

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030956.D
 Acq On : 16 Apr 2024 03:36
 Operator : MA/JU
 Sample : P2041-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-75-040924

Quant Time: Apr 16 04:03:30 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)

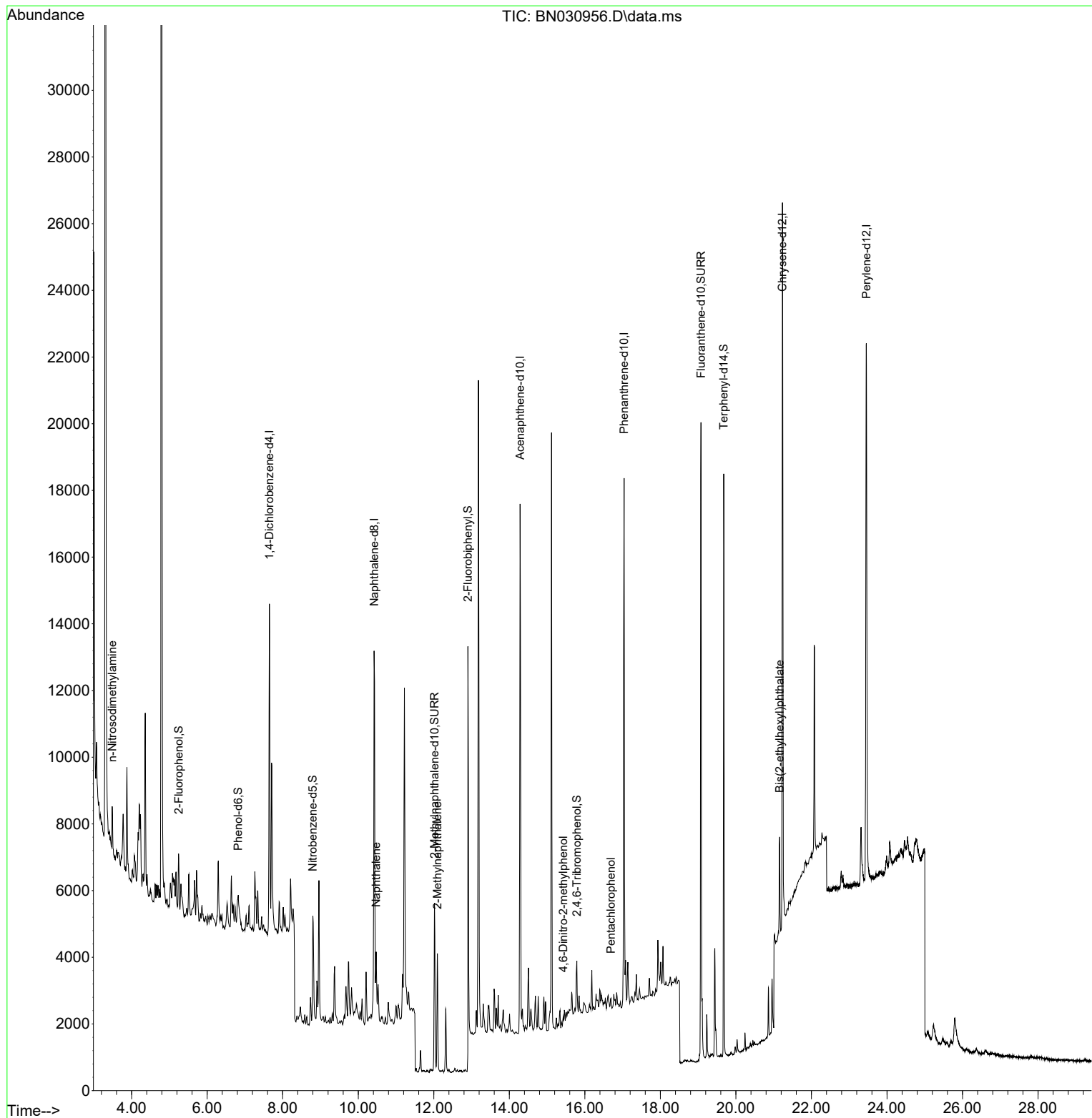
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	5083	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	15716	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	8881	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	21342	0.400	ng	0.00
29) Chrysene-d12	21.231	240	20506	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	21828	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1220	0.108	ng	0.00
5) Phenol-d6	6.823	99	874	0.064	ng	0.00
8) Nitrobenzene-d5	8.798	82	2644	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	6760	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	928	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7560	0.253	ng	0.00
27) Fluoranthene-d10	19.075	212	21126	0.367	ng	0.00
31) Terphenyl-d14	19.679	244	15995	0.336	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.486	42	181	0.031	ng	# 1
9) Naphthalene	10.474	128	2084	0.048	ng	# 84
12) 2-Methylnaphthalene	12.096	142	2611	0.091	ng	96
20) 4,6-Dinitro-2-methylph...	15.428	198	14	0.106	ng	# 1
24) Pentachlorophenol	16.693	266	52	0.136	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.160	149	3386	0.103	ng	95

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

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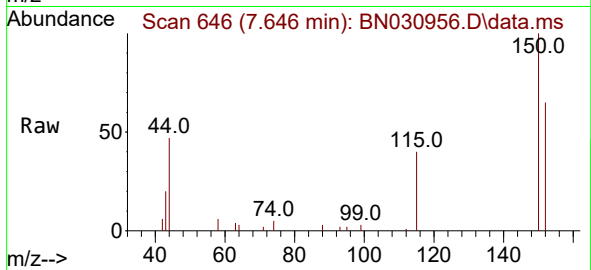
Quant Time: Apr 16 04:03:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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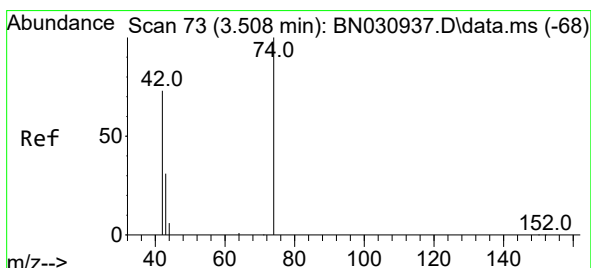
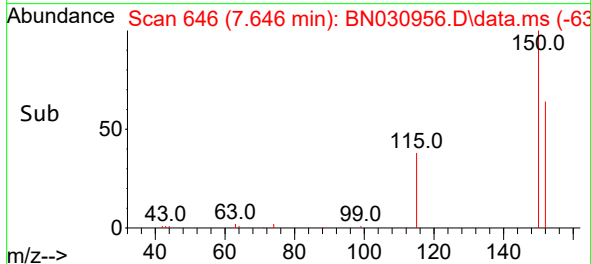
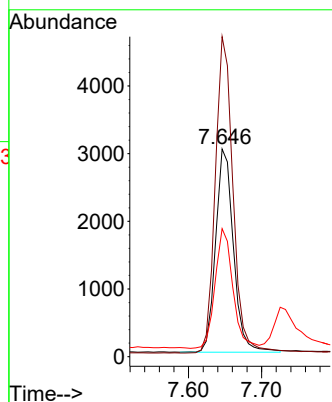


