

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033439.D
 Acq On : 16 Aug 2024 20:15
 Operator : MA/JU
 Sample : P3450-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 50

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

Quant Time: Aug 17 00:46:17 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)

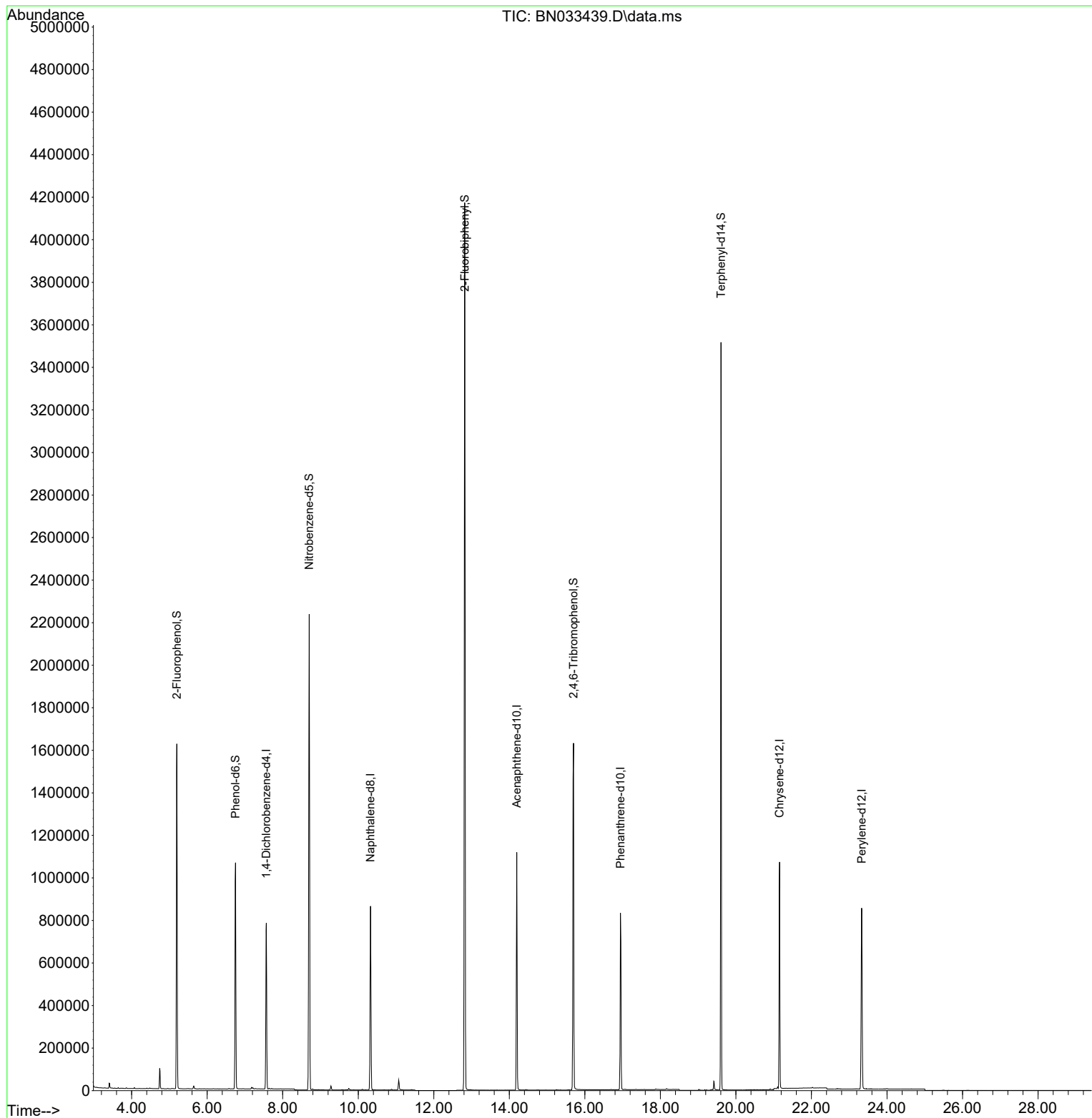
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	377201	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1053574	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	591252	20.000	ng	0.00
19) Phenanthrene-d10	16.942	188	1171020	20.000	ng	-0.01
29) Chrysene-d12	21.157	240	958120	20.000	ng	# 0.00
35) Perylene-d12	23.329	264	1034032	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1186318	56.934	ng	0.00
5) Phenol-d6	6.750	99	931088	33.082	ng	0.00
8) Nitrobenzene-d5	8.702	82	1644333	103.464	ng	0.00
11) 2-Methylnaphthalene-d10	11.918	152	5	0.000	ng	-0.01
14) 2,4,6-Tribromophenol	15.700	330	976159	160.899	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3578406	73.822	ng	0.00
27) Fluoranthene-d10	18.989	212	93	0.001	ng	0.00
31) Terphenyl-d14	19.607	244	3229945	89.221	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.406	42	3240	0.300	ng	# 1
18) Fluorene	15.247	166	1908	0.038	ng	# 47
25) Phenanthrene	16.991	178	2891	0.043	ng	# 81
26) Anthracene	17.078	178	1318	0.022	ng	95
28) Fluoranthene	19.021	202	3650	0.044	ng	98
30) Pyrene	19.379	202	2687	0.035	ng	# 95
32) Benzo(a)anthracene	21.148	228	4641	0.065	ng	# 76
33) Chrysene	21.193	228	1629	0.023	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.103	149	6232	0.192	ng	# 100
37) Benzo(b)fluoranthene	22.680	252	2295	0.029	ng	# 1

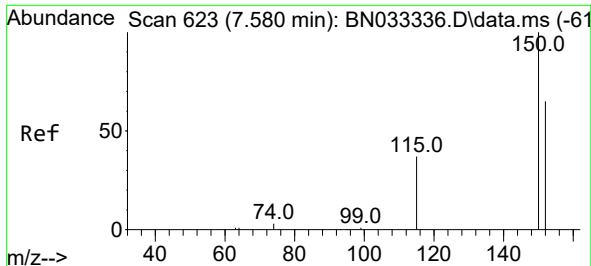
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033439.D
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922-K1-WP0-0.25-080124

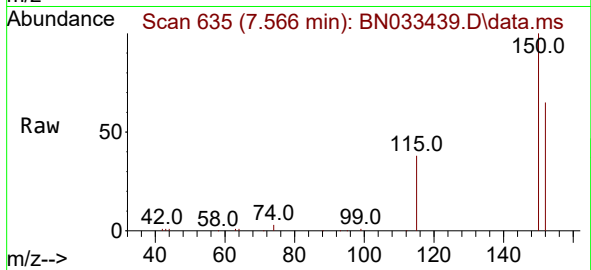
Quant Time: Aug 17 00:46:17 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



