

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
 Data File : BN031378.D
 Acq On : 02 May 2024 19:14
 Operator : MA/JU
 Sample : PB160578BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 01:10:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 02 15:02:22 2024
 Response via : Initial Calibration

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

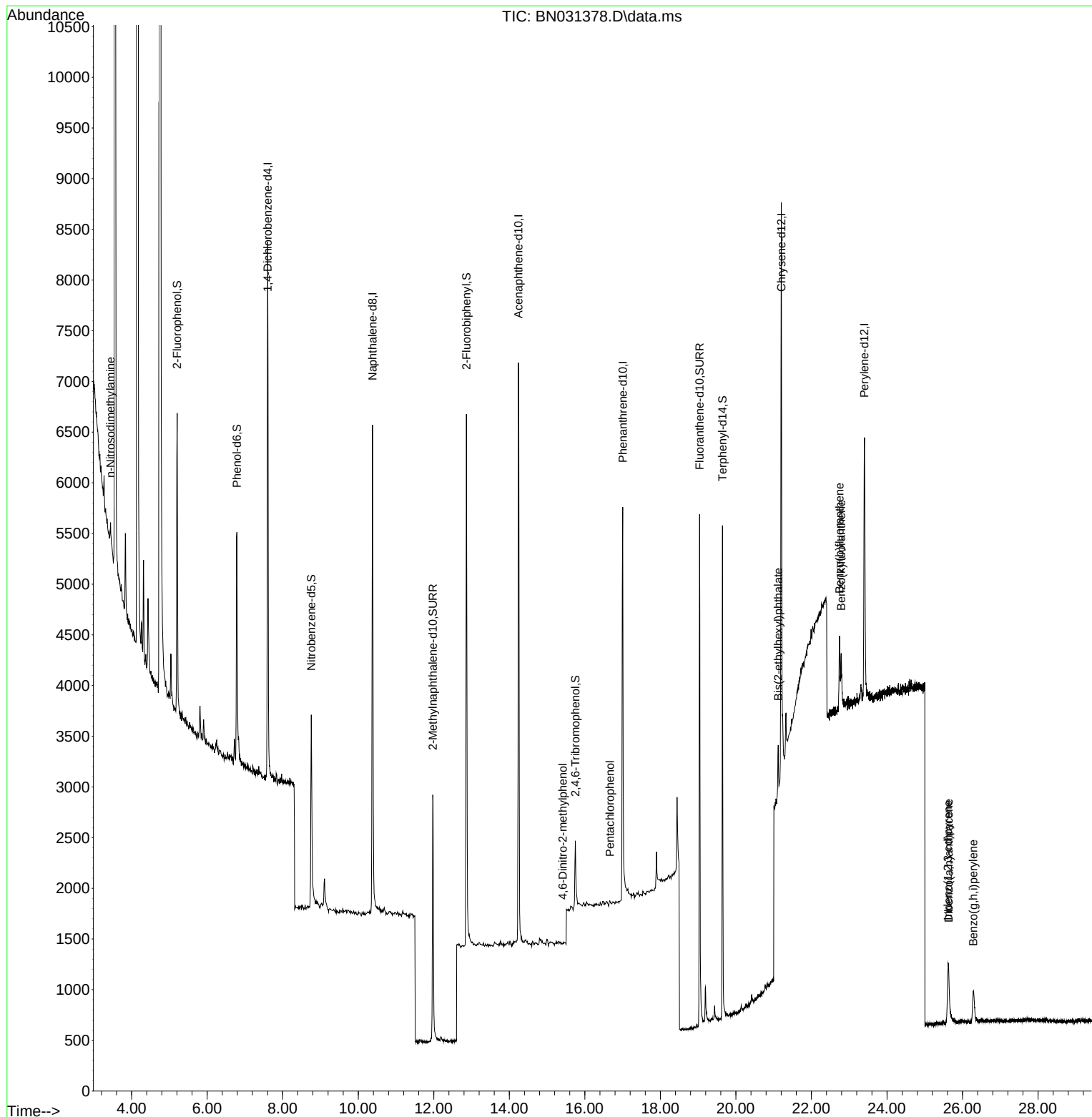
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2615	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	7116	0.400	ng	# 0.00
13) Acenaphthene-d10	14.242	164	3651	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	6800	0.400	ng	0.00
29) Chrysene-d12	21.202	240	5676	0.400	ng	0.00
35) Perylene-d12	23.402	264	3681	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	2464	0.423	ng	0.00
5) Phenol-d6	6.786	99	2545	0.361	ng	0.00
8) Nitrobenzene-d5	8.755	82	1901	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	3820	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	436	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	4903	0.400	ng	0.00
27) Fluoranthene-d10	19.040	212	6250	0.341	ng	0.00
31) Terphenyl-d14	19.644	244	5032	0.382	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.443	42	117	0.039	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.418	198	12	0.114	ng	# 1
24) Pentachlorophenol	16.669	266	22	0.139	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.121	149	637	0.070	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.618	276	878	0.051	ng	# 85
37) Benzo(b)fluoranthene	22.747	252	940	0.062	ng	# 3
38) Benzo(k)fluoranthene	22.788	252	740	0.050	ng	# 1
40) Dibenzo(a,h)anthracene	25.633	278	613	0.045	ng	# 1
41) Benzo(g,h,i)perylene	26.288	276	744	0.049	ng	# 48

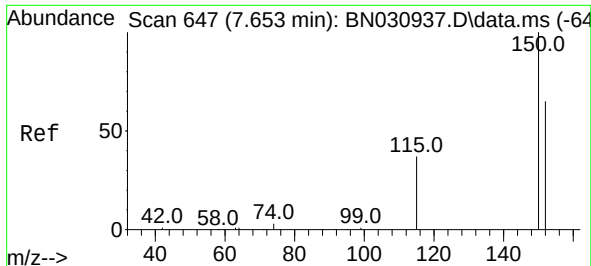
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
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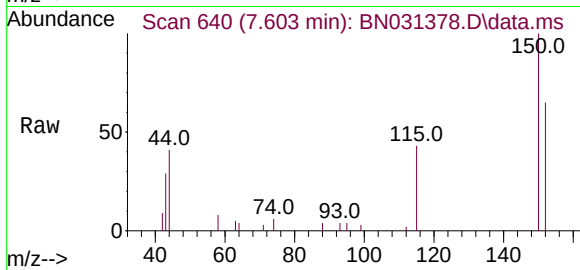
Quant Time: May 03 01:10:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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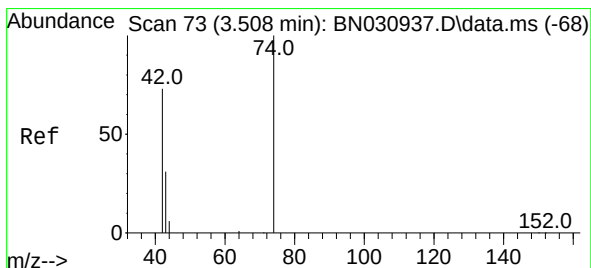
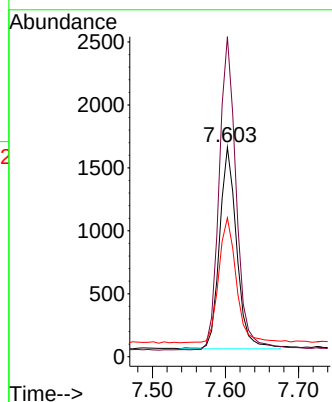
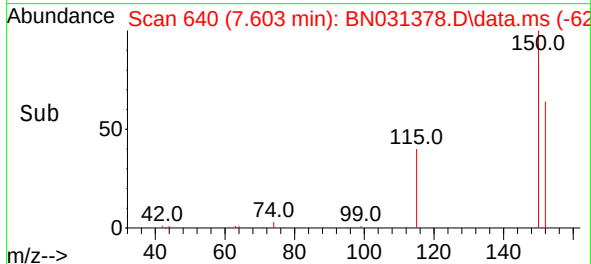