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Instrument :
BNA_N
ClientSampleId :
RSB-01-75-040924

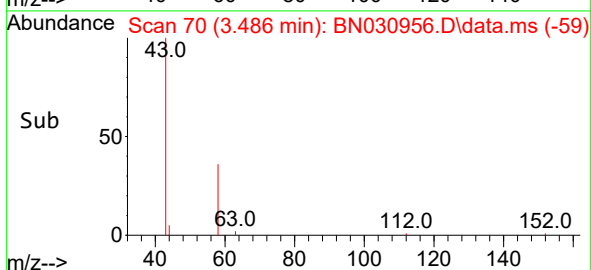
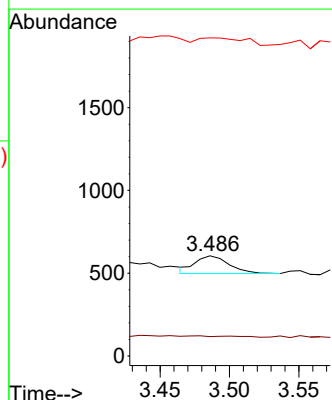
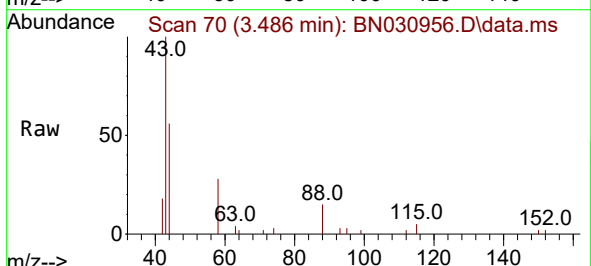


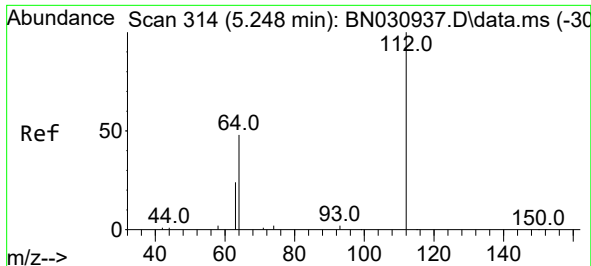
Tgt Ion:152 Resp: 5083
Ion Ratio Lower Upper
152 100
150 154.1 121.7 182.5
115 61.7 47.8 71.8



#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.486 min Scan# 70
Delta R.T. -0.022 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
74 0.0 103.1 154.7#
44 80.1 7.0 10.6#





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.248 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN030956.D

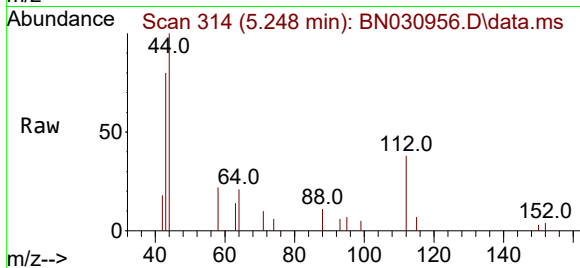
Acq: 16 Apr 2024 03:36

Instrument :

BNA_N

ClientSampleId :

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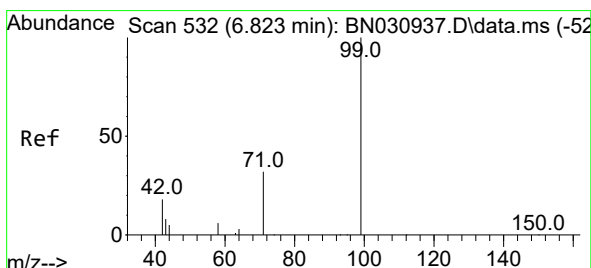
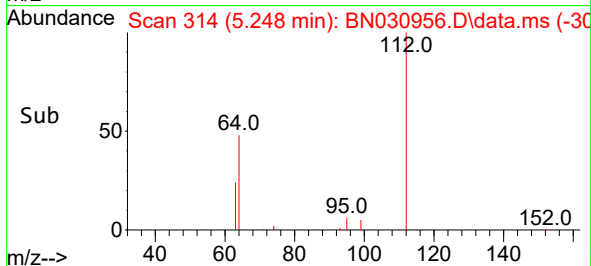
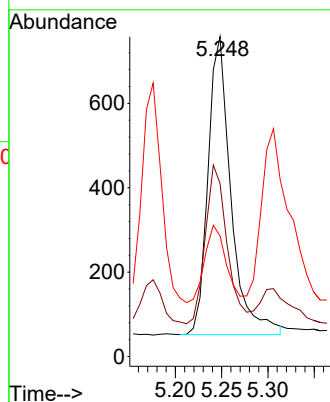
Tgt Ion:112 Resp: 1220

