

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033438.D
 Acq On : 16 Aug 2024 19:39
 Operator : MA/JU
 Sample : P3450-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 923-K1-WP0-0.25-080124

Quant Time: Aug 17 00:46:05 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)

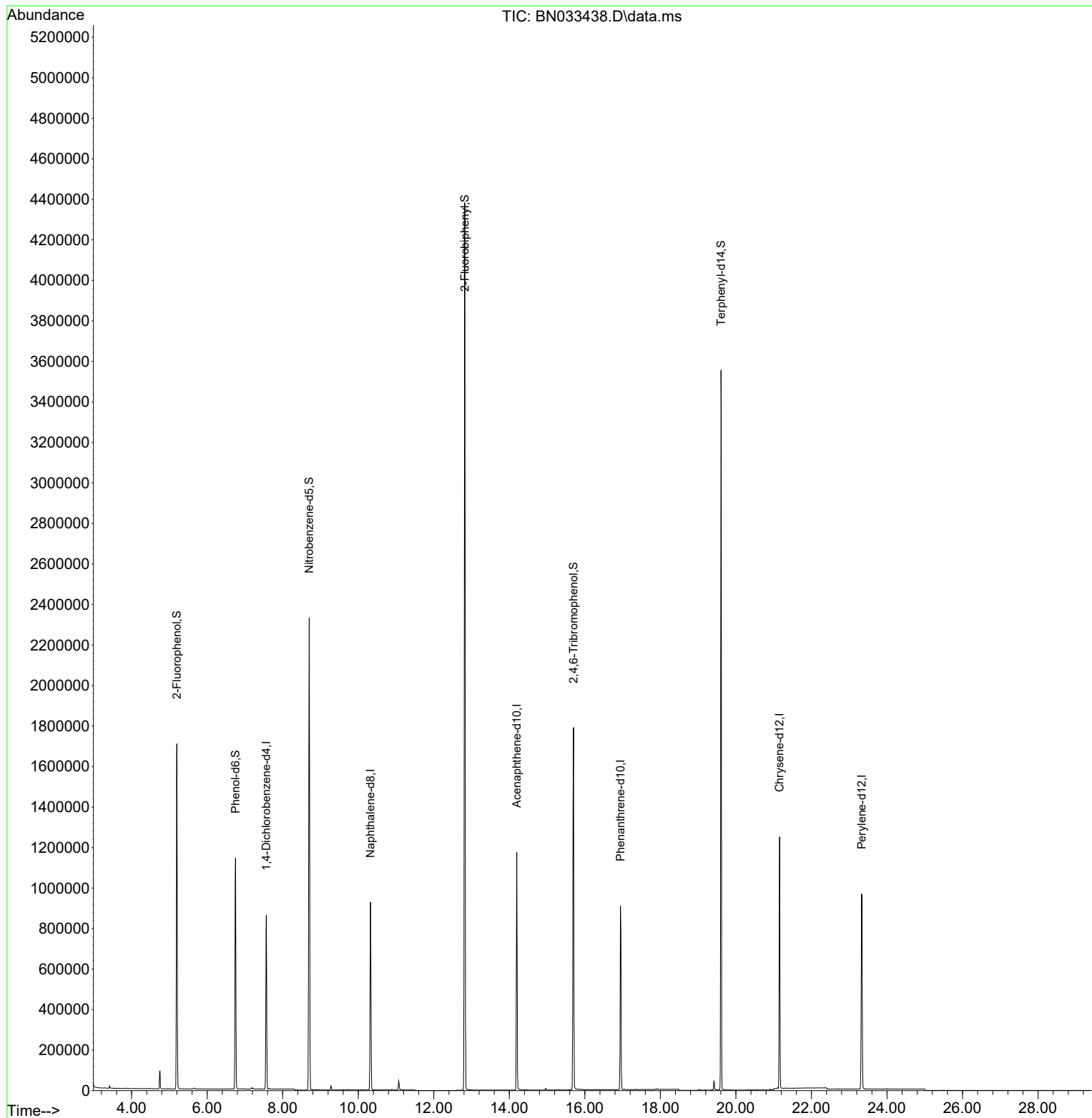
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	407861	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1145313	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	640281	20.000	ng	0.00
19) Phenanthrene-d10	16.941	188	1283961	20.000	ng	-0.01
29) Chrysene-d12	21.157	240	1072215	20.000	ng	# 0.00
35) Perylene-d12	23.332	264	1141348	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	1250335	55.495	ng	0.00
5) Phenol-d6	6.750	99	990232	32.539	ng	0.00
8) Nitrobenzene-d5	8.702	82	1729391	100.100	ng	0.00
11) 2-Methylnaphthalene-d10	11.914	152	13	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.700	330	1041383	158.505	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3741792	71.282	ng	0.00
27) Fluoranthene-d10	18.989	212	113	0.002	ng	0.00
31) Terphenyl-d14	19.606	244	3353075	82.766	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.414	42	2113	0.181	ng	# 1
18) Fluorene	15.257	166	2630	0.049	ng	# 34
24) Pentachlorophenol	16.606	266	147	0.021	ng	93
25) Phenanthrene	16.991	178	1556	0.021	ng	# 78
28) Fluoranthene	19.016	202	2270	0.025	ng	# 96
30) Pyrene	19.379	202	1745	0.020	ng	# 86
32) Benzo(a)anthracene	21.157	228	5173	0.065	ng	# 69
33) Chrysene	21.157	228	5288	0.066	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.103	149	3468	0.095	ng	# 99

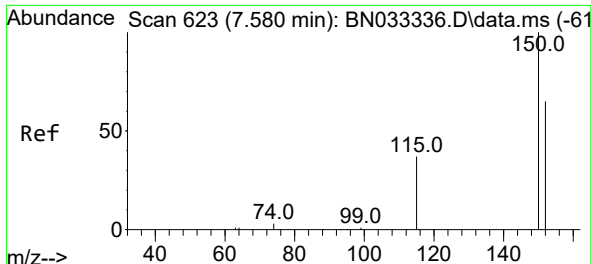
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033438.D
Acq On : 16 Aug 2024 19:39
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Instrument :
BNA_N
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923-K1-WP0-0.25-080124

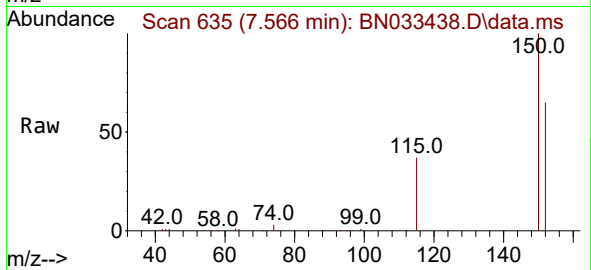
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