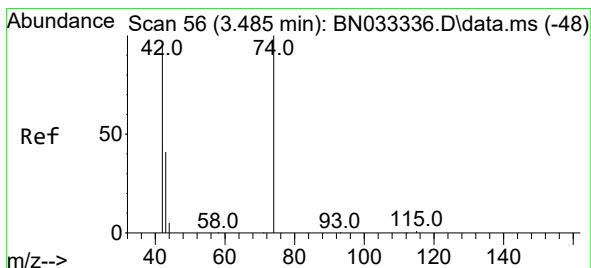
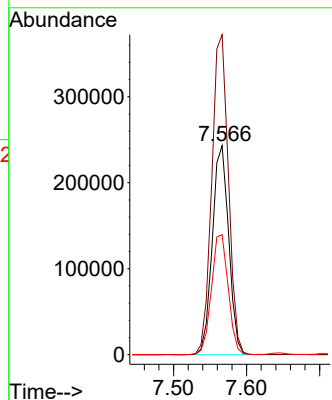
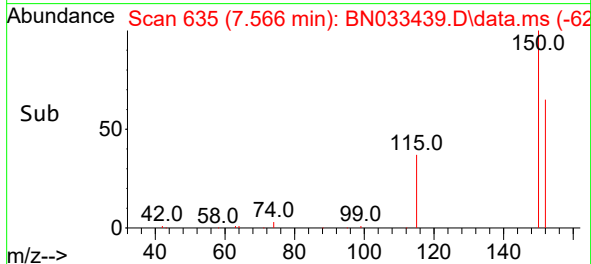


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

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

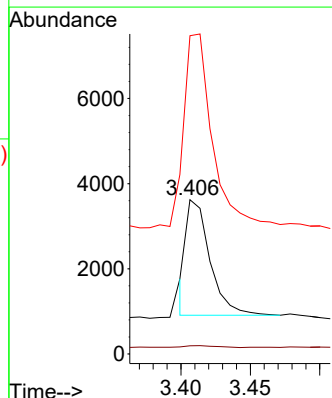
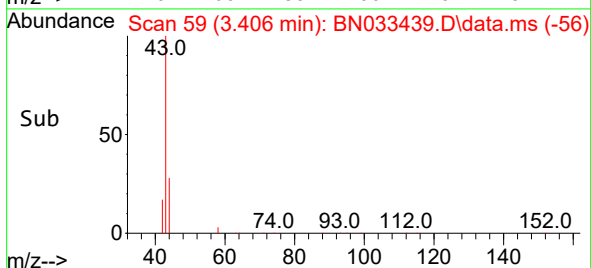
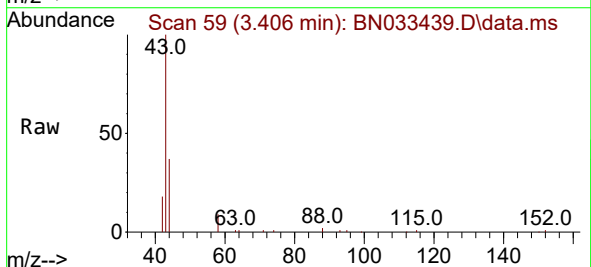


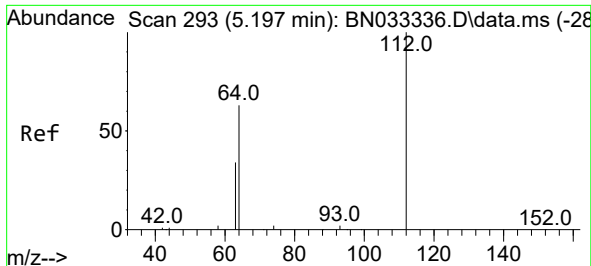
Tgt Ion:152 Resp: 377201
Ion Ratio Lower Upper
152 100
150 153.0 122.3 183.5
115 57.4 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.300 ng
RT: 3.406 min Scan# 59
Delta R.T. -0.080 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion: 42 Resp: 3240
Ion Ratio Lower Upper
42 100
74 2.0 89.0 133.6#
44 199.8 11.0 16.4#

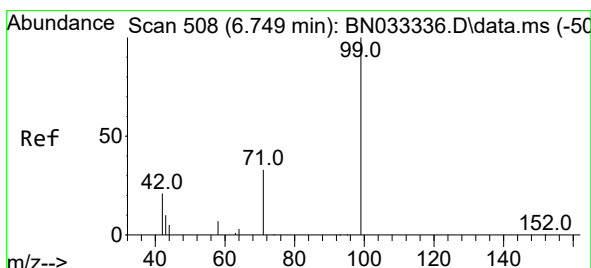
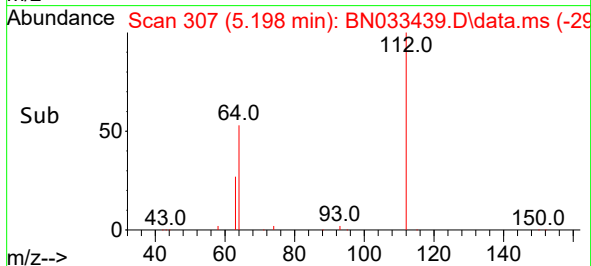
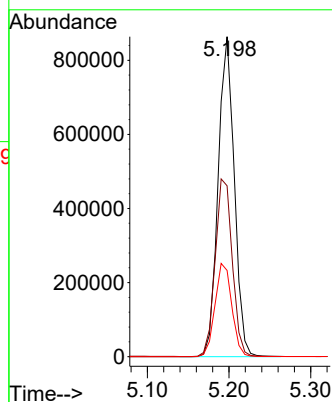
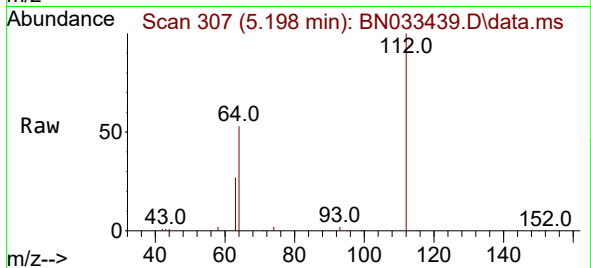




#4
2-Fluorophenol
Concen: 56.934 ng
RT: 5.198 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

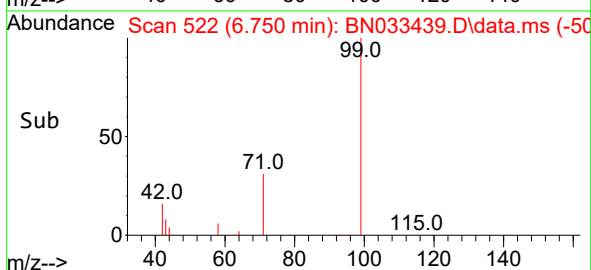
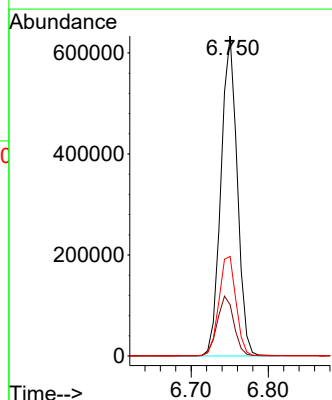
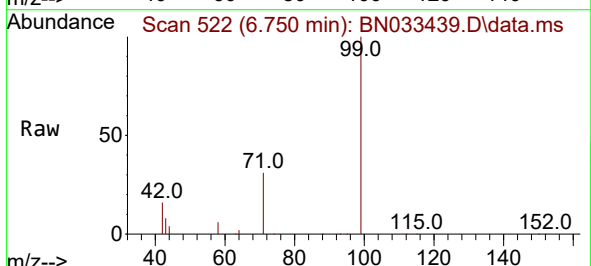
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

