

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030960.D
 Acq On : 16 Apr 2024 06:01
 Operator : MA/JU
 Sample : P2073-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01B-23-041024

Quant Time: Apr 16 06:34:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 17:03:47 2024
 Response via : Initial Calibration

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

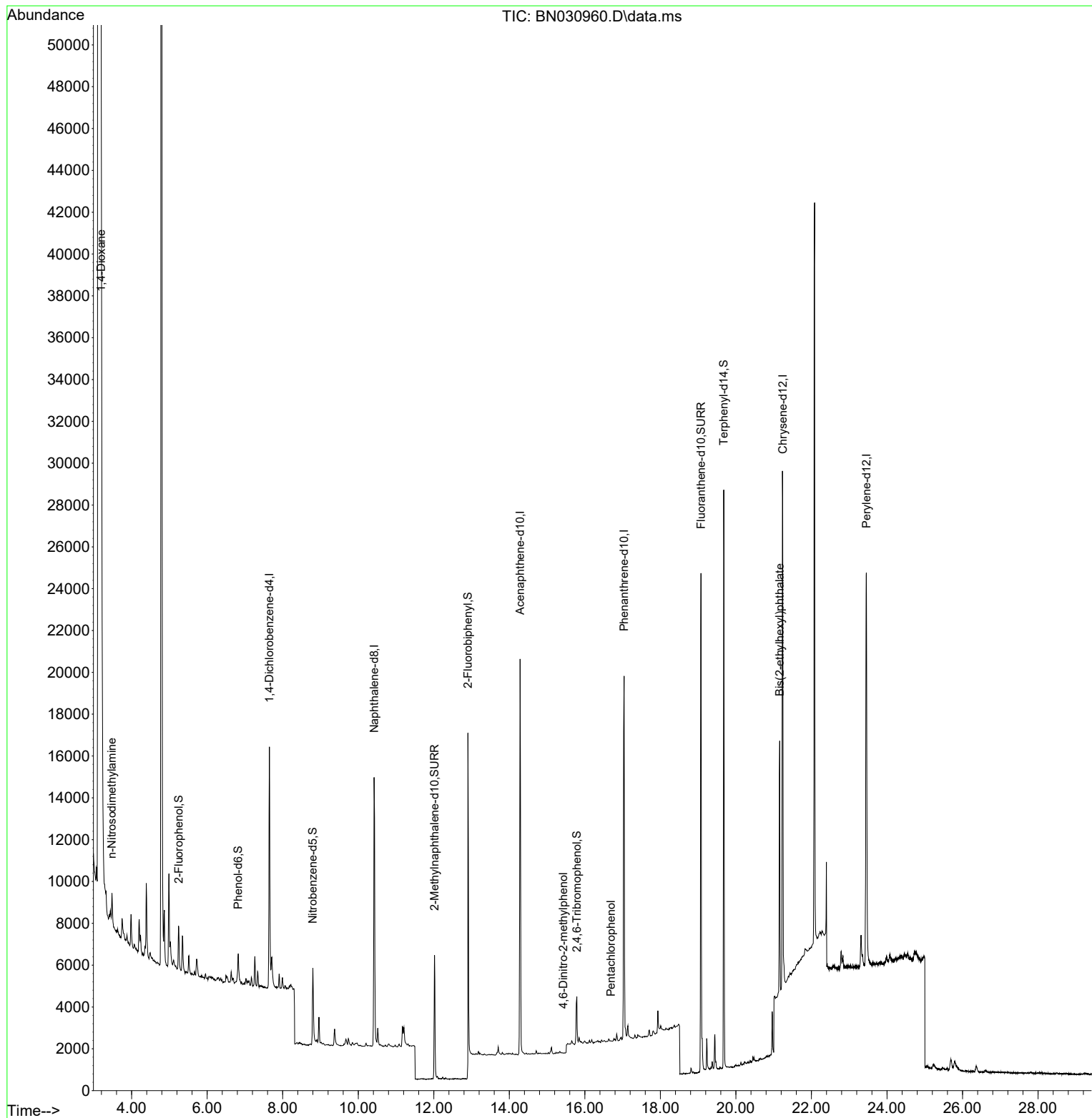
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	5853	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	18085	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	10614	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	25488	0.400	ng	0.00
29) Chrysene-d12	21.240	240	24284	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	25519	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1970	0.151	ng	0.00
5) Phenol-d6	6.823	99	1495	0.095	ng	0.00
8) Nitrobenzene-d5	8.798	82	3412	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	8285	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.786	330	1389	0.337	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	9786	0.274	ng	0.00
27) Fluoranthene-d10	19.075	212	26014	0.379	ng	0.00
31) Terphenyl-d14	19.679	244	25333	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	946	0.131	ng	# 1
3) n-Nitrosodimethylamine	3.471	42	210	0.031	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.428	198	6	0.103	ng	# 1
24) Pentachlorophenol	16.693	266	37	0.132	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.159	149	11620	0.300	ng	99

