

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033444.D
 Acq On : 16 Aug 2024 23:16
 Operator : MA/JU
 Sample : P3620-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 17 00:47:21 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)

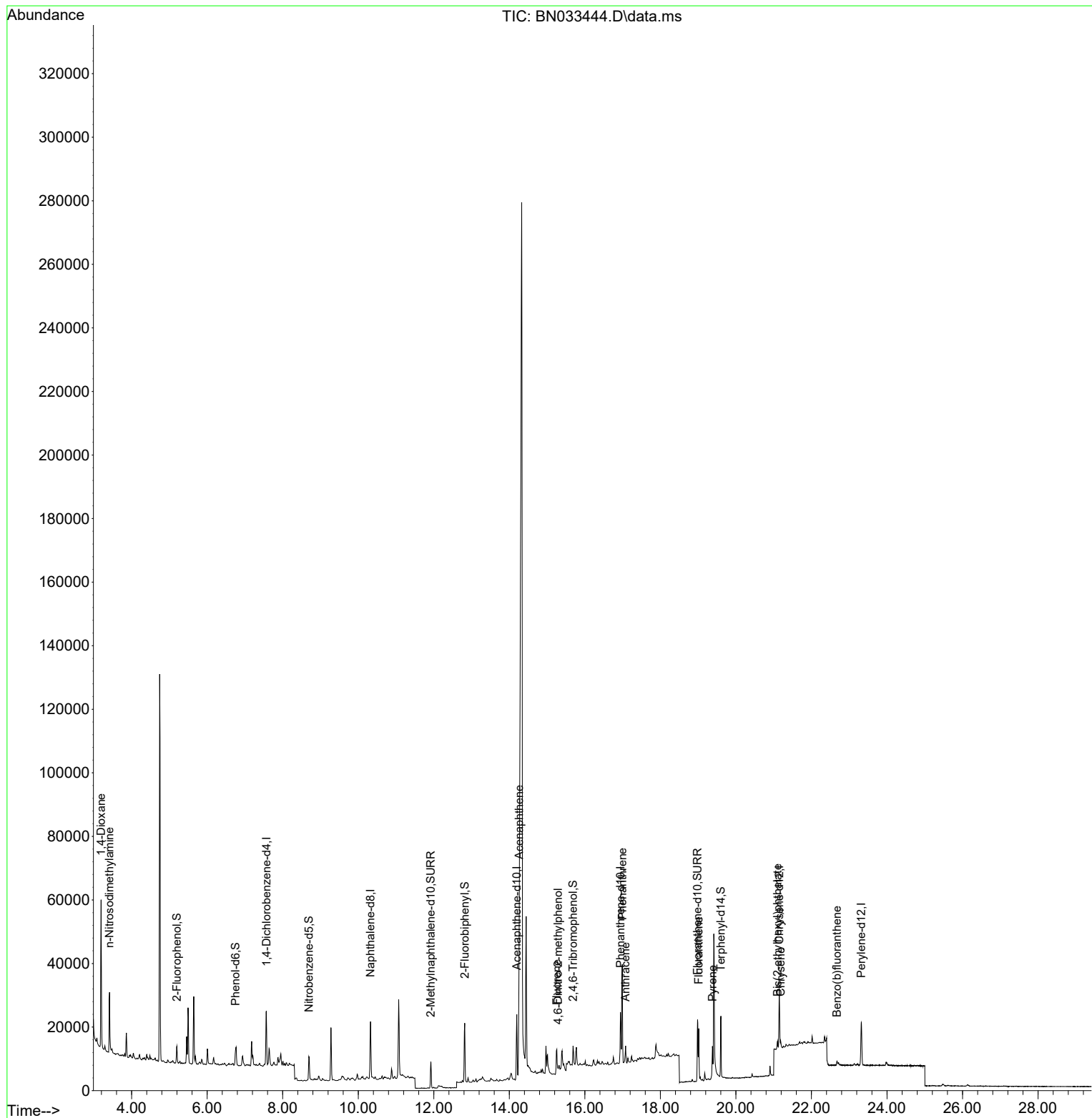
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	7791	0.400	ng	0.00
7) Naphthalene-d8	10.325	136	21803	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	11048	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21542	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	16436	0.400	ng	# 0.00
35) Perylene-d12	23.320	264	16824	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3855	0.179	ng	0.00
5) Phenol-d6	6.750	99	3069	0.106	ng	0.00
8) Nitrobenzene-d5	8.691	82	6152	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	10973	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	2736	0.483	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	16295	0.360	ng	0.00
27) Fluoranthene-d10	18.984	212	20968	0.364	ng	0.00
31) Terphenyl-d14	19.602	244	18028	0.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	25009	2.889	ng	97
3) n-Nitrosodimethylamine	3.414	42	2498	0.224	ng	# 1
17) Acenaphthene	14.263	154	4605	0.130	ng	# 86
18) Fluorene	15.258	166	9189	0.197	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.290	198	120	0.046	ng	# 1
25) Phenanthrene	16.991	178	34011	0.547	ng	100
26) Anthracene	17.078	178	4973	0.090	ng	96
28) Fluoranthene	19.017	202	13992	0.183	ng	99
30) Pyrene	19.379	202	8512	0.130	ng	# 93
33) Chrysene	21.184	228	2050	0.033	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.103	149	2278	0.082	ng	# 90
37) Benzo(b)fluoranthene	22.677	252	1775	0.028	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033444.D
Acq On : 16 Aug 2024 23:16
Operator : MA/JU
Sample : P3620-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

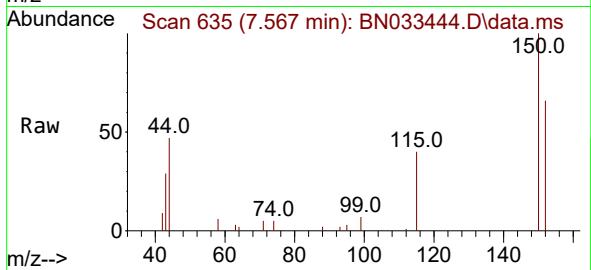
Quant Time: Aug 17 00:47:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



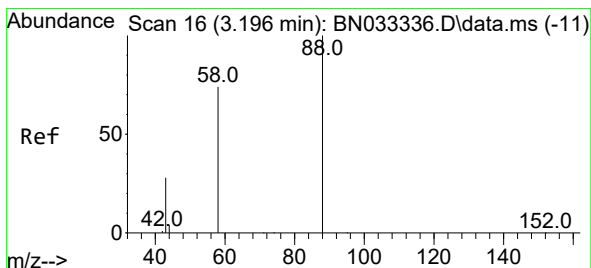
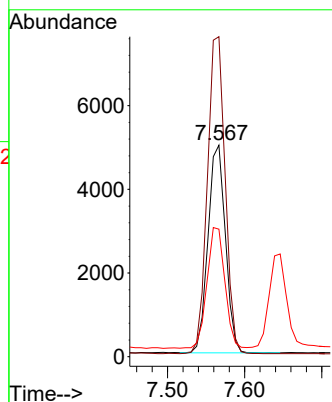
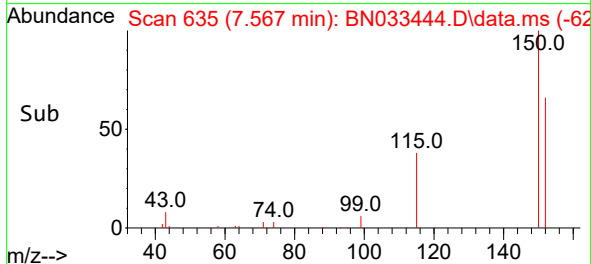