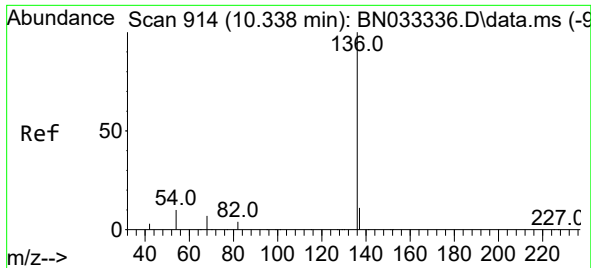
Tgt Ion:112 Resp: 1186318
Ion Ratio Lower Upper
112 100
64 58.6 48.1 72.1
63 30.3 25.4 38.2



#5
Phenol-d6
Concen: 33.082 ng
RT: 6.750 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion: 99 Resp: 931088
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.6 26.2 39.2

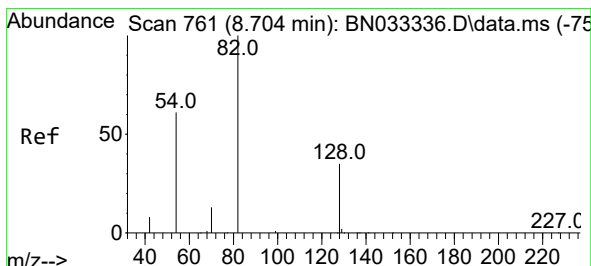
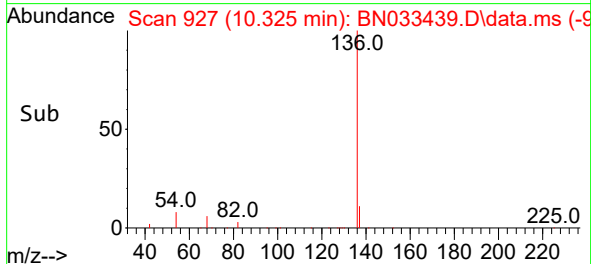
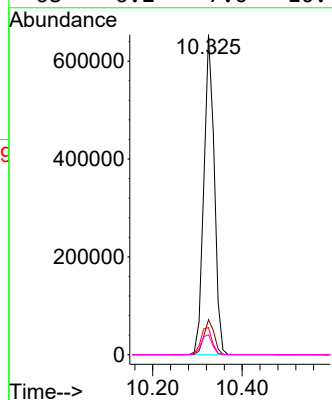
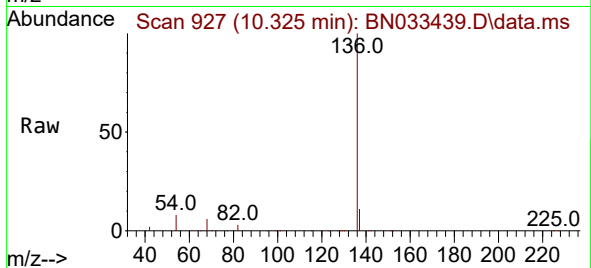




#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

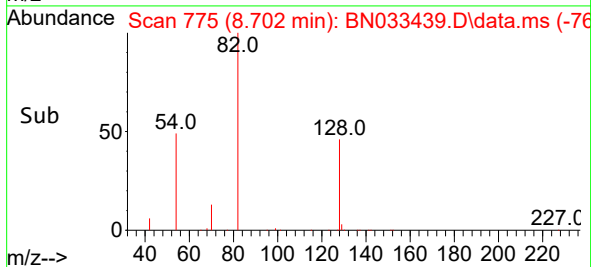
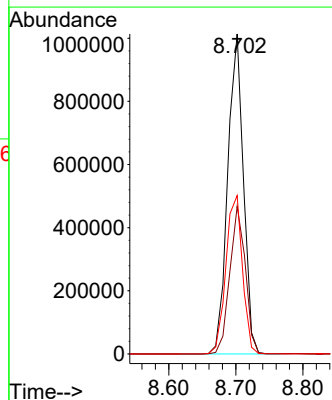
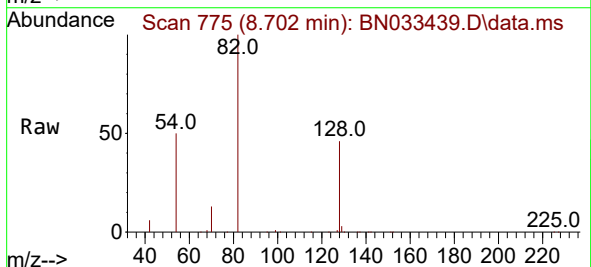
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

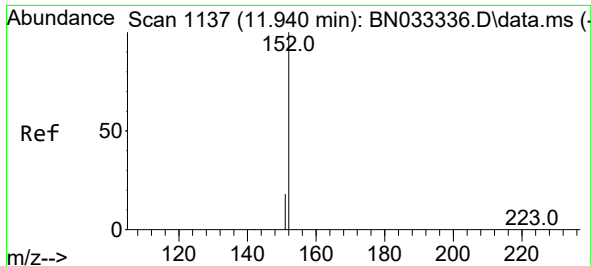
Tgt Ion:136 Resp: 1053574
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.4 9.4 14.0#
68 6.2 7.0 10.4#



#8
Nitrobenzene-d5
Concen: 103.464 ng
RT: 8.702 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion: 82 Resp: 1644333
Ion Ratio Lower Upper
82 100
128 46.2 29.0 43.4#
54 49.5 50.2 75.4#

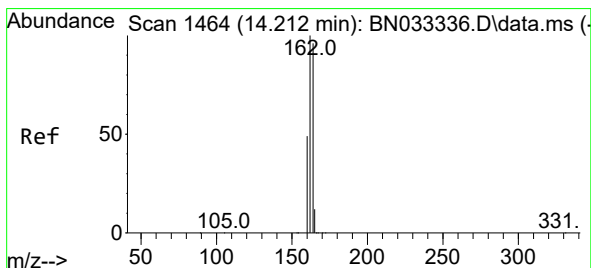
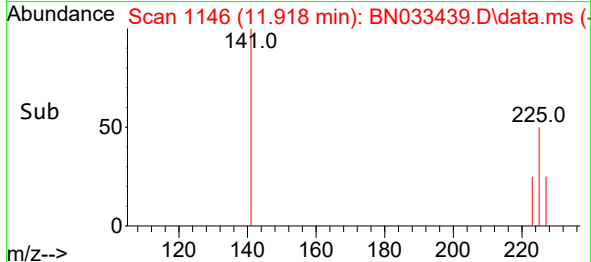
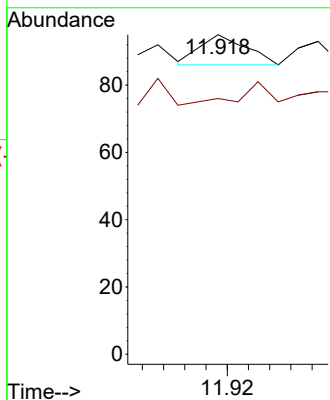
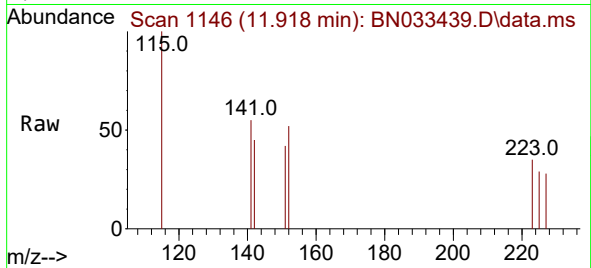




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.918 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

