

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)

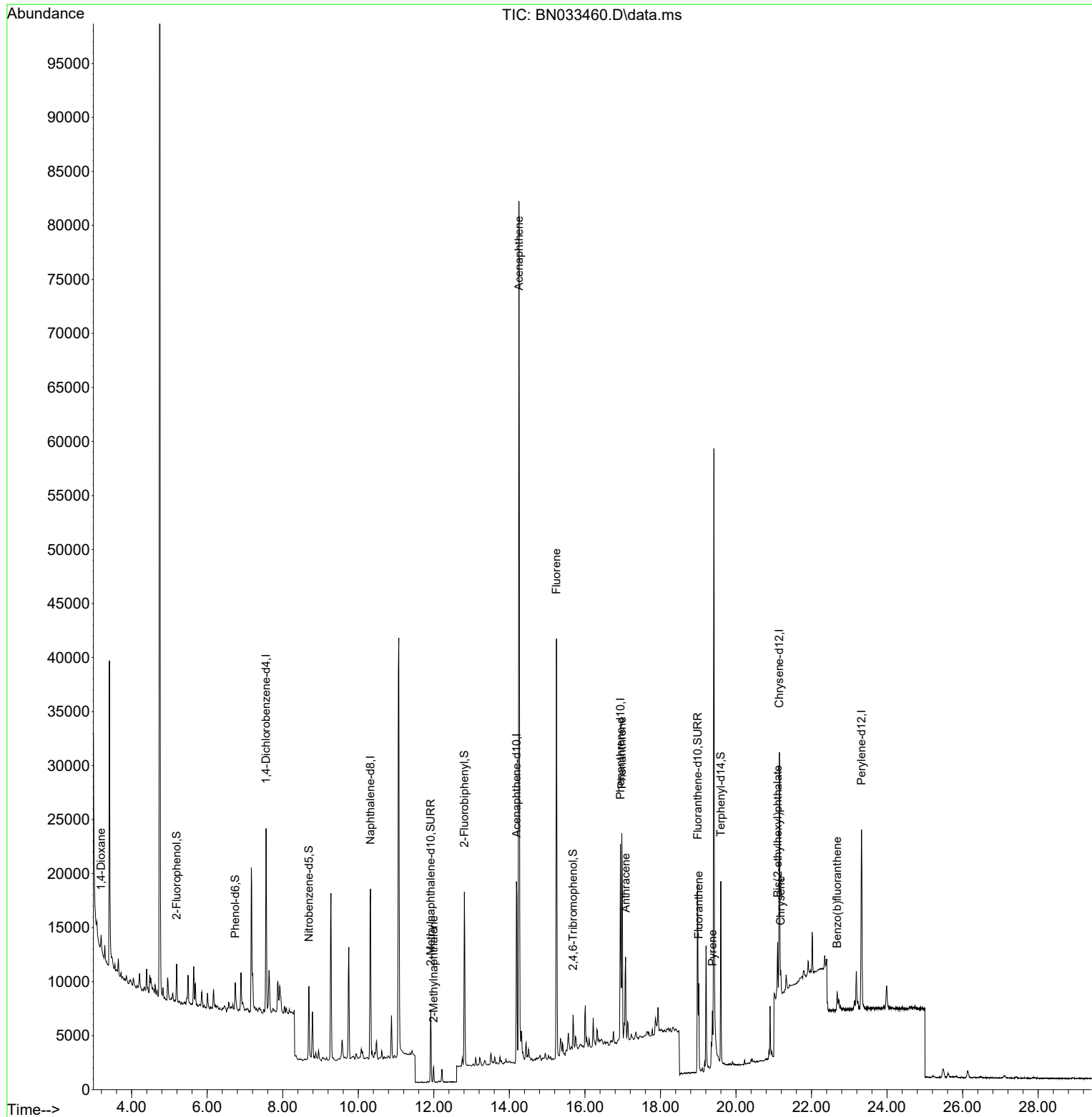
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7588	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20860	0.400	ng	#-0.01
13) Acenaphthene-d10	14.189	164	10565	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	22174	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	19286	0.400	ng	0.00
35) Perylene-d12	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
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

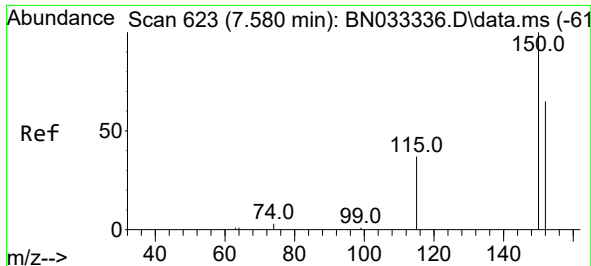
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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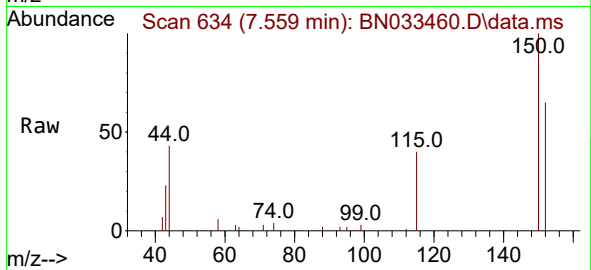
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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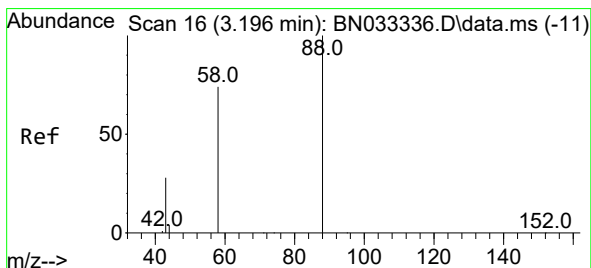
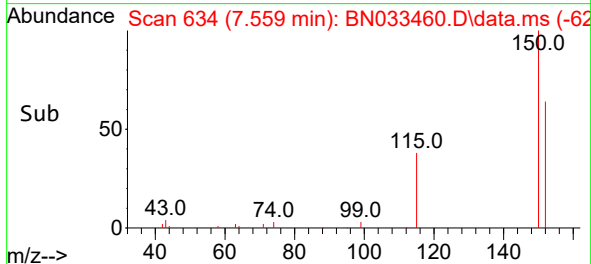
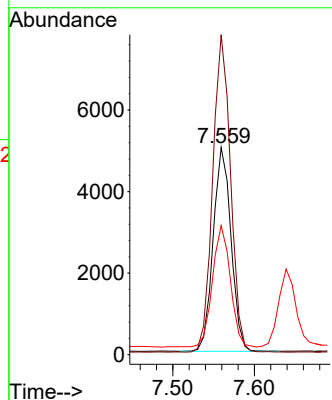


