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 Data File : BN030955.D
 Acq On : 16 Apr 2024 03:00
 Operator : MA/JU
 Sample : P2031-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 16 03:28:00 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

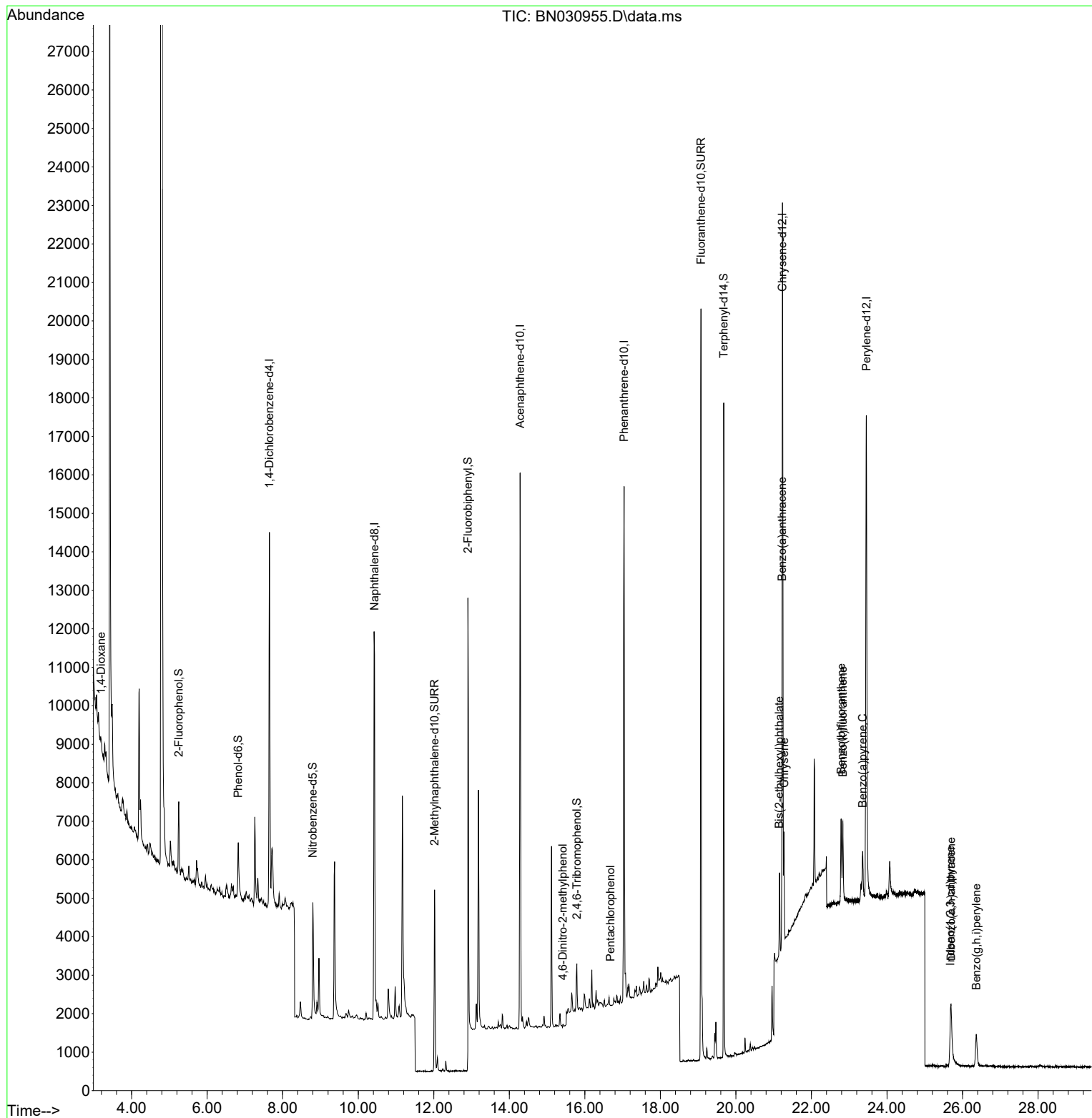
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	5076	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	14791	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	8090	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	19288	0.400	ng	0.00
29) Chrysene-d12	21.231	240	17779	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	17703	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1810	0.160	ng	0.00
5) Phenol-d6	6.823	99	1503	0.110	ng	0.00
8) Nitrobenzene-d5	8.798	82	2910	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	6787	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	700	0.223	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7816	0.287	ng	0.00
27) Fluoranthene-d10	19.075	212	21029	0.405	ng	0.00
31) Terphenyl-d14	19.679	244	15669	0.380	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	312	0.050	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.417	198	6	0.104	ng	# 1
24) Pentachlorophenol	16.680	266	2	0.127	ng	# 1
32) Benzo(a)anthracene	21.222	228	2247	0.036	ng	95
33) Chrysene	21.276	228	2500	0.037	ng	95
34) Bis(2-ethylhexyl)phtha...	21.151	149	2528	0.089	ng	100
36) Indeno(1,2,3-cd)pyrene	25.682	276	2076	0.025	ng	# 84
37) Benzo(b)fluoranthene	22.788	252	2548	0.035	ng	# 43
38) Benzo(k)fluoranthene	22.831	252	2646	0.037	ng	# 41
39) Benzo(a)pyrene	23.358	252	1784	0.029	ng	# 17
40) Dibenzo(a,h)anthracene	25.697	278	1683	0.026	ng	# 48
41) Benzo(g,h,i)perylene	26.369	276	1810	0.025	ng	# 76

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

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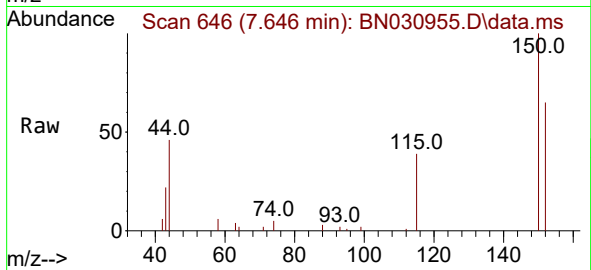
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
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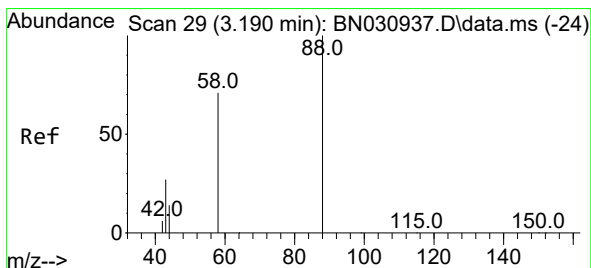
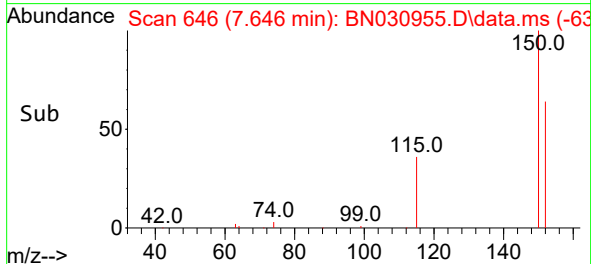
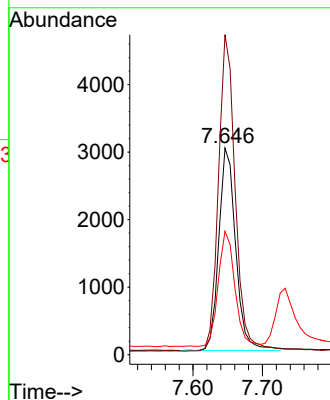