Ion Ratio Lower Upper

112 100

64 49.8 43.4 65.2

63 23.7 22.2 33.2



#5

Phenol-d6

Concen: 0.064 ng

RT: 6.823 min Scan# 532

Delta R.T. -0.000 min

Lab File: BN030956.D

Acq: 16 Apr 2024 03:36

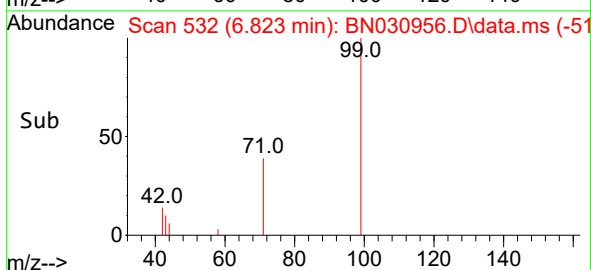
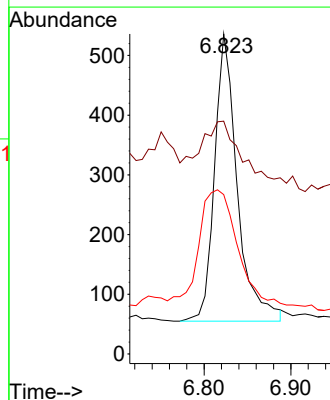
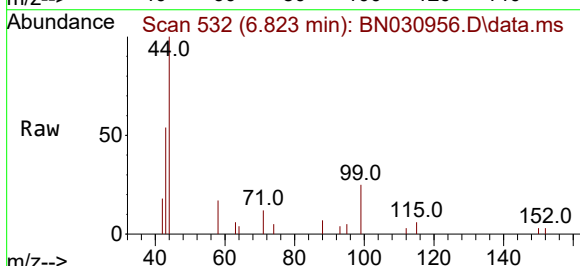
Tgt Ion: 99 Resp: 874

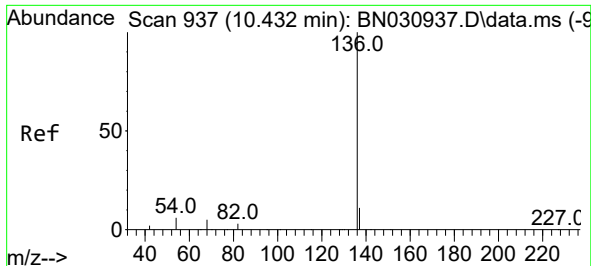
Ion Ratio Lower Upper

99 100

42 29.4 16.4 24.6#

71 64.4 26.3 39.5#

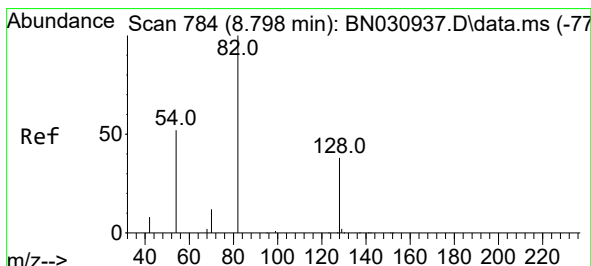
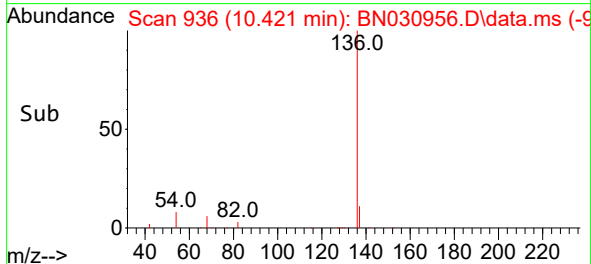
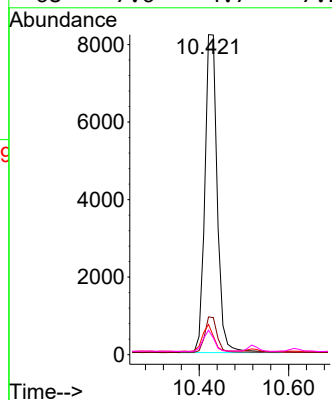
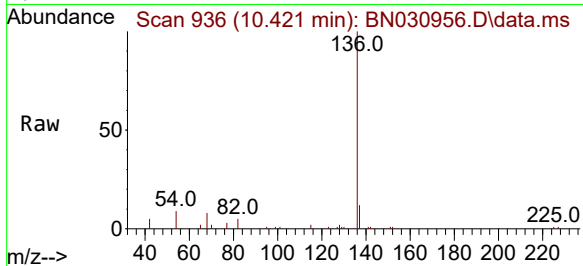




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

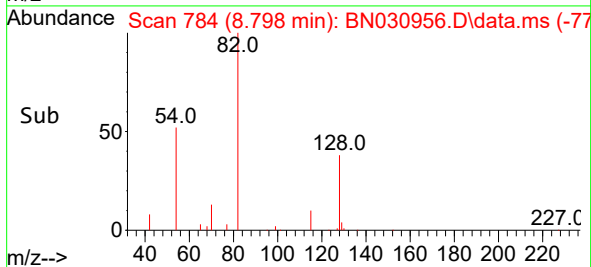
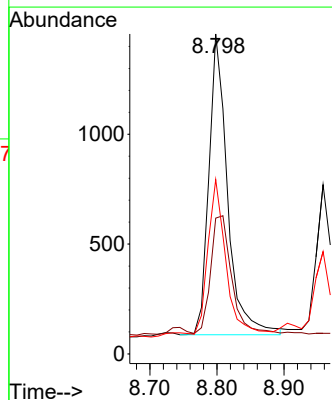
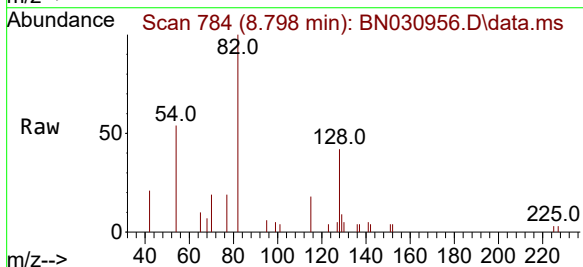
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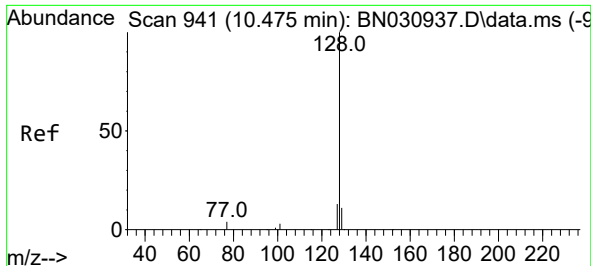
Tgt Ion:	136	Resp:	15716
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.0
54	9.5	5.3	7.9#
68	7.6	4.7	7.1#