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

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

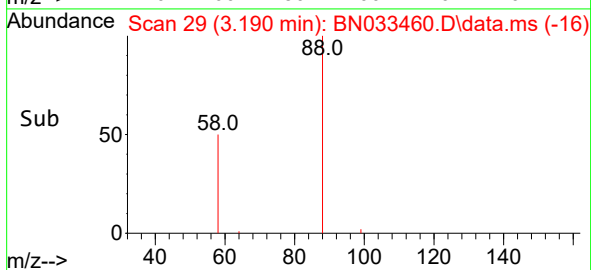
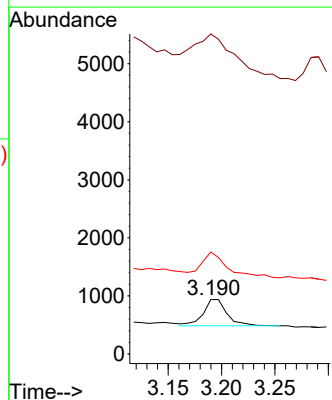
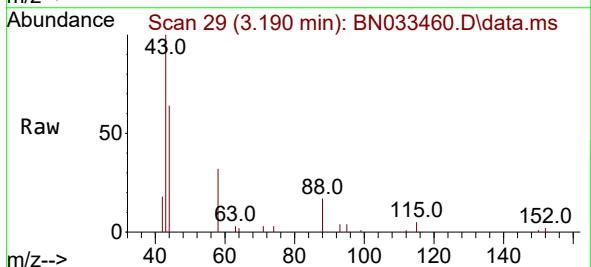


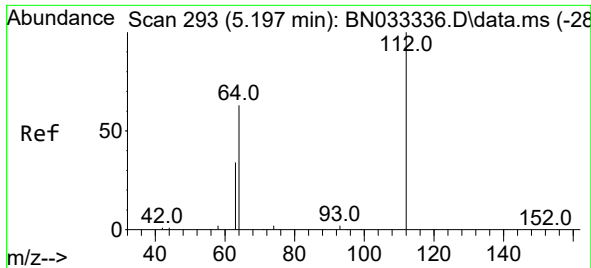
Tgt Ion:152 Resp: 7588
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.3 183.5
 115 62.3 48.8 73.2



#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#





#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

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324

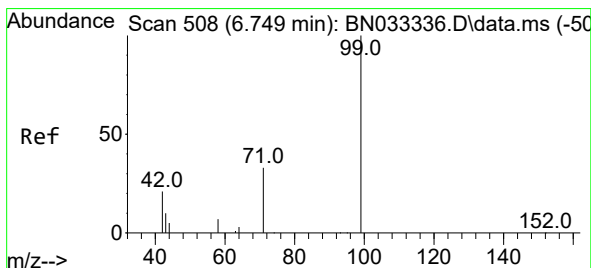
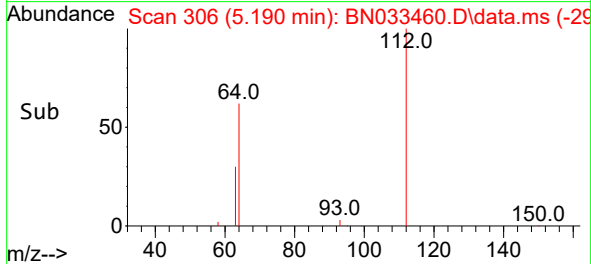
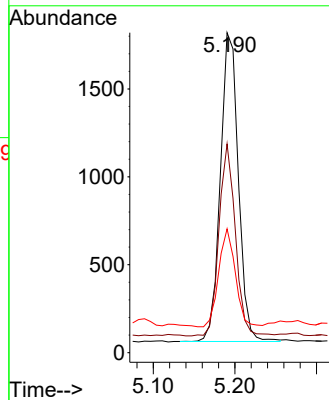
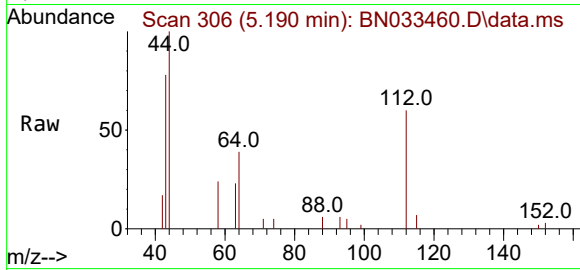
Tgt Ion:112 Resp: 2684

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# 521

Delta R.T. -0.007 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

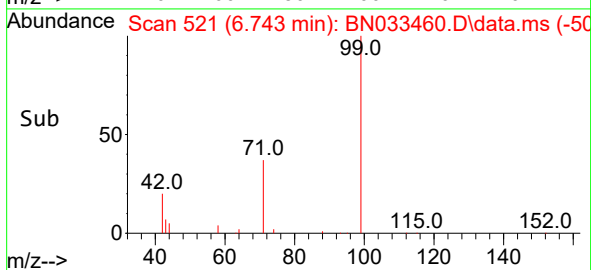
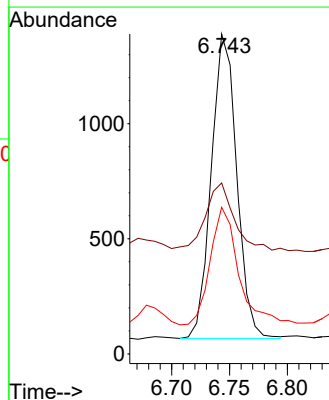
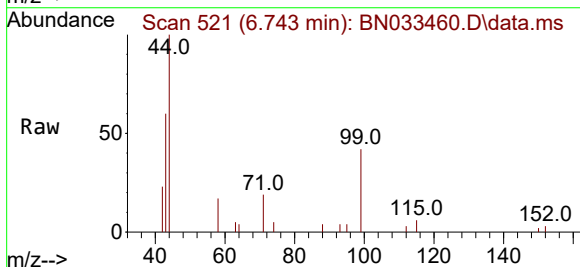
Tgt Ion: 99 Resp: 2019

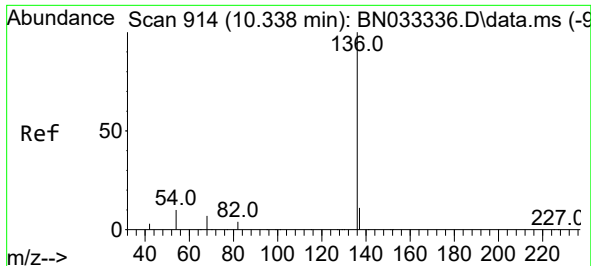
Ion Ratio Lower Upper

99 100

42 25.1 18.5 27.7

71 43.4 26.2 39.2#

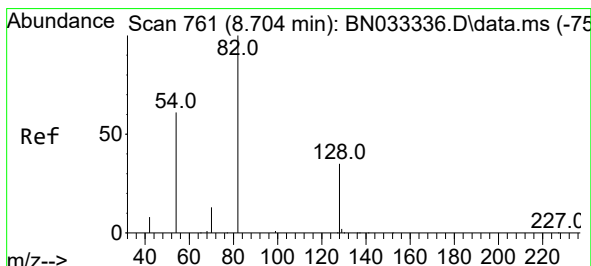
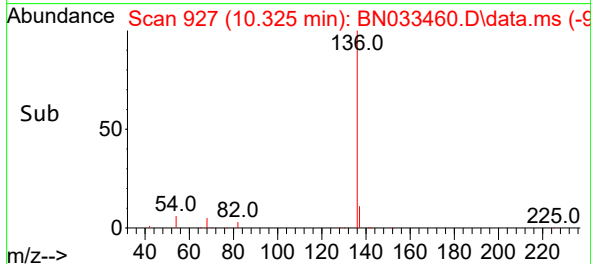
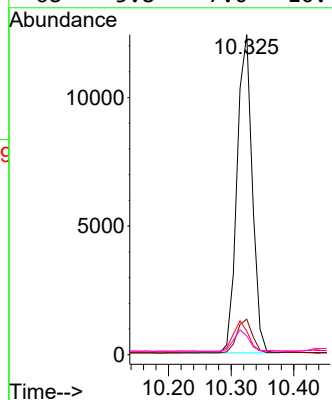
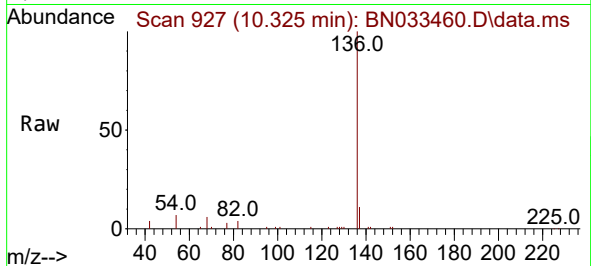