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Instrument :
BNA_N
ClientSampleId :

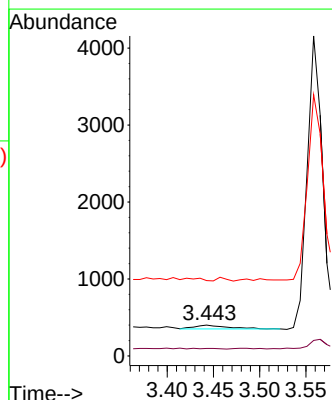
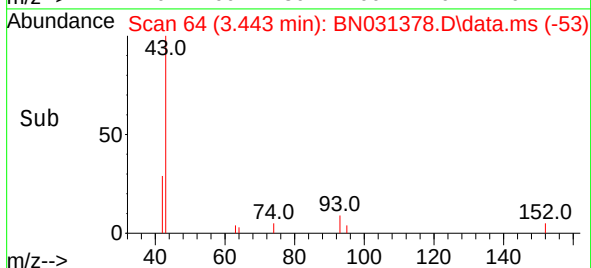
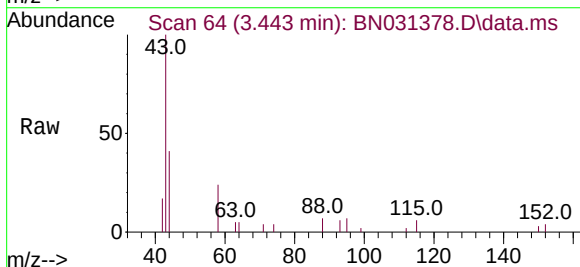


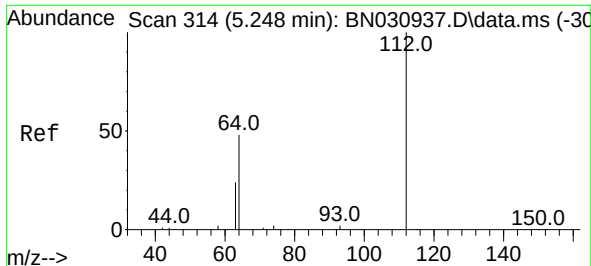
Tgt Ion:152 Resp: 2615
Ion Ratio Lower Upper
152 100
150 152.8 121.7 182.5
115 66.3 47.8 71.8



#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.443 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Tgt Ion: 42 Resp: 117
Ion Ratio Lower Upper
42 100
74 0.0 103.1 154.7#
44 0.0 7.0 10.6#

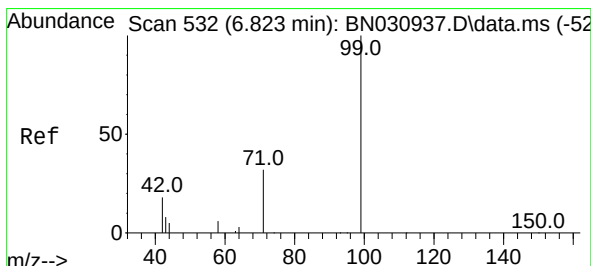
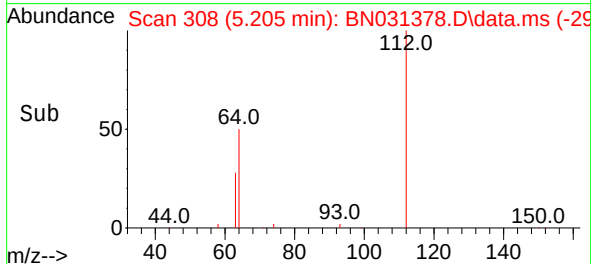
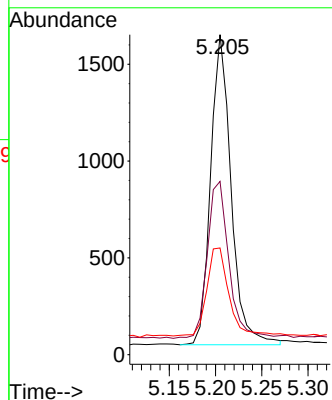
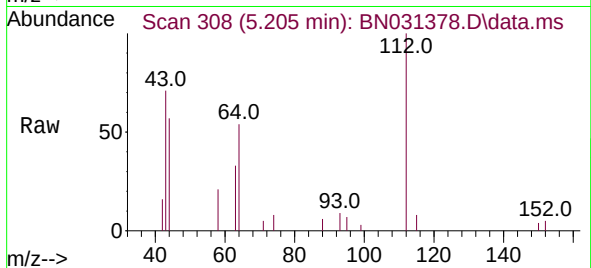




#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

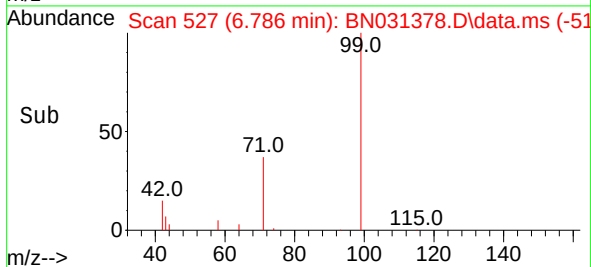
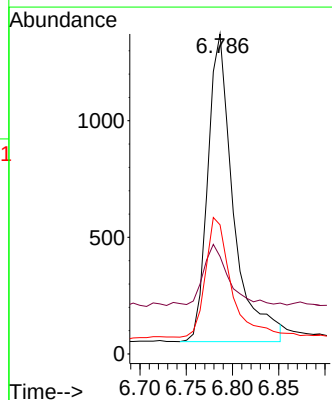
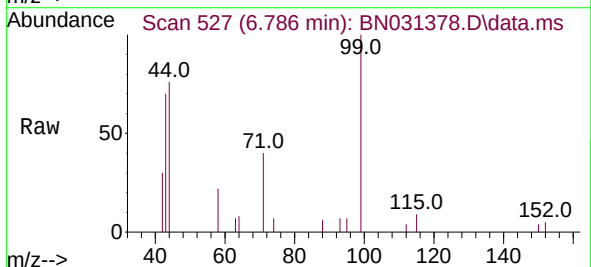
Instrument :
BNA_N
ClientSampleId :