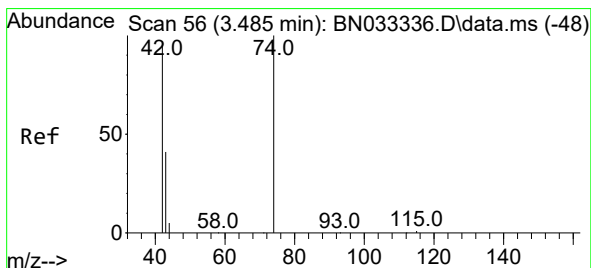
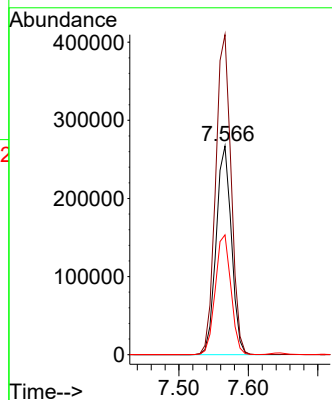
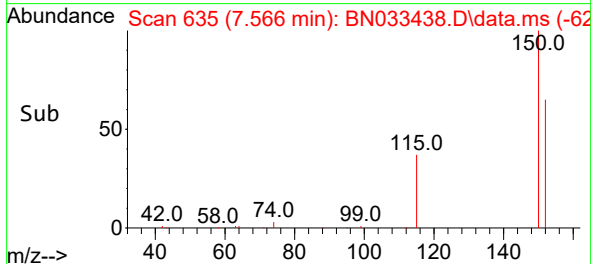


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

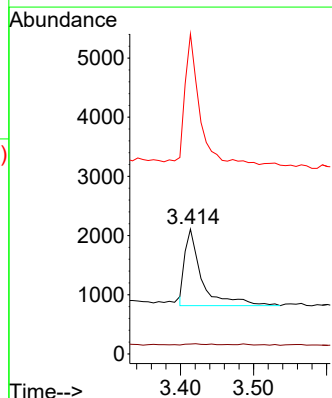
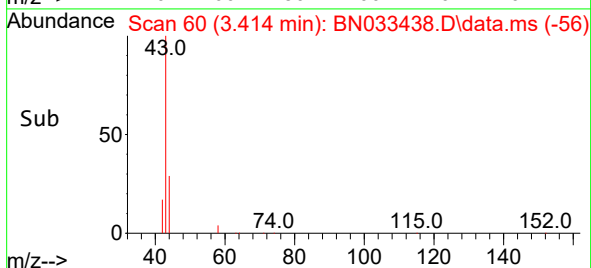
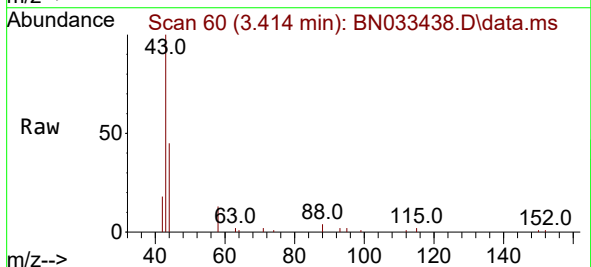


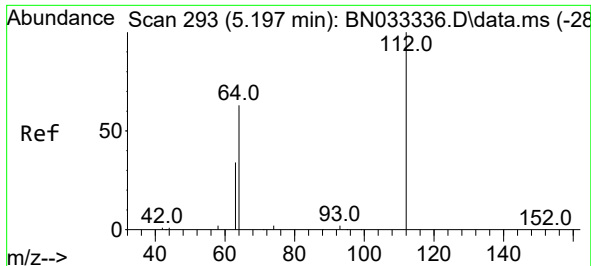
Tgt Ion:152 Resp: 407861
Ion Ratio Lower Upper
152 100
150 153.3 122.3 183.5
115 57.4 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.181 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion: 42 Resp: 2113
Ion Ratio Lower Upper
42 100
74 1.8 89.0 133.6#
44 124.8 11.0 16.4#

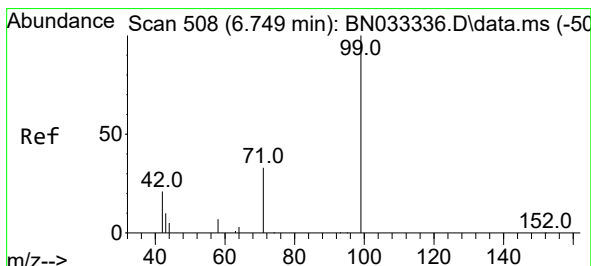
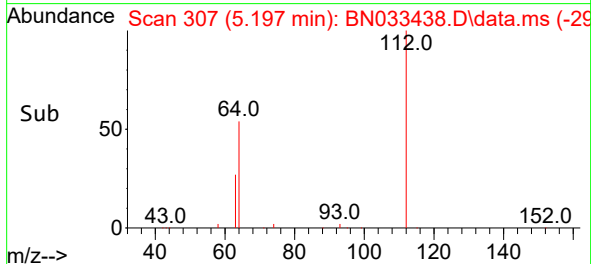
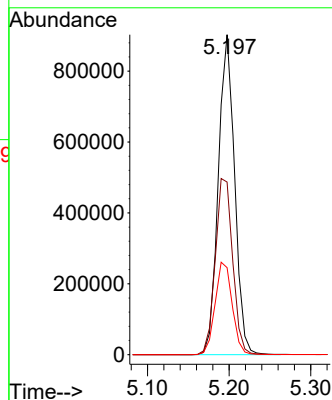
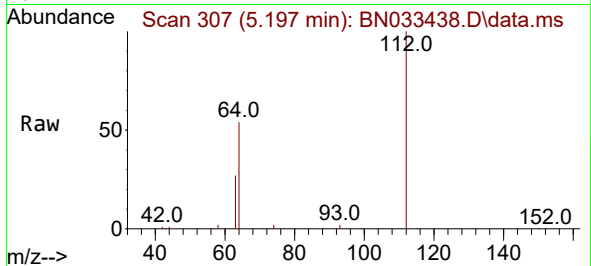




#4
2-Fluorophenol
Concen: 55.495 ng
RT: 5.197 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

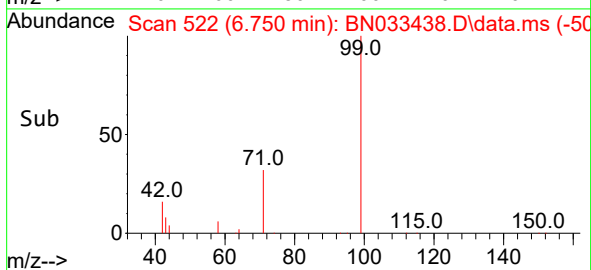
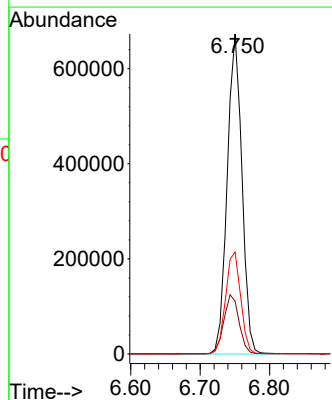
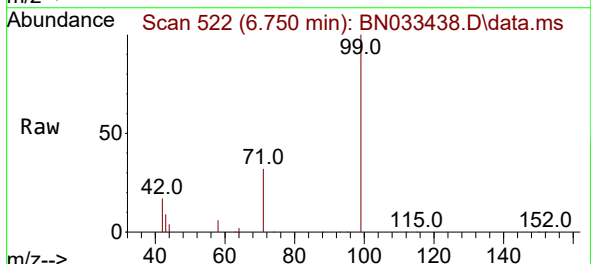
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