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

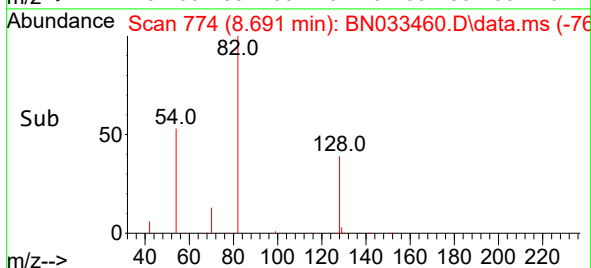
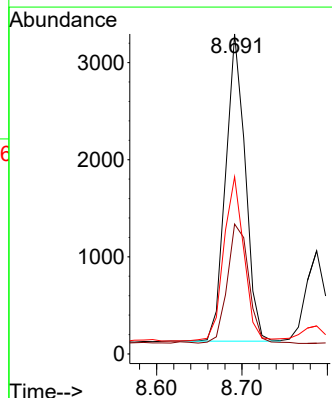
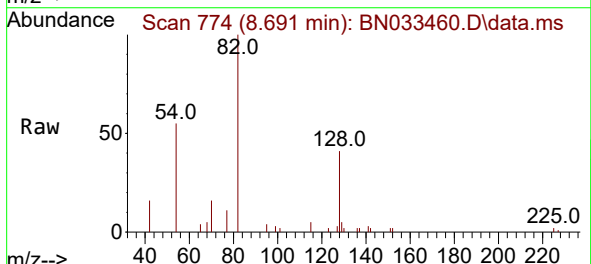
Instrument :
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918-J-WPO-0.25-081324

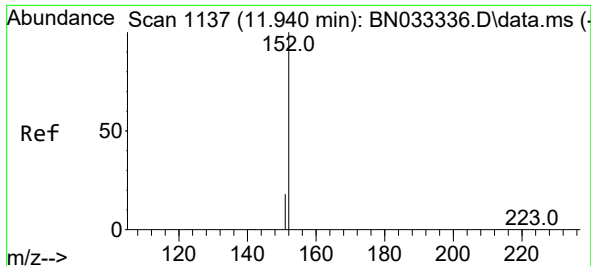
Tgt Ion:	136	Resp:	20860
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.3	9.4	14.0#
68	5.8	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

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

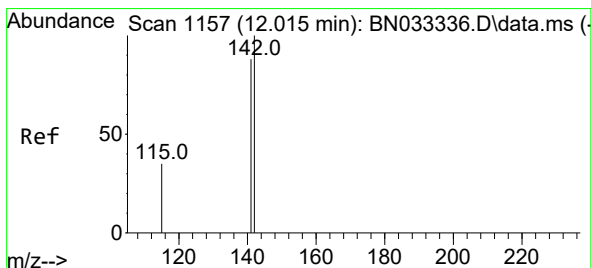
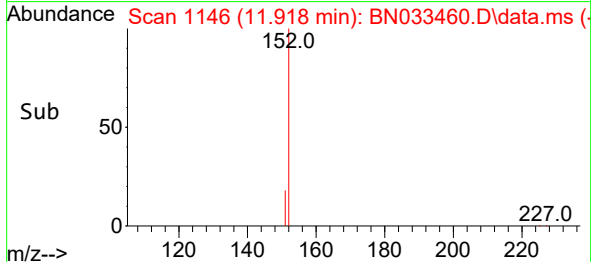
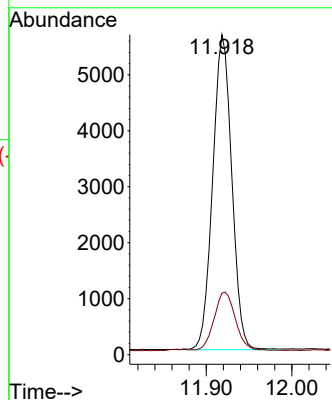
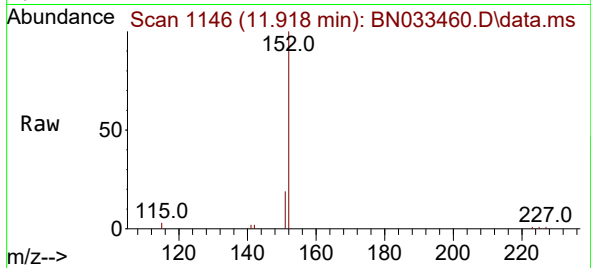




#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 11.918 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

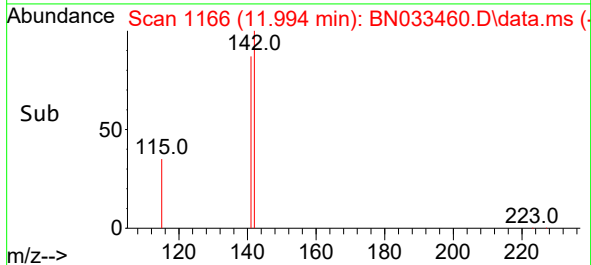
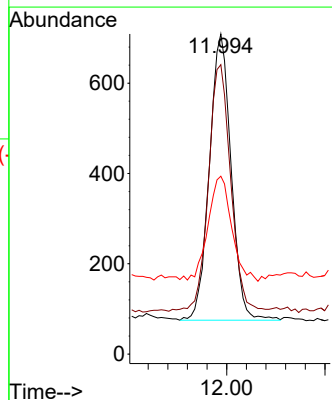
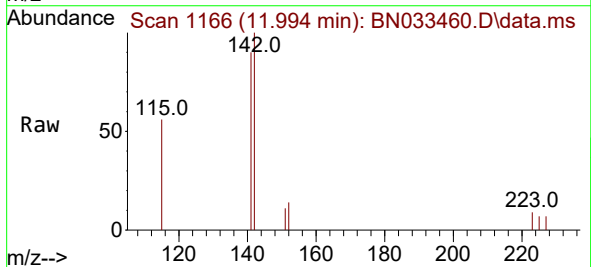
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

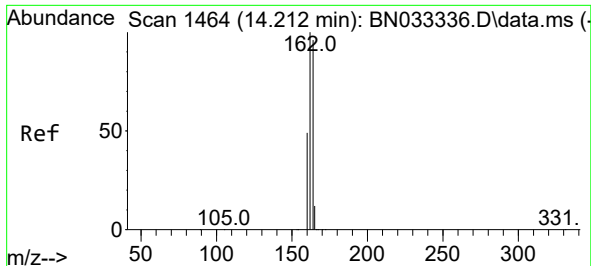
Tgt Ion:152 Resp: 8726
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#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

