

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
 Data File : BN024036.D
 Acq On : 14 Feb 2023 22:59
 Operator : CG/JU
 Sample : 01532-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-021023

Quant Time: Feb 15 03:00:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:55:51 2023
 Response via : Initial Calibration

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

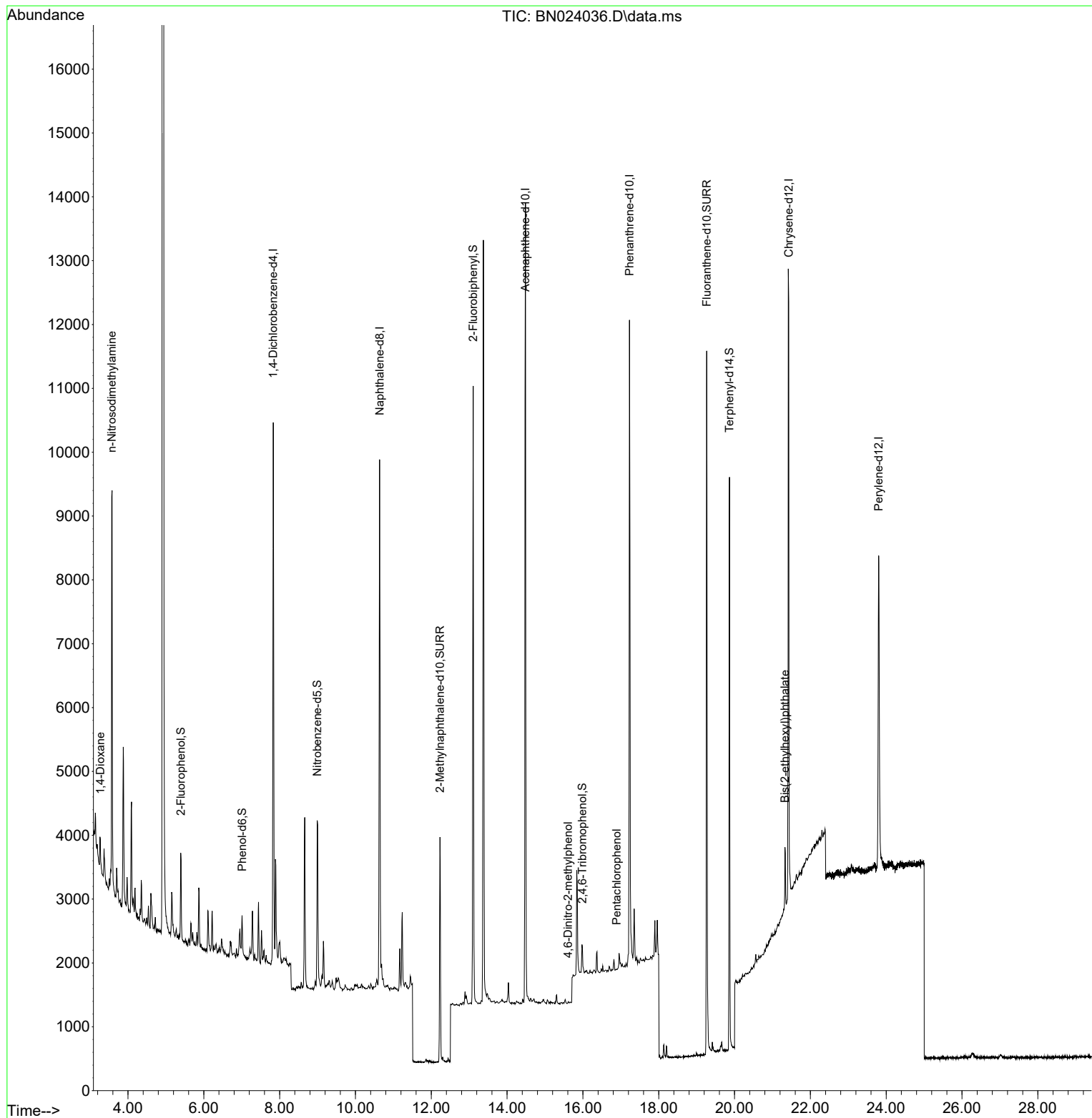
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4149	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	10481	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	6324	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	14429	0.400	ng	# 0.00
29) Chrysene-d12	21.428	240	10289	0.400	ng	# 0.00
35) Perylene-d12	23.802	264	7197	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	978	0.113	ng	0.00
5) Phenol-d6	7.009	99	669	0.066	ng	0.00
8) Nitrobenzene-d5	8.993	82	2473	0.294	ng	-0.01
11) 2-Methylnaphthalene-d10	12.231	152	4712	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	306	0.094	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	7782	0.311	ng	0.00
27) Fluoranthene-d10	19.266	212	12458	0.356	ng	0.00
31) Terphenyl-d14	19.865	244	9838	0.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	244	0.062	ng	# 14
3) n-Nitrosodimethylamine	3.572	42	702	0.159	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.607	198	1	0.193	ng	# 1
24) Pentachlorophenol	16.893	266	4	0.169	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.330	149	1233	0.082	ng	# 89

