

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
 Data File : BN022004.D
 Acq On : 04 Oct 2022 11:49
 Operator : CG/JU
 Sample : N4933-05DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 23:04:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

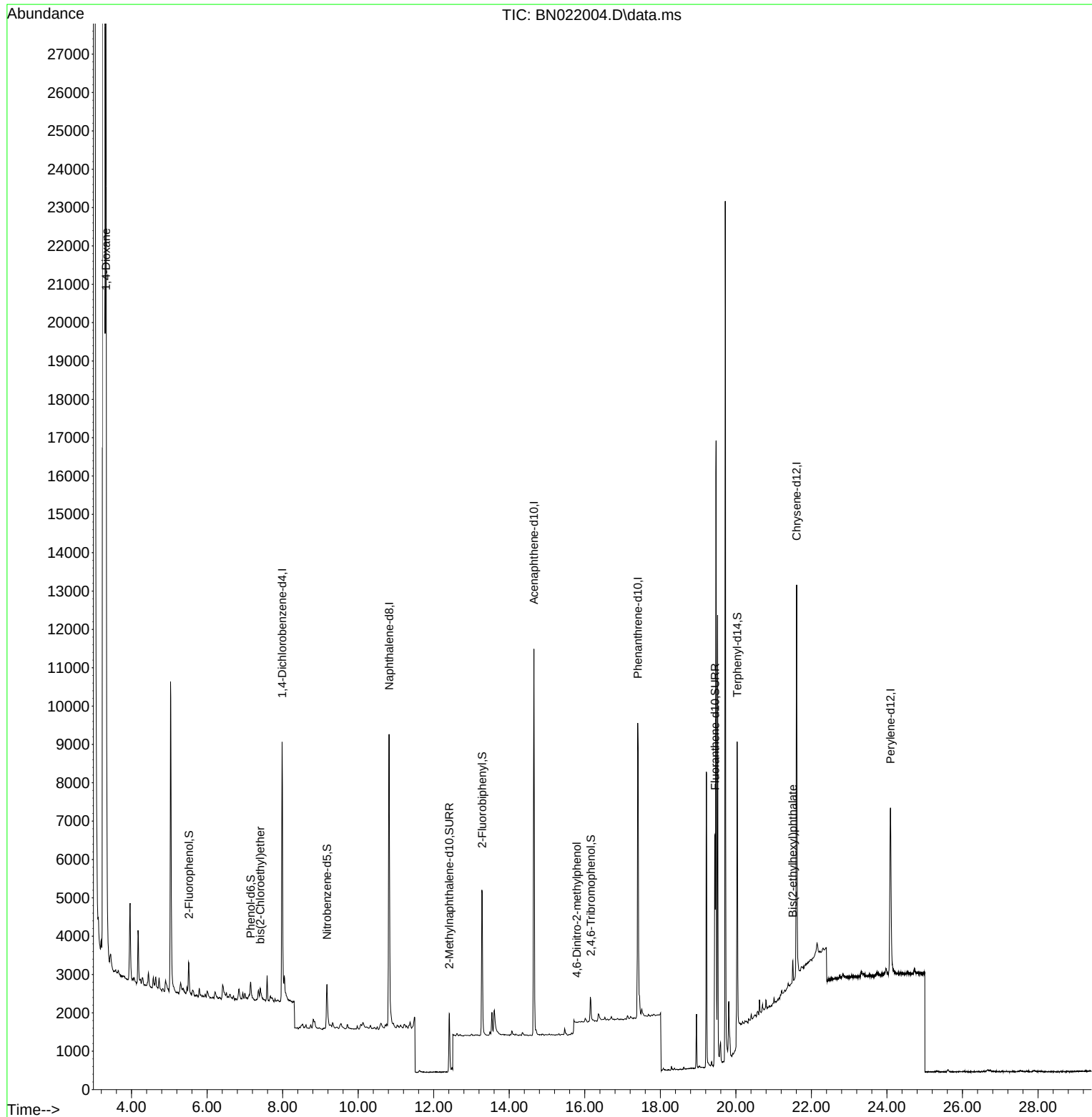
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	3566	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11093	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	5835	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12072	0.400	ng	#-0.01
29) Chrysene-d12	21.609	240	9686	0.400	ng	0.00
35) Perylene-d12	24.093	264	7221	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	809	0.098	ng	0.00
5) Phenol-d6	7.155	99	713	0.067	ng	0.00
8) Nitrobenzene-d5	9.172	82	1416	0.159	ng	0.01
11) 2-Methylnaphthalene-d10	12.410	152	3095	0.152	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	426	0.191	ng	0.01
15) 2-Fluorobiphenyl	13.285	172	4087	0.160	ng	0.00
27) Fluoranthene-d10	19.445	212	7268	0.226	ng	0.00
31) Terphenyl-d14	20.033	244	5190	0.267	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.320	88	18300	3.965	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.408	93	249	0.022	ng	94
20) 4,6-Dinitro-2-methylph...	15.786	198	4	0.194	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	721	0.041	ng	# 99