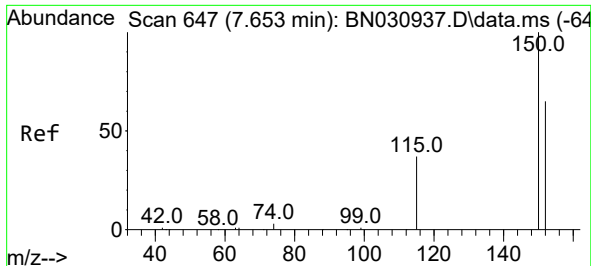
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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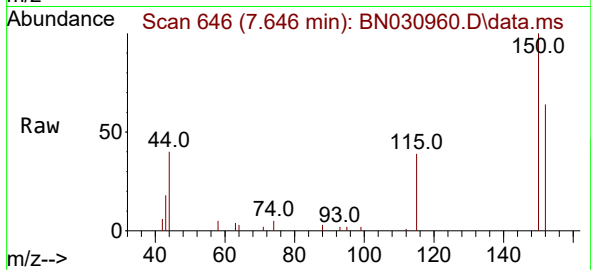
Quant Time: Apr 16 06:34:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
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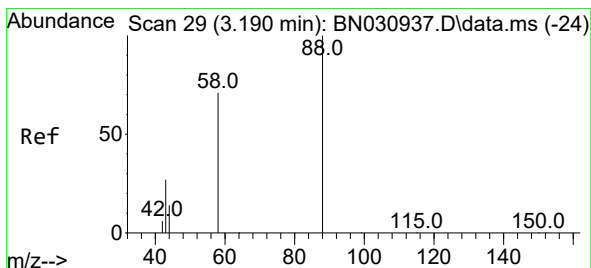
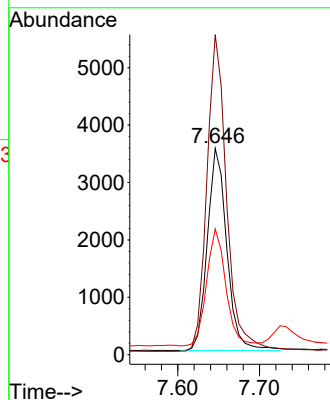
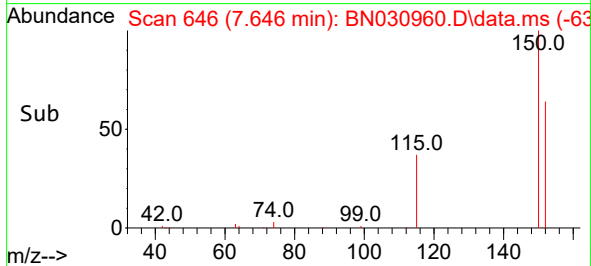


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN030960.D
 Acq: 16 Apr 2024 06:01

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01B-23-041024

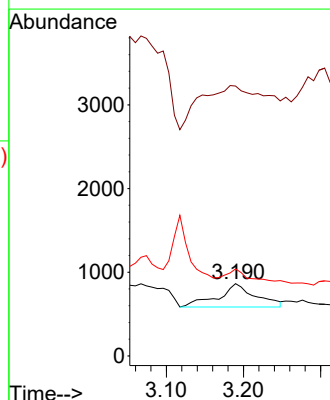
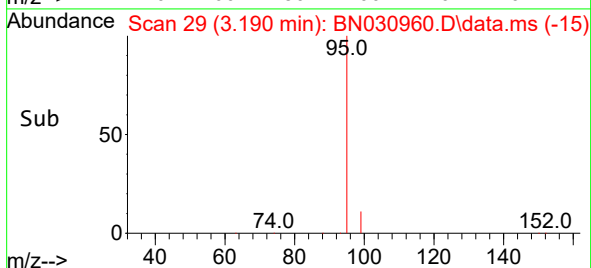
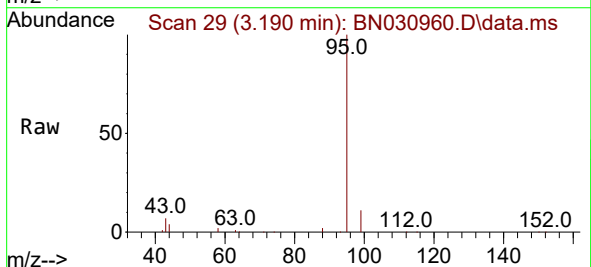


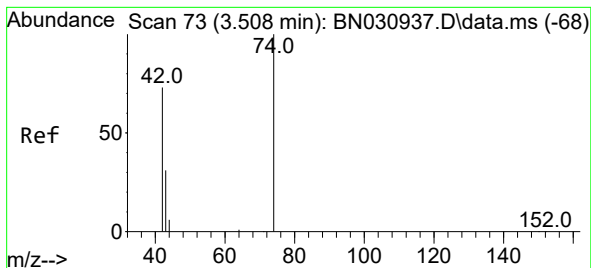
Tgt Ion:152 Resp: 5853
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.7 182.5
 115 61.0 47.8 71.8



#2
 1,4-Dioxane
 Concen: 0.131 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN030960.D
 Acq: 16 Apr 2024 06:01

Tgt Ion: 88 Resp: 946
 Ion Ratio Lower Upper
 88 100
 43 334.7 23.7 35.5#
 58 32.3 55.7 83.5#





#3

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.471 min Scan# 61

Delta R.T. -0.036 min

Lab File: BN030960.D

Acq: 16 Apr 2024 06:01

Instrument :

BNA_N

ClientSampleId :

RSB-01B-23-041024

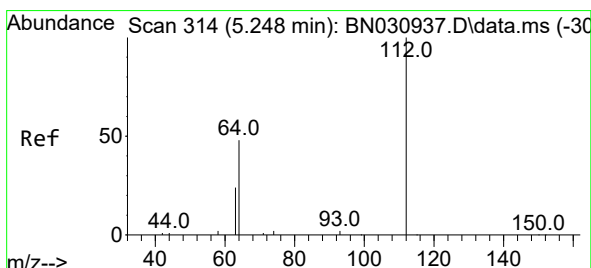
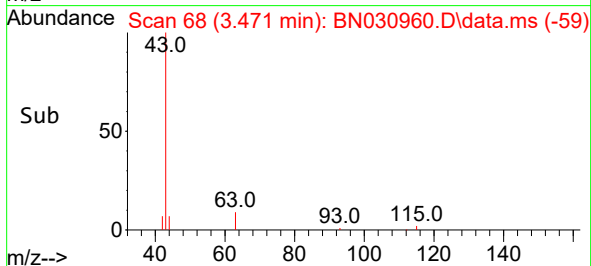
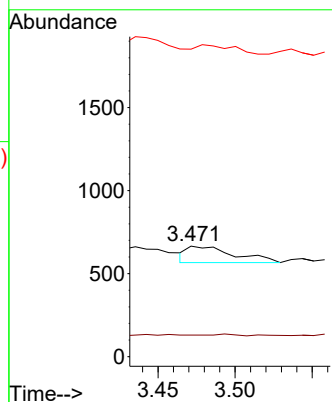
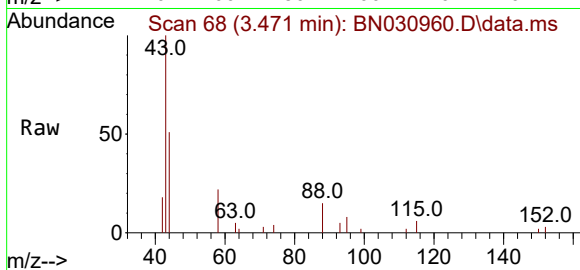
Tgt Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