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Tgt Ion:	82	Resp:	2644
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.7	50.5
54	54.5	43.7	65.5

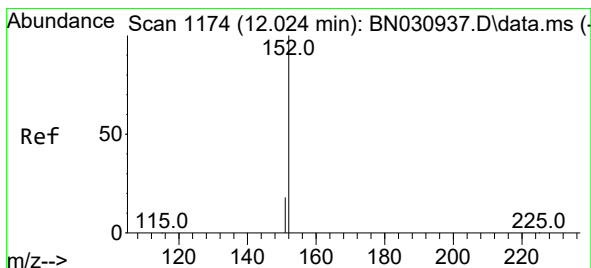
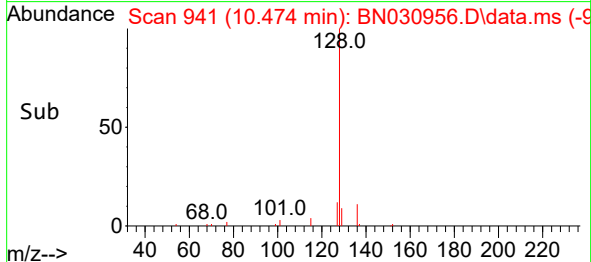
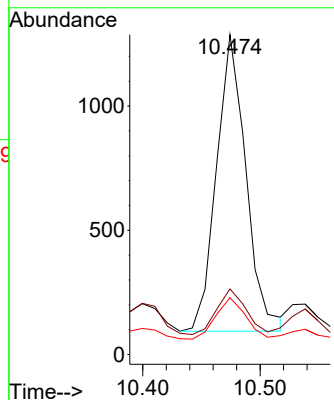
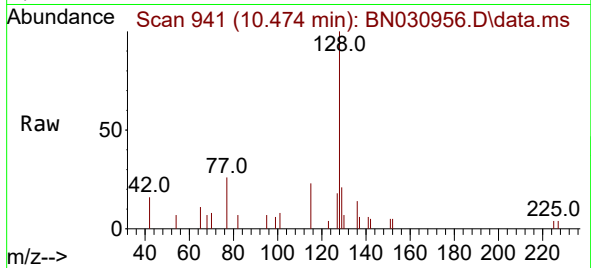




#9
Naphthalene
Concen: 0.048 ng
RT: 10.474 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

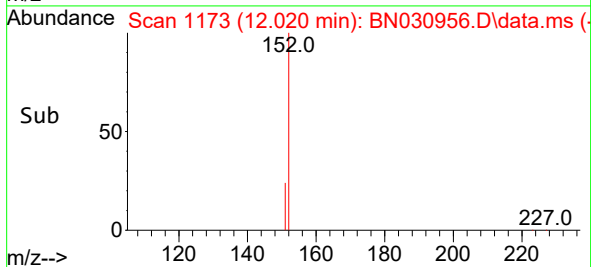
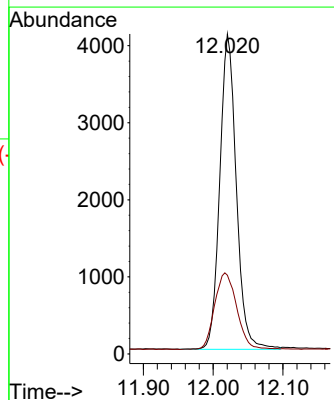
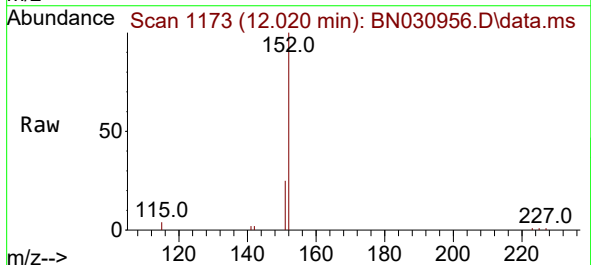
Instrument :
BNA_N
ClientSampleId :
RSB-01-75-040924

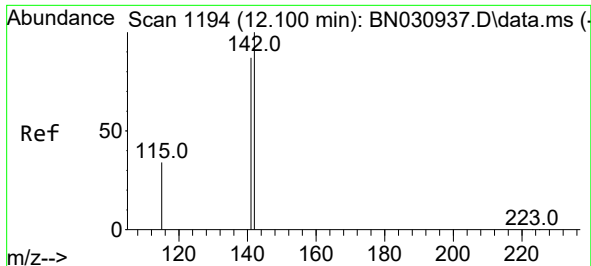
Tgt Ion:128 Resp: 2084
Ion Ratio Lower Upper
128 100
129 20.5 9.4 14.0#
127 17.8 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.020 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

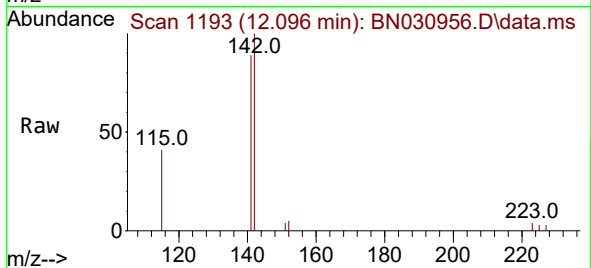
Tgt Ion:152 Resp: 6760
Ion Ratio Lower Upper
152 100
151 32.3 16.7 25.1#