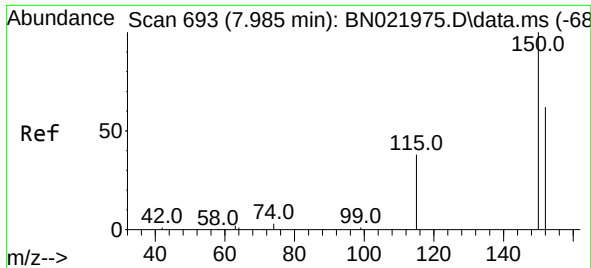
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
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Sample : N4933-05DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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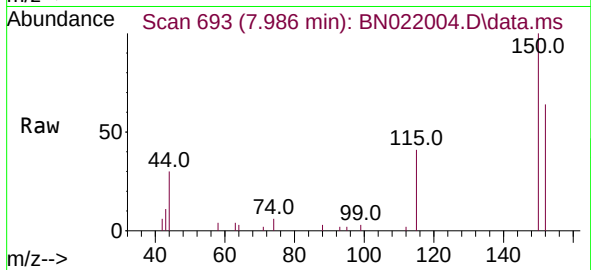
Quant Time: Oct 04 23:04:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
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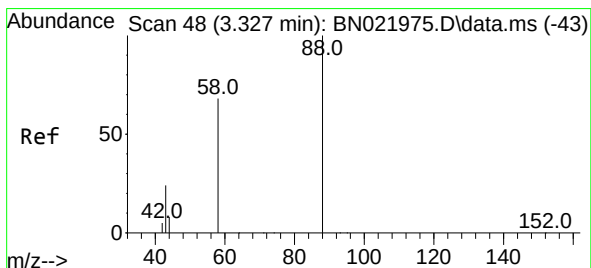
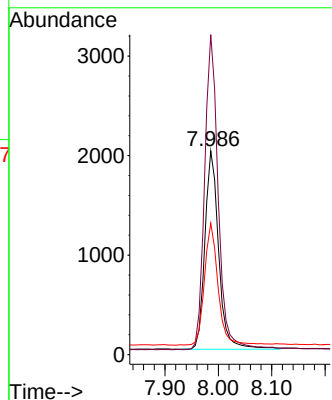
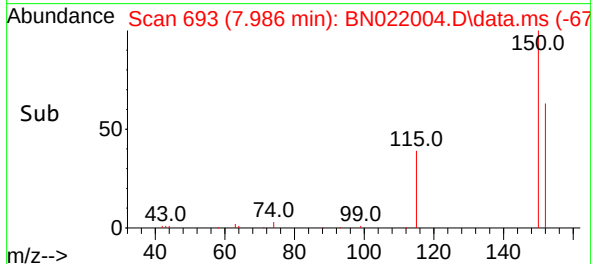


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.986 min Scan# 69
 Delta R.T. 0.001 min
 Lab File: BN022004.D
 Acq: 04 Oct 2022 11:49

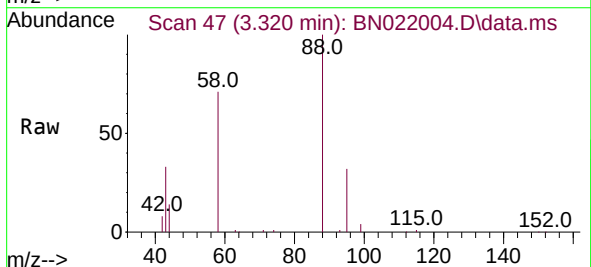
Instrument :
 BNA_N
 ClientSampleId :



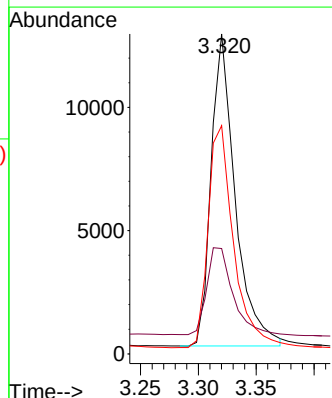
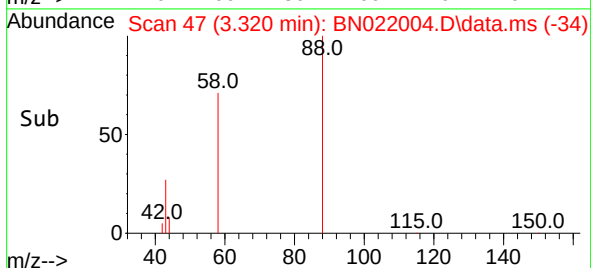
Tgt Ion:152 Resp: 3566
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.2 190.8
 115 64.5 51.4 77.0

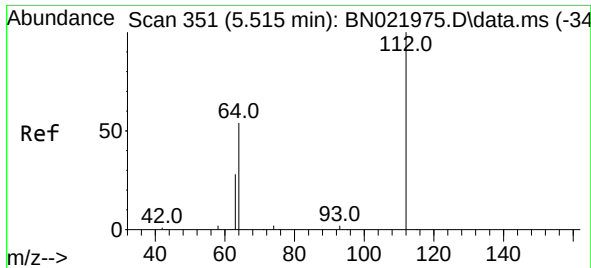


#2
 1,4-Dioxane
 Concen: 3.965 ng
 RT: 3.320 min Scan# 47
 Delta R.T. -0.007 min
 Lab File: BN022004.D
 Acq: 04 Oct 2022 11:49



Tgt Ion: 88 Resp: 18300
 Ion Ratio Lower Upper
 88 100
 43 30.0 22.6 34.0
 58 75.3 58.6 88.0