74 0.0 103.1 154.7#

44 41.0 7.0 10.6#



#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.248 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN030960.D

Acq: 16 Apr 2024 06:01

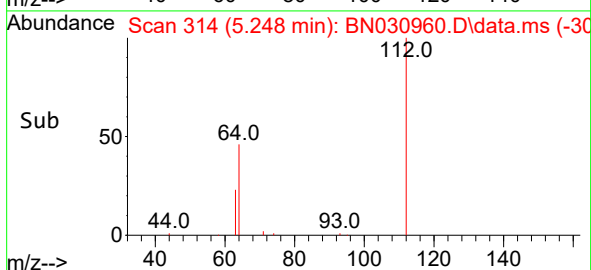
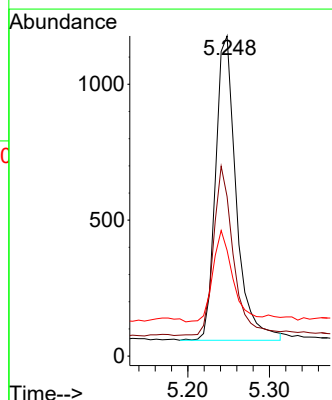
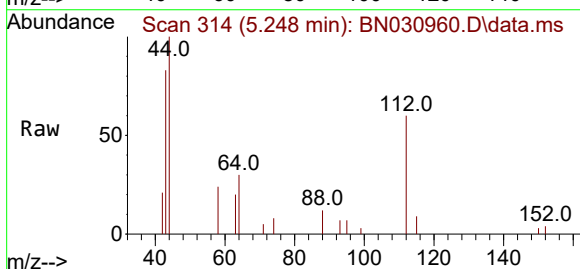
Tgt Ion: 112 Resp: 1970

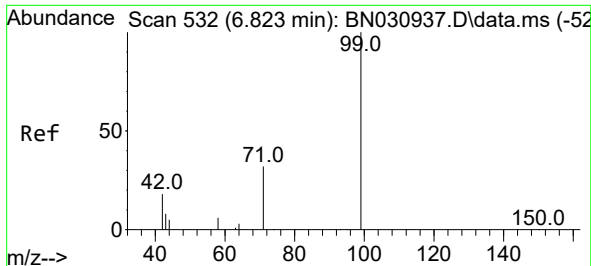
Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.2

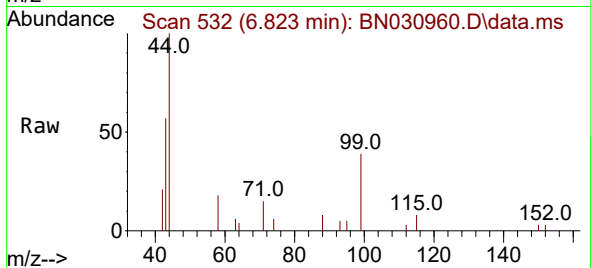
63 29.0 22.2 33.2



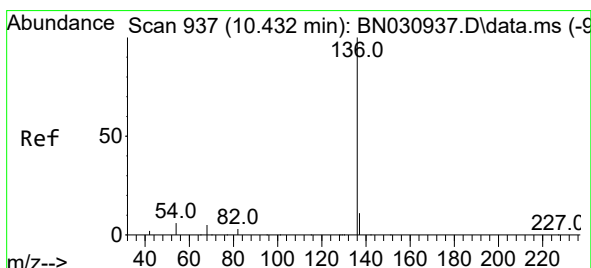
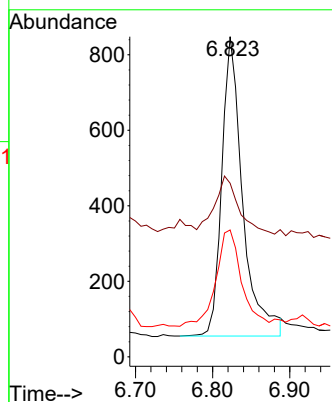
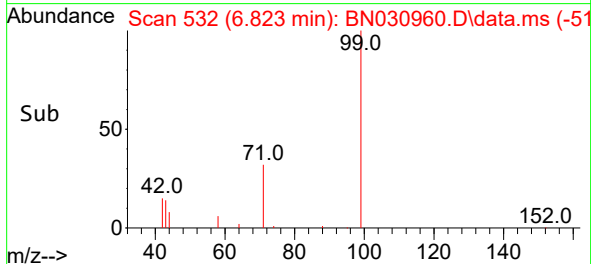


#5
Phenol-d6
Concen: 0.095 ng
RT: 6.823 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Instrument :
BNA_N
ClientSampleId :
RSB-01B-23-041024

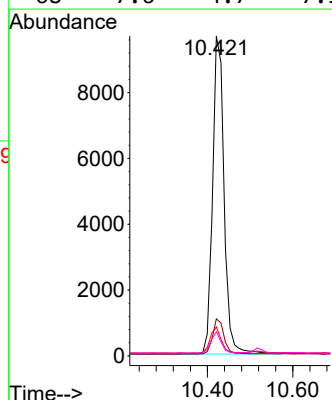
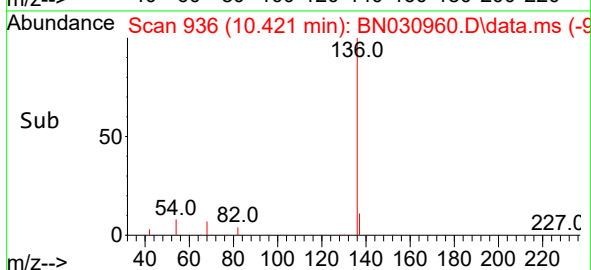
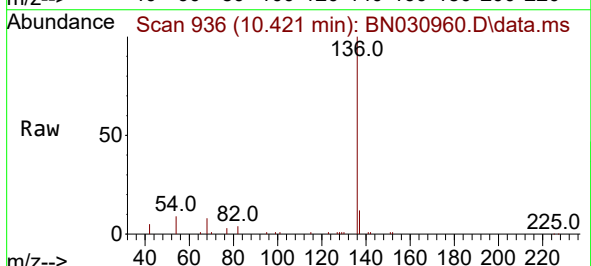


