

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030954.D
 Acq On : 16 Apr 2024 02:24
 Operator : MA/JU
 Sample : P2031-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824

Quant Time: Apr 16 02:50:49 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)

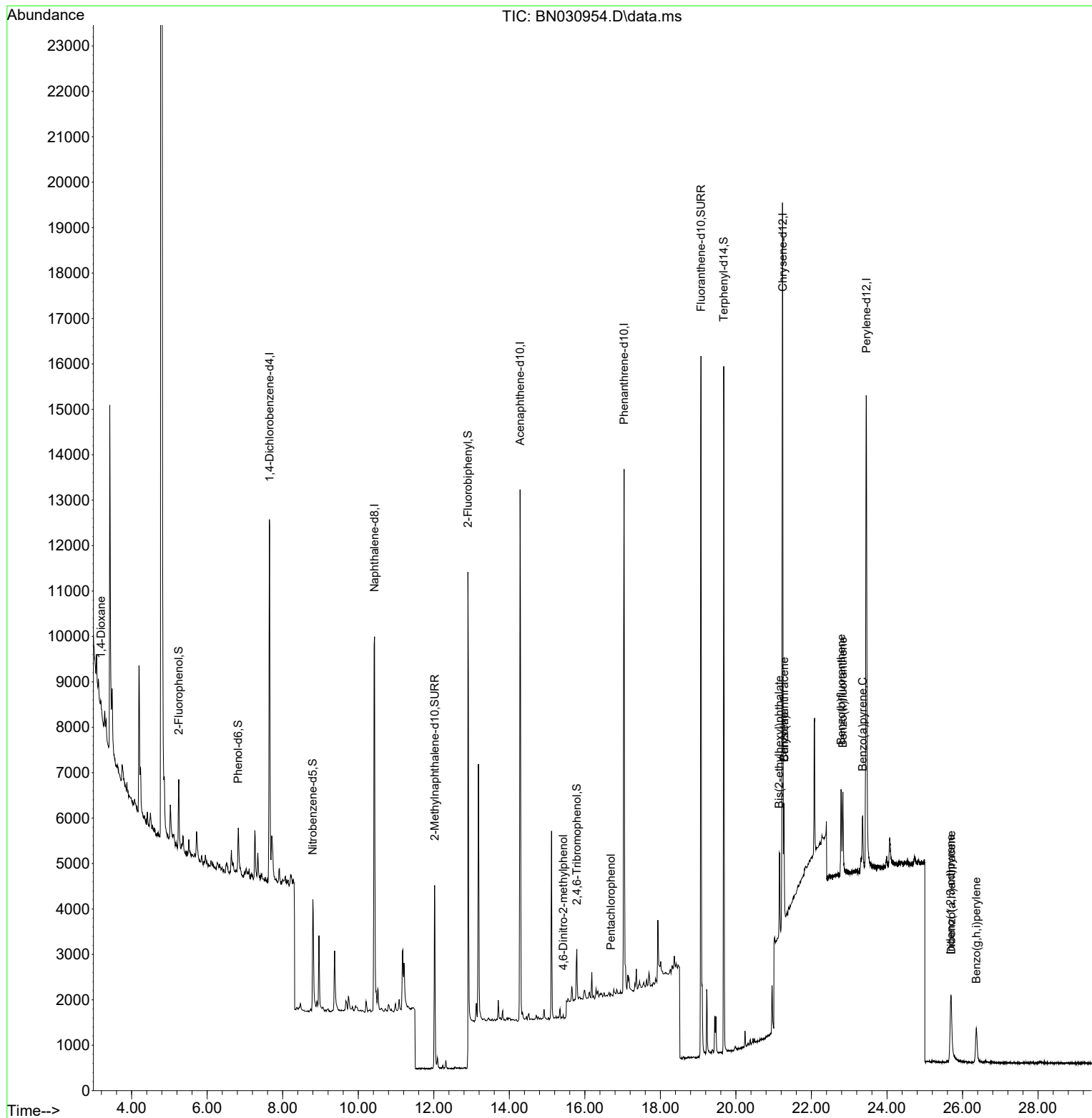
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	4293	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	12512	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	6745	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	16081	0.400	ng	0.00
29) Chrysene-d12	21.240	240	15231	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	15121	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1399	0.146	ng	0.00
5) Phenol-d6	6.823	99	1123	0.097	ng	0.00
8) Nitrobenzene-d5	8.798	82	2445	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.024	152	5790	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.786	330	658	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7078	0.312	ng	0.00
27) Fluoranthene-d10	19.075	212	17143	0.396	ng	0.00
31) Terphenyl-d14	19.679	244	14188	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	301	0.057	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.428	198	4	0.103	ng	# 1
24) Pentachlorophenol	16.693	266	49	0.138	ng	# 77
32) Benzo(a)anthracene	21.276	228	1911	0.036	ng	94
33) Chrysene	21.276	228	2203	0.038	ng	96
34) Bis(2-ethylhexyl)phtha...	21.151	149	2208	0.091	ng	97
36) Indeno(1,2,3-cd)pyrene	25.688	276	1855	0.026	ng	# 85
37) Benzo(b)fluoranthene	22.784	252	2221	0.036	ng	# 35
38) Benzo(k)fluoranthene	22.831	252	2391	0.039	ng	# 35
39) Benzo(a)pyrene	23.357	252	1651	0.032	ng	# 13
40) Dibenzo(a,h)anthracene	25.702	278	1555	0.028	ng	# 50
41) Benzo(g,h,i)perylene	26.366	276	1576	0.025	ng	# 73

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

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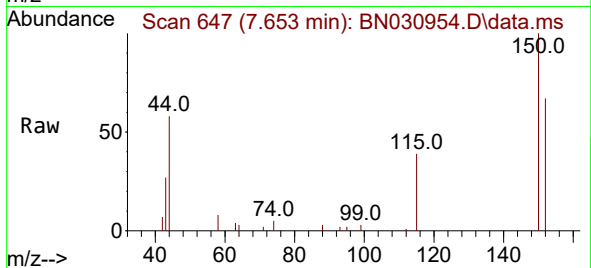
Quant Time: Apr 16 02:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
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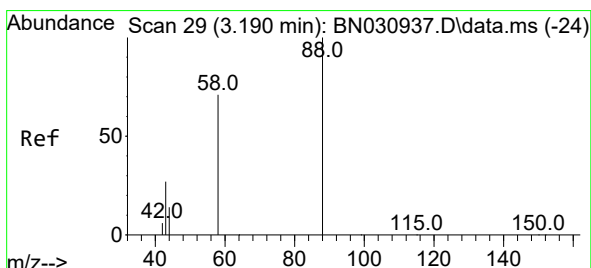
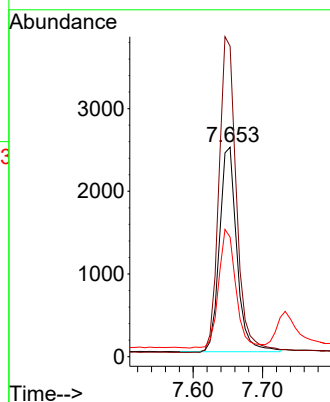
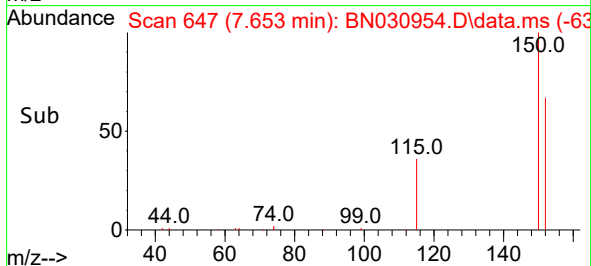


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.653 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN030954.D
 Acq: 16 Apr 2024 02:24

