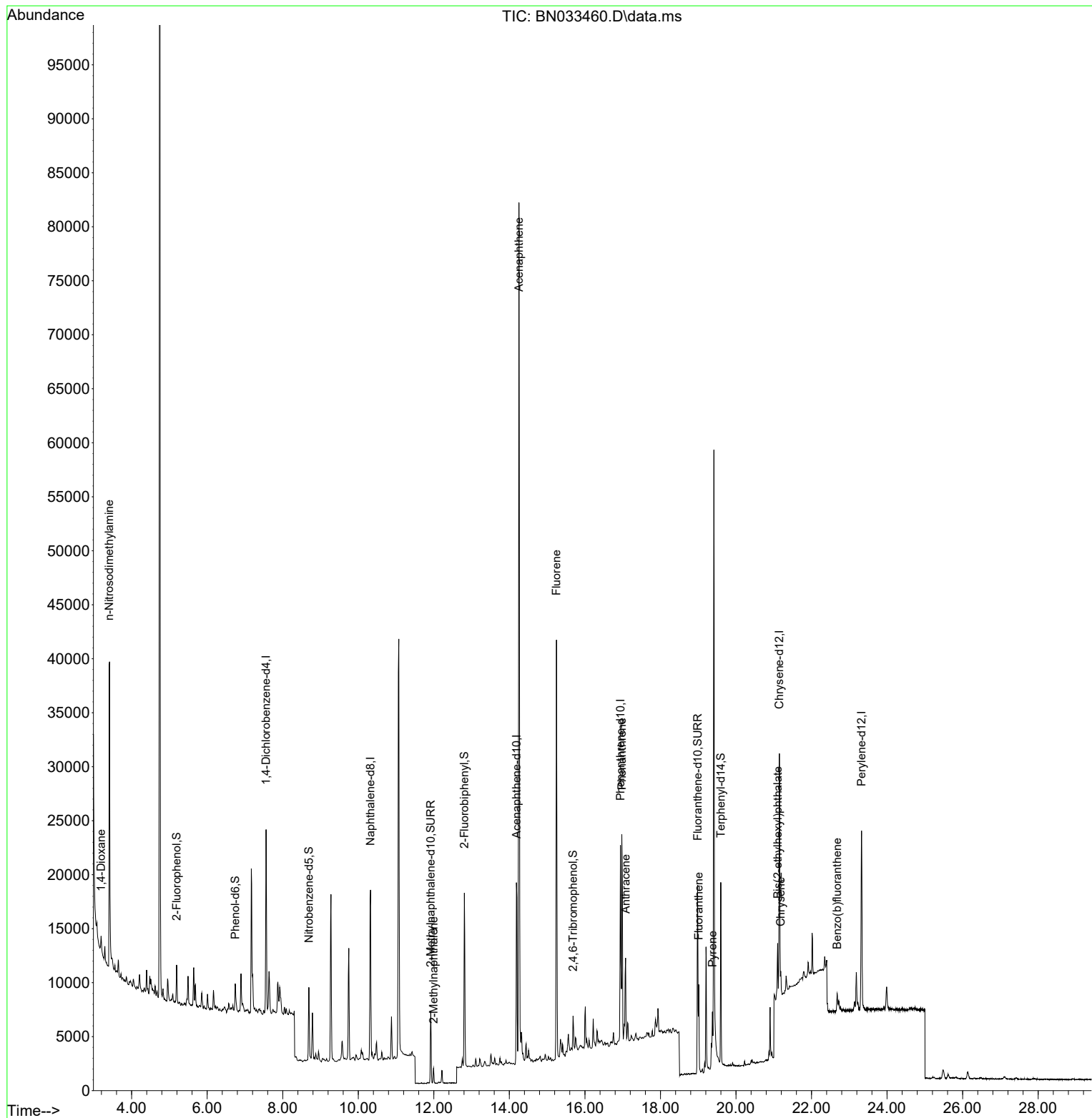
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7588	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20860	0.400	ng	#-0.01
13) Acenaphthene-d10	14.189	164	10565	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	22174	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	19286	0.400	ng	0.00
35) Perylene-d12	23.323	264	20354	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	2684	0.128	ng	0.00
5) Phenol-d6	6.743	99	2019	0.071	ng	0.00
8) Nitrobenzene-d5	8.691	82	5046	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	8726	0.272	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1299	0.240	ng	-0.01
15) 2-Fluorobiphenyl	12.809	172	13389	0.309	ng	-0.01
27) Fluoranthene-d10	18.984	212	18571	0.313	ng	0.00
31) Terphenyl-d14	19.597	244	15232	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	702	0.083	ng	# 1
3) n-Nitrosodimethylamine	3.407	42	4864	0.448	ng	# 1
12) 2-Methylnaphthalene	11.994	142	974	0.025	ng	# 89
17) Acenaphthene	14.253	154	39641	1.172	ng	98
18) Fluorene	15.247	166	23800	0.534	ng	100
25) Phenanthrene	16.979	178	20635	0.322	ng	100
26) Anthracene	17.078	178	8547	0.151	ng	97
28) Fluoranthene	19.012	202	7109	0.090	ng	98
30) Pyrene	19.379	202	4728	0.062	ng	# 94
33) Chrysene	21.184	228	1935	0.027	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.103	149	4497	0.137	ng	# 93
37) Benzo(b)fluoranthene	22.680	252	2317	0.030	ng	# 1

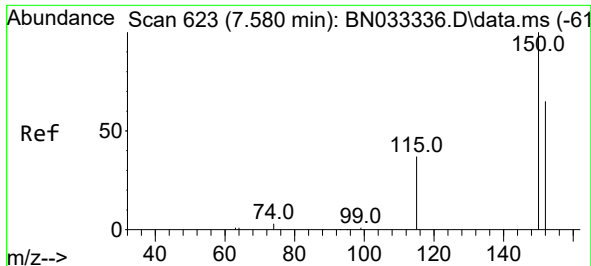
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
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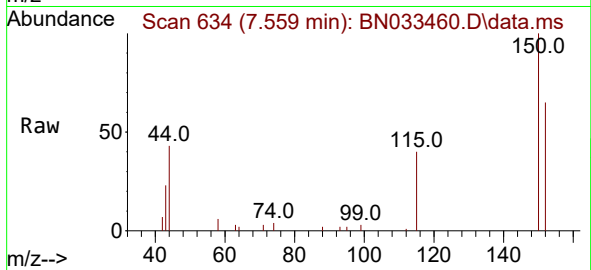
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



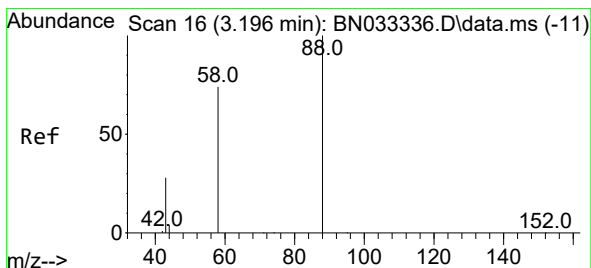
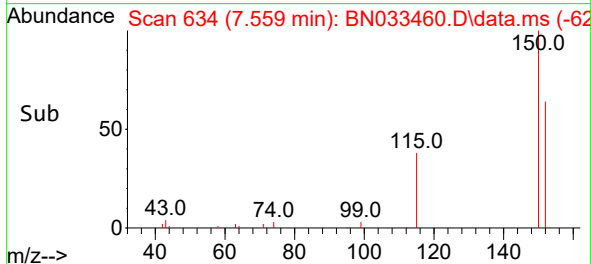
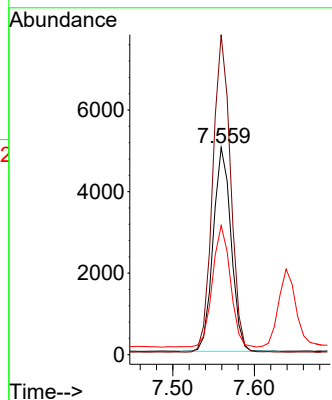