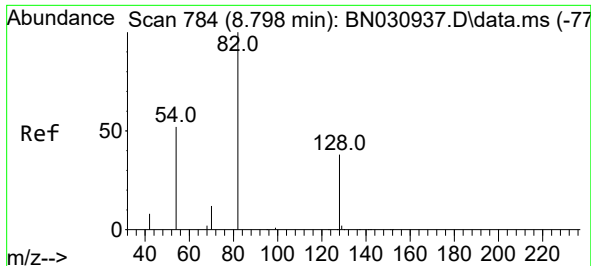
Tgt Ion: 99 Resp: 1495
Ion Ratio Lower Upper
99 100
42 22.4 16.4 24.6
71 39.3 26.3 39.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Tgt Ion: 136 Resp: 18085
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 9.1 5.3 7.9#
68 7.6 4.7 7.1#

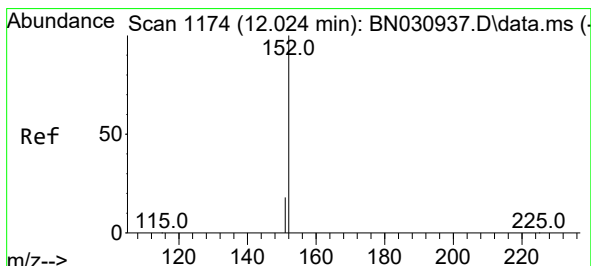
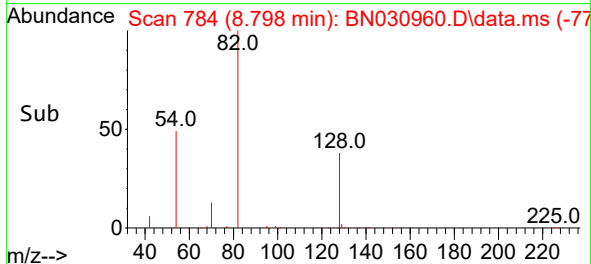
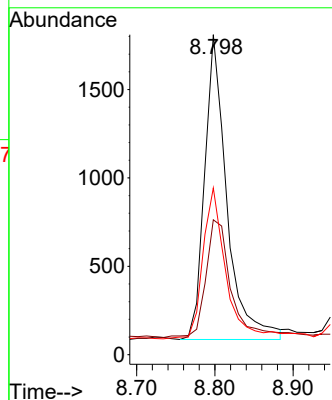
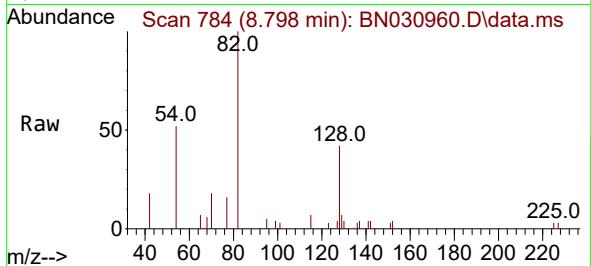




#8
 Nitrobenzene-d5
 Concen: 0.273 ng
 RT: 8.798 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: BN030960.D
 Acq: 16 Apr 2024 06:01

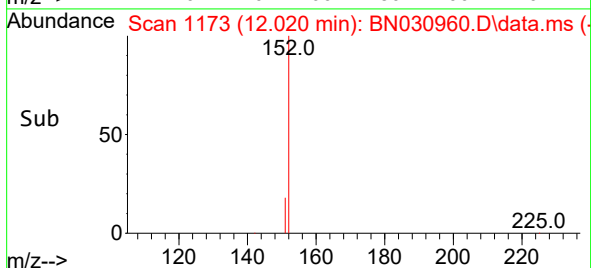
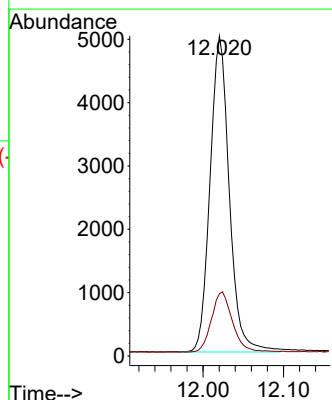
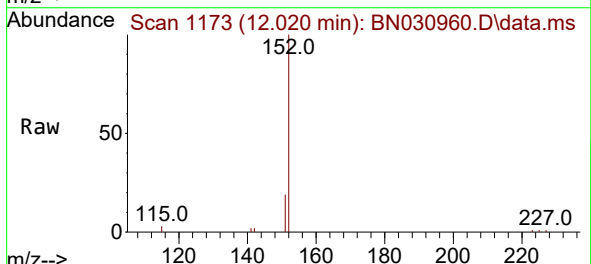
Instrument :
 BNA_N
 ClientSampleId :
 RSB-01B-23-041024

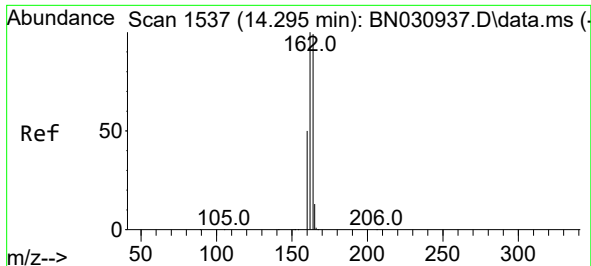
Tgt Ion: 82 Resp: 3412
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.7 50.5
 54 52.1 43.7 65.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng
 RT: 12.020 min Scan# 1173
 Delta R.T. -0.004 min
 Lab File: BN030960.D
 Acq: 16 Apr 2024 06:01

