

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
 Data File : BN028402.D
 Acq On : 26 Oct 2023 17:15
 Operator : MA/JU
 Sample : 05040-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-2

Quant Time: Oct 26 17:56:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270E-Tune.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 02:12:39 2023
 Response via : Initial Calibration

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

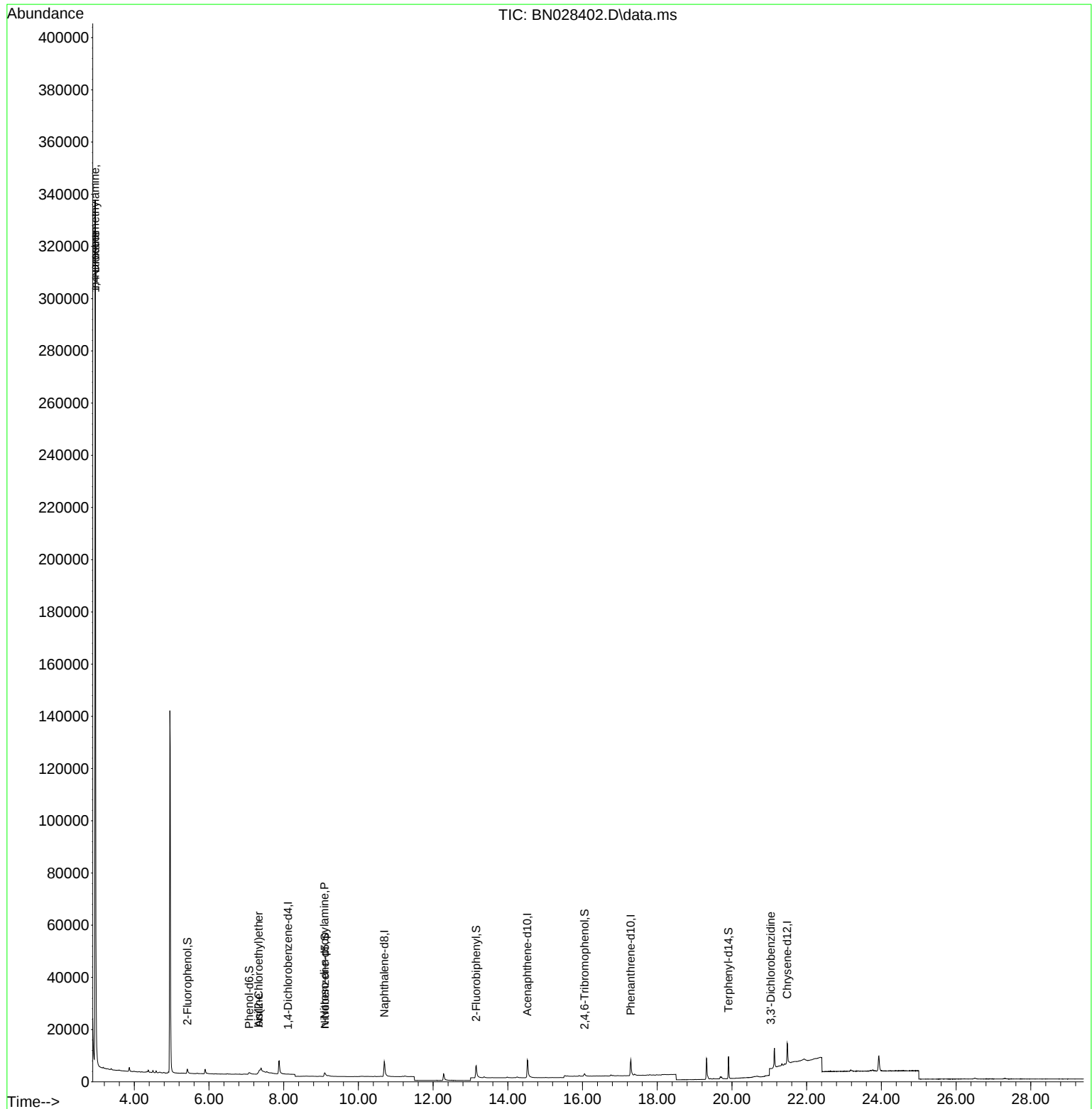
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8	20.000	ng	#-0.02
21) Naphthalene-d8	10.693	136	10812	20.000	ng	#-0.51
39) Acenaphthene-d10	14.523	164	6212	20.000	ng	-0.42
64) Phenanthrene-d10	17.294	188	10969	20.000	ng	#-0.39
76) Chrysene-d12	21.480	240	8324	20.000	ng	#-0.59
86) Perylene-d12	0.000	264	0	0.000	ng	-25.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	2054	4113.185	ng	-0.25
7) Phenol-d6	7.077	99	1903	2701.640	ng	0.17
23) Nitrobenzene-d5	9.102	82	1416	6.967	ng	0.04
42) 2,4,6-Tribromophenol	16.053	330	587	7.166	ng	-0.16
45) 2-Fluorobiphenyl	13.154	172	7666	17.471	ng	-0.21
79) Terphenyl-d14	19.909	244	8711	20.974	ng	-0.74
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.960	88	11233	48209.378	ng	# 1
4) n-Nitrosodimethylamine	2.953	42	31667	91802.165	ng	# 57
6) Aniline	7.329	93	10	11.747	ng	# 45
11) bis(2-Chloroethyl)ether	7.329	93	10	18.454	ng	# 56
19) n-Nitroso-di-n-propyla...	9.091	70	295	610.752	ng	# 37
82) 3,3'-Dichlorobenzidine	21.041	252	661	3.064	ng	# 73