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324

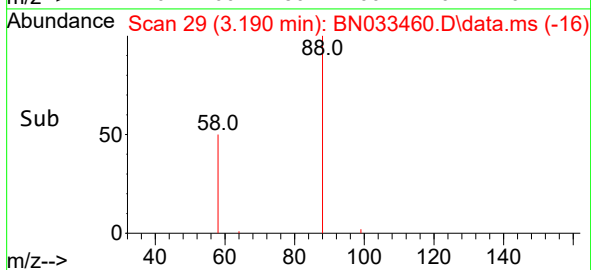
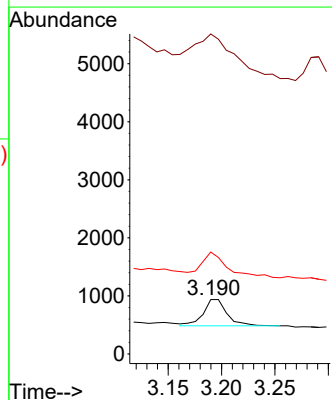
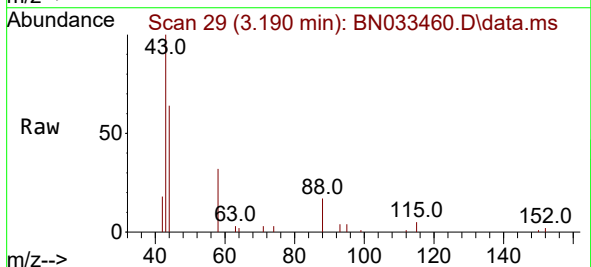


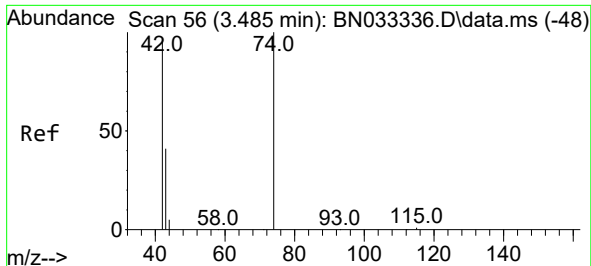
Tgt Ion:152 Resp: 7588
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.3 183.5
 115 62.3 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.083 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

Tgt Ion: 88 Resp: 702
 Ion Ratio Lower Upper
 88 100
 43 299.6 30.6 46.0#
 58 106.0 64.5 96.7#

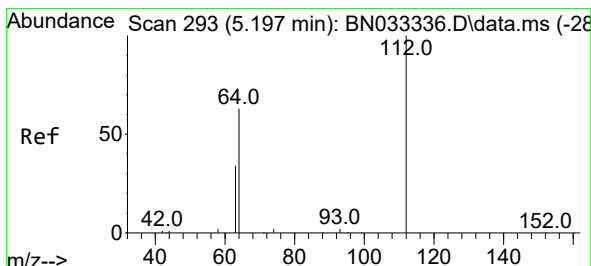
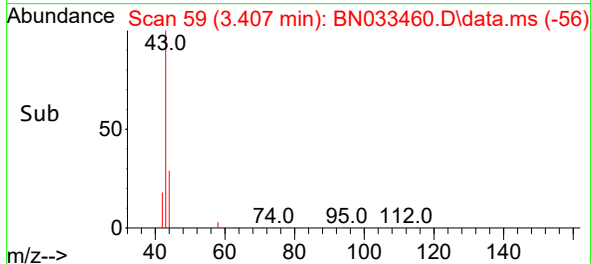
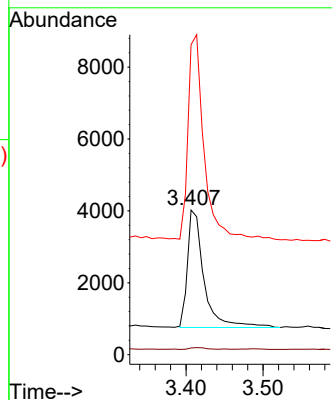
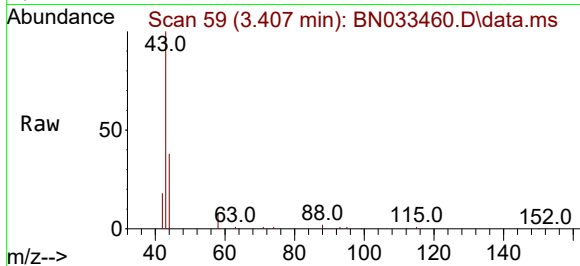




#3
n-Nitrosodimethylamine
Concen: 0.448 ng
RT: 3.407 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

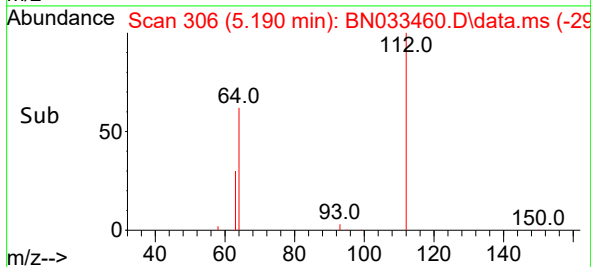
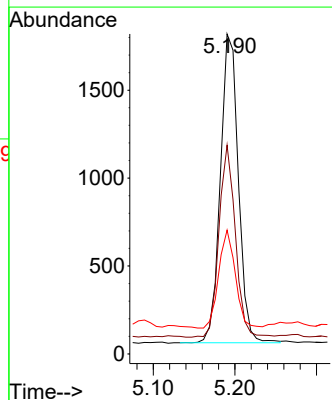
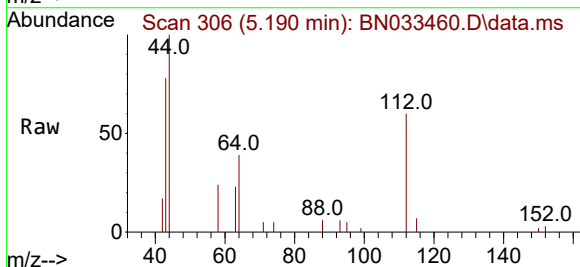
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

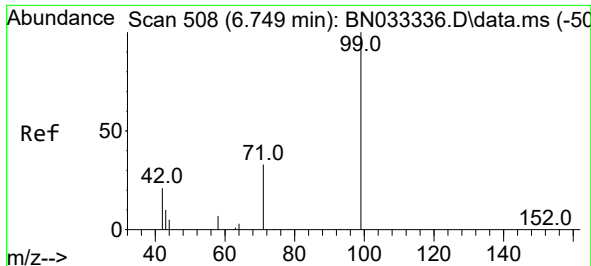
Tgt Ion: 42 Resp: 4864
Ion Ratio Lower Upper
42 100
74 1.5 89.0 133.6#
44 173.1 11.0 16.4#



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.190 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

Tgt Ion: 112 Resp: 2684
Ion Ratio Lower Upper
112 100
64 56.6 48.1 72.1
63 29.3 25.4 38.2