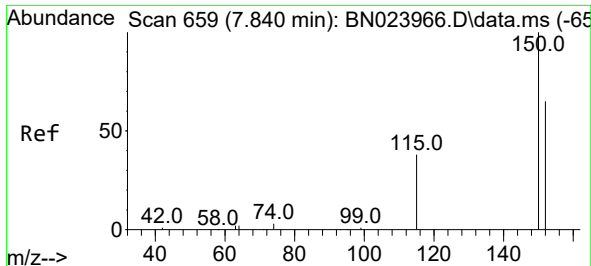
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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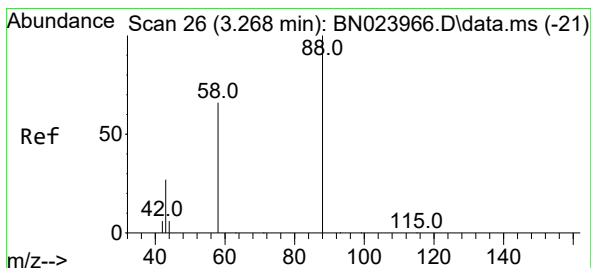
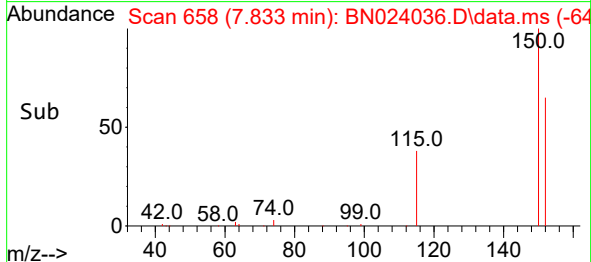
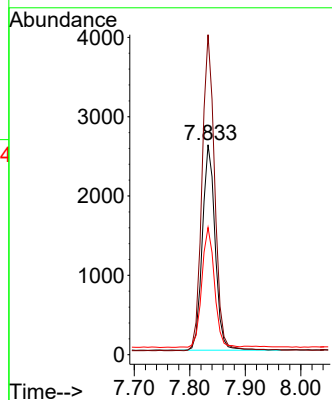
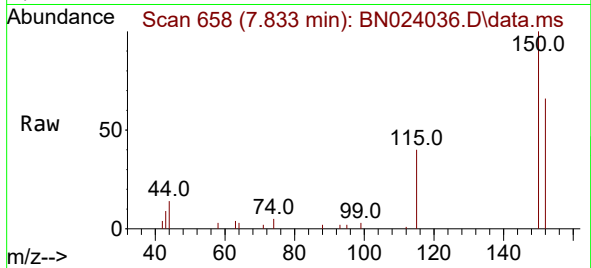




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024036.D
 Acq: 14 Feb 2023 22:59

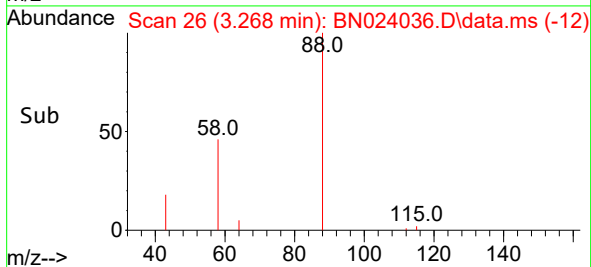
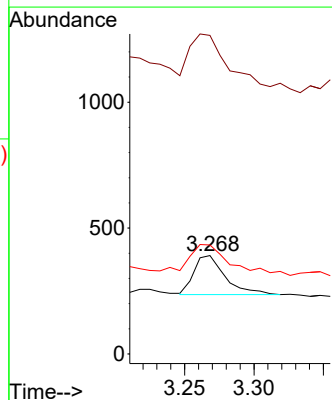
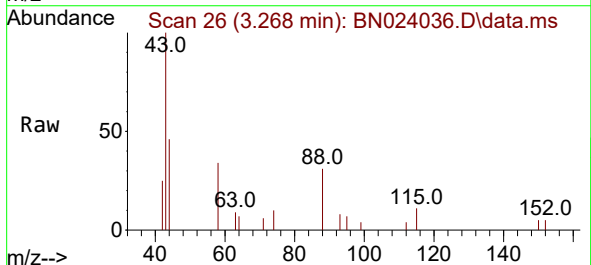
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-021023

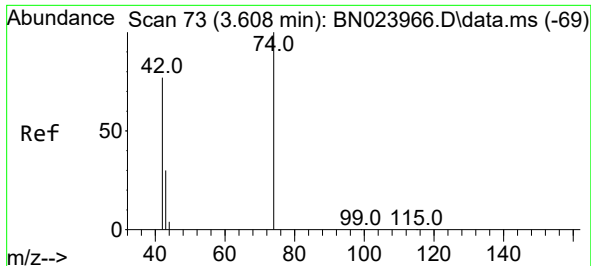
Tgt Ion:152 Resp: 4149
 Ion Ratio Lower Upper
 152 100
 150 152.4 121.8 182.6
 115 60.6 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.062 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN024036.D
 Acq: 14 Feb 2023 22:59

Tgt Ion: 88 Resp: 244
 Ion Ratio Lower Upper
 88 100
 43 154.5 23.7 35.5#
 58 84.4 53.4 80.2#

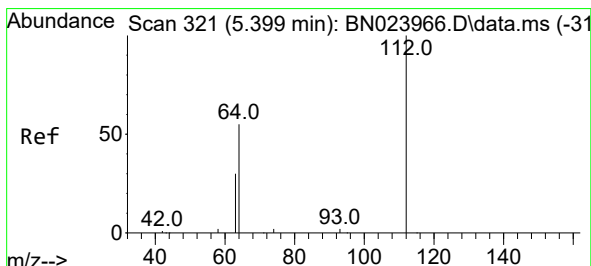
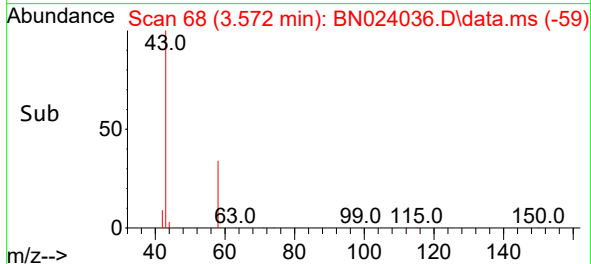
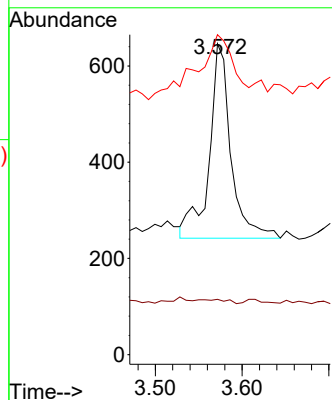
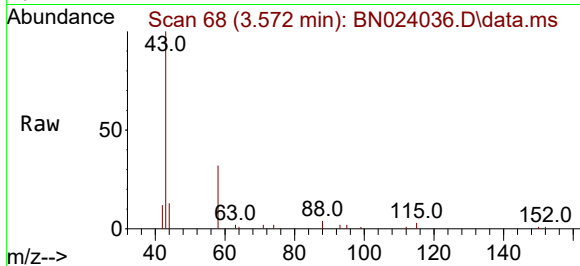




