

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030959.D
 Acq On : 16 Apr 2024 05:25
 Operator : MA/JU
 Sample : P2073-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01A-17-041024

Quant Time: Apr 16 06:34:41 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)

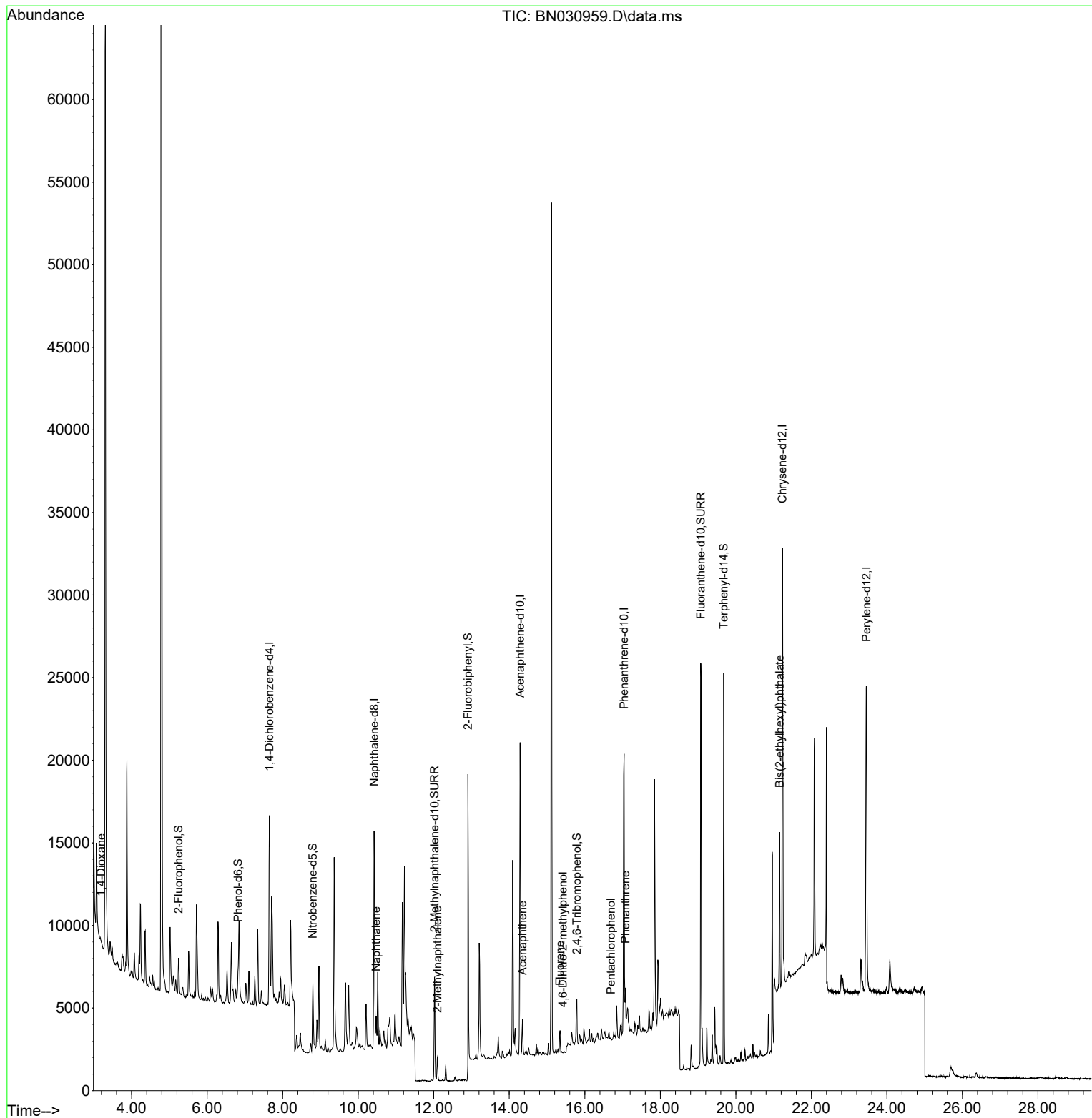
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	5565	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	17746	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	10721	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	25677	0.400	ng	0.00
29) Chrysene-d12	21.231	240	24426	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	24870	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	1955	0.158	ng	0.00
5) Phenol-d6	6.823	99	1677	0.112	ng	0.00
8) Nitrobenzene-d5	8.798	82	3490	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	8586	0.314	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1590	0.382	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	10056	0.279	ng	0.00
27) Fluoranthene-d10	19.070	212	26560	0.384	ng	0.00
31) Terphenyl-d14	19.679	244	22251	0.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	282	0.041	ng	# 24
9) Naphthalene	10.475	128	2040	0.042	ng	# 89
12) 2-Methylnaphthalene	12.096	142	1009	0.031	ng	# 92
17) Acenaphthene	14.348	154	1008	0.030	ng	99
18) Fluorene	15.343	166	909	0.021	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.417	198	13	0.105	ng	# 1
24) Pentachlorophenol	16.693	266	42	0.133	ng	# 60
25) Phenanthrene	17.078	178	2435	0.032	ng	98
34) Bis(2-ethylhexyl)phtha...	21.160	149	9318	0.239	ng	97

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

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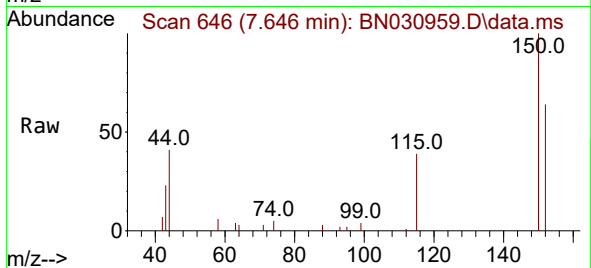
Quant Time: Apr 16 06:34:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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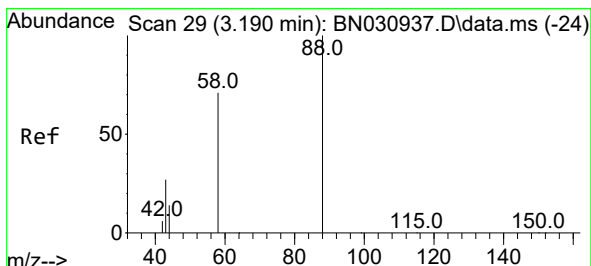
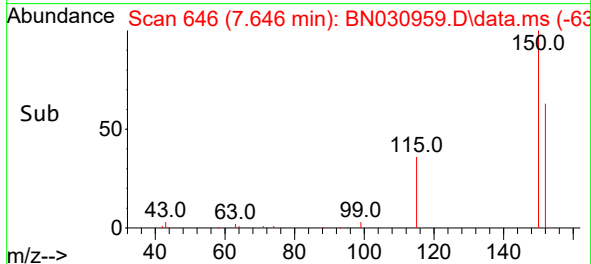
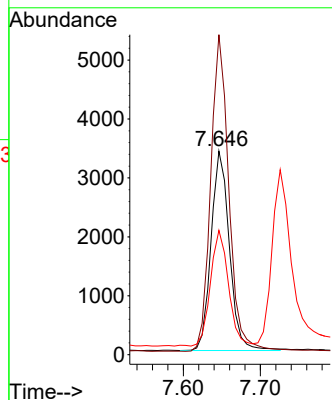