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

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

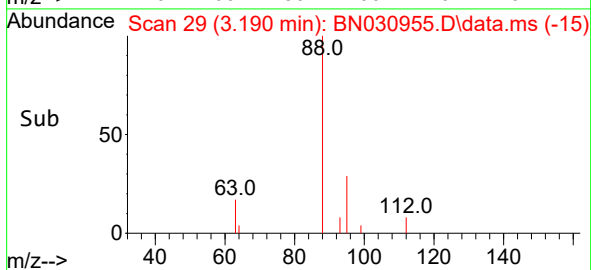
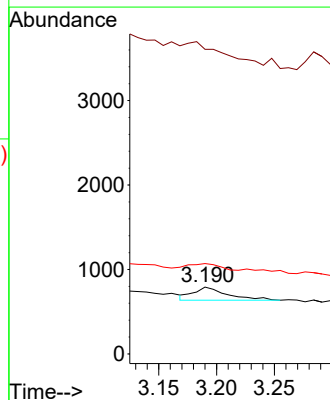
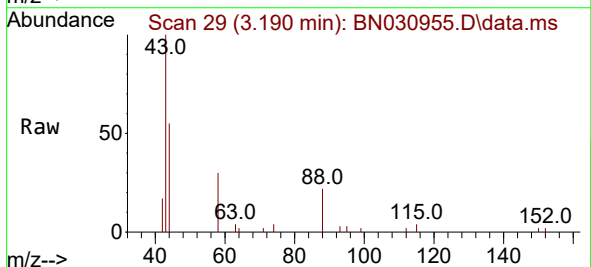


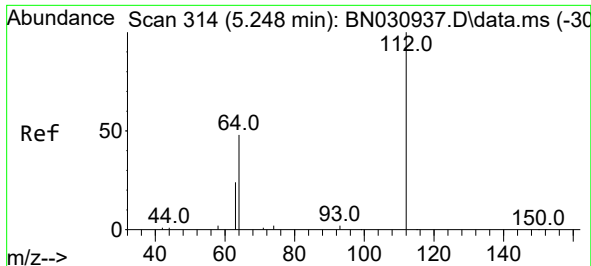
Tgt Ion:152 Resp: 5076
Ion Ratio Lower Upper
152 100
150 154.9 121.7 182.5
115 59.7 47.8 71.8



#2
1,4-Dioxane
Concen: 0.050 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion: 88 Resp: 312
Ion Ratio Lower Upper
88 100
43 0.0 23.7 35.5#
58 50.0 55.7 83.5#

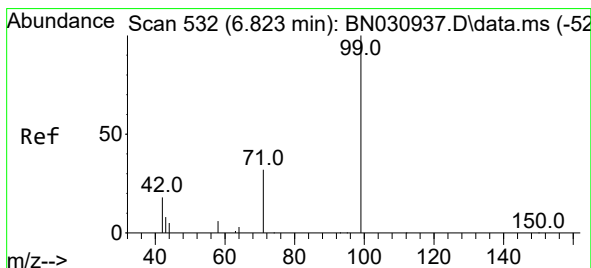
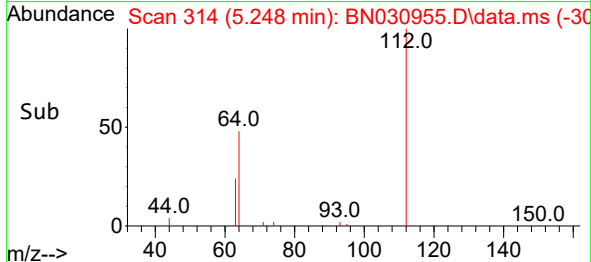
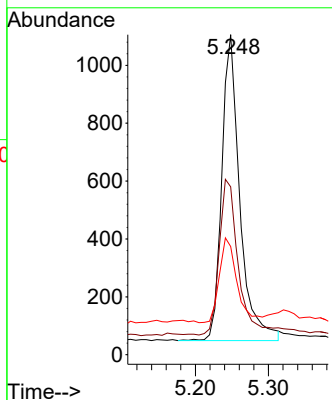
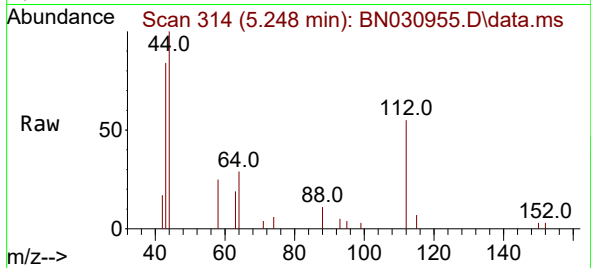




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

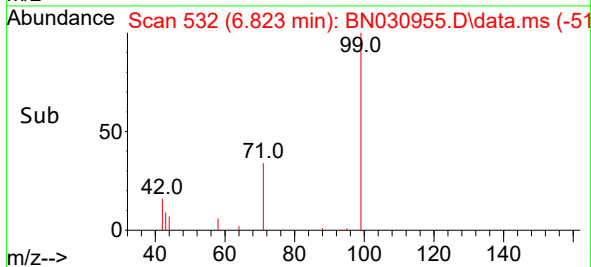
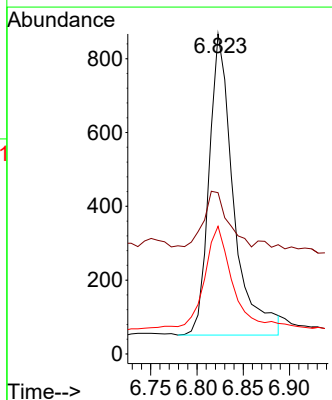
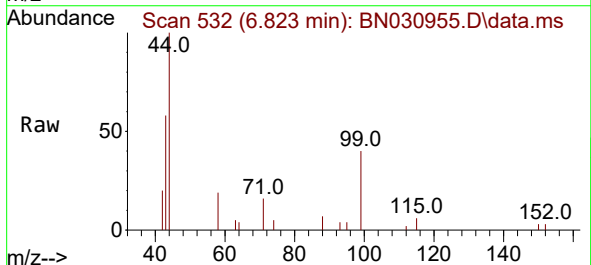
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ClientSampleId :
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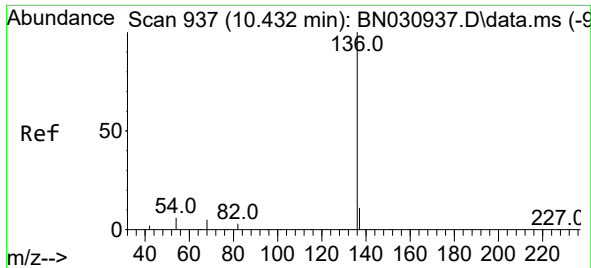
Tgt Ion:112 Resp: 1810
Ion Ratio Lower Upper
112 100
64 53.5 43.4 65.2
63 27.2 22.2 33.2



#5
Phenol-d6
Concen: 0.110 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 17.7 16.4 24.6
71 39.1 26.3 39.5

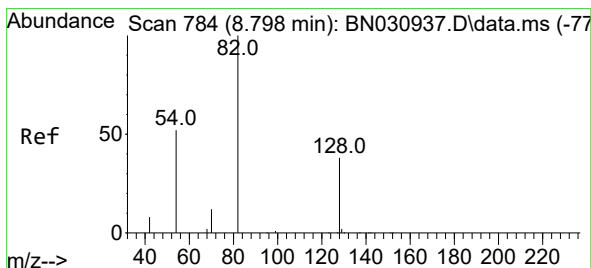
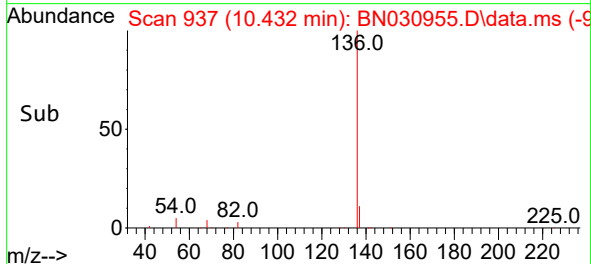
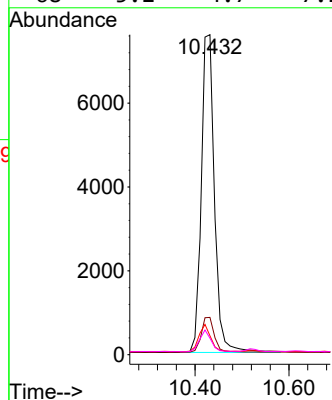
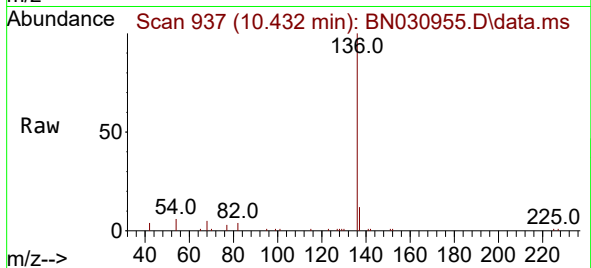