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824

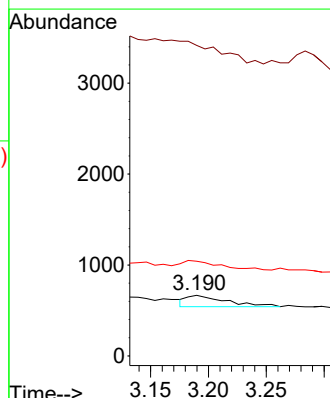
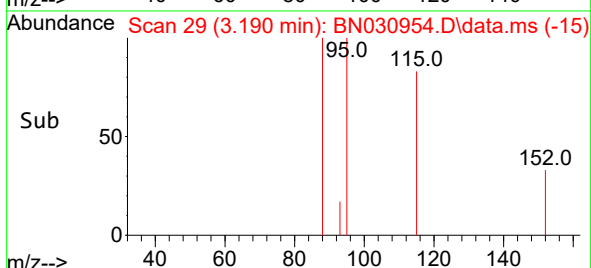
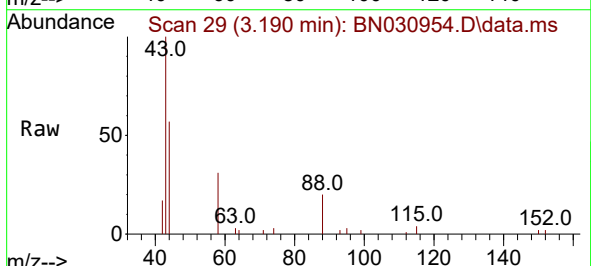


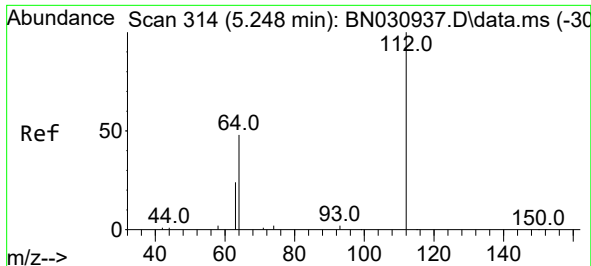
Tgt Ion:152 Resp: 4293
 Ion Ratio Lower Upper
 152 100
 150 148.2 121.7 182.5
 115 57.0 47.8 71.8



#2
 1,4-Dioxane
 Concen: 0.057 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN030954.D
 Acq: 16 Apr 2024 02:24

Tgt Ion: 88 Resp: 301
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.7 35.5#
 58 79.4 55.7 83.5

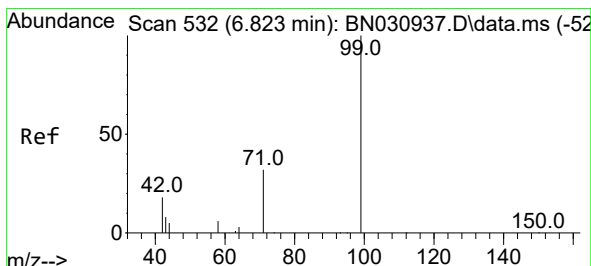
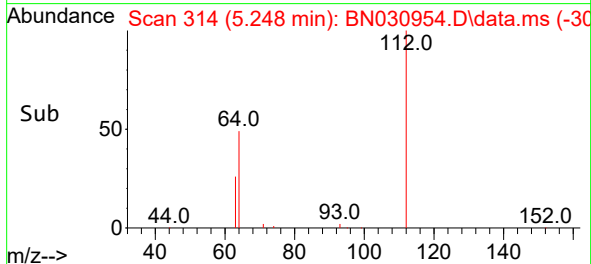
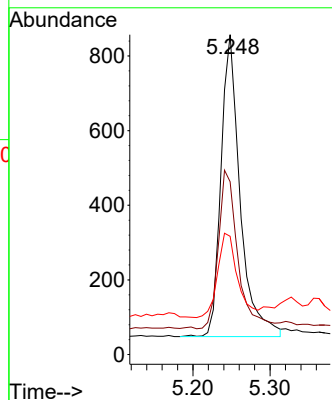
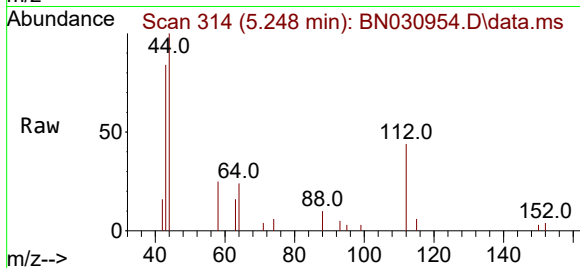




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

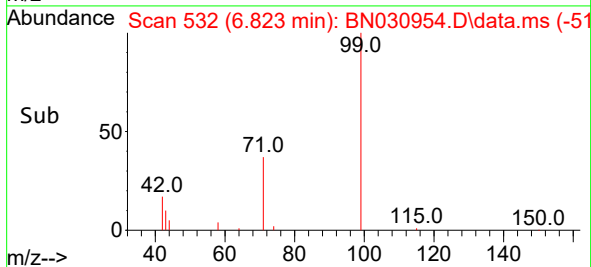
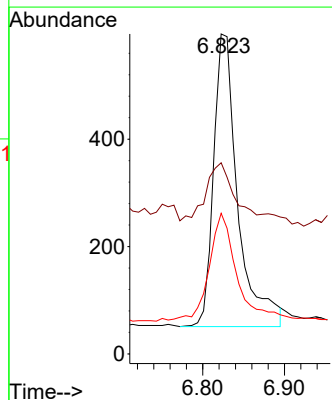
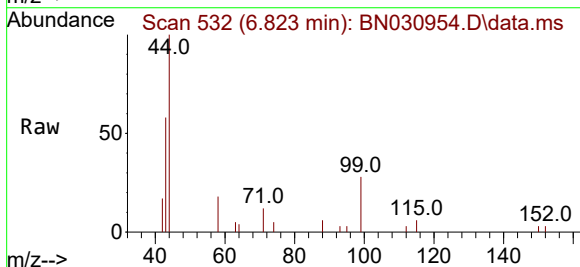
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

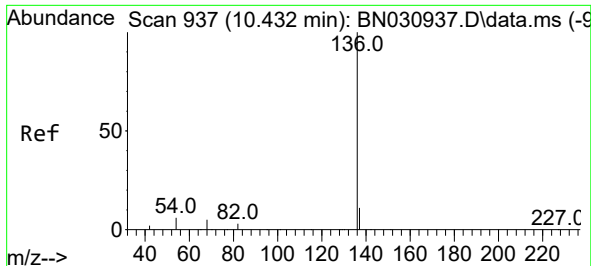
Tgt Ion:112 Resp: 1399
Ion Ratio Lower Upper
112 100
64 52.8 43.4 65.2
63 29.0 22.2 33.2



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion: 99 Resp: 1123
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 42.2 26.3 39.5#

