

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033443.D
 Acq On : 16 Aug 2024 22:40
 Operator : MA/JU
 Sample : P3620-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 915-J-WPO-0.25-081424

Quant Time: Aug 17 00:47:08 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)

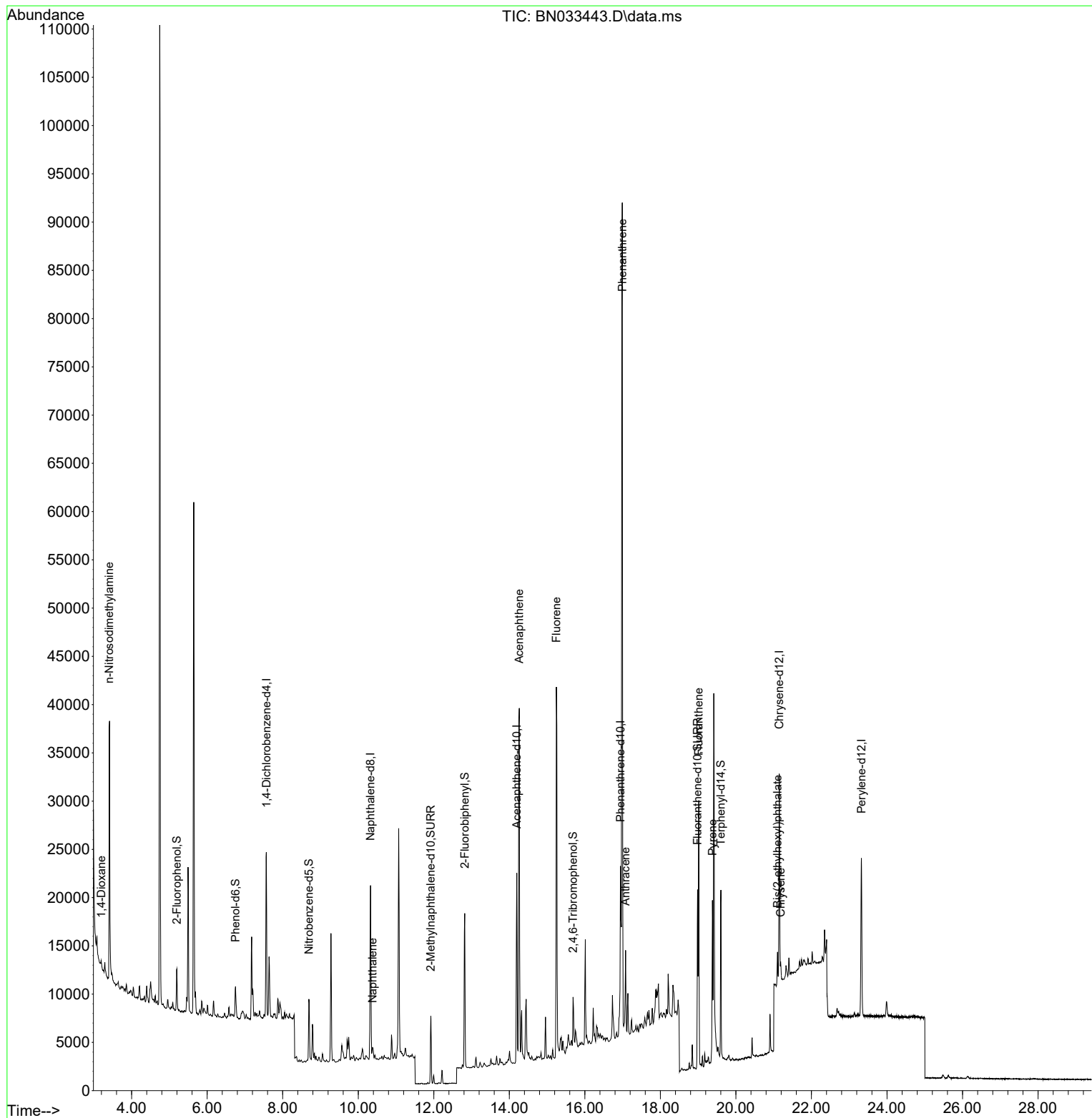
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	8002	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	21841	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	11024	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	22708	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	19395	0.400	ng	0.00
35) Perylene-d12	23.323	264	19845	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3317	0.150	ng	0.00
5) Phenol-d6	6.750	99	2637	0.088	ng	0.00
8) Nitrobenzene-d5	8.691	82	5205	0.316	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	9218	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1977	0.350	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	14245	0.315	ng	0.00
27) Fluoranthene-d10	18.984	212	19221	0.317	ng	0.00
31) Terphenyl-d14	19.602	244	16290	0.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	220	0.025	ng	# 20
3) n-Nitrosodimethylamine	3.407	42	3683	0.322	ng	# 1
9) Naphthalene	10.378	128	1221	0.020	ng	# 75
17) Acenaphthene	14.263	154	19434	0.550	ng	98
18) Fluorene	15.247	166	28526	0.613	ng	89
25) Phenanthrene	16.991	178	97162	1.481	ng	100
26) Anthracene	17.078	178	7980	0.137	ng	# 93
28) Fluoranthene	19.017	202	23635	0.293	ng	99
30) Pyrene	19.379	202	14081	0.182	ng	# 95
33) Chrysene	21.184	228	1844	0.025	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.103	149	2739	0.083	ng	# 95

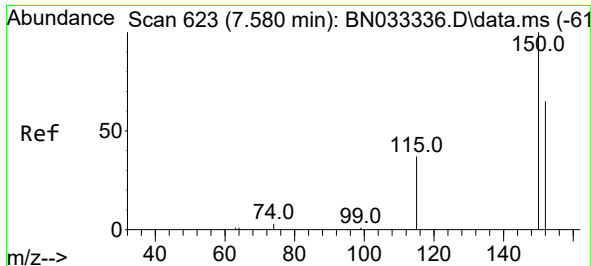
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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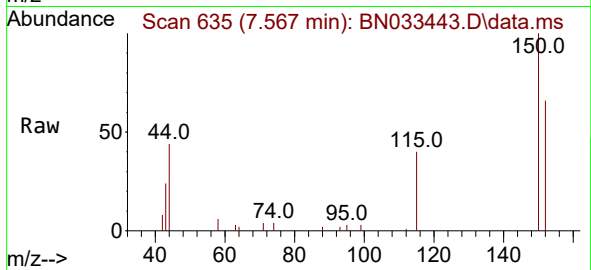
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



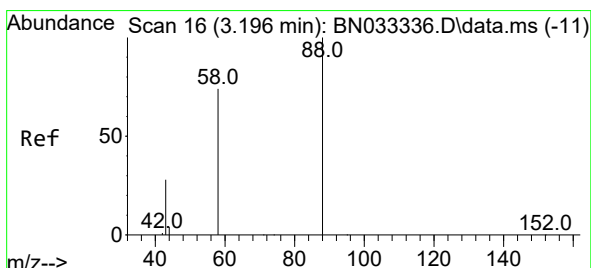
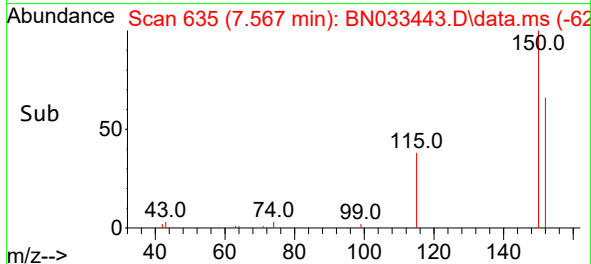
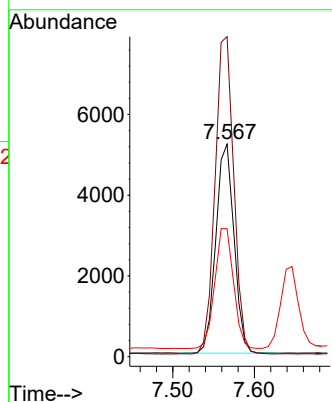


