

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033234.D
 Acq On : 03 Aug 2024 12:12
 Operator : MA/JU
 Sample : P3440-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 922-K1-WS-080124

Quant Time: Aug 05 03:26:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

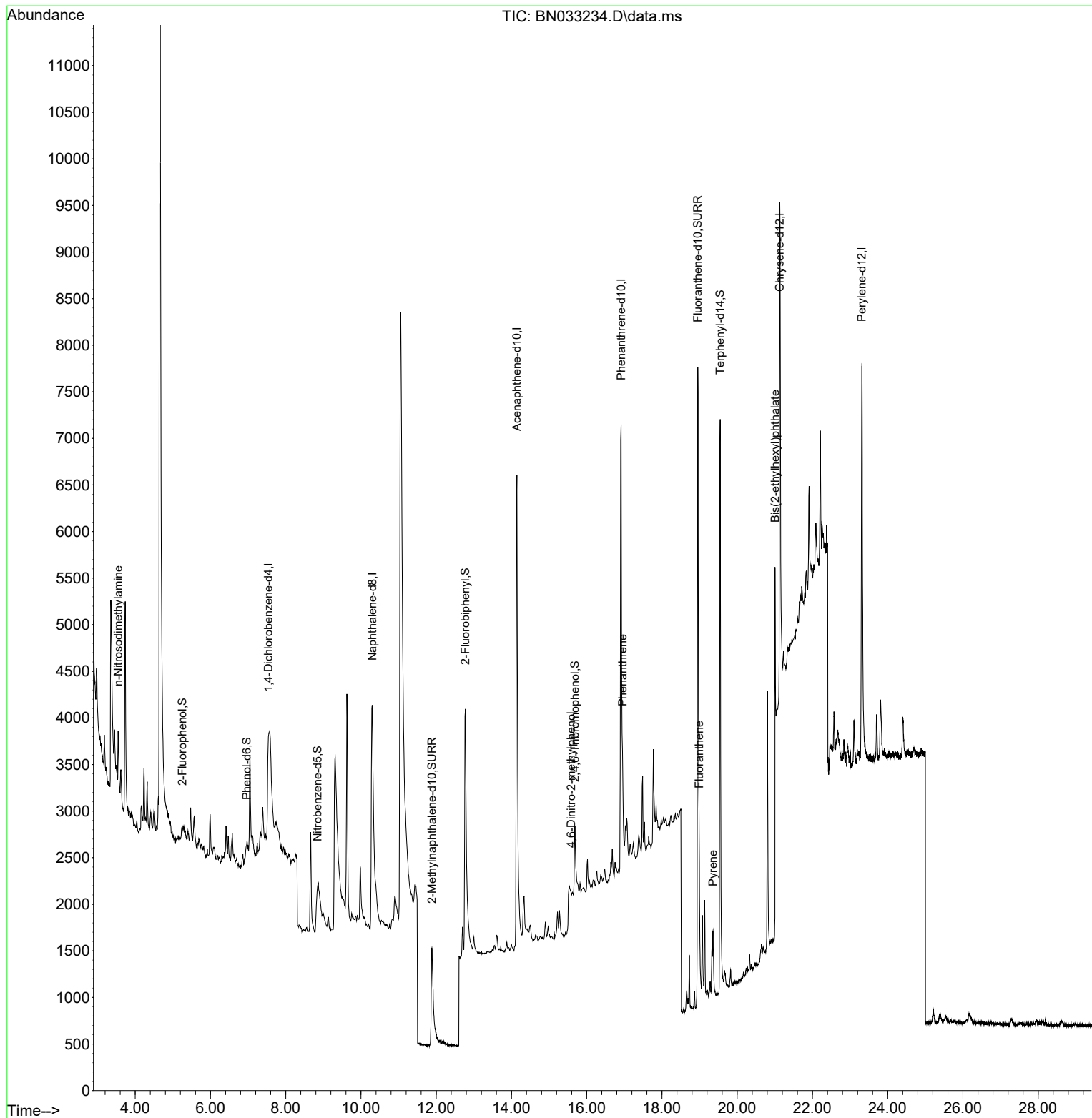
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2194	0.400	ng	# 0.04
7) Naphthalene-d8	10.298	136	8664	0.400	ng	# 0.01
13) Acenaphthene-d10	14.144	164	4994	0.400	ng	0.00
19) Phenanthrene-d10	16.915	188	10648	0.400	ng	0.00
29) Chrysene-d12	21.131	240	7008	0.400	ng	# 0.00
35) Perylene-d12	23.312	264	6904	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	781	0.141	ng	0.00
5) Phenol-d6	6.961	99	425	0.062	ng	0.00
8) Nitrobenzene-d5	8.846	82	1944	0.298	ng	0.03
11) 2-Methylnaphthalene-d10	11.886	152	3609	0.272	ng	-0.01
14) 2,4,6-Tribromophenol	15.686	330	602	0.282	ng	-0.03
15) 2-Fluorobiphenyl	12.775	172	5375	0.289	ng	-0.01
27) Fluoranthene-d10	18.953	212	9419	0.342	ng	0.00
31) Terphenyl-d14	19.547	244	8537	0.594	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.545	42	307	0.134	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.587	198	9	0.297	ng	# 1
25) Phenanthrene	16.952	178	958	0.033	ng	99
28) Fluoranthene	18.990	202	1410	0.040	ng	# 82
30) Pyrene	19.357	202	833	0.029	ng	96
34) Bis(2-ethylhexyl)phtha...	21.006	149	3125	0.255	ng	# 78

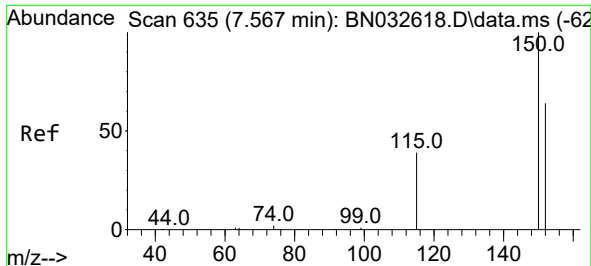
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
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922-K1-WS-080124