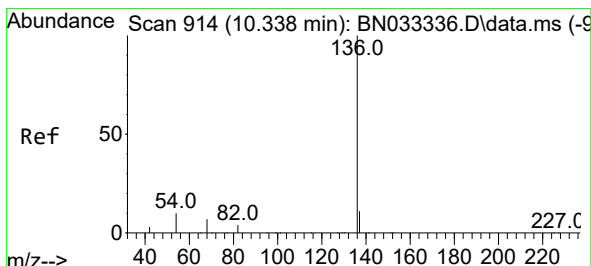
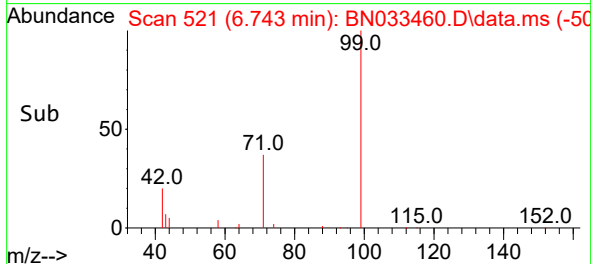
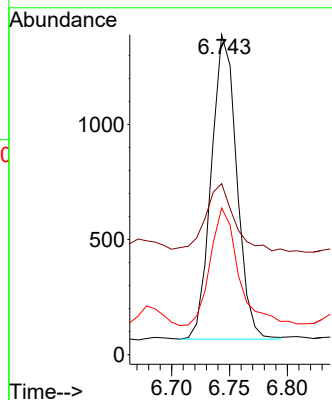
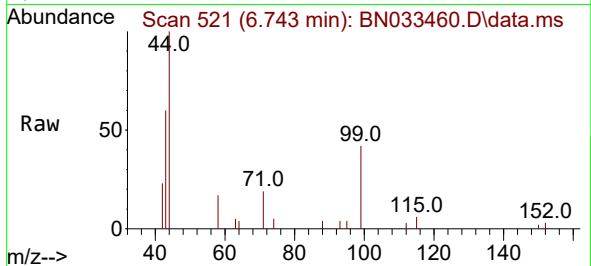




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

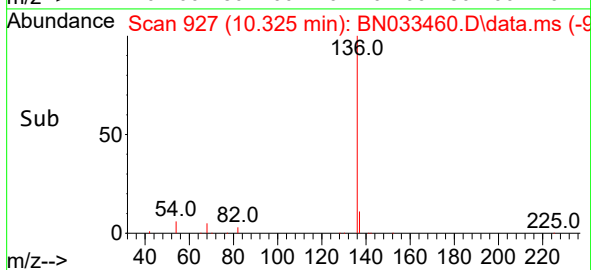
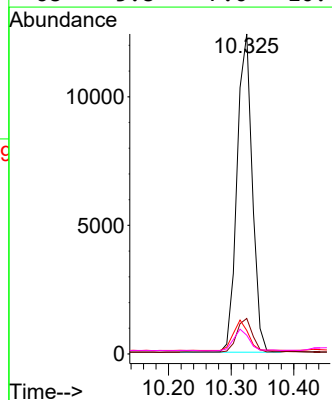
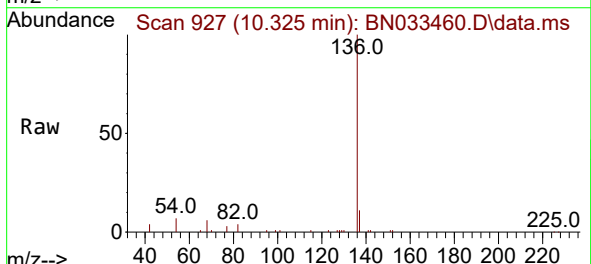
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

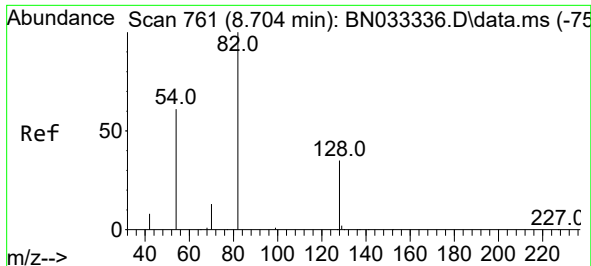
Tgt Ion: 99 Resp: 2019
Ion Ratio Lower Upper
99 100
42 25.1 18.5 27.7
71 43.4 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

Tgt Ion: 136 Resp: 20860
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 9.4 14.0#
68 5.8 7.0 10.4#

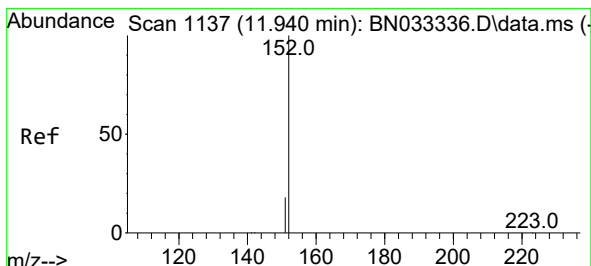
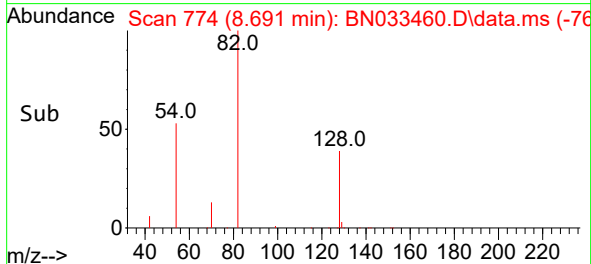
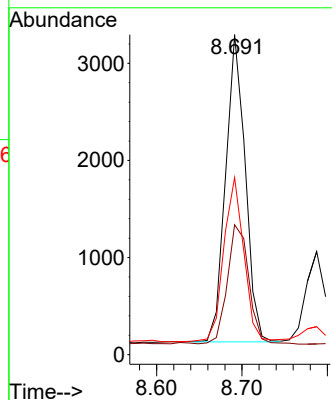
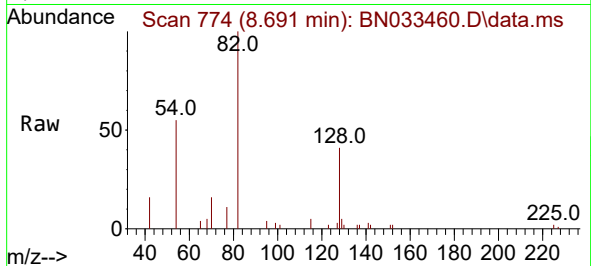




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.691 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

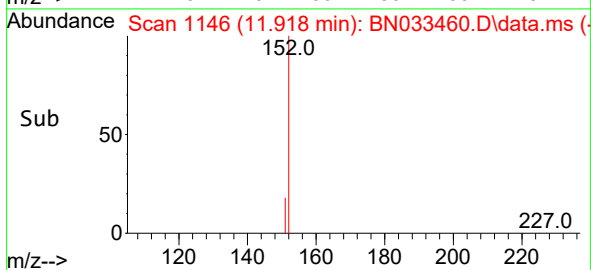
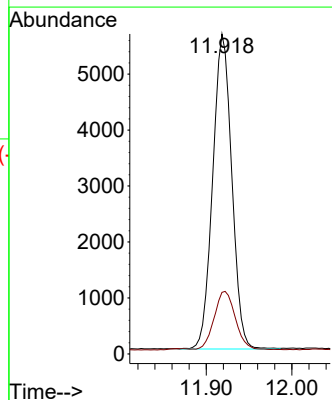
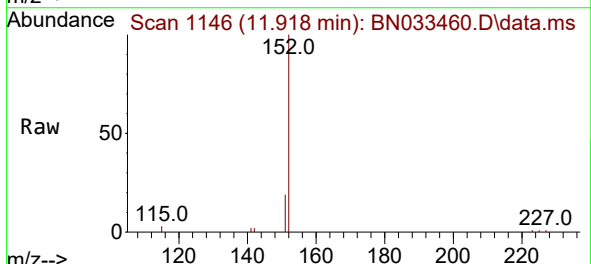
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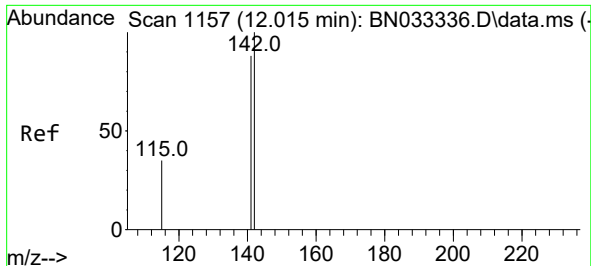
Tgt Ion:	82	Resp:	5046
Ion Ratio	Lower	Upper	
82	100		
128	40.6	29.0	43.4
54	55.3	50.2	75.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 11.918 min Scan# 1146
 Delta R.T. -0.011 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