#3
n-Nitrosodimethylamine
Concen: 0.159 ng
RT: 3.572 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

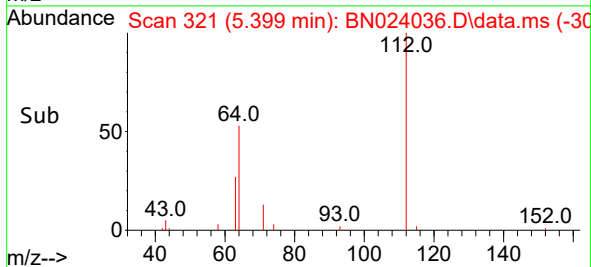
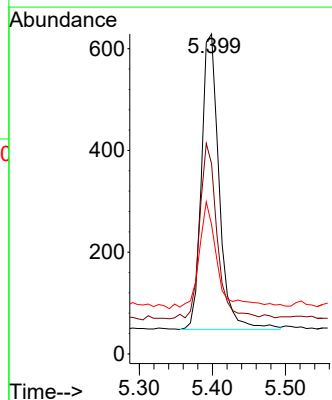
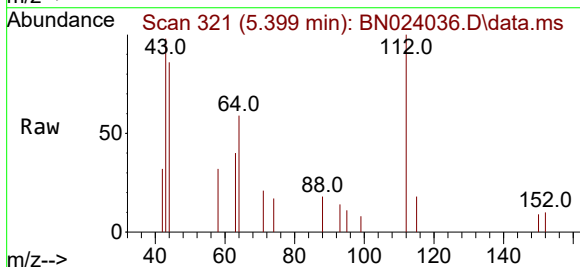
Instrument :
BNA_N
ClientSampleId :
EB-01-021023

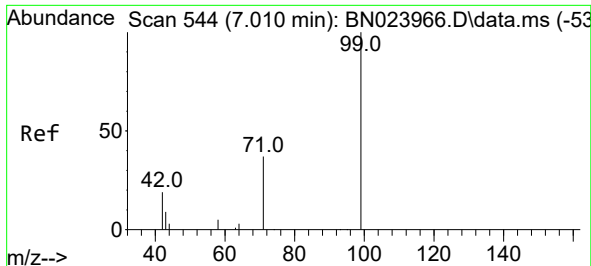
Tgt Ion: 42 Resp: 702
Ion Ratio Lower Upper
42 100
74 0.0 99.3 148.9#
44 33.6 4.2 6.4#



#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

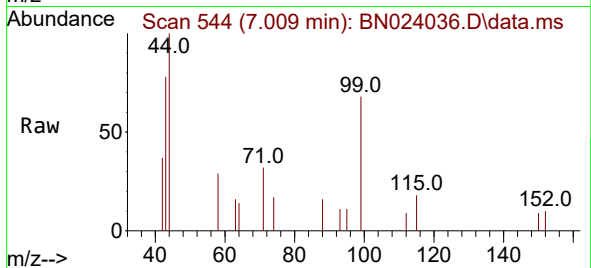
Tgt Ion: 112 Resp: 978
Ion Ratio Lower Upper
112 100
64 58.1 44.8 67.2
63 38.7 25.1 37.7#



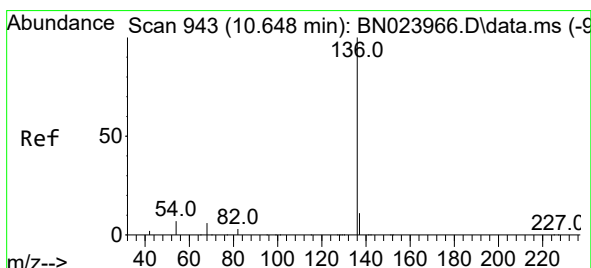
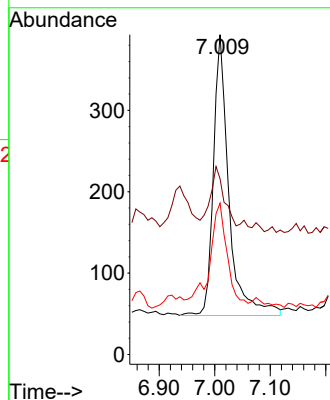
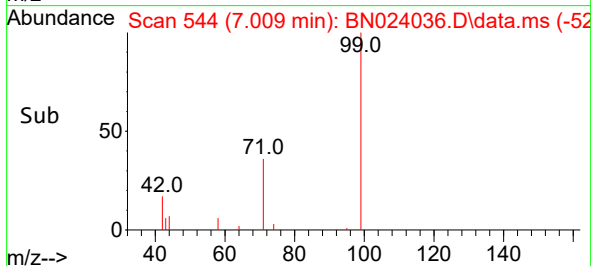


#5
Phenol-d6
Concen: 0.066 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

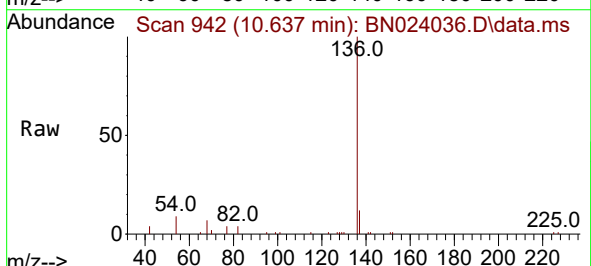
Instrument :
BNA_N
ClientSampleId :
EB-01-021023