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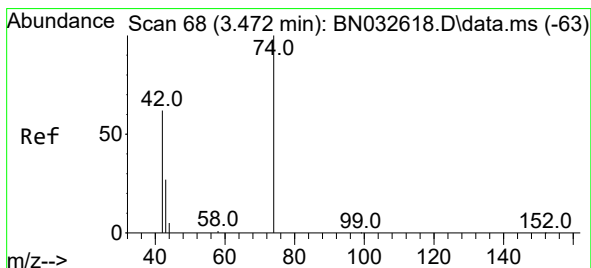
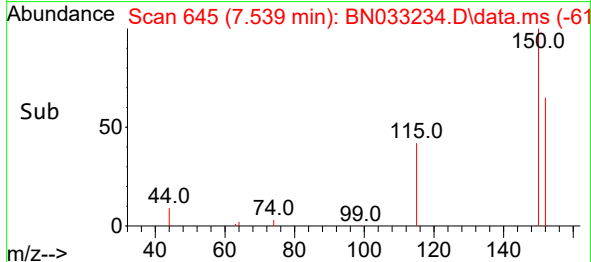
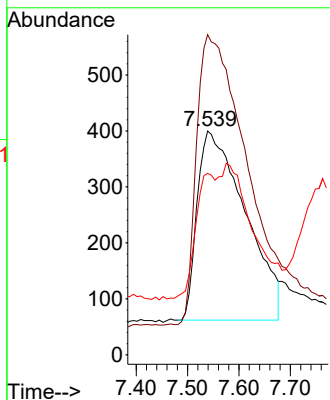
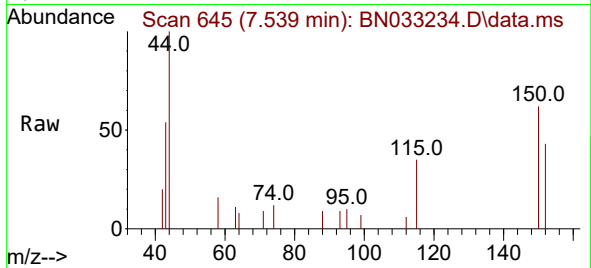




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.539 min Scan# 64
 Delta R.T. 0.036 min
 Lab File: BN033234.D
 Acq: 03 Aug 2024 12:12

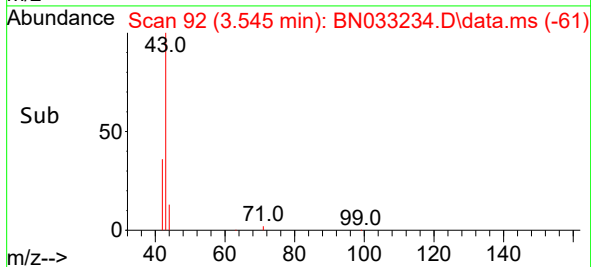
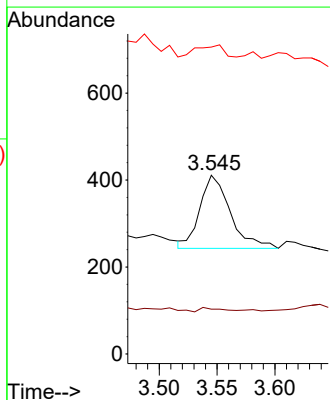
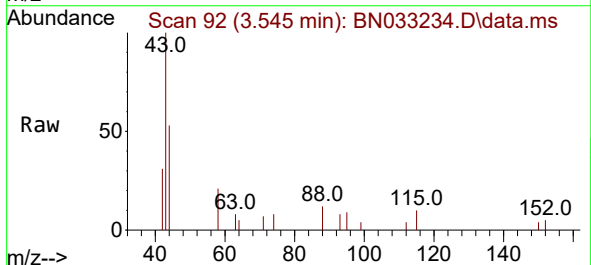
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-WS-080124

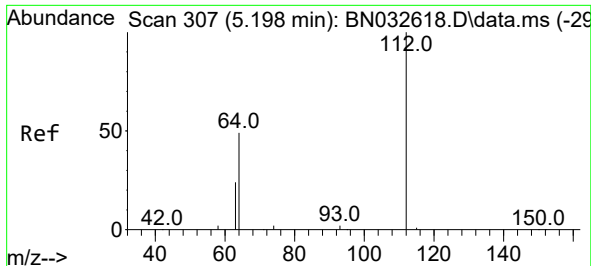
Tgt Ion:152 Resp: 2194
 Ion Ratio Lower Upper
 152 100
 150 143.0 123.8 185.6
 115 81.0 52.8 79.2#



#3
 n-Nitrosodimethylamine
 Concen: 0.134 ng
 RT: 3.545 min Scan# 92
 Delta R.T. 0.072 min
 Lab File: BN033234.D
 Acq: 03 Aug 2024 12:12

Tgt Ion: 42 Resp: 307
 Ion Ratio Lower Upper
 42 100
 74 4.2 126.9 190.3#
 44 14.0 4.8 7.2#

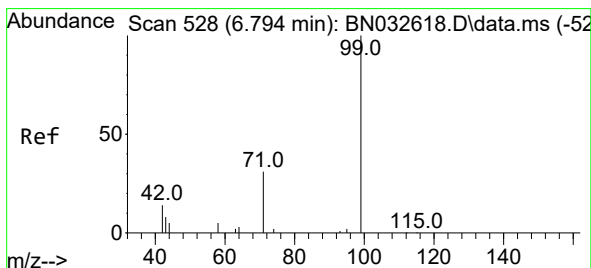
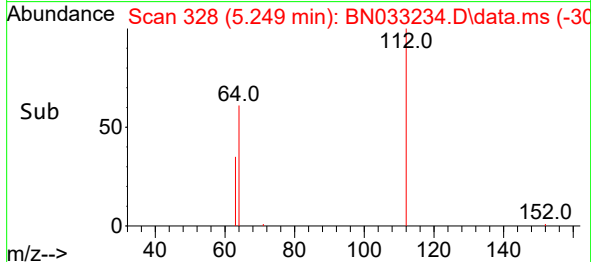
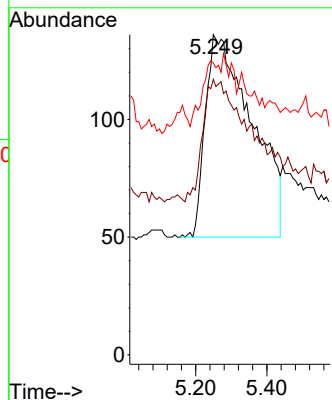
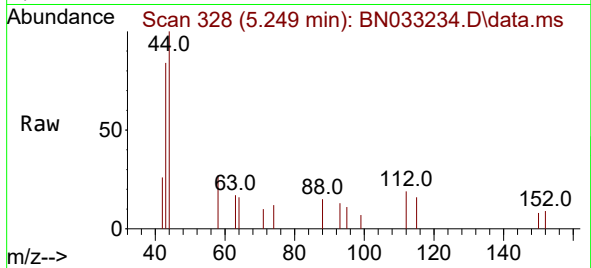