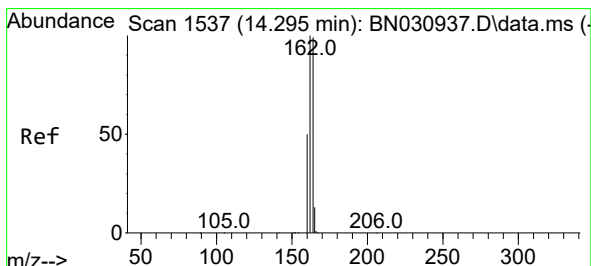
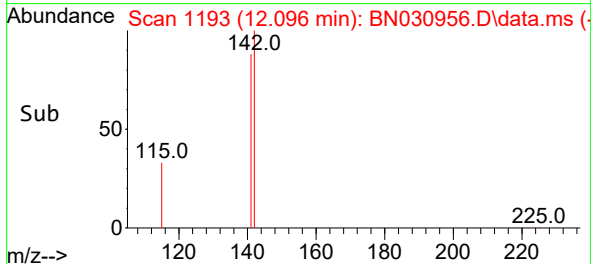
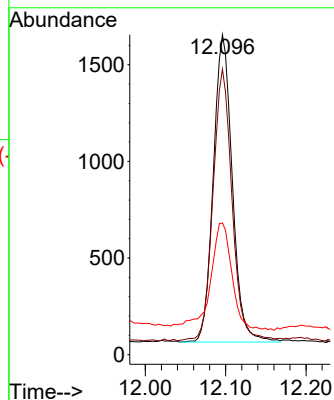


#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.096 min Scan# 1193
Delta R.T. -0.004 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Instrument :
BNA_N
ClientSampleId :
RSB-01-75-040924

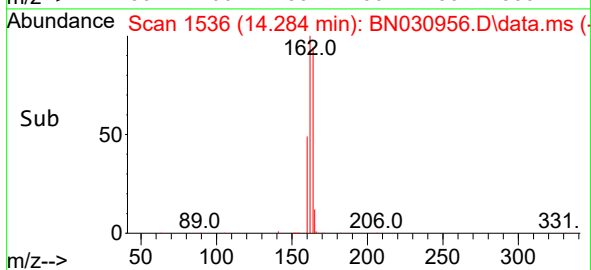
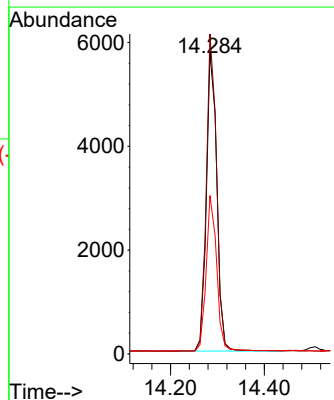
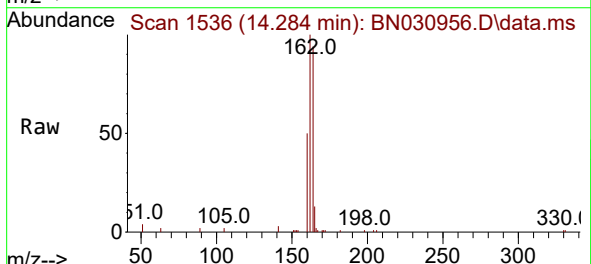


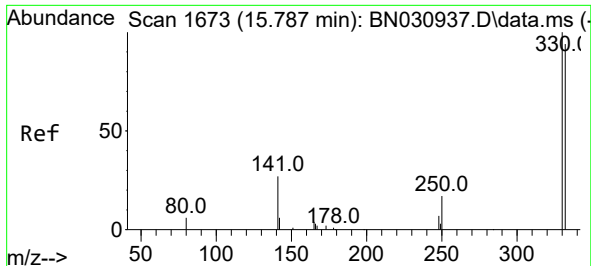
Tgt Ion:	142	Resp:	2611
Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.8
115	41.1	28.3	42.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

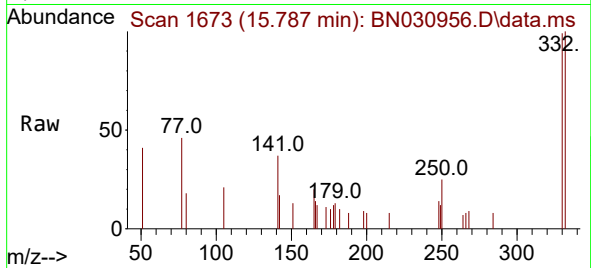
Tgt Ion:	164	Resp:	8881
Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.6	121.0
160	52.5	40.7	61.1



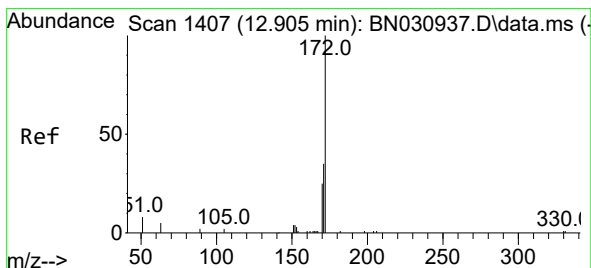
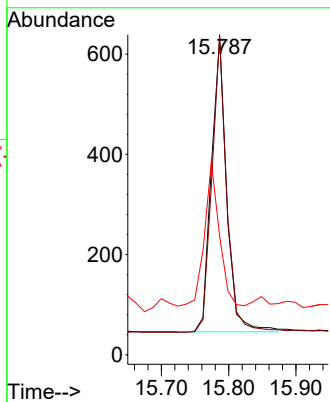
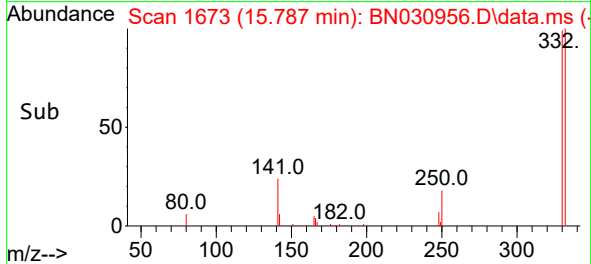