Tgt Ion: 152 Resp: 8285
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.7 25.1

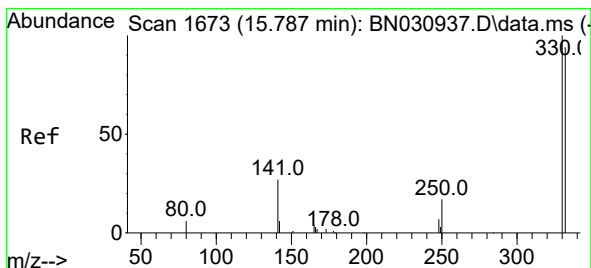
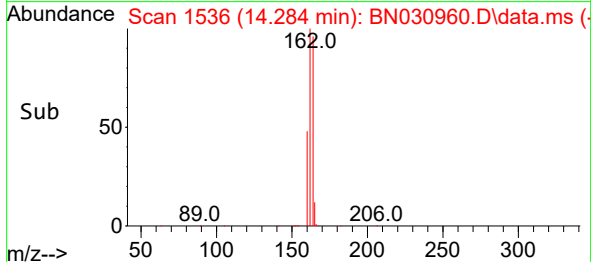
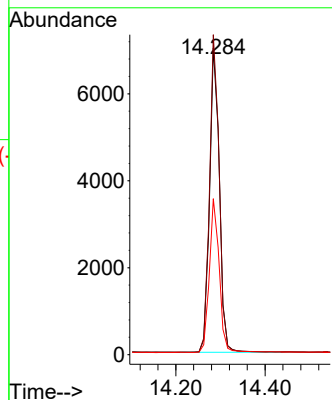
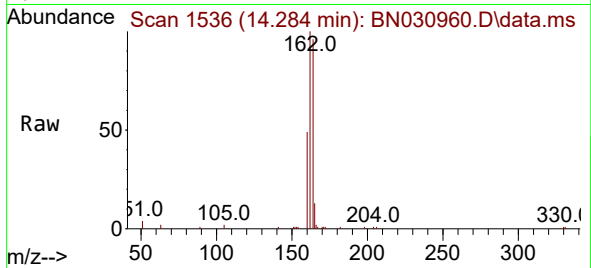




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

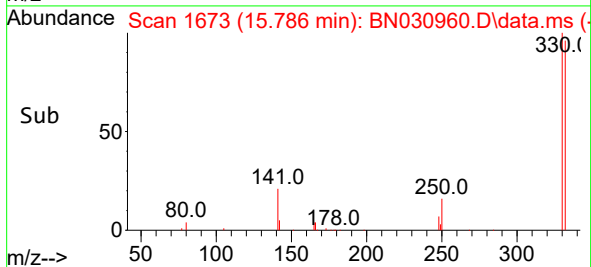
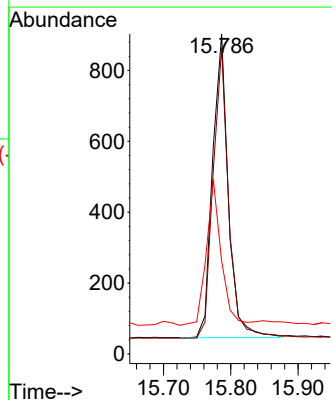
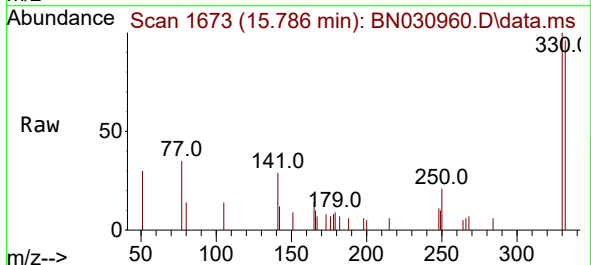
Instrument :
BNA_N
ClientSampleId :
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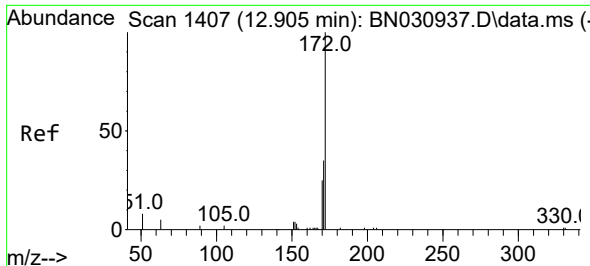
Tgt Ion:164 Resp: 10614
Ion Ratio Lower Upper
164 100
162 104.3 80.6 121.0
160 50.8 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.786 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Tgt Ion:330 Resp: 1389
Ion Ratio Lower Upper
330 100
332 94.2 74.2 111.2
141 45.1 37.2 55.8

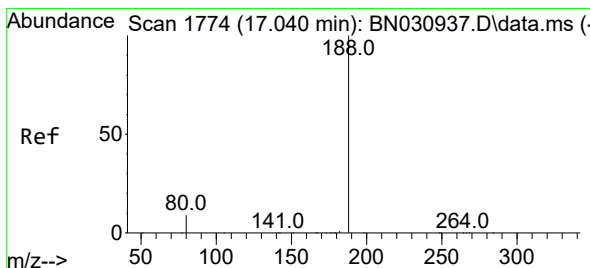
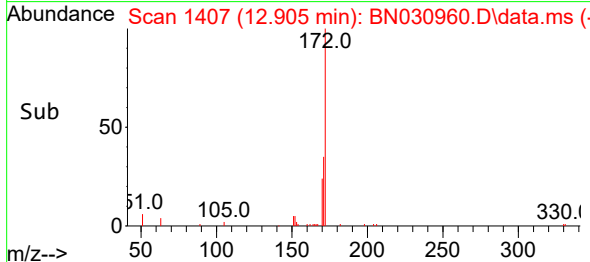
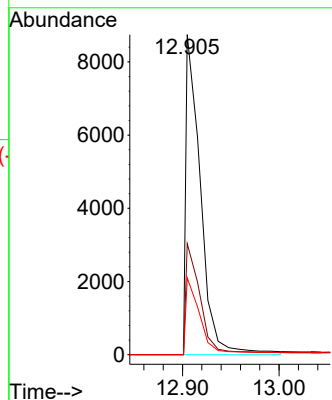
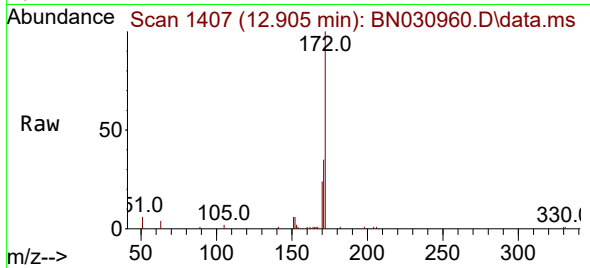