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.249 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

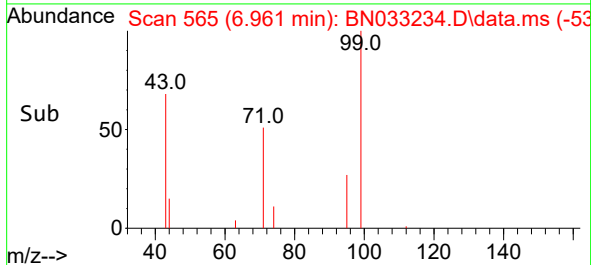
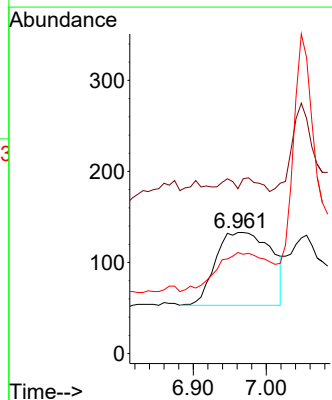
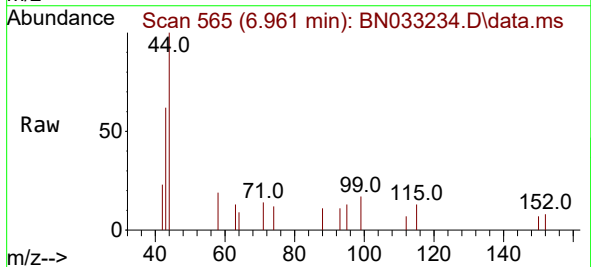
Instrument :
BNA_N
ClientSampleId :
922-K1-WS-080124

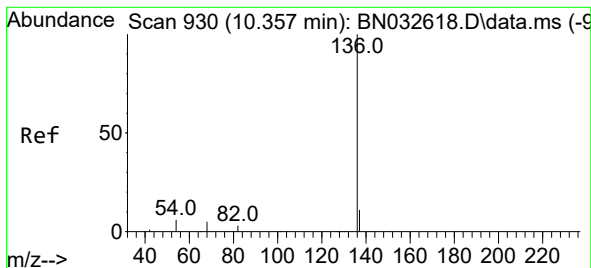
Tgt Ion:112 Resp: 781
Ion Ratio Lower Upper
112 100
64 58.3 40.2 60.4
63 9.6 22.2 33.4#



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.961 min Scan# 565
Delta R.T. 0.080 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion: 99 Resp: 425
Ion Ratio Lower Upper
99 100
42 6.8 10.5 15.7#
71 49.4 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.298 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN033234.D

Acq: 03 Aug 2024 12:12

Instrument :

BNA_N

ClientSampleId :

922-K1-WS-080124

Tgt Ion:136 Resp: 8664

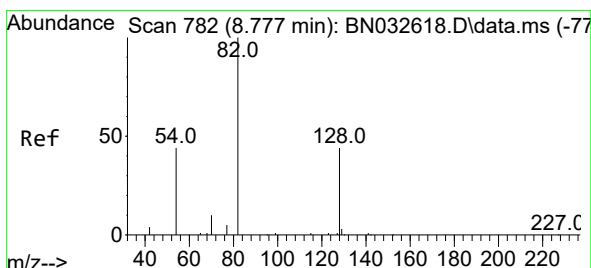
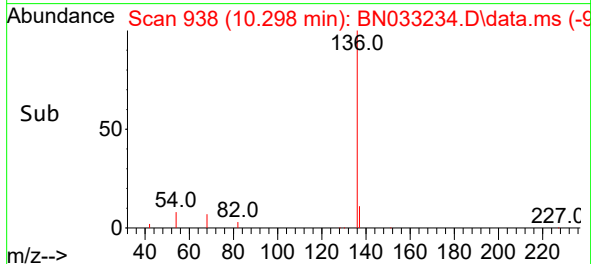
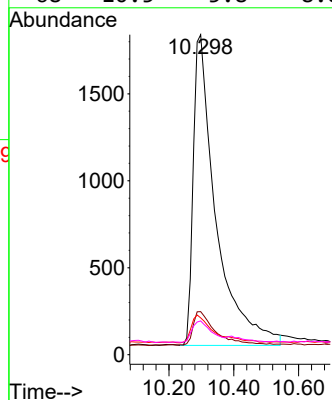
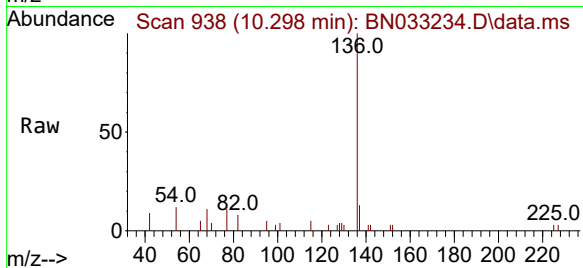
Ion Ratio Lower Upper

136 100

137 13.5 9.9 14.9

54 11.5 6.5 9.7#

68 10.5 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 8.846 min Scan# 802

Delta R.T. 0.032 min

Lab File: BN033234.D

Acq: 03 Aug 2024 12:12

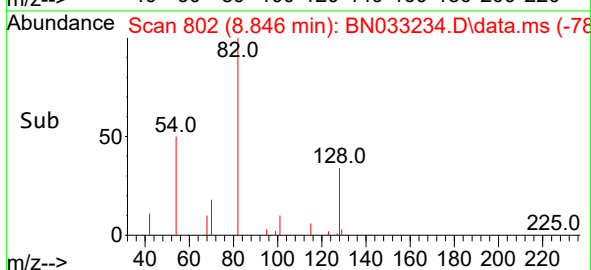
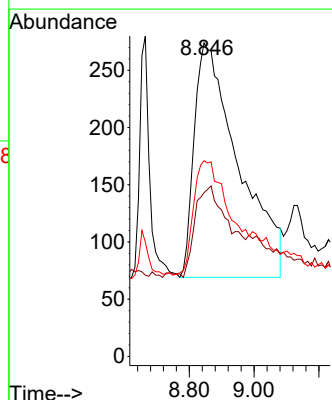
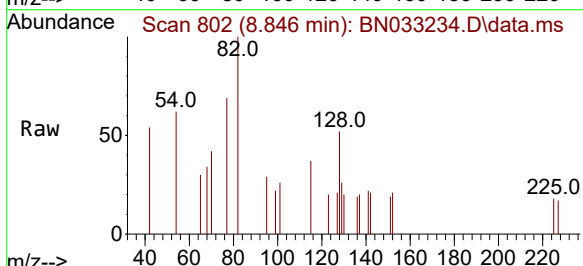
Tgt Ion: 82 Resp: 1944