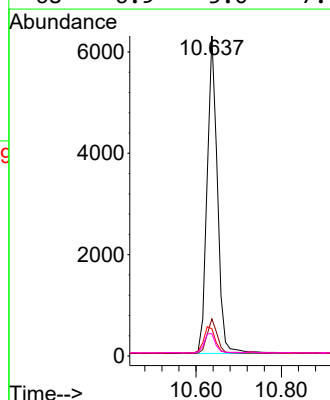
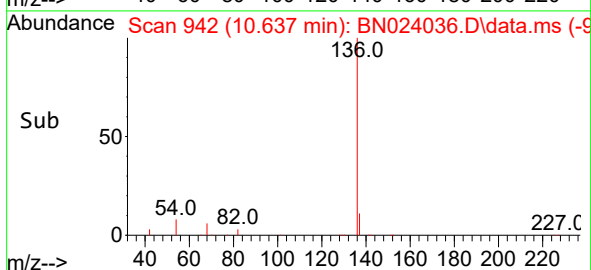
Tgt Ion: 99 Resp: 669
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 38.9 29.0 43.4

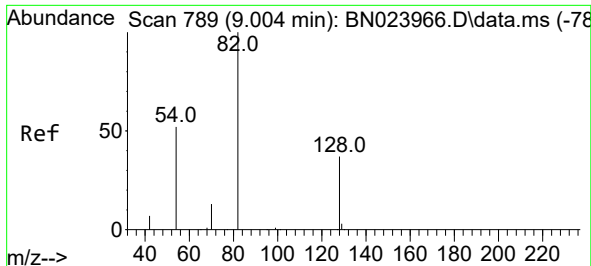


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59



Tgt Ion: 136 Resp: 10481
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.5 5.8 8.8
68 6.9 5.0 7.4

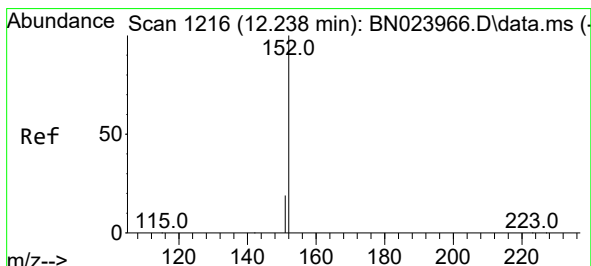
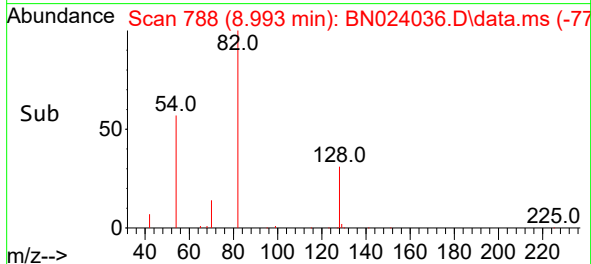
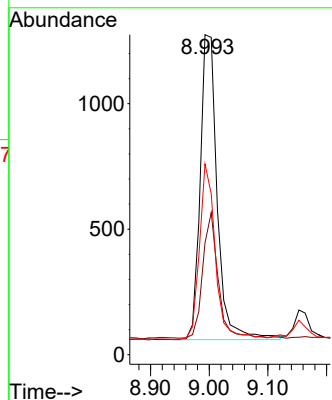
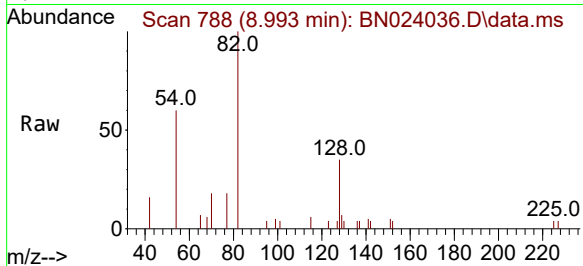




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

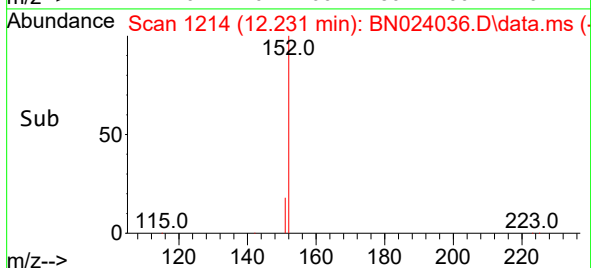
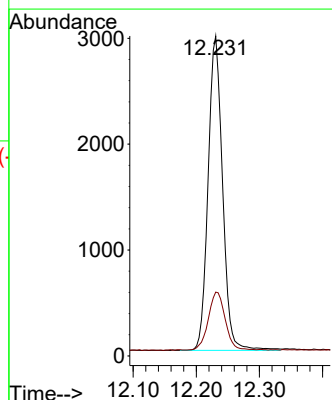
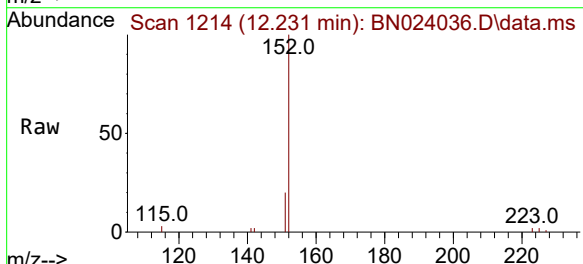
Instrument :
BNA_N
ClientSampleId :
EB-01-021023

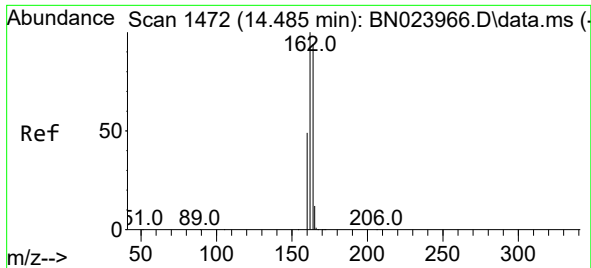
Tgt Ion: 82 Resp: 2473
Ion Ratio Lower Upper
82 100
128 35.0 31.5 47.3
54 59.6 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.231 min Scan# 1214
Delta R.T. -0.004 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