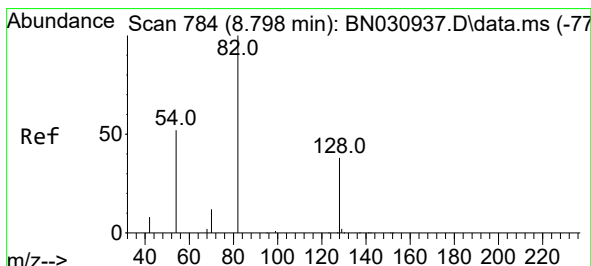
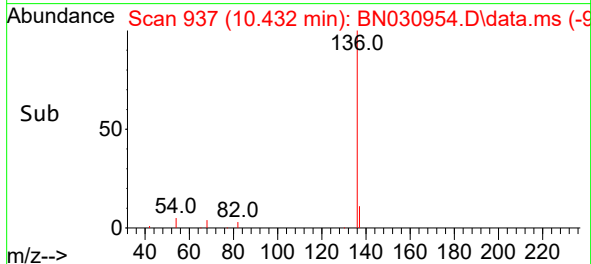
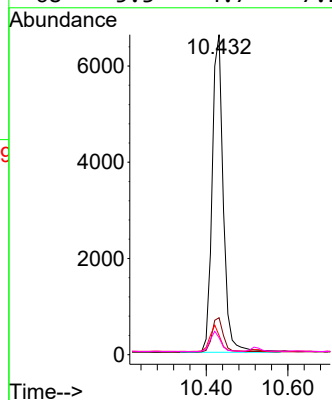
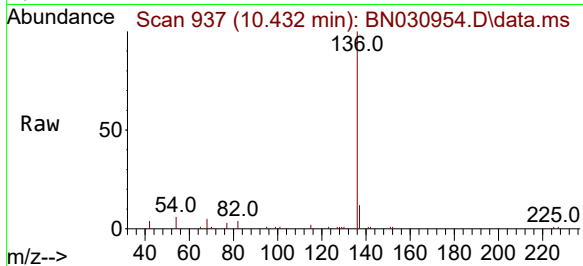




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

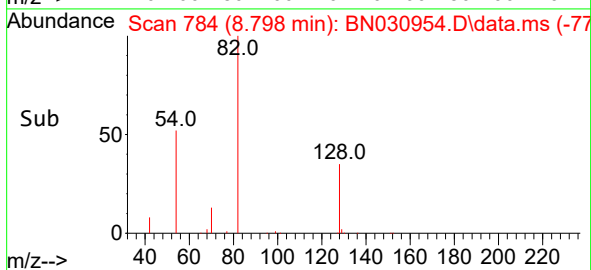
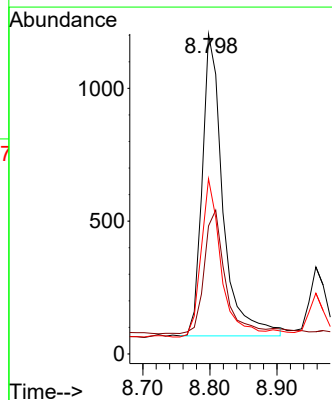
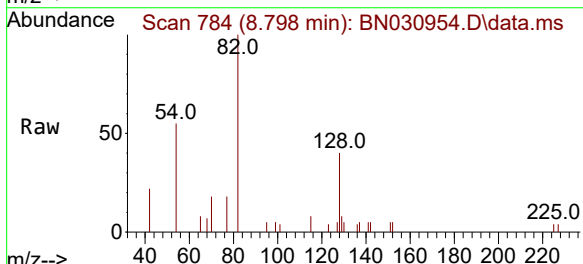
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

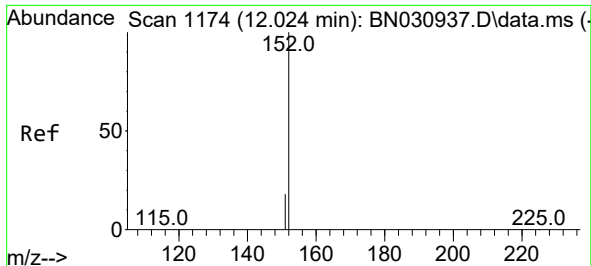
Tgt Ion:	136	Resp:	12512
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	6.0	5.3	7.9
68	5.3	4.7	7.1



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:	82	Resp:	2445
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.7	50.5
54	54.8	43.7	65.5

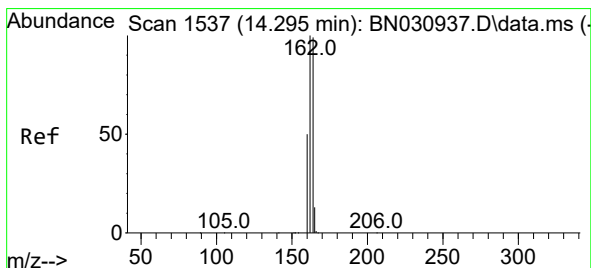
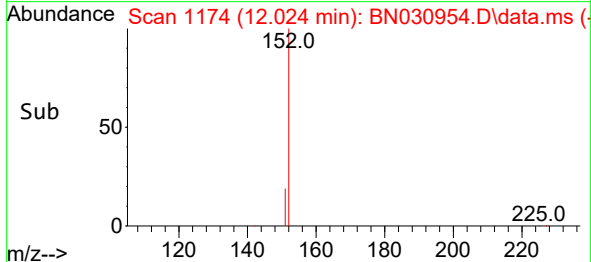
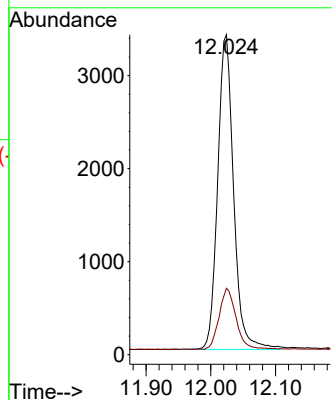
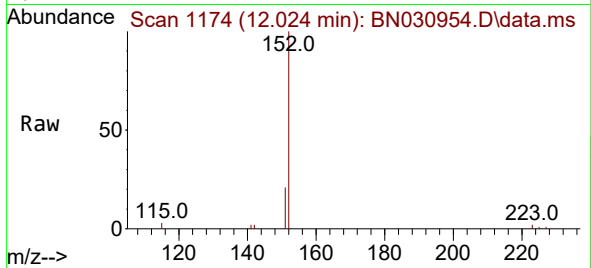




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.024 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

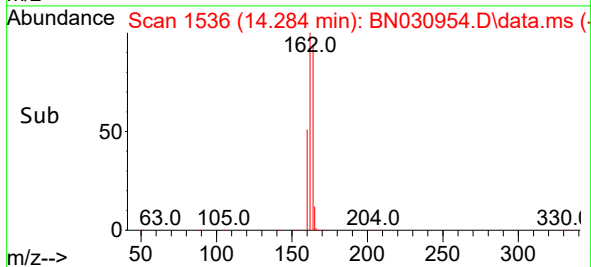
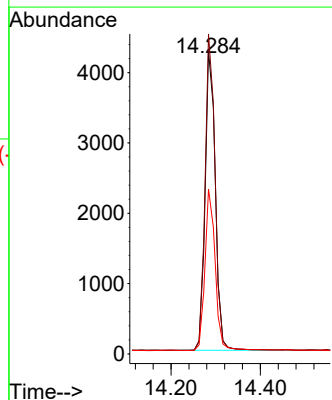
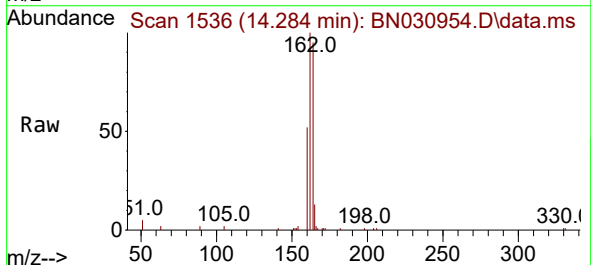
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

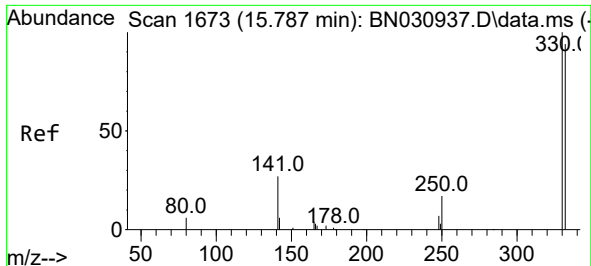
Tgt Ion:152 Resp: 5790
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