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN030959.D
 Acq: 16 Apr 2024 05:25

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01A-17-041024

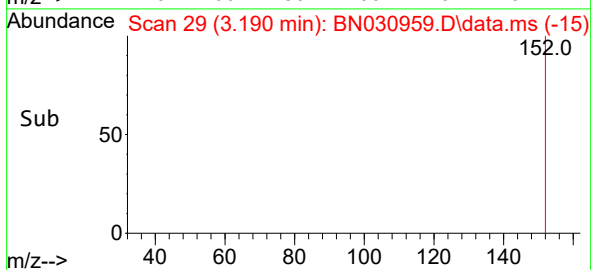
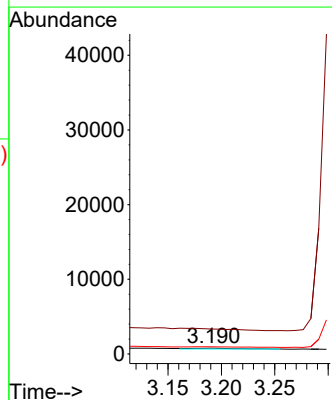
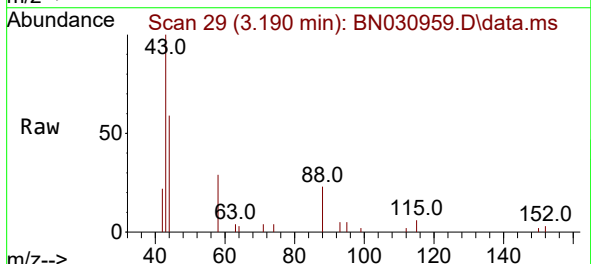


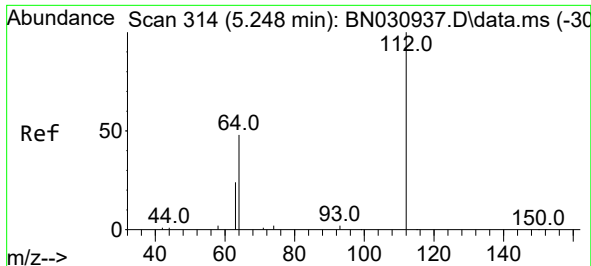
Tgt Ion:152 Resp: 5565
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.7 182.5
 115 61.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.190 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN030959.D
 Acq: 16 Apr 2024 05:25

Tgt Ion: 88 Resp: 282
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.7 35.5#
 58 0.0 55.7 83.5#

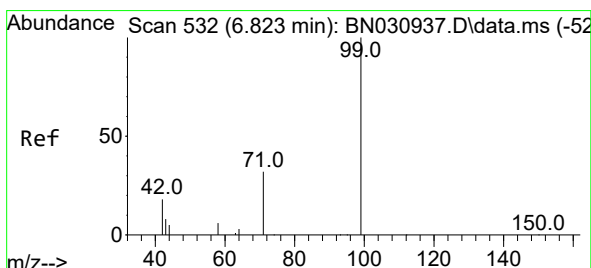
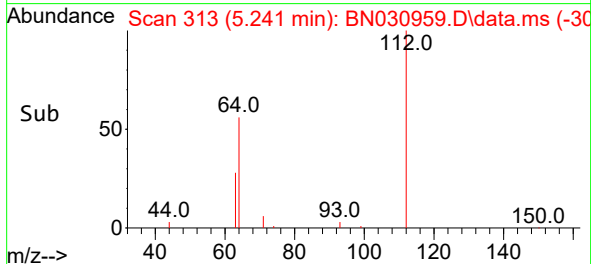
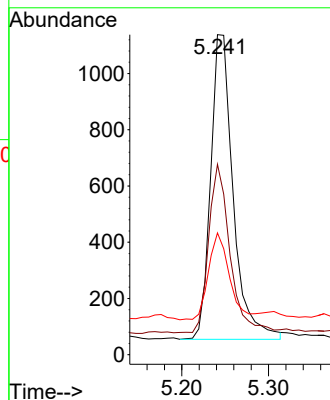
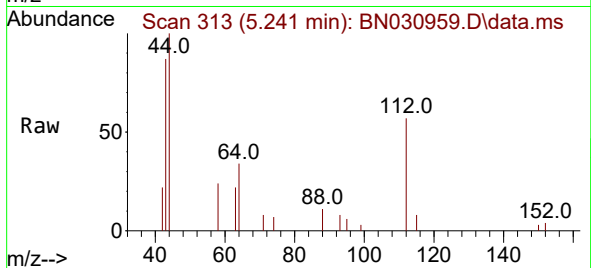




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.241 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

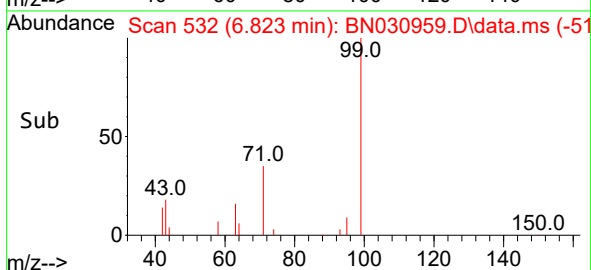
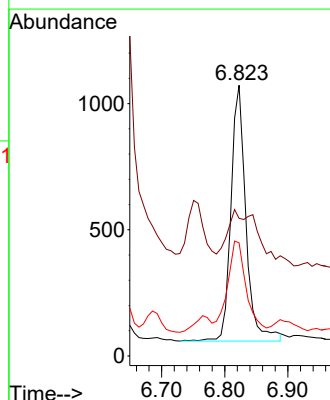
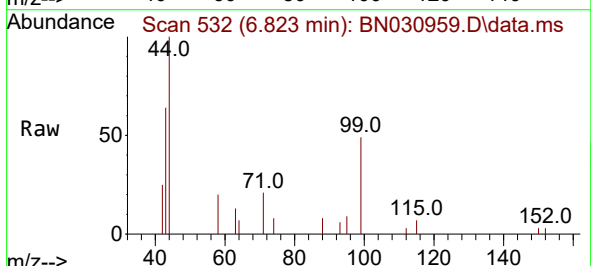
Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

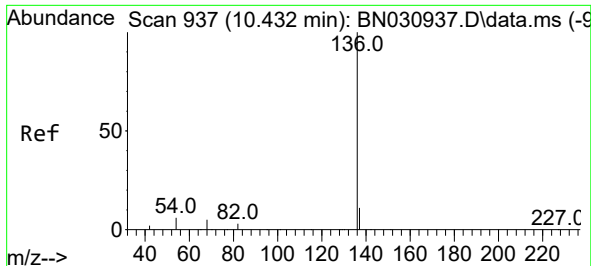
Tgt Ion:112 Resp: 1955
Ion Ratio Lower Upper
112 100
64 51.9 43.4 65.2
63 26.6 22.2 33.2