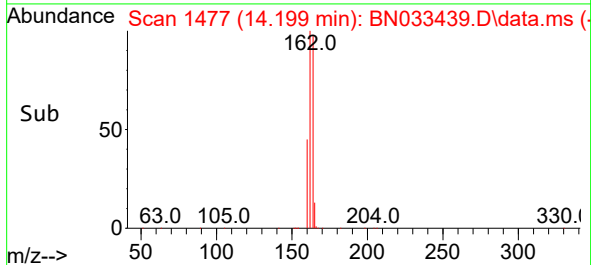
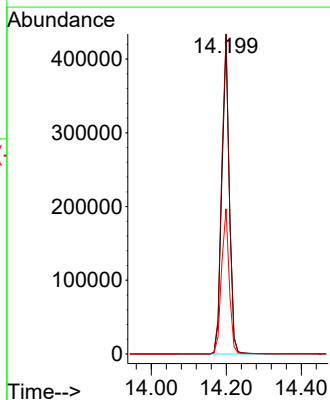
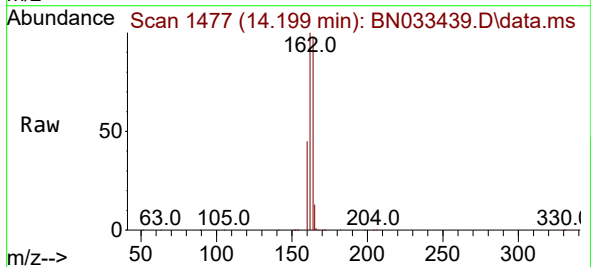
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

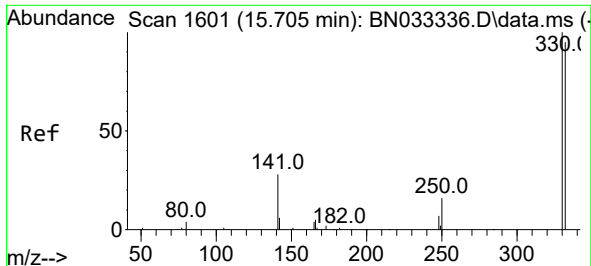
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 80.0 16.7 25.1#



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

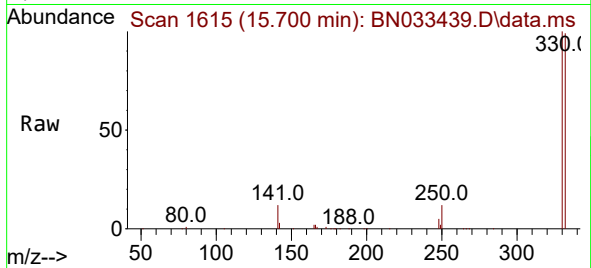
Tgt Ion:164 Resp: 591252
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 46.4 41.1 61.7



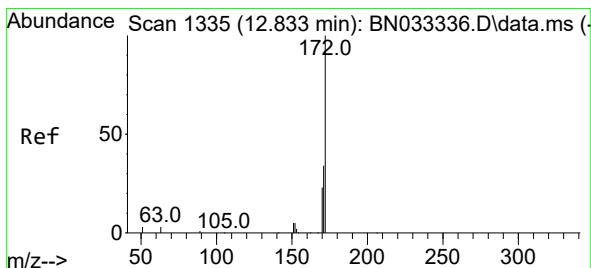
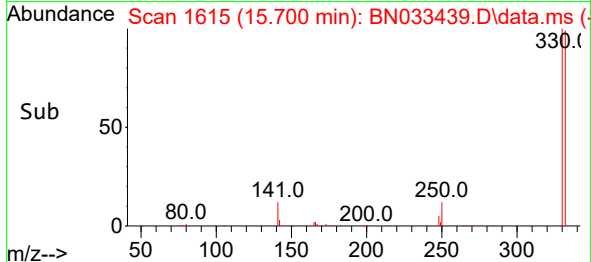
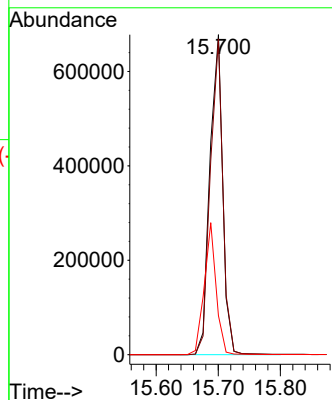


#14
2,4,6-Tribromophenol
Concen: 160.899 ng
RT: 15.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

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

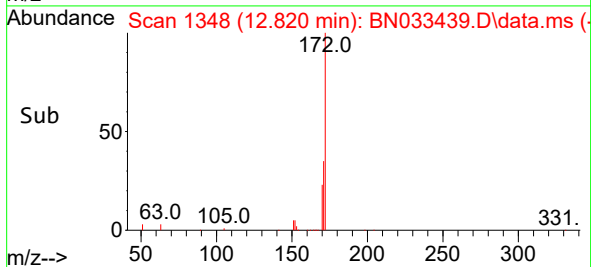
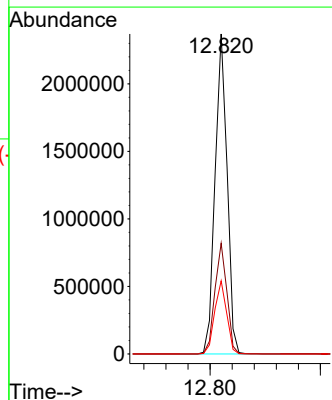
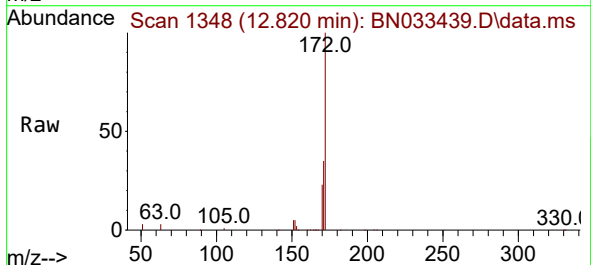


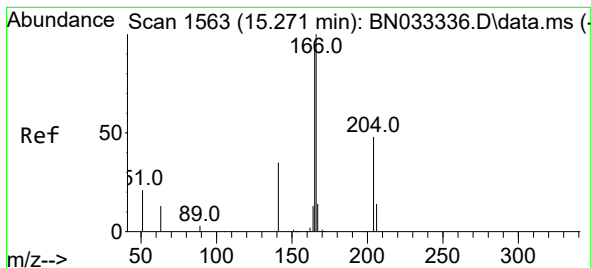
Tgt Ion:330 Resp: 976159
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 38.3 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 73.822 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:172 Resp: 3578406
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.8 18.7 28.1