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

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

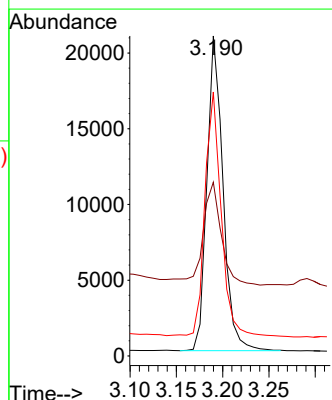
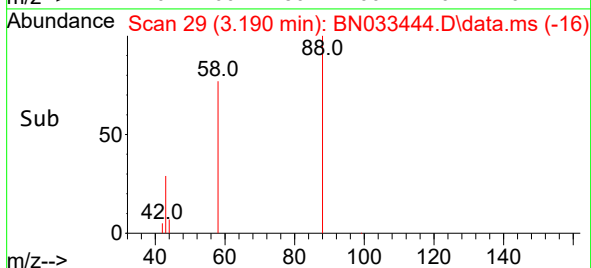
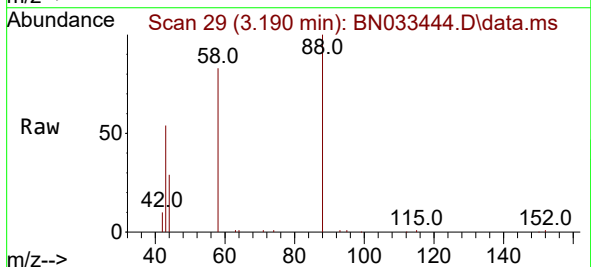


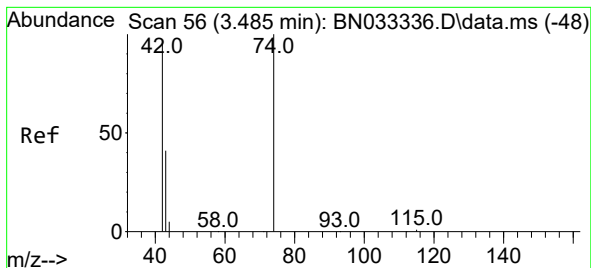
Tgt Ion:152 Resp: 7791
Ion Ratio Lower Upper
152 100
150 151.2 122.3 183.5
115 60.2 48.8 73.2



#2
1,4-Dioxane
Concen: 2.889 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion: 88 Resp: 25009
Ion Ratio Lower Upper
88 100
43 36.2 30.6 46.0
58 78.1 64.5 96.7

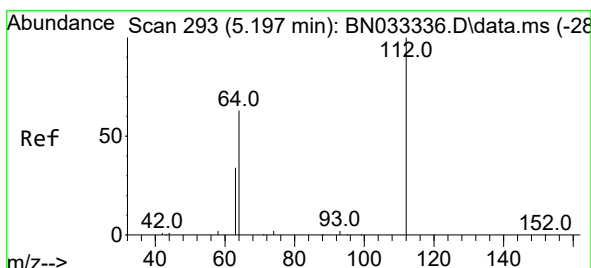
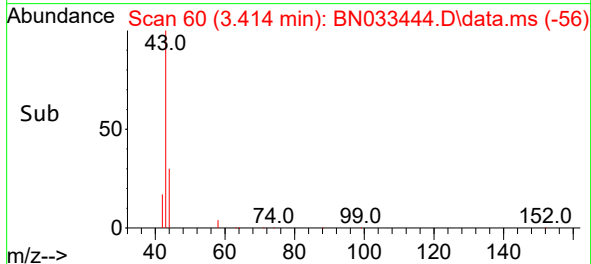
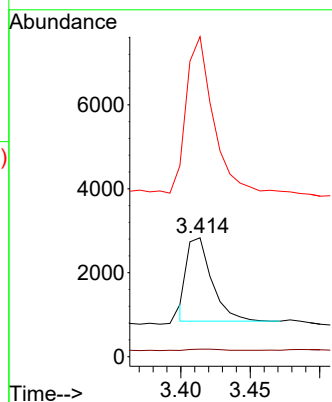
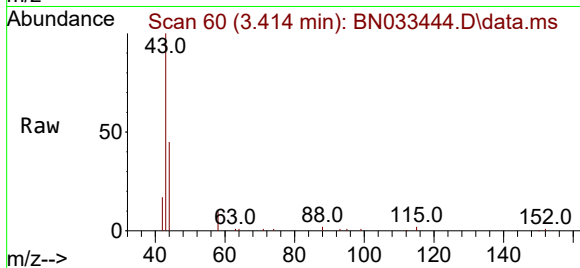




#3
 n-Nitrosodimethylamine
 Concen: 0.224 ng
 RT: 3.414 min Scan# 60
 Delta R.T. -0.072 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

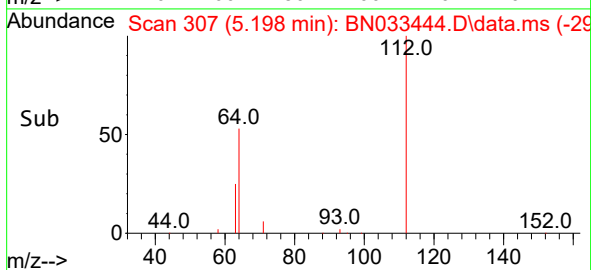
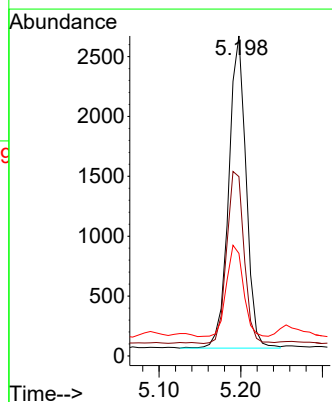
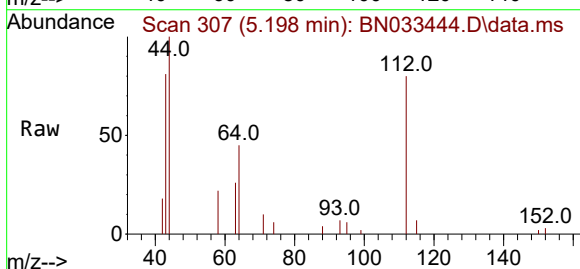
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

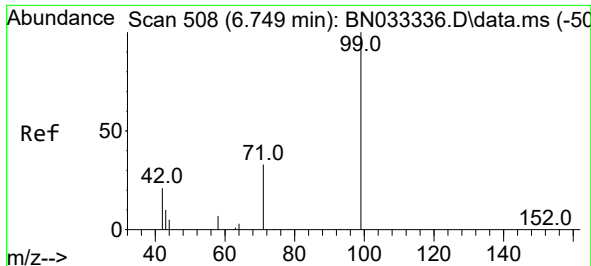
Tgt Ion: 42 Resp: 2498
 Ion Ratio Lower Upper
 42 100
 74 2.0 89.0 133.6#
 44 207.8 11.0 16.4#



#4
 2-Fluorophenol
 Concen: 0.179 ng
 RT: 5.198 min Scan# 307
 Delta R.T. -0.000 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

Tgt Ion: 112 Resp: 3855
 Ion Ratio Lower Upper
 112 100
 64 54.7 48.1 72.1
 63 28.6 25.4 38.2