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#

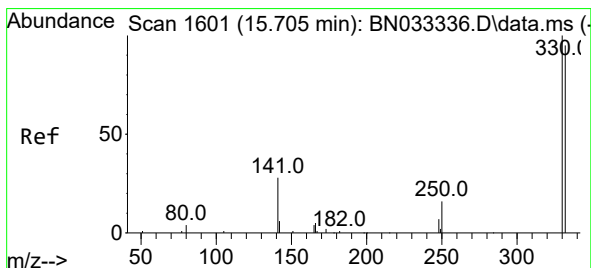
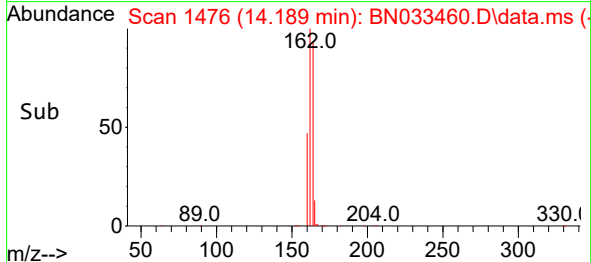
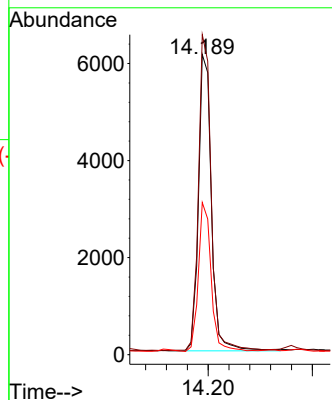
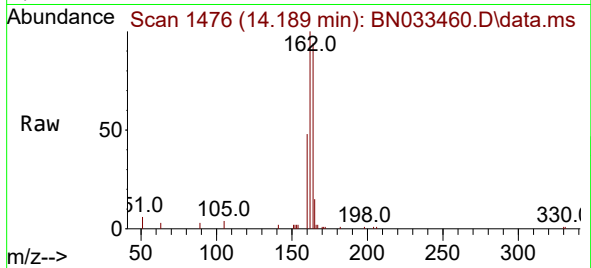




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

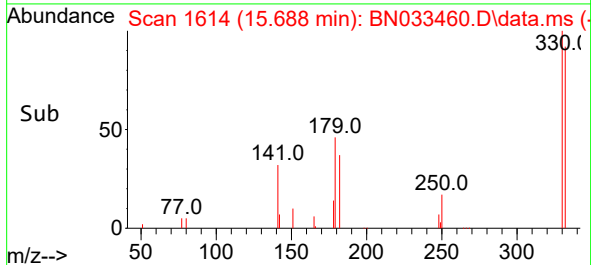
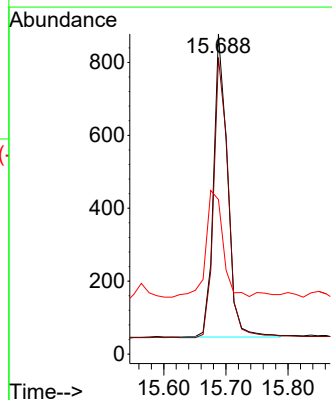
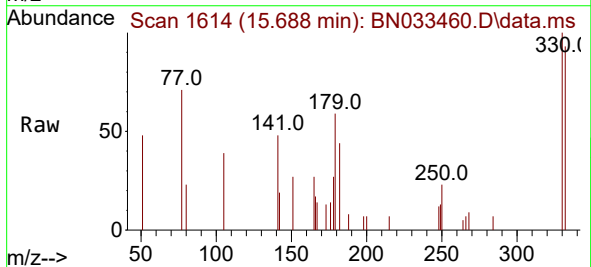
Instrument :
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ClientSampleId :
918-J-WPO-0.25-081324

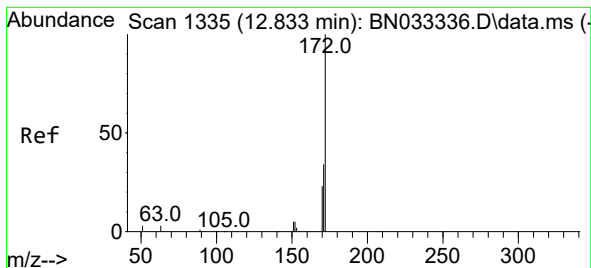
Tgt Ion:164 Resp: 10565
Ion Ratio Lower Upper
164 100
162 106.6 83.1 124.7
160 50.7 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

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# 1

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

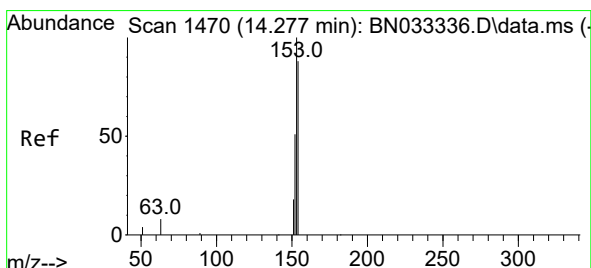
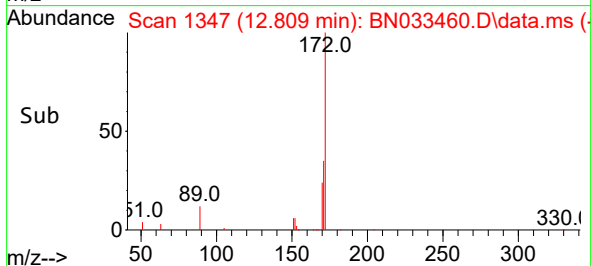
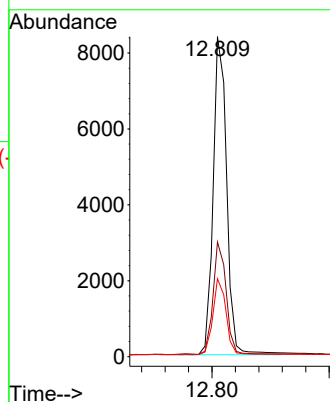
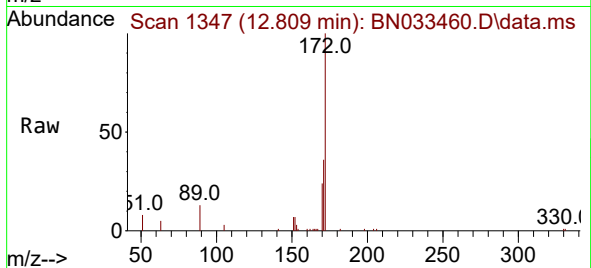
Tgt Ion:172 Resp: 13389