#18

Fluorene

Concen: 0.038 ng

RT: 15.247 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124

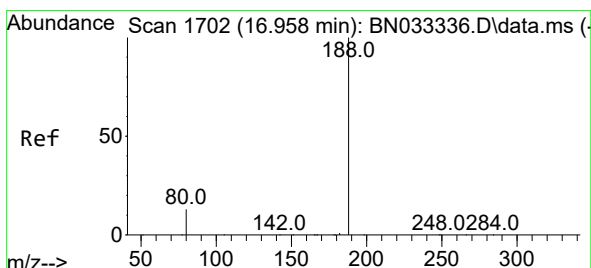
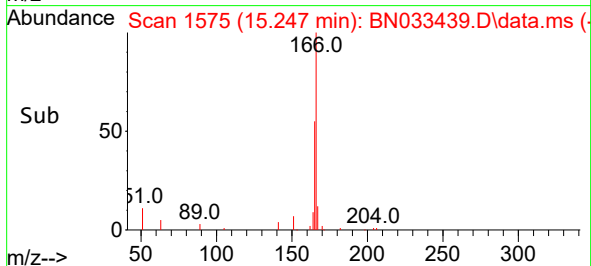
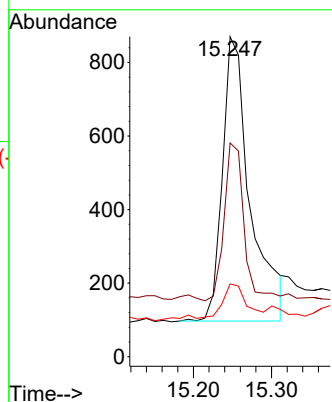
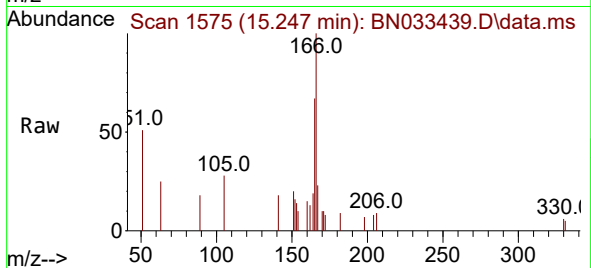
Tgt Ion:166 Resp: 1908

Ion Ratio Lower Upper

166 100

165 39.5 78.0 117.0#

167 10.3 10.7 16.1#



#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.013 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

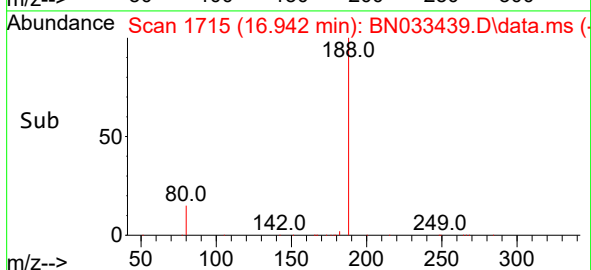
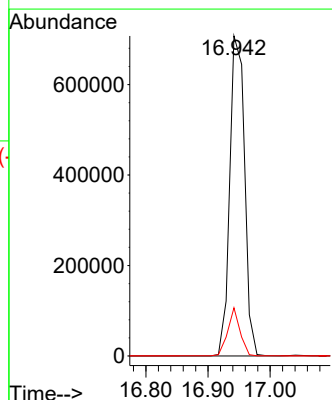
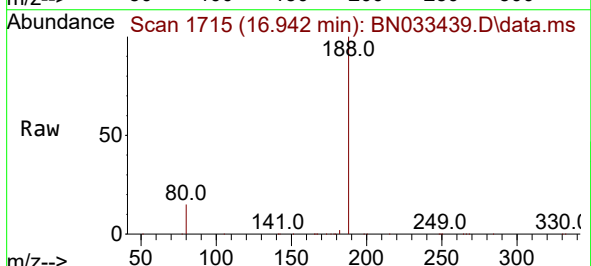
Tgt Ion:188 Resp: 1171020

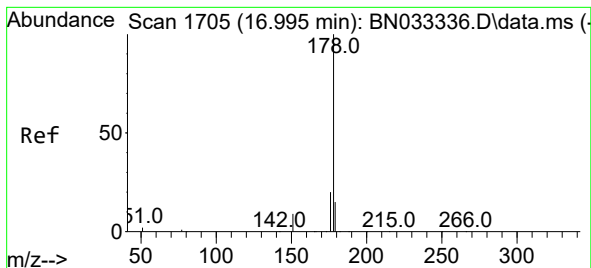
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.0 10.7 16.1





#25

Phenanthrene

Concen: 0.043 ng

RT: 16.991 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124

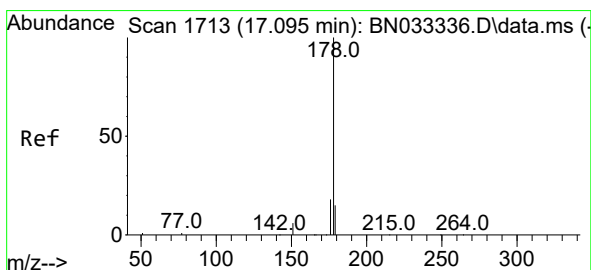
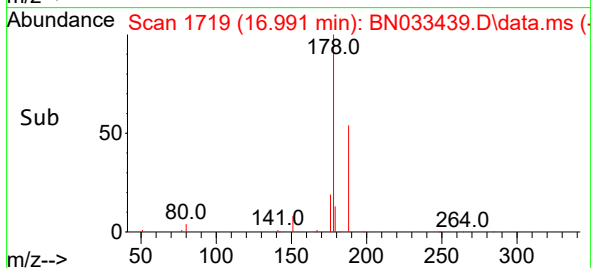
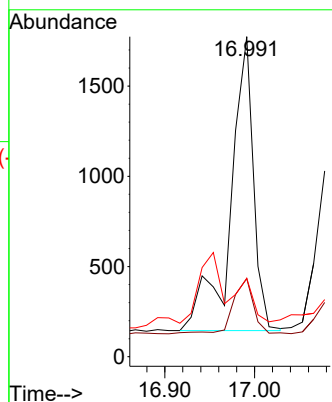
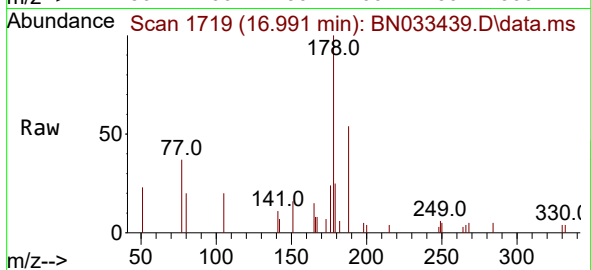
Tgt Ion:178 Resp: 2891

Ion Ratio Lower Upper

178 100

176 16.7 15.4 23.0

179 0.0 12.2 18.2#



#26

Anthracene

Concen: 0.022 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

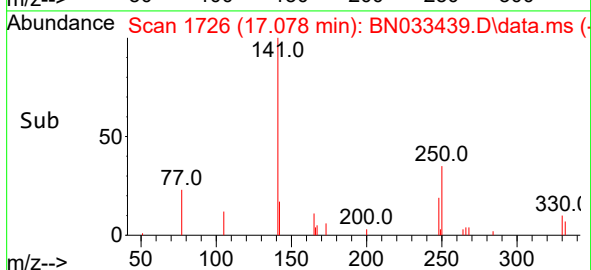
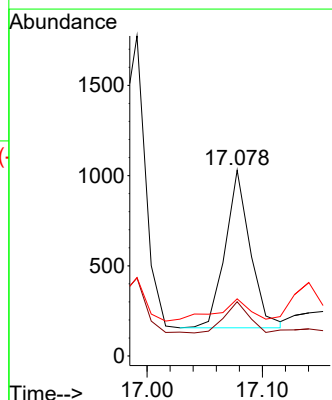
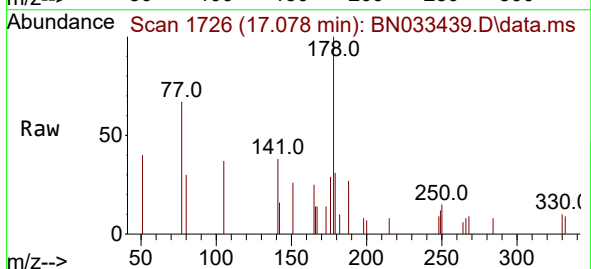
Tgt Ion:178 Resp: 1318