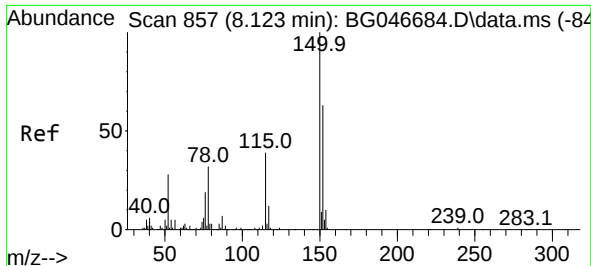
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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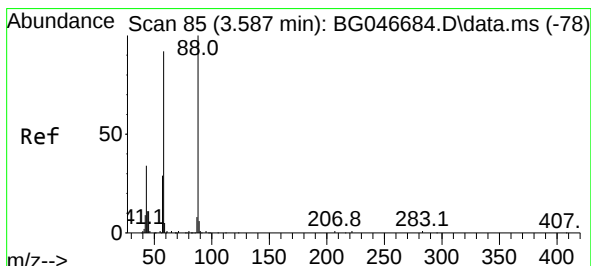
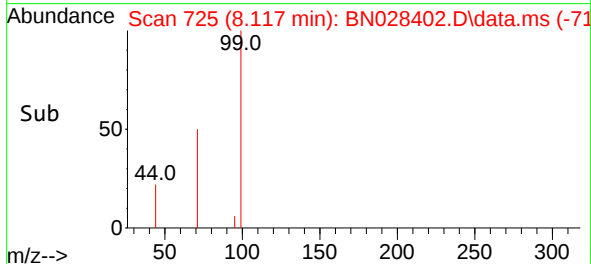
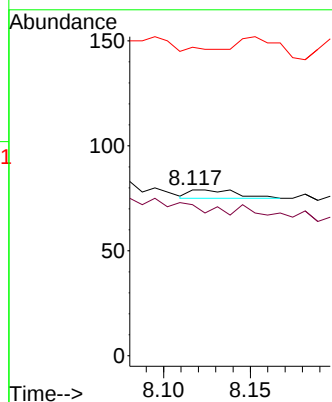
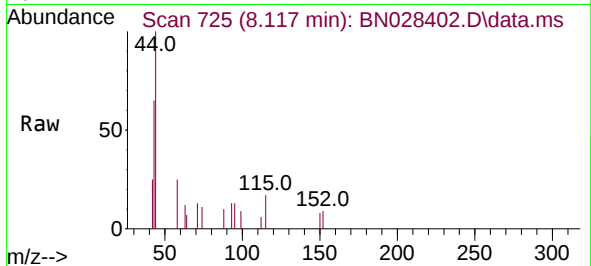




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 71
Delta R.T. -0.017 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

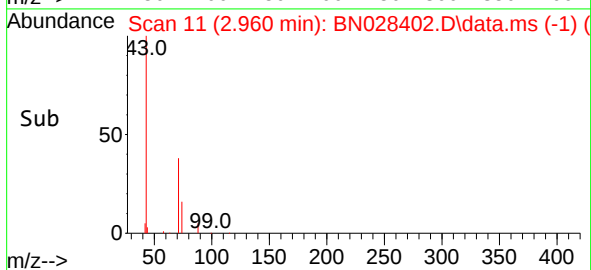
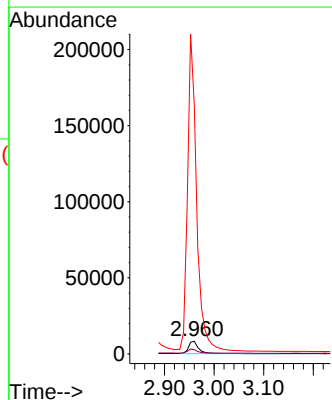
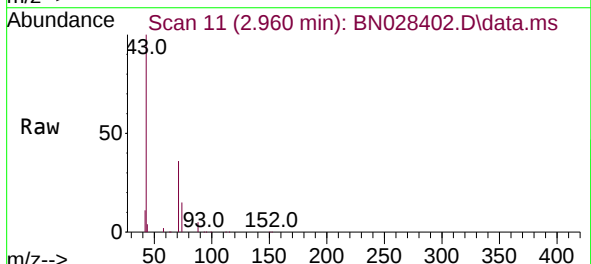
Instrument :
BNA_N
ClientSampleId :
EB-2

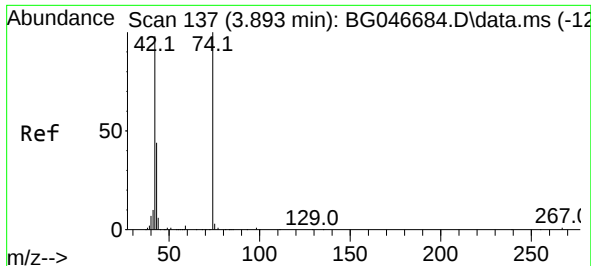
Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
150 91.1 125.0 187.6#
115 186.1 41.8 62.6#



#2
1,4-Dioxane
Concen: 48209.378 ng
RT: 2.960 min Scan# 11
Delta R.T. -0.398 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 88 Resp: 11233
Ion Ratio Lower Upper
88 100
58 34.0 61.6 92.4#
43 2362.3 21.3 31.9#