#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

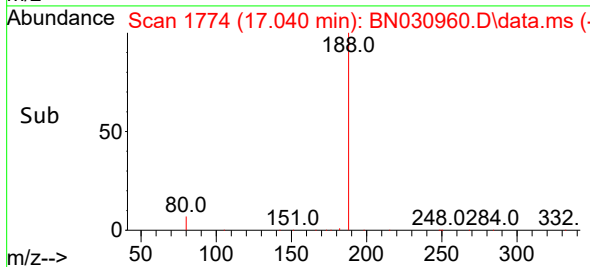
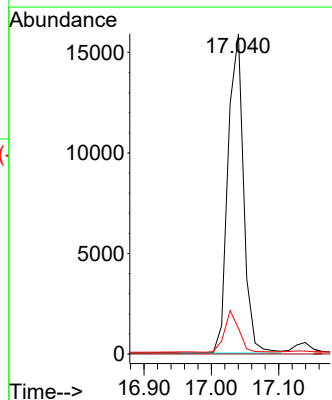
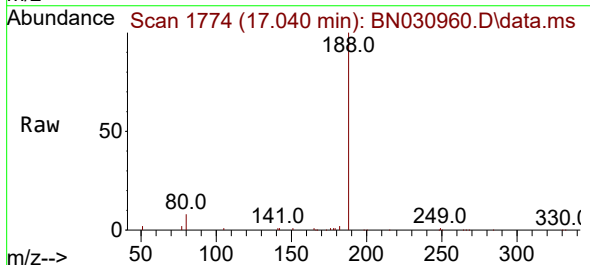
Instrument :
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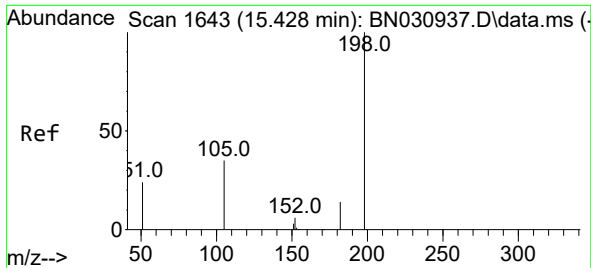
Tgt Ion:172 Resp: 9786
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 24.0 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Tgt Ion:188 Resp: 25488
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.4 11.2

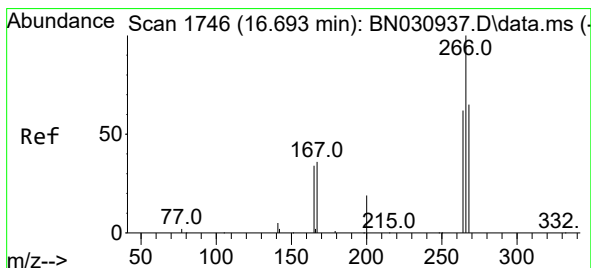
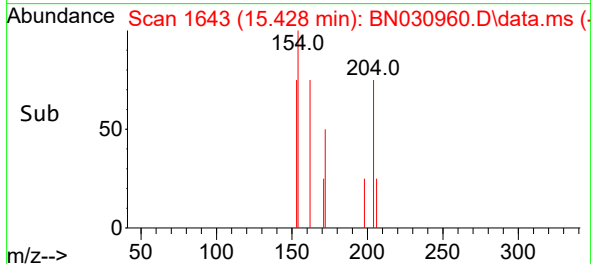
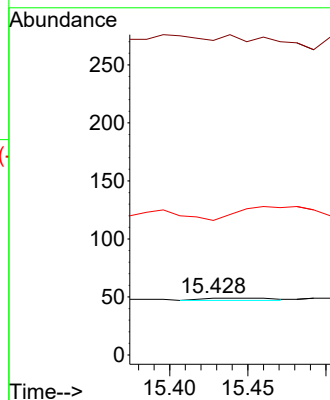
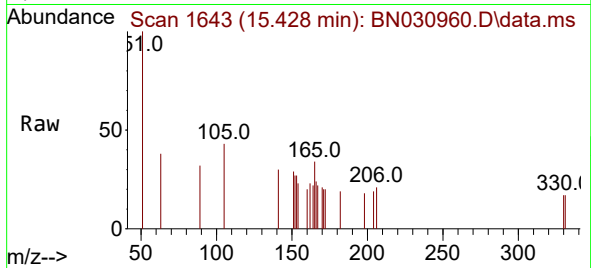




#20
4,6-Dinitro-2-methylphenol
Concen: 0.103 ng
RT: 15.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