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

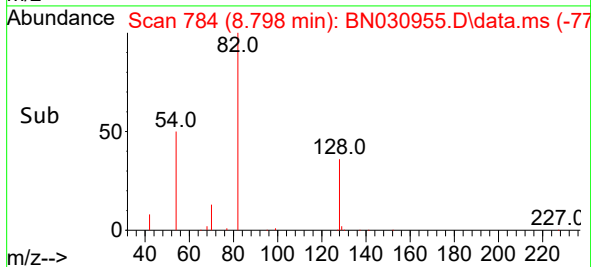
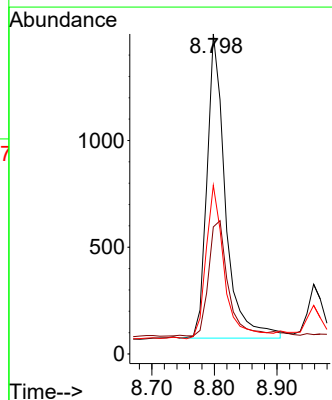
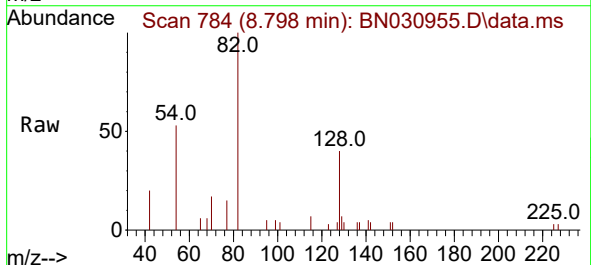
Instrument :
BNA_N
ClientSampleId :
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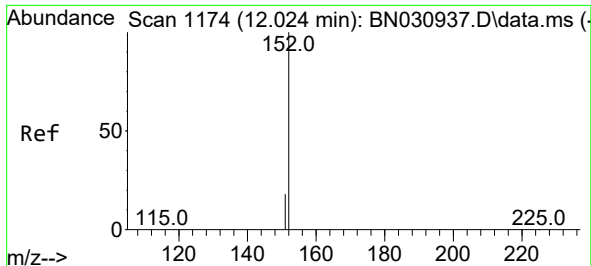
Tgt Ion:	136	Resp:	14791
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	5.9	5.3	7.9
68	5.2	4.7	7.1



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:	82	Resp:	2910
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.7	50.5
54	52.7	43.7	65.5

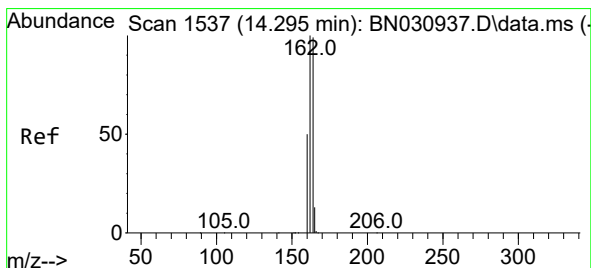
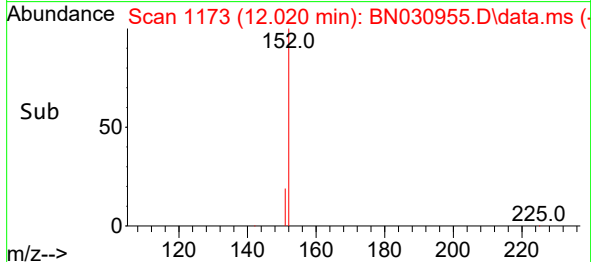
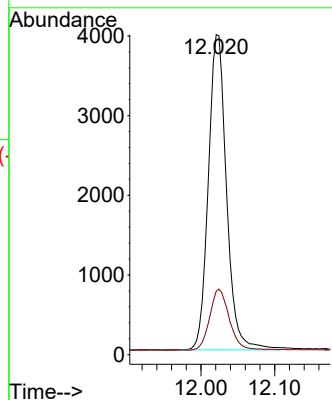
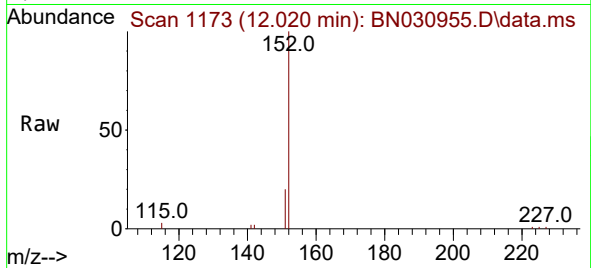




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.020 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

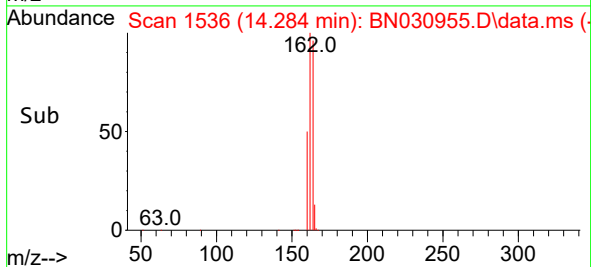
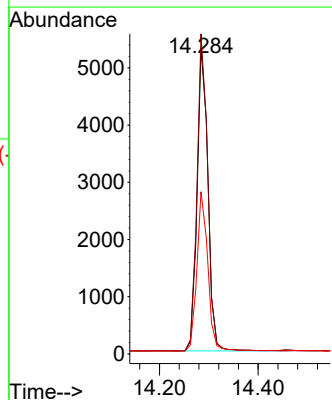
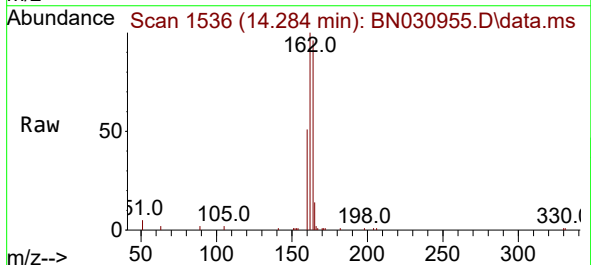
Instrument :
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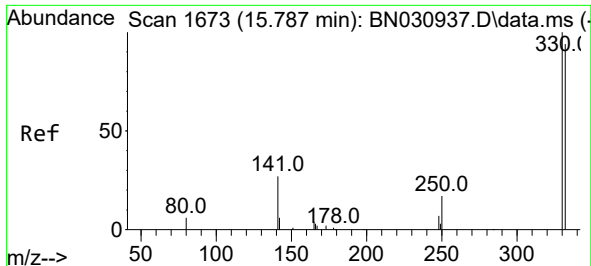
Tgt Ion:152 Resp: 6787
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:164 Resp: 8090
Ion Ratio Lower Upper
164 100
162 104.6 80.6 121.0
160 53.0 40.7 61.1