Tgt Ion:	152	Resp:	8726
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.7	25.1

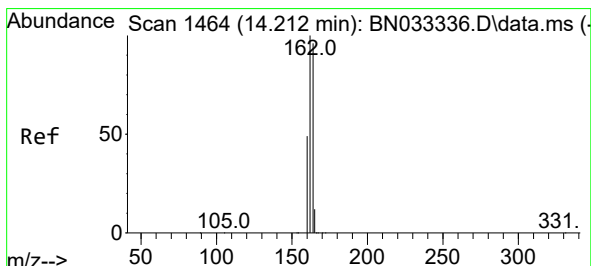
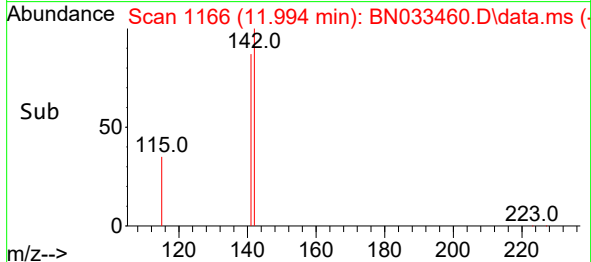
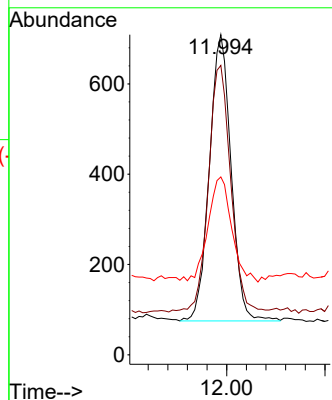
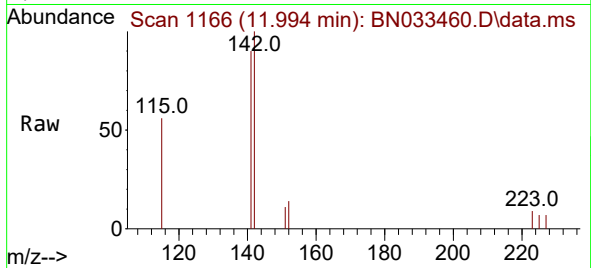




#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 11.994 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

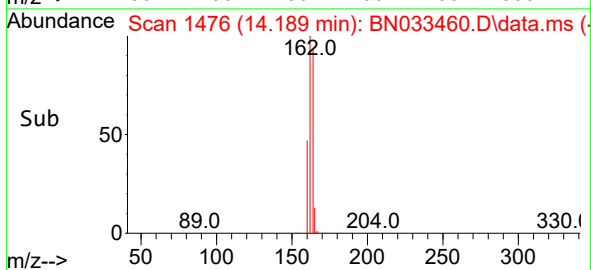
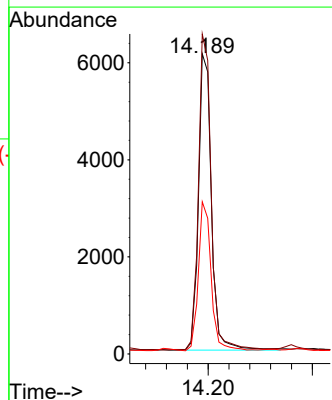
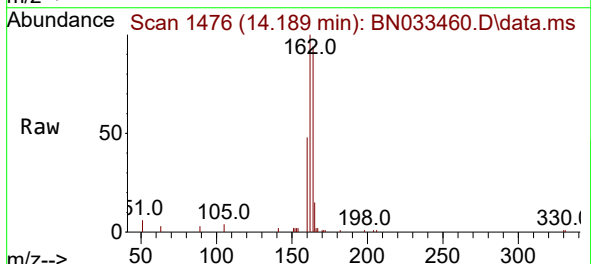
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

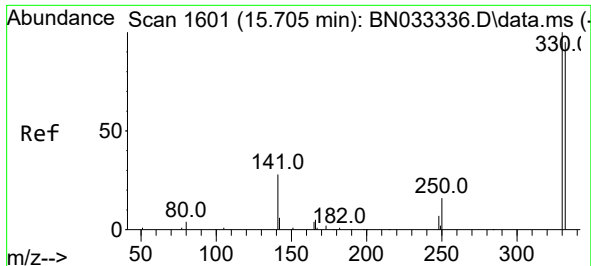
Tgt Ion:142 Resp: 974
Ion Ratio Lower Upper
142 100
141 90.4 70.2 105.4
115 55.6 29.3 43.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

Tgt Ion:164 Resp: 10565
Ion Ratio Lower Upper
164 100
162 106.6 83.1 124.7
160 50.7 41.1 61.7

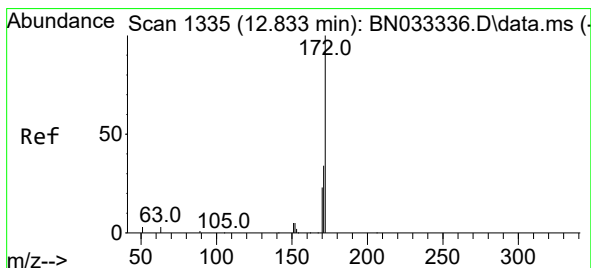
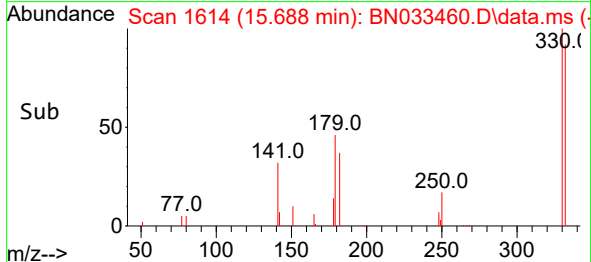
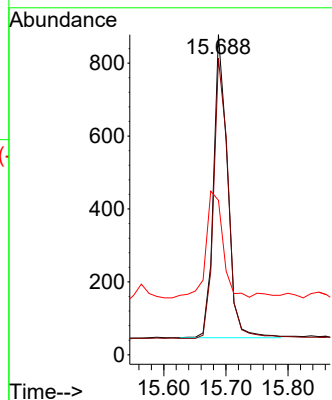
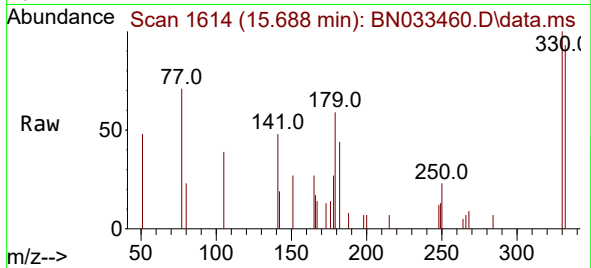