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033443.D
 Acq: 16 Aug 2024 22:40

Instrument :
 BNA_N
 ClientSampleId :
 915-J-WPO-0.25-081424

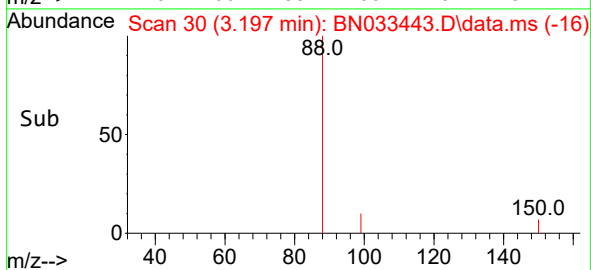
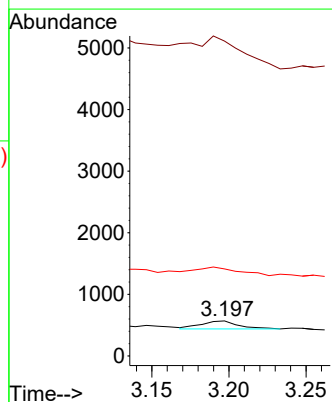
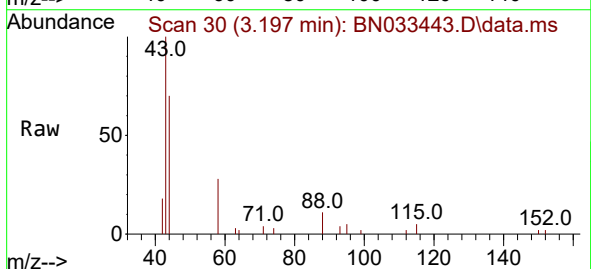


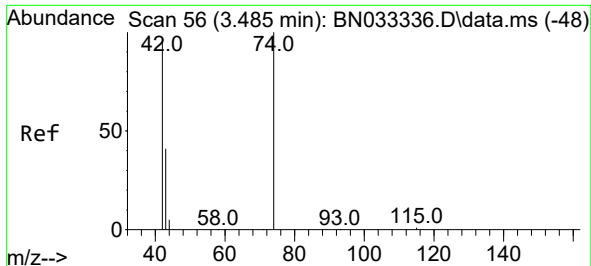
Tgt Ion:152 Resp: 8002
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.3 183.5
 115 60.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN033443.D
 Acq: 16 Aug 2024 22:40

Tgt Ion: 88 Resp: 220
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.6 46.0#
 58 158.6 64.5 96.7#

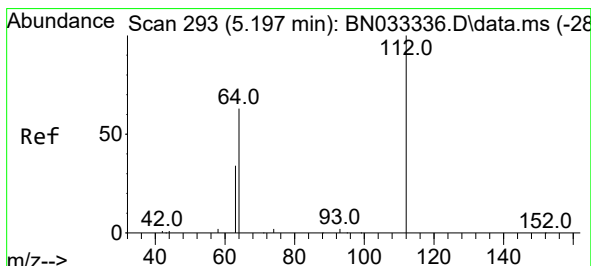
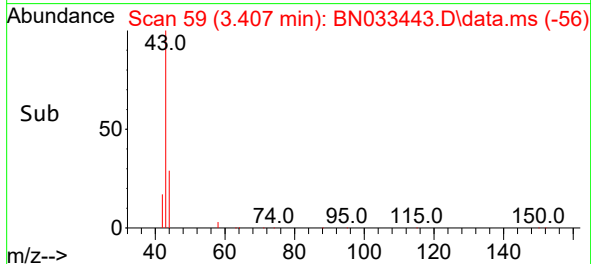
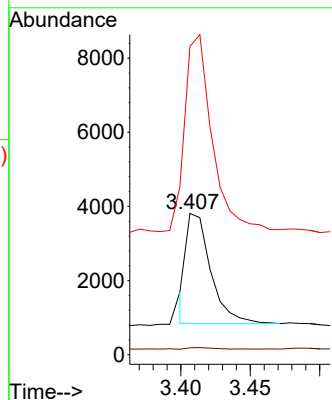
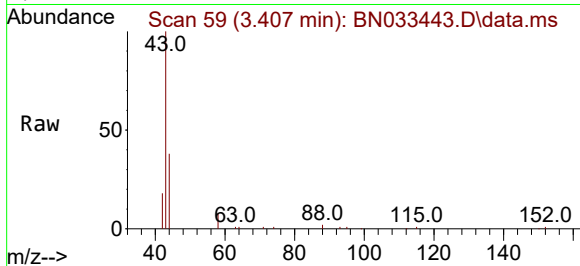




#3
n-Nitrosodimethylamine
Concen: 0.322 ng
RT: 3.407 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

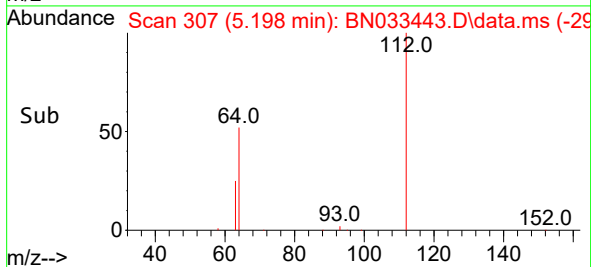
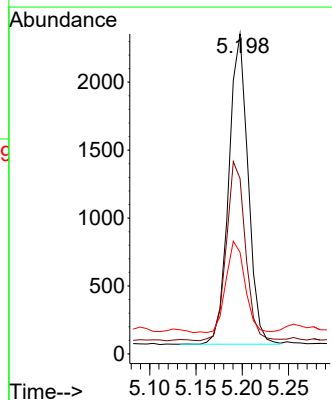
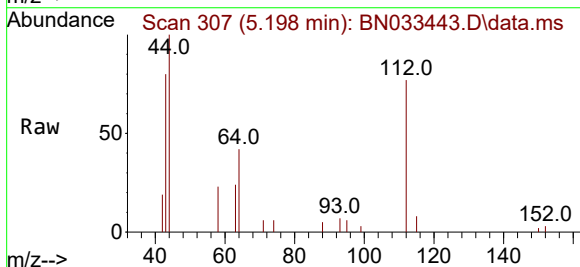
Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

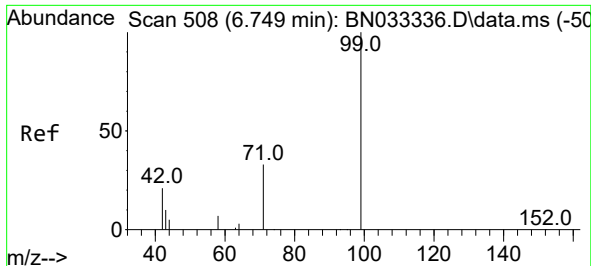
Tgt Ion: 42 Resp: 3683
Ion Ratio Lower Upper
42 100
74 1.7 89.0 133.6#
44 178.9 11.0 16.4#



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion: 112 Resp: 3317
Ion Ratio Lower Upper
112 100
64 57.1 48.1 72.1
63 28.9 25.4 38.2