#5
Phenol-d6
Concen: 0.112 ng
RT: 6.823 min Scan# 532
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion: 99 Resp: 1677
Ion Ratio Lower Upper
99 100
42 35.0 16.4 24.6#
71 41.6 26.3 39.5#

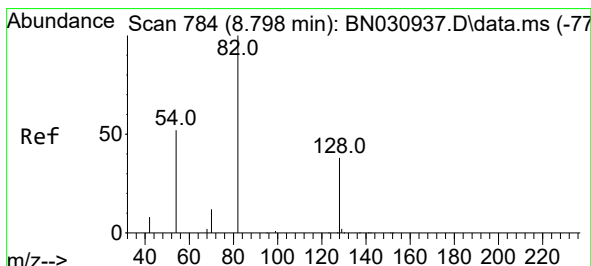
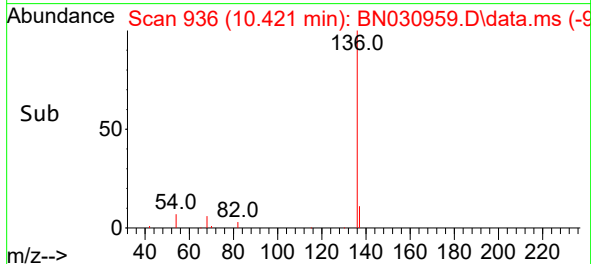
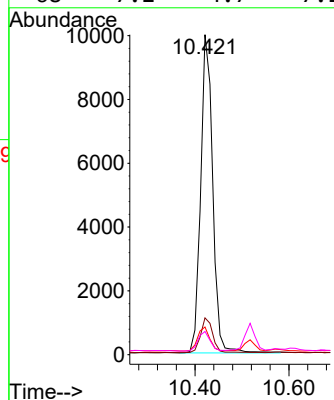
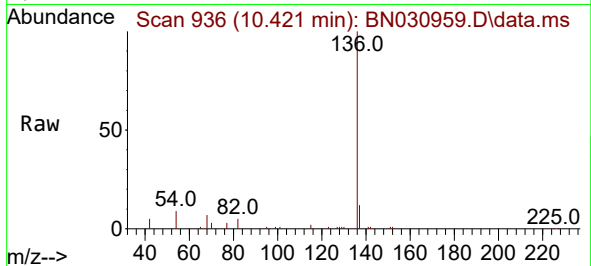




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

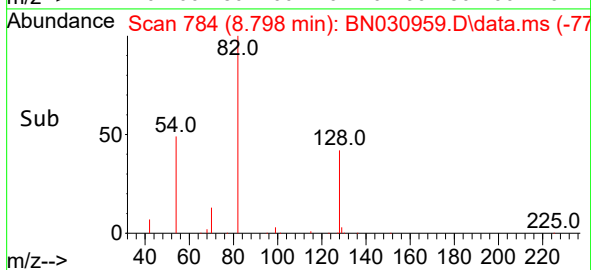
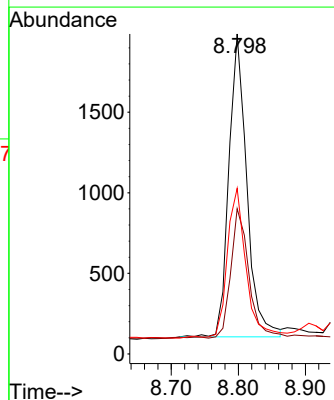
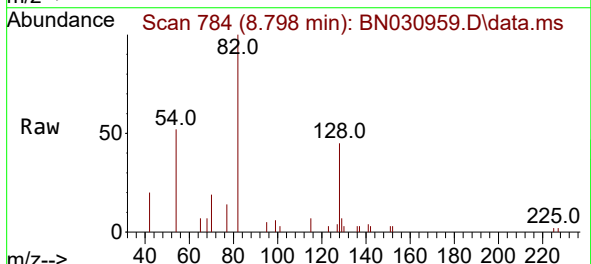
Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

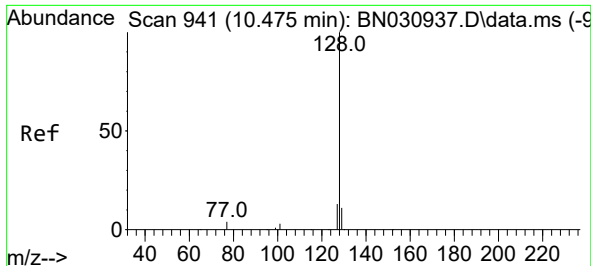
Tgt Ion:	136	Resp:	17746
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.6	5.3	7.9#
68	7.2	4.7	7.1#



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:	82	Resp:	3490
Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.7	50.5
54	51.8	43.7	65.5

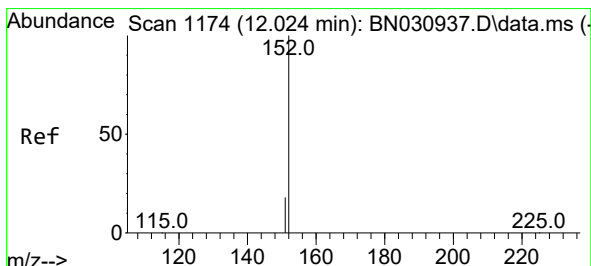
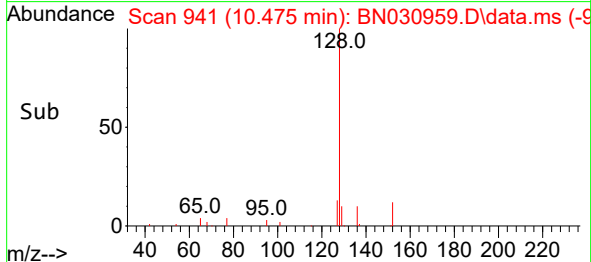
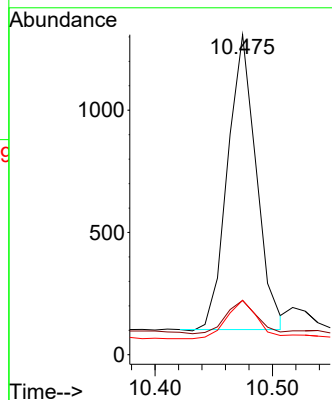
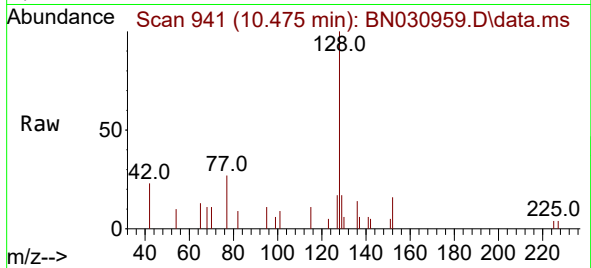




#9
Naphthalene
Concen: 0.042 ng
RT: 10.475 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