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

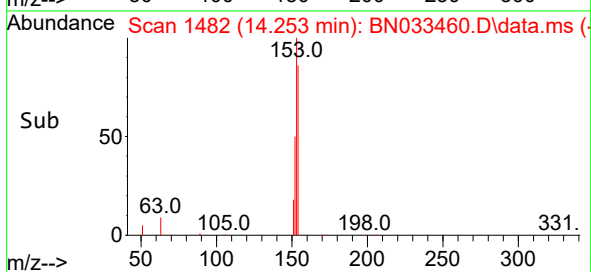
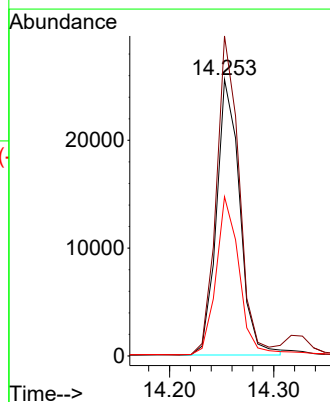
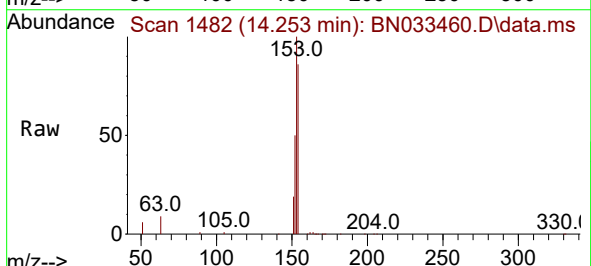
Tgt Ion:154 Resp: 39641

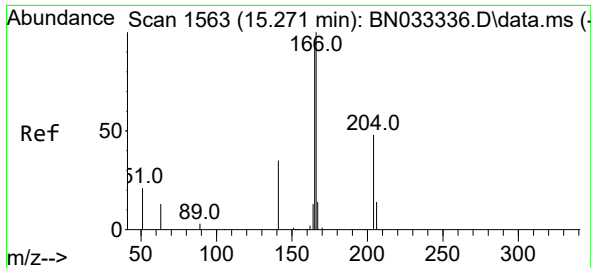
Ion Ratio Lower Upper

154 100

153 113.1 89.7 134.5

152 56.4 47.2 70.8

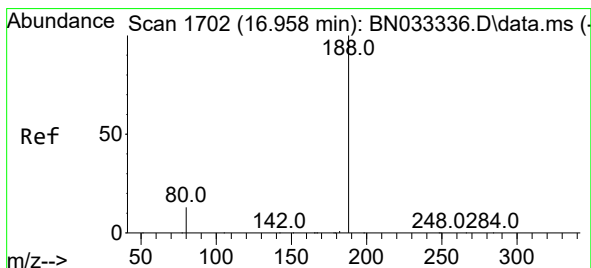
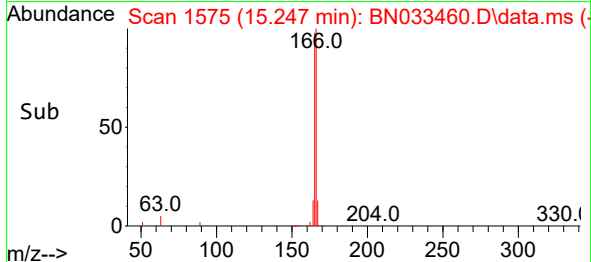
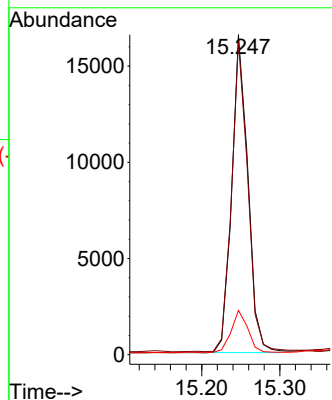
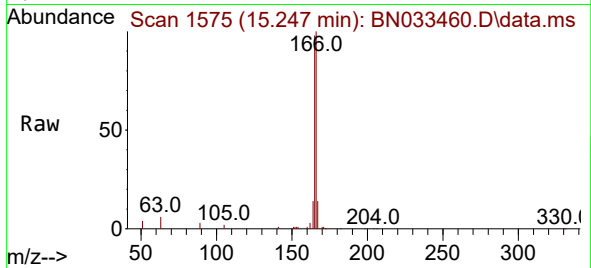




#18
 Fluorene
 Concen: 0.534 ng
 RT: 15.247 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

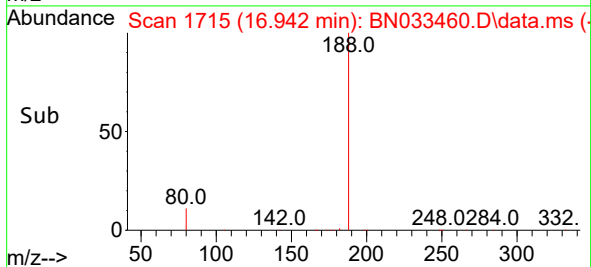
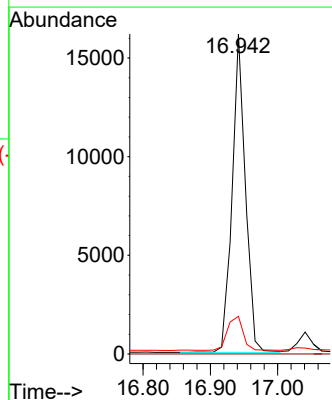
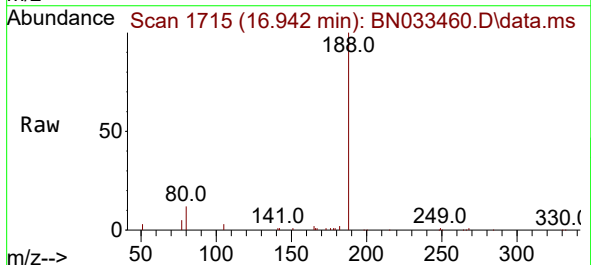
Instrument :
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 918-J-WPO-0.25-081324

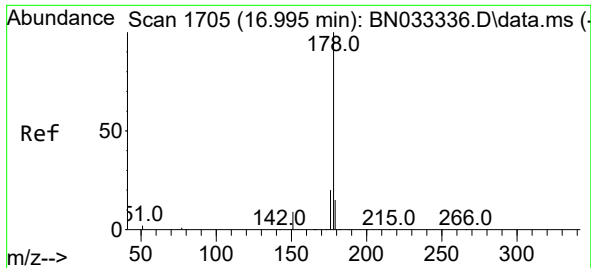
Tgt Ion:166 Resp: 23800
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.0 117.0
 167 13.9 10.7 16.1