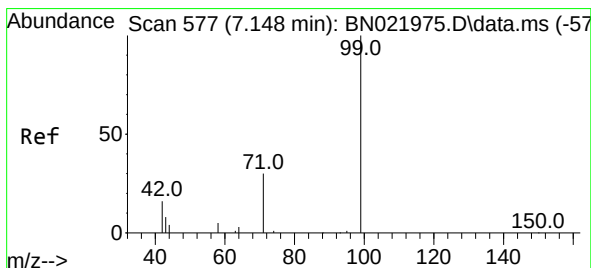
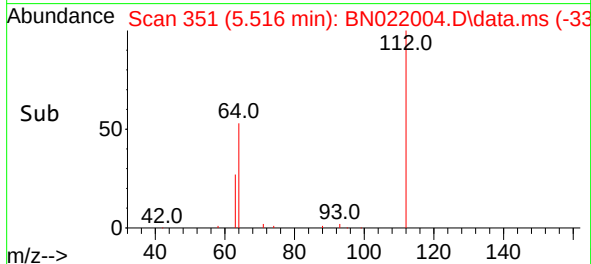
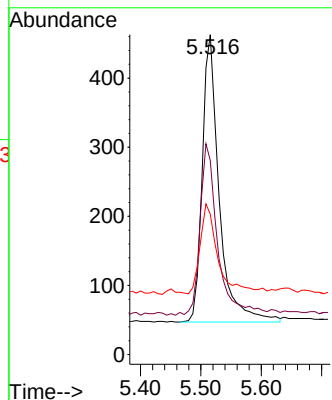
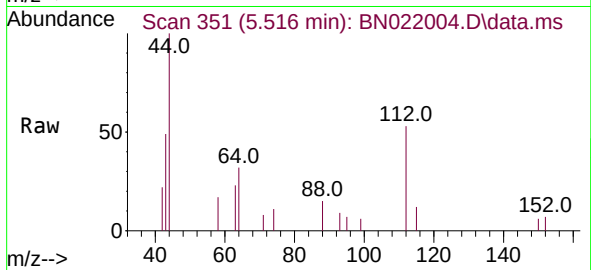




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.516 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

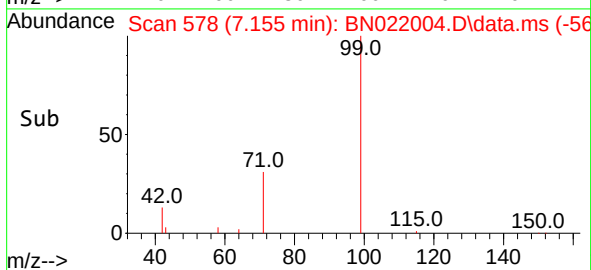
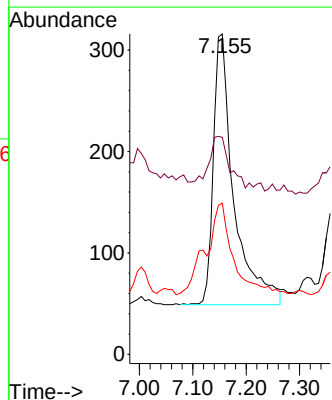
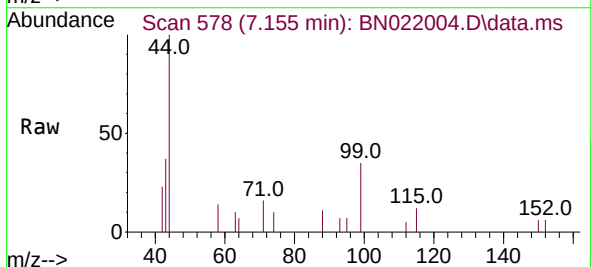
Instrument :
BNA_N
ClientSampleId :

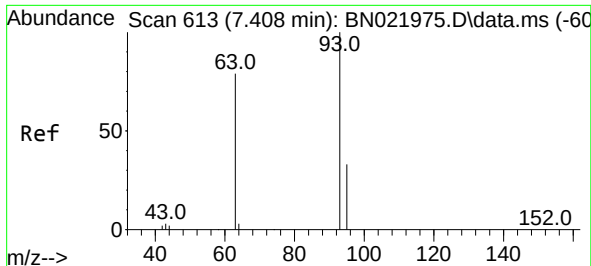
Tgt Ion:112 Resp: 809
Ion Ratio Lower Upper
112 100
64 61.8 46.9 70.3
63 31.5 24.6 37.0



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.155 min Scan# 578
Delta R.T. 0.007 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion: 99 Resp: 713
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 45.2 25.6 38.4#

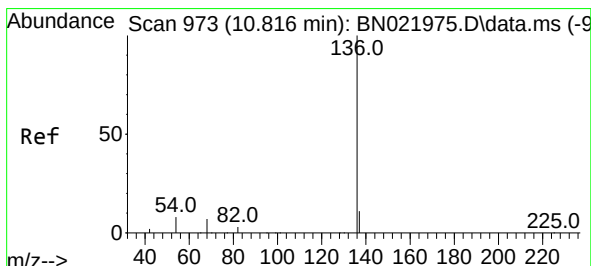
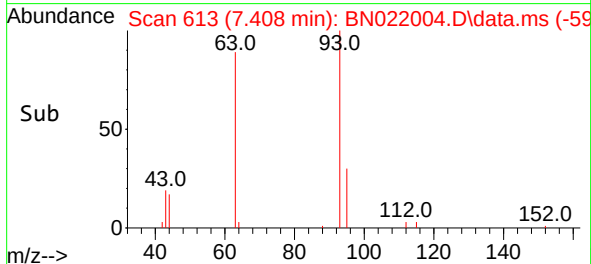
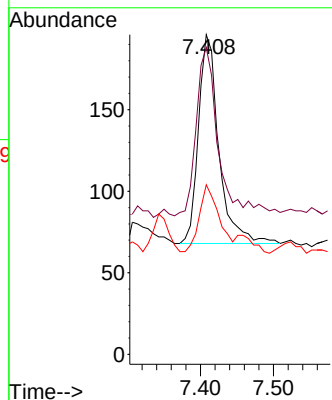
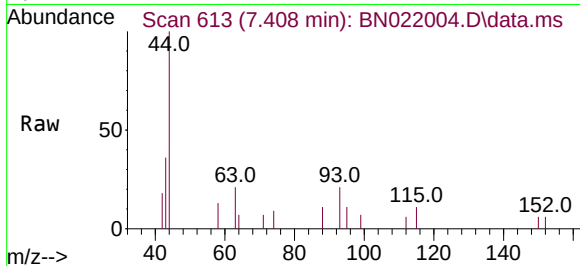