Tgt Ion: 152 Resp: 4712
Ion Ratio Lower Upper
152 100
151 21.5 16.6 24.8

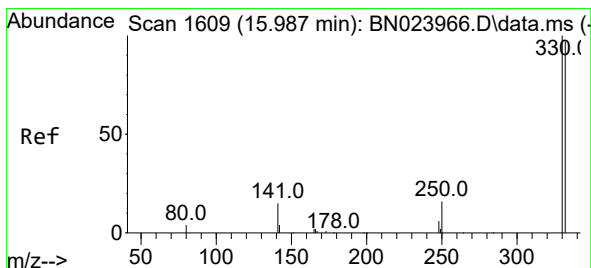
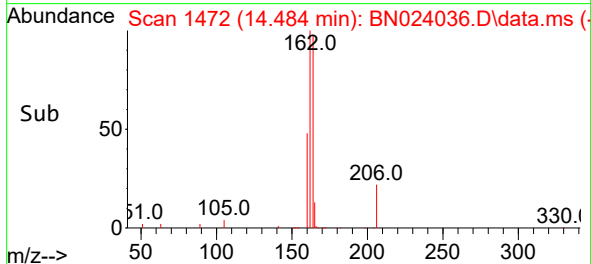
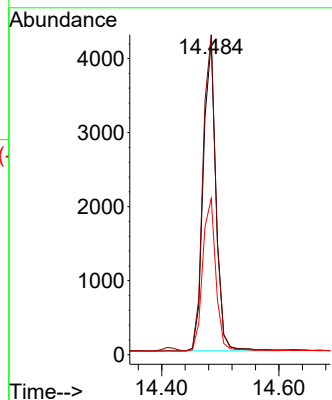
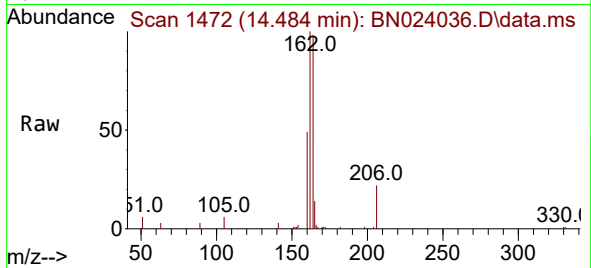




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

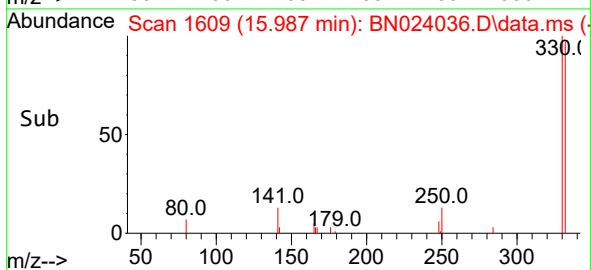
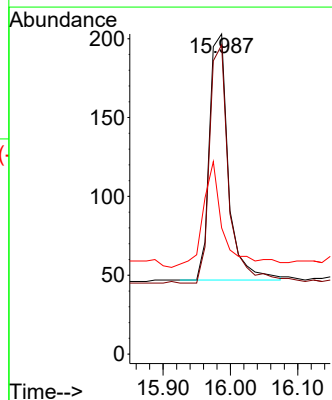
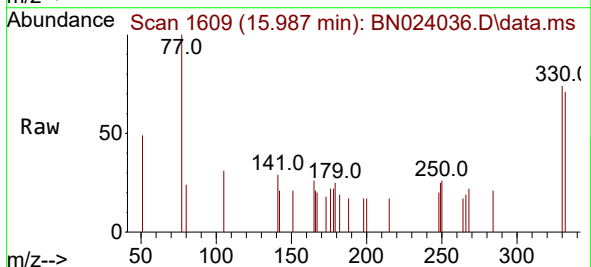
Instrument :
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ClientSampleId :
EB-01-021023

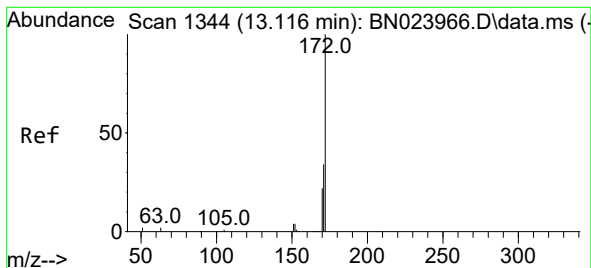
Tgt Ion:164 Resp: 6324
Ion Ratio Lower Upper
164 100
162 102.0 84.8 127.2
160 49.8 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.094 ng
RT: 15.987 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

Tgt Ion:330 Resp: 306
Ion Ratio Lower Upper
330 100
332 98.7 77.7 116.5
141 46.7 26.6 39.8#





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 13.105 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024036.D

Acq: 14 Feb 2023 22:59

Instrument :

BNA_N

ClientSampleId :

EB-01-021023

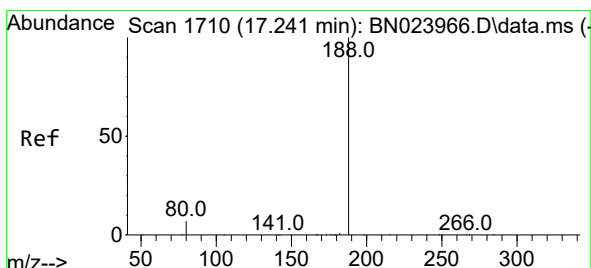
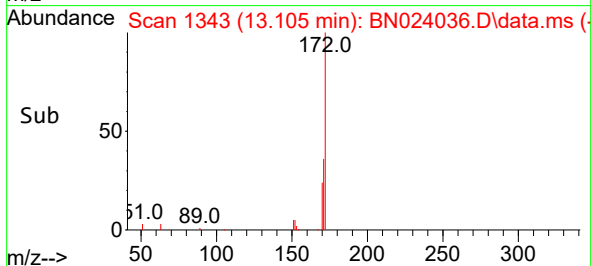
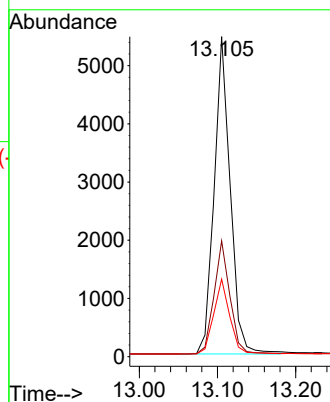
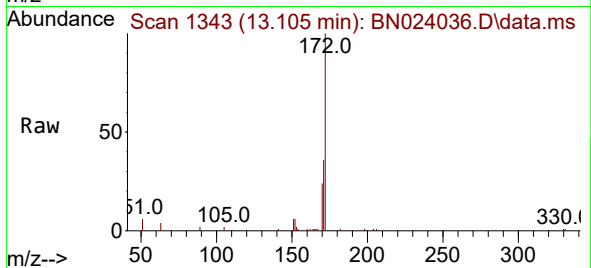
Tgt Ion:172 Resp: 7782