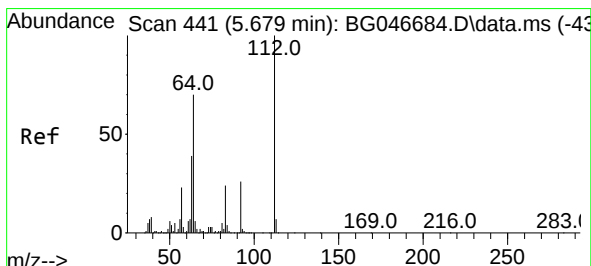
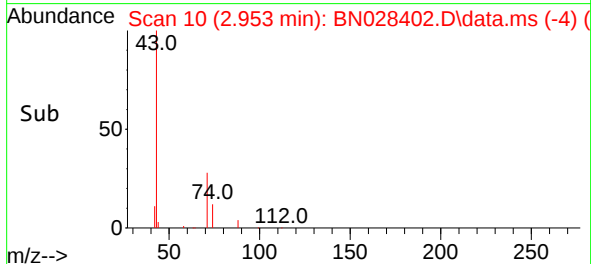
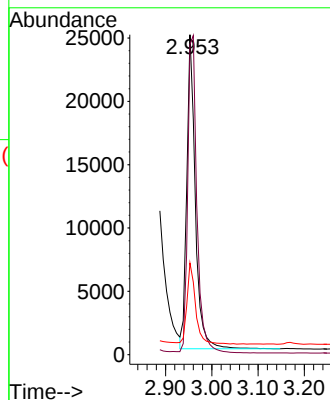
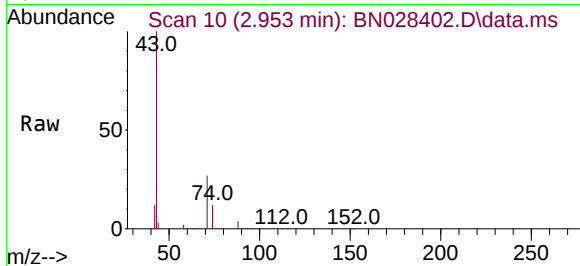




#4
n-Nitrosodimethylamine
Concen: 91802.165 ng
RT: 2.953 min Scan# 10
Delta R.T. -0.487 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

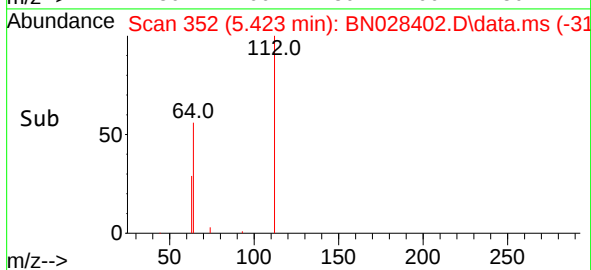
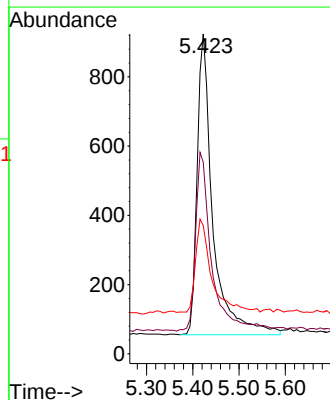
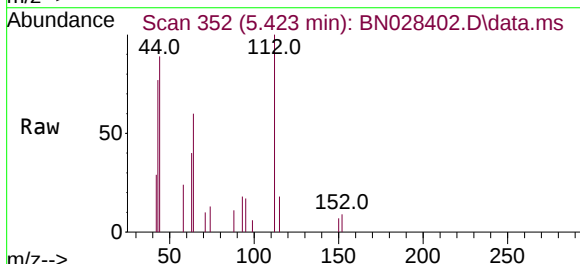
Instrument :
BNA_N
ClientSampleId :
EB-2

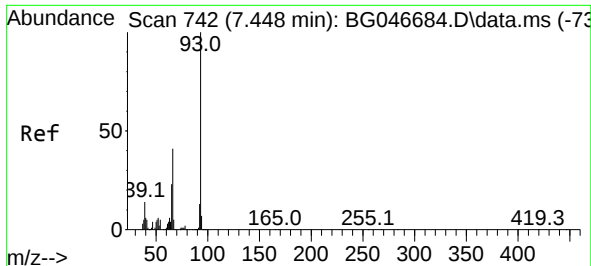
Tgt Ion: 42 Resp: 31667
Ion Ratio Lower Upper
42 100
74 96.9 120.4 180.6#
44 28.6 6.2 9.2#



#5
2-Fluorophenol
Concen: 4113.185 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.252 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 112 Resp: 2054
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 40.2 22.8 34.2#

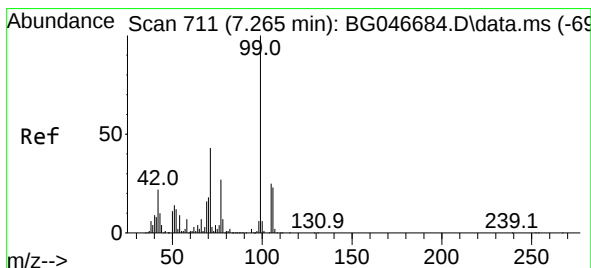
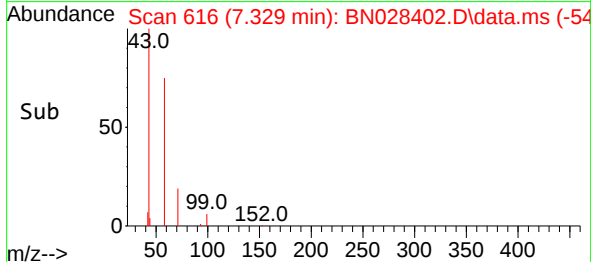
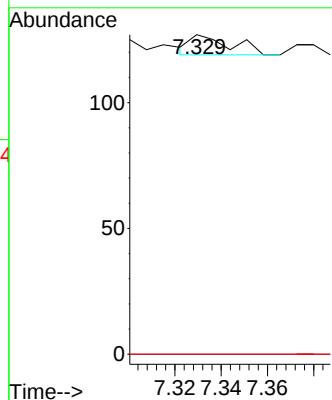
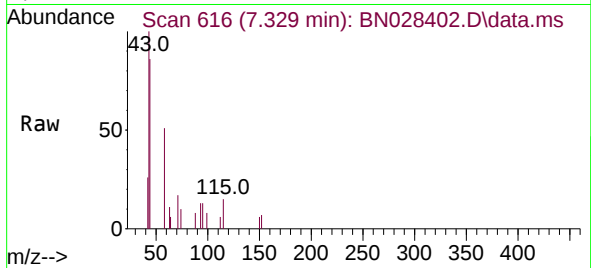