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.408 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

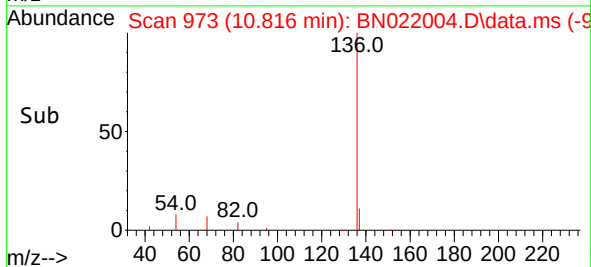
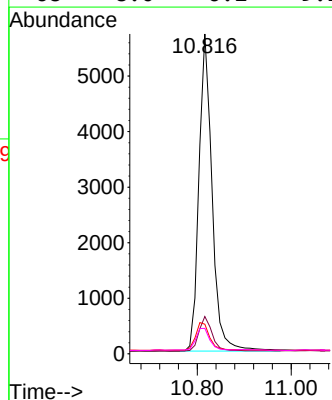
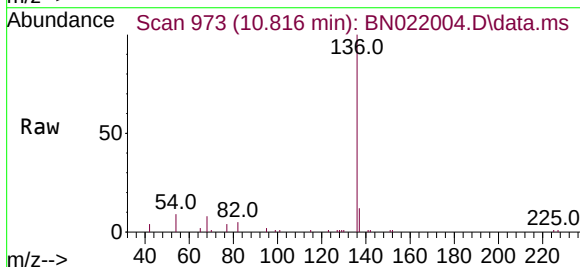
Instrument :
BNA_N
ClientSampleId :

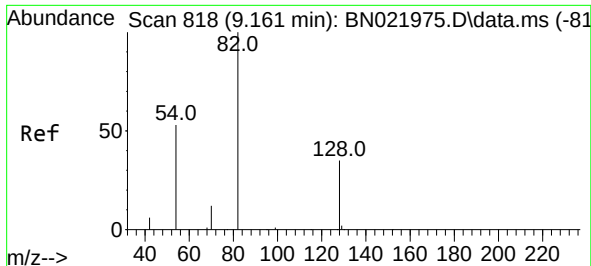
Tgt Ion: 93 Resp: 249
Ion Ratio Lower Upper
93 100
63 87.1 64.8 97.2
95 30.5 26.6 40.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion:136 Resp: 11093
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.3 7.1 10.7
68 8.0 6.2 9.2

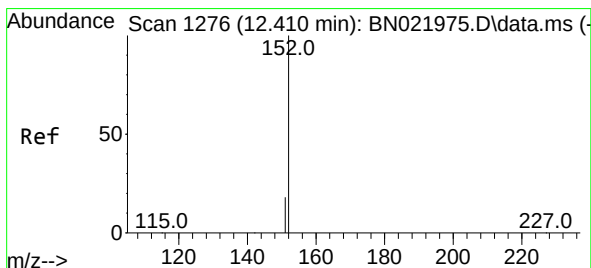
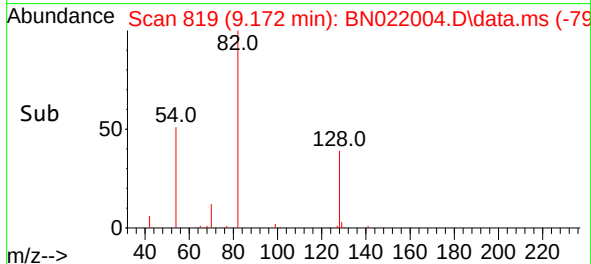
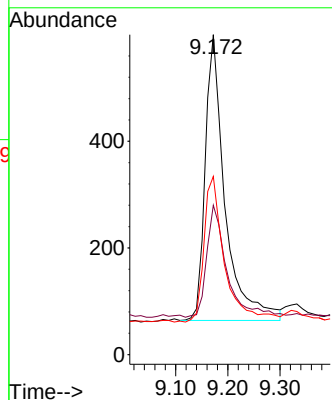
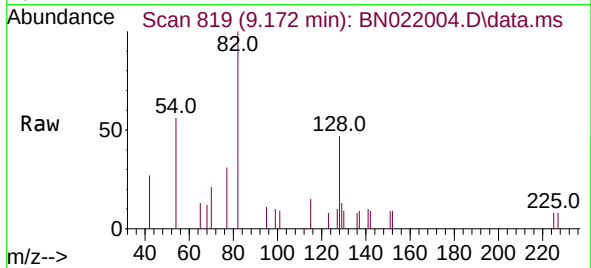




#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 9.172 min Scan# 818
Delta R.T. 0.011 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