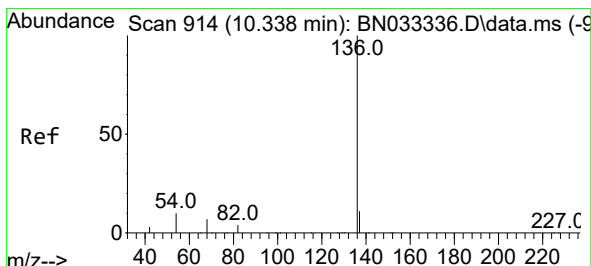
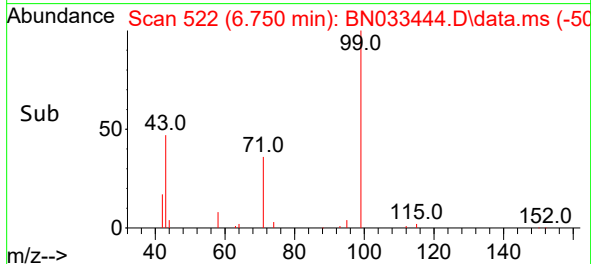
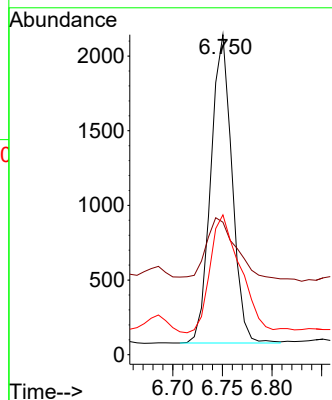
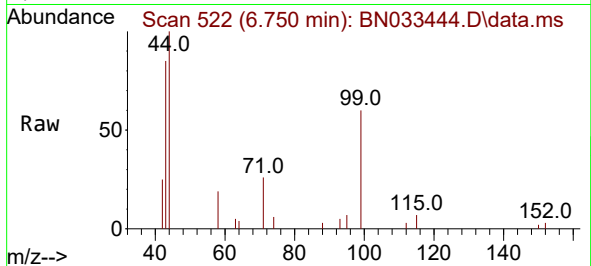




#5
Phenol-d6
Concen: 0.106 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

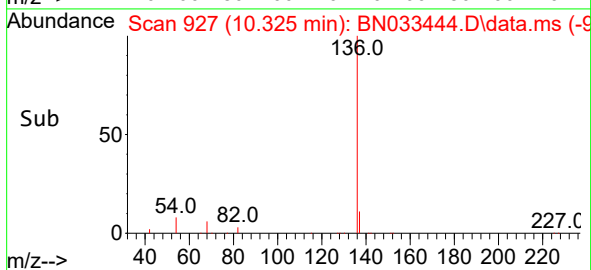
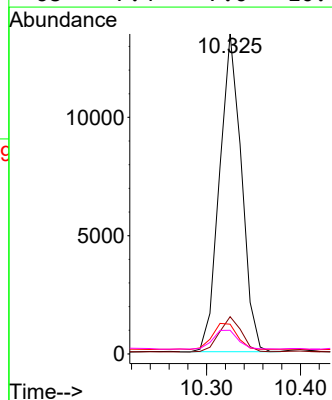
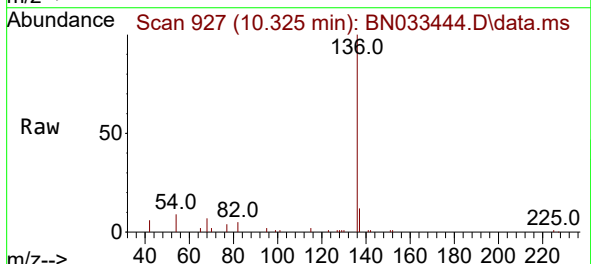
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

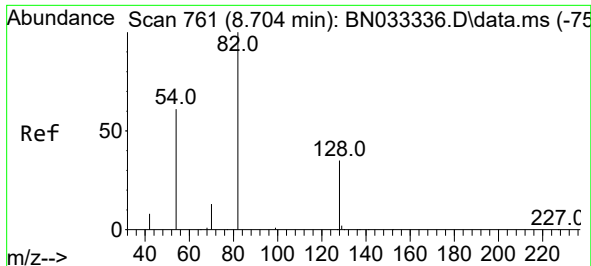
Tgt Ion: 99 Resp: 3069
Ion Ratio Lower Upper
99 100
42 27.2 18.5 27.7
71 54.9 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion: 136 Resp: 21803
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 9.3 9.4 14.0#
68 7.4 7.0 10.4

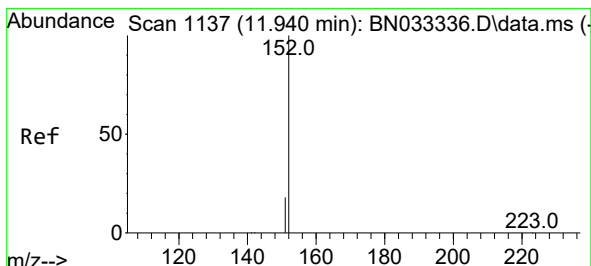
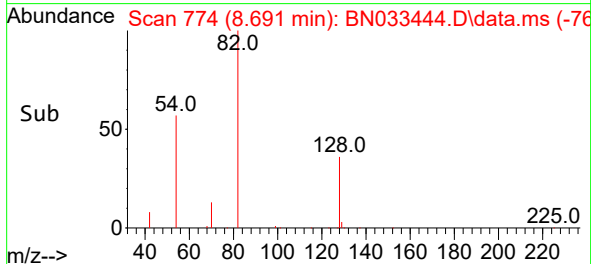
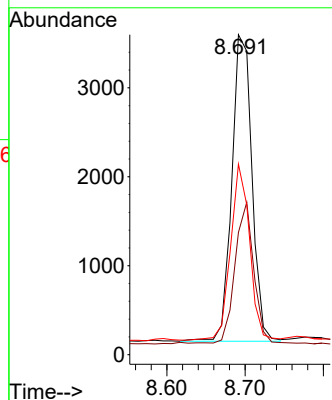
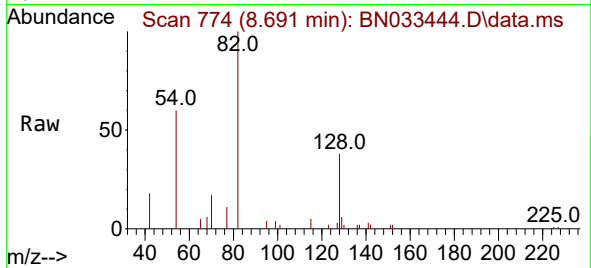




#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

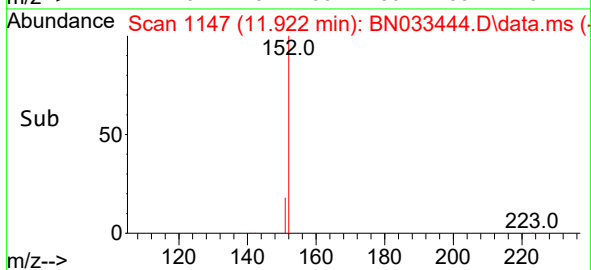
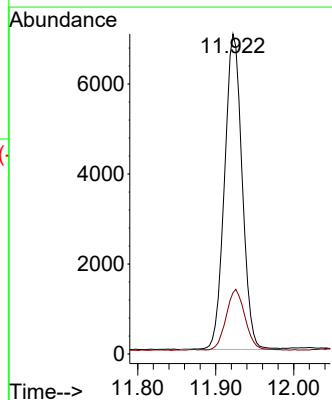
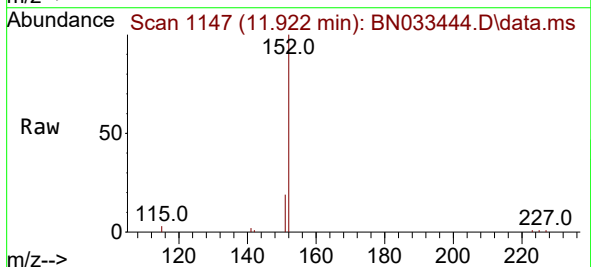
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

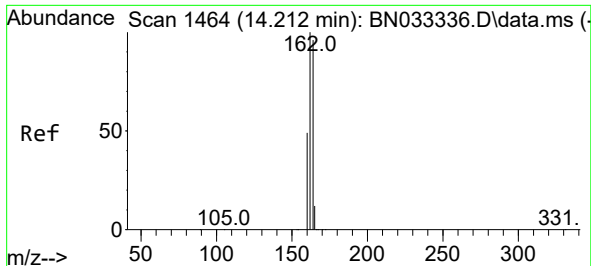
Tgt Ion: 82 Resp: 6152
Ion Ratio Lower Upper
82 100
128 38.2 29.0 43.4
54 59.6 50.2 75.4