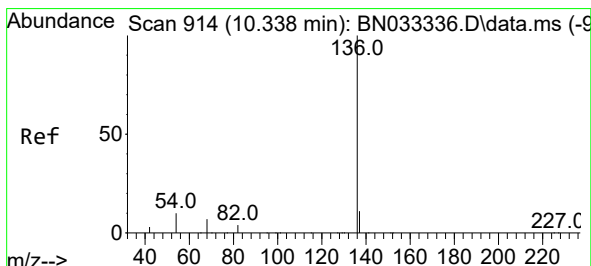
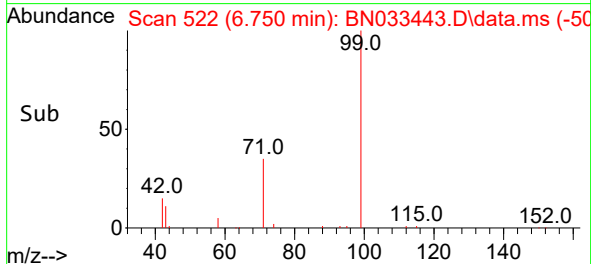
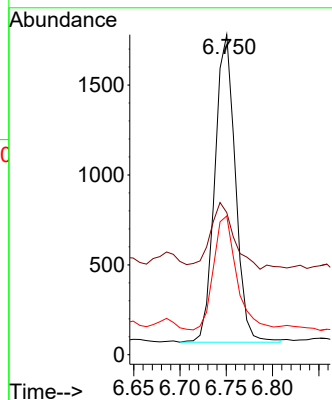
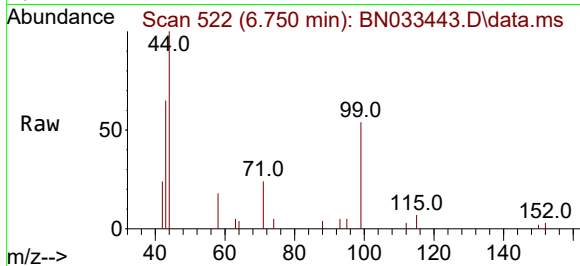




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

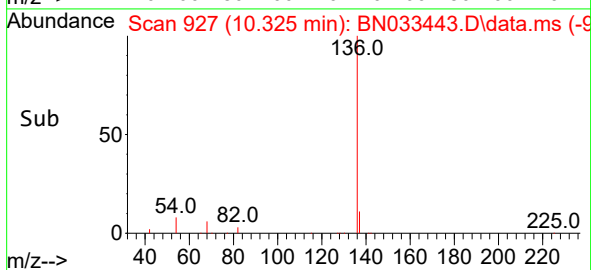
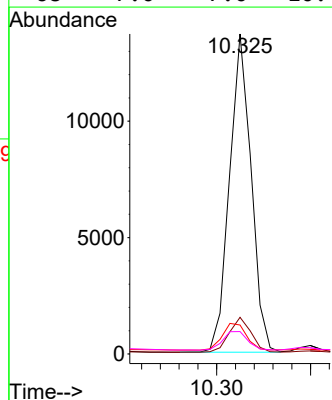
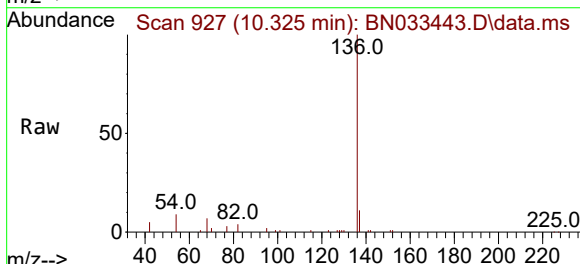
Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

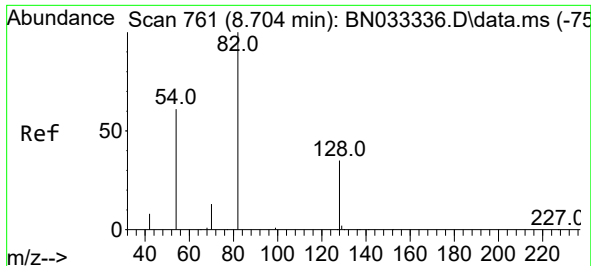
Tgt Ion: 99 Resp: 2637
Ion Ratio Lower Upper
99 100
42 25.0 18.5 27.7
71 41.8 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion: 136 Resp: 21841
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.1 9.4 14.0#
68 7.0 7.0 10.4

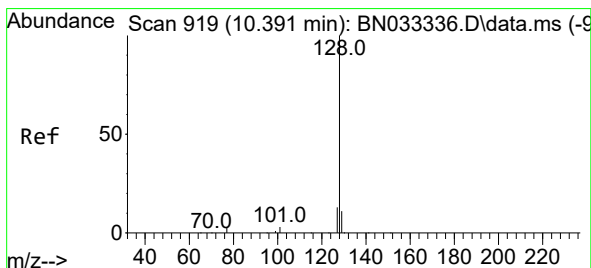
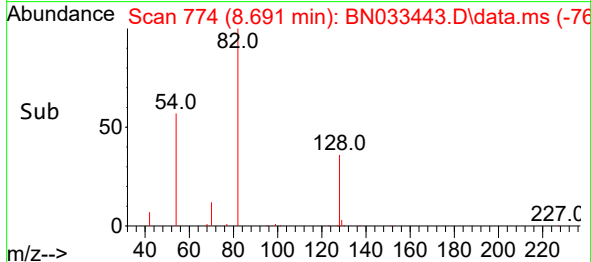
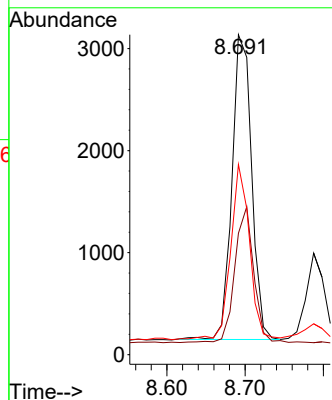
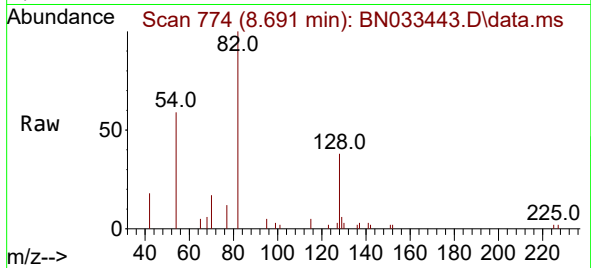




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

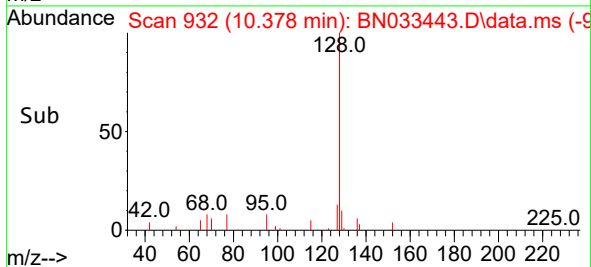
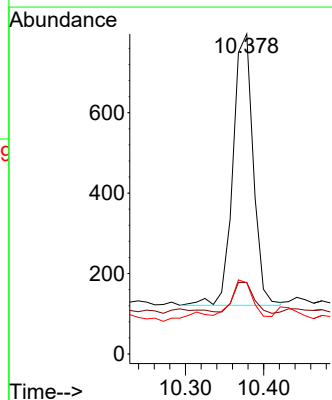
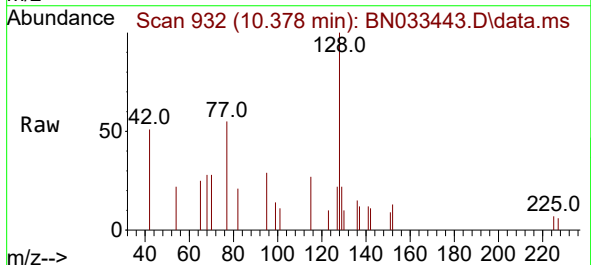
Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