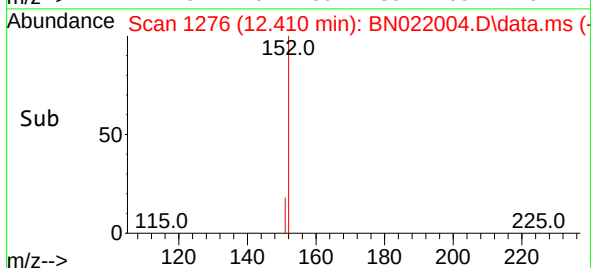
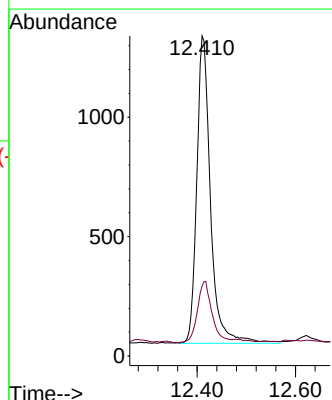
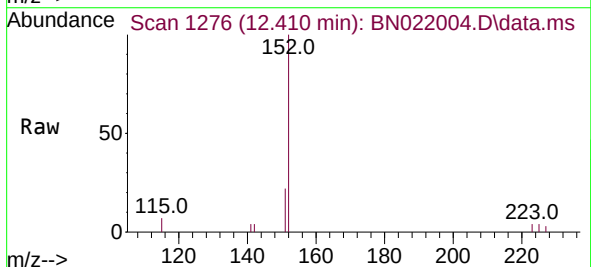
Instrument :
BNA_N
ClientSampleId :

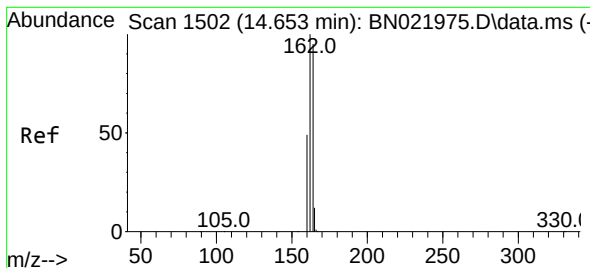
Tgt Ion: 82 Resp: 1416
Ion Ratio Lower Upper
82 100
128 46.7 29.9 44.9#
54 55.7 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 12.410 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion: 152 Resp: 3095
Ion Ratio Lower Upper
152 100
151 17.2 13.8 20.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.653 min Scan# 1502

Delta R.T. 0.000 min

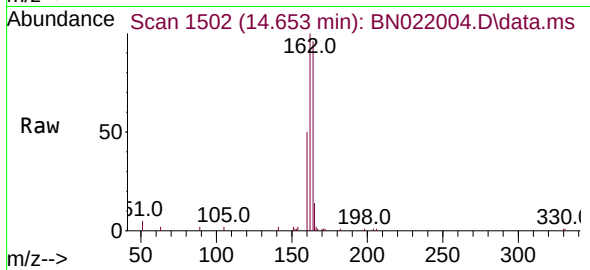
Lab File: BN022004.D

Acq: 04 Oct 2022 11:49

Instrument :

BNA_N

ClientSampleId :



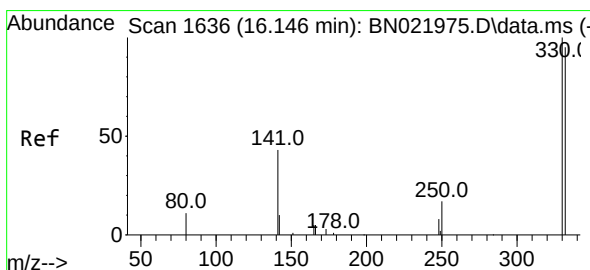
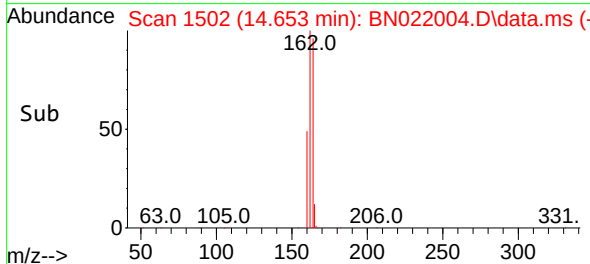
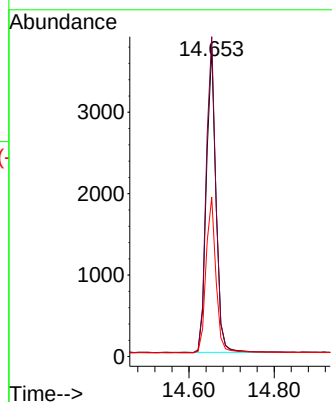
Tgt Ion:164 Resp: 5835

Ion Ratio Lower Upper

164 100

162 103.8 84.3 126.5

160 51.7 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.191 ng

RT: 16.159 min Scan# 1637

Delta R.T. 0.013 min

Lab File: BN022004.D

Acq: 04 Oct 2022 11:49

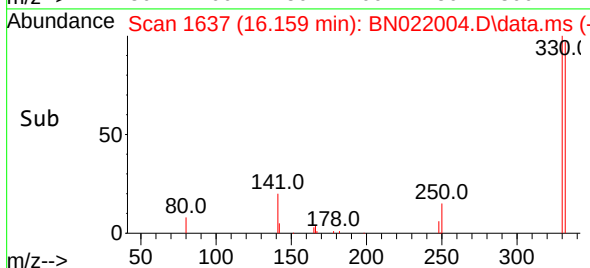
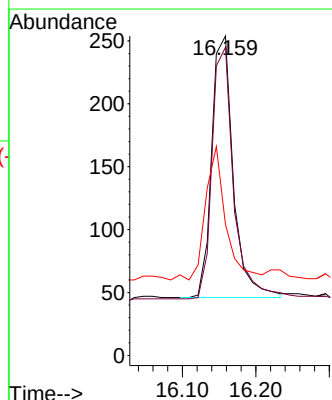
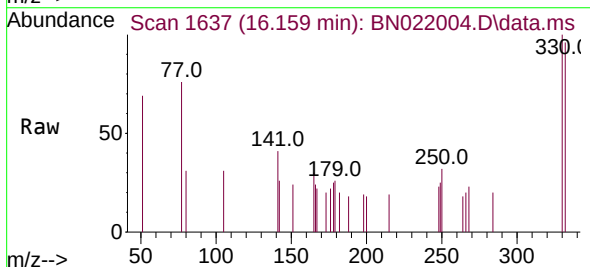
Tgt Ion:330 Resp: 426