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.922 min Scan# 1147
Delta R.T. -0.008 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion: 152 Resp: 10973
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1

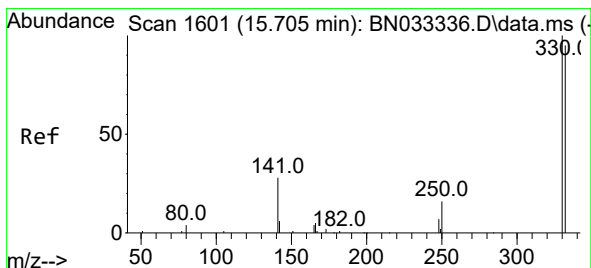
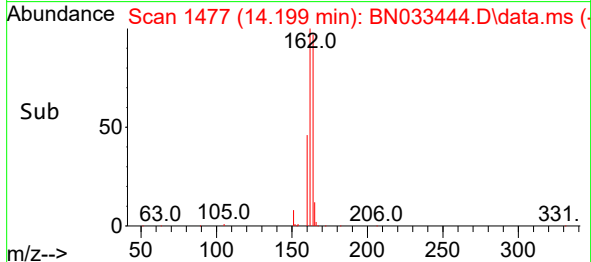
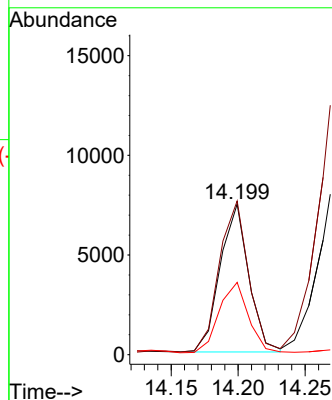
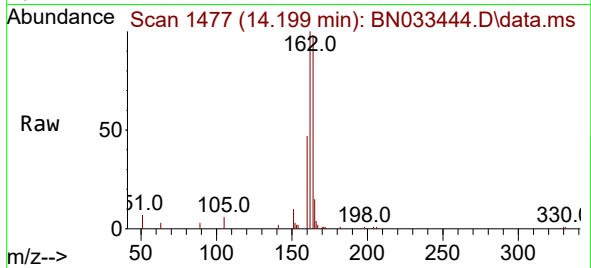




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

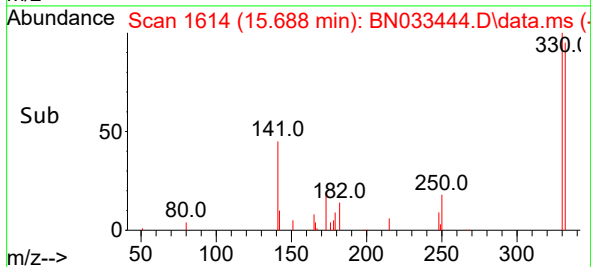
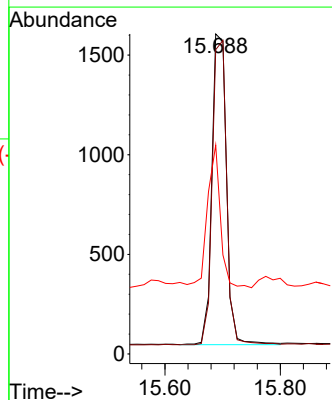
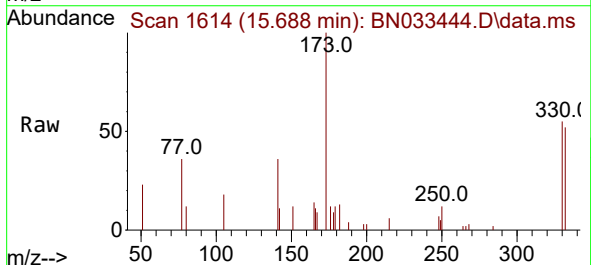
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

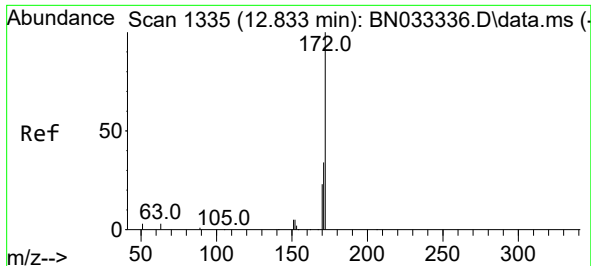
Tgt Ion:164 Resp: 11048
Ion Ratio Lower Upper
164 100
162 102.1 83.1 124.7
160 48.0 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:330 Resp: 2736
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 40.2 33.4 50.0

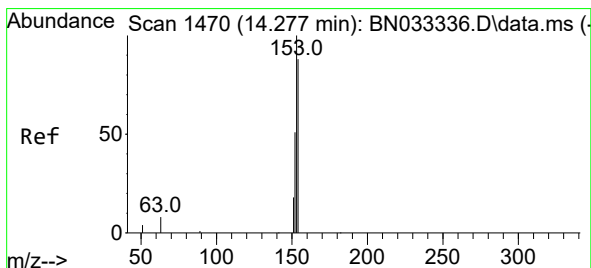
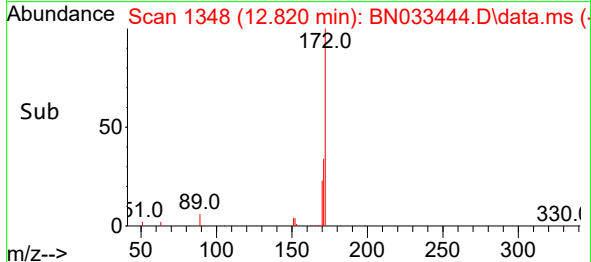
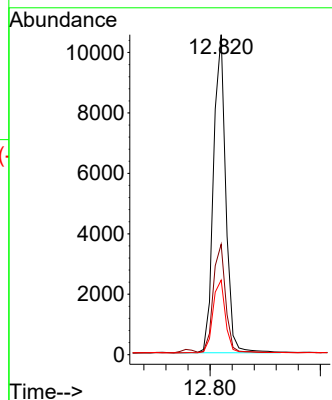
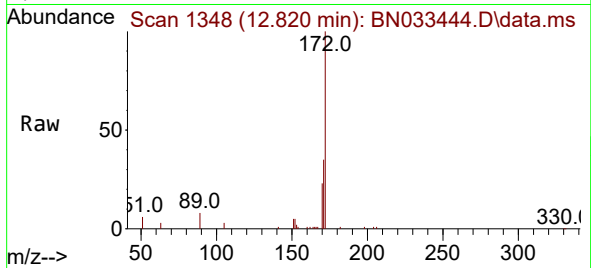




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

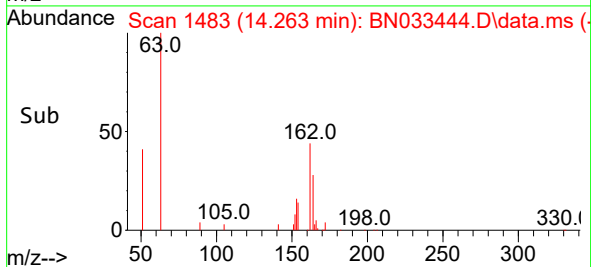
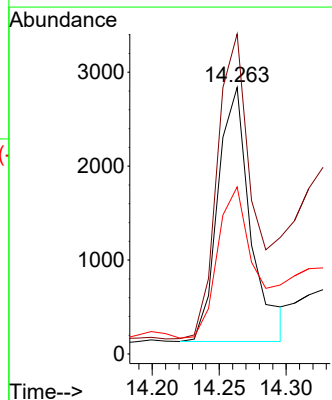
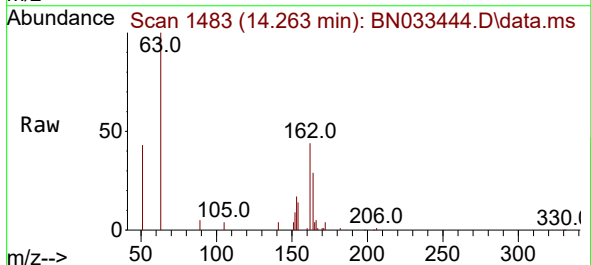
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