#6
Aniline
Concen: 11.747 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

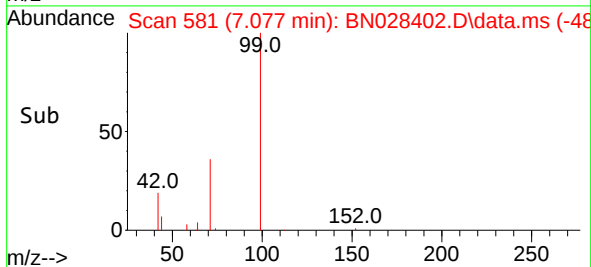
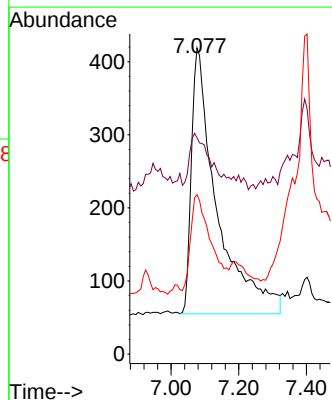
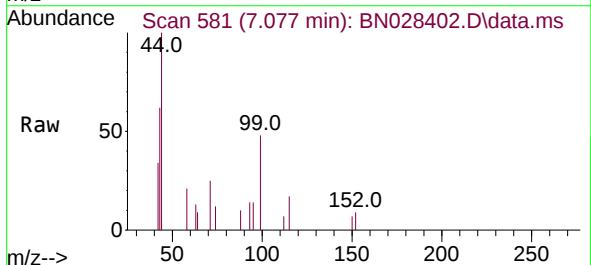
Instrument :
BNA_N
ClientSampleId :
EB-2

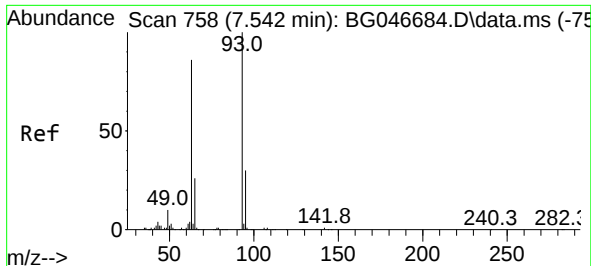
Tgt Ion: 93 Resp: 10
Ion Ratio Lower Upper
93 100
66 0.0 29.5 44.3#
65 0.0 15.5 23.3#



#7
Phenol-d6
Concen: 2701.640 ng
RT: 7.077 min Scan# 581
Delta R.T. 0.172 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 99 Resp: 1903
Ion Ratio Lower Upper
99 100
42 70.6 12.8 19.2#
71 52.0 24.6 36.8#

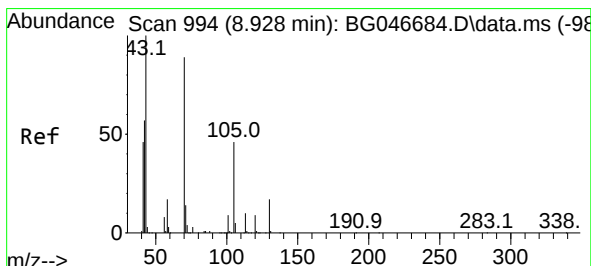
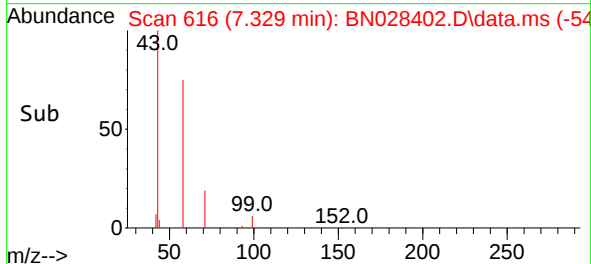
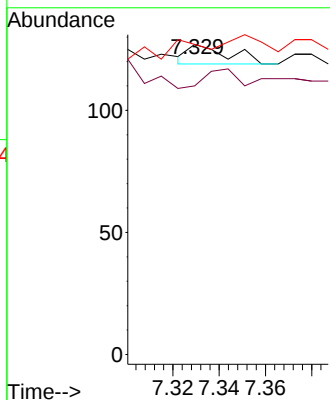
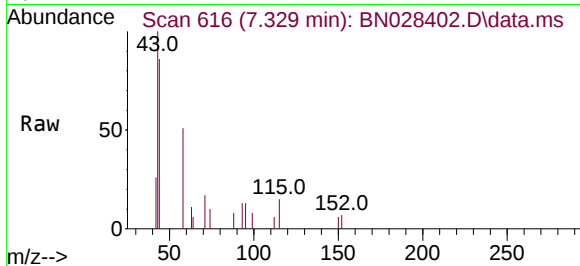




#11
bis(2-Chloroethyl)ether
Concen: 18.454 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

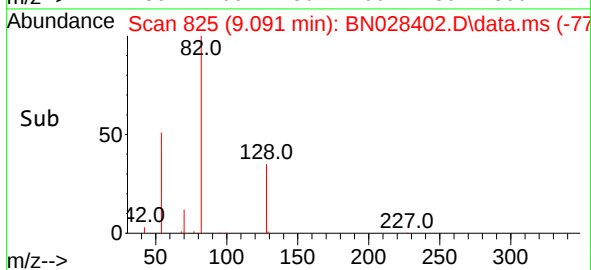
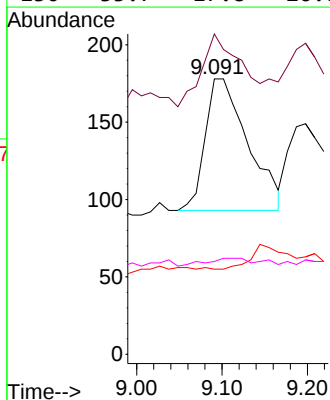
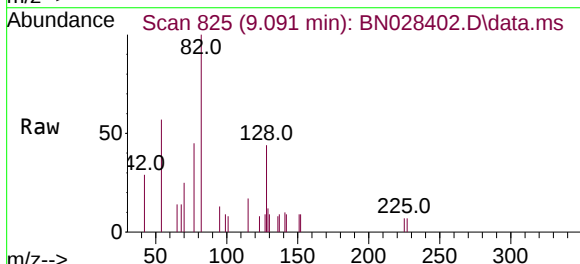
Instrument :
BNA_N
ClientSampleId :
EB-2