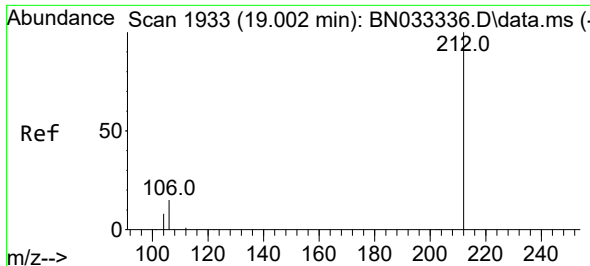
Ion Ratio Lower Upper

178 100

176 20.3 14.7 22.1

179 18.1 12.2 18.2

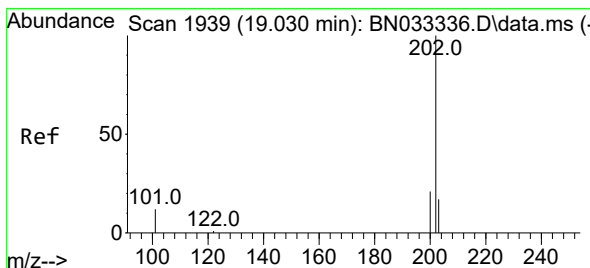
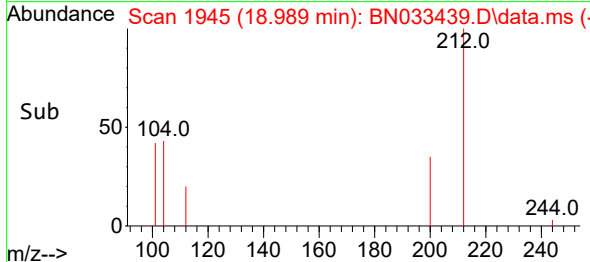
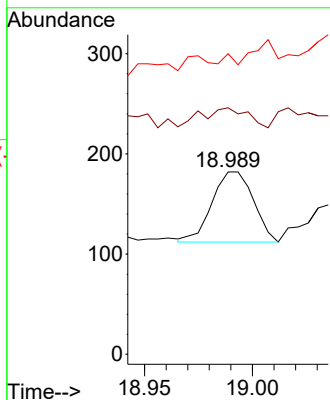
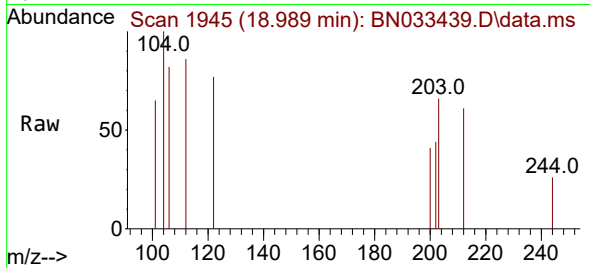




#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 18.989 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

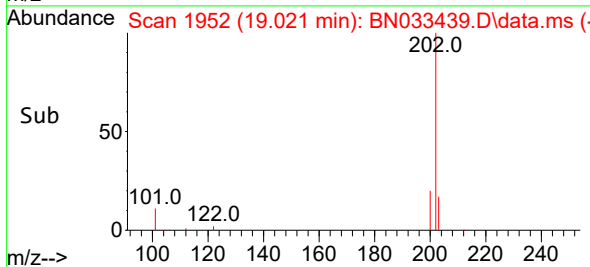
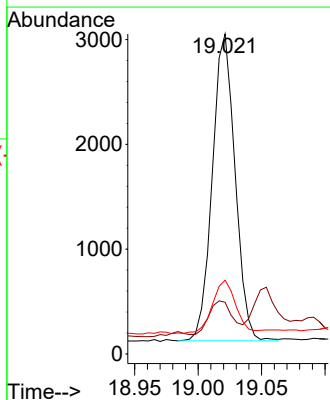
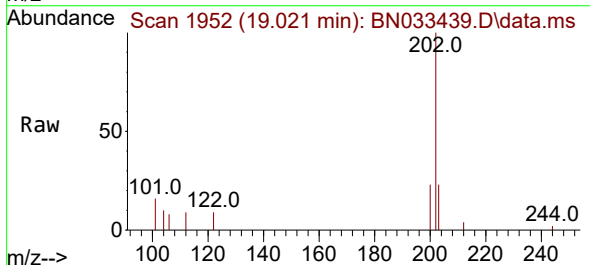
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

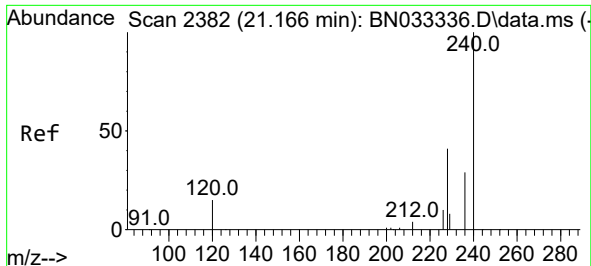
Tgt Ion:212 Resp: 93
Ion Ratio Lower Upper
212 100
106 32.3 12.8 19.2#
104 12.9 7.1 10.7#



#28
Fluoranthene
Concen: 0.044 ng
RT: 19.021 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:202 Resp: 3650
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
203 17.8 13.8 20.6

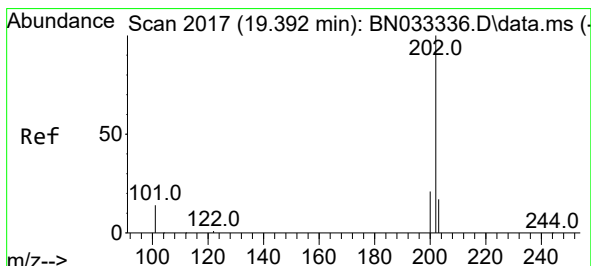
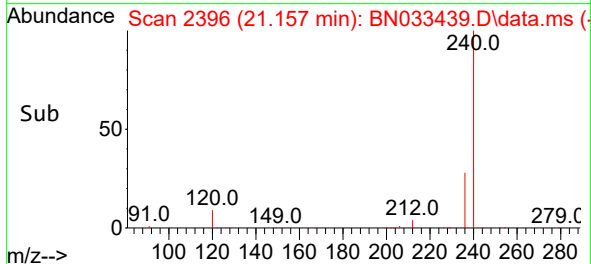
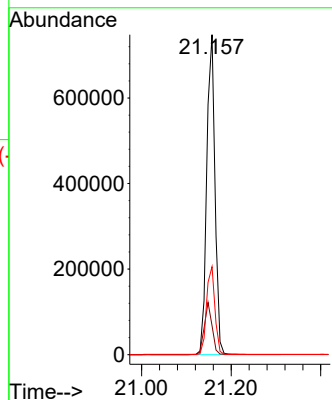
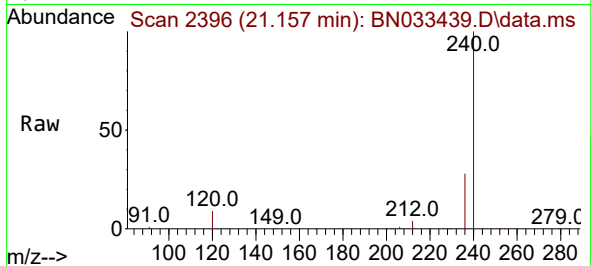