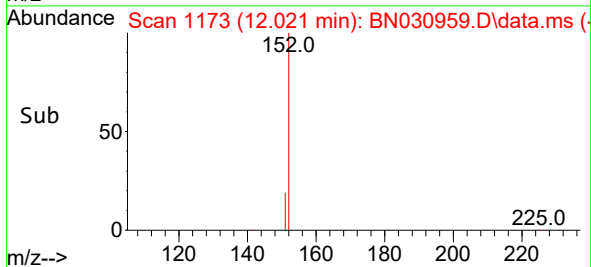
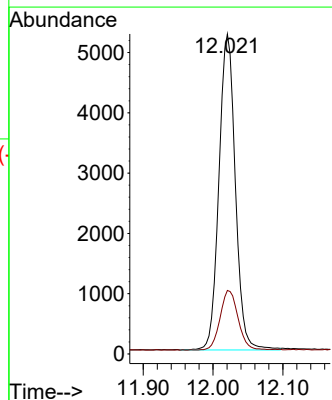
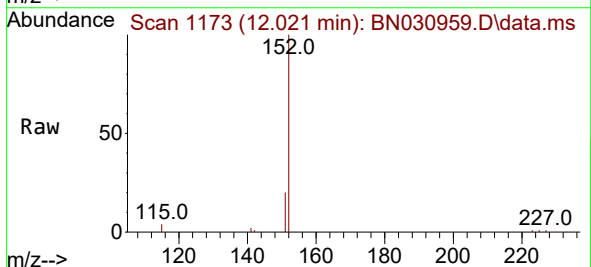
Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

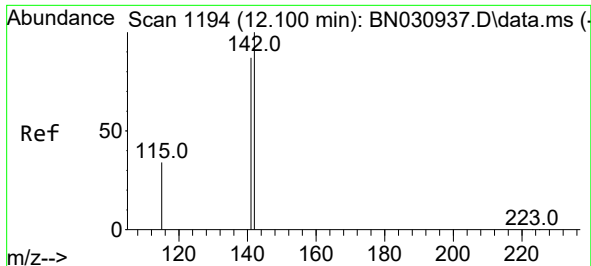
Tgt Ion:128 Resp: 2040
Ion Ratio Lower Upper
128 100
129 17.0 9.4 14.0#
127 17.0 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.021 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:152 Resp: 8586
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1

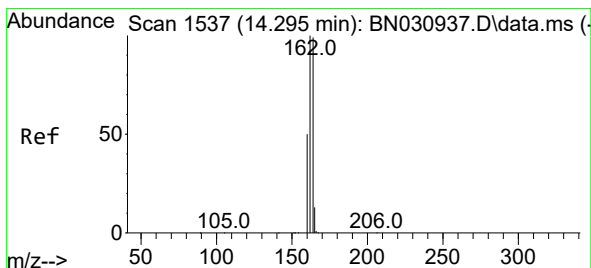
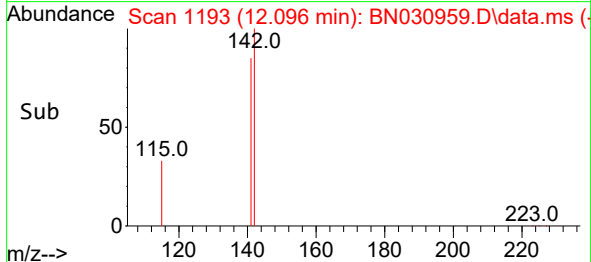
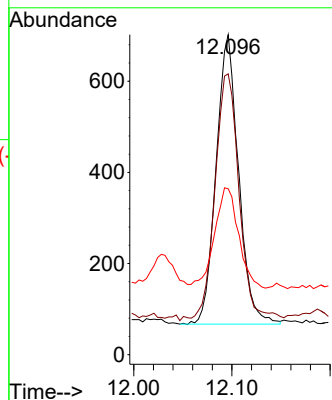
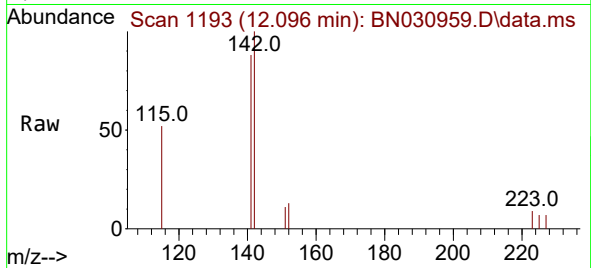




#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.096 min Scan# 1193
Delta R.T. -0.004 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

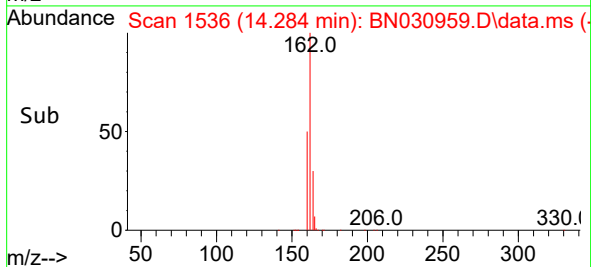
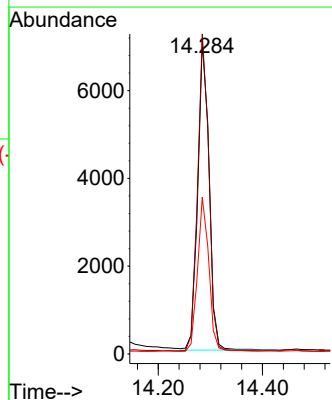
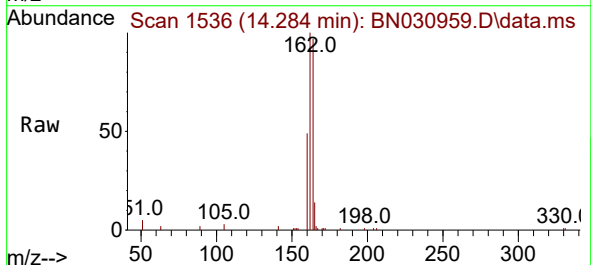
Instrument :
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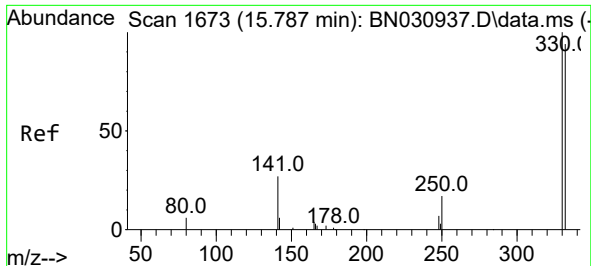
Tgt Ion:142 Resp: 1009
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8
115 51.9 28.3 42.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:164 Resp: 10721
Ion Ratio Lower Upper
164 100
162 102.6 80.6 121.0
160 50.3 40.7 61.1