#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

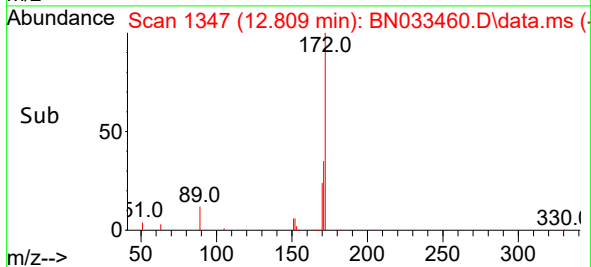
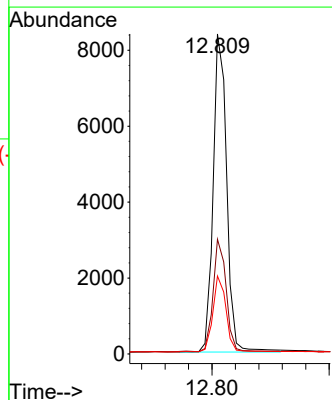
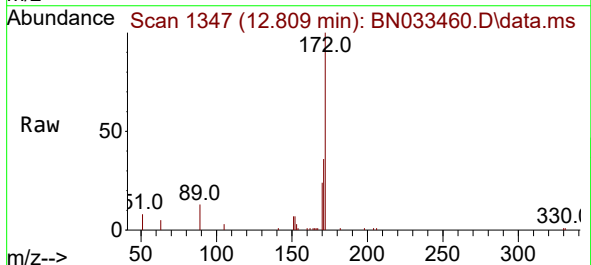
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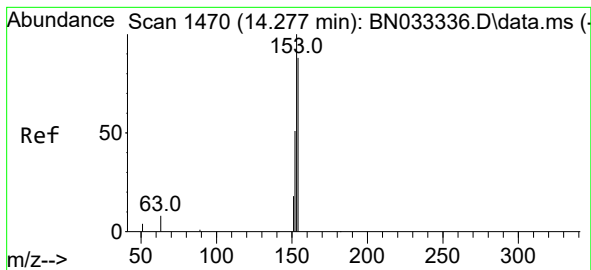
Tgt Ion:330 Resp: 1299
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 42.8 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

Tgt Ion:172 Resp: 13389
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 24.4 18.7 28.1





#17

Acenaphthene

Concen: 1.172 ng

RT: 14.253 min Scan# 1482

Delta R.T. -0.011 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

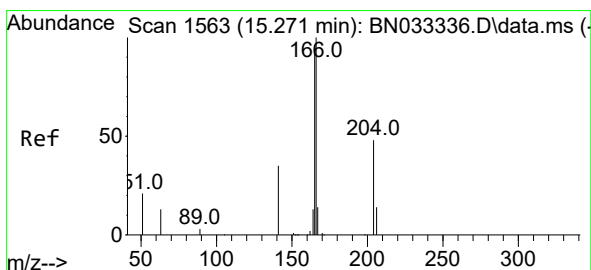
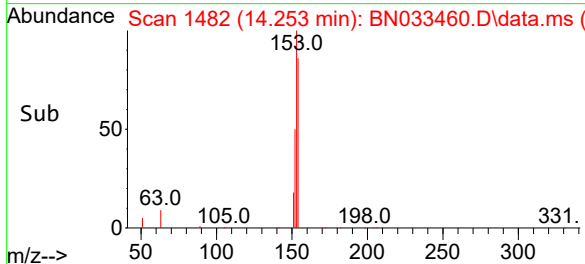
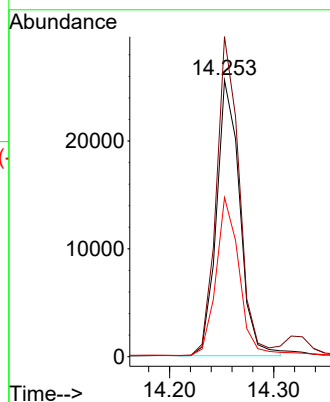
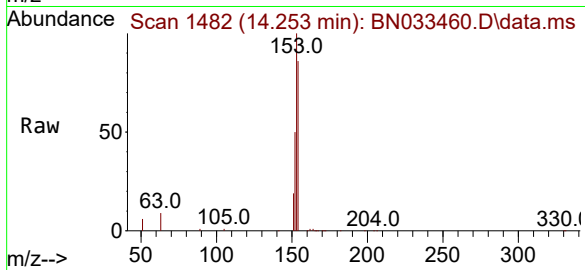
Tgt Ion:154 Resp: 39641

Ion Ratio Lower Upper

154 100

153 113.1 89.7 134.5

152 56.4 47.2 70.8



#18

Fluorene

Concen: 0.534 ng

RT: 15.247 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

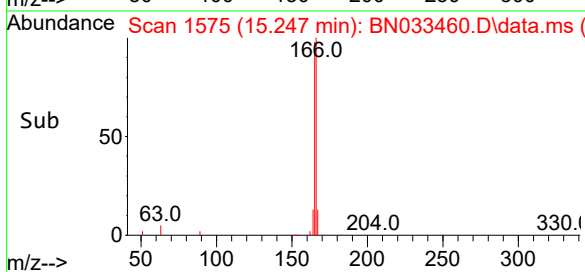
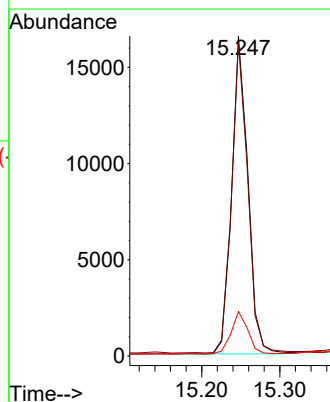
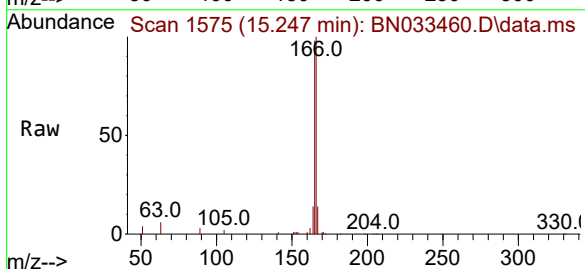
Tgt Ion:166 Resp: 23800

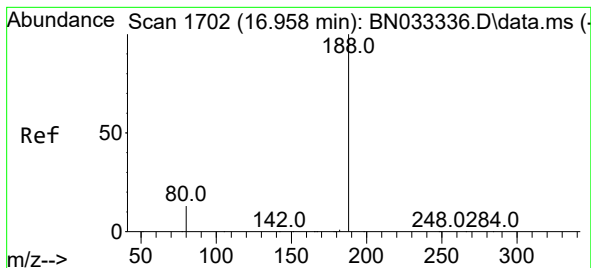
Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.9 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.013 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

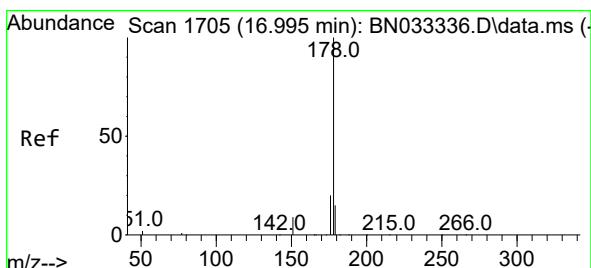
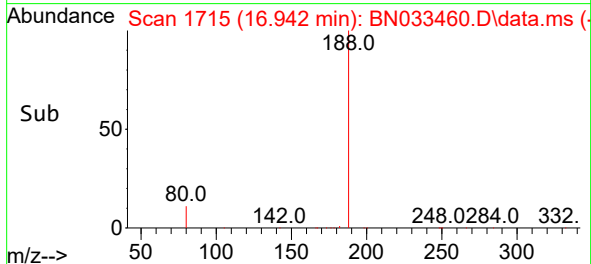
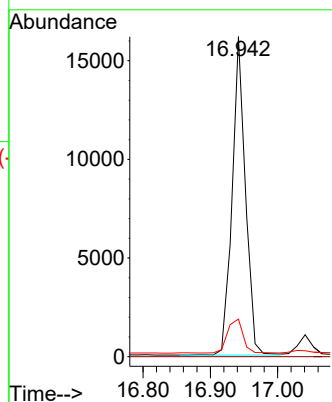
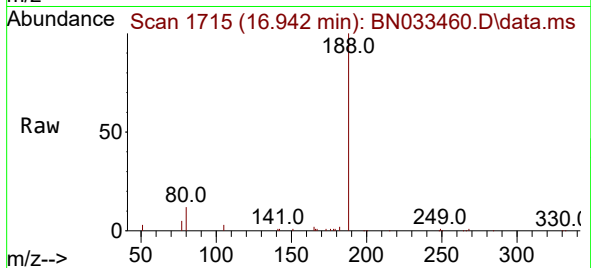
Tgt Ion:188 Resp: 22174