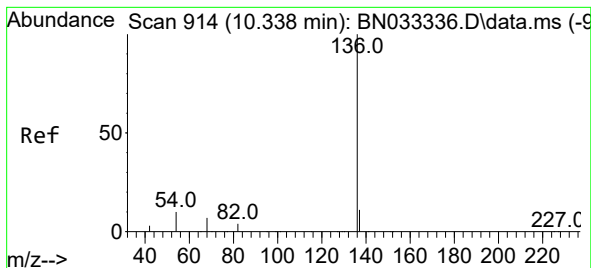
Tgt Ion:112 Resp: 1250335
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.3 25.4 38.2



#5
Phenol-d6
Concen: 32.539 ng
RT: 6.750 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion: 99 Resp: 990232
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.8 26.2 39.2





#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.325 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124

Tgt Ion:136 Resp: 1145313

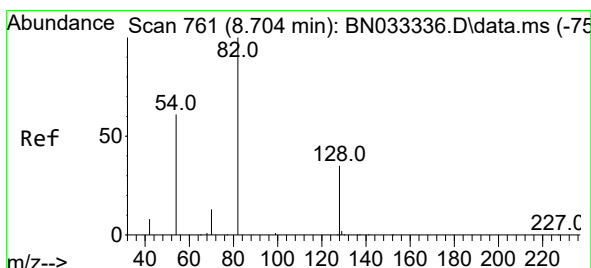
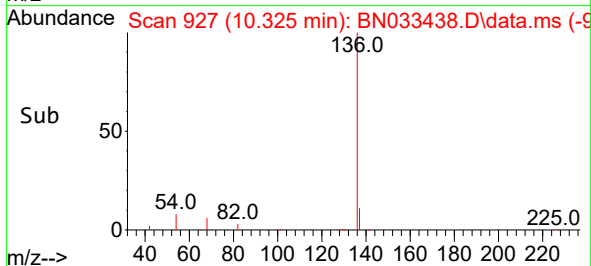
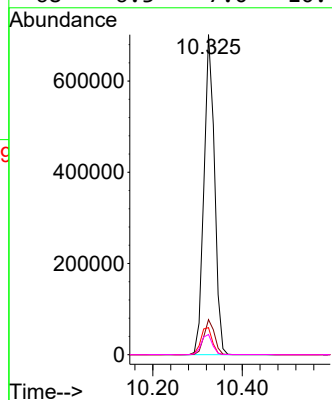
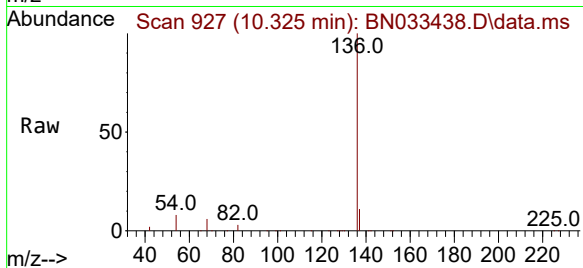
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.5 9.4 14.0#

68 6.3 7.0 10.4#



#8

Nitrobenzene-d5

Concen: 100.100 ng

RT: 8.702 min Scan# 775

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

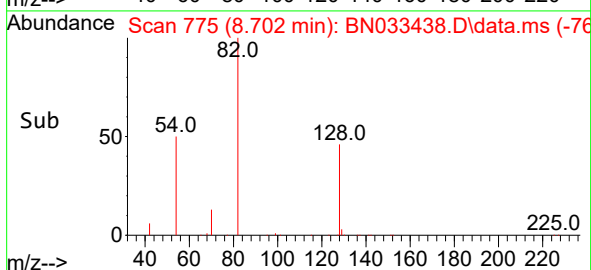
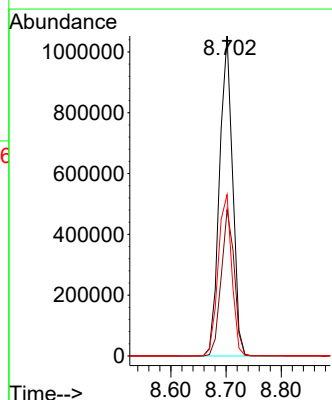
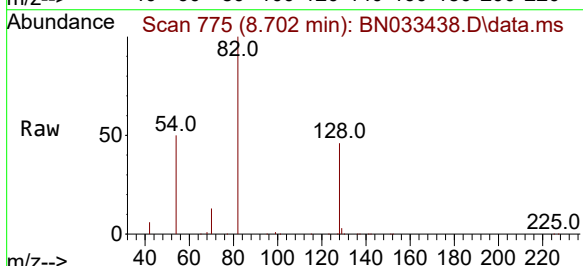
Tgt Ion: 82 Resp: 1729391

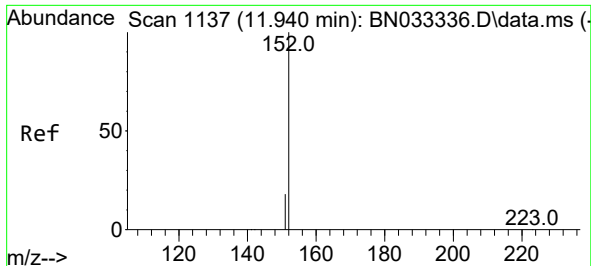
Ion Ratio Lower Upper

82 100

128 45.7 29.0 43.4#

54 50.4 50.2 75.4

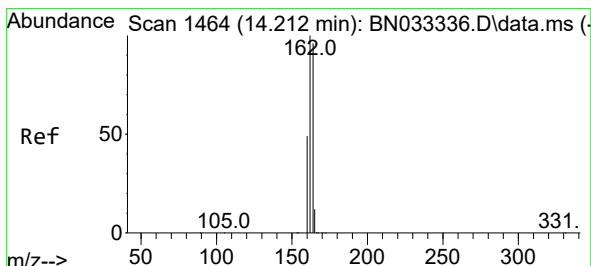
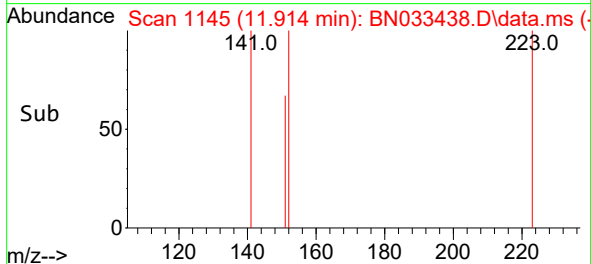
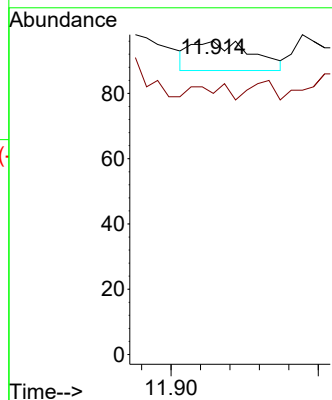
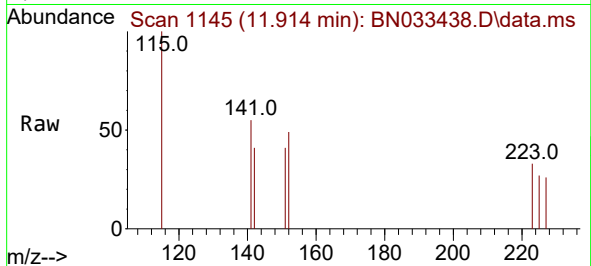