Ion Ratio Lower Upper

172 100

171 36.2 27.4 41.2

170 24.3 18.2 27.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BN024036.D

Acq: 14 Feb 2023 22:59

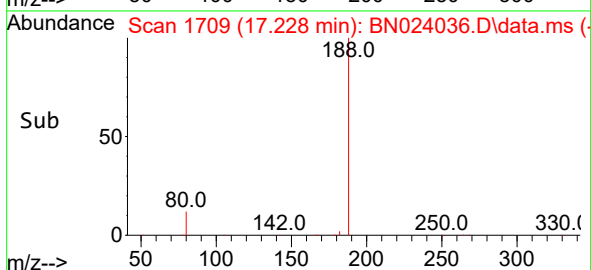
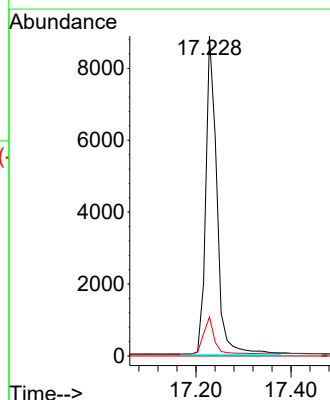
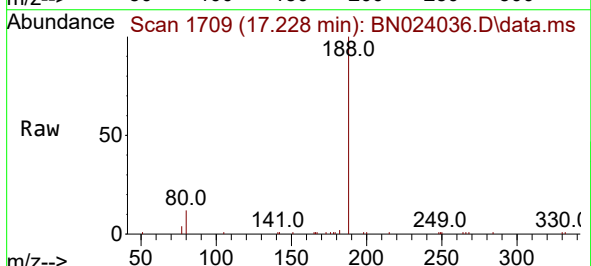
Tgt Ion:188 Resp: 14429

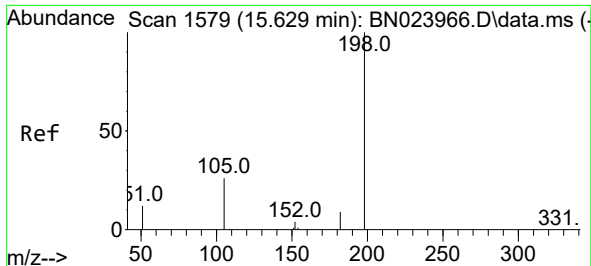
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 6.1 9.1#

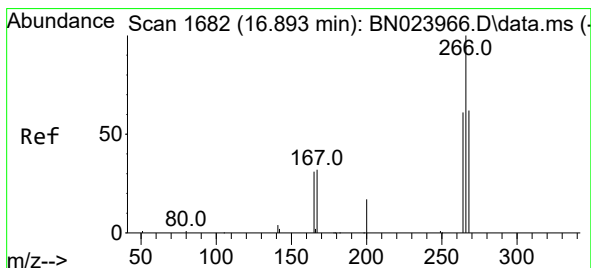
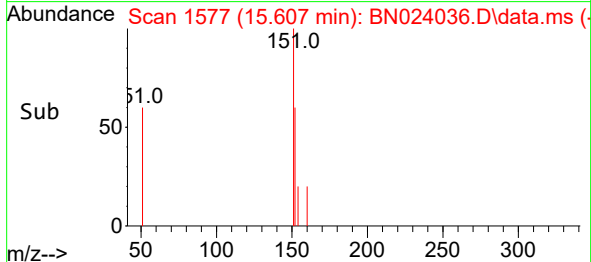
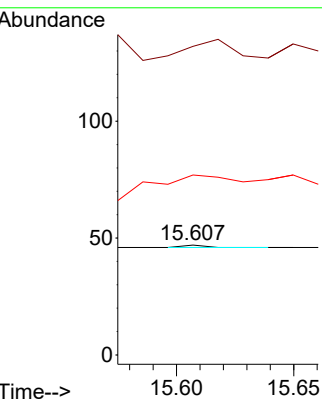
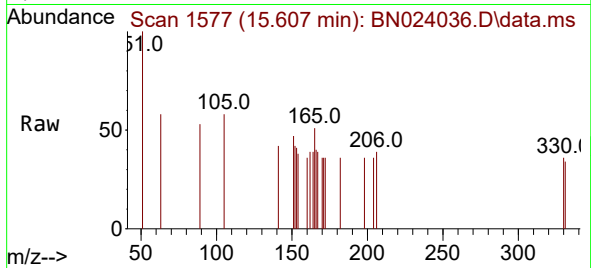




#20
4,6-Dinitro-2-methylphenol
Concen: 0.193 ng
RT: 15.607 min Scan# 1577
Delta R.T. -0.021 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