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

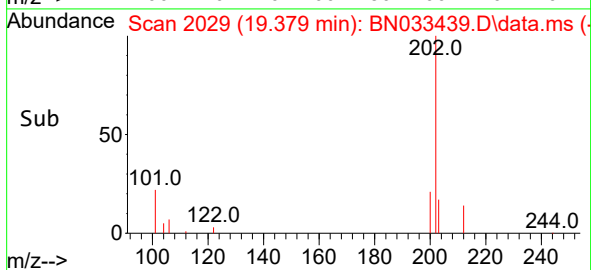
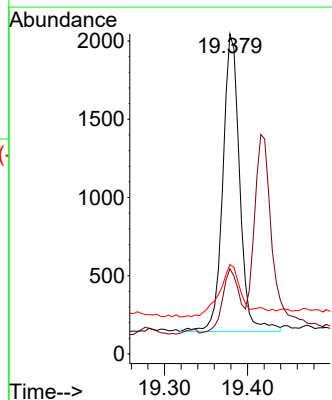
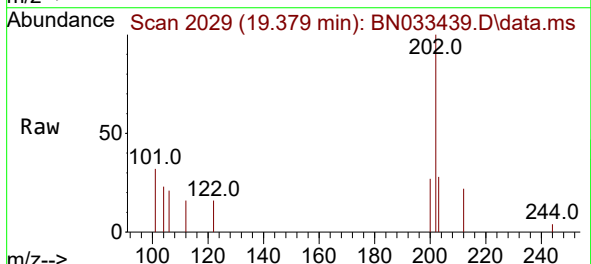
Instrument :
BNA_N
ClientSampleId :
922-K1-WP0-0.25-080124

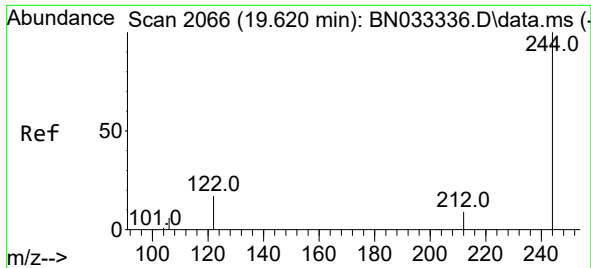
Tgt Ion:240 Resp: 958120
Ion Ratio Lower Upper
240 100
120 9.0 13.0 19.6#
236 27.5 23.2 34.8



#30
Pyrene
Concen: 0.035 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:202 Resp: 2687
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 21.6 14.2 21.4#

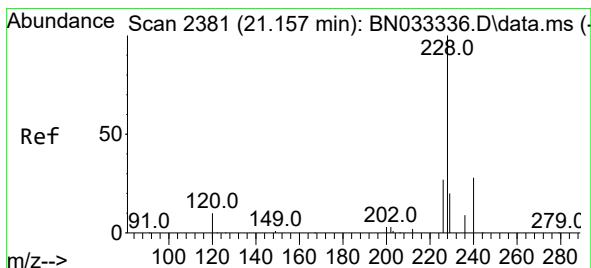
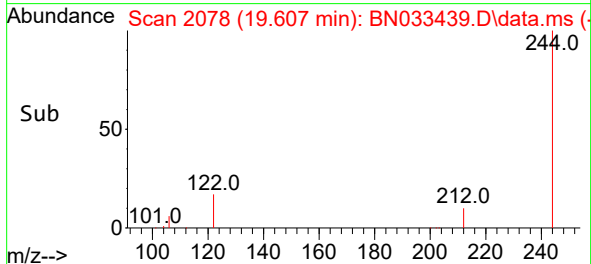
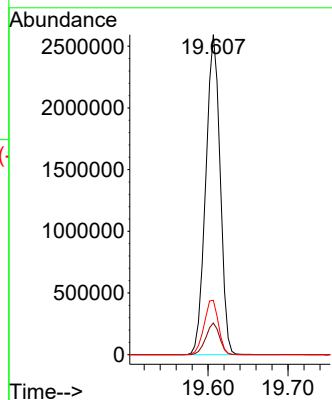
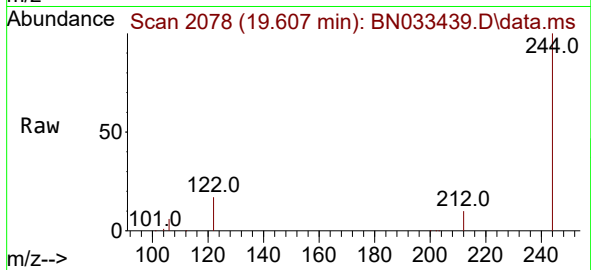




#31
 Terphenyl-d14
 Concen: 89.221 ng
 RT: 19.607 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: BN033439.D
 Acq: 16 Aug 2024 20:15

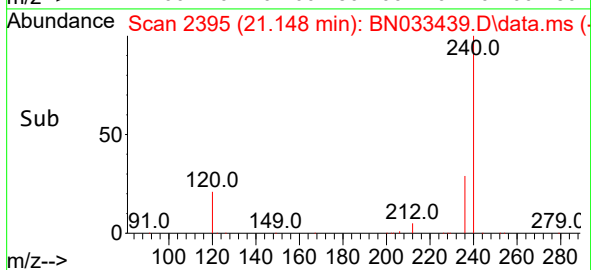
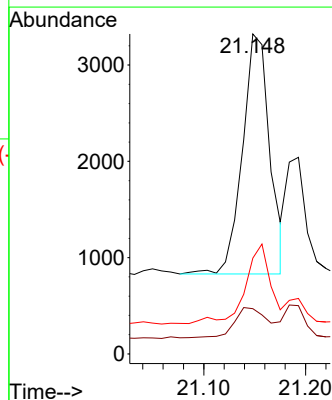
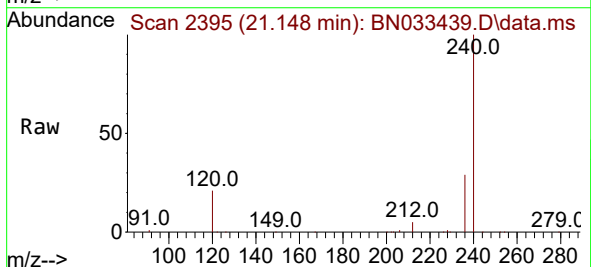
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-WP0-0.25-080124

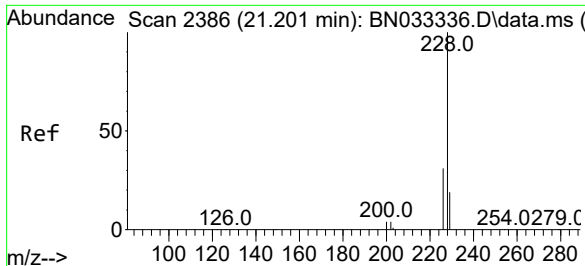
Tgt Ion:244 Resp: 3229945
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.7 11.5
 122 17.0 14.0 21.0



#32
 Benzo(a)anthracene
 Concen: 0.065 ng
 RT: 21.148 min Scan# 2395
 Delta R.T. 0.009 min
 Lab File: BN033439.D
 Acq: 16 Aug 2024 20:15