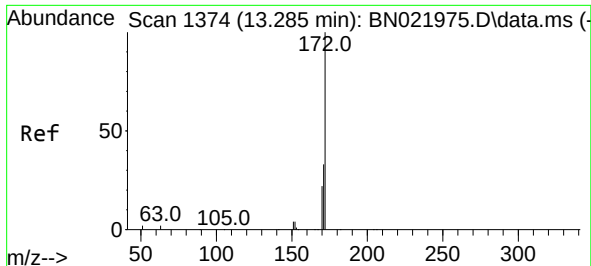
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 47.9 35.3 52.9

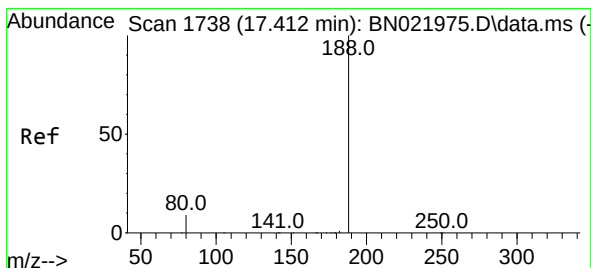
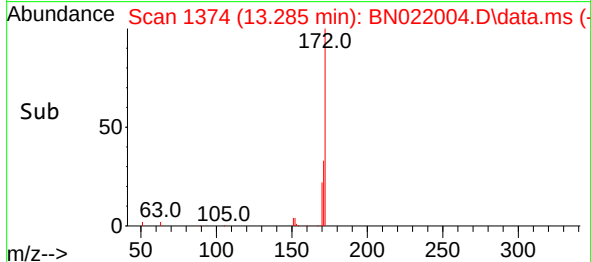
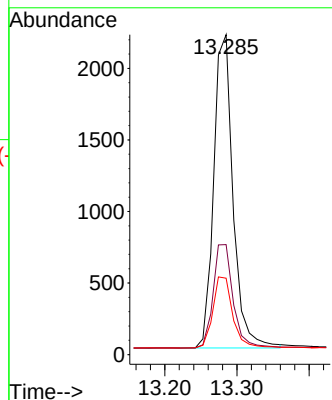
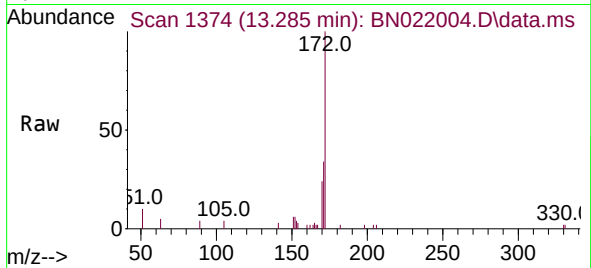




#15
2-Fluorobiphenyl
Concen: 0.160 ng
RT: 13.285 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

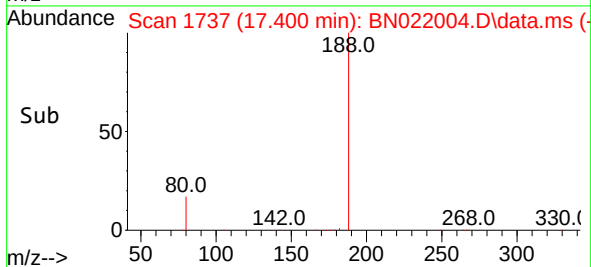
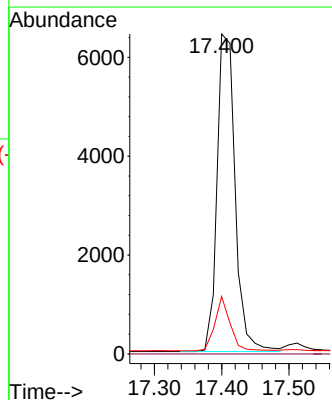
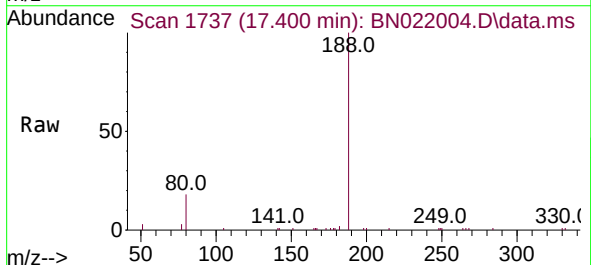
Instrument :
BNA_N
ClientSampleId :

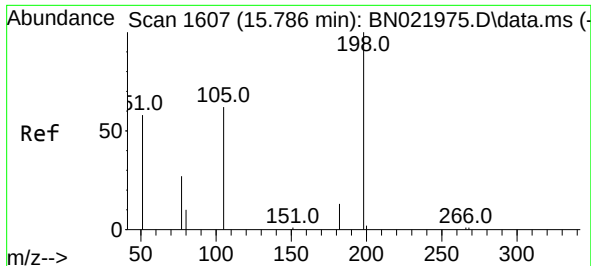
Tgt Ion:172 Resp: 4087
Ion Ratio Lower Upper
172 100
171 34.4 27.2 40.8
170 23.9 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion:188 Resp: 12072
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.9 7.5 11.3#