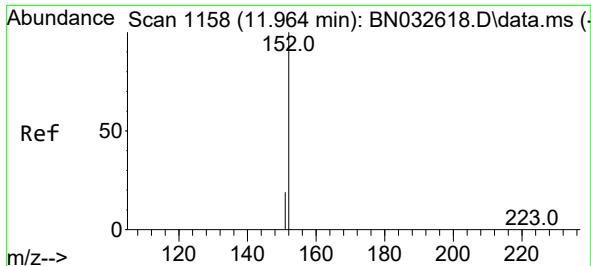
Ion Ratio Lower Upper

82 100

128 52.2 41.7 62.5

54 62.4 39.5 59.3#





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 11.886 min Scan# 1152

Delta R.T. -0.015 min

Lab File: BN033234.D

Acq: 03 Aug 2024 12:12

Instrument :

BNA_N

ClientSampleId :

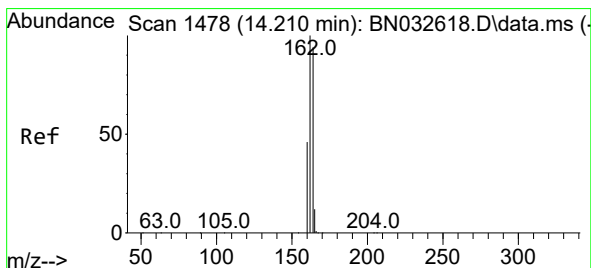
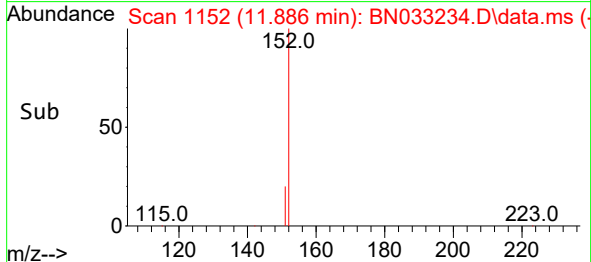
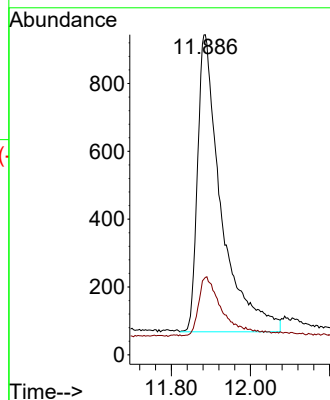
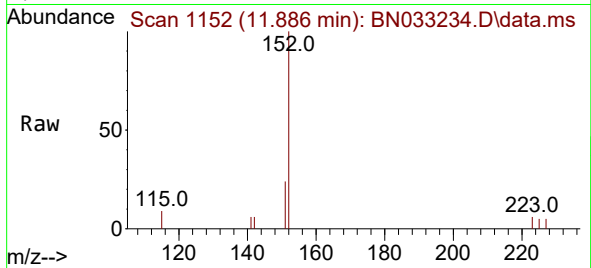
922-K1-WS-080124

Tgt Ion:152 Resp: 3609

Ion Ratio Lower Upper

152 100

151 18.3 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.144 min Scan# 1486

Delta R.T. 0.007 min

Lab File: BN033234.D

Acq: 03 Aug 2024 12:12

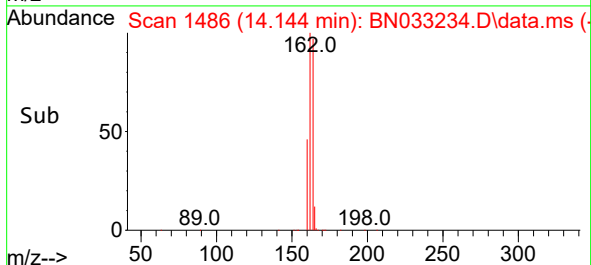
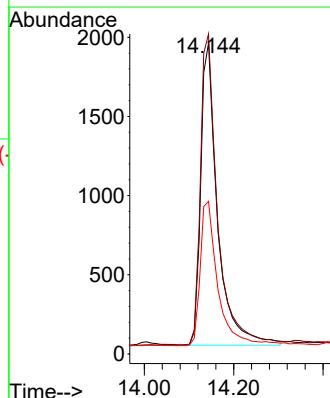
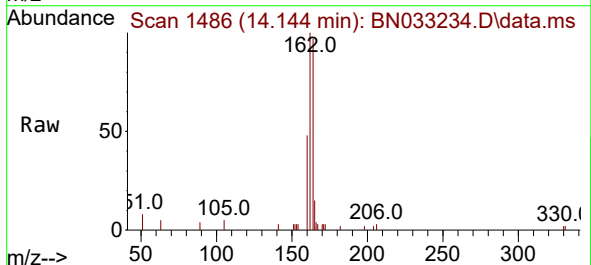
Tgt Ion:164 Resp: 4994