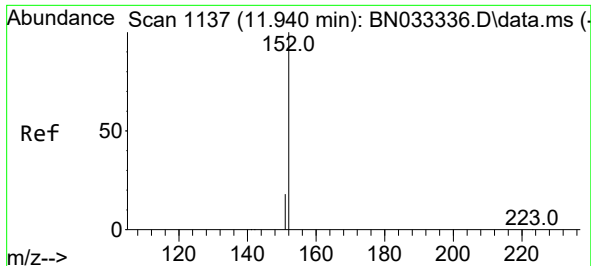
Tgt Ion: 82 Resp: 5205
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.4
54 59.5 50.2 75.4



#9
Naphthalene
Concen: 0.020 ng
RT: 10.378 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion:128 Resp: 1221
Ion Ratio Lower Upper
128 100
129 22.4 9.2 13.8#
127 22.2 10.6 15.8#

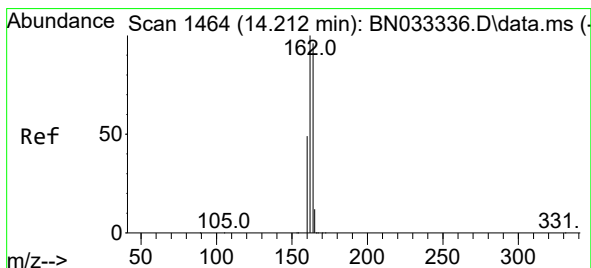
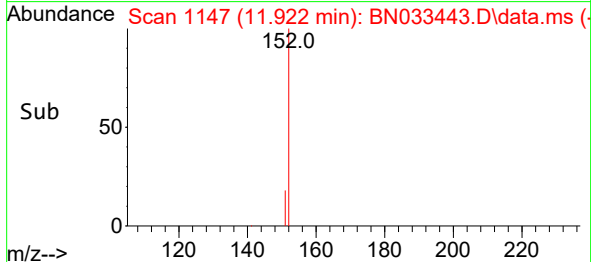
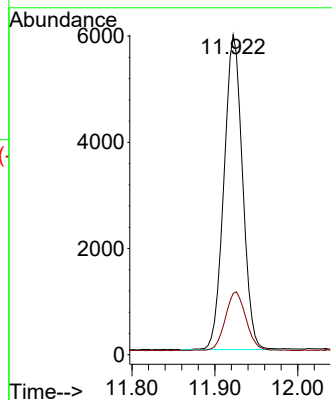
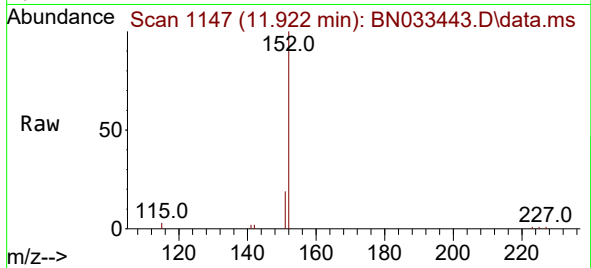




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 11.922 min Scan# 1137
Delta R.T. -0.008 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

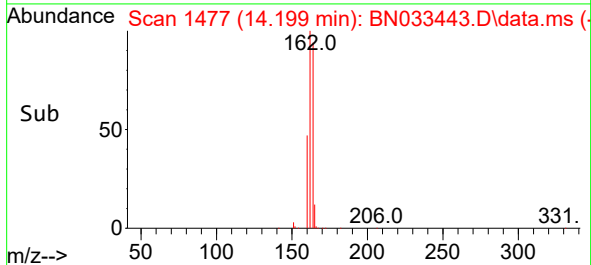
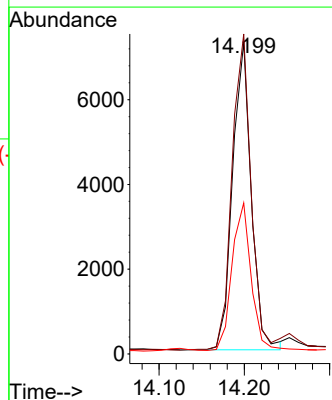
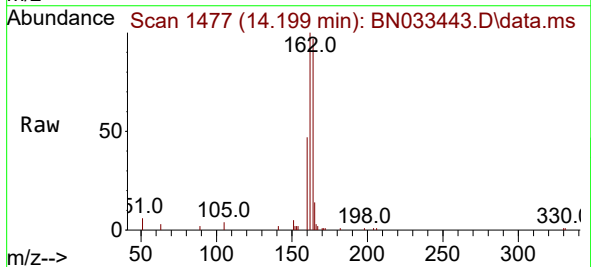
Instrument :
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ClientSampleId :
915-J-WPO-0.25-081424

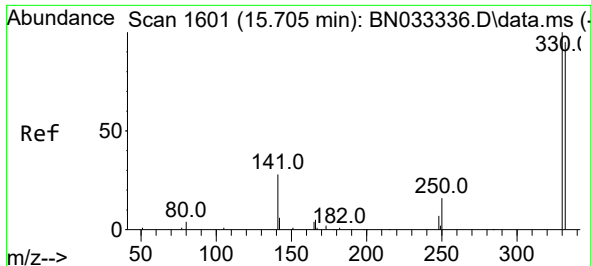
Tgt Ion:152 Resp: 9218
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

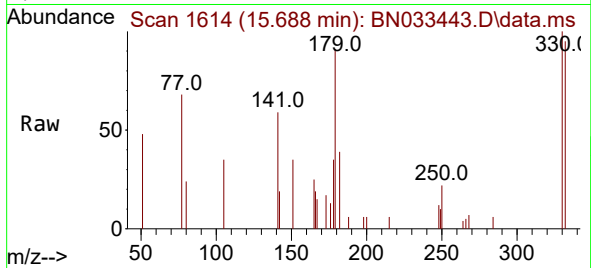
Tgt Ion:164 Resp: 11024
Ion Ratio Lower Upper
164 100
162 102.7 83.1 124.7
160 48.5 41.1 61.7



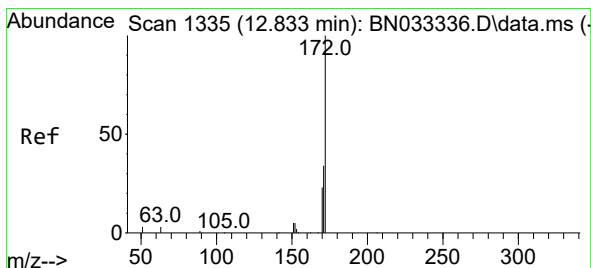
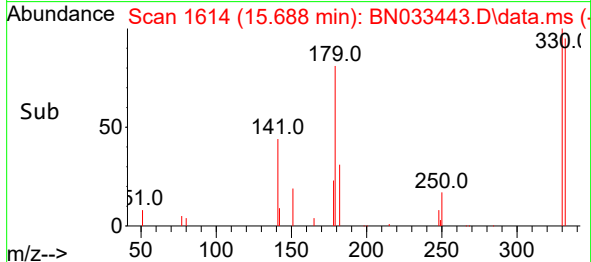
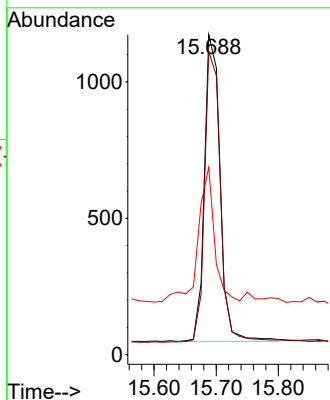