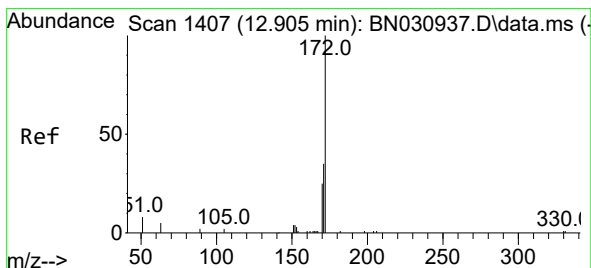
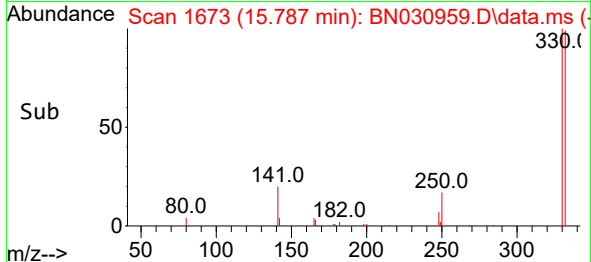
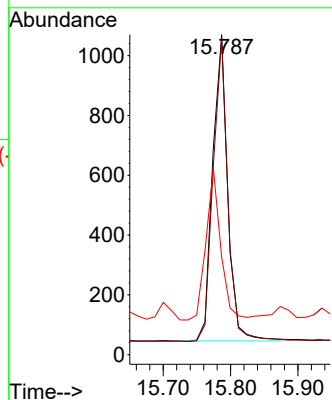
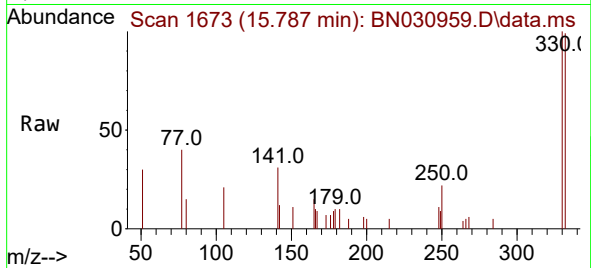




#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.787 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

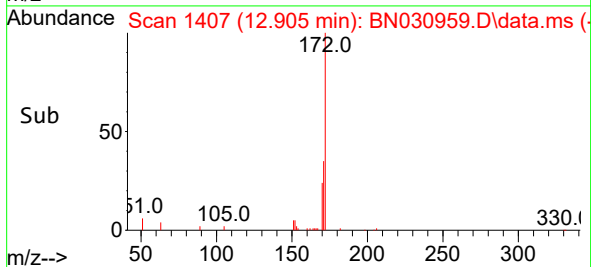
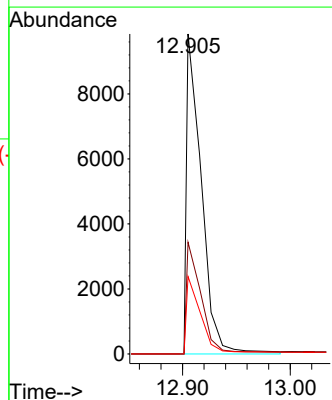
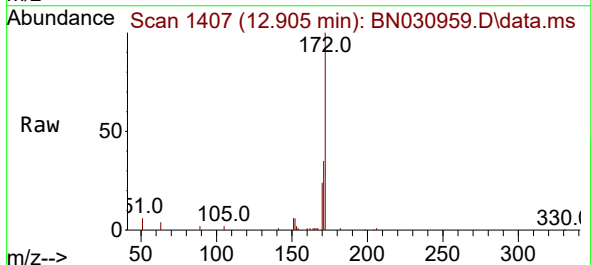
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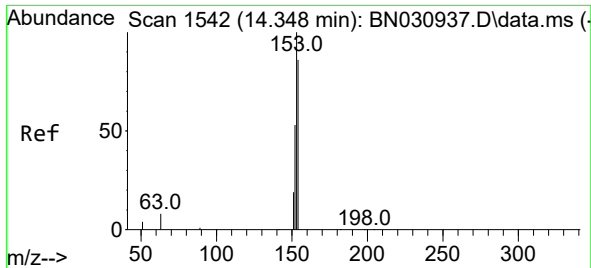
Tgt Ion: 330 Resp: 1590
Ion Ratio Lower Upper
330 100
332 97.0 74.2 111.2
141 48.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.905 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion: 172 Resp: 10056
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 24.2 19.8 29.8

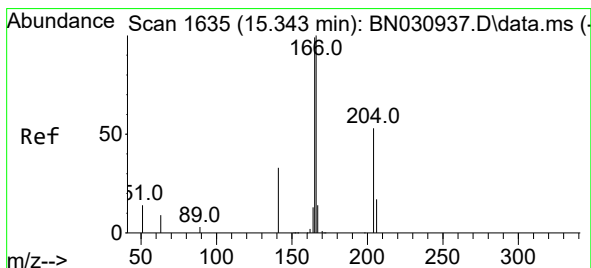
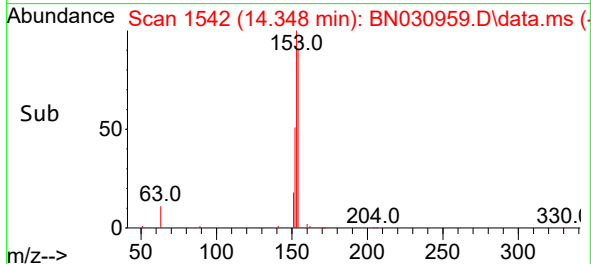
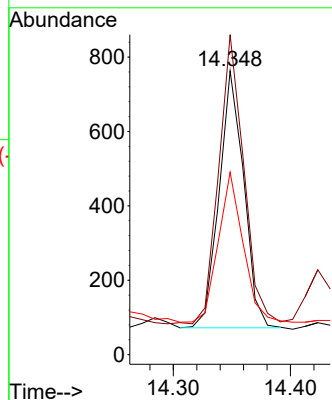
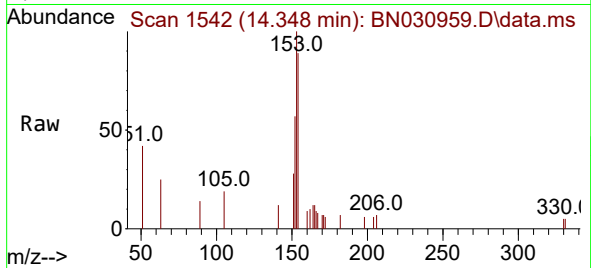




#17
Acenaphthene
Concen: 0.030 ng
RT: 14.348 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