#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

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

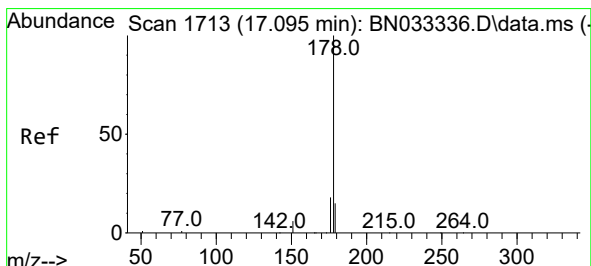
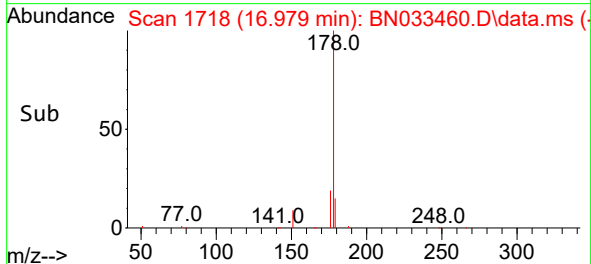
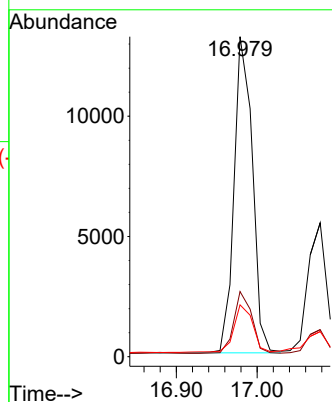
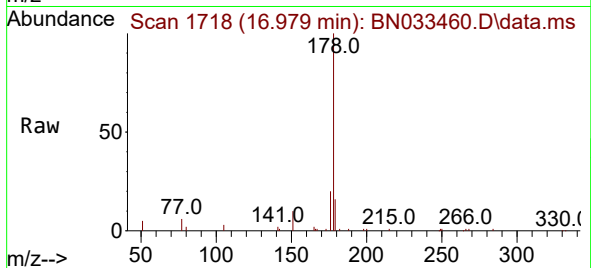




#25
Phenanthrene
Concen: 0.322 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.013 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

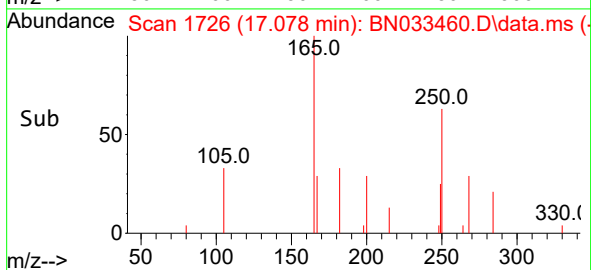
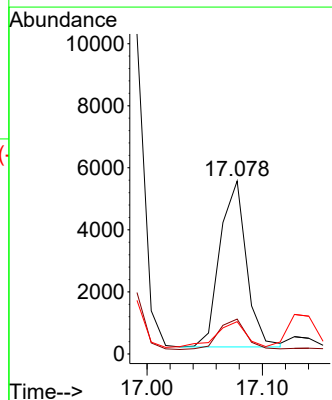
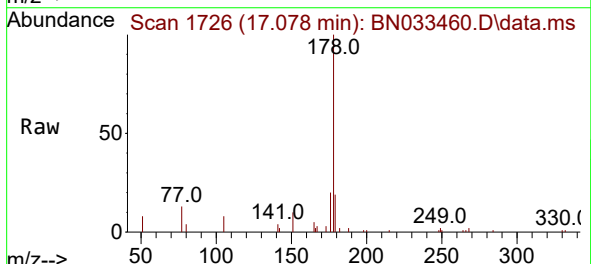
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

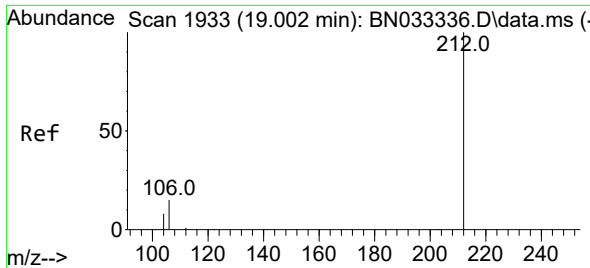
Tgt Ion:178 Resp: 20635
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.2



#26
Anthracene
Concen: 0.151 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

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

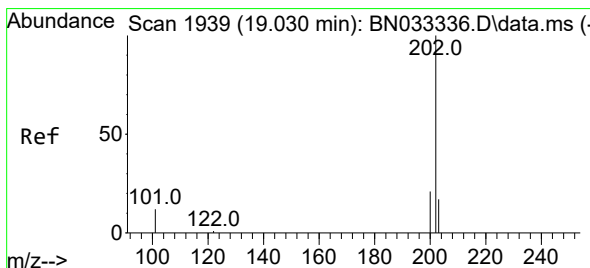
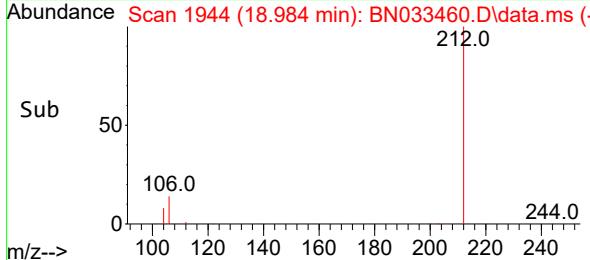
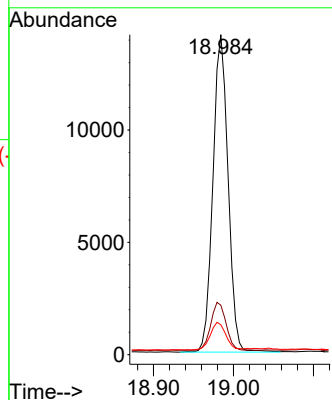
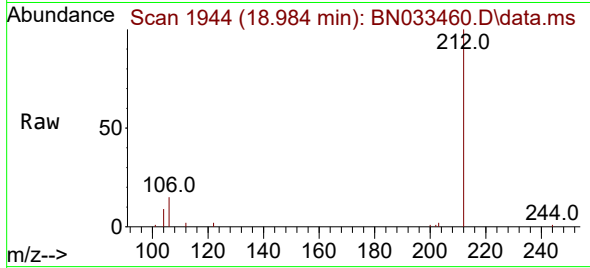




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

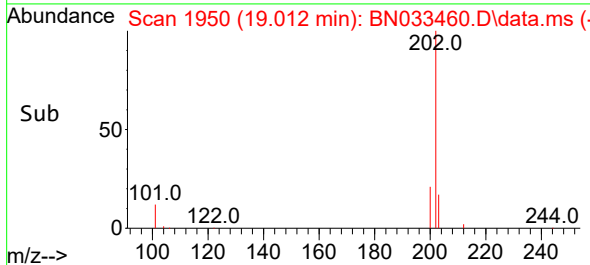
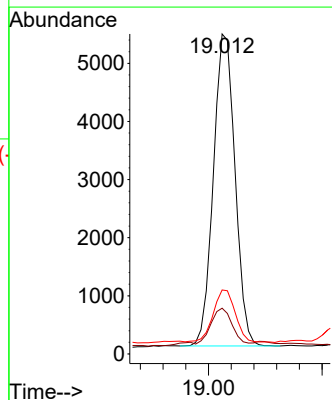
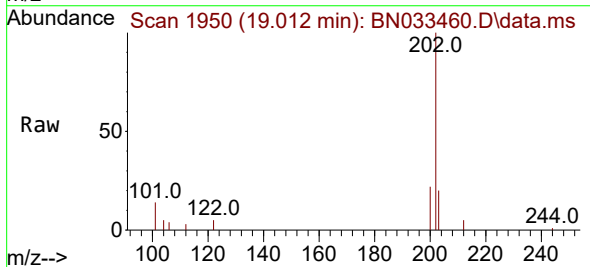
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