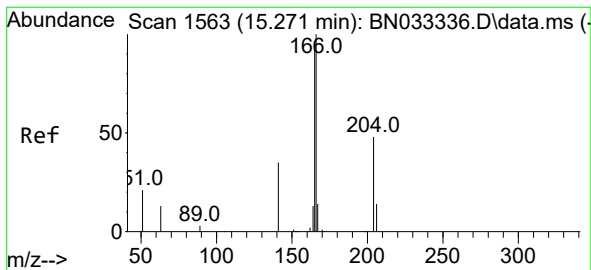
Tgt Ion:172 Resp: 16295
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.3 18.7 28.1



#17
Acenaphthene
Concen: 0.130 ng
RT: 14.263 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:154 Resp: 4605
Ion Ratio Lower Upper
154 100
153 125.8 89.7 134.5
152 71.8 47.2 70.8#





#18

Fluorene

Concen: 0.197 ng

RT: 15.258 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

Instrument :

BNA_N

ClientSampleId :

920-J-WPO-0.25-081424

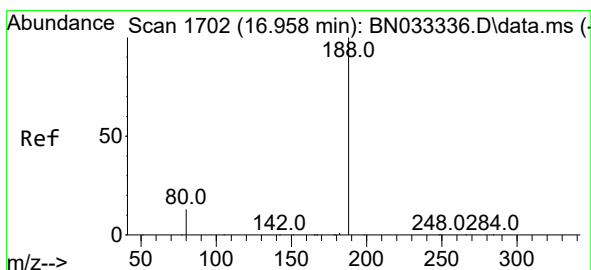
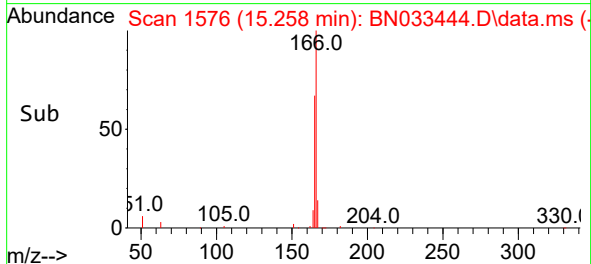
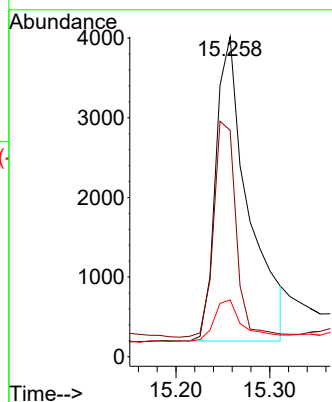
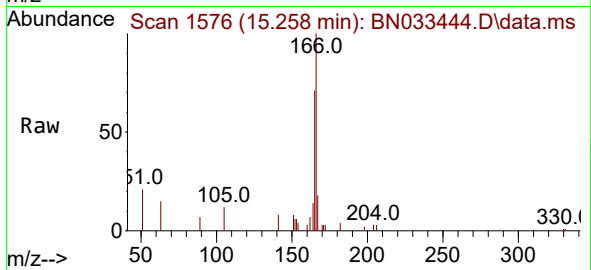
Tgt Ion:166 Resp: 9189

Ion Ratio Lower Upper

166 100

165 49.0 78.0 117.0#

167 12.9 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: BN033444.D

Acq: 16 Aug 2024 23:16

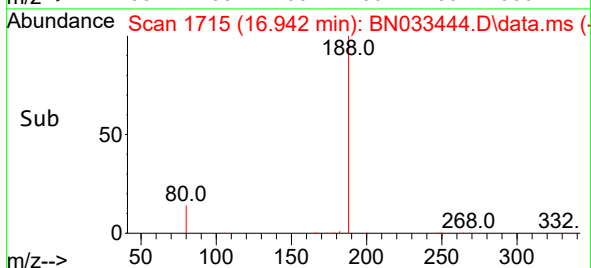
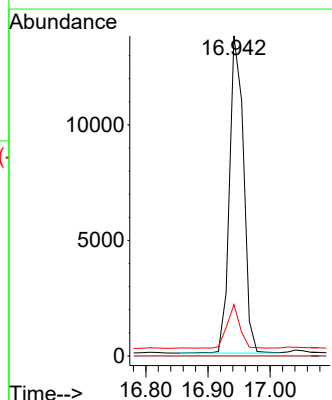
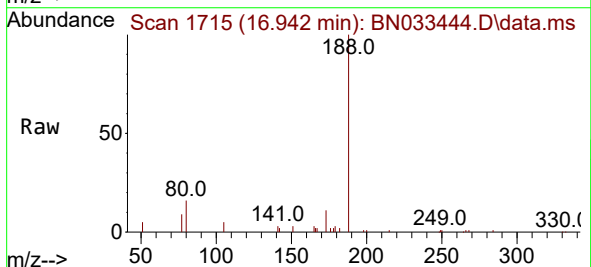
Tgt Ion:188 Resp: 21542

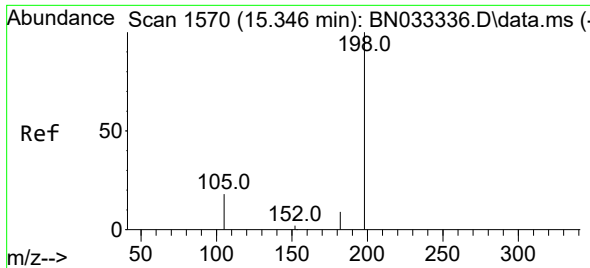
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 10.7 16.1

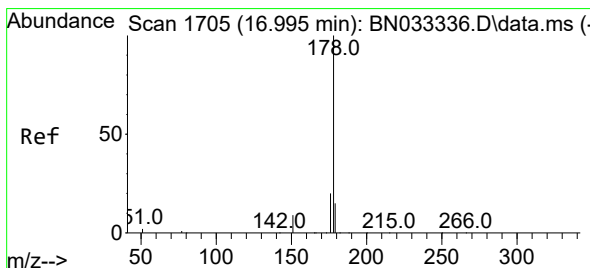
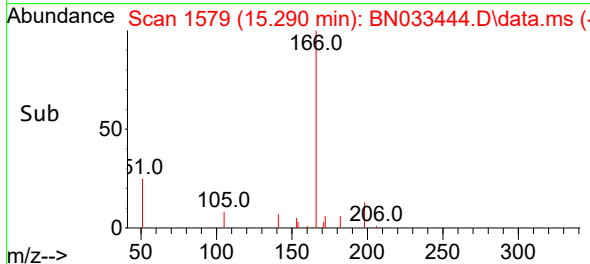
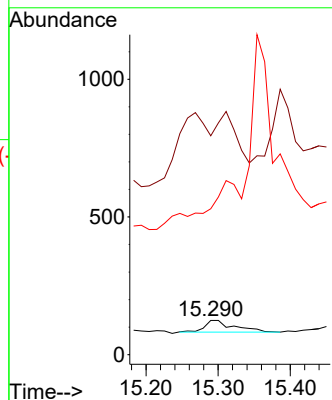
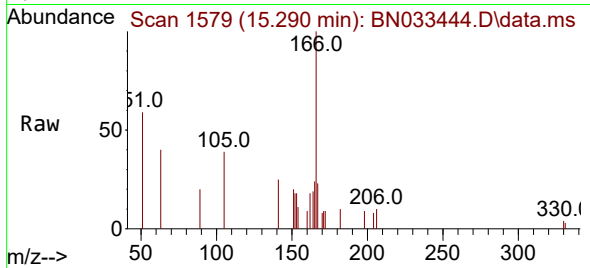