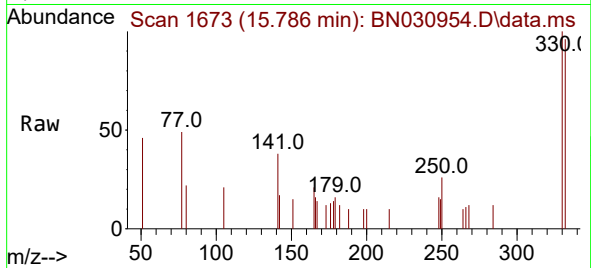
Tgt Ion:164 Resp: 6745
Ion Ratio Lower Upper
164 100
162 105.6 80.6 121.0
160 54.5 40.7 61.1



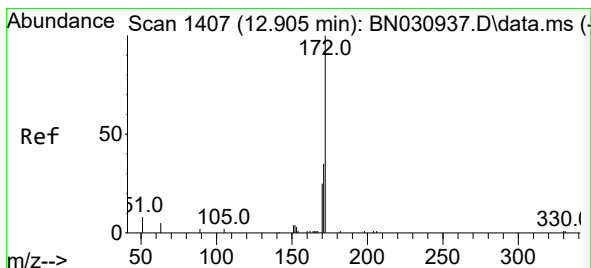
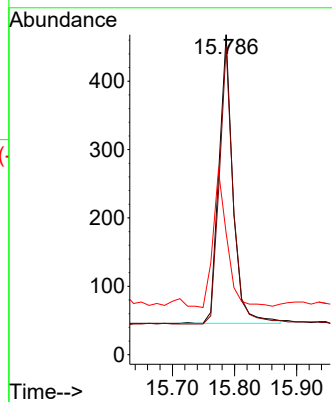
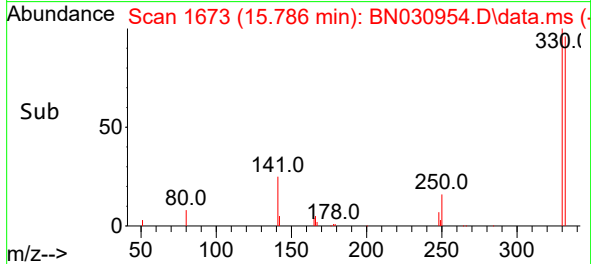


#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.786 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

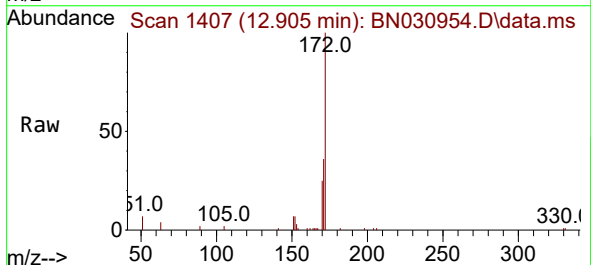
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RSB-01-37-040824



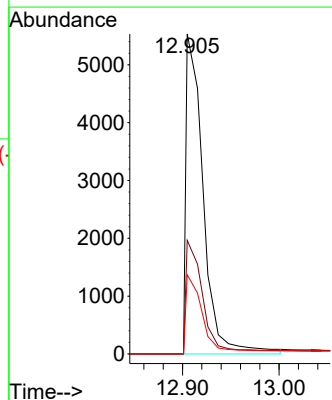
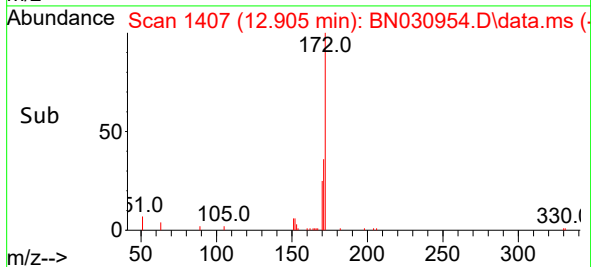
Tgt Ion:330 Resp: 658
Ion Ratio Lower Upper
330 100
332 95.4 74.2 111.2
141 46.4 37.2 55.8

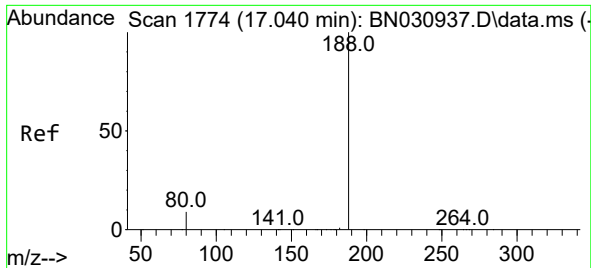


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24



Tgt Ion:172 Resp: 7078
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.7 19.8 29.8

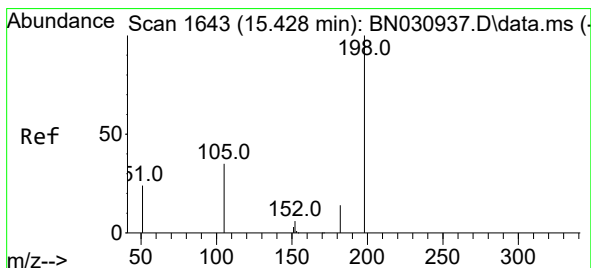
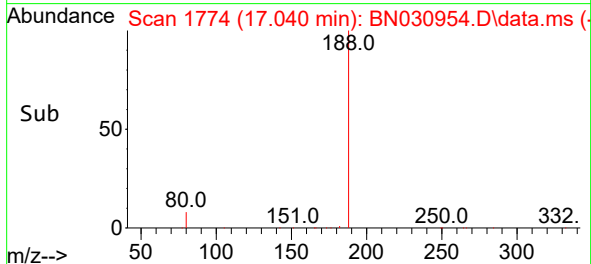
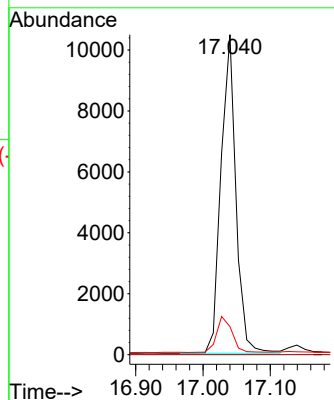
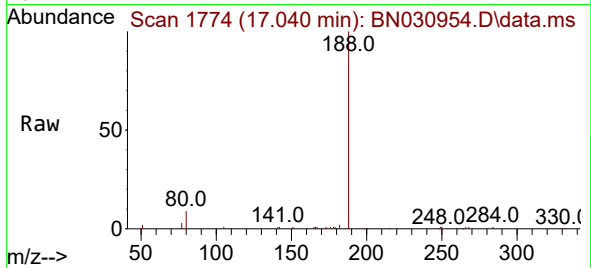