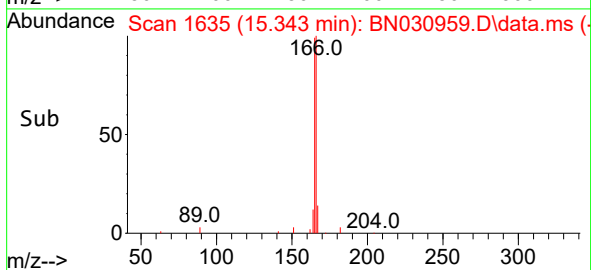
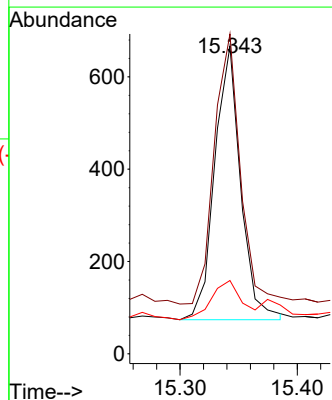
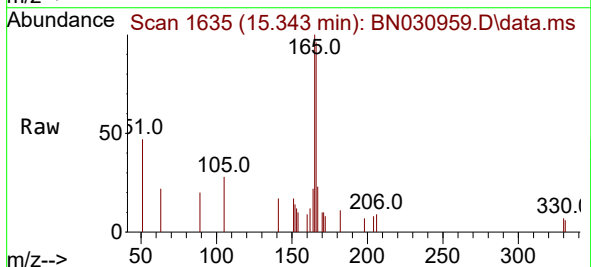
Instrument :
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ClientSampleId :
RSB-01A-17-041024

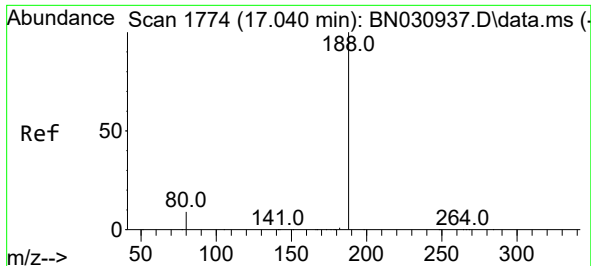
Tgt Ion:154 Resp: 1008
Ion Ratio Lower Upper
154 100
153 114.2 91.1 136.7
152 58.6 47.6 71.4



#18
Fluorene
Concen: 0.021 ng
RT: 15.343 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:166 Resp: 909
Ion Ratio Lower Upper
166 100
165 98.9 78.3 117.5
167 16.9 11.1 16.7#

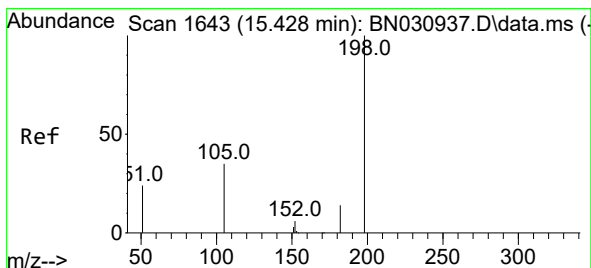
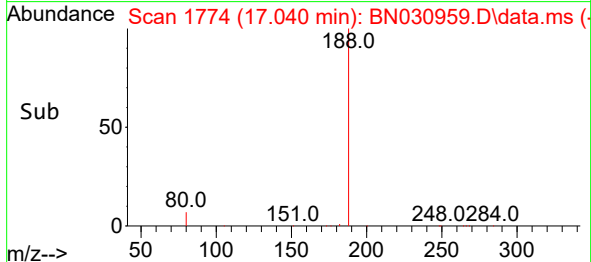
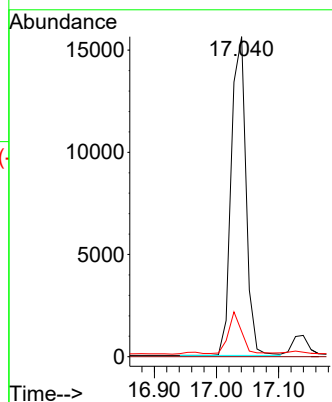
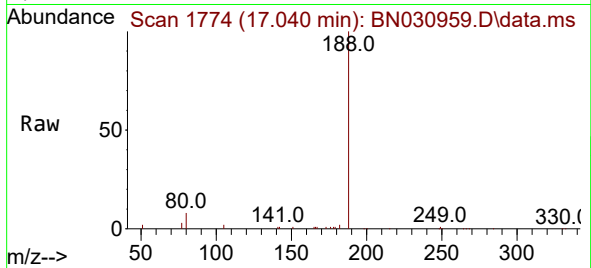




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

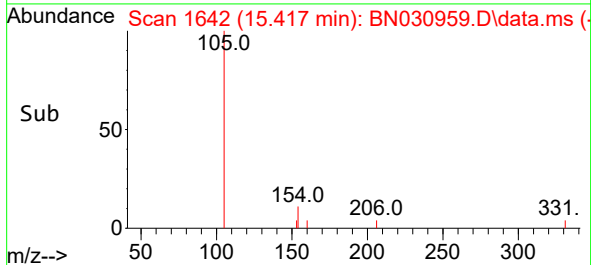
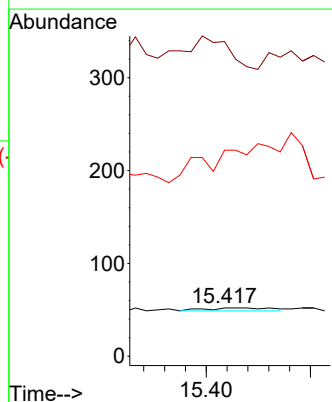
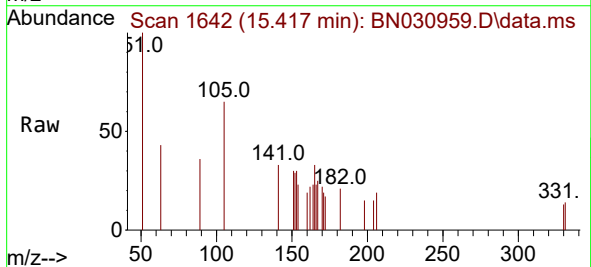
Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

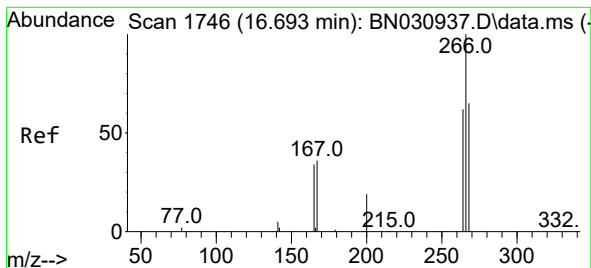
Tgt Ion:188 Resp: 25677
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.105 ng
RT: 15.417 min Scan# 1642
Delta R.T. -0.011 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 651.9 65.2 97.8#
105 426.9 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 16.693 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BN030959.D

Acq: 16 Apr 2024 05:25

Instrument :

BNA_N

ClientSampleId :