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 10.7 16.1



#25

Phenanthrene

Concen: 0.322 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.013 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

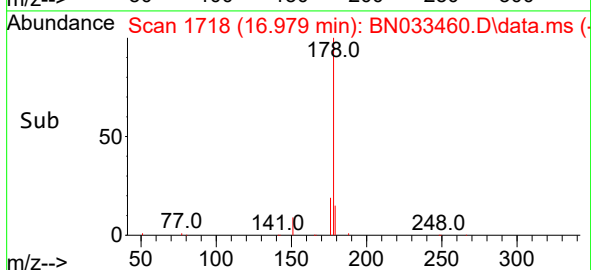
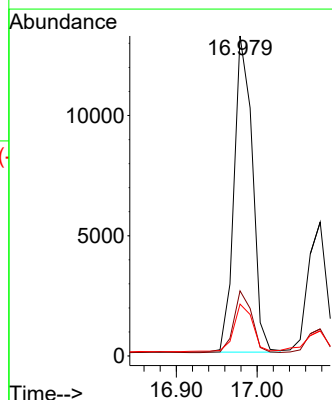
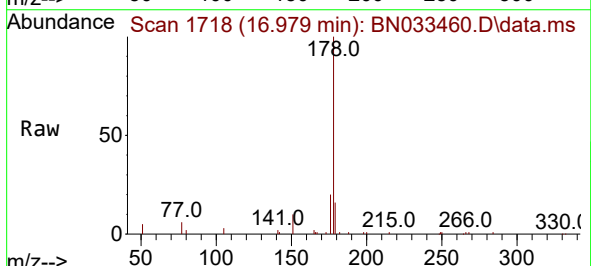
Tgt Ion:178 Resp: 20635

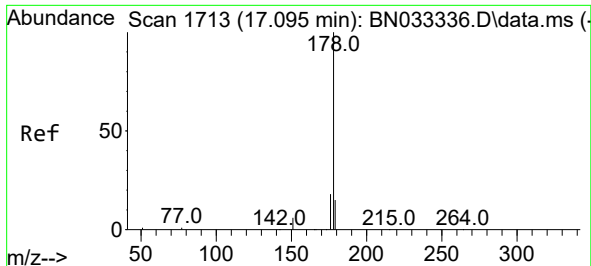
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.2 18.2

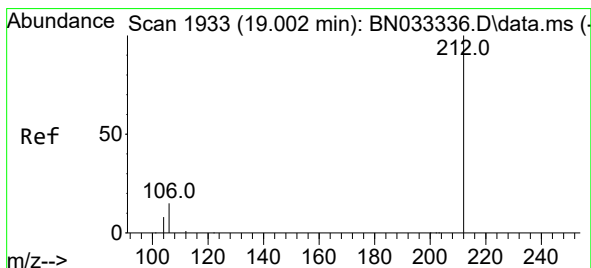
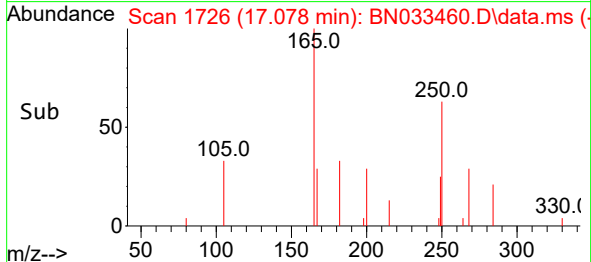
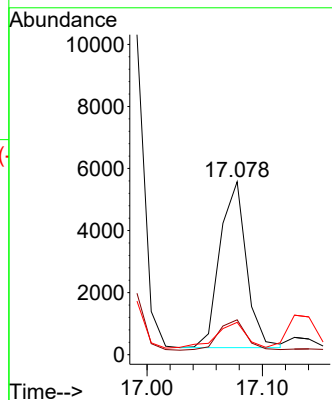
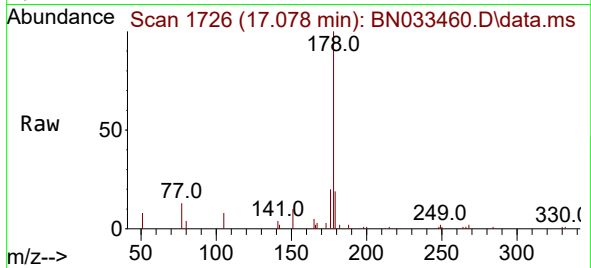




#26
 Anthracene
 Concen: 0.151 ng
 RT: 17.078 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

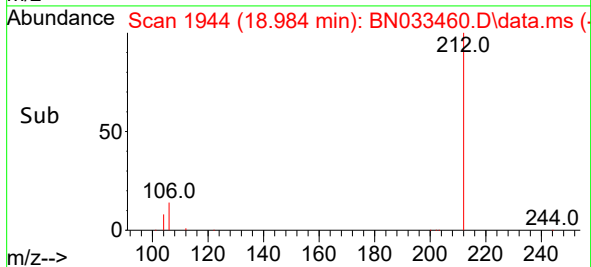
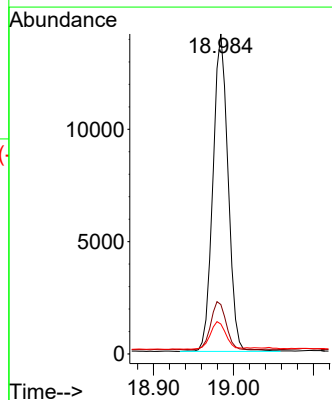
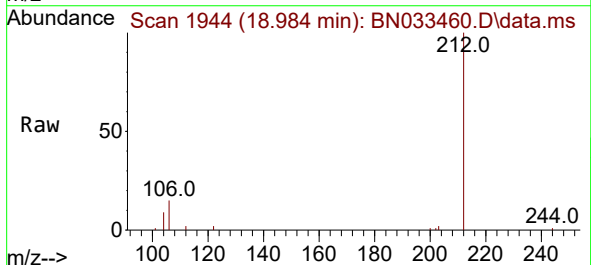
Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324

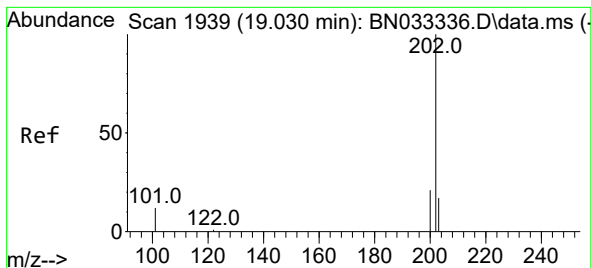
Tgt Ion:178 Resp: 8547
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.7 22.1
 179 17.2 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.313 ng
 RT: 18.984 min Scan# 1944
 Delta R.T. -0.009 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

Tgt Ion:212 Resp: 18571
 Ion Ratio Lower Upper
 212 100
 106 15.2 12.8 19.2
 104 8.8 7.1 10.7