#20
4,6-Dinitro-2-methylphenol
Concen: 0.046 ng
RT: 15.290 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

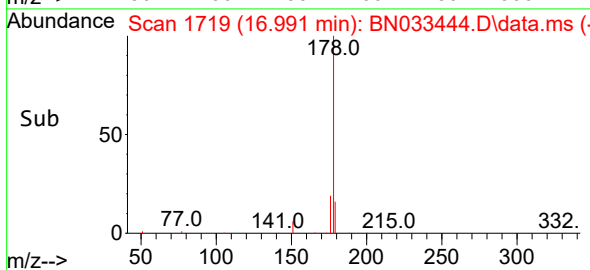
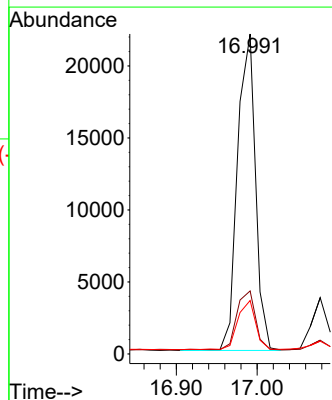
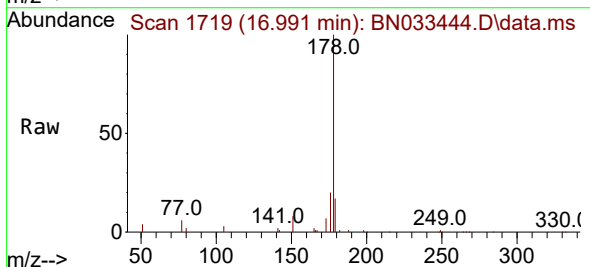
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

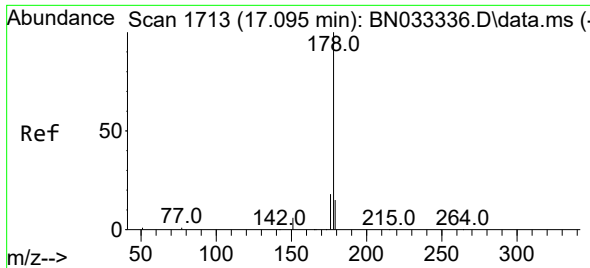
Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 641.1 62.8 94.2#
105 427.4 34.1 51.1#



#25
Phenanthrene
Concen: 0.547 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:178 Resp: 34011
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.2

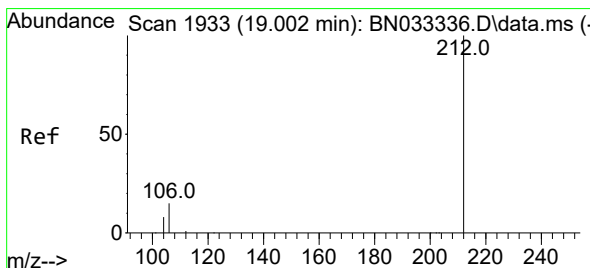
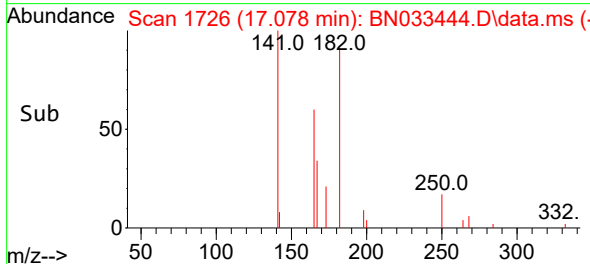
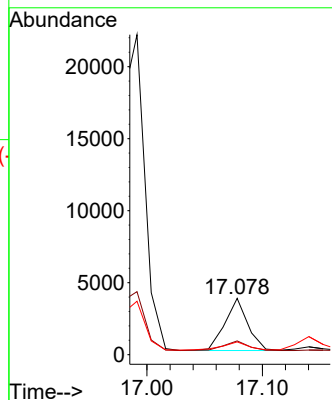
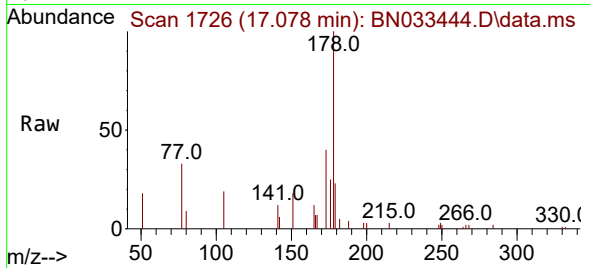




#26
 Anthracene
 Concen: 0.090 ng
 RT: 17.078 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

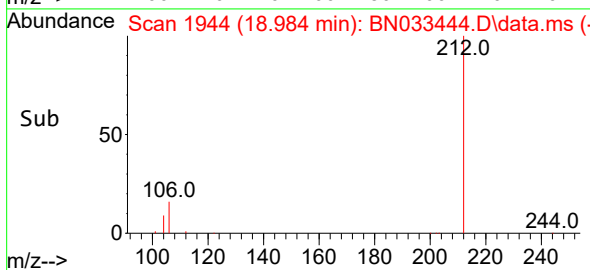
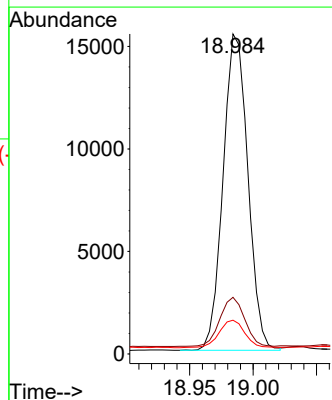
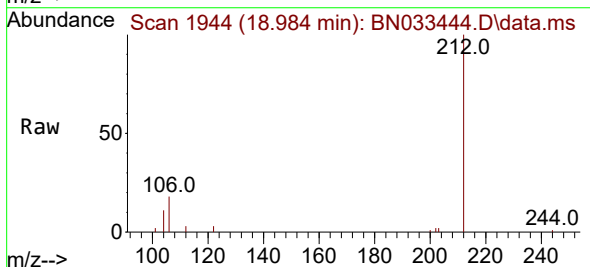
Instrument :
 BNA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

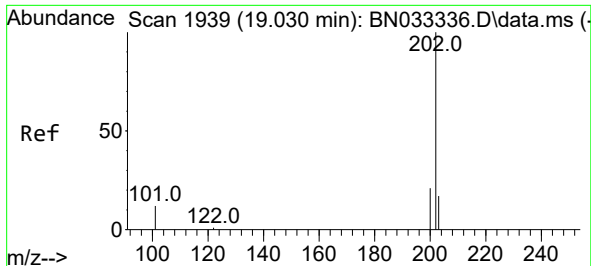
Tgt Ion:178 Resp: 4973
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.7 22.1
 179 17.2 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 18.984 min Scan# 1944
 Delta R.T. -0.009 min
 Lab File: BN033444.D
 Acq: 16 Aug 2024 23:16

Tgt Ion:212 Resp: 20968
 Ion Ratio Lower Upper
 212 100
 106 15.5 12.8 19.2
 104 9.1 7.1 10.7