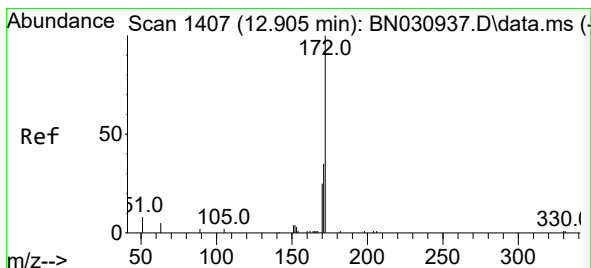
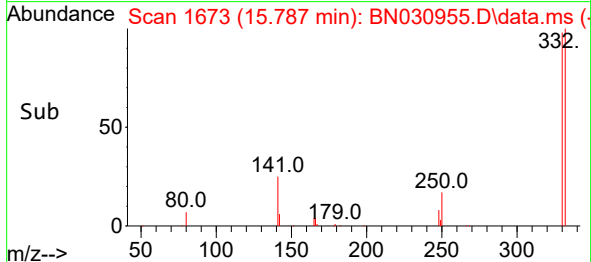
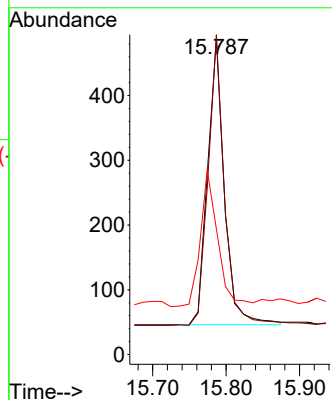
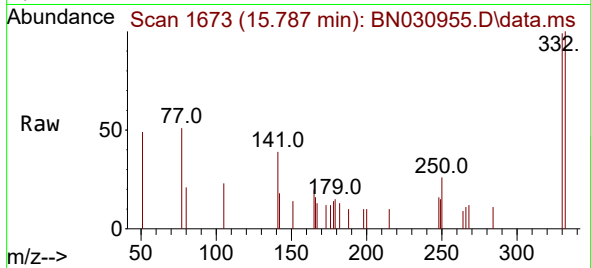




#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

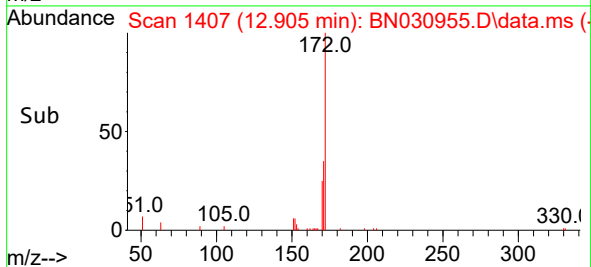
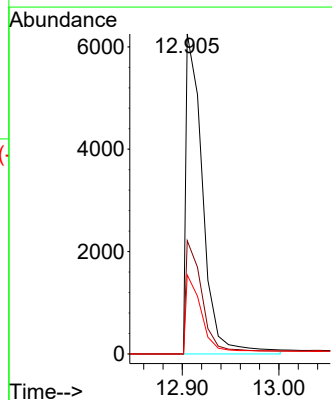
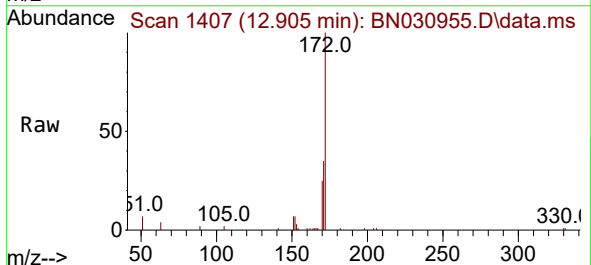
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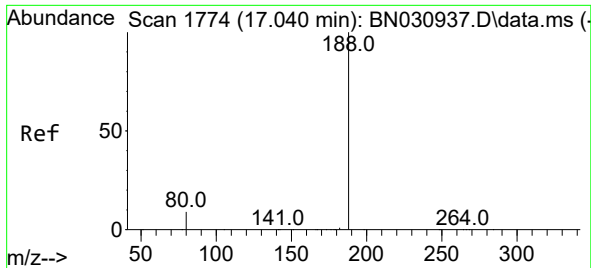
Tgt Ion:330 Resp: 700
Ion Ratio Lower Upper
330 100
332 99.3 74.2 111.2
141 49.4 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:172 Resp: 7816
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.7 19.8 29.8

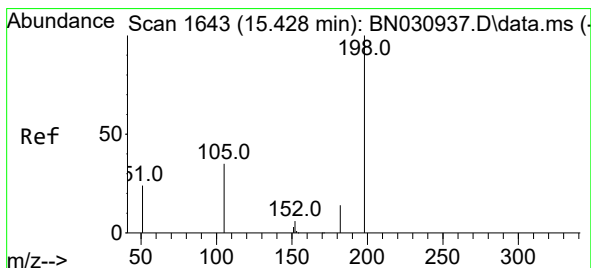
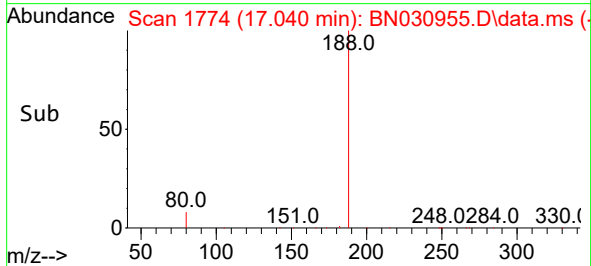
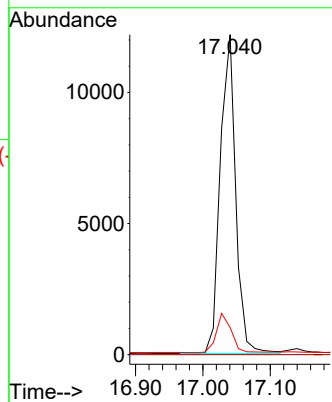
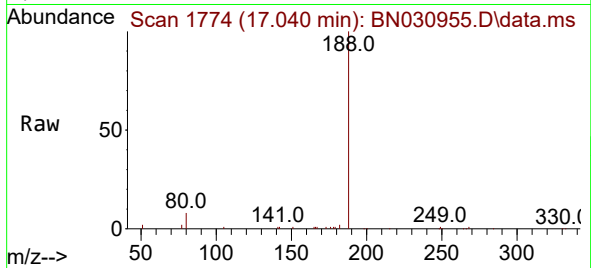




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

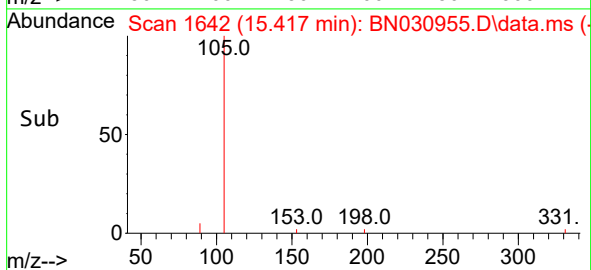
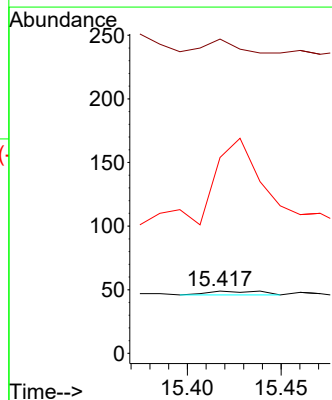
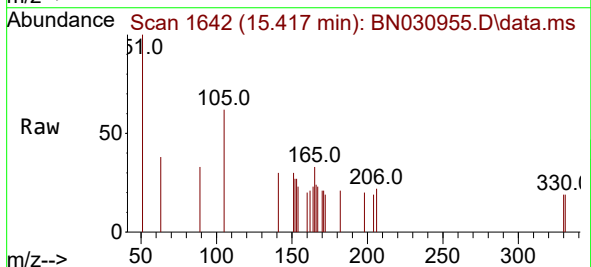
Instrument :
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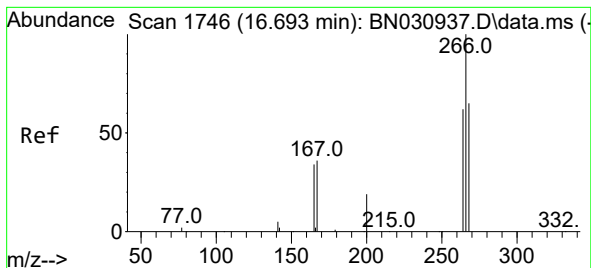
Tgt Ion:188 Resp: 19288
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.104 ng
RT: 15.417 min Scan# 1642
Delta R.T. -0.011 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 504.1 65.2 97.8#
105 314.3 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.127 ng