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.914 min Scan# 1137
Delta R.T. -0.015 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

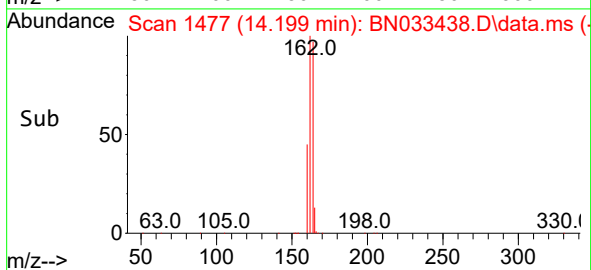
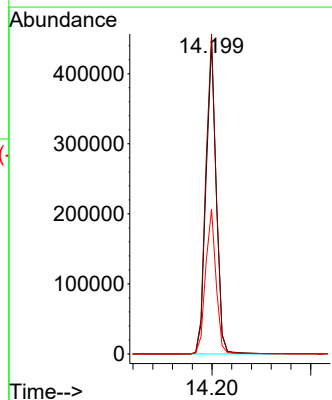
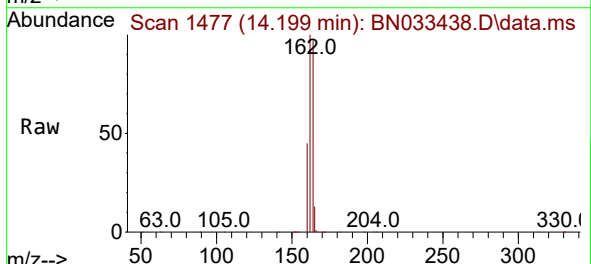
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

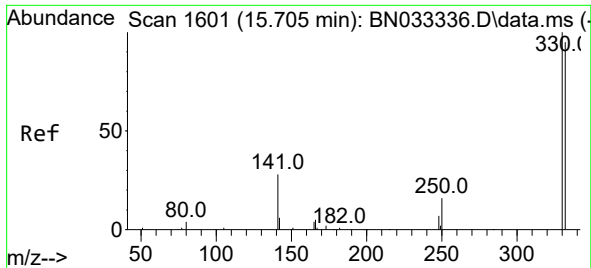
Tgt Ion:152 Resp: 13
Ion Ratio Lower Upper
152 100
151 38.5 16.7 25.1#



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:164 Resp: 640281
Ion Ratio Lower Upper
164 100
162 102.6 83.1 124.7
160 46.4 41.1 61.7

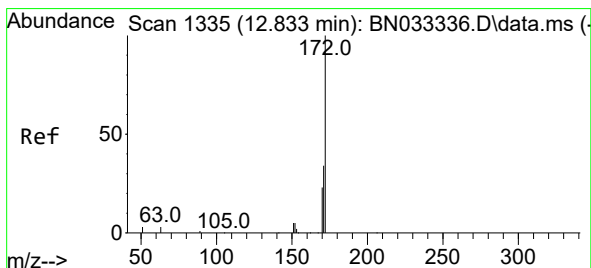
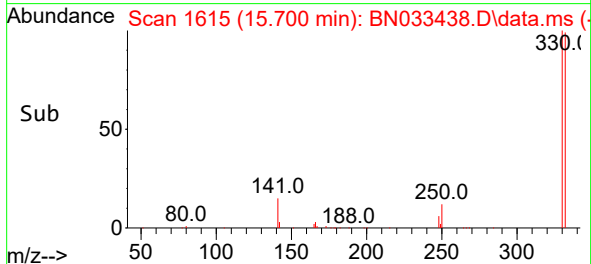
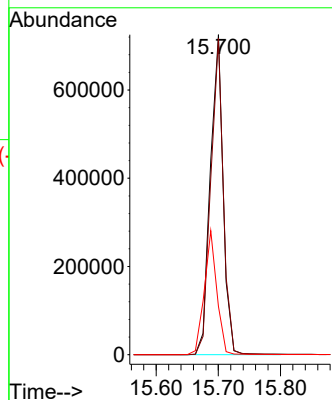
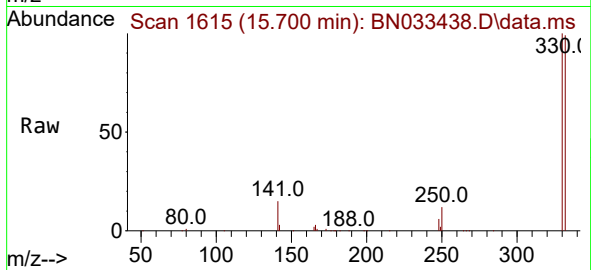




#14
2,4,6-Tribromophenol
Concen: 158.505 ng
RT: 15.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

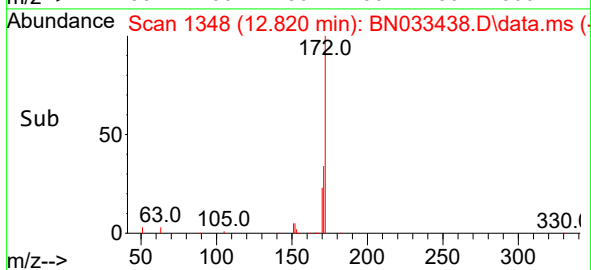
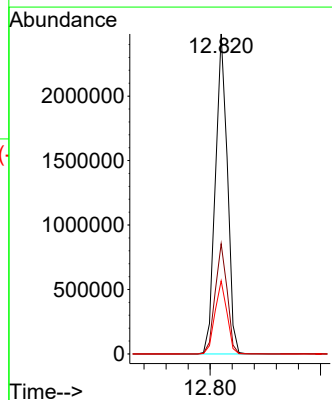
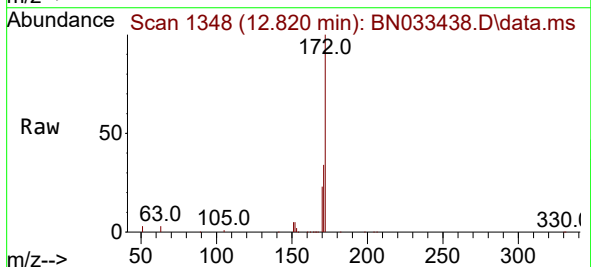
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

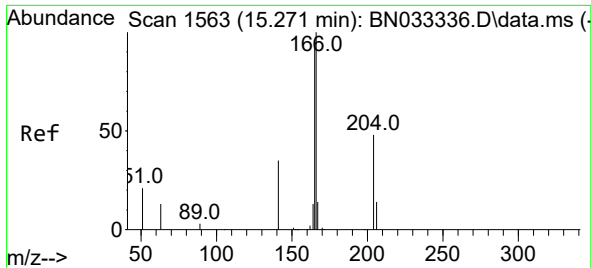
Tgt Ion:330 Resp: 1041383
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.0 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 71.282 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:172 Resp: 3741792
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.9 18.7 28.1