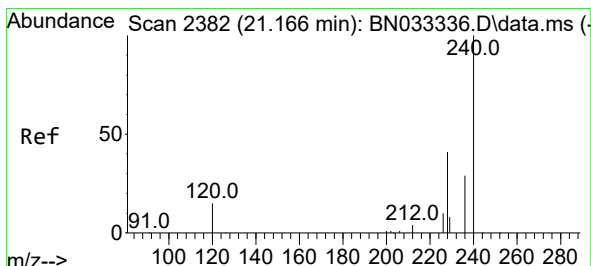
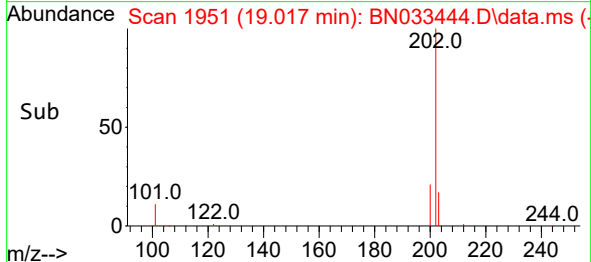
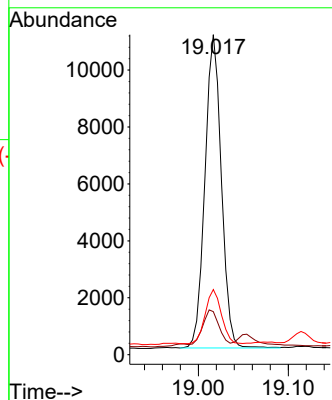
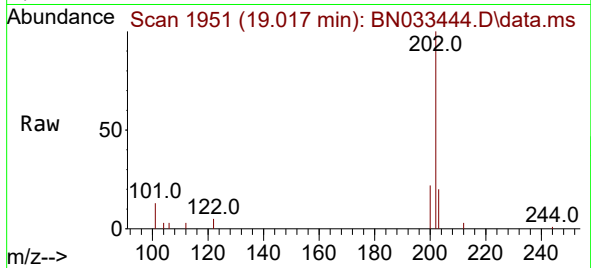




#28
Fluoranthene
Concen: 0.183 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

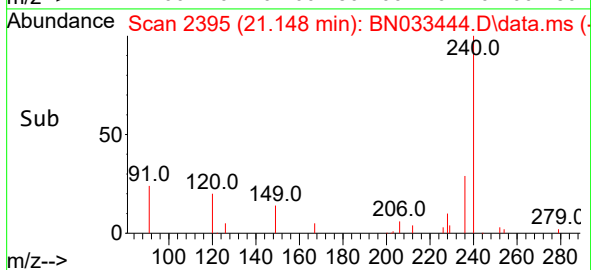
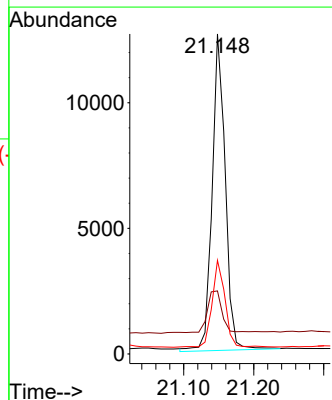
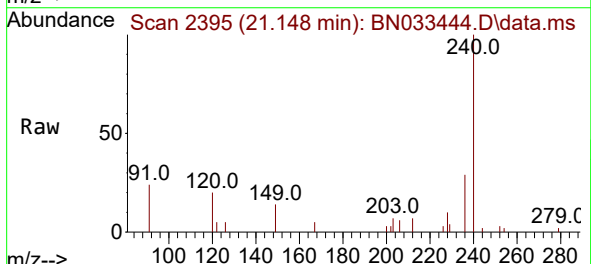
Instrument :
BNA_N
ClientSampleId :
920-J-WPO-0.25-081424

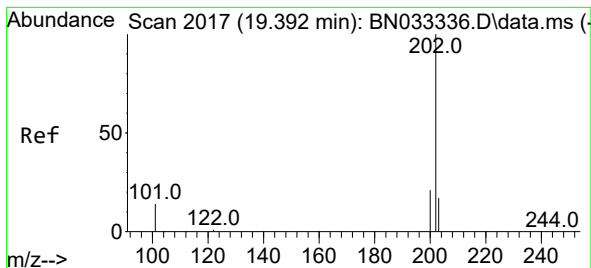
Tgt Ion:202 Resp: 13992
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
203 17.0 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033444.D
Acq: 16 Aug 2024 23:16

Tgt Ion:240 Resp: 16436
Ion Ratio Lower Upper
240 100
120 19.7 13.0 19.6#
236 29.3 23.2 34.8





#30

Pyrene

Concen: 0.130 ng

RT: 19.379 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

Instrument :

BNA_N

ClientSampleId :

920-J-WPO-0.25-081424

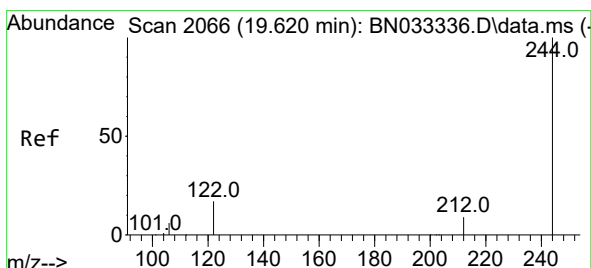
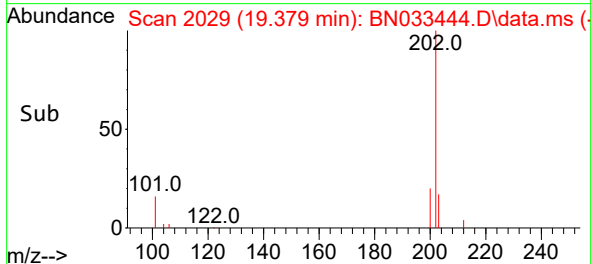
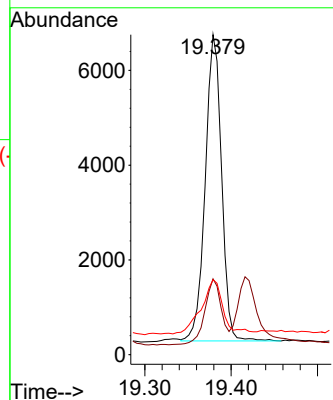
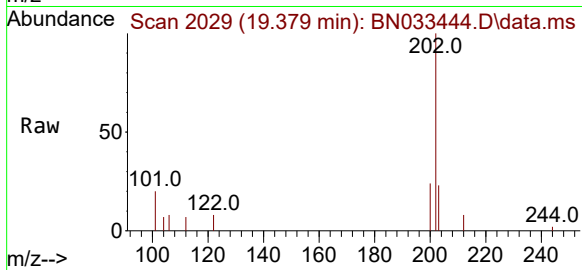
Tgt Ion:202 Resp: 8512

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

203 23.4 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.581 ng

RT: 19.602 min Scan# 2077

Delta R.T. -0.005 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

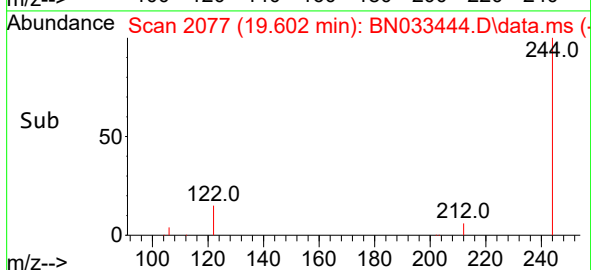
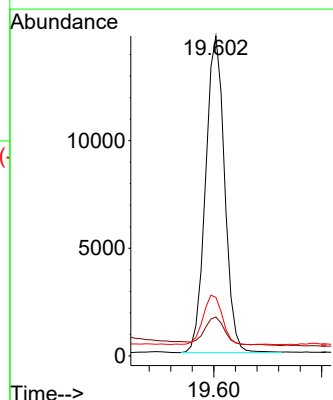
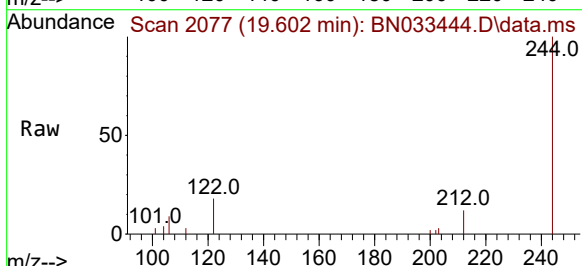
Tgt Ion:244 Resp: 18028