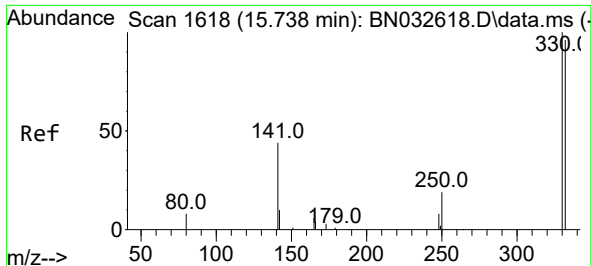
Ion Ratio Lower Upper

164 100

162 103.0 85.0 127.4

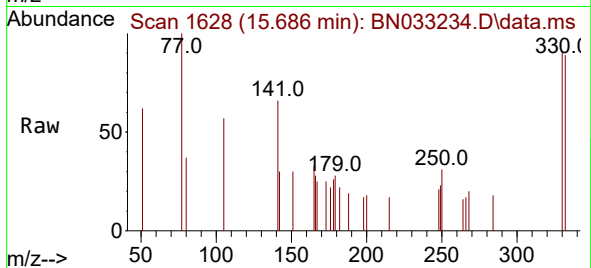
160 49.1 39.4 59.2



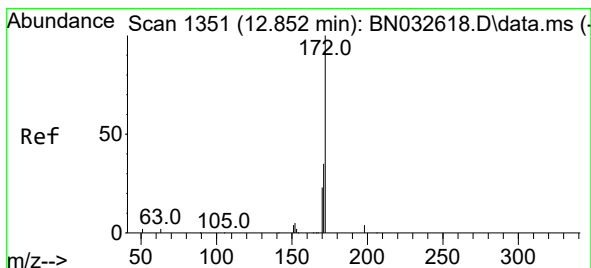
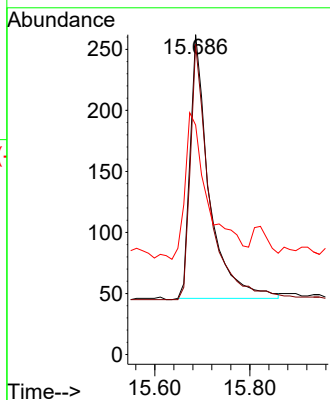


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.686 min Scan# 1
Delta R.T. -0.030 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Instrument :
BNA_N
ClientSampleId :
922-K1-WS-080124

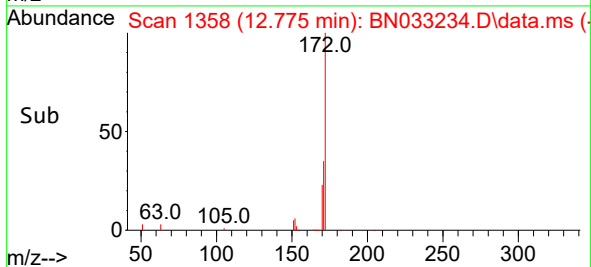
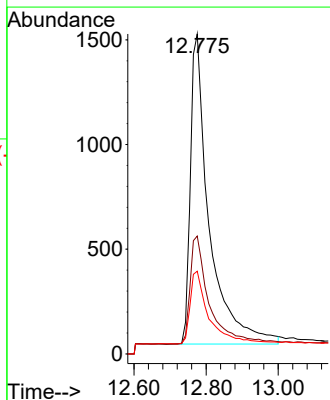
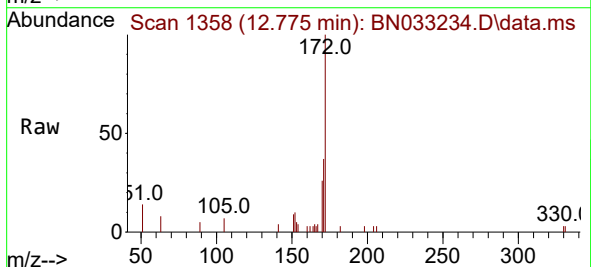


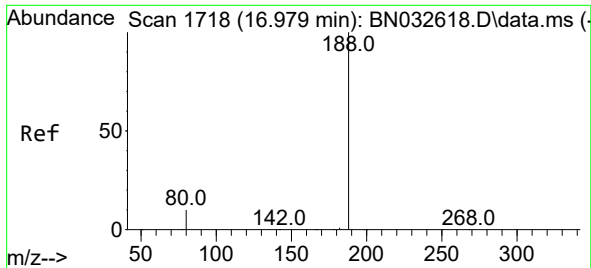
Tgt Ion:330 Resp: 602
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 55.5 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.775 min Scan# 1358
Delta R.T. -0.014 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion:172 Resp: 5375
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 25.9 19.0 28.6

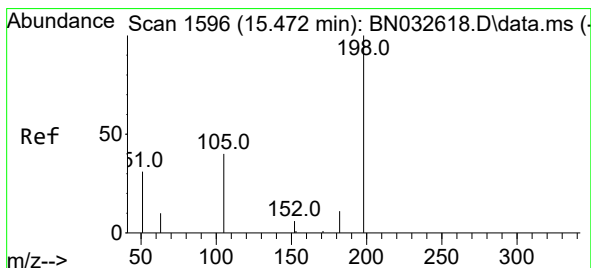
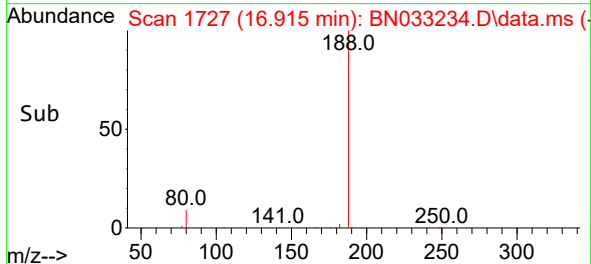
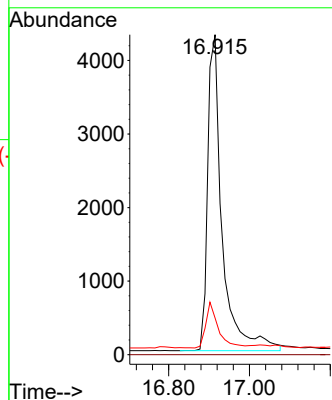
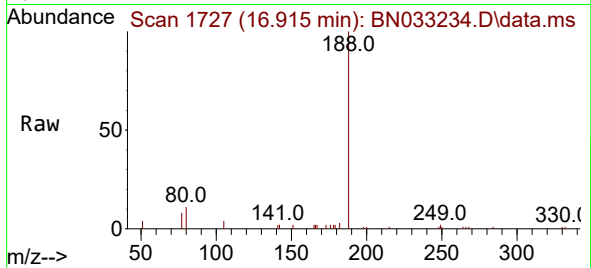




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.915 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