RT: 16.680 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824-FD

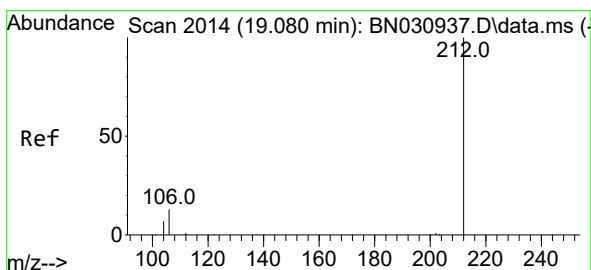
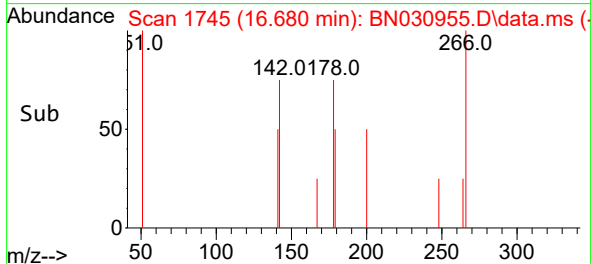
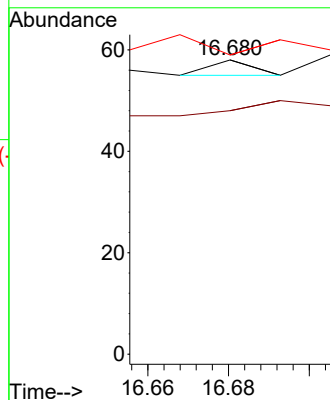
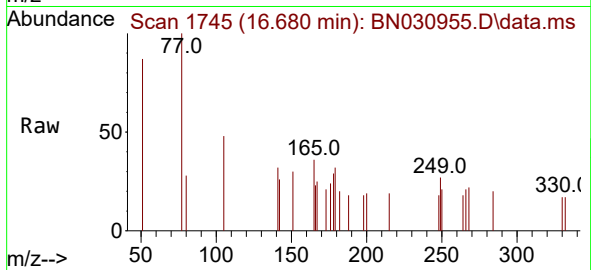
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 700.0 50.2 75.2#

268 0.0 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.075 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

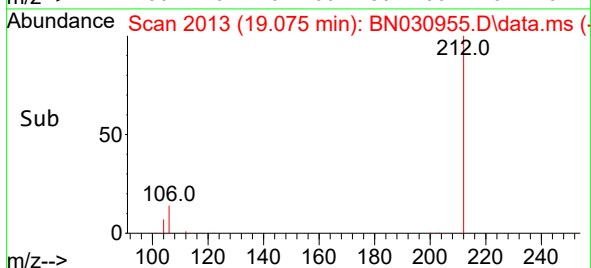
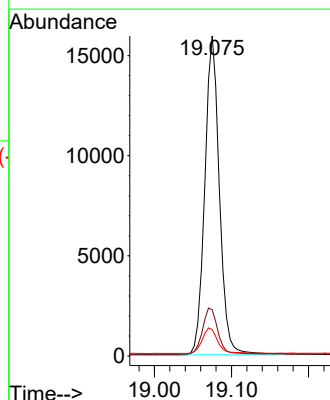
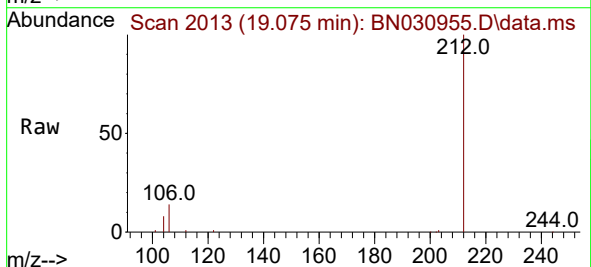
Tgt Ion:212 Resp: 21029

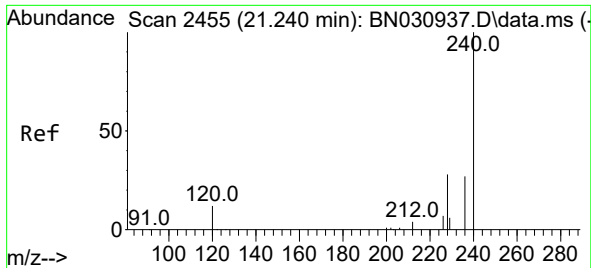
Ion Ratio Lower Upper

212 100

106 15.0 12.0 18.0

104 8.4 6.7 10.1

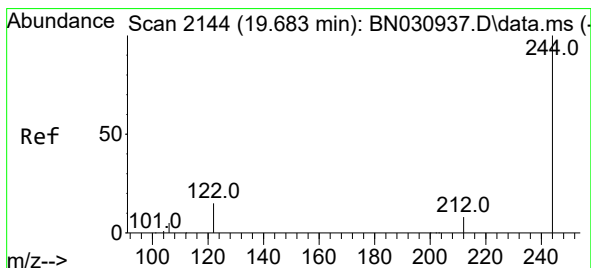
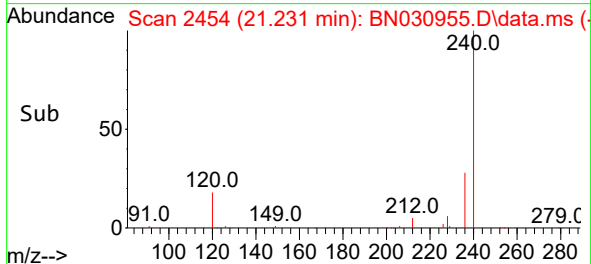
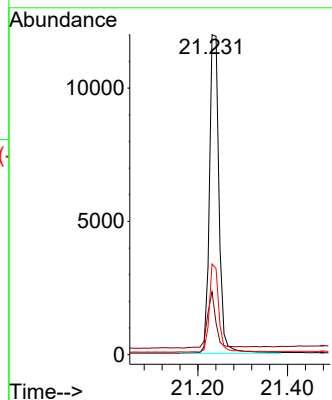
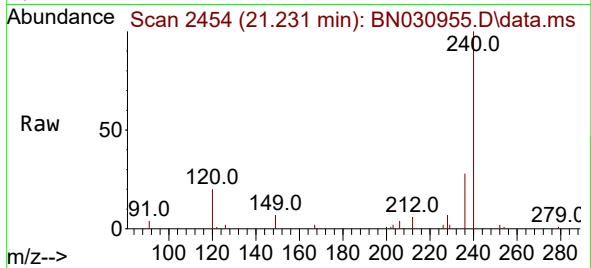