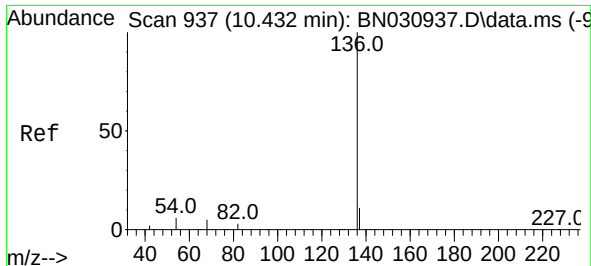
Tgt Ion:112 Resp: 2464
Ion Ratio Lower Upper
112 100
64 53.4 43.4 65.2
63 31.3 22.2 33.2



#5
Phenol-d6
Concen: 0.361 ng
RT: 6.786 min Scan# 527
Delta R.T. 0.007 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Tgt Ion: 99 Resp: 2545
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 38.8 26.3 39.5

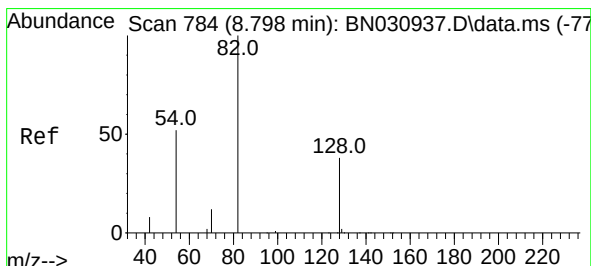
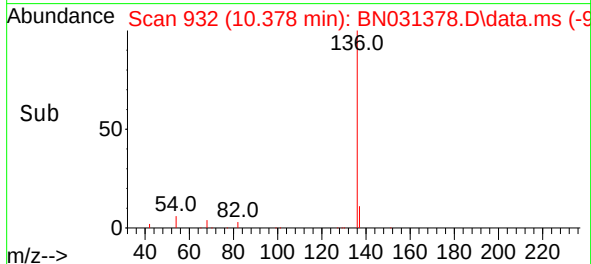
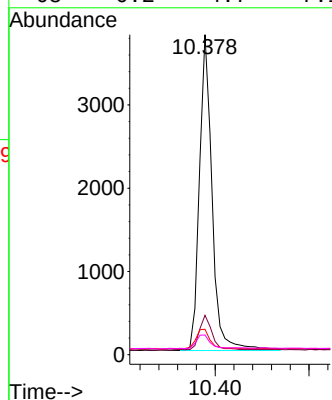
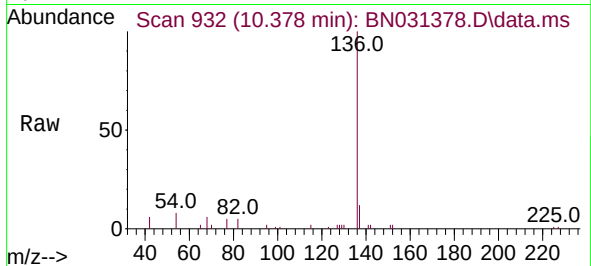




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

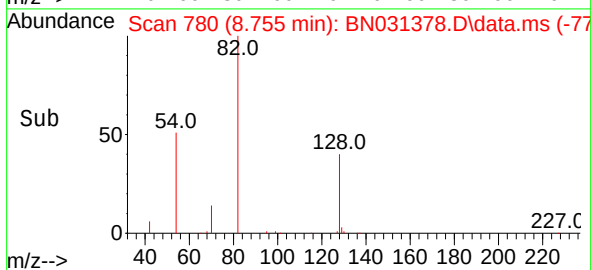
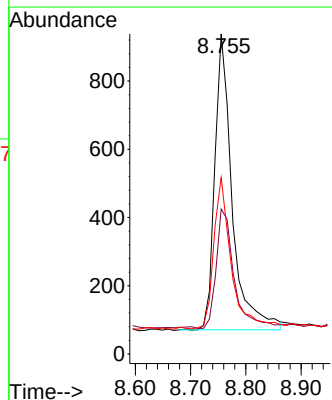
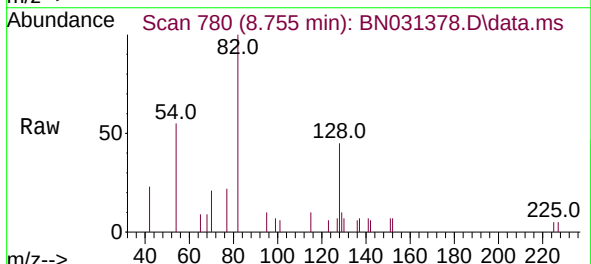
Instrument :
BNA_N
ClientSampleId :

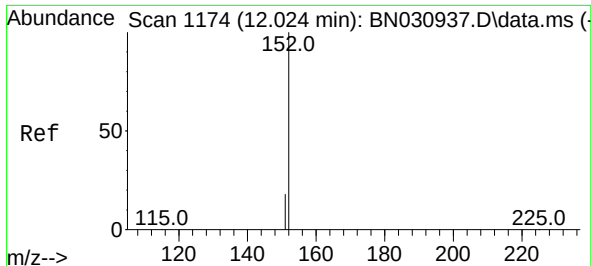
Tgt Ion:136 Resp: 7116
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.0
54 8.0 5.3 7.9#
68 6.2 4.7 7.1



#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.755 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Tgt Ion: 82 Resp: 1901
Ion Ratio Lower Upper
82 100
128 45.3 33.7 50.5
54 55.1 43.7 65.5

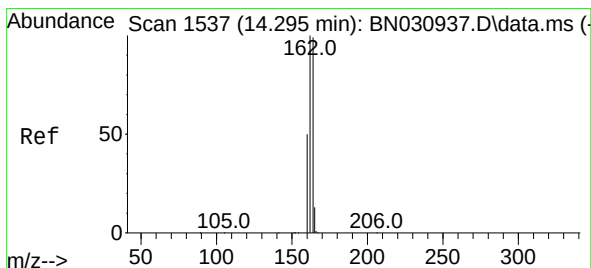
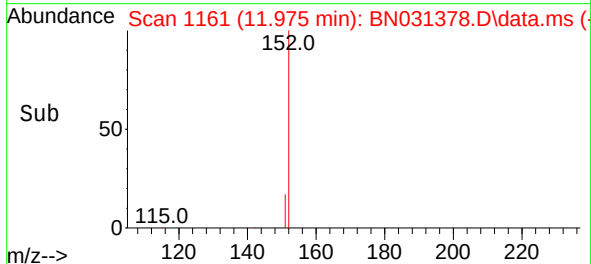
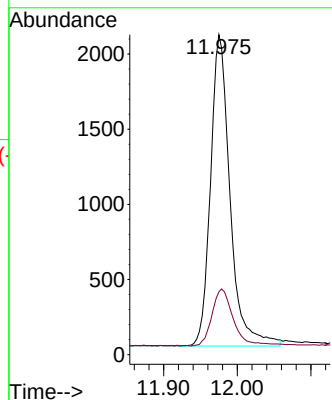
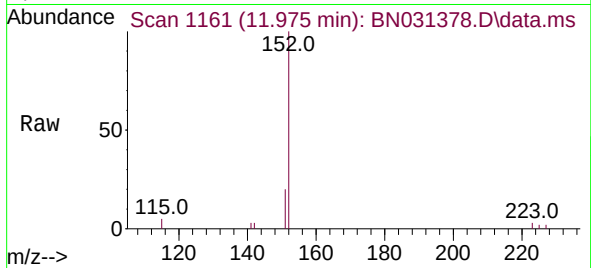