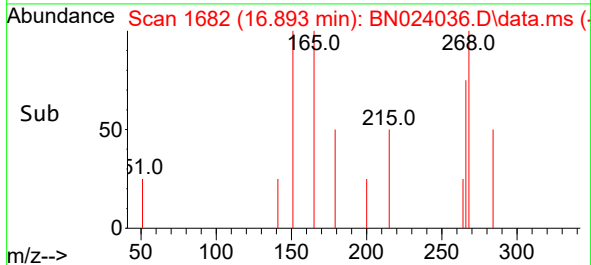
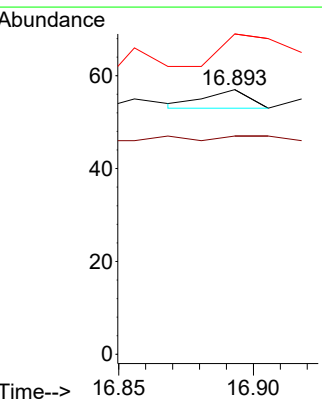
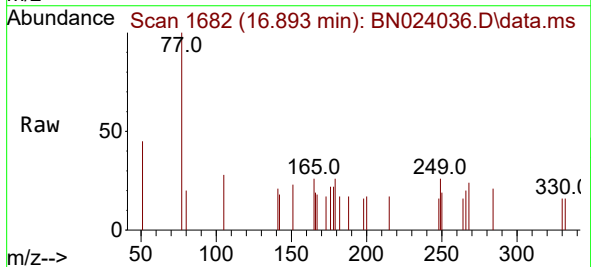
Instrument :
BNA_N
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EB-01-021023

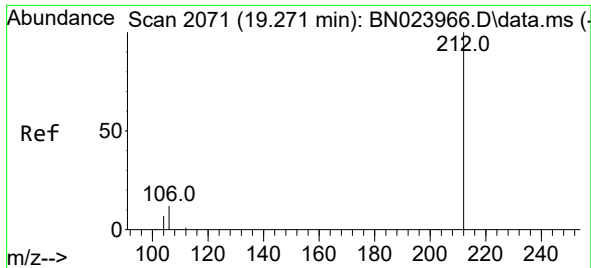
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 280.9 36.8 55.2#
105 163.8 28.8 43.2#



#24
Pentachlorophenol
Concen: 0.169 ng
RT: 16.893 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 0.0 47.6 71.4#
268 400.0 47.5 71.3#

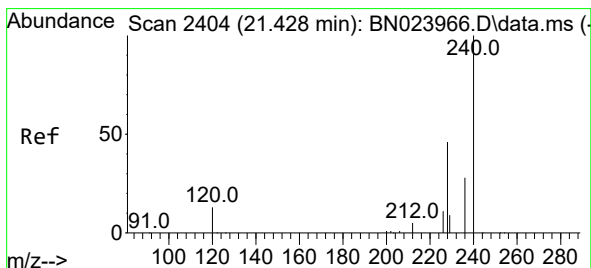
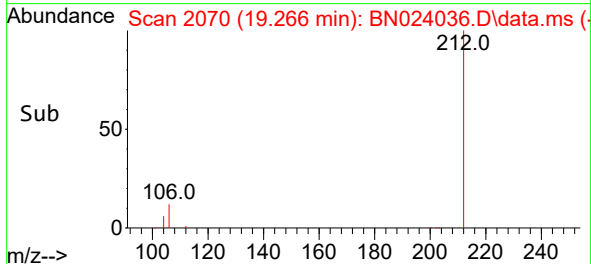
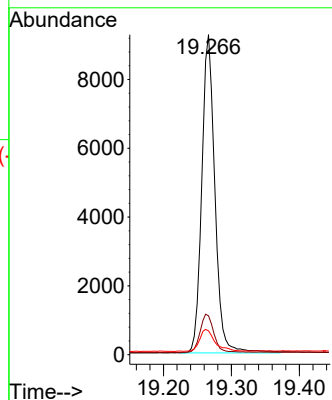
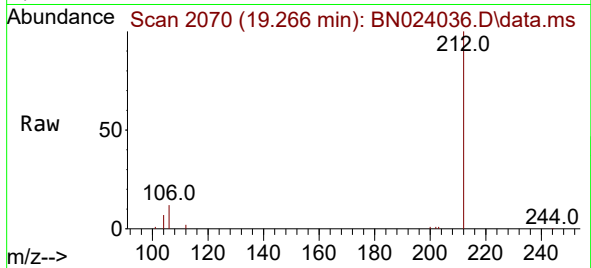




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.266 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

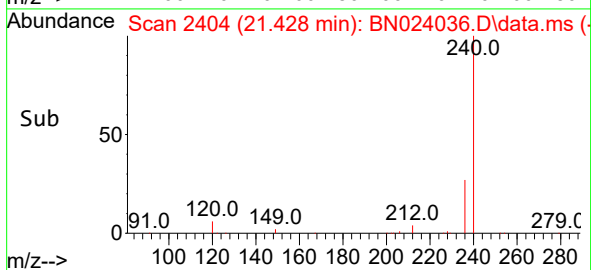
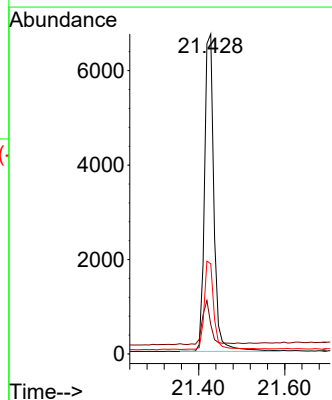
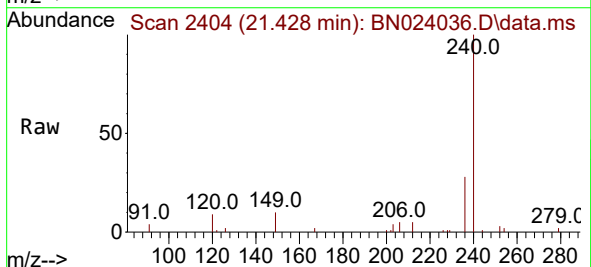
Instrument :
BNA_N
ClientSampleId :
EB-01-021023

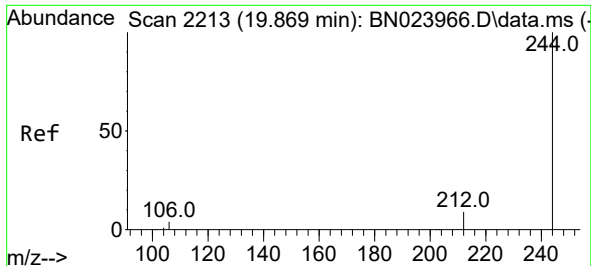
Tgt Ion:212 Resp: 12458
Ion Ratio Lower Upper
212 100
106 12.6 9.2 13.8
104 8.0 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