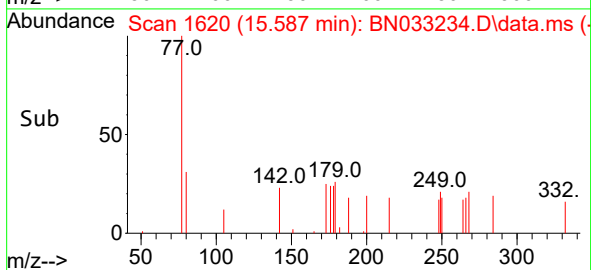
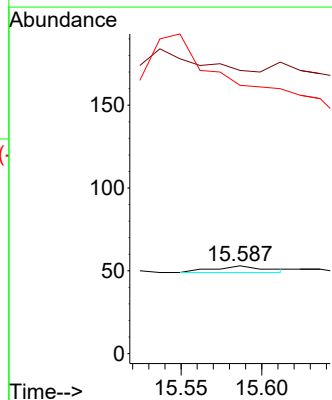
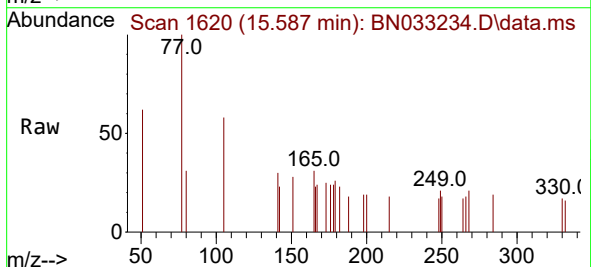
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BNA_N
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922-K1-WS-080124

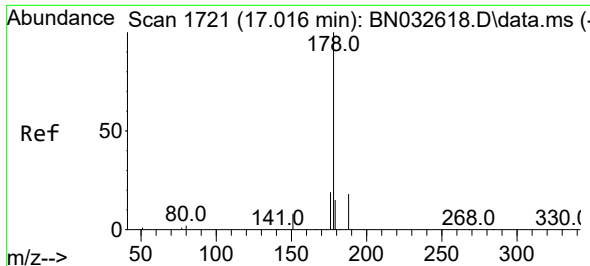
Tgt Ion:188 Resp: 10648
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.297 ng
RT: 15.587 min Scan# 1620
Delta R.T. 0.032 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 322.6 105.7 158.5#
105 305.7 63.0 94.6#

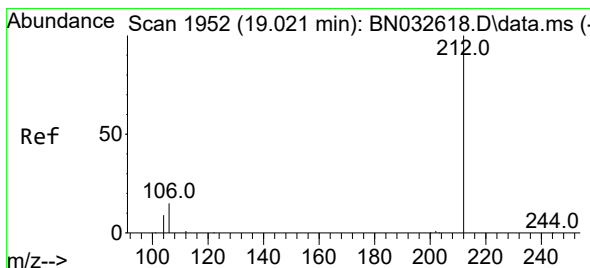
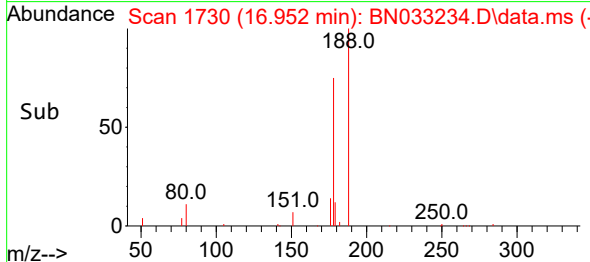
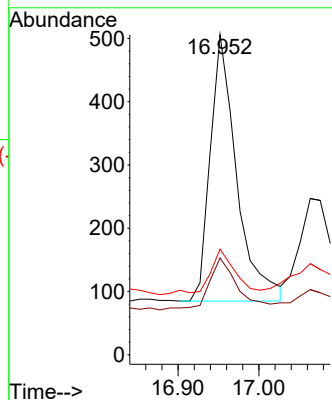
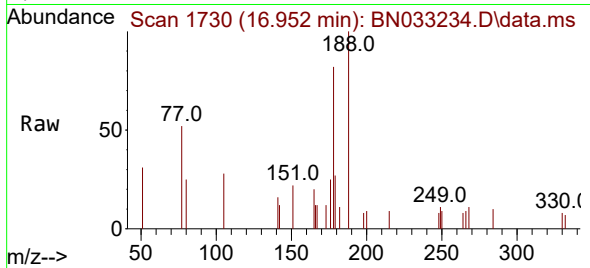




#25
Phenanthrene
Concen: 0.033 ng
RT: 16.952 min Scan# 1721
Delta R.T. -0.018 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

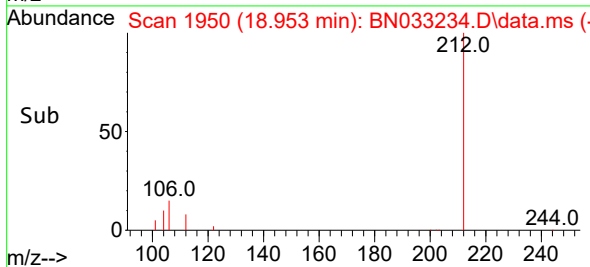
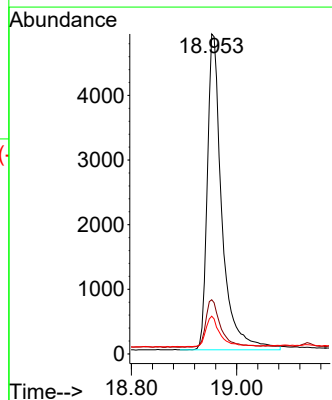
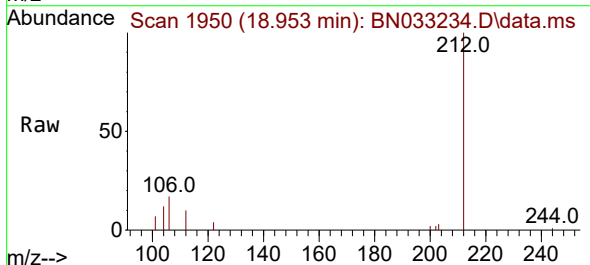
Instrument :
BNA_N
ClientSampleId :
922-K1-WS-080124