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

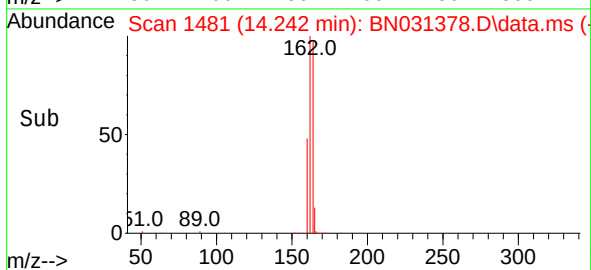
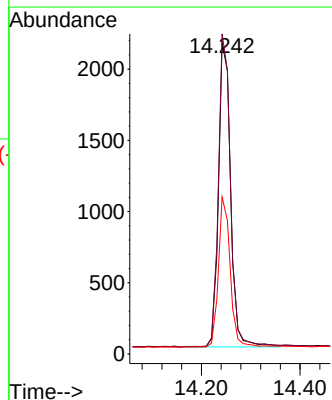
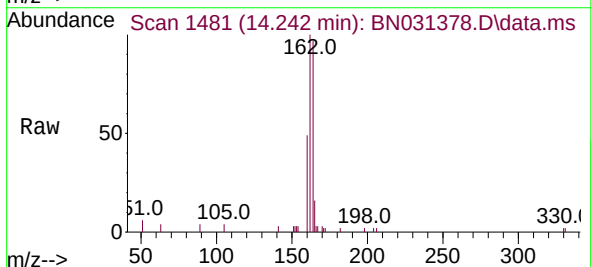
Instrument :
BNA_N
ClientSampleId :

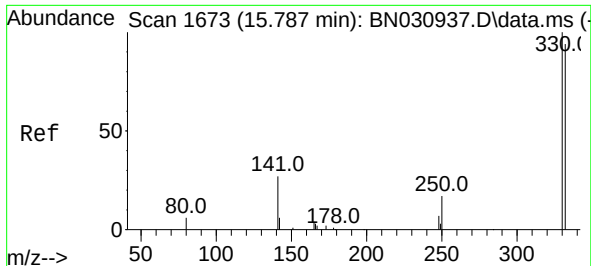
Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

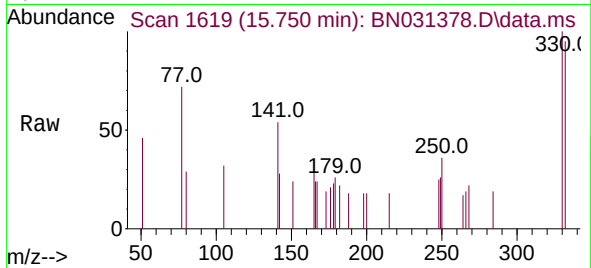
Tgt Ion:164 Resp: 3651
Ion Ratio Lower Upper
164 100
162 102.8 80.6 121.0
160 50.4 40.7 61.1



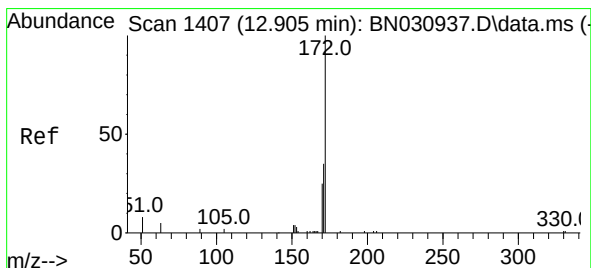
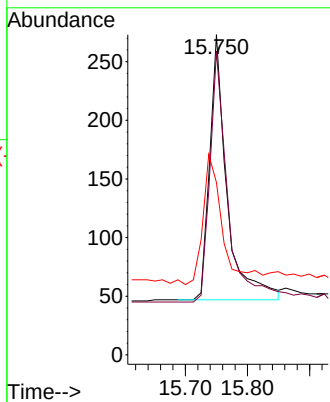
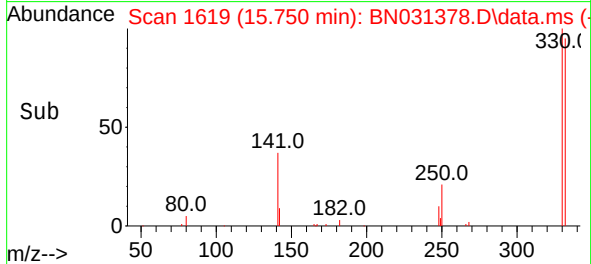


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

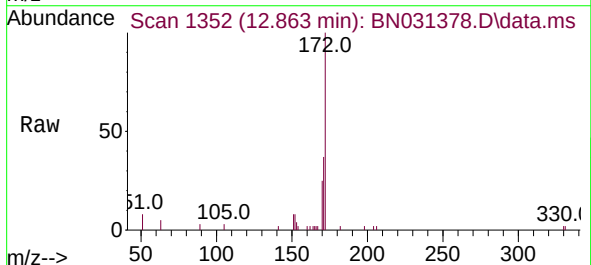
Instrument :
BNA_N
ClientSampleId :



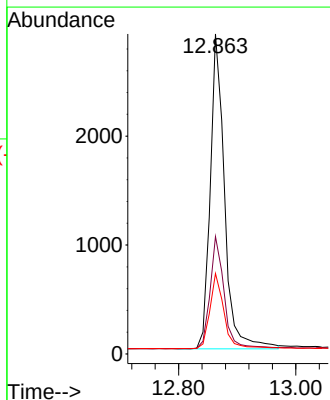
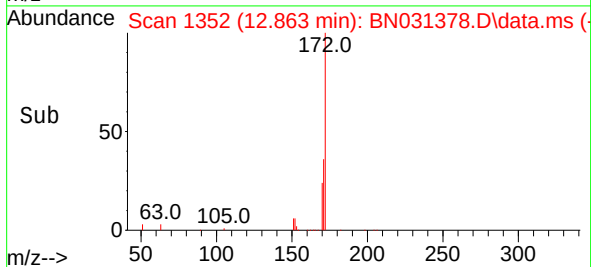
Tgt Ion:330 Resp: 436
Ion Ratio Lower Upper
330 100
332 98.6 74.2 111.2
141 56.2 37.2 55.8#

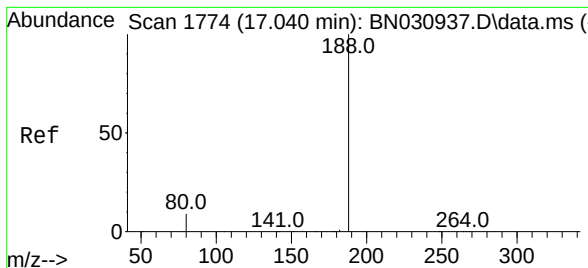


#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.863 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14



Tgt Ion:172 Resp: 4903
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 25.2 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 1