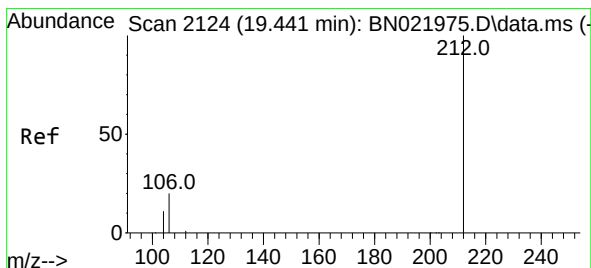
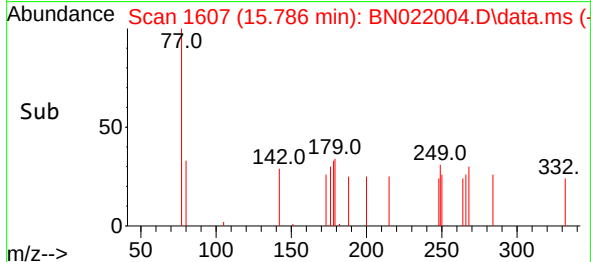
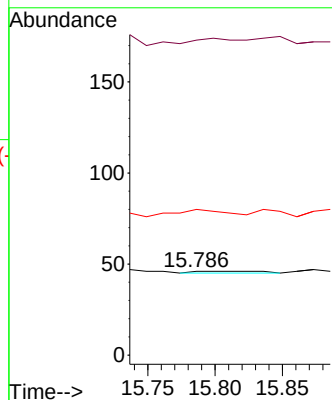
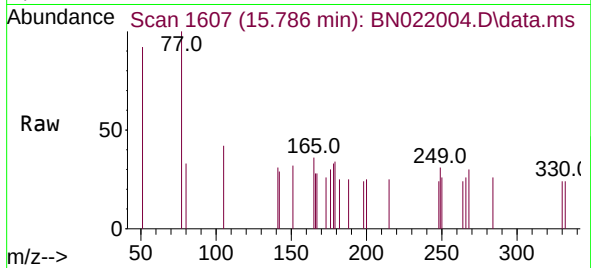




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

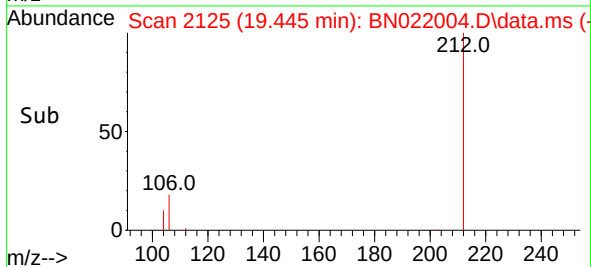
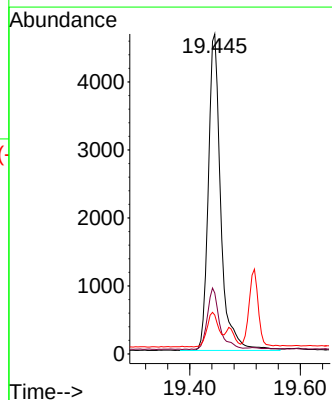
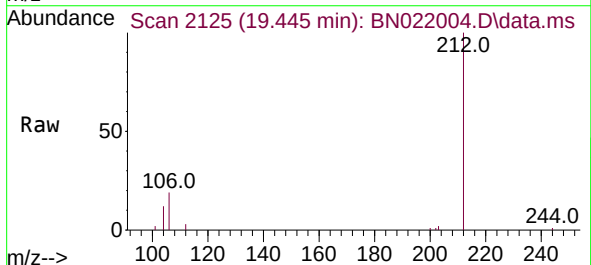
Instrument :
BNA_N
ClientSampleId :

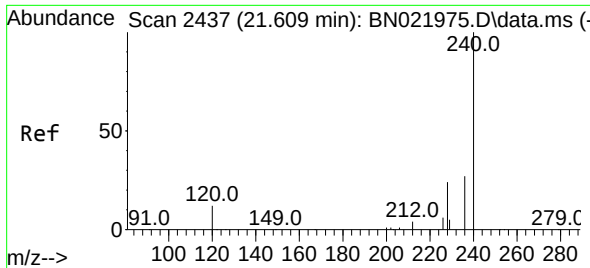
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 376.1 96.6 144.8#
105 173.9 64.4 96.6#



#27
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.445 min Scan# 2125
Delta R.T. 0.004 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion:212 Resp: 7268
Ion Ratio Lower Upper
212 100
106 19.1 15.2 22.8
104 10.5 8.6 13.0

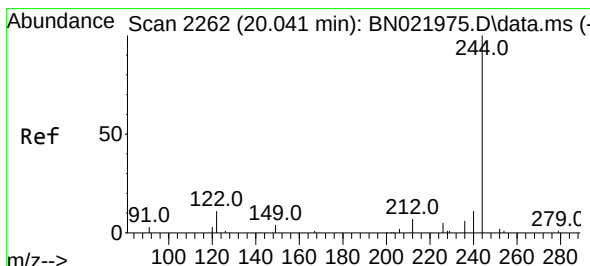
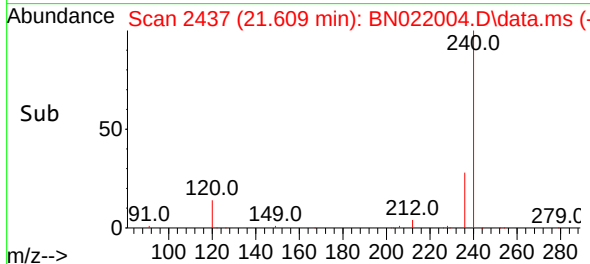
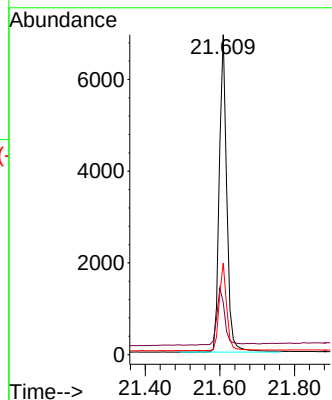
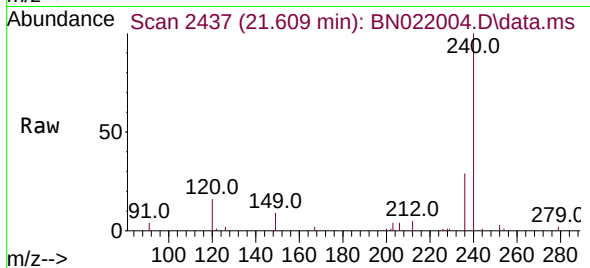