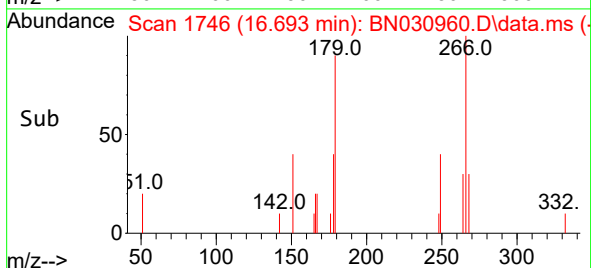
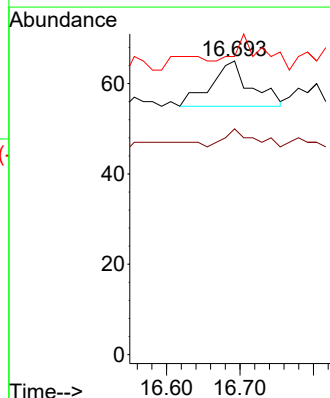
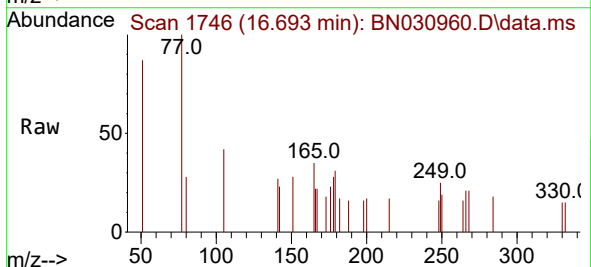
Instrument :
BNA_N
ClientSampleId :
RSB-01B-23-041024

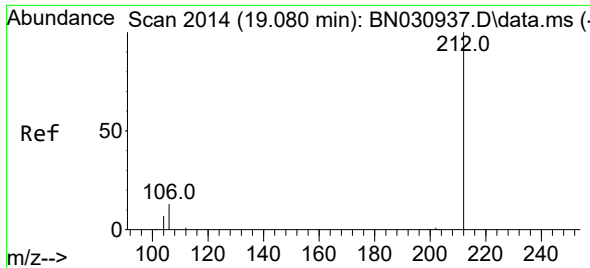
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 553.1 65.2 97.8#
105 236.7 41.0 61.4#



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 16.693 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 27.0 50.2 75.2#
268 59.5 52.3 78.5

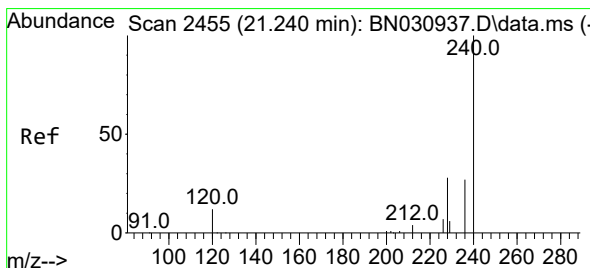
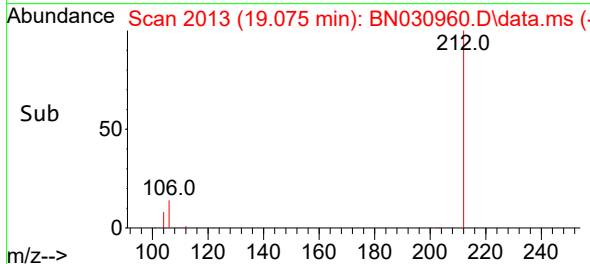
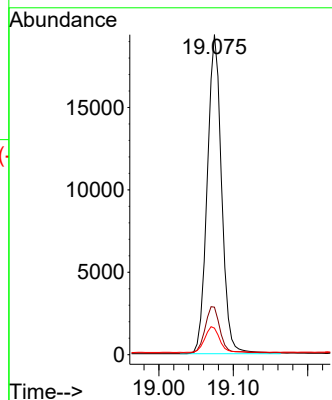
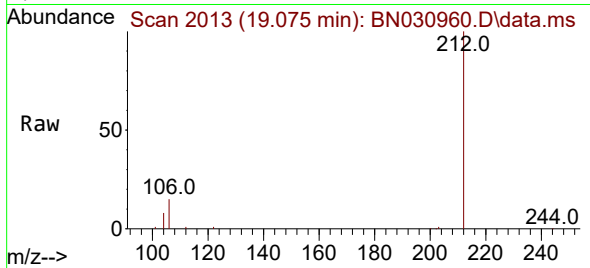




#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.075 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

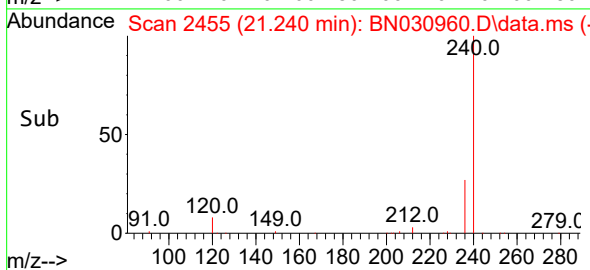
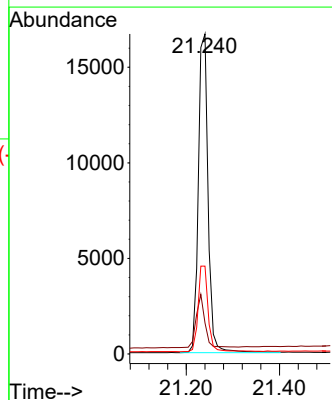
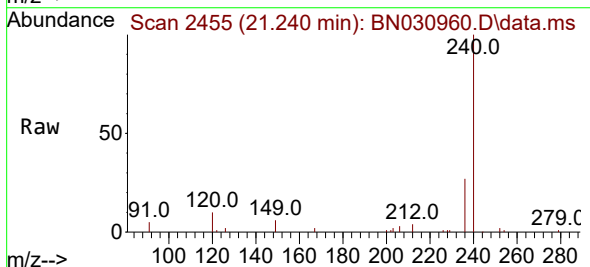
Instrument :
BNA_N
ClientSampleId :
RSB-01B-23-041024

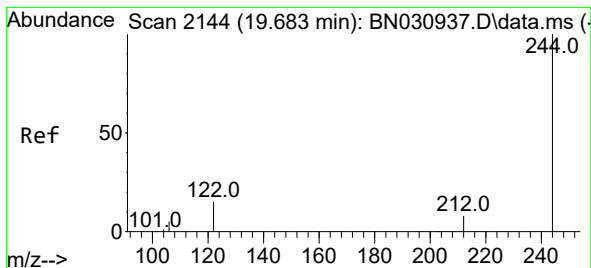
Tgt Ion:212 Resp: 26014
Ion Ratio Lower Upper
212 100
106 15.3 12.0 18.0
104 8.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.240 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BN030960.D
Acq: 16 Apr 2024 06:01