Delta R.T. -0.000 min

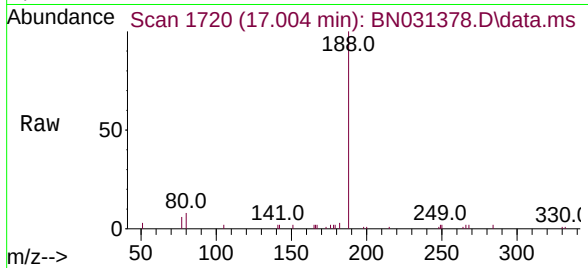
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Acq: 02 May 2024 19:14

Instrument :

BNA_N

ClientSampleId :



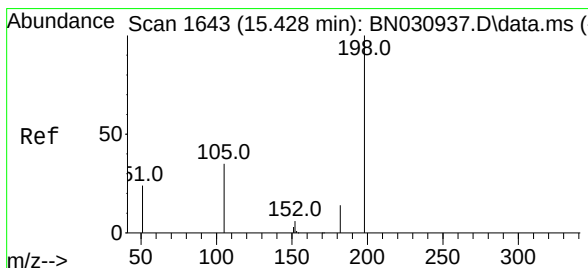
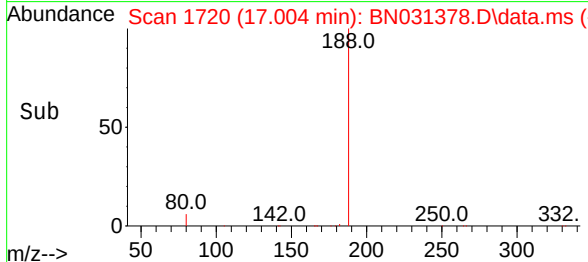
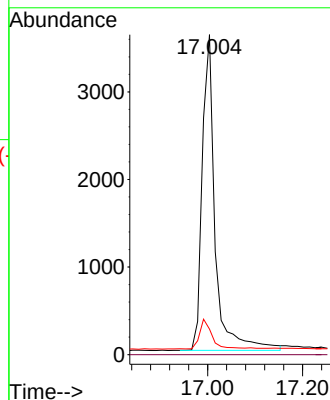
Tgt Ion:188 Resp: 6800

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.418 min Scan# 1591

Delta R.T. 0.021 min

Lab File: BN031378.D

Acq: 02 May 2024 19:14

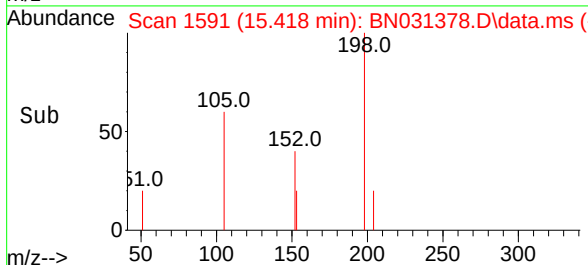
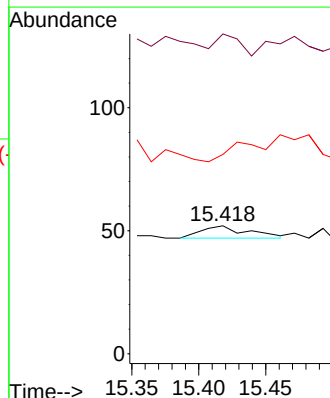
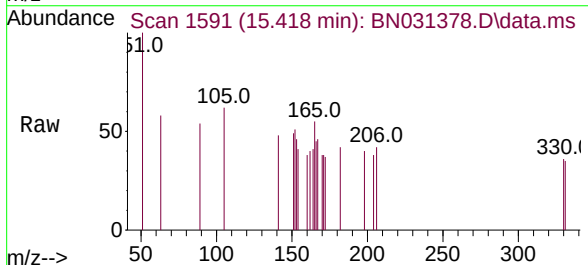
Tgt Ion:198 Resp: 12

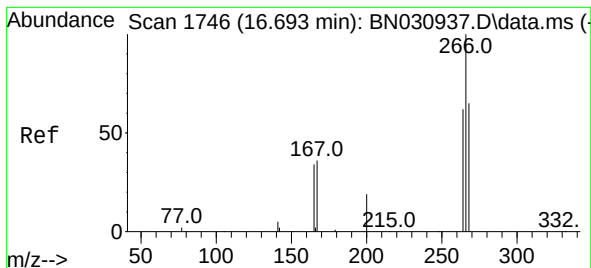
Ion Ratio Lower Upper

198 100

51 250.0 65.2 97.8#

105 155.8 41.0 61.4#

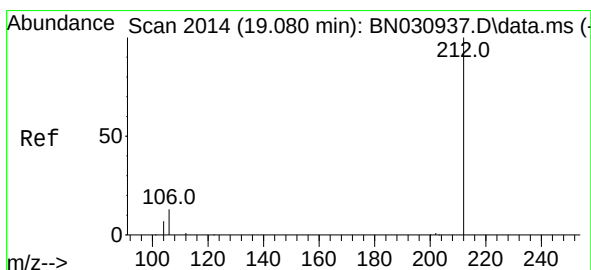
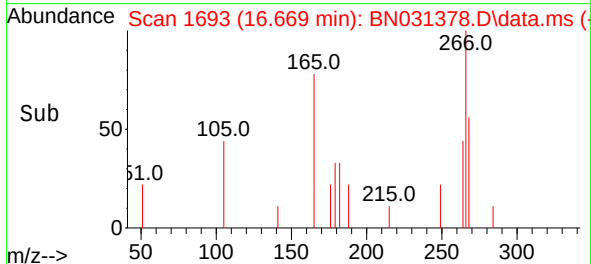
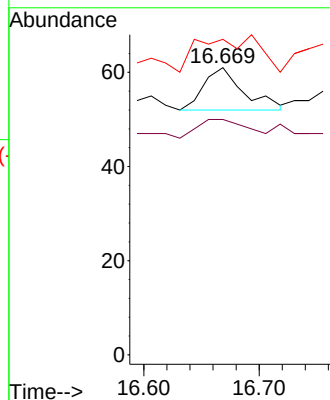
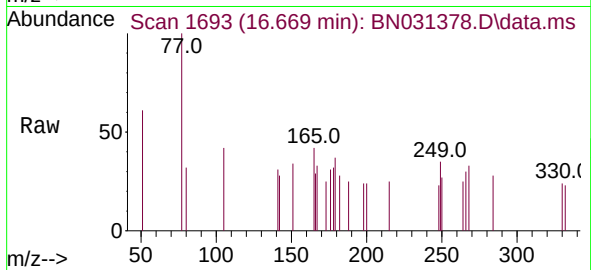




#24
 Pentachlorophenol
 Concen: 0.139 ng
 RT: 16.669 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BN031378.D
 Acq: 02 May 2024 19:14