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

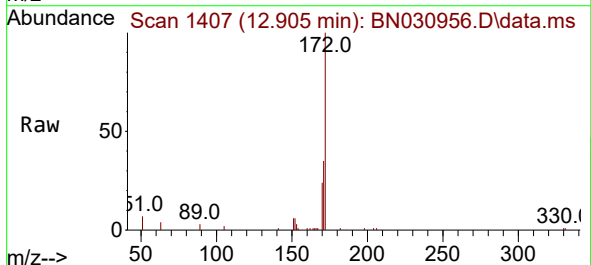
Instrument :
BNA_N
ClientSampleId :
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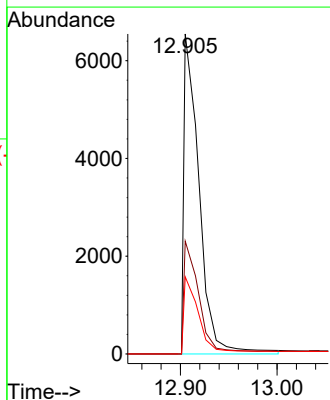
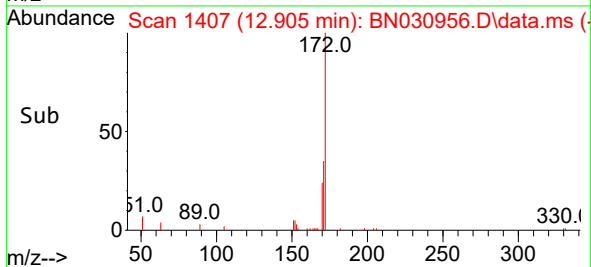
Tgt Ion: 330 Resp: 928
Ion Ratio Lower Upper
330 100
332 97.3 74.2 111.2
141 47.3 37.2 55.8

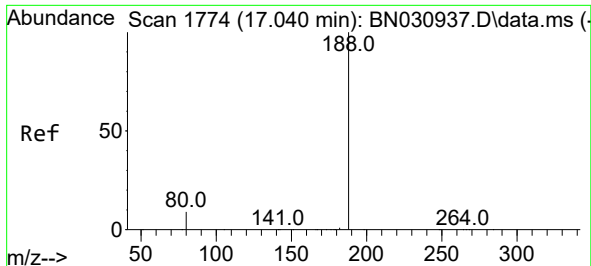


#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36



Tgt Ion: 172 Resp: 7560
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 24.1 19.8 29.8

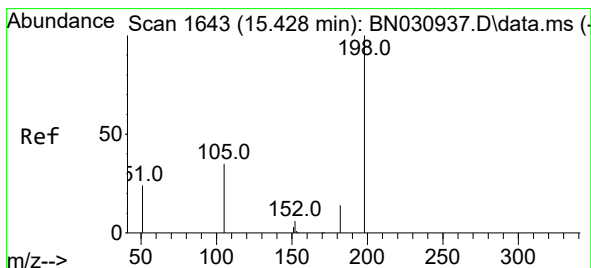
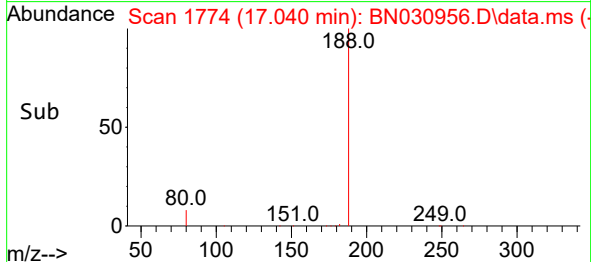
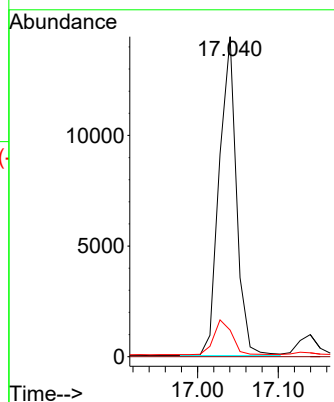
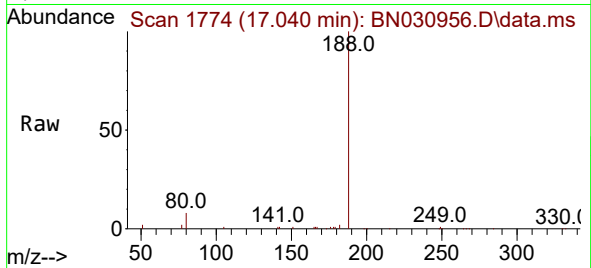




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

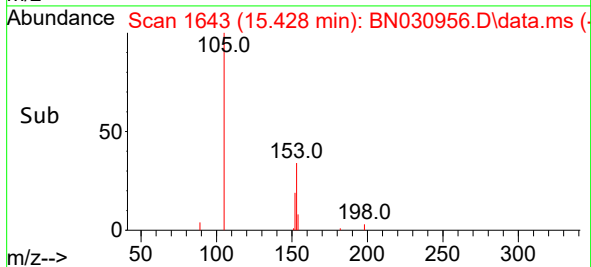
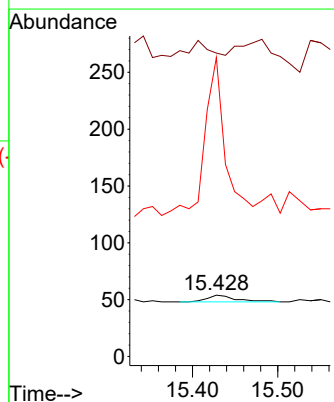
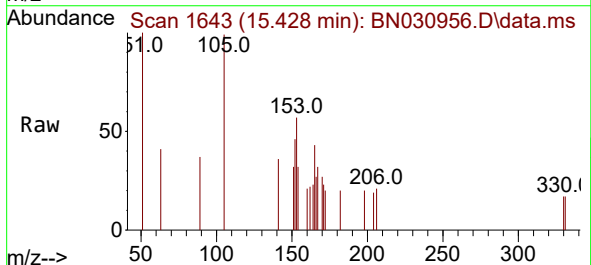
Instrument :
BNA_N
ClientSampleId :
RSB-01-75-040924