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

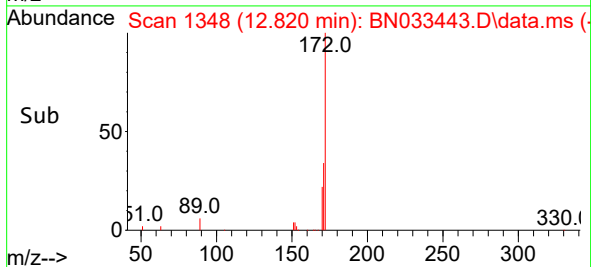
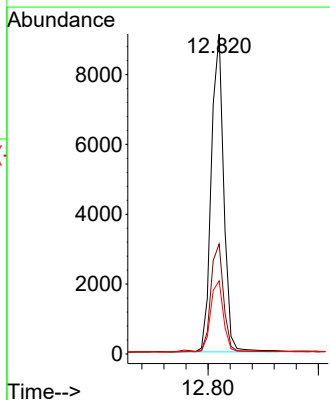
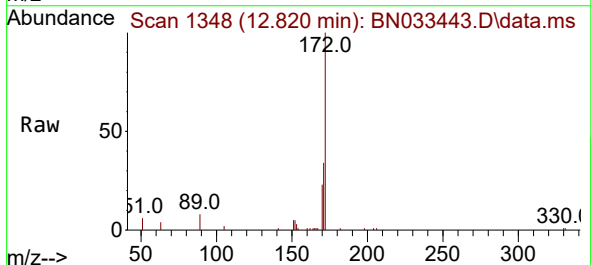


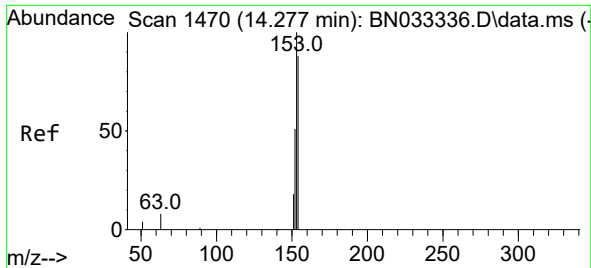
Tgt Ion:330 Resp: 1977
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 42.7 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion:172 Resp: 14245
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.9 18.7 28.1

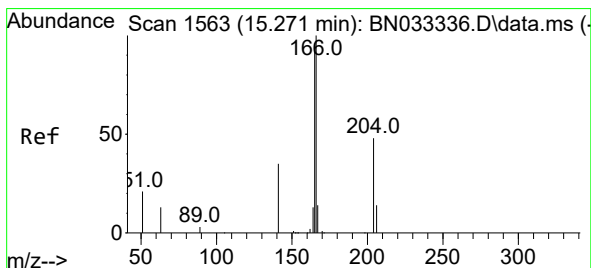
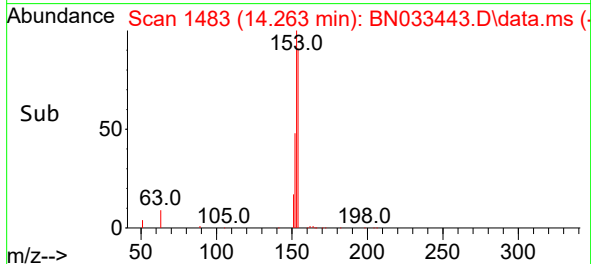
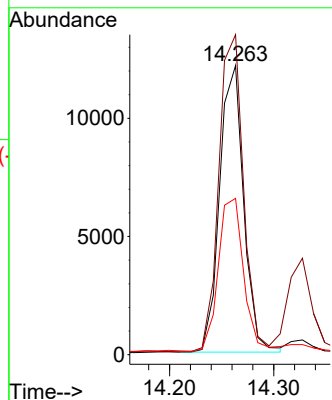
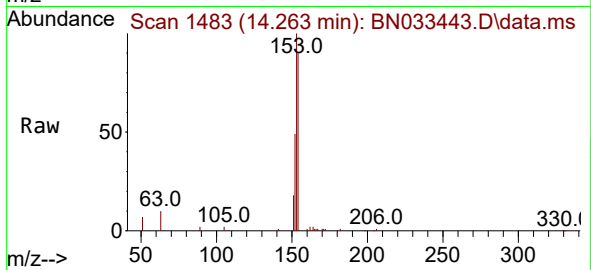




#17
Acenaphthene
Concen: 0.550 ng
RT: 14.263 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

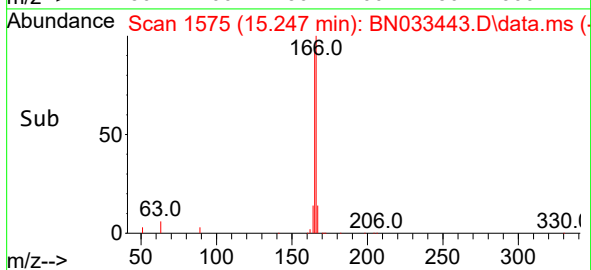
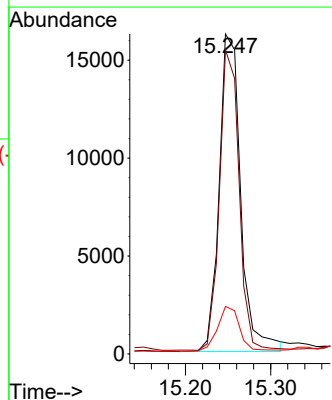
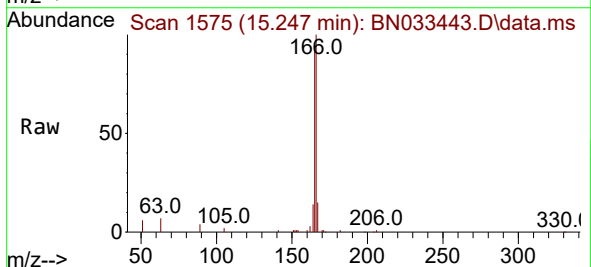
Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

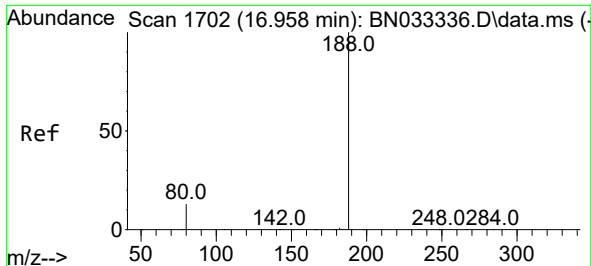
Tgt Ion:154 Resp: 19434
Ion Ratio Lower Upper
154 100
153 113.1 89.7 134.5
152 56.5 47.2 70.8



#18
Fluorene
Concen: 0.613 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion:166 Resp: 28526
Ion Ratio Lower Upper
166 100
165 85.5 78.0 117.0
167 14.5 10.7 16.1