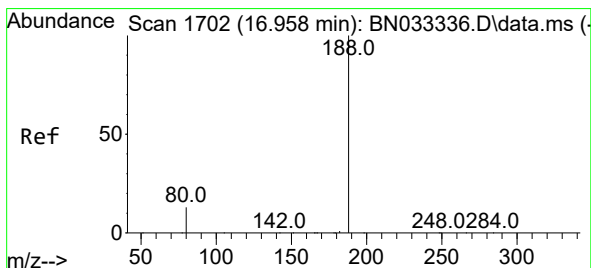
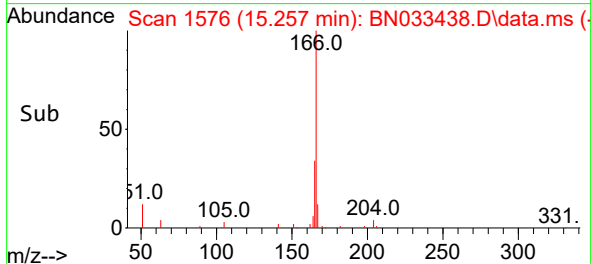
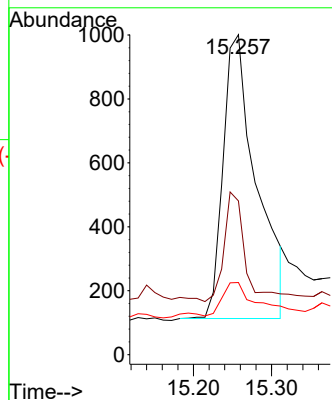
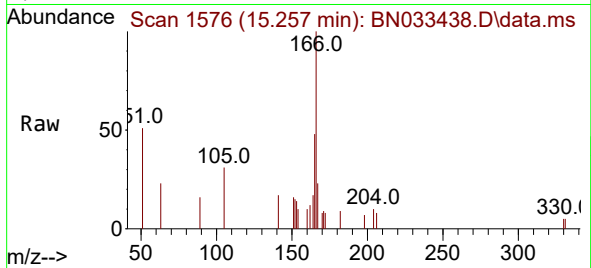




#18
Fluorene
Concen: 0.049 ng
RT: 15.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

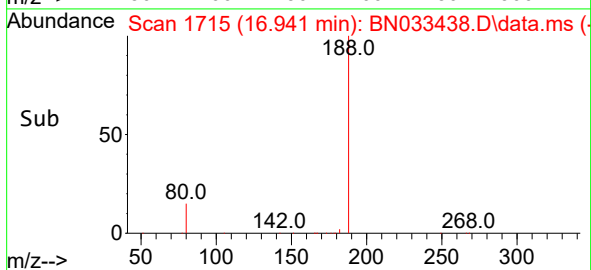
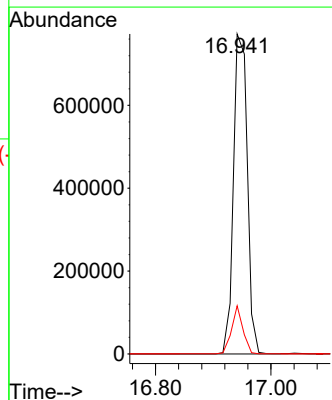
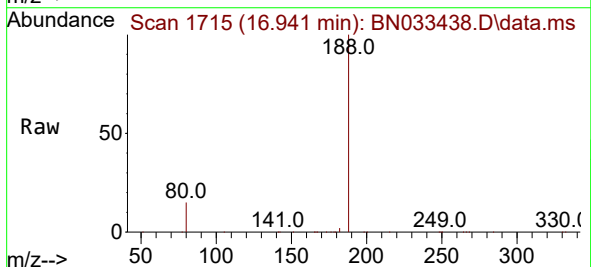
Instrument :
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923-K1-WP0-0.25-080124

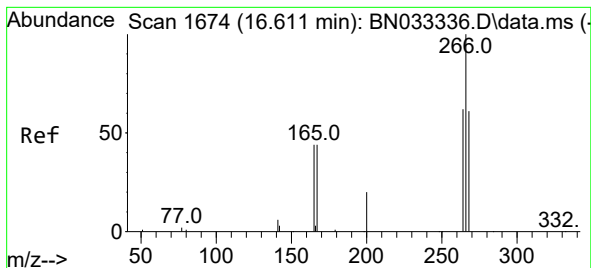
Tgt Ion:166 Resp: 2630
Ion Ratio Lower Upper
166 100
165 23.9 78.0 117.0#
167 11.5 10.7 16.1



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.941 min Scan# 1715
Delta R.T. -0.013 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:188 Resp: 1283961
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.7 16.1





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.606 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124

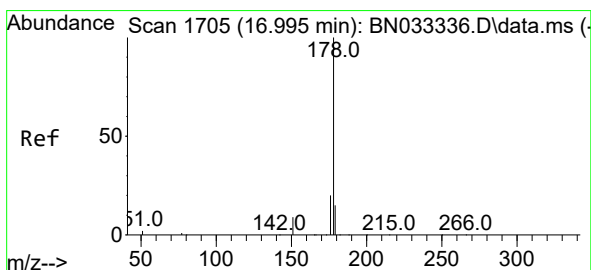
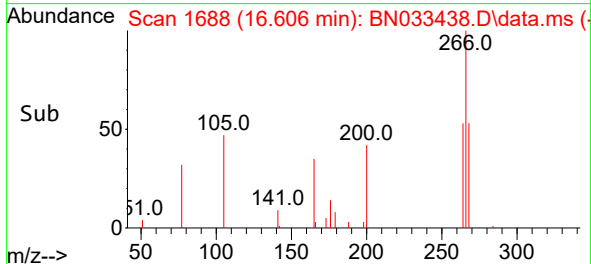
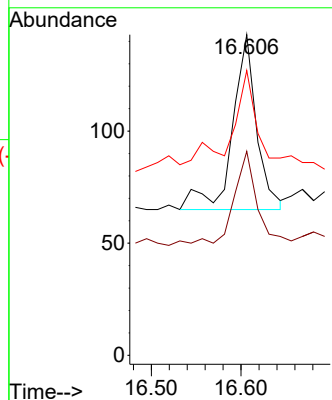
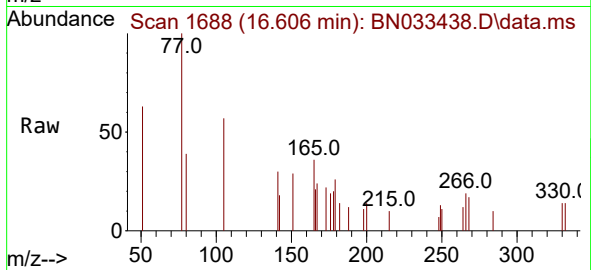
Tgt Ion:266 Resp: 147