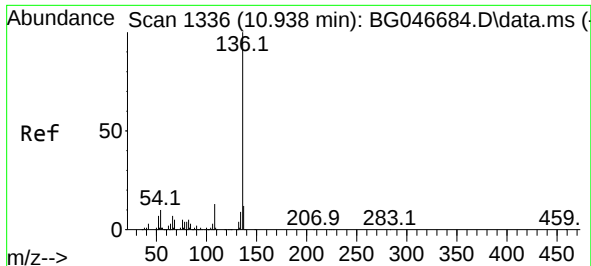
Tgt Ion: 93 Resp: 10
Ion Ratio Lower Upper
93 100
63 86.6 56.4 96.4
95 100.0 13.8 53.8#



#19
n-Nitroso-di-n-propylamine
Concen: 610.752 ng
RT: 9.091 min Scan# 825
Delta R.T. 0.048 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 70 Resp: 295
Ion Ratio Lower Upper
70 100
42 116.3 45.6 68.4#
101 30.9 8.4 12.6#
130 33.7 17.8 26.8#

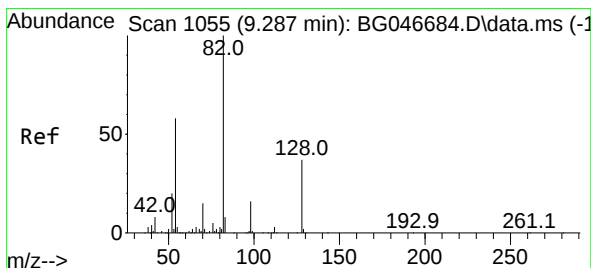
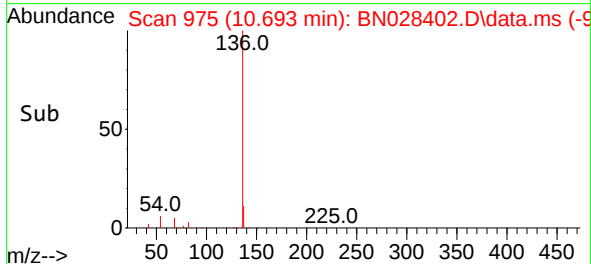
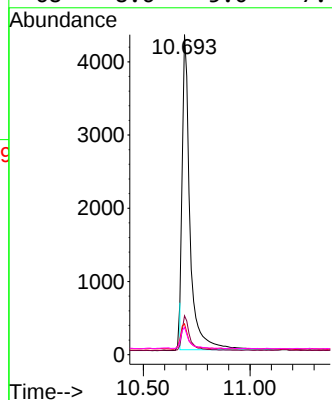
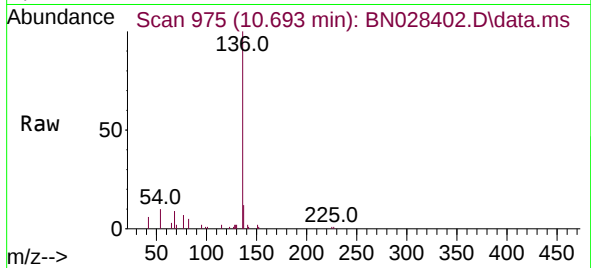




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 91
Delta R.T. -0.512 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

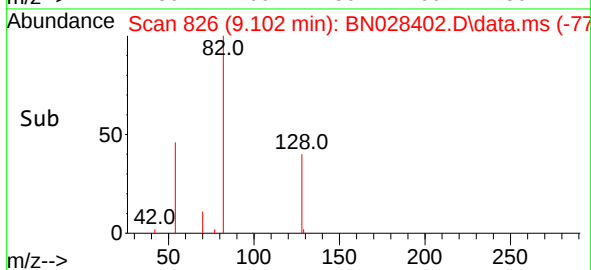
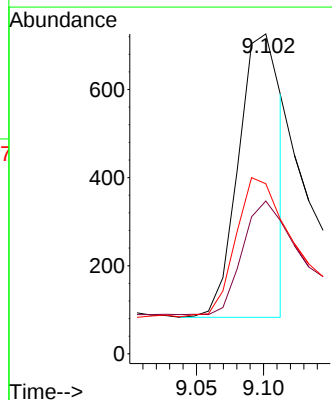
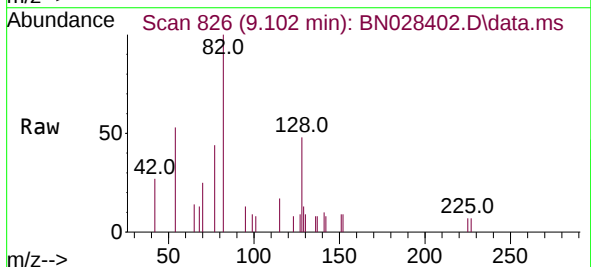
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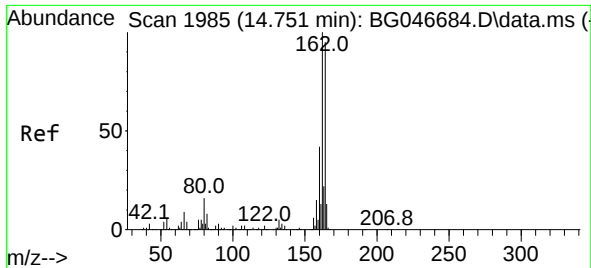
Tgt Ion:136 Resp: 10812
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 9.7 6.2 9.4#
68 8.6 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 6.967 ng
RT: 9.102 min Scan# 826
Delta R.T. 0.038 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion: 82 Resp: 1416
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.6
54 53.2 39.0 58.4