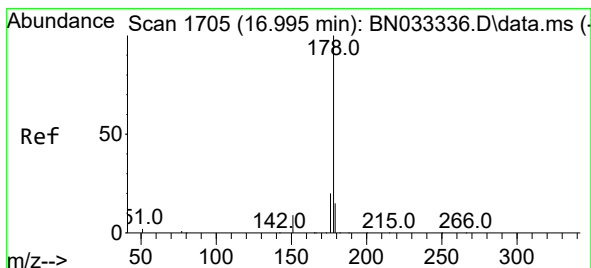
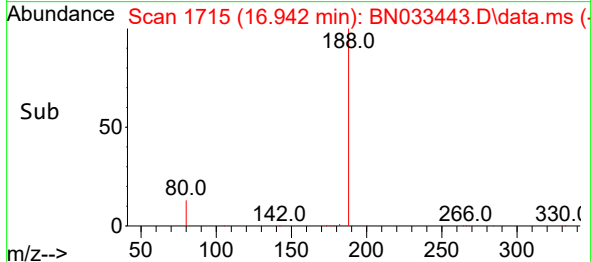
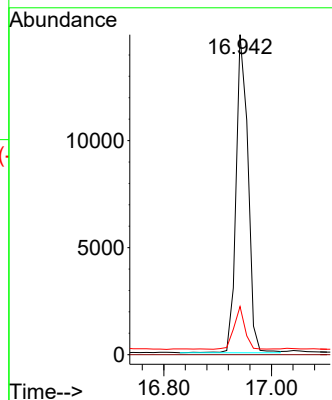
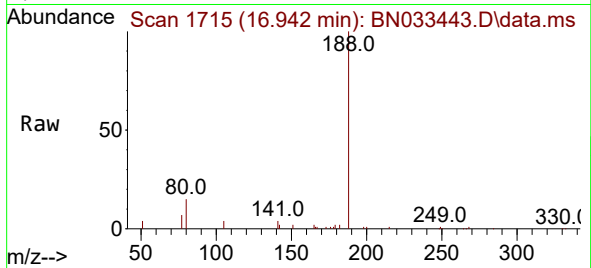




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.013 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

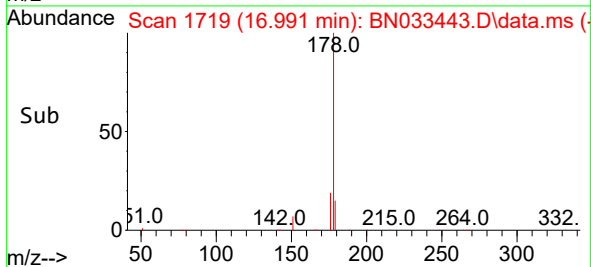
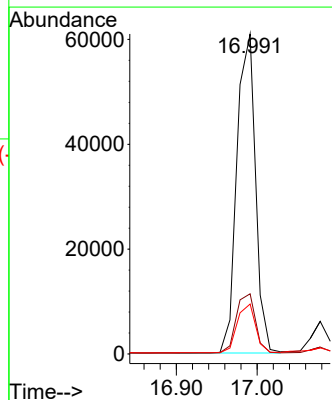
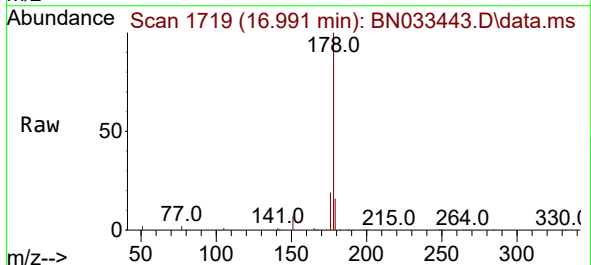
Instrument :
BNA_N
ClientSampleId :
915-J-WPO-0.25-081424

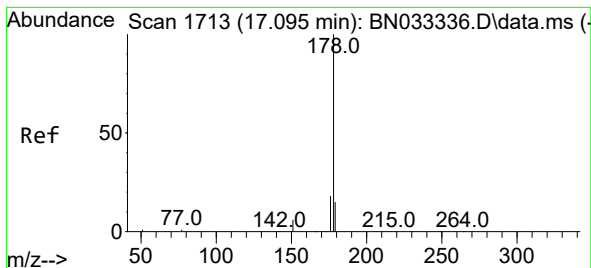
Tgt Ion:188 Resp: 22708
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.7 16.1



#25
Phenanthrene
Concen: 1.481 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN033443.D
Acq: 16 Aug 2024 22:40

Tgt Ion:178 Resp: 97162
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.1 12.2 18.2





#26

Anthracene

Concen: 0.137 ng

RT: 17.078 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

Instrument :

BNA_N

ClientSampleId :

915-J-WPO-0.25-081424

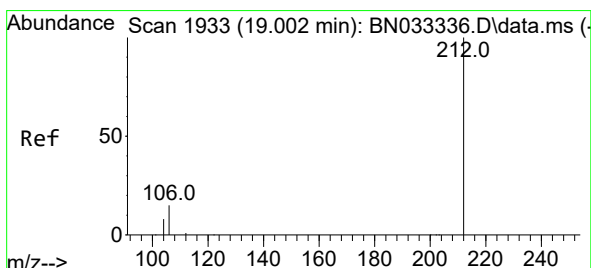
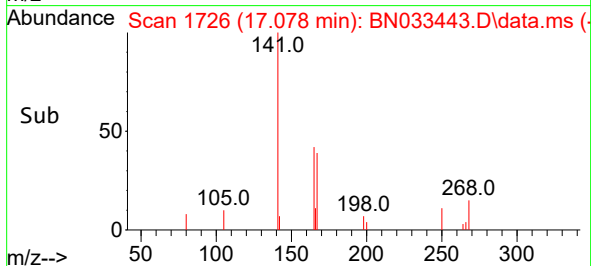
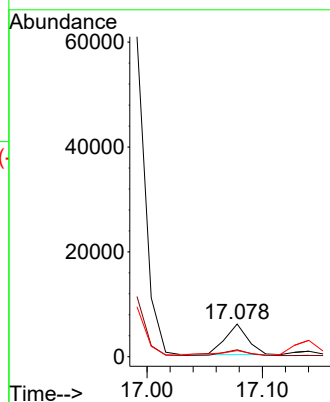
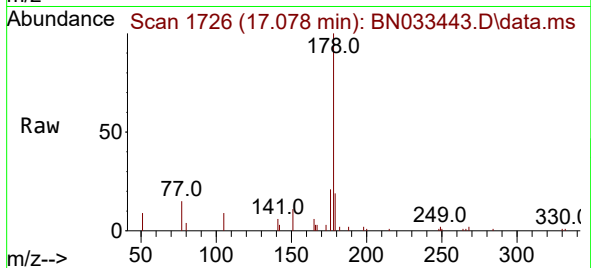
Tgt Ion:178 Resp: 7980

Ion Ratio Lower Upper

178 100

176 20.2 14.7 22.1

179 19.6 12.2 18.2#



#27

Fluoranthene-d10

Concen: 0.317 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

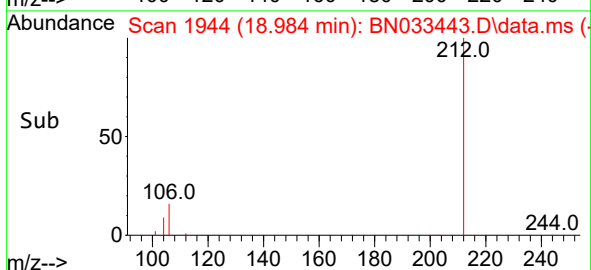
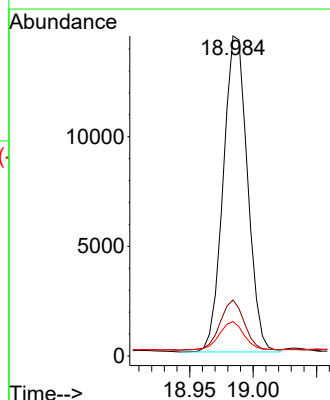
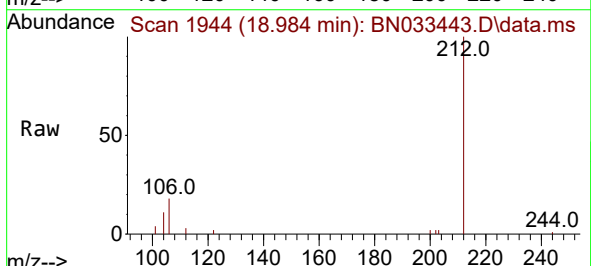
Tgt Ion:212 Resp: 19221