Ion Ratio Lower Upper

266 100

264 53.1 49.2 73.8

268 66.7 51.2 76.8



#25

Phenanthrene

Concen: 0.021 ng

RT: 16.991 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

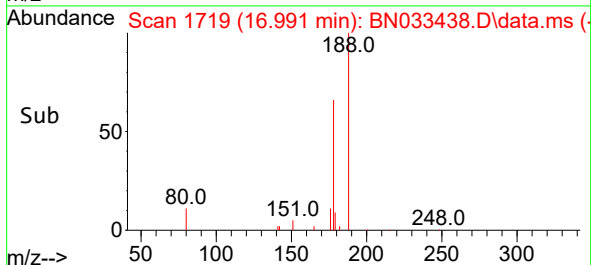
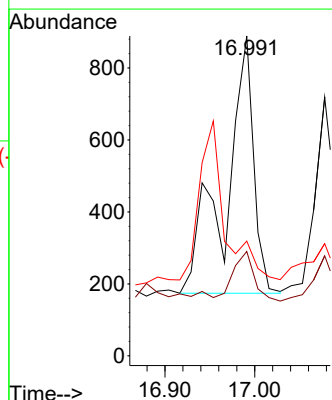
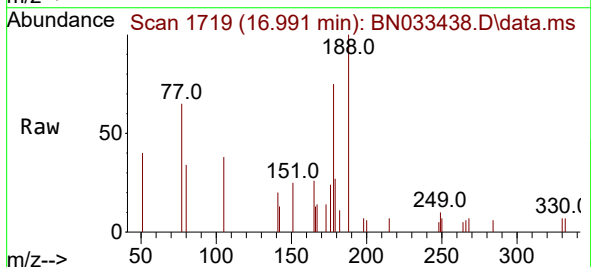
Tgt Ion:178 Resp: 1556

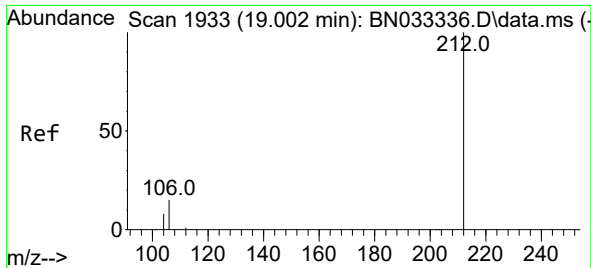
Ion Ratio Lower Upper

178 100

176 14.5 15.4 23.0#

179 0.0 12.2 18.2#

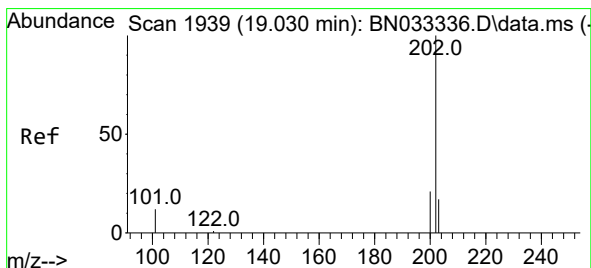
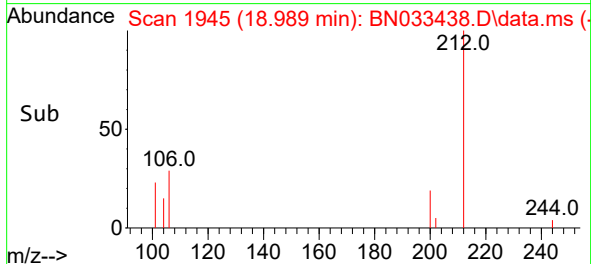
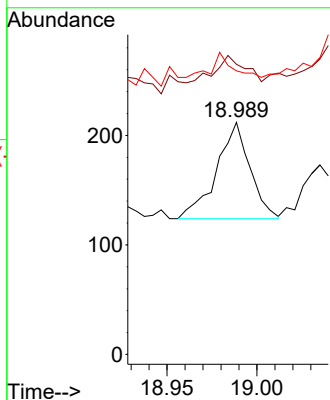
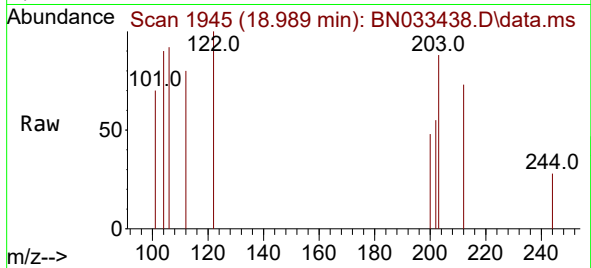




#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 18.989 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

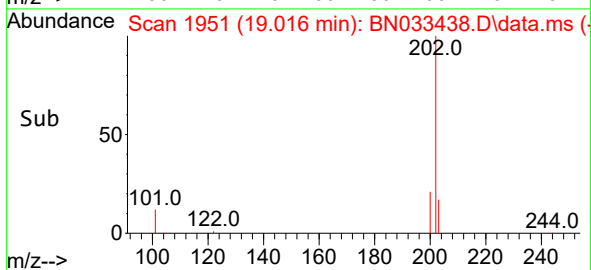
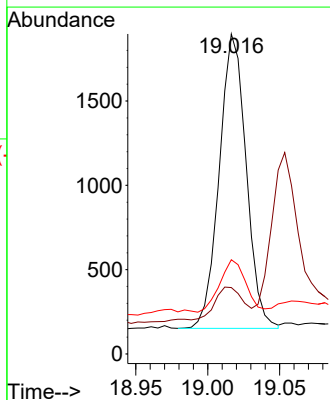
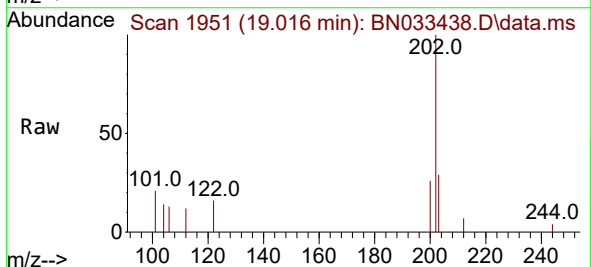
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

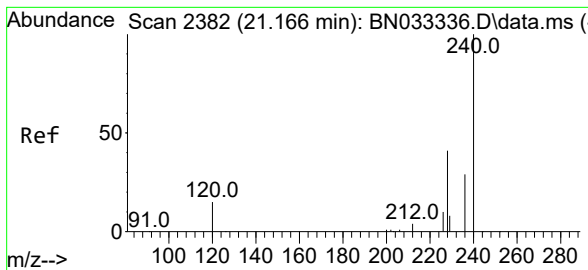
Tgt Ion:212 Resp: 113
Ion Ratio Lower Upper
212 100
106 24.8 12.8 19.2#
104 15.0 7.1 10.7#



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.016 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:202 Resp: 2270
Ion Ratio Lower Upper
202 100
101 15.6 9.8 14.6#
203 17.2 13.8 20.6