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

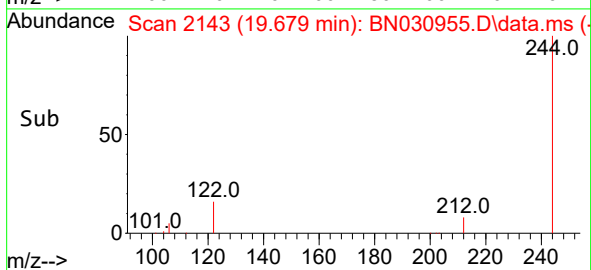
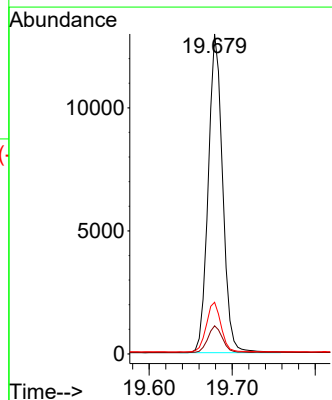
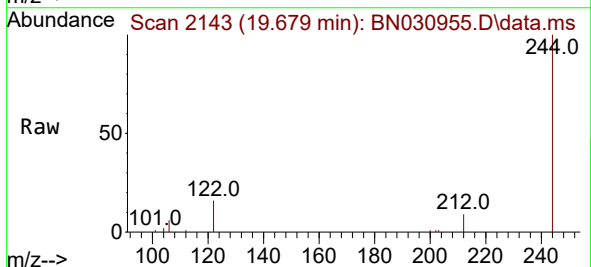
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824-FD

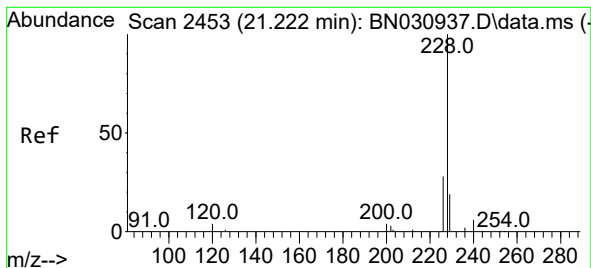
Tgt Ion:240 Resp: 17779
Ion Ratio Lower Upper
240 100
120 19.6 11.0 16.4#
236 28.4 22.3 33.5



#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.679 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:244 Resp: 15669
Ion Ratio Lower Upper
244 100
212 8.8 7.2 10.8
122 16.2 12.7 19.1





#32

Benzo(a)anthracene

Concen: 0.036 ng

RT: 21.222 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824-FD

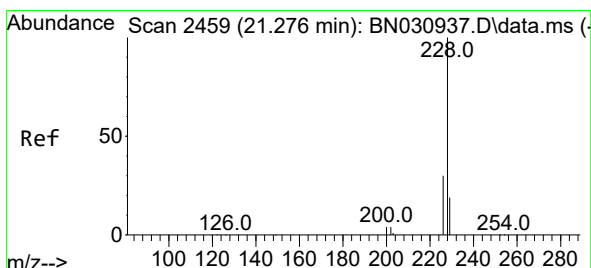
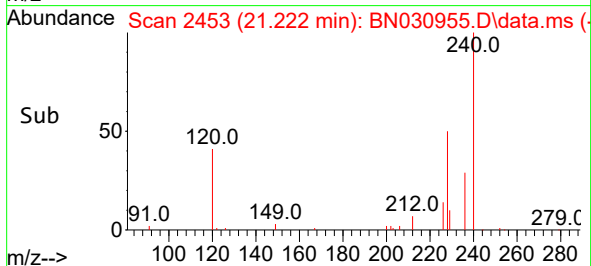
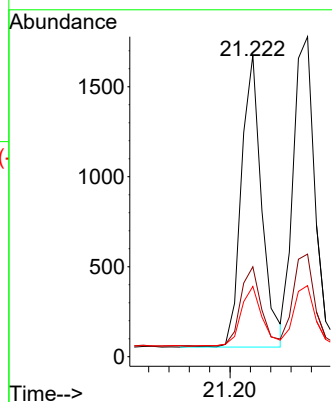
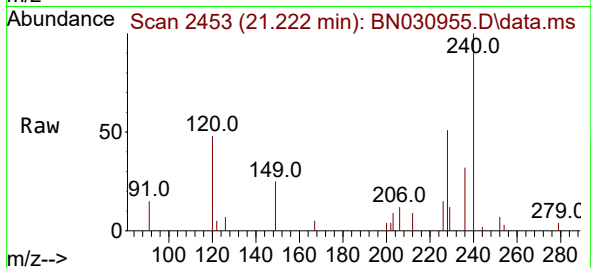
Tgt Ion:228 Resp: 2247

Ion Ratio Lower Upper

228 100

226 29.8 22.4 33.6

229 23.3 15.7 23.5



#33

Chrysene

Concen: 0.037 ng

RT: 21.276 min Scan# 2459

Delta R.T. -0.000 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

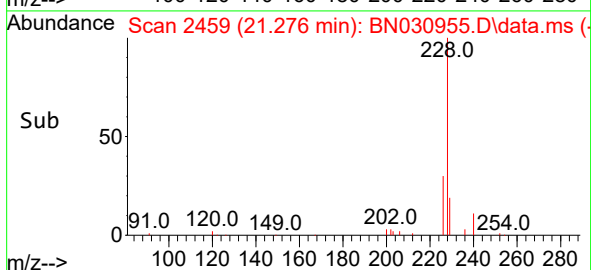
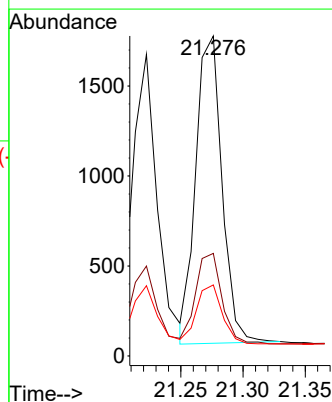
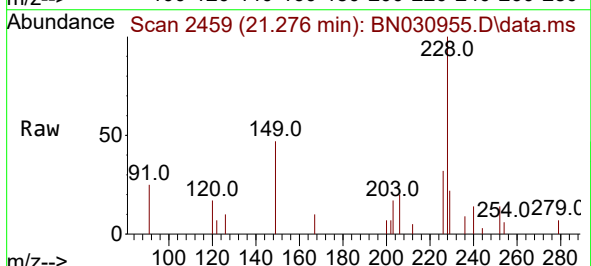
Tgt Ion:228 Resp: 2500

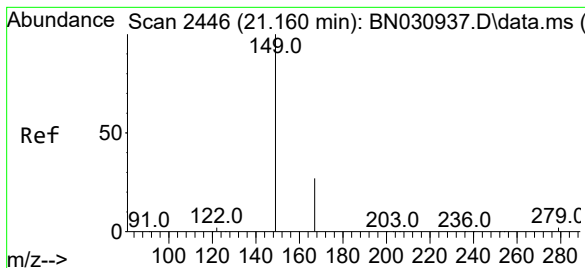
Ion Ratio Lower Upper

228 100

226 32.1 23.9 35.9

229 22.2 15.8 23.6

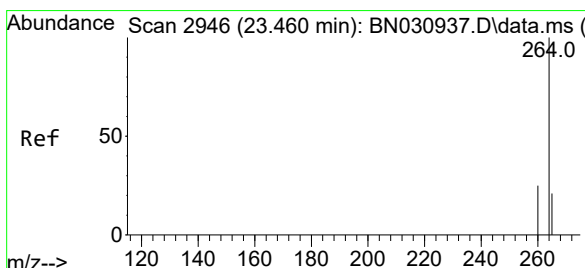
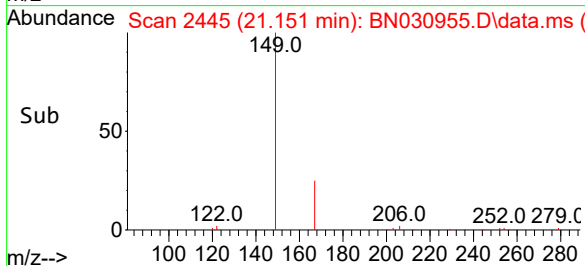
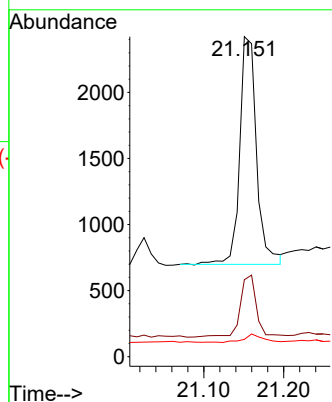
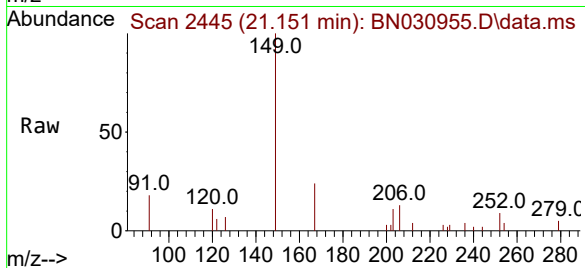