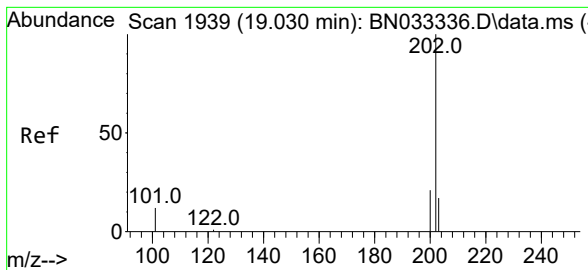
Ion Ratio Lower Upper

212 100

106 15.7 12.8 19.2

104 9.3 7.1 10.7





#28

Fluoranthene

Concen: 0.293 ng

RT: 19.017 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

Instrument :

BNA_N

ClientSampleId :

915-J-WPO-0.25-081424

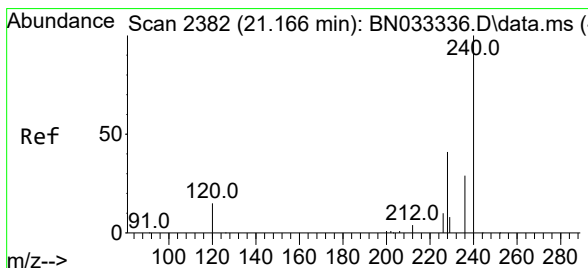
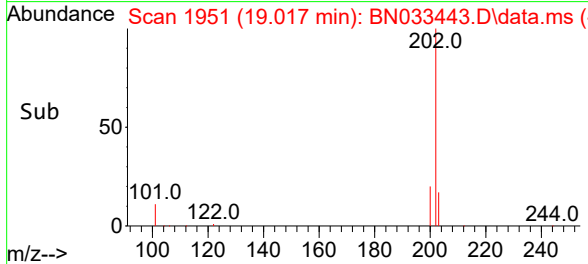
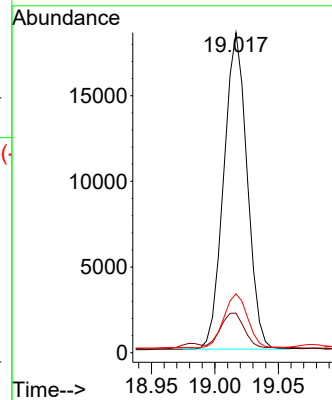
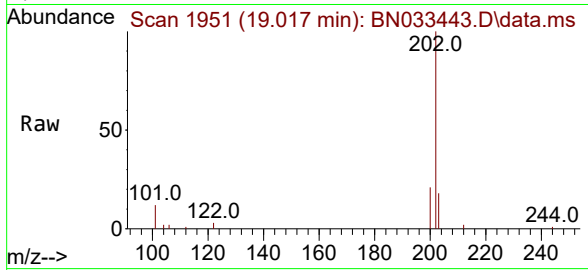
Tgt Ion:202 Resp: 23635

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.6

203 17.2 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: BN033443.D

Acq: 16 Aug 2024 22:40

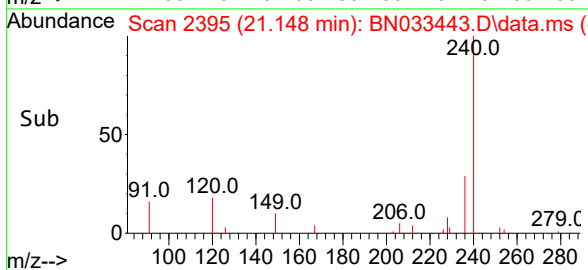
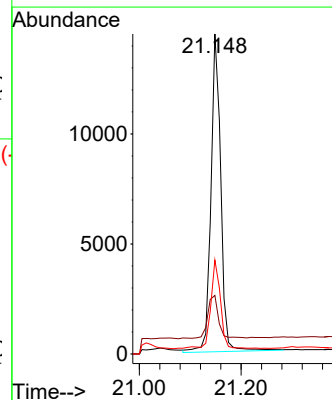
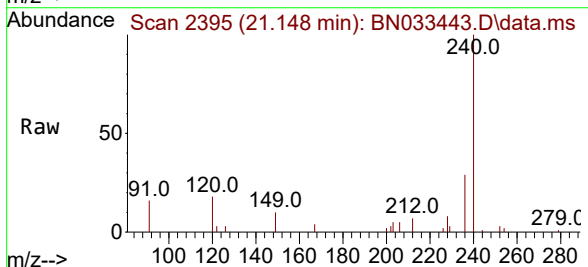
Tgt Ion:240 Resp: 19395

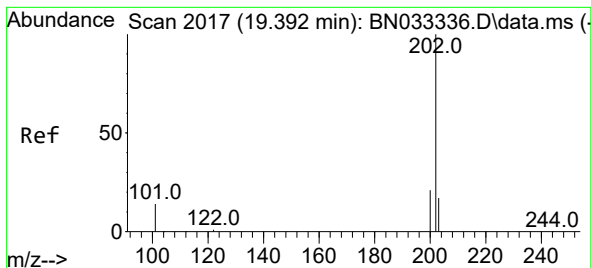
Ion Ratio Lower Upper

240 100

120 18.3 13.0 19.6

236 29.3 23.2 34.8





#30

Pyrene

Concen: 0.182 ng

RT: 19.379 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

Instrument :

BNA_N

ClientSampleId :

915-J-WPO-0.25-081424

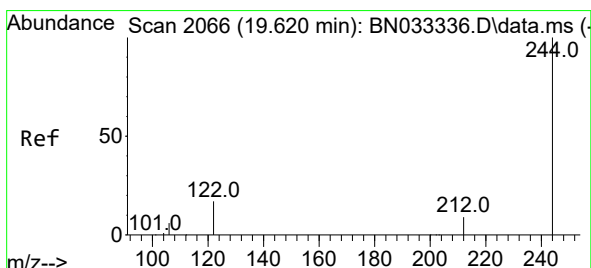
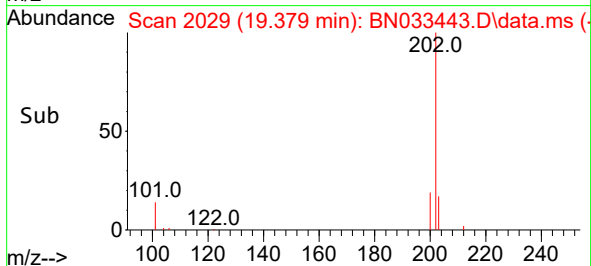
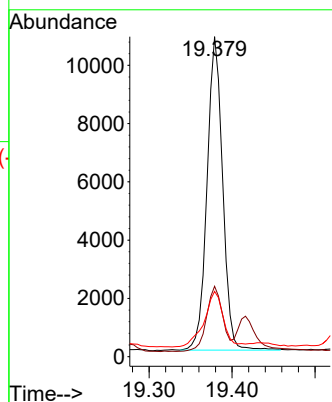
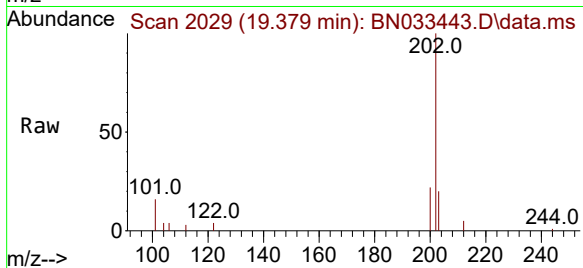
Tgt Ion:202 Resp: 14081