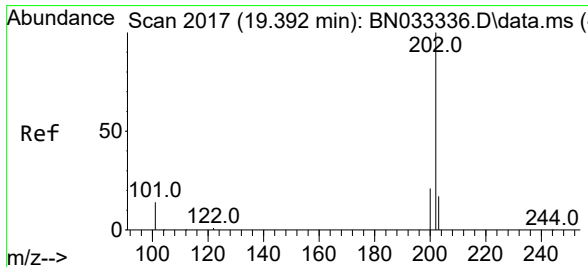
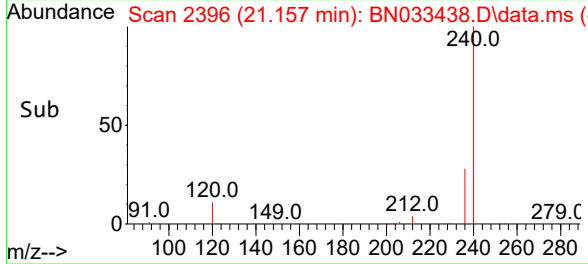
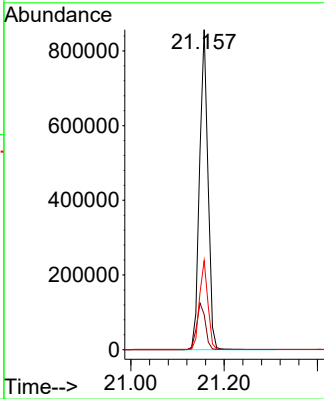
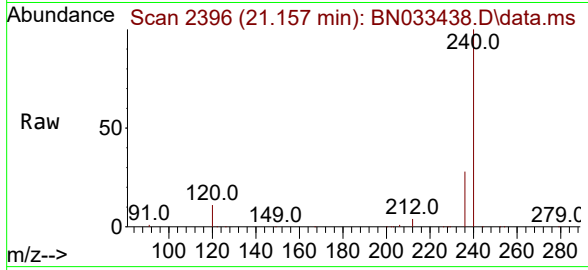




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

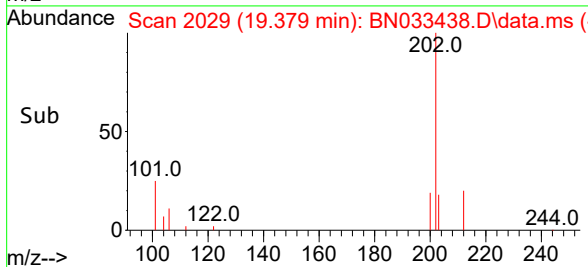
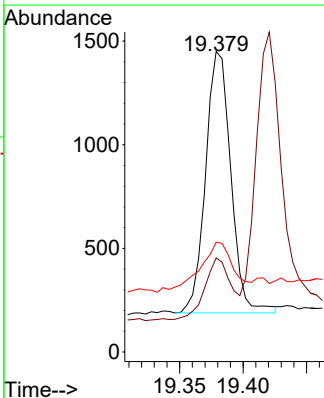
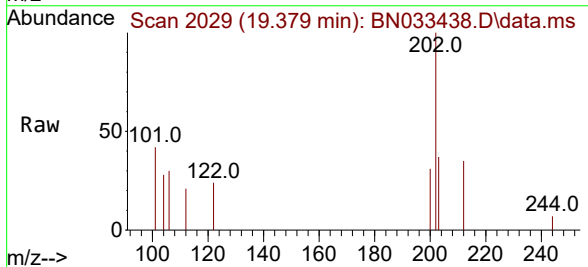
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

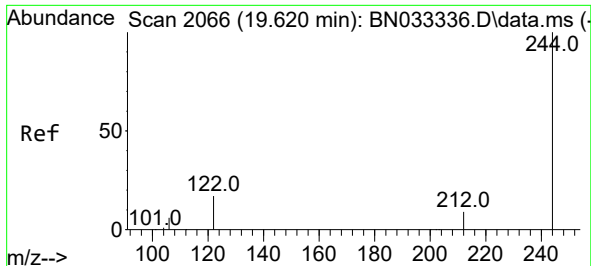
Tgt Ion:240 Resp: 1072215
Ion Ratio Lower Upper
240 100
120 11.0 13.0 19.6#
236 27.9 23.2 34.8



#30
Pyrene
Concen: 0.020 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:202 Resp: 1745
Ion Ratio Lower Upper
202 100
200 26.0 16.7 25.1#
203 25.7 14.2 21.4#

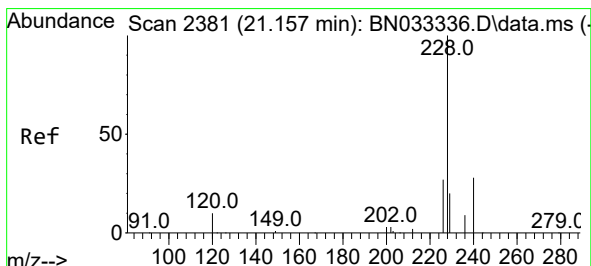
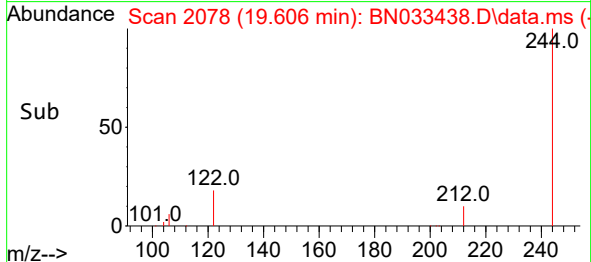
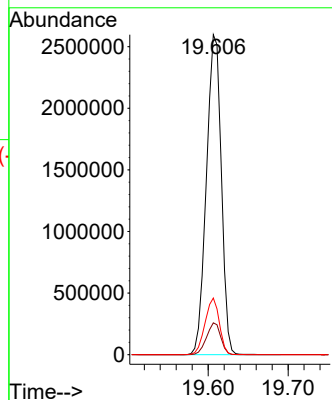
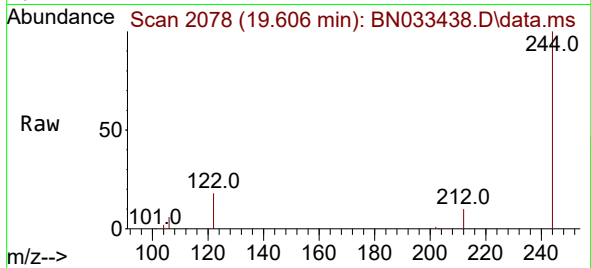




#31
Terphenyl-d14
Concen: 82.766 ng
RT: 19.606 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

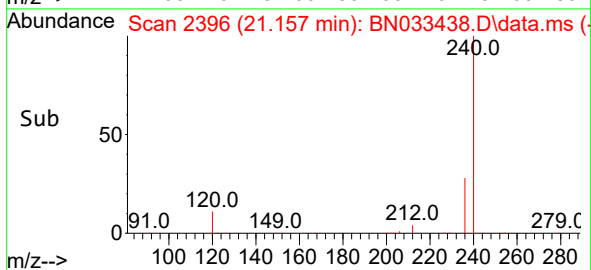
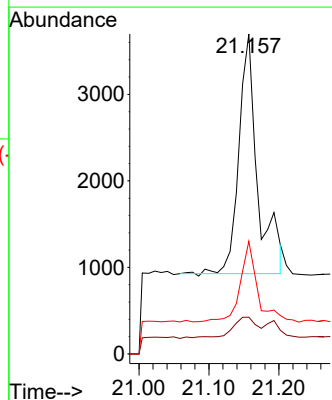
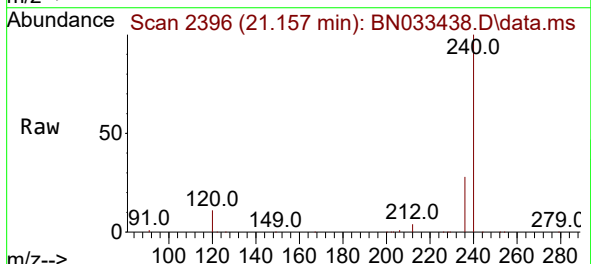
Instrument :
BNA_N
ClientSampleId :
923-K1-WP0-0.25-080124