RSB-01A-17-041024

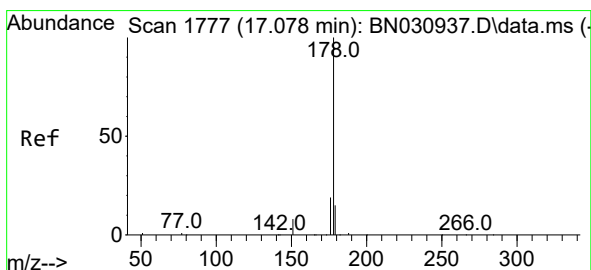
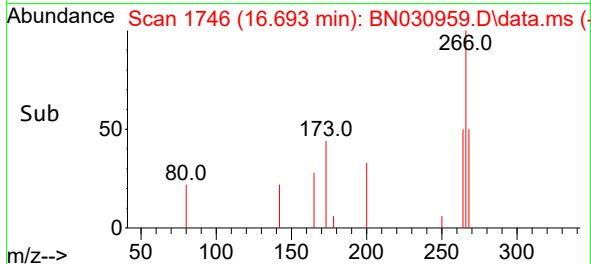
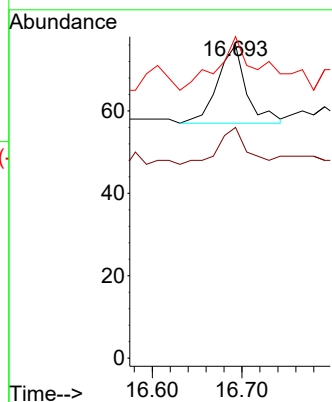
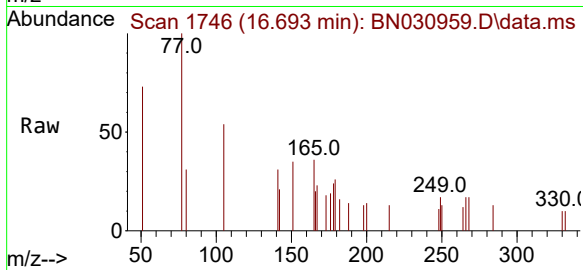
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 45.2 50.2 75.2#

268 109.5 52.3 78.5#



#25

Phenanthrene

Concen: 0.032 ng

RT: 17.078 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN030959.D

Acq: 16 Apr 2024 05:25

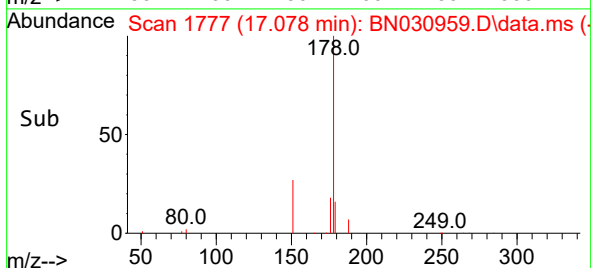
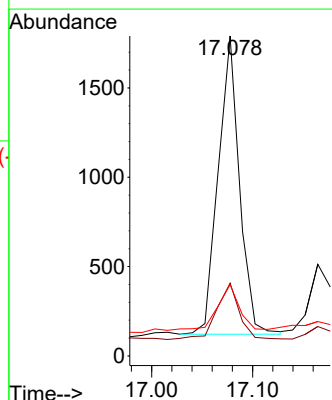
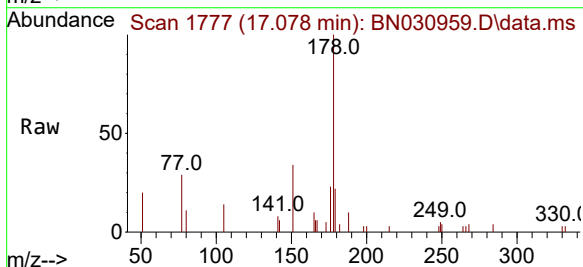
Tgt Ion:178 Resp: 2435

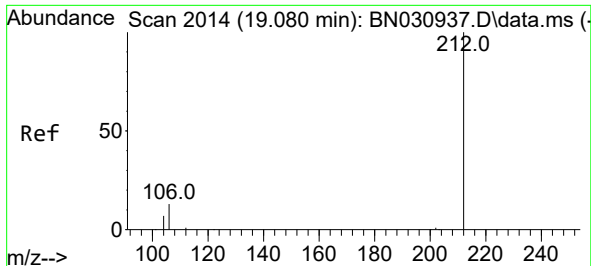
Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

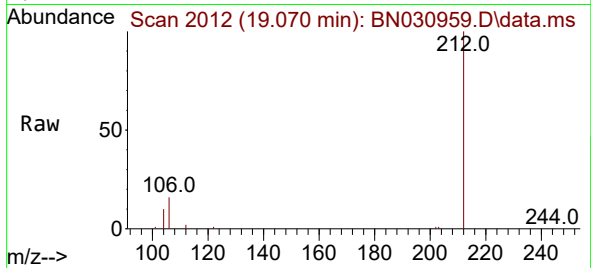
179 15.9 12.2 18.2



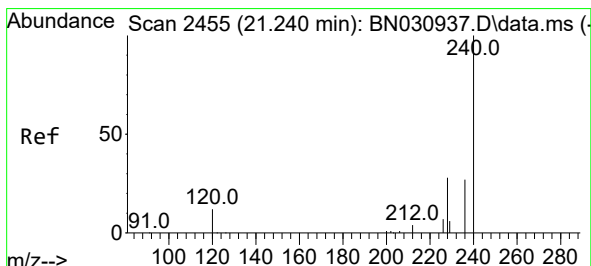
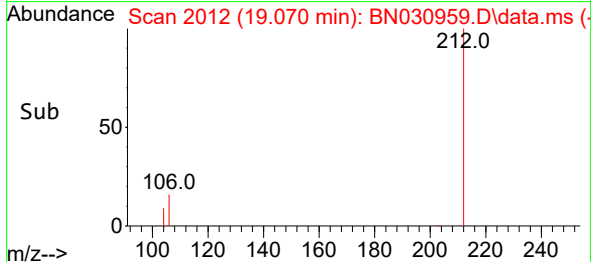
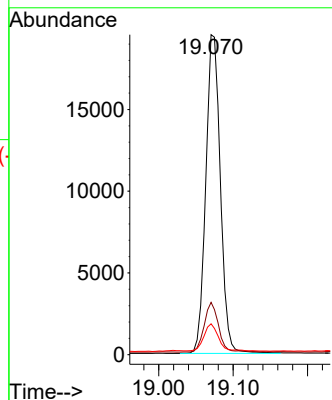


#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.070 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

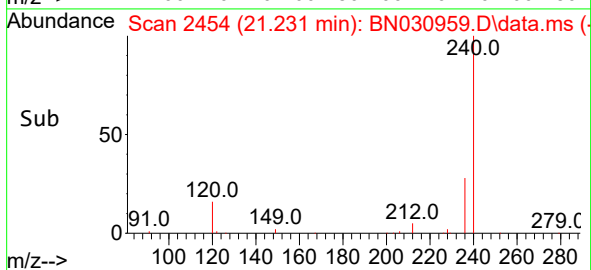
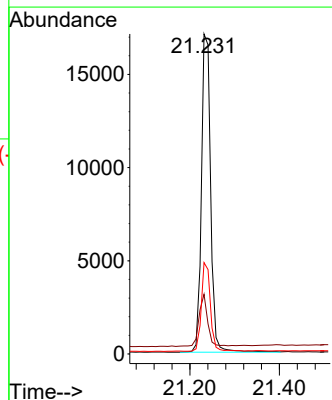
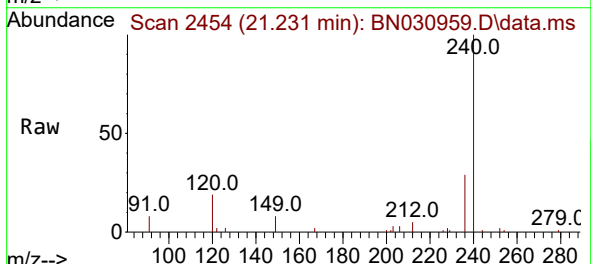