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 21.9 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.445 ng

RT: 19.602 min Scan# 2077

Delta R.T. -0.005 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

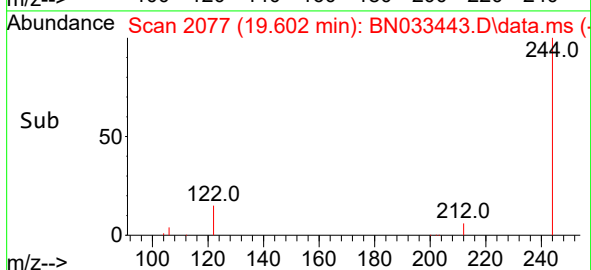
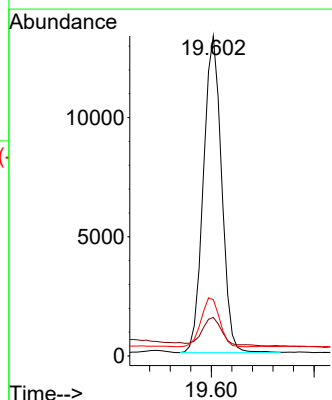
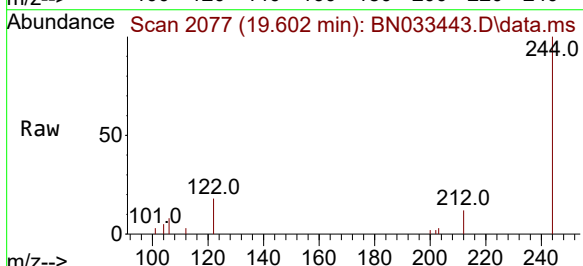
Tgt Ion:244 Resp: 16290

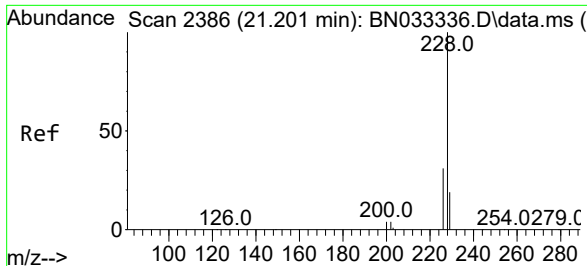
Ion Ratio Lower Upper

244 100

212 12.0 7.7 11.5#

122 17.6 14.0 21.0





#33

Chrysene

Concen: 0.025 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033443.D

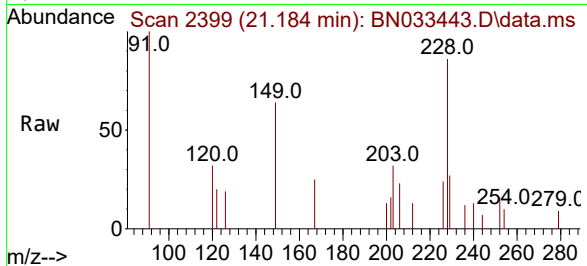
Acq: 16 Aug 2024 22:40

Instrument :

BNA_N

ClientSampleId :

915-J-WPO-0.25-081424



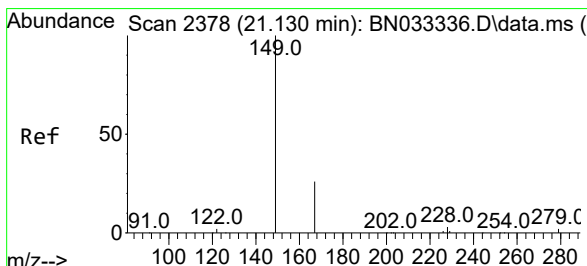
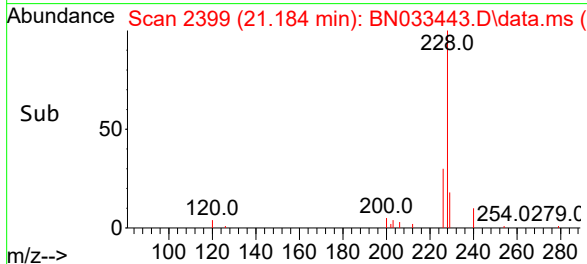
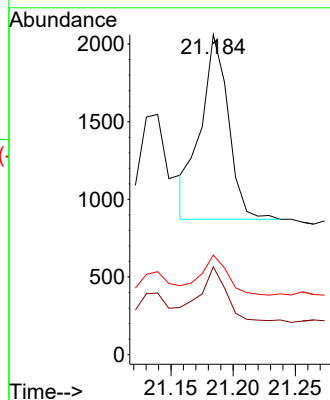
Tgt Ion:228 Resp: 1844

Ion Ratio Lower Upper

228 100

226 27.4 24.7 37.1

229 31.2 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.103 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033443.D

Acq: 16 Aug 2024 22:40

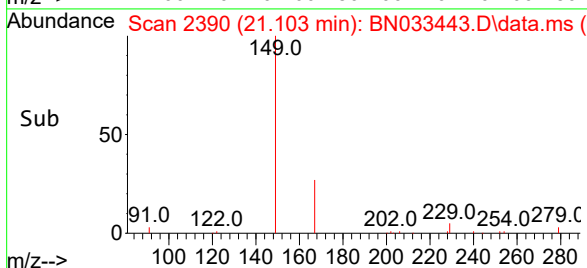
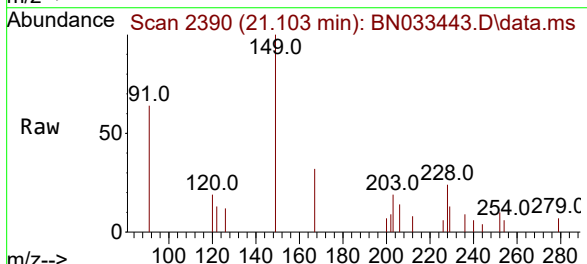
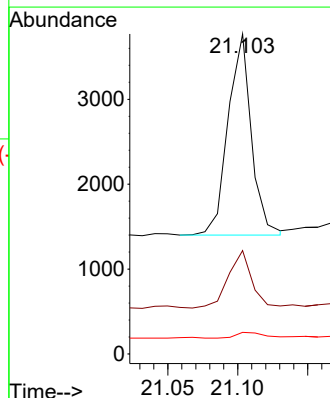
Tgt Ion:149 Resp: 2739

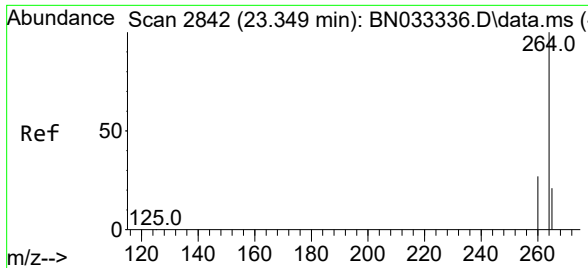
Ion Ratio Lower Upper

149 100

167 29.0 20.9 31.3

279 3.9 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: BN033443.D
 Acq: 16 Aug 2024 22:40

Instrument :
 BNA_N
 ClientSampleId :
 915-J-WPO-0.25-081424

Tgt Ion:264	Resp:	19845
Ion Ratio	Lower	Upper
264	100	
260	25.9	21.6 32.4
265	61.2	29.3 43.9#