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

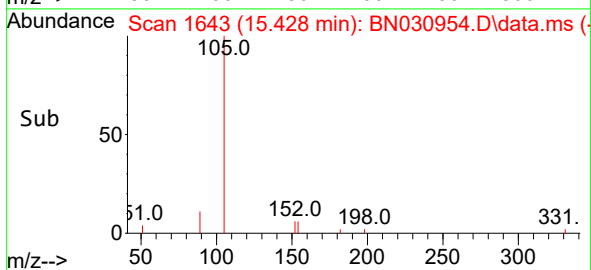
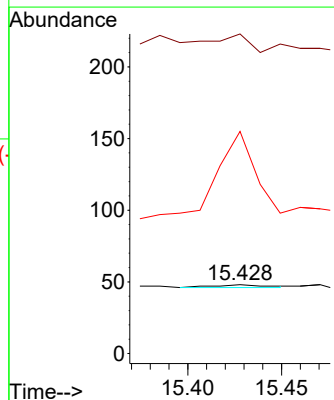
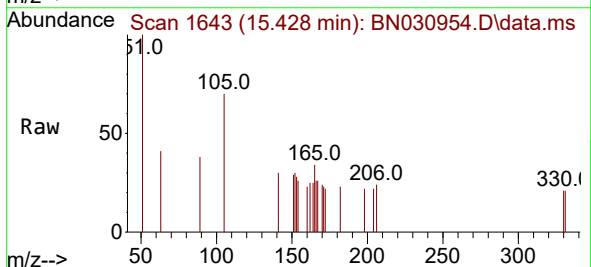
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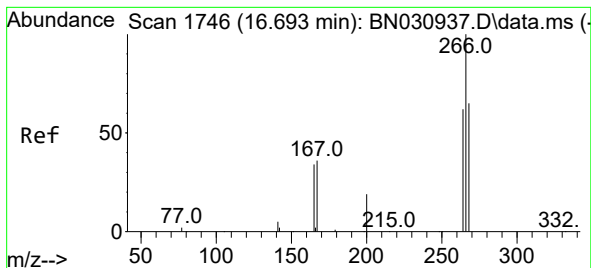
Tgt Ion:188 Resp: 16081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.103 ng
RT: 15.428 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 464.6 65.2 97.8#
105 322.9 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.138 ng

RT: 16.693 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824

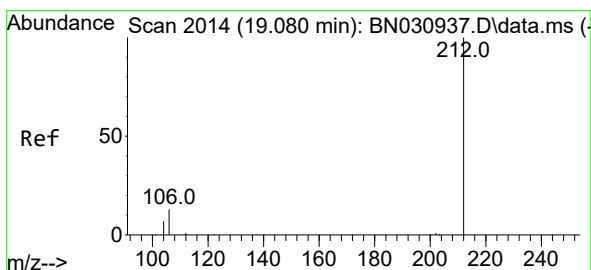
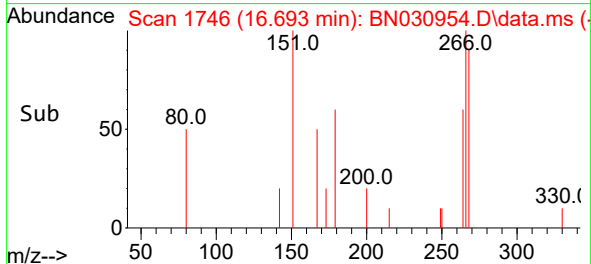
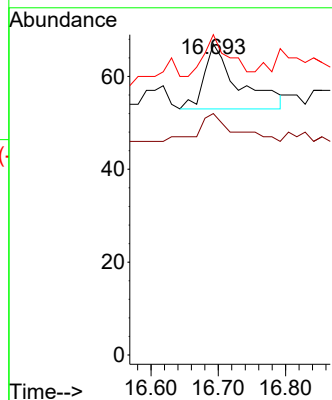
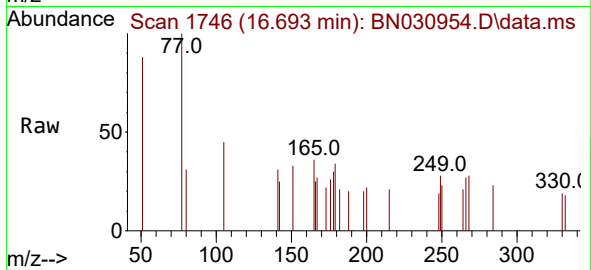
Tgt Ion:266 Resp: 49

Ion Ratio Lower Upper

266 100

264 44.9 50.2 75.2#

268 46.9 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.075 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

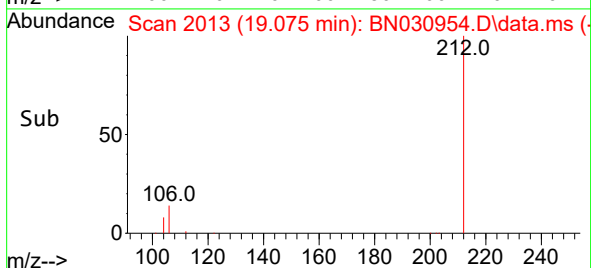
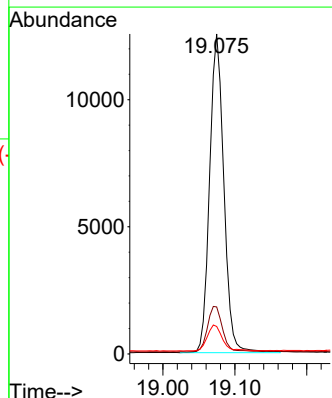
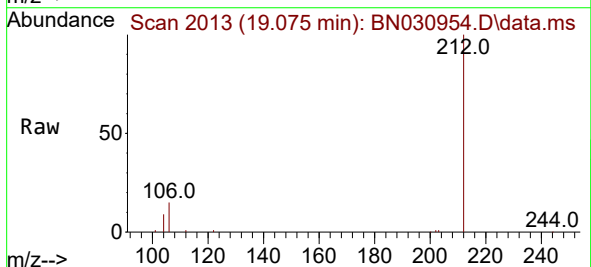
Tgt Ion:212 Resp: 17143

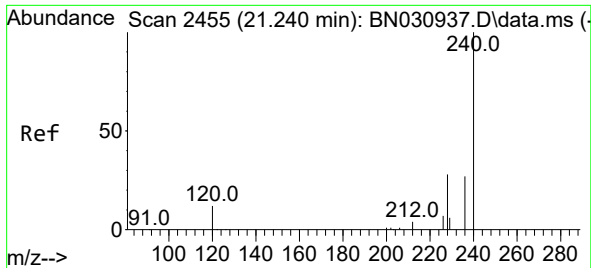
Ion Ratio Lower Upper

212 100

106 15.1 12.0 18.0

104 8.7 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: BN030954.D

Acq: 16 Apr 2024 02:24

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824

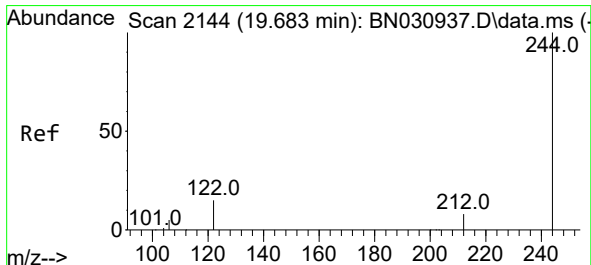
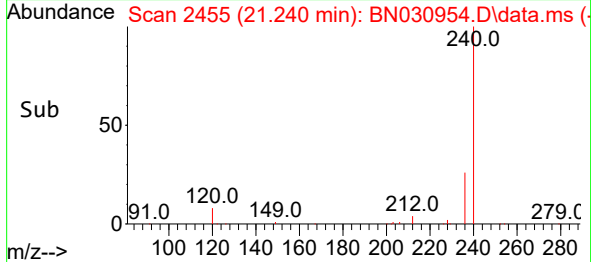
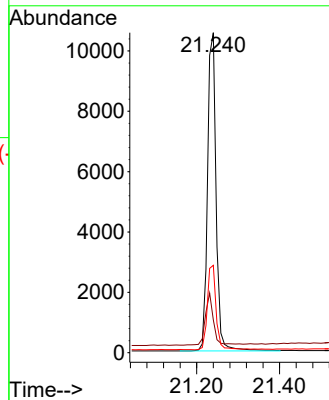
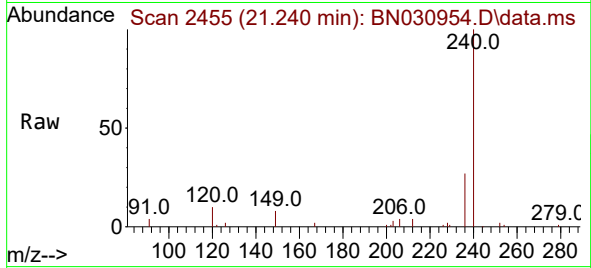
Tgt Ion:240 Resp: 15231