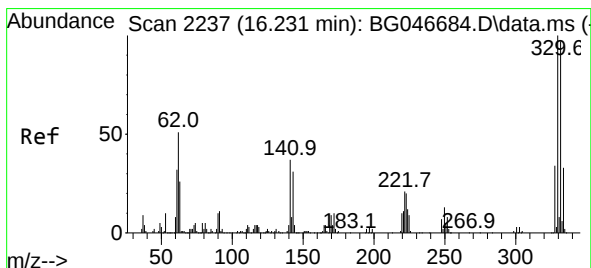
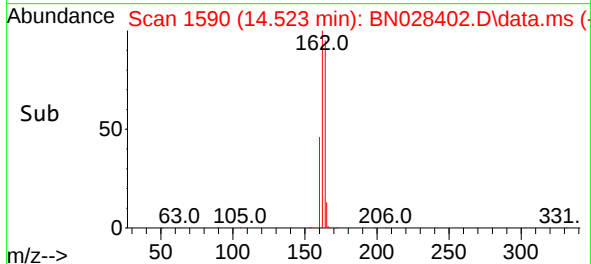
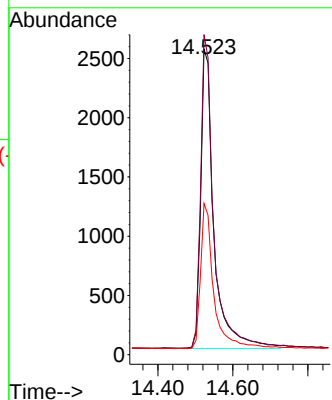
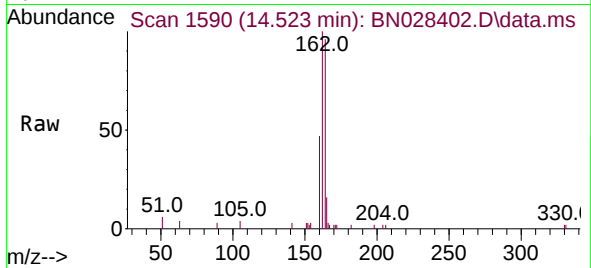




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.523 min Scan# 11
Delta R.T. -0.422 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

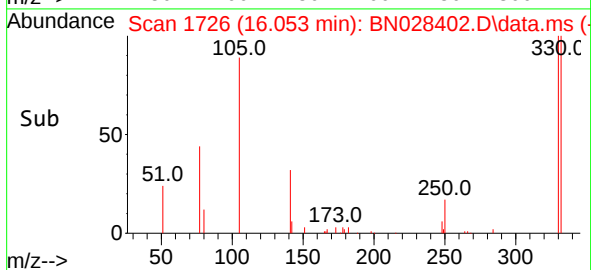
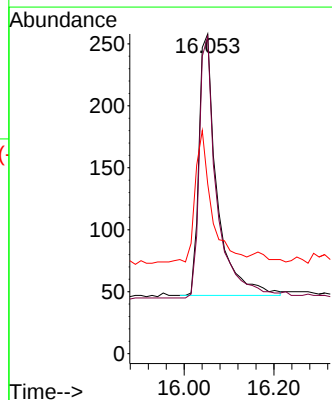
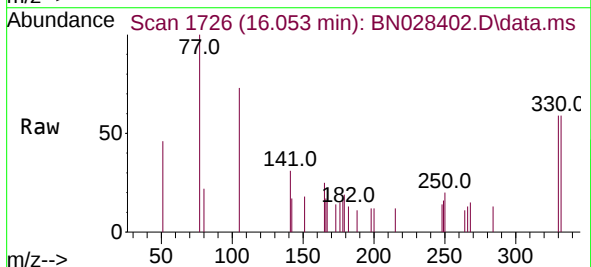
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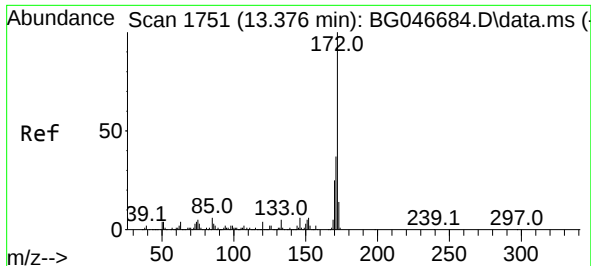
Tgt Ion:164 Resp: 6212
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 49.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 7.166 ng
RT: 16.053 min Scan# 1726
Delta R.T. -0.163 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:330 Resp: 587
Ion Ratio Lower Upper
330 100
332 98.3 76.5 114.7
141 48.6 26.0 39.0#