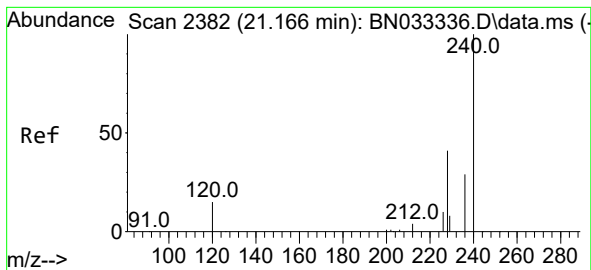
Tgt Ion:212 Resp: 18571
Ion Ratio Lower Upper
212 100
106 15.2 12.8 19.2
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.090 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

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# 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

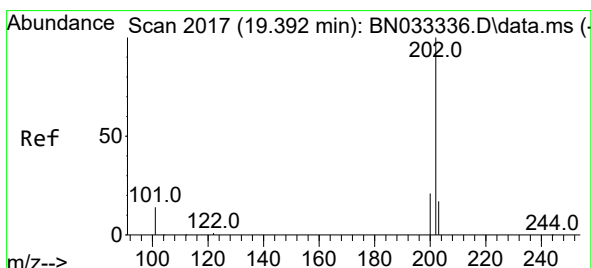
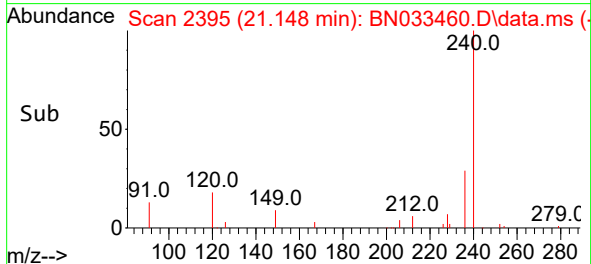
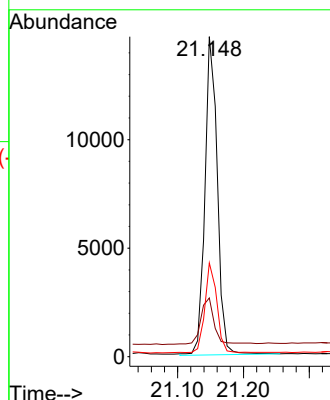
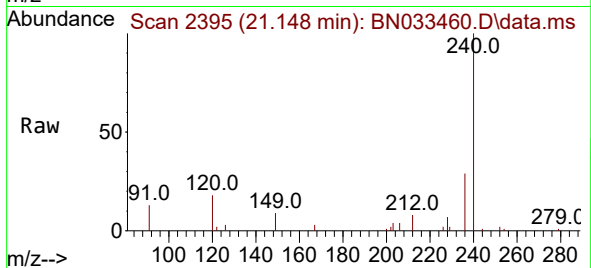
Tgt Ion:240 Resp: 19286

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# 2029

Delta R.T. -0.005 min

Lab File: BN033460.D

Acq: 17 Aug 2024 09:40

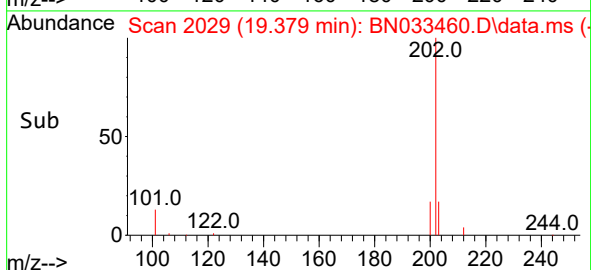
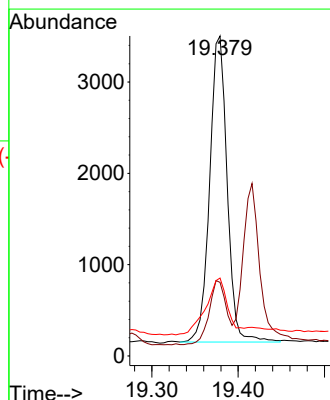
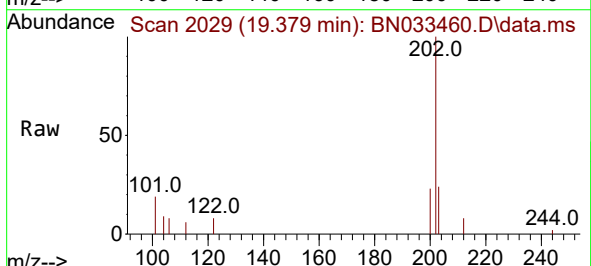
Tgt Ion:202 Resp: 4728

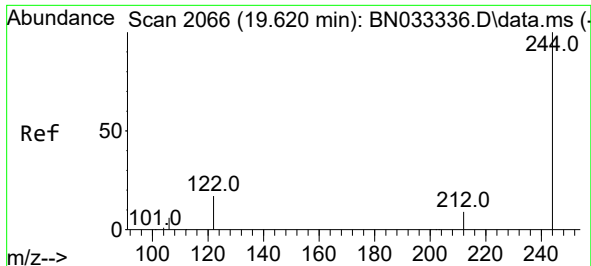
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 23.1 14.2 21.4#

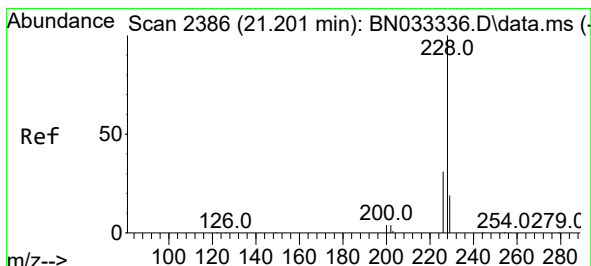
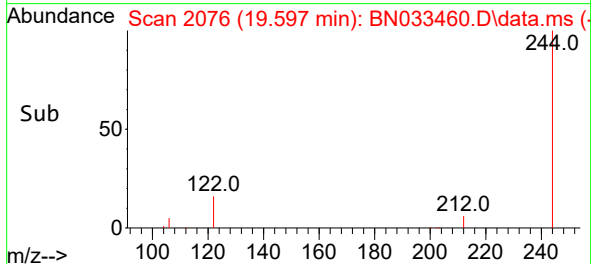
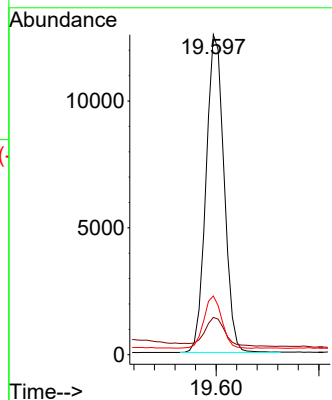
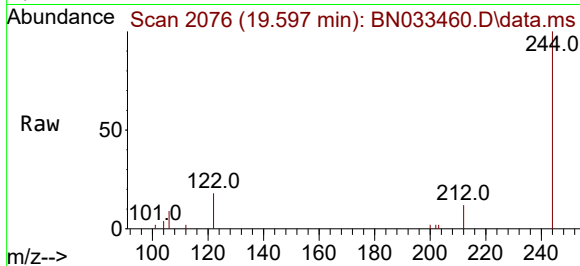