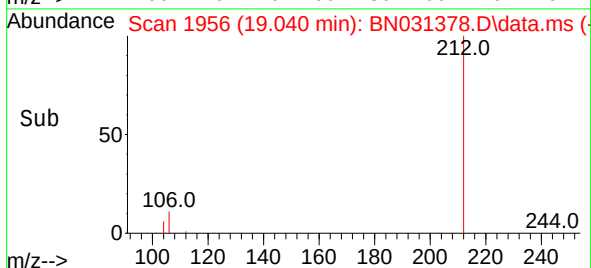
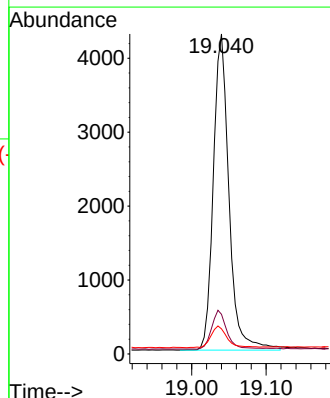
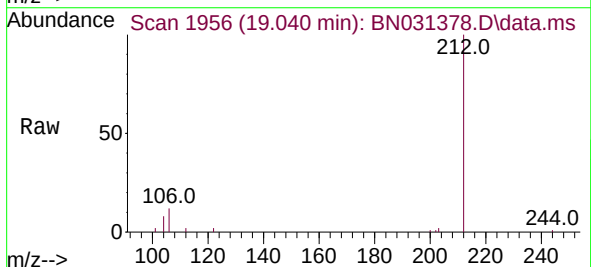
Instrument :
 BNA_N
 ClientSampleId :

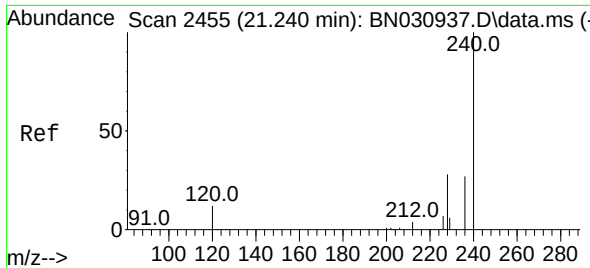
Tgt Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.2 75.2#
 268 0.0 52.3 78.5#



#27
 Fluoranthene-d10
 Concen: 0.341 ng
 RT: 19.040 min Scan# 1956
 Delta R.T. 0.005 min
 Lab File: BN031378.D
 Acq: 02 May 2024 19:14

Tgt Ion:212 Resp: 6250
 Ion Ratio Lower Upper
 212 100
 106 11.9 12.0 18.0#
 104 7.0 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.202 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BN031378.D

Acq: 02 May 2024 19:14

Instrument :

BNA_N

ClientSampleId :

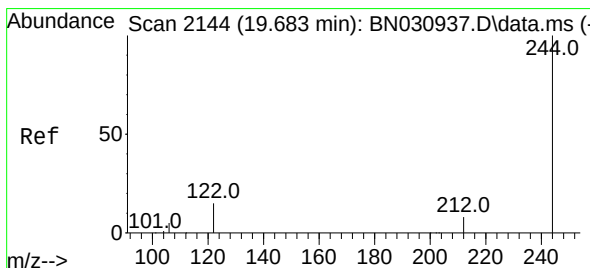
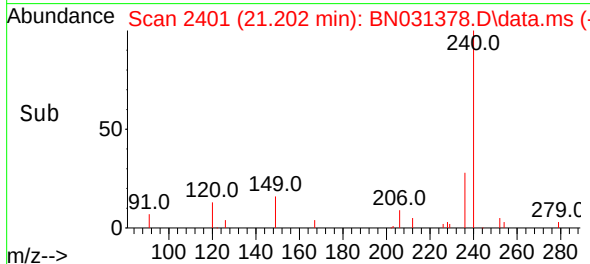
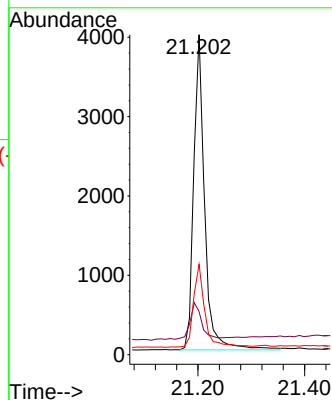
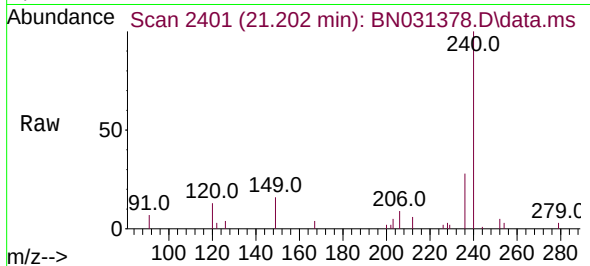
Tgt Ion:240 Resp: 5676

Ion Ratio Lower Upper

240 100

120 13.5 11.0 16.4

236 28.3 22.3 33.5



#31

Terphenyl-d14

Concen: 0.382 ng

RT: 19.644 min Scan# 2086

Delta R.T. -0.000 min

Lab File: BN031378.D

Acq: 02 May 2024 19:14

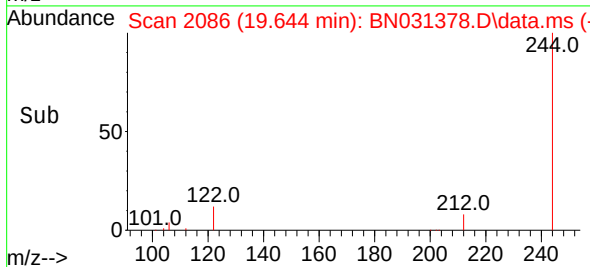
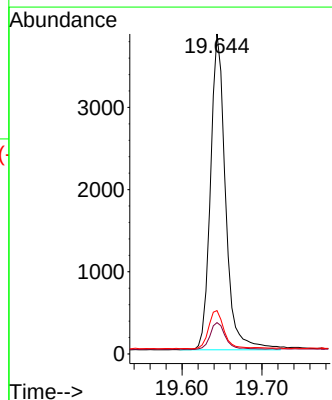
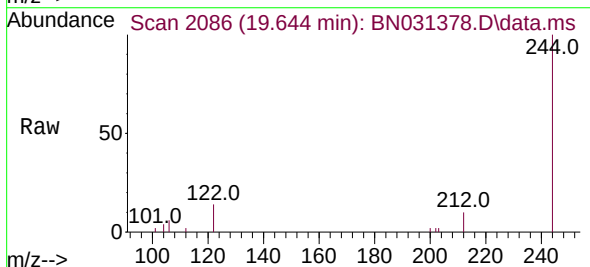
Tgt Ion:244 Resp: 5032

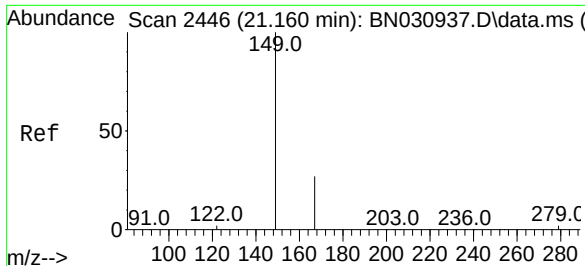
Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