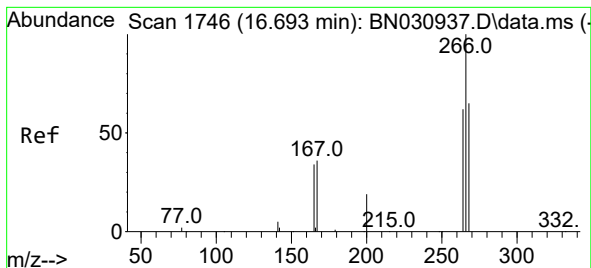
Tgt Ion:188 Resp: 21342
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 15.428 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 494.4 65.2 97.8#
105 487.0 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.136 ng

RT: 16.693 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030956.D

Acq: 16 Apr 2024 03:36

Instrument :

BNA_N

ClientSampleId :

RSB-01-75-040924

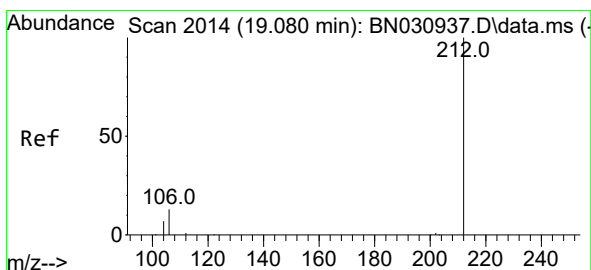
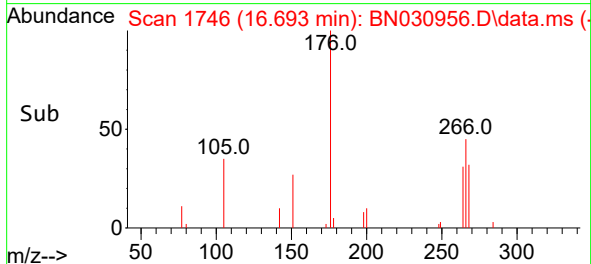
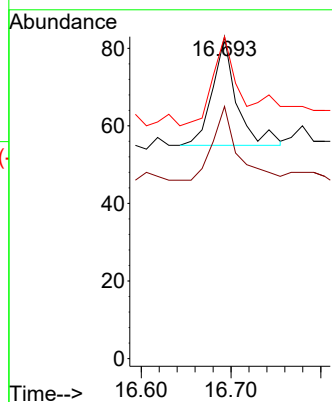
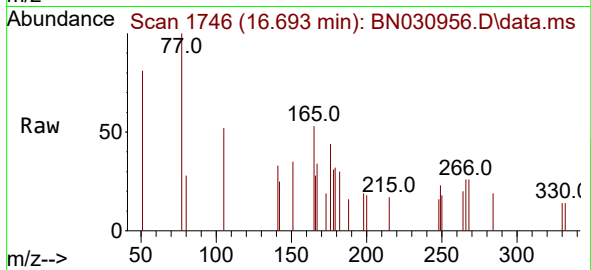
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 69.2 50.2 75.2

268 86.5 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.075 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN030956.D

Acq: 16 Apr 2024 03:36

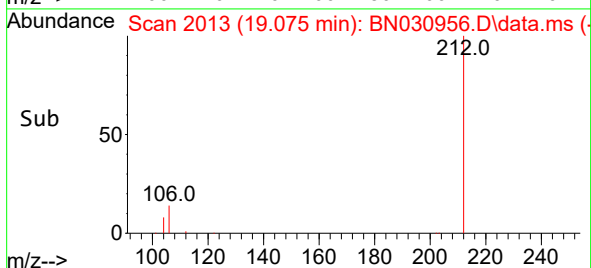
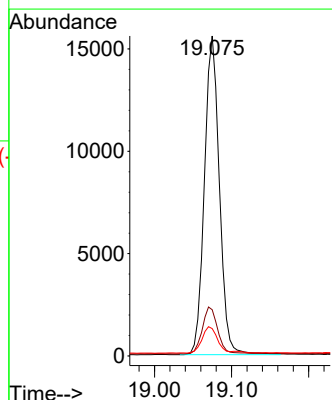
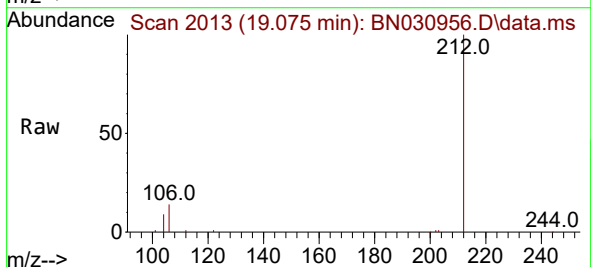
Tgt Ion:212 Resp: 21126