Ion Ratio Lower Upper

240 100

120 10.2 11.0 16.4#

236 27.3 22.3 33.5



#31

Terphenyl-d14

Concen: 0.401 ng

RT: 19.679 min Scan# 2143

Delta R.T. -0.005 min

Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

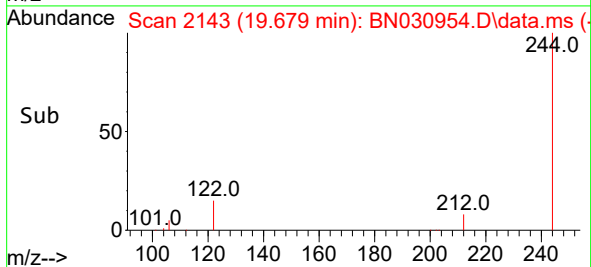
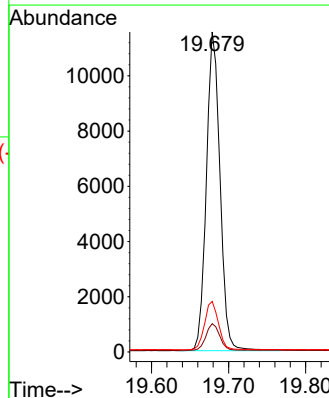
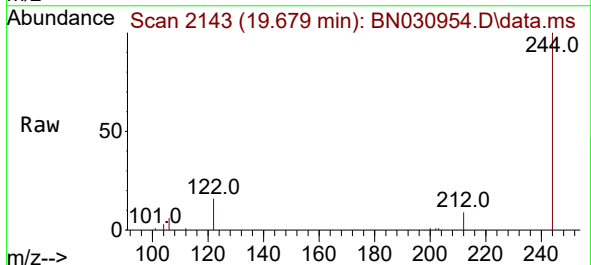
Tgt Ion:244 Resp: 14188

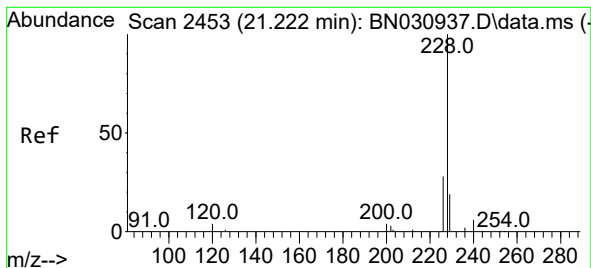
Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

122 15.8 12.7 19.1





#32

Benzo(a)anthracene

Concen: 0.036 ng

RT: 21.276 min Scan# 2459

Delta R.T. 0.053 min

Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824

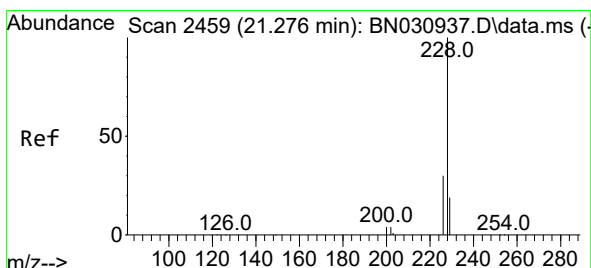
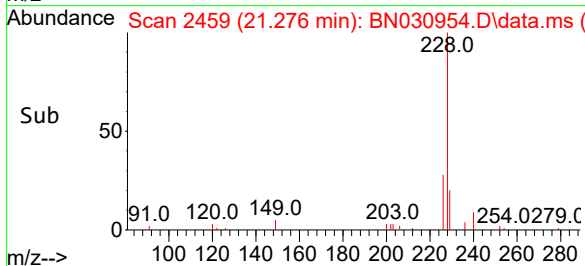
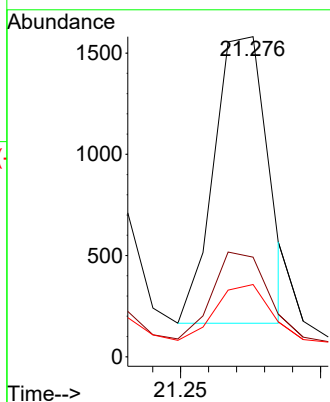
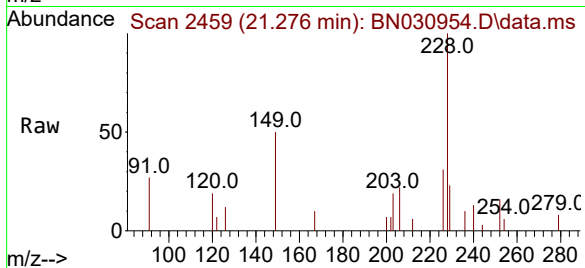
Tgt Ion:228 Resp: 1911

Ion Ratio Lower Upper

228 100

226 31.1 22.4 33.6

229 22.6 15.7 23.5



#33

Chrysene

Concen: 0.038 ng

RT: 21.276 min Scan# 2459

Delta R.T. -0.000 min

Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

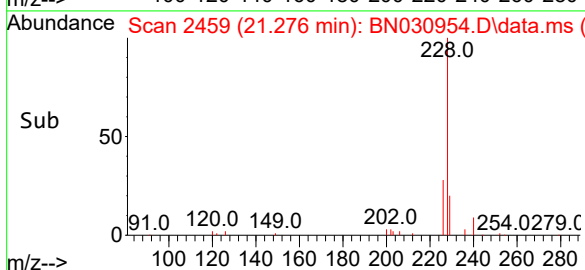
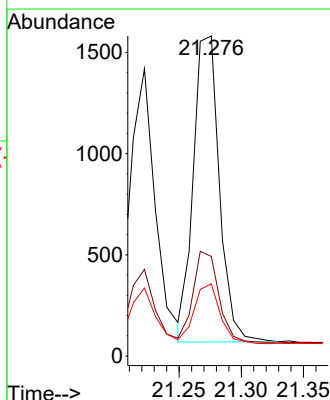
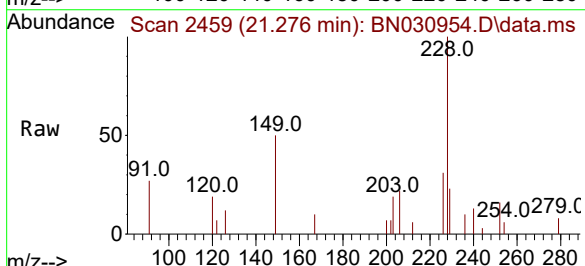
Tgt Ion:228 Resp: 2203

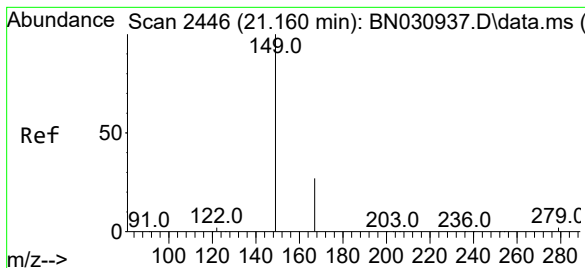
Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