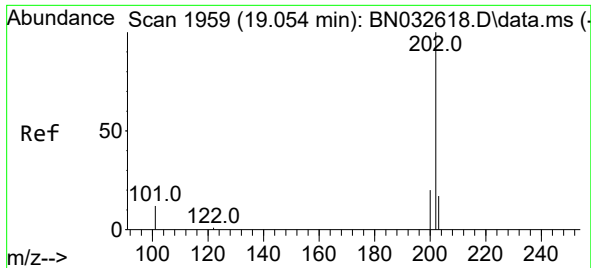
Tgt Ion:178 Resp: 958
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.0 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 18.953 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion:212 Resp: 9419
Ion Ratio Lower Upper
212 100
106 15.5 11.9 17.9
104 9.8 6.9 10.3

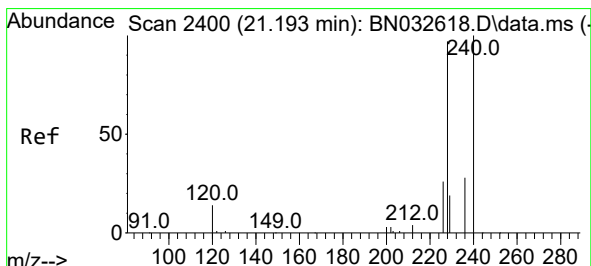
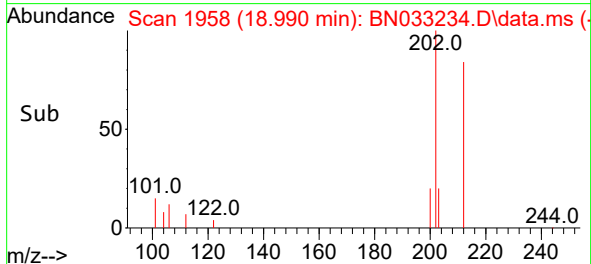
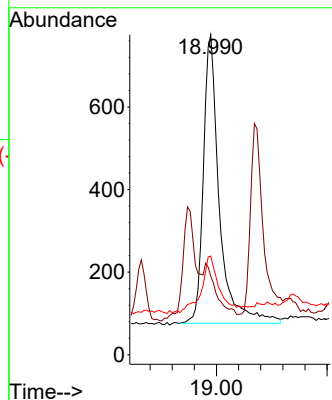
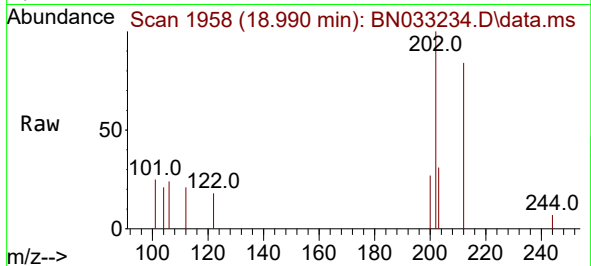




#28
Fluoranthene
Concen: 0.040 ng
RT: 18.990 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

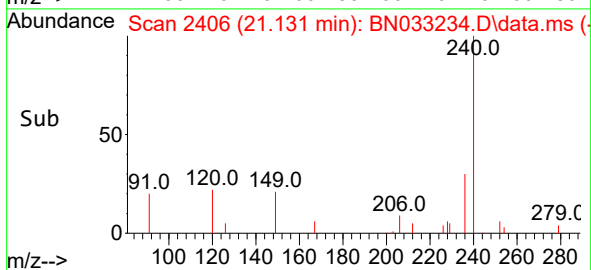
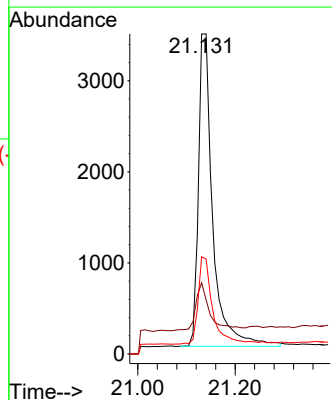
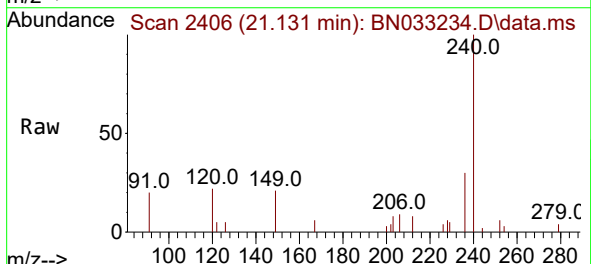
Instrument :
BNA_N
ClientSampleId :
922-K1-WS-080124

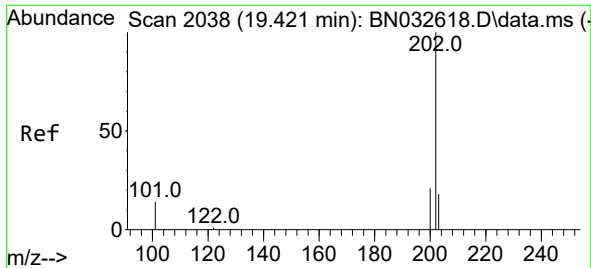
Tgt Ion:202 Resp: 1410
Ion Ratio Lower Upper
202 100
101 0.0 9.6 14.4#
203 20.9 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.131 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion:240 Resp: 7008
Ion Ratio Lower Upper
240 100
120 22.3 14.8 22.2#
236 30.3 23.3 34.9

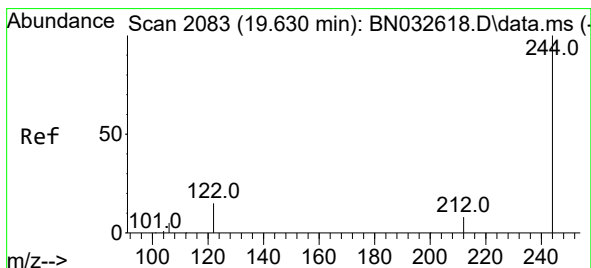
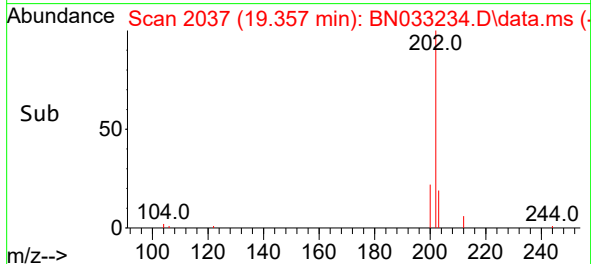
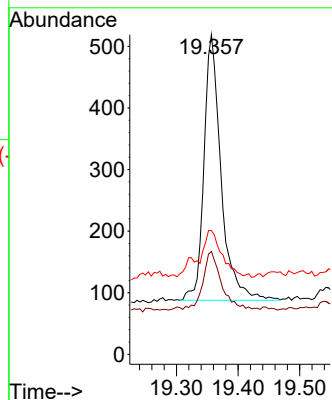
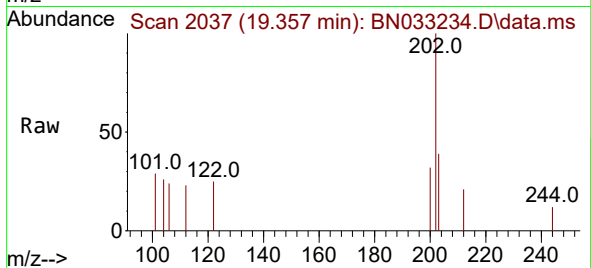