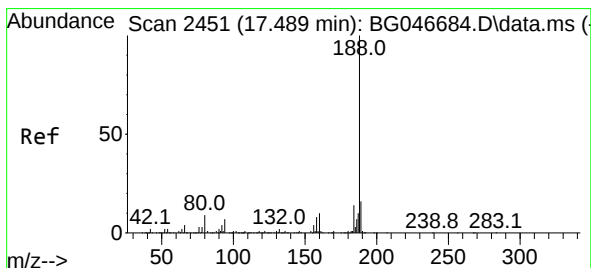
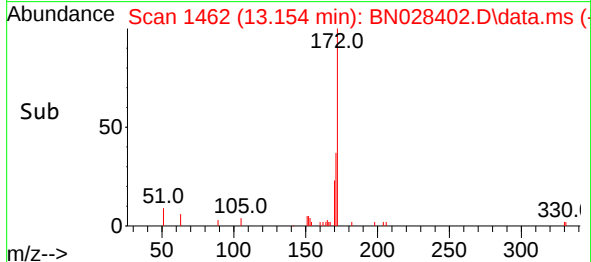
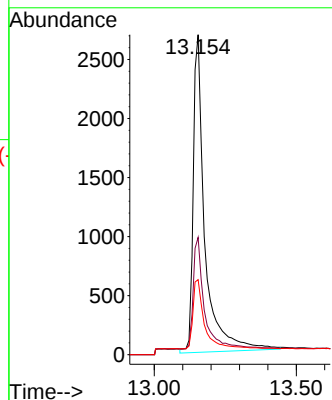
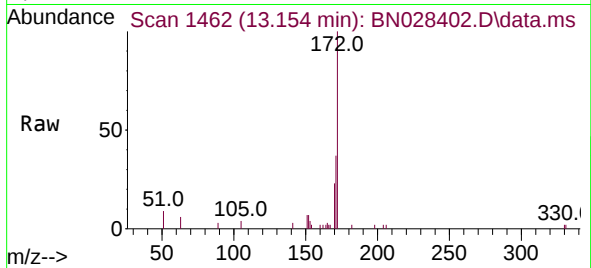




#45
2-Fluorobiphenyl
Concen: 17.471 ng
RT: 13.154 min Scan# 1462
Delta R.T. -0.206 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

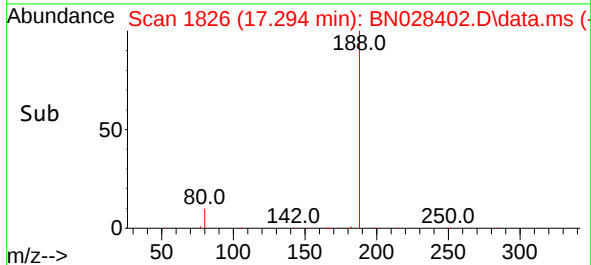
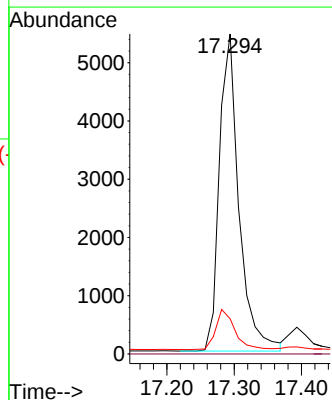
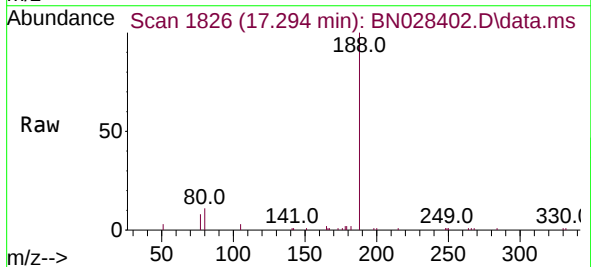
Instrument :
BNA_N
ClientSampleId :
EB-2

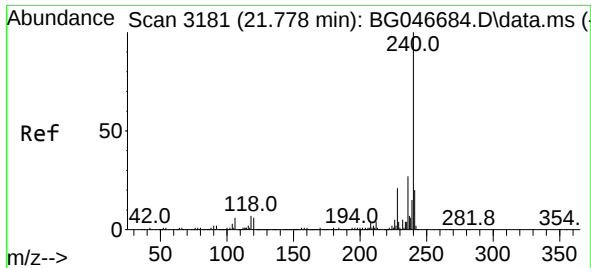
Tgt Ion:172 Resp: 7666
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 23.5 20.8 31.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 1826
Delta R.T. -0.390 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:188 Resp: 10969
Ion Ratio Lower Upper
188 100
94 0.0 6.3 9.5#
80 11.0 7.0 10.6#

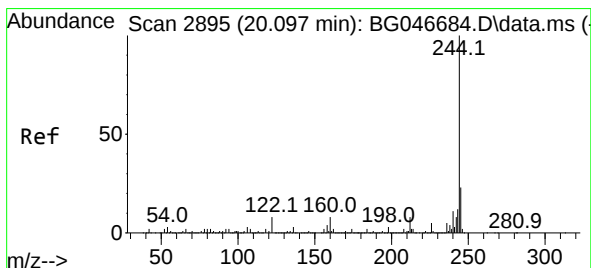
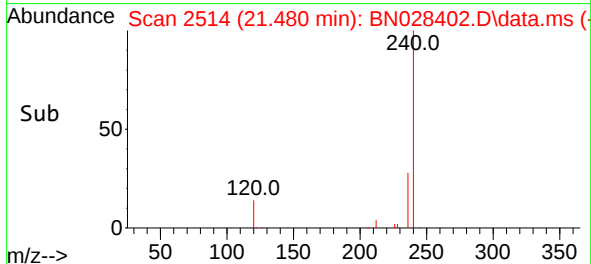
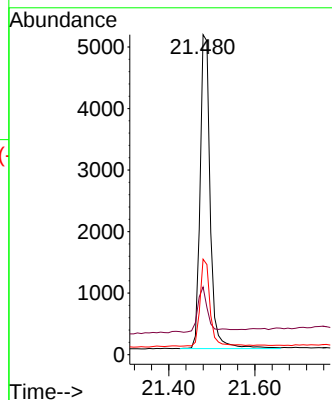
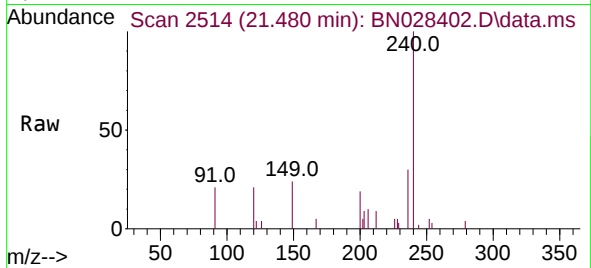