Tgt Ion:240 Resp: 24284
Ion Ratio Lower Upper
240 100
120 9.7 11.0 16.4#
236 27.5 22.3 33.5





#31

Terphenyl-d14

Concen: 0.449 ng

RT: 19.679 min Scan# 2143

Delta R.T. -0.005 min

Lab File: BN030960.D

Acq: 16 Apr 2024 06:01

Instrument :

BNA_N

ClientSampleId :

RSB-01B-23-041024

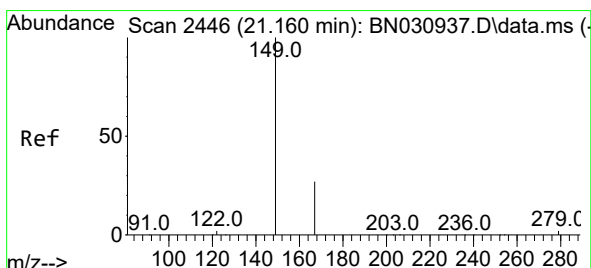
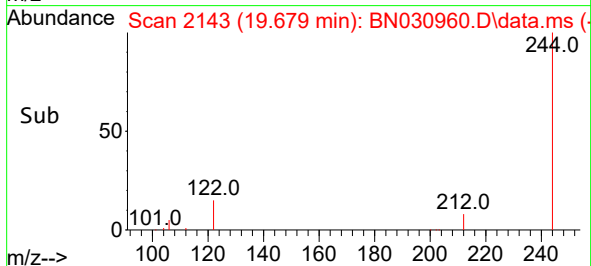
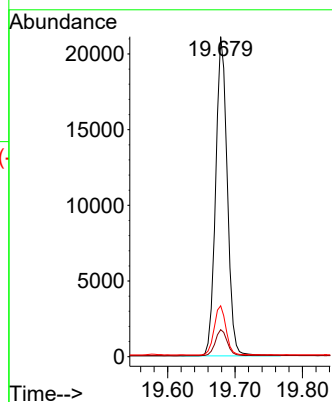
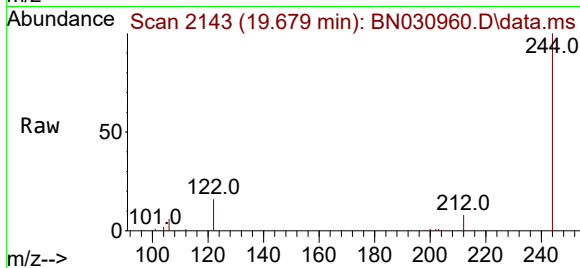
Tgt Ion:244 Resp: 25333

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

122 15.9 12.7 19.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.300 ng

RT: 21.159 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BN030960.D

Acq: 16 Apr 2024 06:01

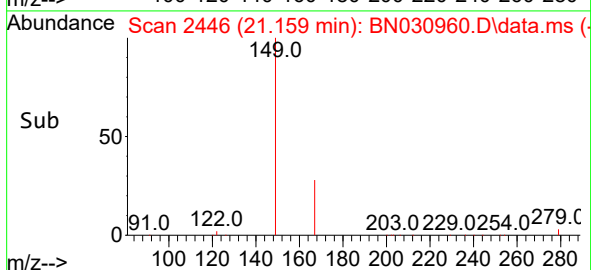
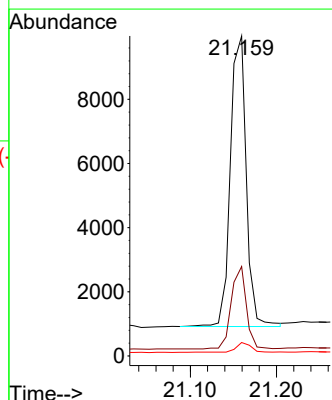
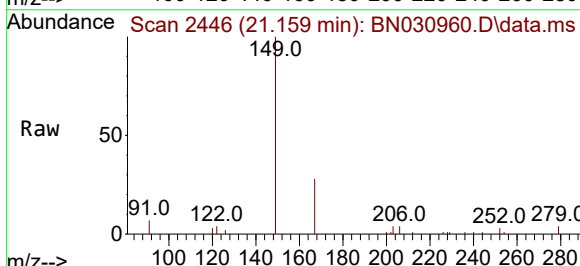
Tgt Ion:149 Resp: 11620

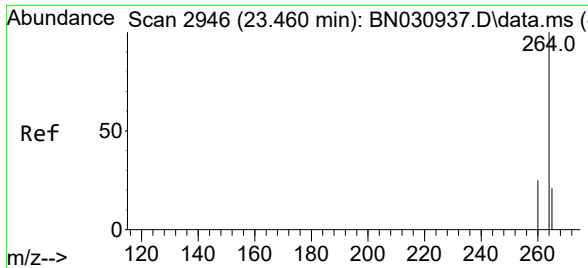
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

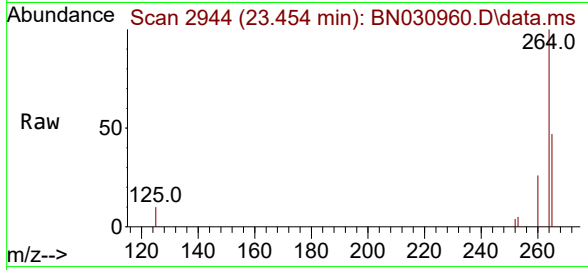
279 3.1 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2944
 Delta R.T. -0.006 min
 Lab File: BN030960.D
 Acq: 16 Apr 2024 06:01

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01B-23-041024



Tgt Ion:264 Resp: 25519
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 31.0
 265 47.4 53.3 79.9#