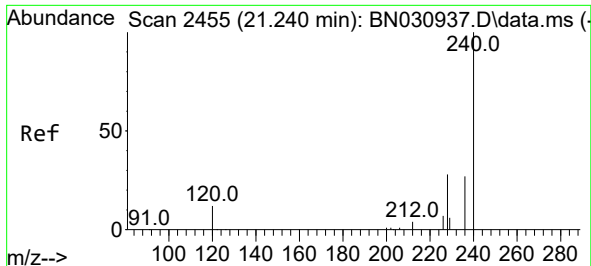
Ion Ratio Lower Upper

212 100

106 15.2 12.0 18.0

104 8.7 6.7 10.1

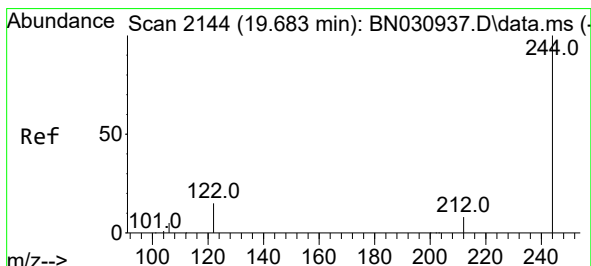
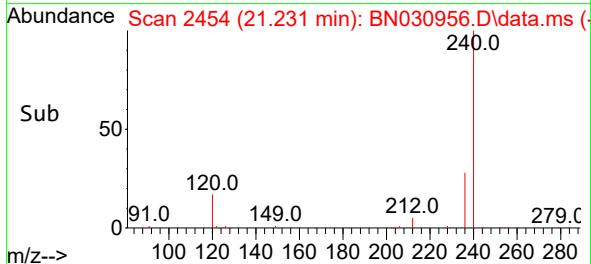
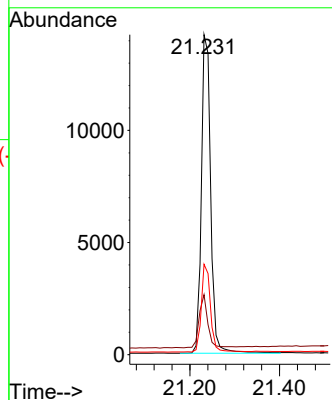
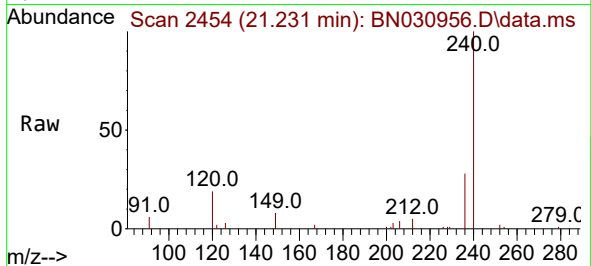




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

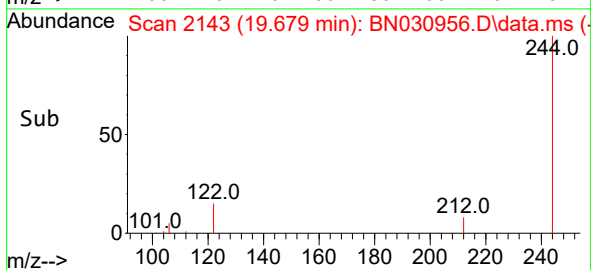
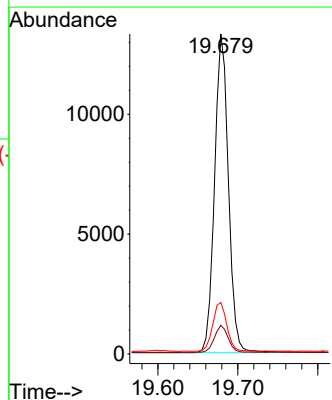
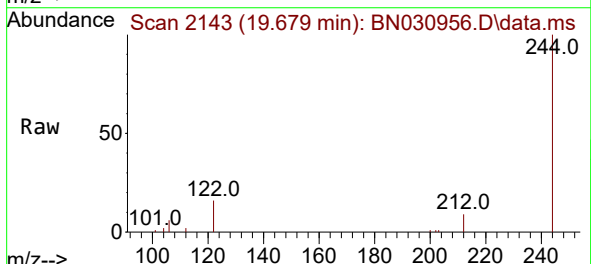
Instrument :
BNA_N
ClientSampleId :
RSB-01-75-040924

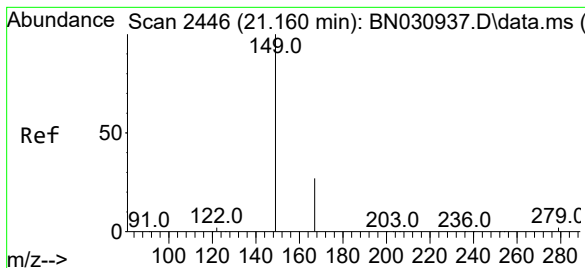
Tgt Ion:240 Resp: 20506
Ion Ratio Lower Upper
240 100
120 18.7 11.0 16.4#
236 28.2 22.3 33.5



#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.679 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN030956.D
Acq: 16 Apr 2024 03:36

Tgt Ion:244 Resp: 15995
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 16.1 12.7 19.1

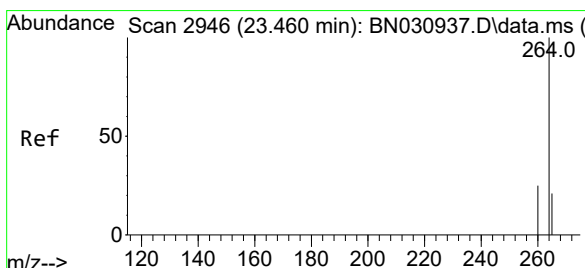
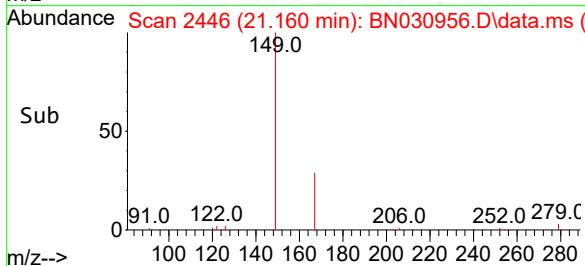
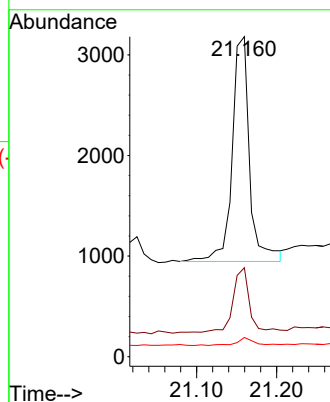
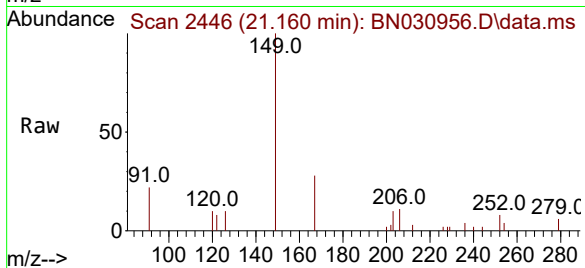




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.160 min Scan# 2446
 Delta R.T. -0.000 min
 Lab File: BN030956.D
 Acq: 16 Apr 2024 03:36

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-75-040924

Tgt Ion:149 Resp: 3386
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.0 31.4
 279 3.7 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: BN030956.D
 Acq: 16 Apr 2024 03:36

Tgt Ion:264 Resp: 21828
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 31.0
 265 50.2 53.3 79.9#