#28

Fluoranthene

Concen: 0.090 ng

RT: 19.012 min Scan# 1939

Delta R.T. -0.009 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

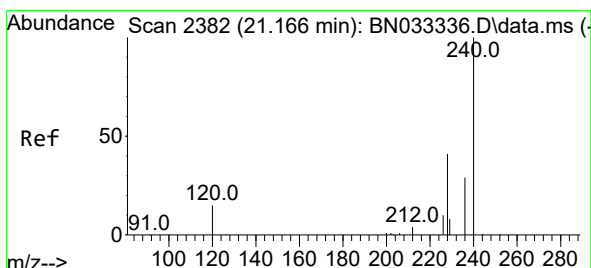
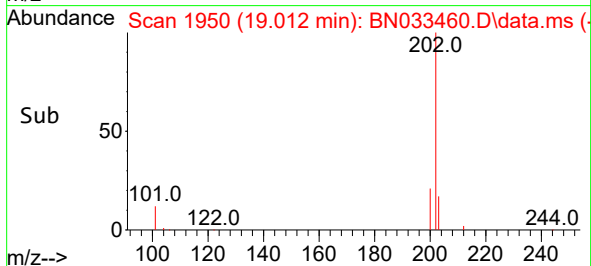
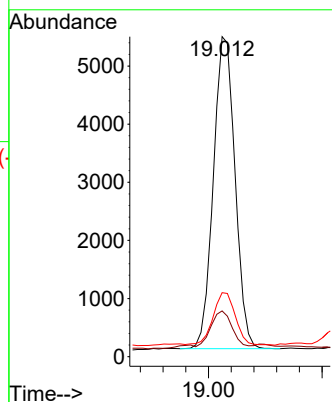
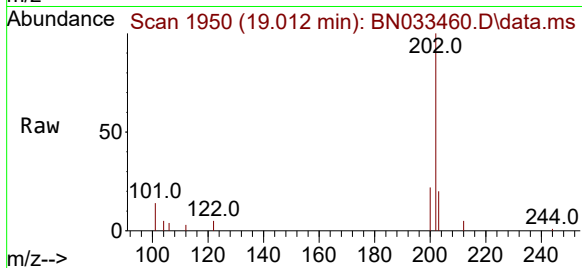
Tgt Ion:202 Resp: 7109

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.6

203 17.0 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: BN033460.D

Acq: 17 Aug 2024 09:40

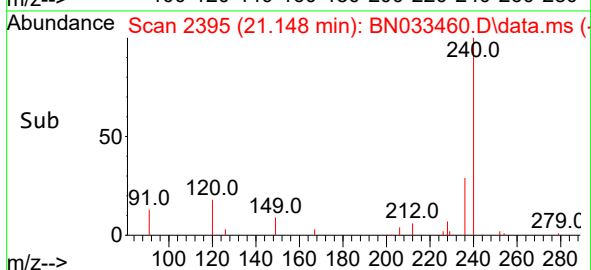
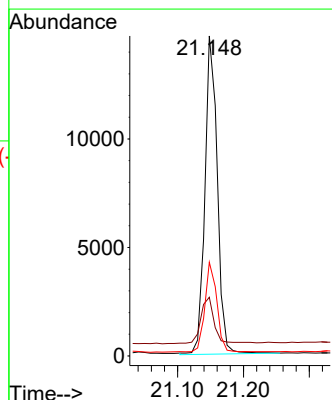
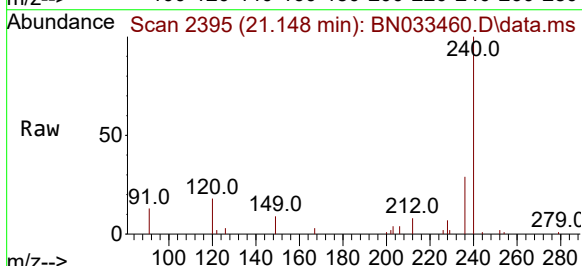
Tgt Ion:240 Resp: 19286

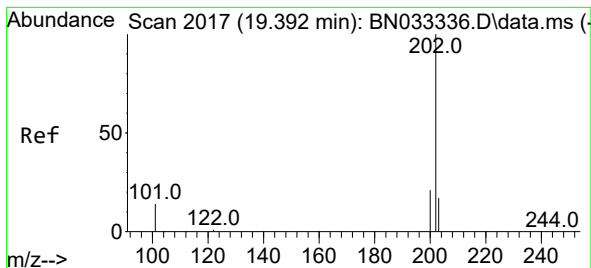
Ion Ratio Lower Upper

240 100

120 18.3 13.0 19.6

236 29.3 23.2 34.8





#30

Pyrene

Concen: 0.062 ng

RT: 19.379 min Scan# 2017

Delta R.T. -0.005 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

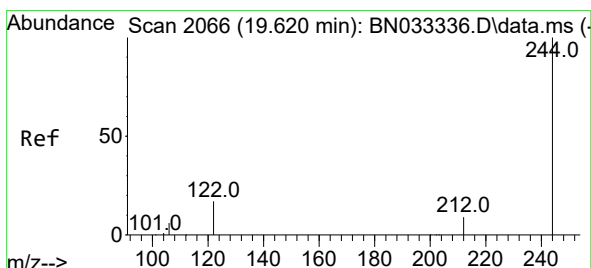
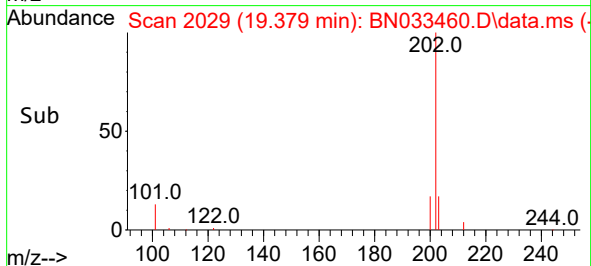
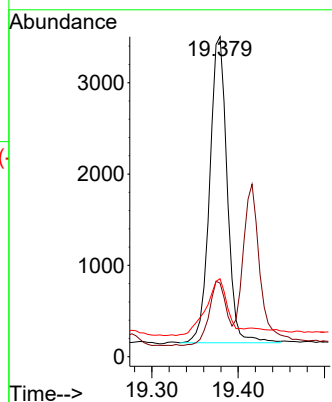
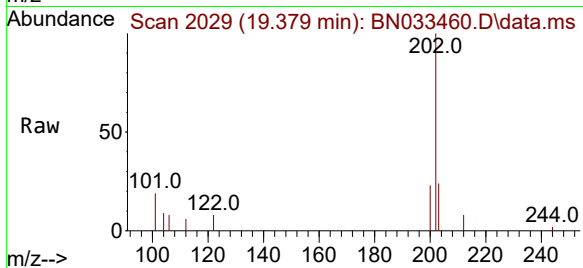
Tgt Ion:202 Resp: 4728

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 23.1 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.418 ng

RT: 19.597 min Scan# 2076

Delta R.T. -0.009 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

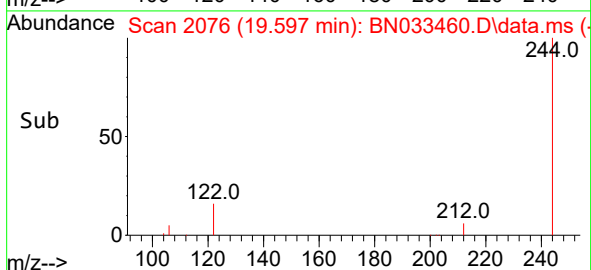
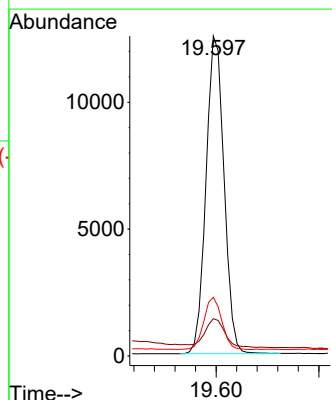
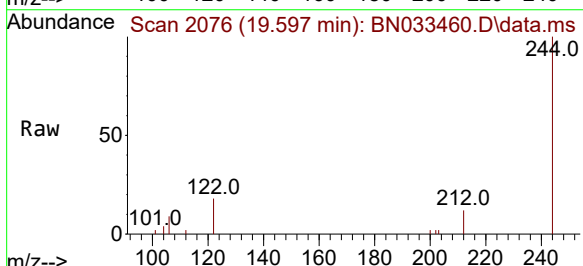
Tgt Ion:244 Resp: 15232