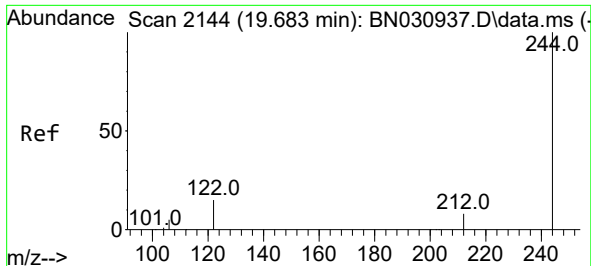
Tgt Ion:212 Resp: 26560
Ion Ratio Lower Upper
212 100
106 15.4 12.0 18.0
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

Tgt Ion:240 Resp: 24426
Ion Ratio Lower Upper
240 100
120 18.6 11.0 16.4#
236 28.5 22.3 33.5

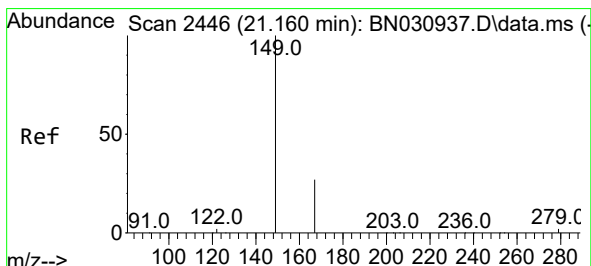
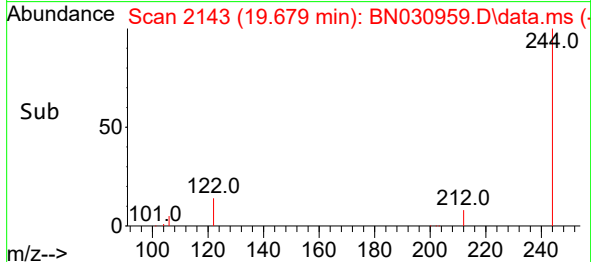
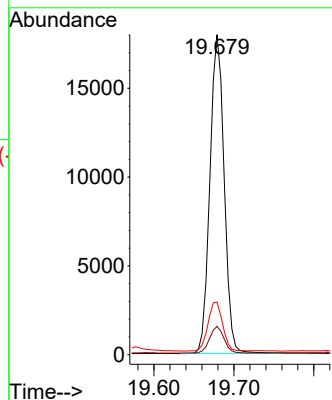
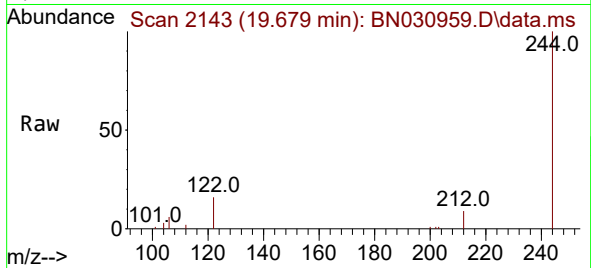




#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.679 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

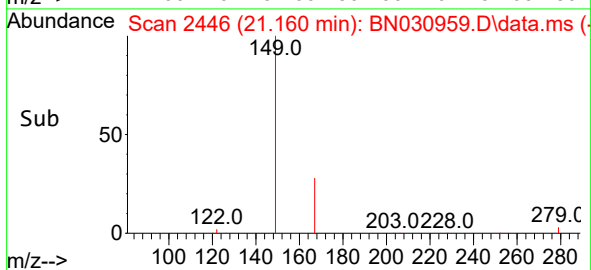
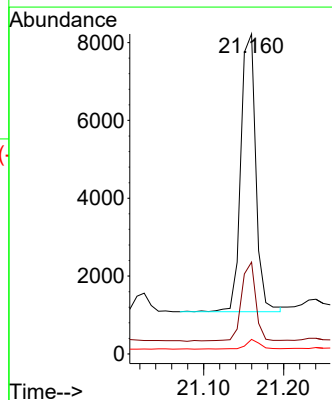
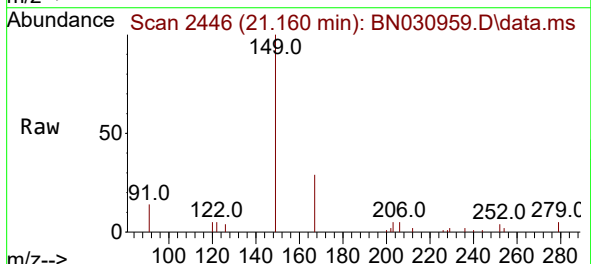
Instrument :
BNA_N
ClientSampleId :
RSB-01A-17-041024

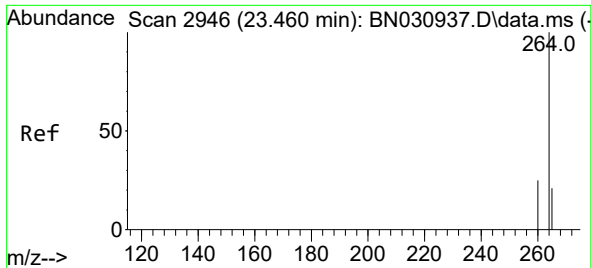
Tgt Ion:244 Resp: 22251
Ion Ratio Lower Upper
244 100
212 8.8 7.2 10.8
122 16.5 12.7 19.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.160 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN030959.D
Acq: 16 Apr 2024 05:25

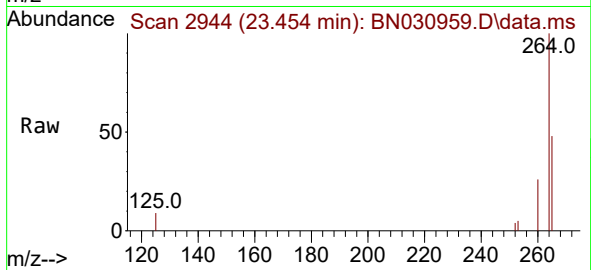
Tgt Ion:149 Resp: 9318
Ion Ratio Lower Upper
149 100
167 27.6 21.0 31.4
279 3.3 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2944
 Delta R.T. -0.006 min
 Lab File: BN030959.D
 Acq: 16 Apr 2024 05:25

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01A-17-041024



Tgt Ion:264 Resp: 24870
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 31.0
 265 48.0 53.3 79.9#