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 2148
Delta R.T. -0.595 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

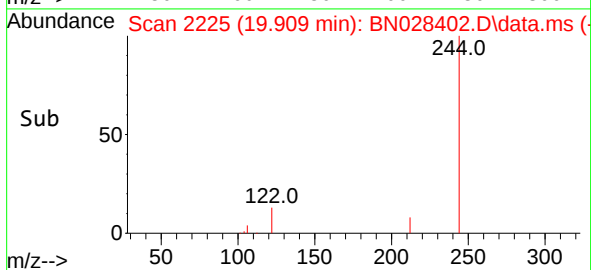
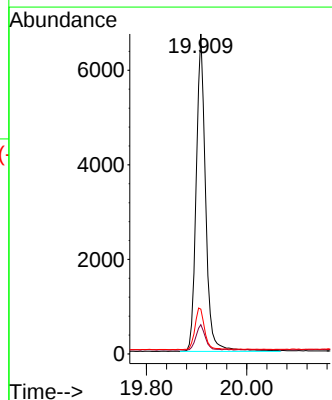
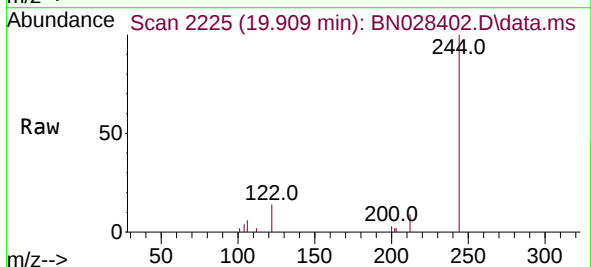
Instrument :
BNA_N
ClientSampleId :
EB-2

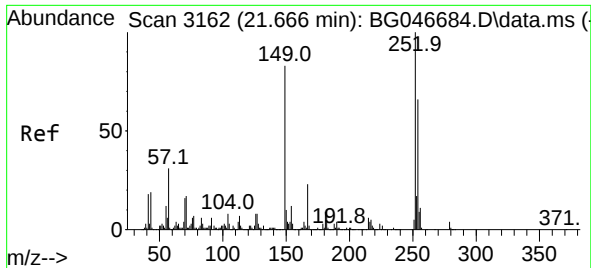
Tgt Ion:240 Resp: 8324
Ion Ratio Lower Upper
240 100
120 21.1 6.2 9.4#
236 29.8 20.5 30.7



#79
Terphenyl-d14
Concen: 20.974 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.737 min
Lab File: BN028402.D
Acq: 26 Oct 2023 17:15

Tgt Ion:244 Resp: 8711
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 14.0 7.8 11.6#

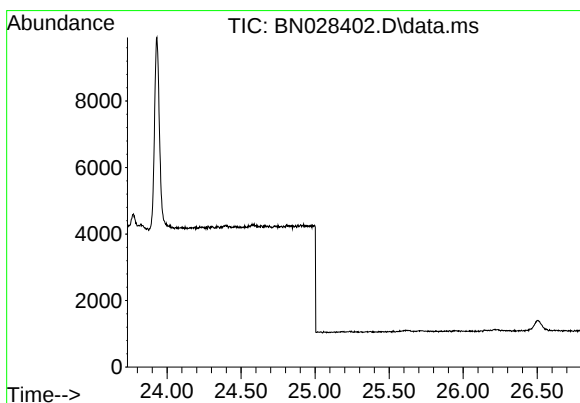
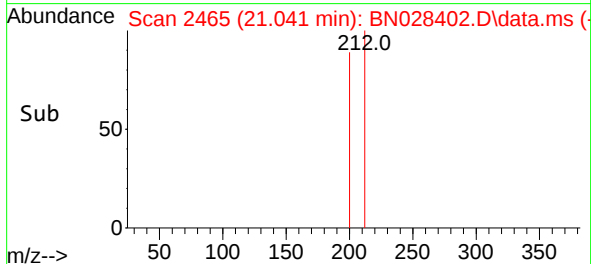
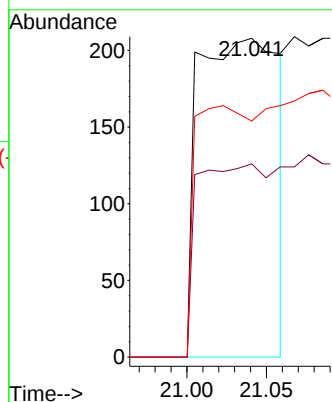
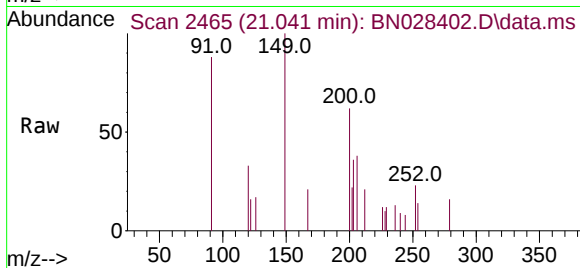




#82
 3,3'-Dichlorobenzidine
 Concen: 3.064 ng
 RT: 21.041 min Scan# 24
 Delta R.T. -0.651 min
 Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

Instrument :
 BNA_N
 ClientSampleId :
 EB-2

Tgt Ion:252 Resp: 661
 Ion Ratio Lower Upper
 252 100
 254 60.6 53.2 79.8
 126 74.0 6.8 10.2#



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 25.26 min

Lab File: BN028402.D
 Acq: 26 Oct 2023 17:15

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.5
 265 22.3