Tgt Ion:240 Resp: 10289
Ion Ratio Lower Upper
240 100
120 9.2 11.4 17.0#
236 28.2 23.2 34.8

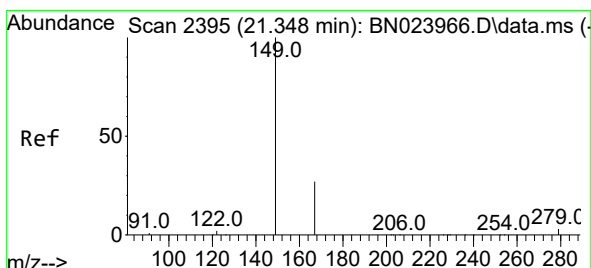
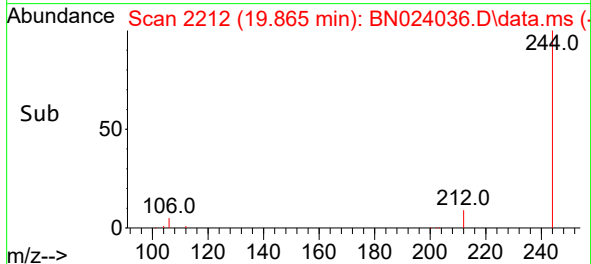
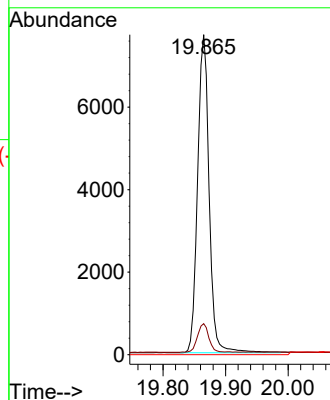
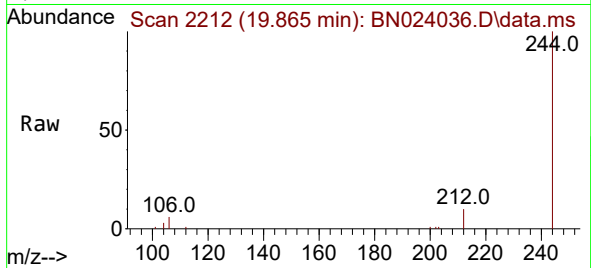




#31
 Terphenyl-d14
 Concen: 0.512 ng
 RT: 19.865 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN024036.D
 Acq: 14 Feb 2023 22:59

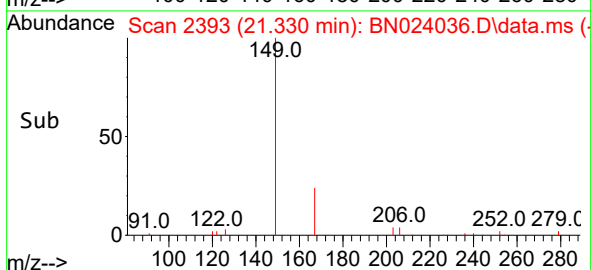
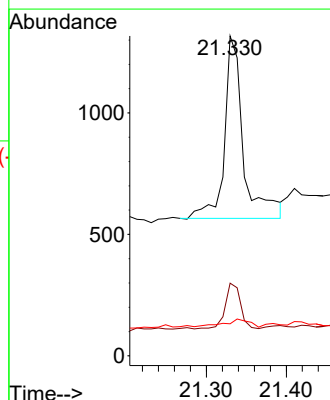
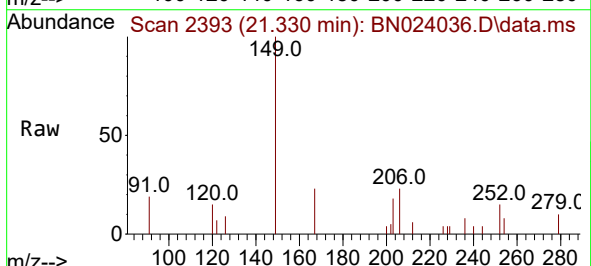
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-021023

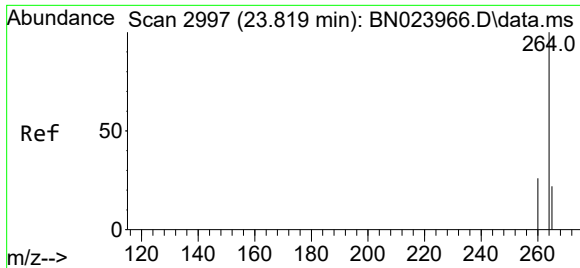
Tgt Ion:244 Resp: 9838
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.7 11.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.330 min Scan# 2393
 Delta R.T. -0.009 min
 Lab File: BN024036.D
 Acq: 14 Feb 2023 22:59

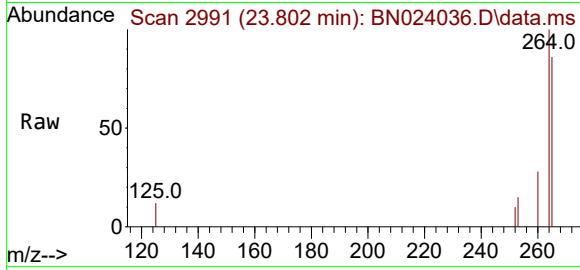
Tgt Ion:149 Resp: 1233
 Ion Ratio Lower Upper
 149 100
 167 20.2 21.1 31.7#
 279 6.3 3.1 4.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.802 min Scan# 2991
Delta R.T. -0.017 min
Lab File: BN024036.D
Acq: 14 Feb 2023 22:59

Instrument :
BNA_N
ClientSampleId :
EB-01-021023



Tgt Ion:264 Resp: 7197
Ion Ratio Lower Upper
264 100
260 28.4 21.4 32.0
265 86.4 41.4 62.0#