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

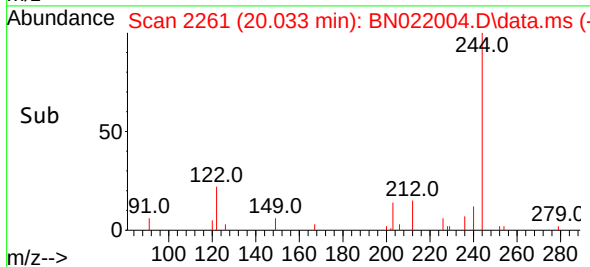
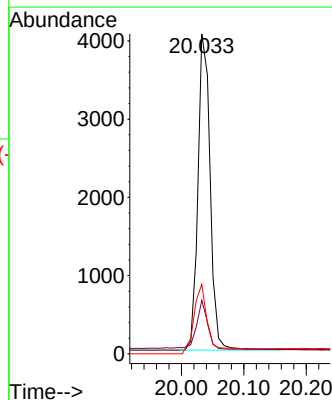
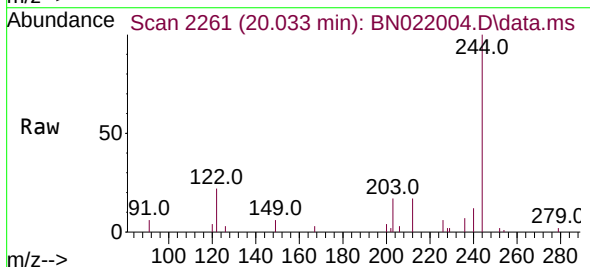
Instrument :
BNA_N
ClientSampleId :

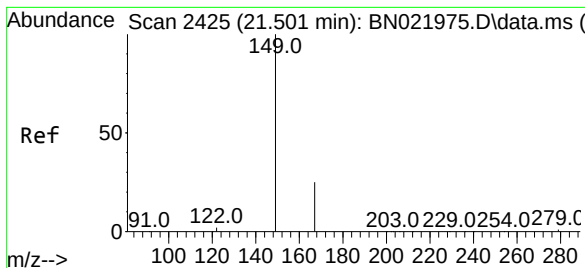
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.3	11.8	17.6
236	28.6	22.4	33.6



#31
Terphenyl-d14
Concen: 0.267 ng
RT: 20.033 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN022004.D
Acq: 04 Oct 2022 11:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	16.7	6.5	9.7#
122	21.7	9.1	13.7#

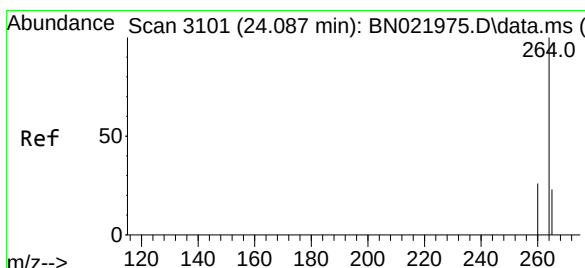
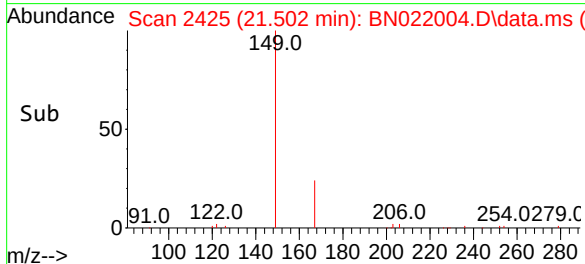
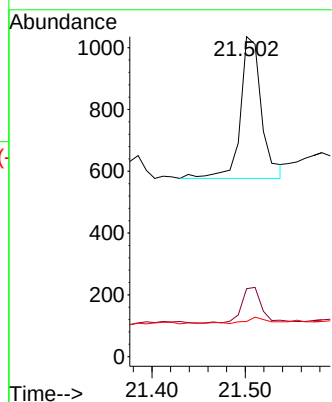
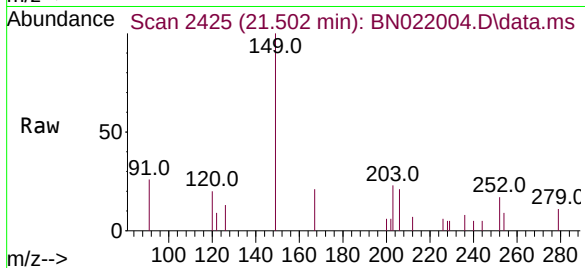




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.502 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN022004.D
 Acq: 04 Oct 2022 11:49

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 721
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 6.1 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.093 min Scan# 3103
 Delta R.T. 0.006 min
 Lab File: BN022004.D
 Acq: 04 Oct 2022 11:49

Tgt Ion:264 Resp: 7221
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.3 31.9
 265 76.2 63.0 94.4