#30
 Pyrene
 Concen: 0.029 ng
 RT: 19.357 min Scan# 2037
 Delta R.T. -0.002 min
 Lab File: BN033234.D
 Acq: 03 Aug 2024 12:12

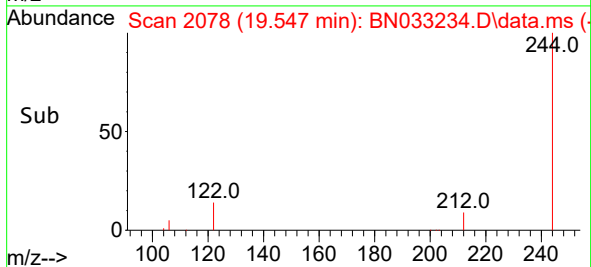
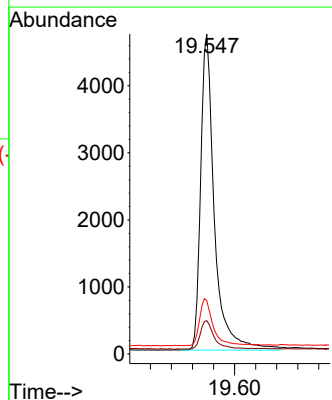
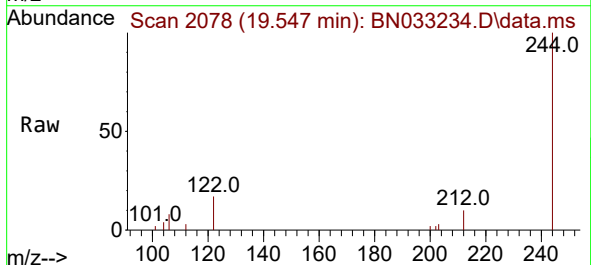
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-WS-080124

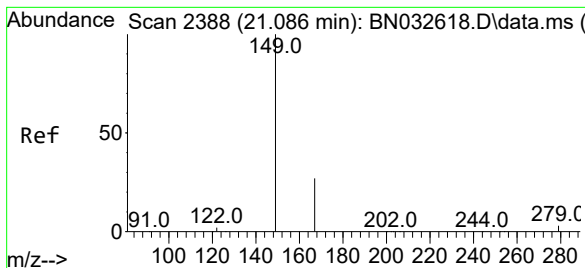
Tgt Ion:202 Resp: 833
 Ion Ratio Lower Upper
 202 100
 200 24.6 16.6 25.0
 203 18.5 14.8 22.2



#31
 Terphenyl-d14
 Concen: 0.594 ng
 RT: 19.547 min Scan# 2078
 Delta R.T. -0.016 min
 Lab File: BN033234.D
 Acq: 03 Aug 2024 12:12

Tgt Ion:244 Resp: 8537
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.5 11.3
 122 16.7 12.6 19.0

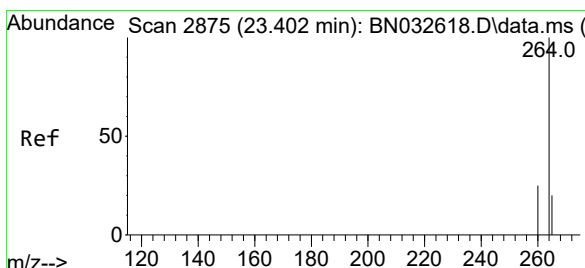
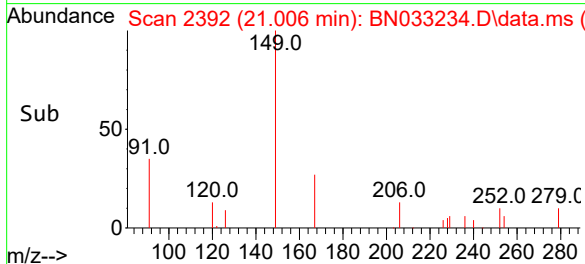
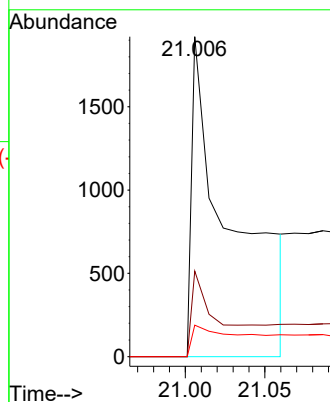
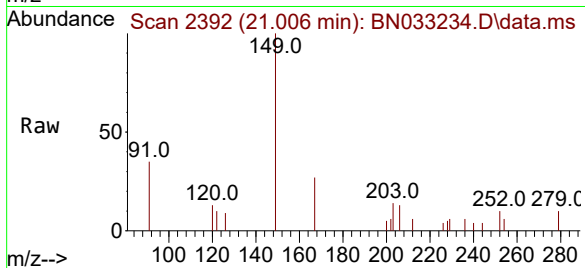




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.255 ng
RT: 21.006 min Scan# 21006
Delta R.T. -0.002 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Instrument :
BNA_N
ClientSampleId :
922-K1-WS-080124

Tgt Ion:149 Resp: 3125
Ion Ratio Lower Upper
149 100
167 15.9 21.4 32.2#
279 12.8 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 2857
Delta R.T. -0.002 min
Lab File: BN033234.D
Acq: 03 Aug 2024 12:12

Tgt Ion:264 Resp: 6904
Ion Ratio Lower Upper
264 100
260 27.2 20.9 31.3
265 85.2 85.4 128.2#