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.151 min Scan# 2445
 Delta R.T. -0.009 min
 Lab File: BN030955.D
 Acq: 16 Apr 2024 03:00

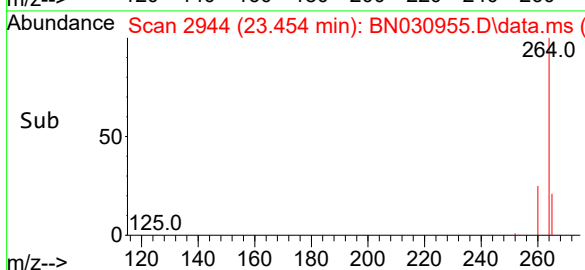
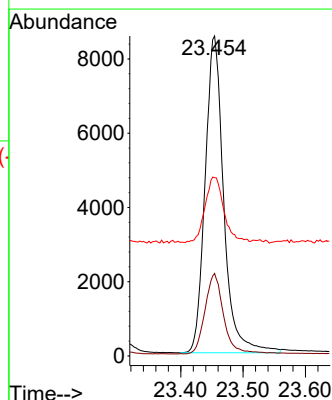
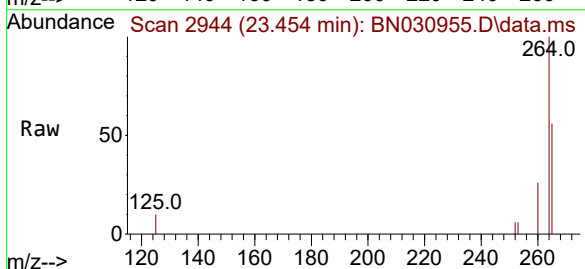
Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824-FD

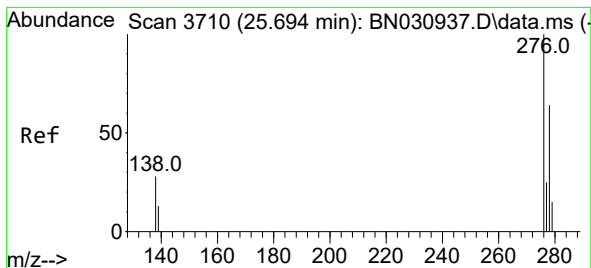
Tgt Ion:149 Resp: 2528
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.6 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2944
 Delta R.T. -0.006 min
 Lab File: BN030955.D
 Acq: 16 Apr 2024 03:00

Tgt Ion:264 Resp: 17703
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.6 31.0
 265 55.7 53.3 79.9





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 25.682 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824-FD

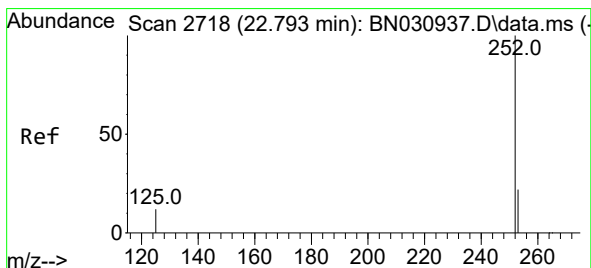
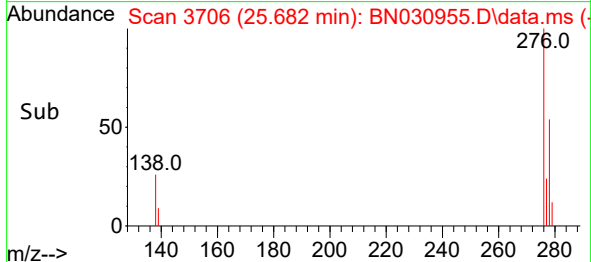
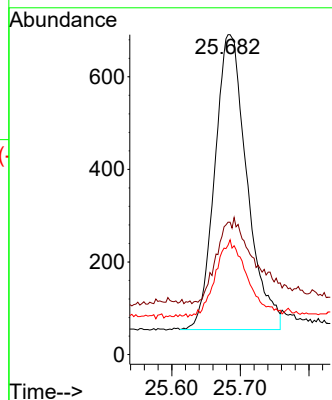
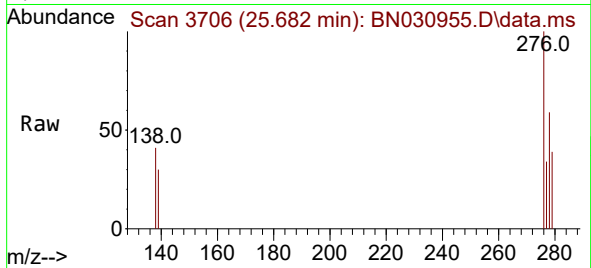
Tgt Ion:276 Resp: 2076

Ion Ratio Lower Upper

276 100

138 14.2 23.1 34.7#

277 26.1 19.9 29.9



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.788 min Scan# 2716

Delta R.T. -0.006 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

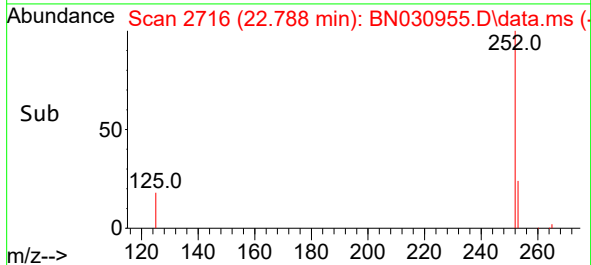
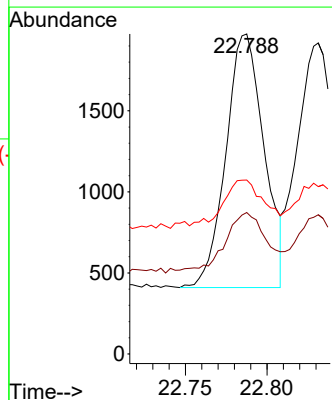
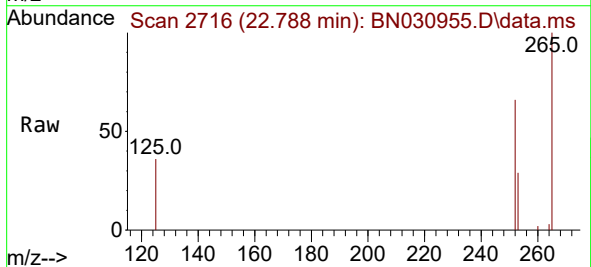
Tgt Ion:252 Resp: 2548