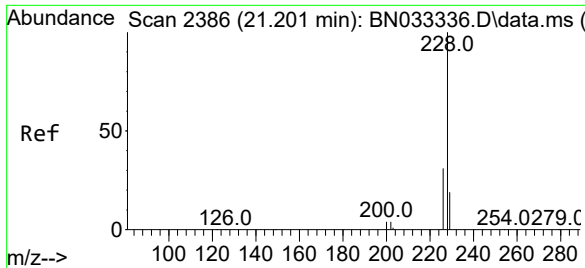
Tgt Ion:244 Resp: 3353075
Ion Ratio Lower Upper
244 100
212 10.0 7.7 11.5
122 17.7 14.0 21.0



#32
Benzo(a)anthracene
Concen: 0.065 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BN033438.D
Acq: 16 Aug 2024 19:39

Tgt Ion:228 Resp: 5173
Ion Ratio Lower Upper
228 100
226 11.5 21.6 32.4#
229 35.2 15.9 23.9#





#33

Chrysene

Concen: 0.066 ng

RT: 21.157 min Scan# 21

Delta R.T. -0.036 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

Instrument :

BNA_N

ClientSampleId :

923-K1-WP0-0.25-080124

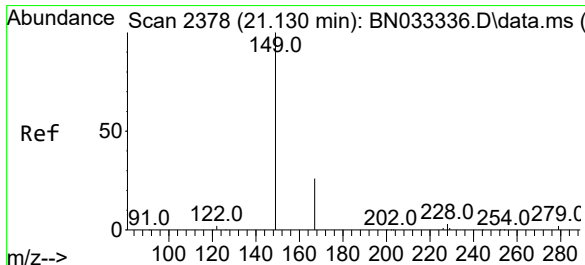
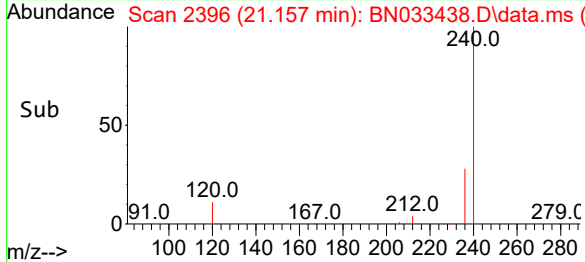
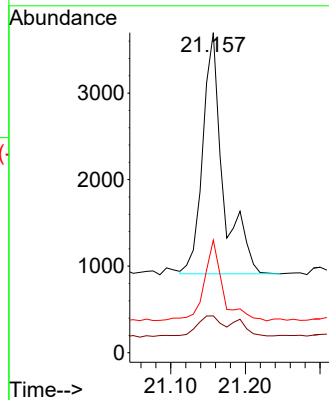
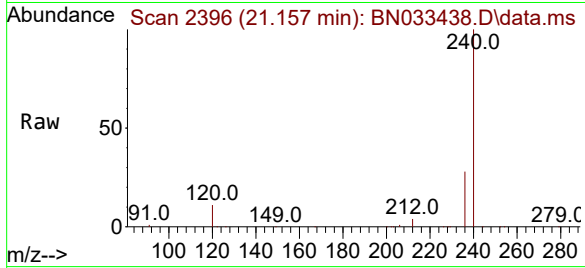
Tgt Ion:228 Resp: 5288

Ion Ratio Lower Upper

228 100

226 11.5 24.7 37.1#

229 35.2 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.103 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033438.D

Acq: 16 Aug 2024 19:39

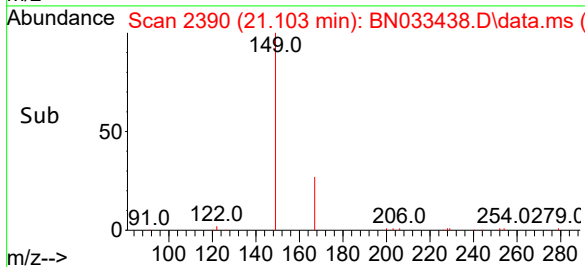
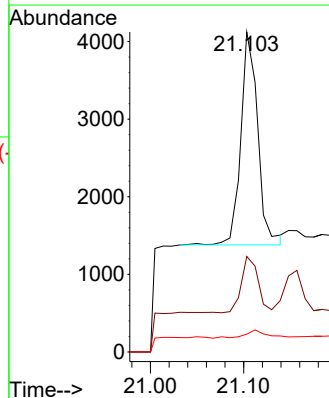
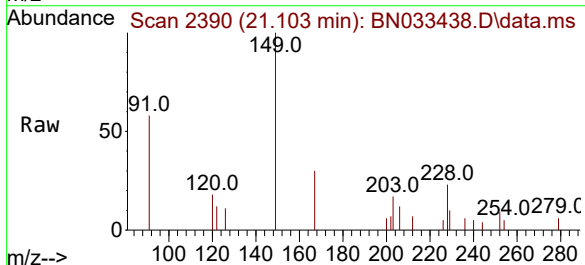
Tgt Ion:149 Resp: 3468

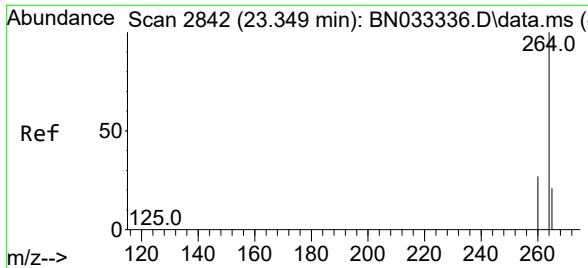
Ion Ratio Lower Upper

149 100

167 25.9 20.9 31.3

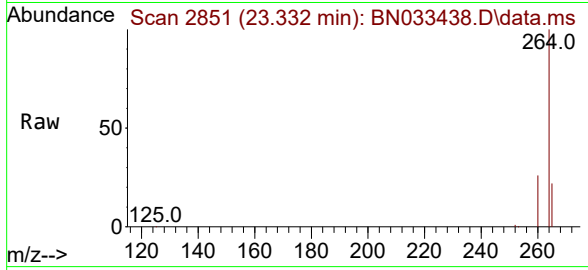
279 5.3 2.2 3.4#





#35
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.332 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN033438.D
 Acq: 16 Aug 2024 19:39

Instrument :
 BNA_N
 ClientSampleId :
 923-K1-WP0-0.25-080124



Tgt Ion:264 Resp: 1141348
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.6 32.4
 265 22.4 29.3 43.9#