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

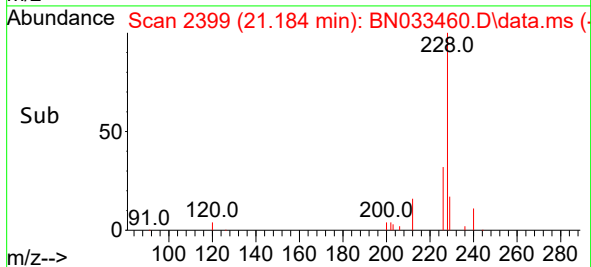
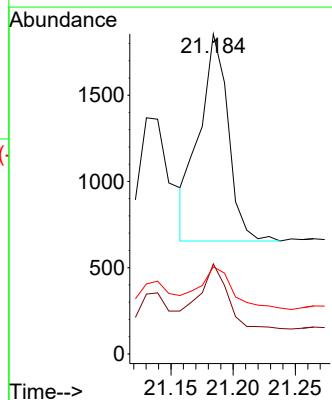
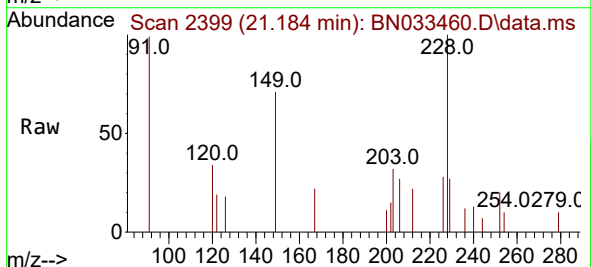
Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324

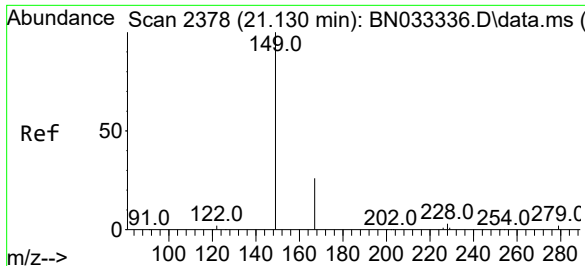
Tgt Ion:244 Resp: 15232
 Ion Ratio Lower Upper
 244 100
 212 11.7 7.7 11.5#
 122 18.4 14.0 21.0



#33
 Chrysene
 Concen: 0.027 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.009 min
 Lab File: BN033460.D
 Acq: 17 Aug 2024 09:40

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#

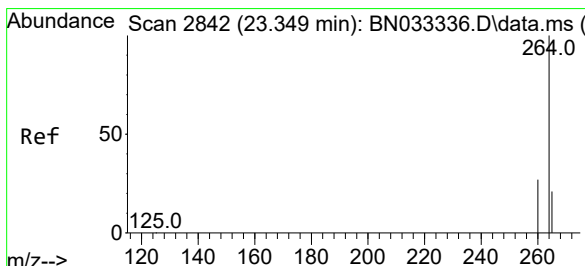
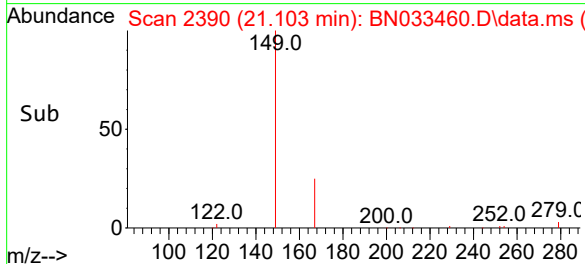
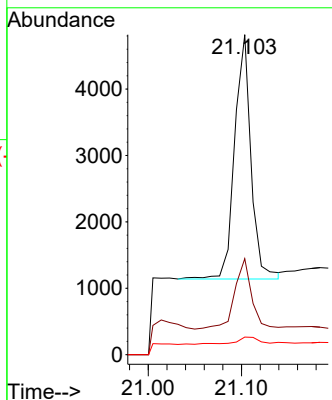
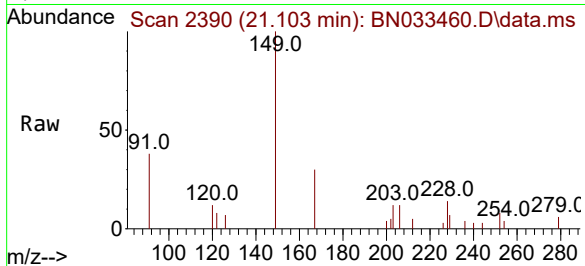




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.137 ng
RT: 21.103 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

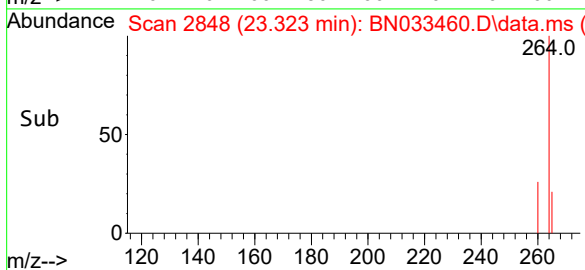
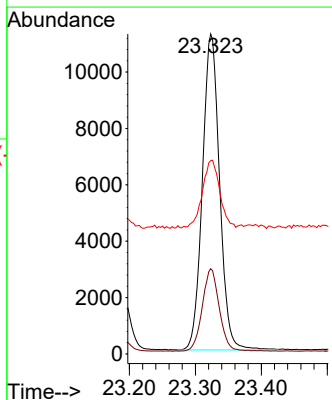
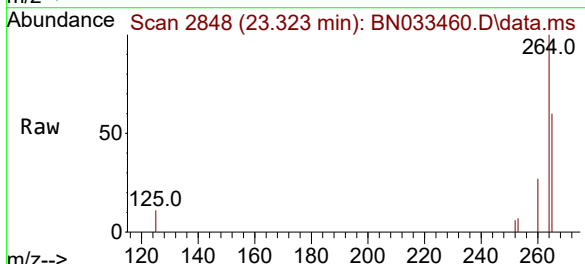
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324

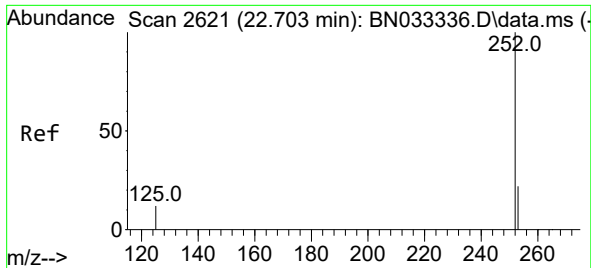
Tgt Ion:149 Resp: 4497
Ion Ratio Lower Upper
149 100
167 29.9 20.9 31.3
279 5.2 2.2 3.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

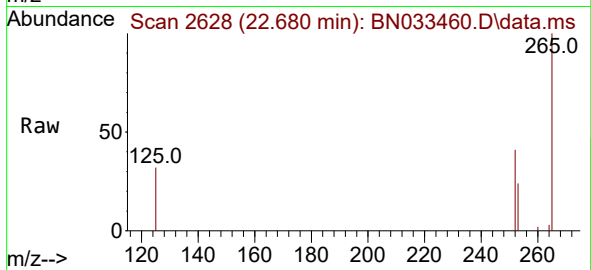
Tgt Ion:264 Resp: 20354
Ion Ratio Lower Upper
264 100
260 26.7 21.6 32.4
265 60.4 29.3 43.9#





#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.680 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN033460.D
Acq: 17 Aug 2024 09:40

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



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#