229 22.6 15.8 23.6

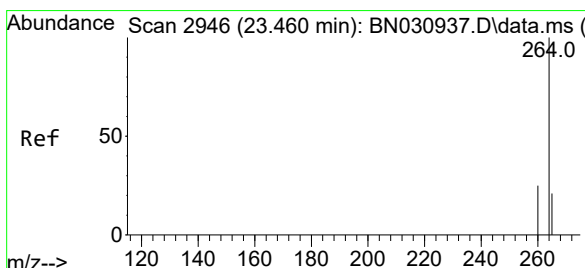
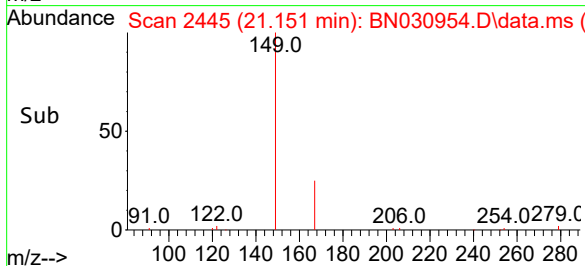
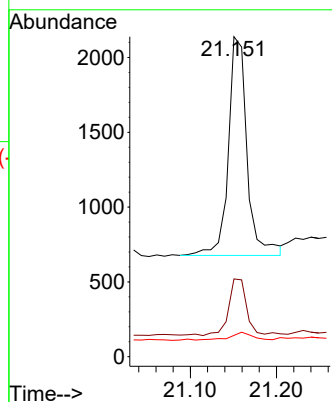
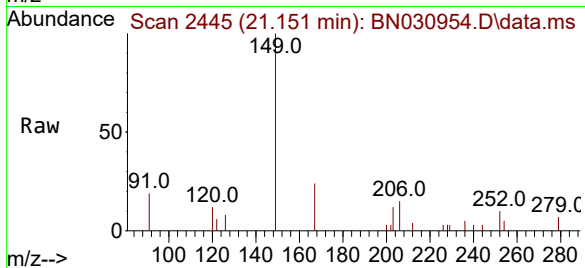




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.151 min Scan# 2445
 Delta R.T. -0.009 min
 Lab File: BN030954.D
 Acq: 16 Apr 2024 02:24

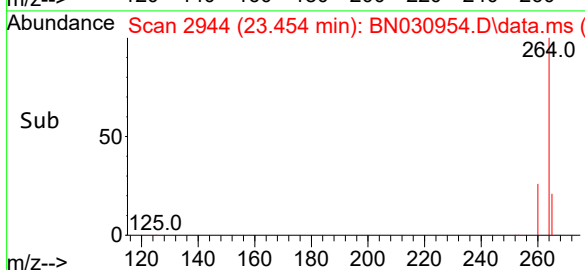
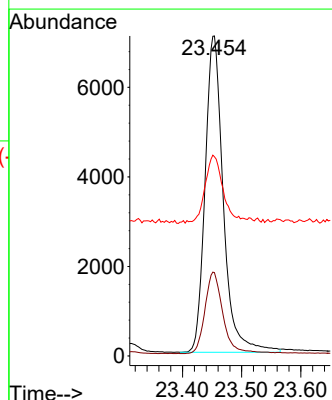
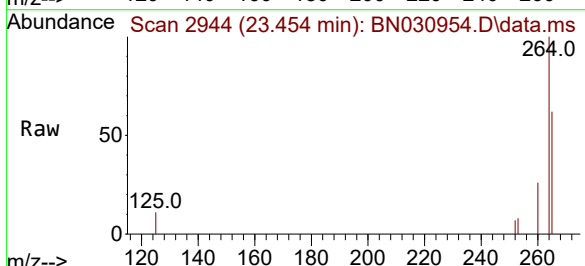
Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824

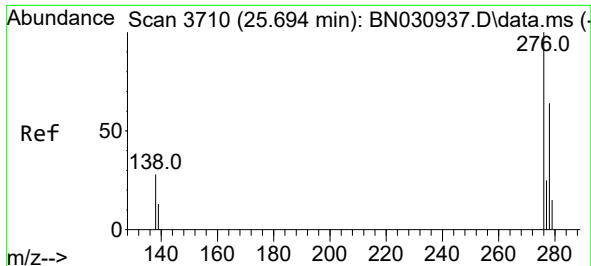
Tgt Ion:	149	Resp:	2208
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.0	31.4
279	4.3	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2944
 Delta R.T. -0.006 min
 Lab File: BN030954.D
 Acq: 16 Apr 2024 02:24

Tgt Ion:	264	Resp:	15121
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.6	31.0
265	62.3	53.3	79.9

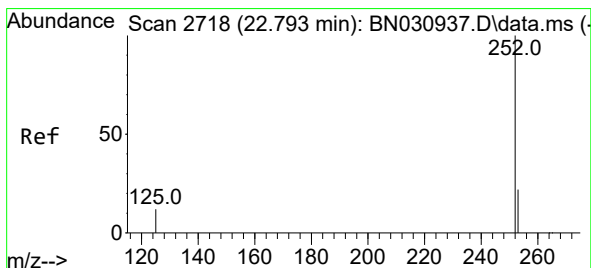
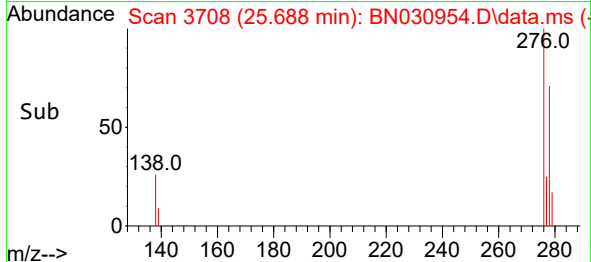
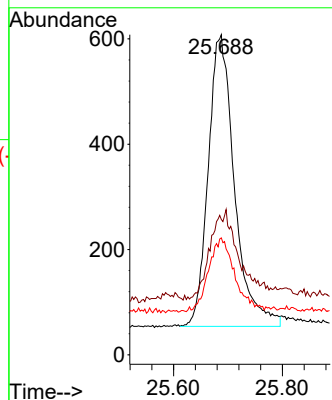
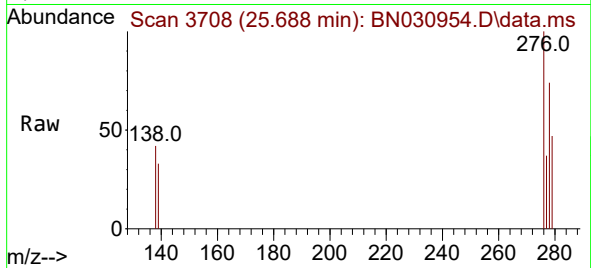




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.688 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

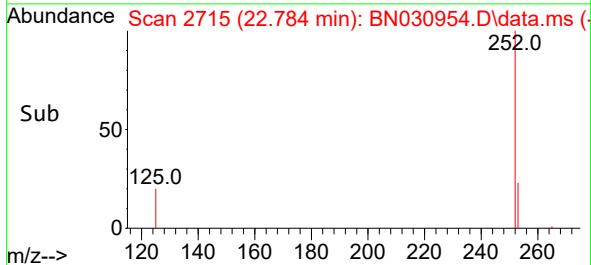
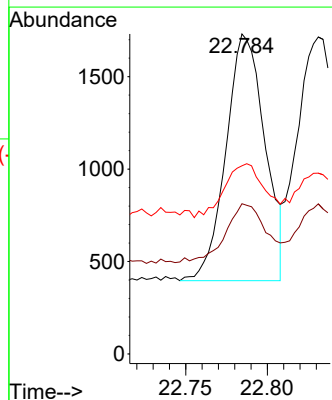
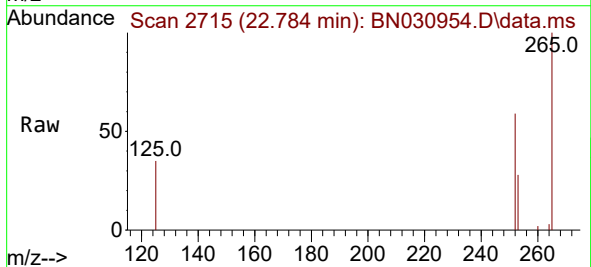
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