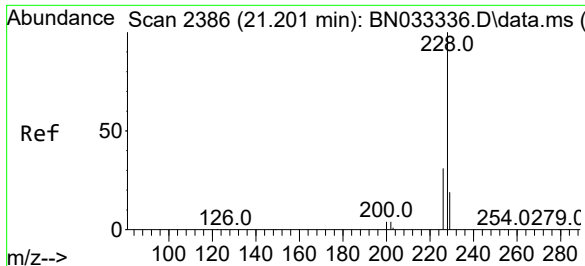
Ion Ratio Lower Upper

244 100

212 12.2 7.7 11.5#

122 18.3 14.0 21.0





#33

Chrysene

Concen: 0.033 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

Instrument :

BNA_N

ClientSampleId :

920-J-WPO-0.25-081424

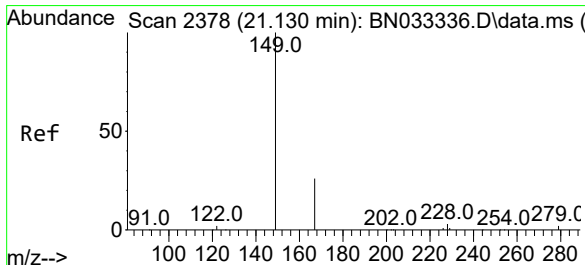
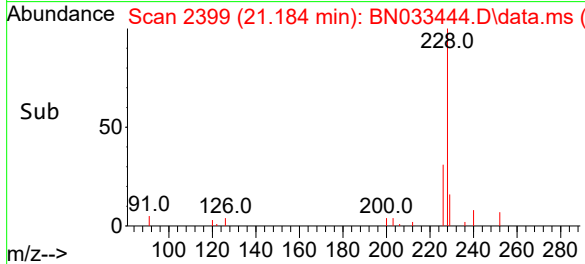
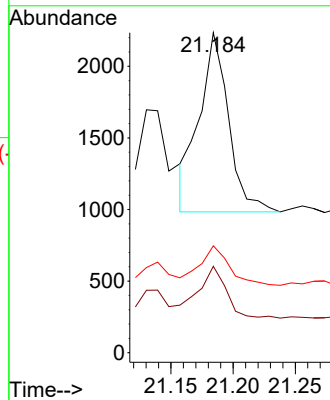
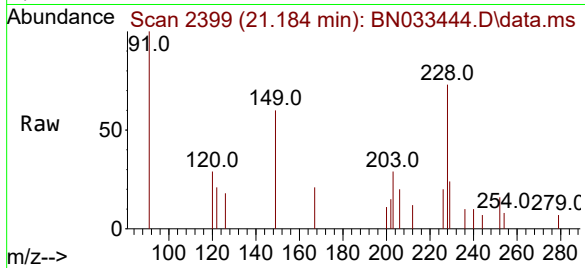
Tgt Ion:228 Resp: 2050

Ion Ratio Lower Upper

228 100

226 27.0 24.7 37.1

229 33.4 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.103 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

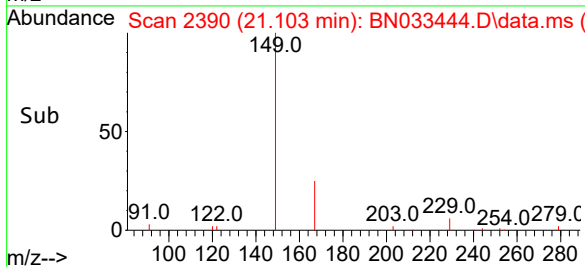
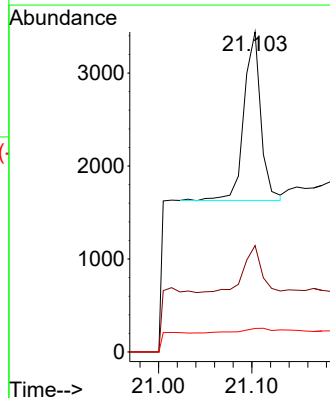
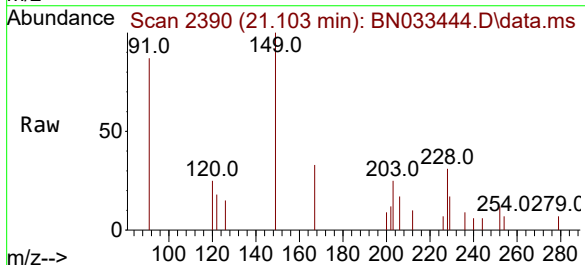
Tgt Ion:149 Resp: 2278

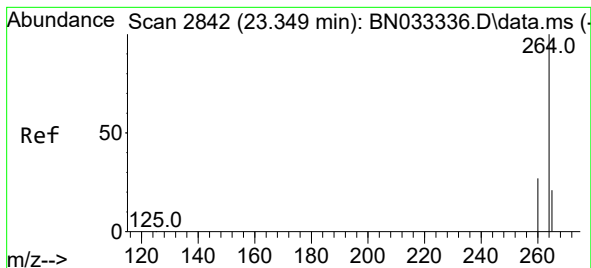
Ion Ratio Lower Upper

149 100

167 31.1 20.9 31.3

279 8.0 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.320 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

Instrument :

BNA_N

ClientSampleId :

920-J-WPO-0.25-081424

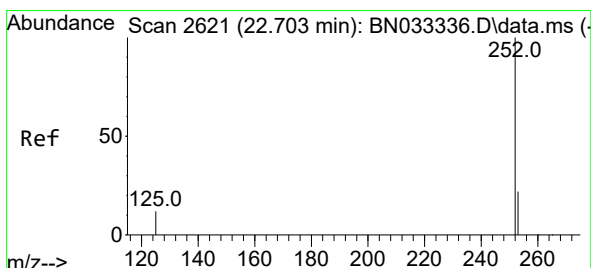
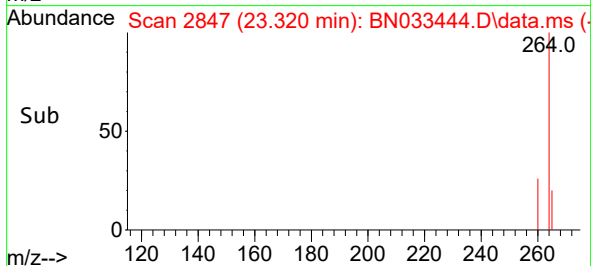
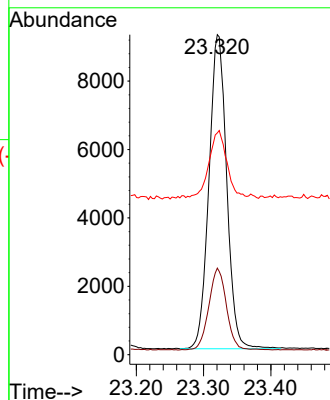
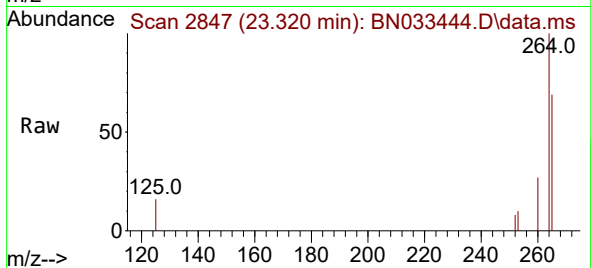
Tgt Ion:264 Resp: 16824

Ion Ratio Lower Upper

264 100

260 27.0 21.6 32.4

265 69.3 29.3 43.9#



#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.677 min Scan# 2627

Delta R.T. -0.009 min

Lab File: BN033444.D

Acq: 16 Aug 2024 23:16

Tgt Ion:252 Resp: 1775

Ion Ratio Lower Upper

252 100

253 70.6 18.2 27.2#

125 96.7 11.3 16.9#