122 13.5 12.7 19.1

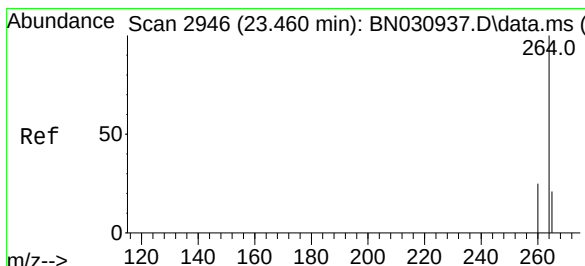
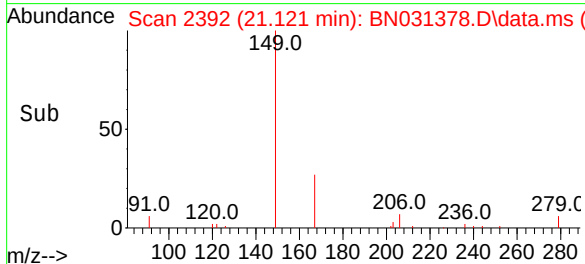
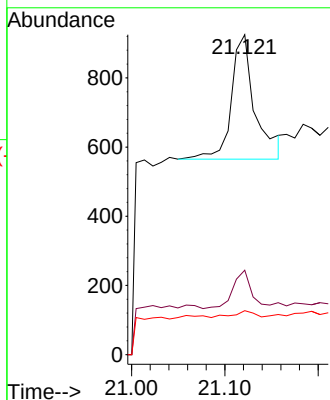
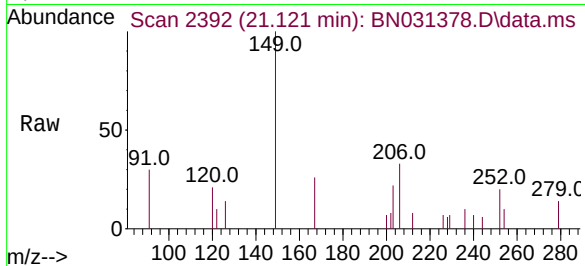




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.121 min Scan# 2446
 Delta R.T. -0.000 min
 Lab File: BN031378.D
 Acq: 02 May 2024 19:14

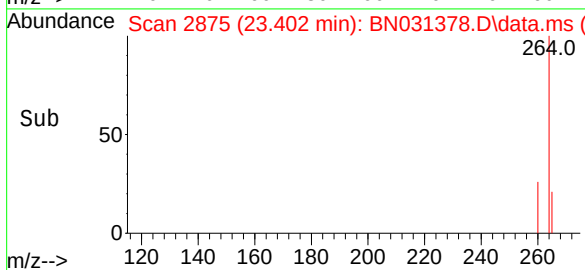
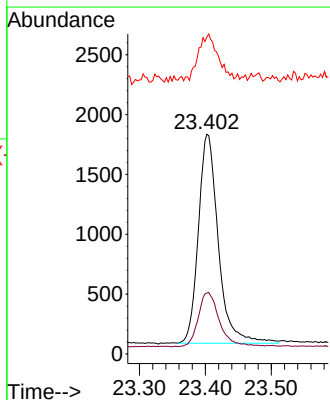
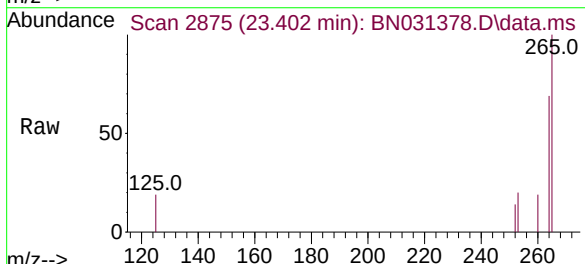
Instrument :
 BNA_N
 ClientSampleId :

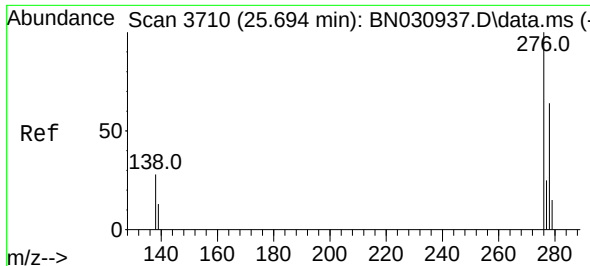
Tgt Ion:149 Resp: 637
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.0 31.4
 279 5.0 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.402 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BN031378.D
 Acq: 02 May 2024 19:14

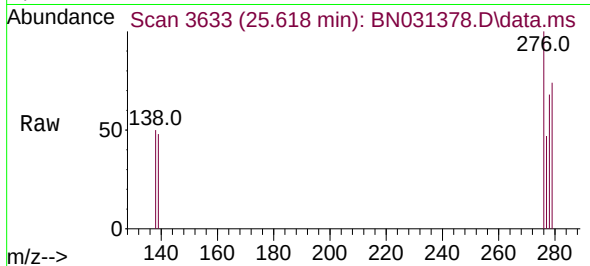
Tgt Ion:264 Resp: 3681
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.6 31.0
 265 144.3 53.3 79.9#



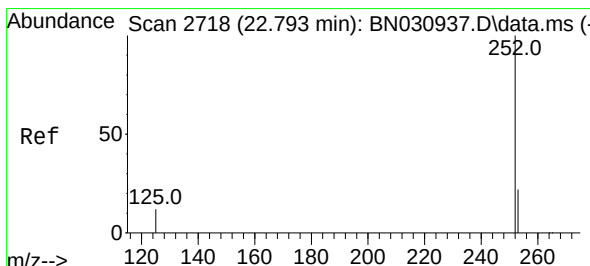
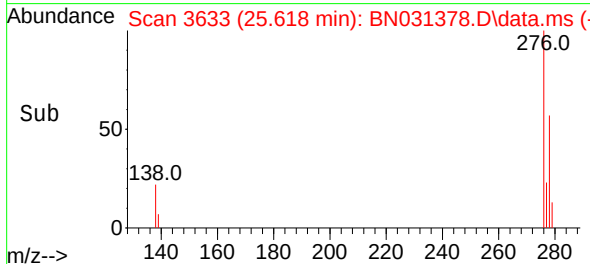
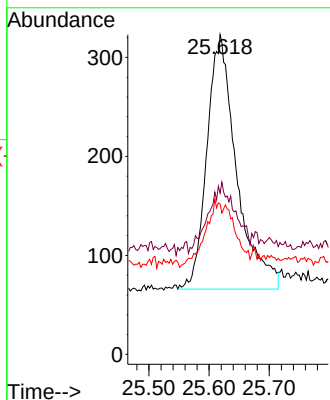


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 25.618 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Instrument :
BNA_N
ClientSampleId :