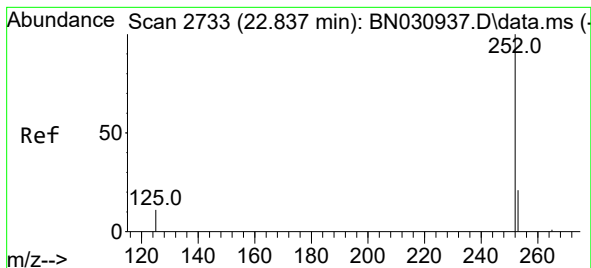
Ion Ratio Lower Upper

252 100

253 44.2 20.2 30.2#

125 54.4 13.4 20.2#





#38

Benzo(k)fluoranthene

Concen: 0.037 ng

RT: 22.831 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN030955.D

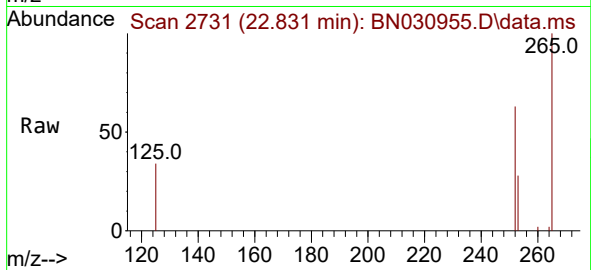
Acq: 16 Apr 2024 03:00

Instrument :

BNA_N

ClientSampleId :

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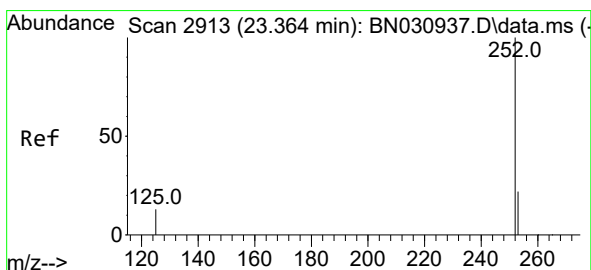
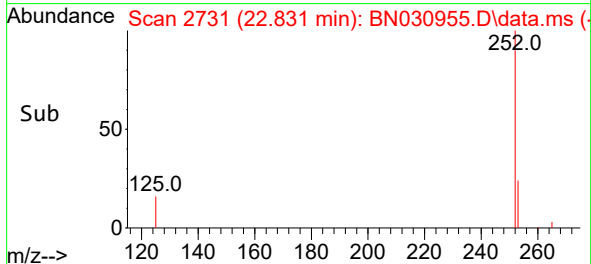
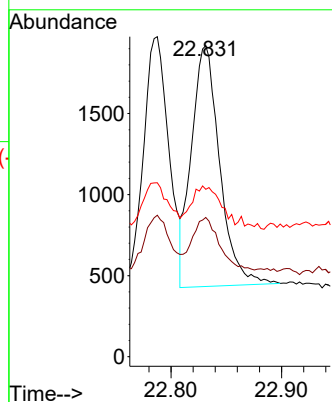
Tgt Ion:252 Resp: 2646

Ion Ratio Lower Upper

252 100

253 44.8 19.9 29.9#

125 53.8 13.2 19.8#



#39

Benzo(a)pyrene

Concen: 0.029 ng

RT: 23.358 min Scan# 2911

Delta R.T. -0.006 min

Lab File: BN030955.D

Acq: 16 Apr 2024 03:00

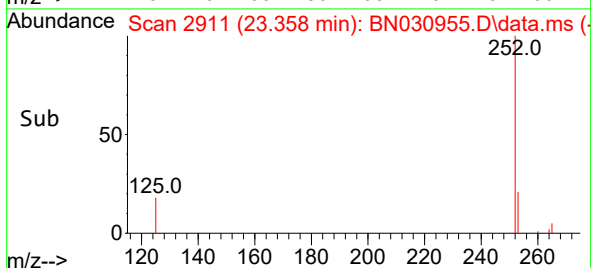
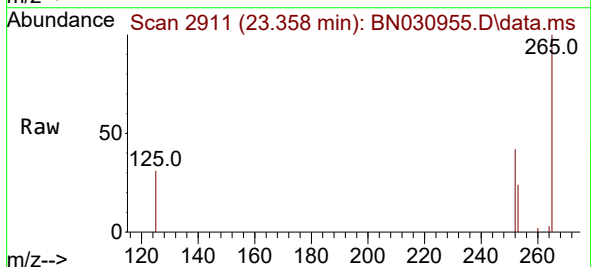
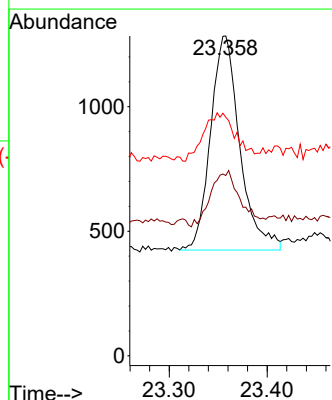
Tgt Ion:252 Resp: 1784

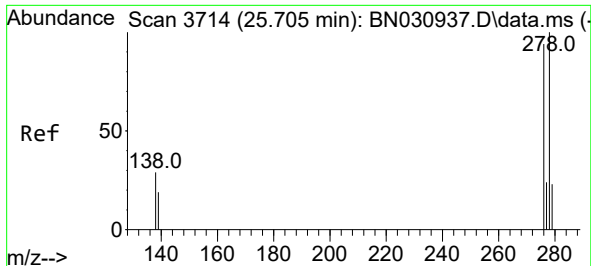
Ion Ratio Lower Upper

252 100

253 56.4 21.4 32.2#

125 74.6 16.6 25.0#

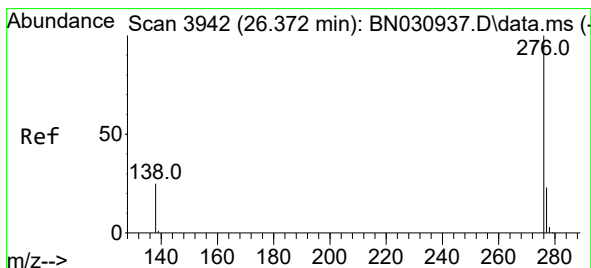
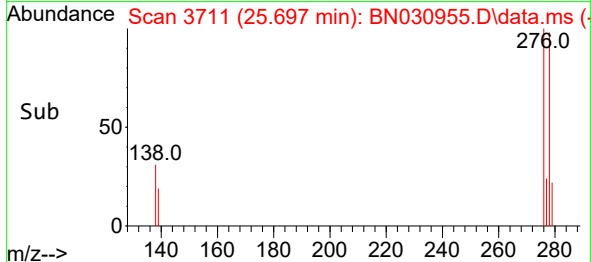
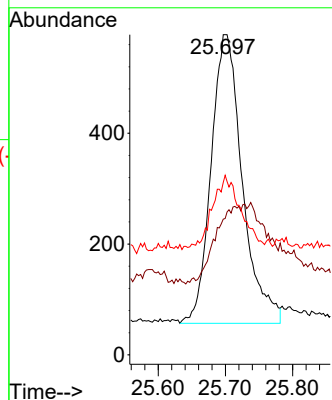
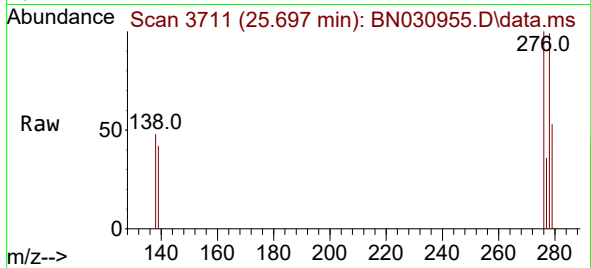




#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 25.697 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

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

Tgt Ion:278 Resp: 1683
Ion Ratio Lower Upper
278 100
139 42.4 16.3 24.5#
279 53.8 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.369 min Scan# 3941
Delta R.T. -0.003 min
Lab File: BN030955.D
Acq: 16 Apr 2024 03:00

Tgt Ion:276 Resp: 1810
Ion Ratio Lower Upper
276 100
277 34.1 19.4 29.2#
138 40.9 21.0 31.4#