Tgt Ion:228 Resp: 4641
 Ion Ratio Lower Upper
 228 100
 226 14.1 21.6 32.4#
 229 29.9 15.9 23.9#





#33

Chrysene

Concen: 0.023 ng

RT: 21.193 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BN033439.D

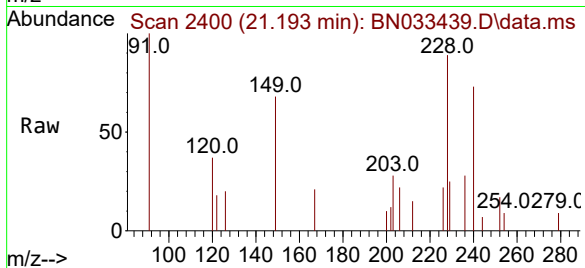
Acq: 16 Aug 2024 20:15

Instrument :

BNA_N

ClientSampleId :

922-K1-WP0-0.25-080124



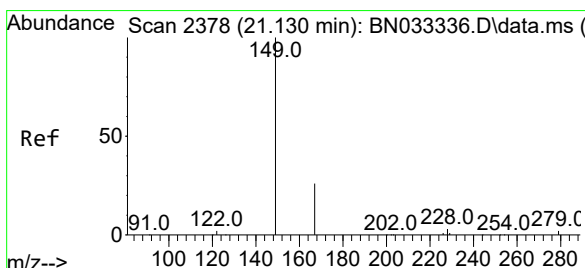
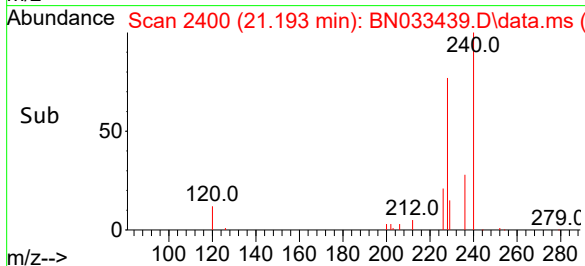
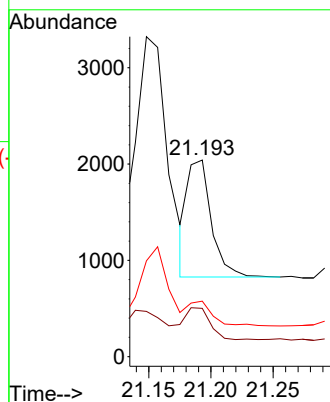
Tgt Ion:228 Resp: 1629

Ion Ratio Lower Upper

228 100

226 24.6 24.7 37.1#

229 28.3 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.192 ng

RT: 21.103 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BN033439.D

Acq: 16 Aug 2024 20:15

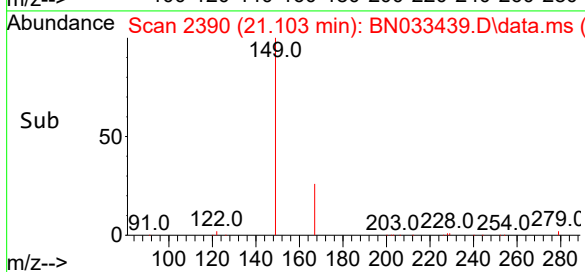
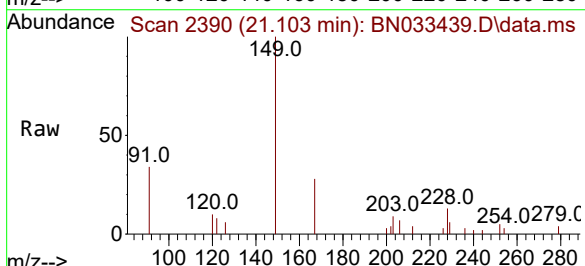
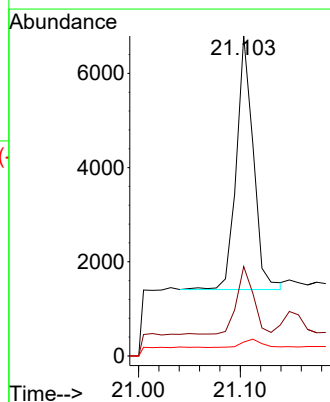
Tgt Ion:149 Resp: 6232

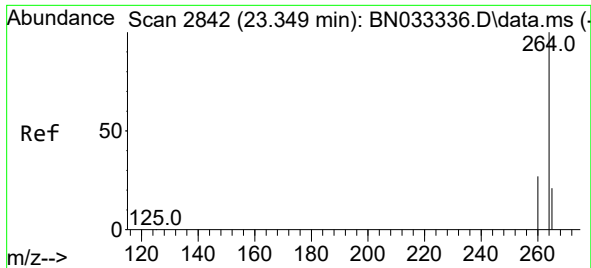
Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

279 3.6 2.2 3.4#

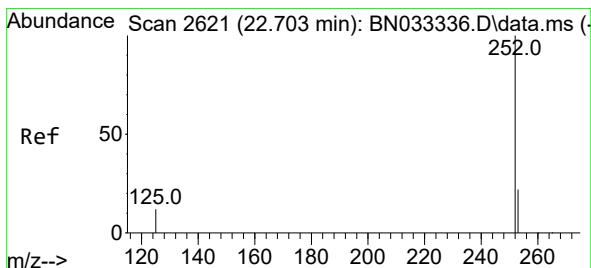
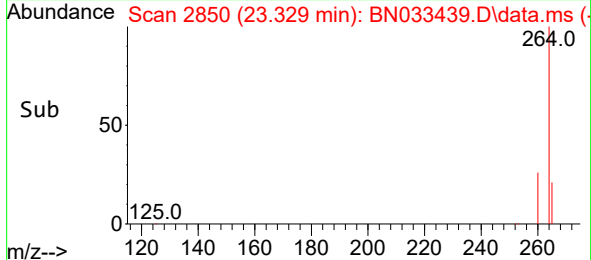
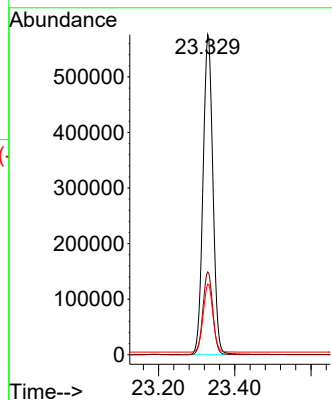
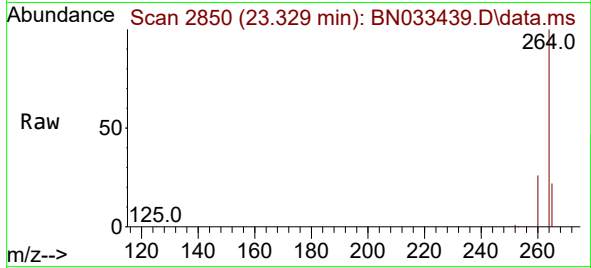




#35
Perylene-d12
Concen: 20.000 ng
RT: 23.329 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

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

Tgt Ion:264 Resp: 1034032
Ion Ratio Lower Upper
264 100
260 25.8 21.6 32.4
265 22.0 29.3 43.9#



#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 22.680 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BN033439.D
Acq: 16 Aug 2024 20:15

Tgt Ion:252 Resp: 2295
Ion Ratio Lower Upper
252 100
253 59.0 18.2 27.2#
125 78.0 11.3 16.9#