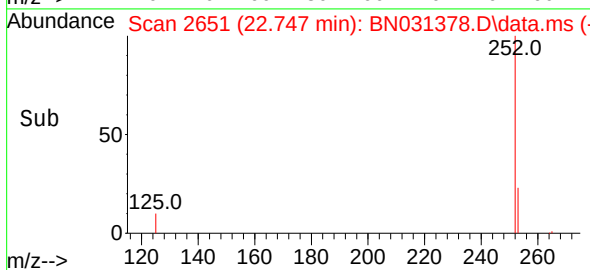
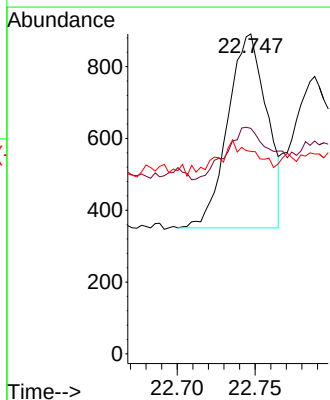
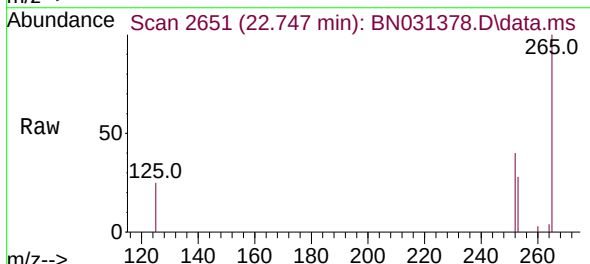


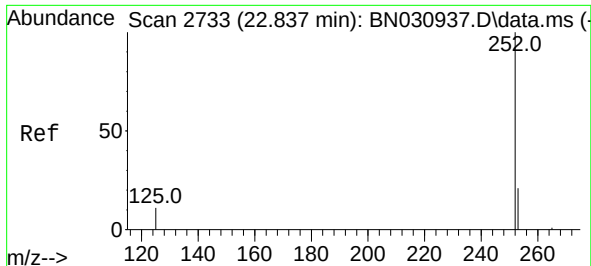
Tgt Ion:276 Resp: 878
Ion Ratio Lower Upper
276 100
138 22.9 23.1 34.7#
277 14.7 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 0.062 ng
RT: 22.747 min Scan# 2651
Delta R.T. -0.000 min
Lab File: BN031378.D
Acq: 02 May 2024 19:14

Tgt Ion:252 Resp: 940
Ion Ratio Lower Upper
252 100
253 70.5 20.2 30.2#
125 63.3 13.4 20.2#





#38

Benzo(k)fluoranthene

Concen: 0.050 ng

RT: 22.788 min Scan# 2

Delta R.T. -0.003 min

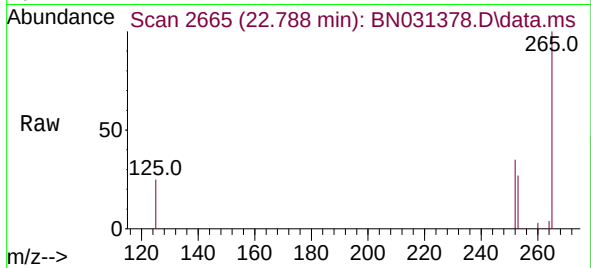
Lab File: BN031378.D

Acq: 02 May 2024 19:14

Instrument :

BNA_N

ClientSampleId :



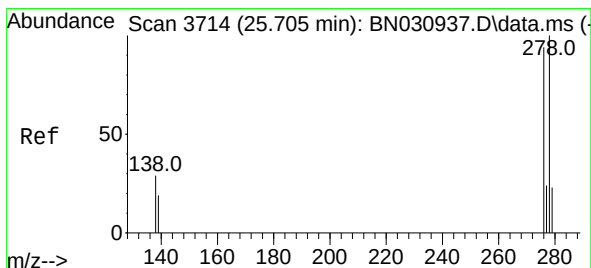
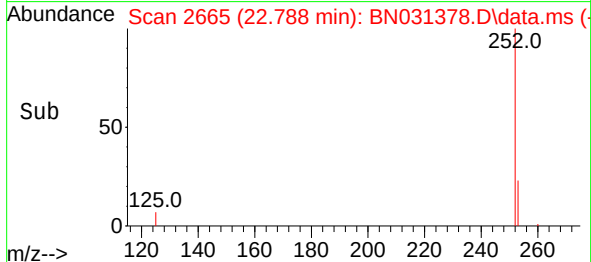
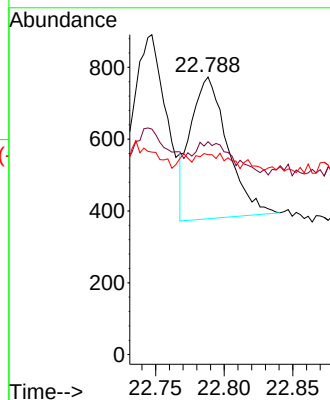
Tgt Ion:252 Resp: 740

Ion Ratio Lower Upper

252 100

253 76.7 19.9 29.9#

125 72.1 13.2 19.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.045 ng

RT: 25.633 min Scan# 3638

Delta R.T. -0.000 min

Lab File: BN031378.D

Acq: 02 May 2024 19:14

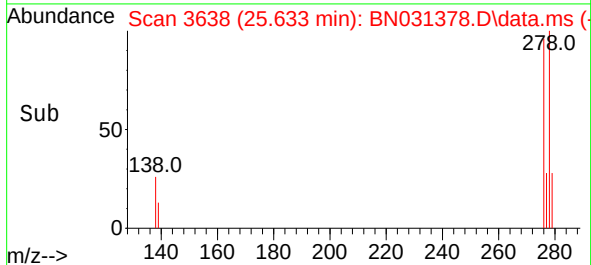
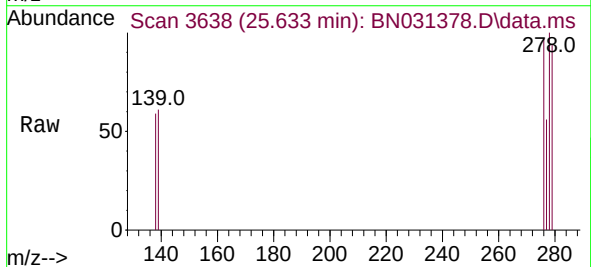
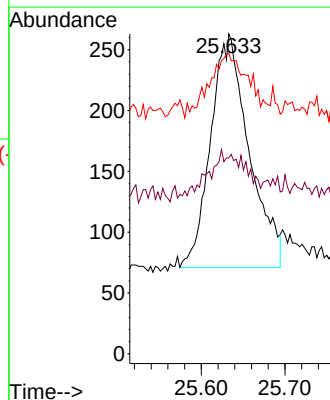
Tgt Ion:278 Resp: 613

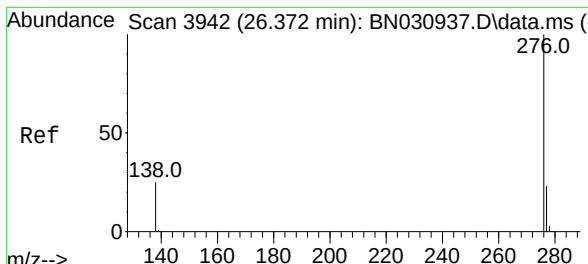
Ion Ratio Lower Upper

278 100

139 61.2 16.3 24.5#

279 93.9 20.6 31.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.049 ng
 RT: 26.288 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN031378.D
 Acq: 02 May 2024 19:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 276 Resp: 744

Ion	Ratio	Lower	Upper
276	100		
277	48.8	19.4	29.2#
138	54.0	21.0	31.4#