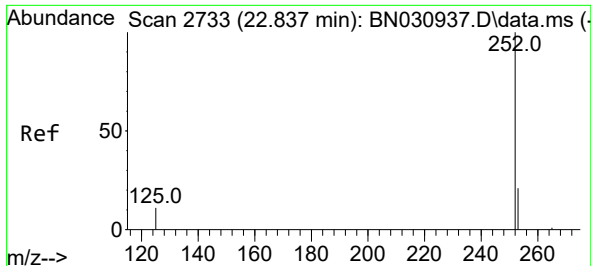
Tgt Ion:276 Resp: 1855
Ion Ratio Lower Upper
276 100
138 15.3 23.1 34.7#
277 23.8 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 22.784 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

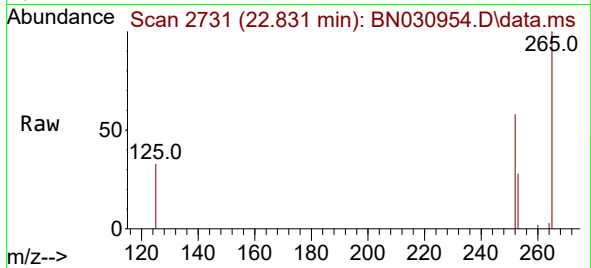
Tgt Ion:252 Resp: 2221
Ion Ratio Lower Upper
252 100
253 47.0 20.2 30.2#
125 58.8 13.4 20.2#



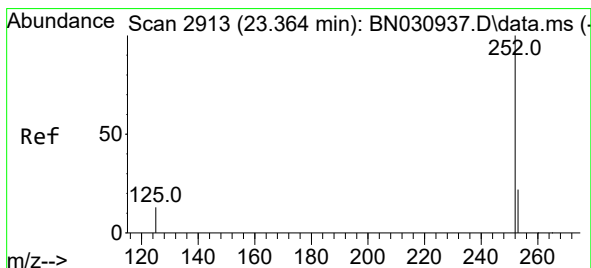
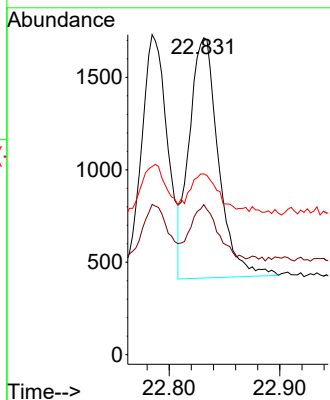


#38
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 22.831 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

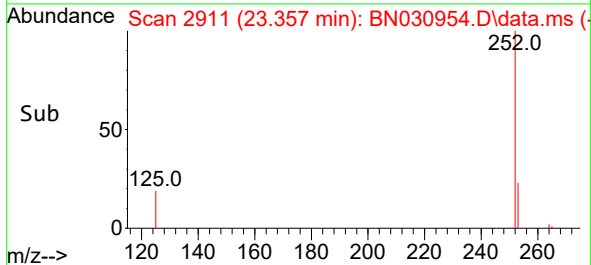
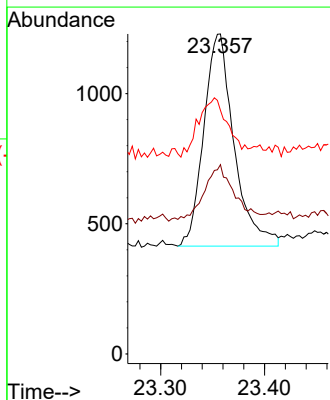
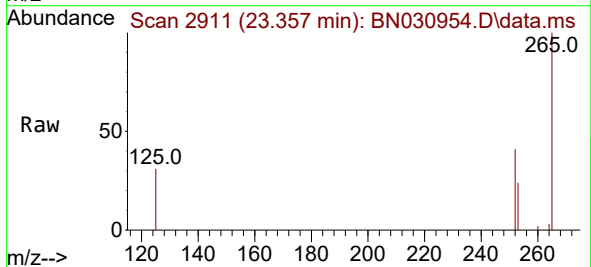


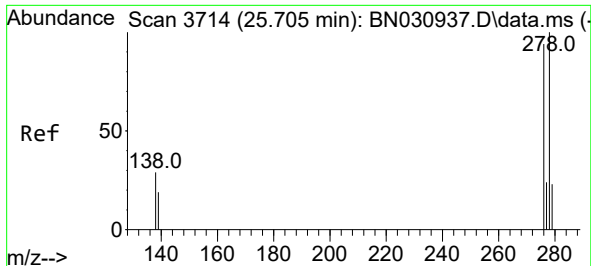
Tgt Ion:252 Resp: 2391
Ion Ratio Lower Upper
252 100
253 47.3 19.9 29.9#
125 57.0 13.2 19.8#



#39
Benzo(a)pyrene
Concen: 0.032 ng
RT: 23.357 min Scan# 2911
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:252 Resp: 1651
Ion Ratio Lower Upper
252 100
253 59.2 21.4 32.2#
125 76.2 16.6 25.0#

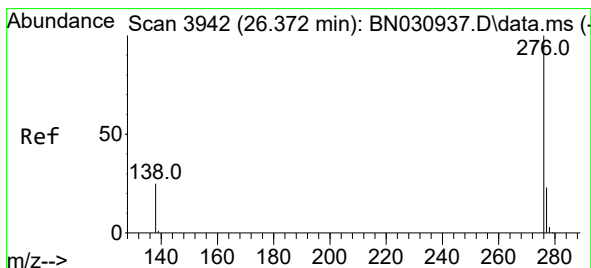
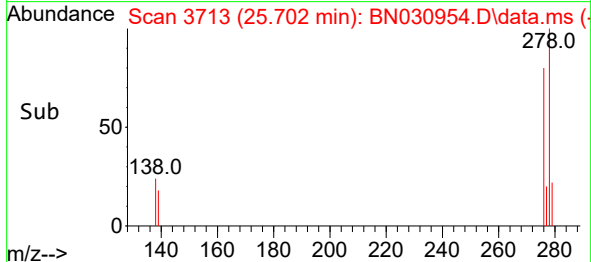
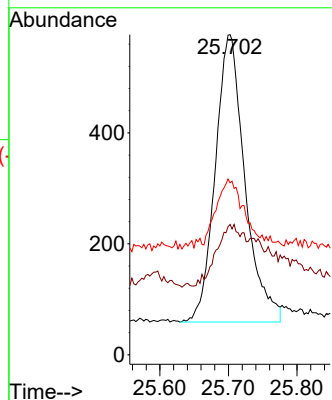
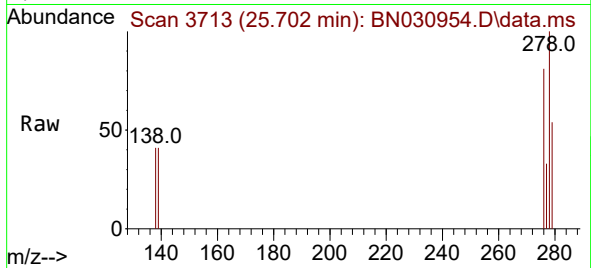




#40
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 25.702 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824

Tgt Ion:278 Resp: 1555
Ion Ratio Lower Upper
278 100
139 40.7 16.3 24.5#
279 53.7 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.366 min Scan# 3940
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:276 Resp: 1576
Ion Ratio Lower Upper
276 100
277 36.5 19.4 29.2#
138 40.9 21.0 31.4#