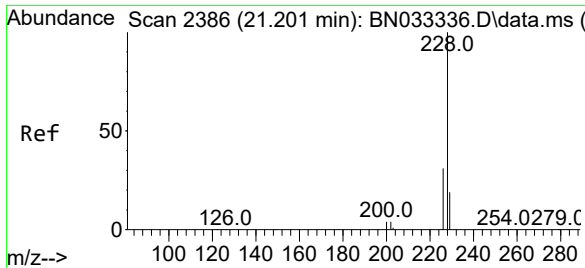
Ion Ratio Lower Upper

244 100

212 11.7 7.7 11.5#

122 18.4 14.0 21.0





#33

Chrysene

Concen: 0.027 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

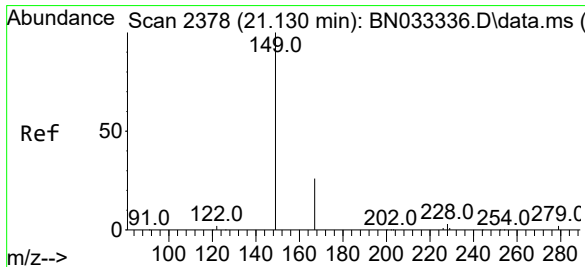
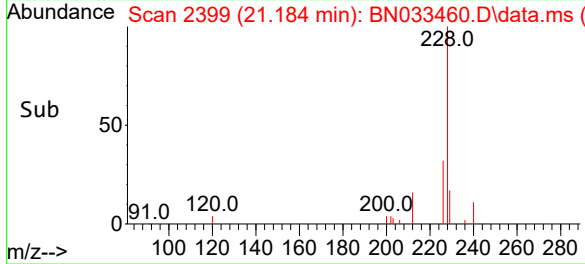
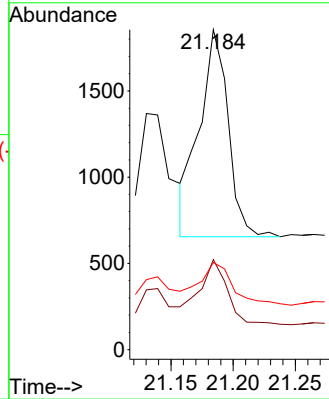
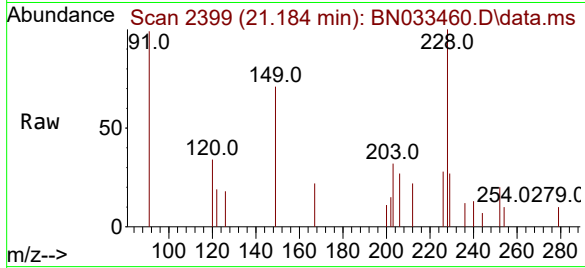
Tgt Ion:228 Resp: 1935

Ion Ratio Lower Upper

228 100

226 28.1 24.7 37.1

229 27.2 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.103 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

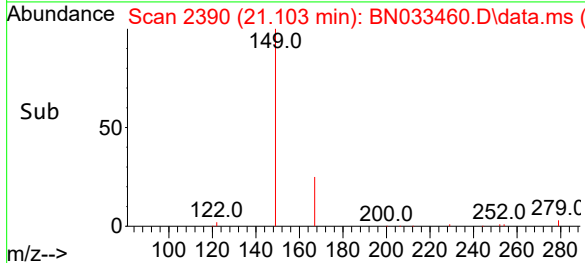
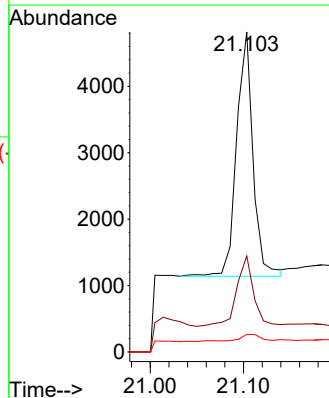
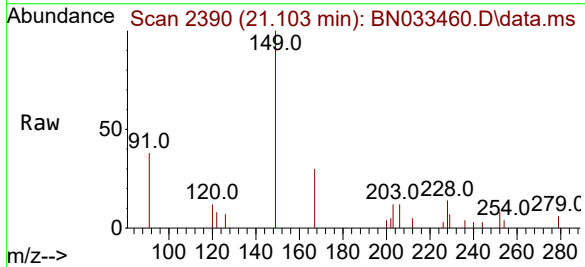
Tgt Ion:149 Resp: 4497

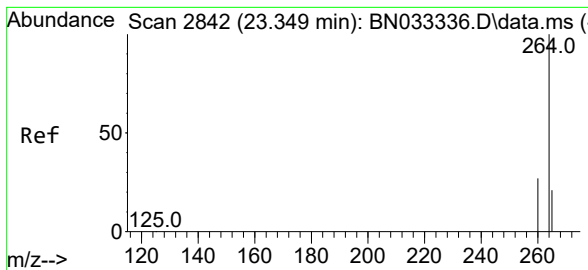
Ion Ratio Lower Upper

149 100

167 29.9 20.9 31.3

279 5.2 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.323 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

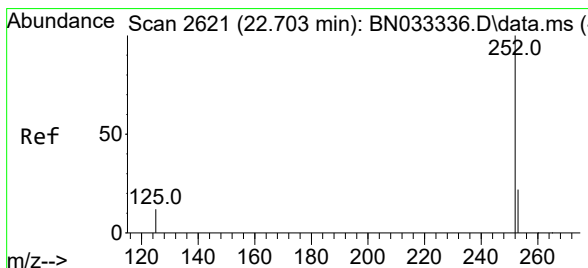
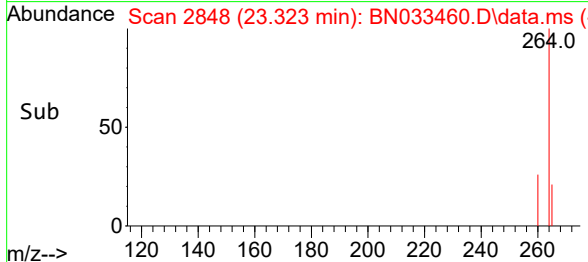
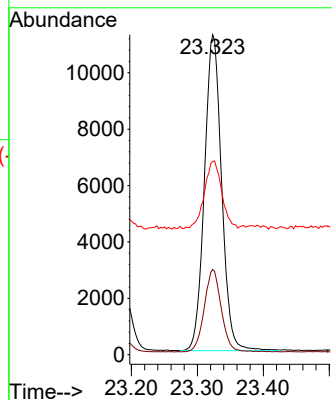
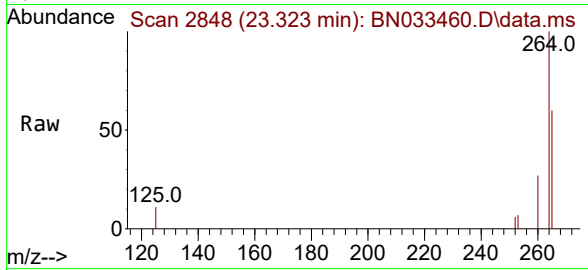
Tgt Ion:264 Resp: 20354

Ion Ratio Lower Upper

264 100

260 26.7 21.6 32.4

265 60.4 29.3 43.9#



#37

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.680 min Scan# 2628

Delta R.T. -0.006 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

Tgt Ion:252 Resp: 2317

Ion Ratio Lower Upper

252 100

253 58.2 18.2 27.2#

125 76.2 11.3 16.9#

