

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
 Data File : BN024035.D
 Acq On : 14 Feb 2023 22:22
 Operator : CG/JU
 Sample : 01516-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-15B-35-45-020923

Quant Time: Feb 15 03:00:41 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)

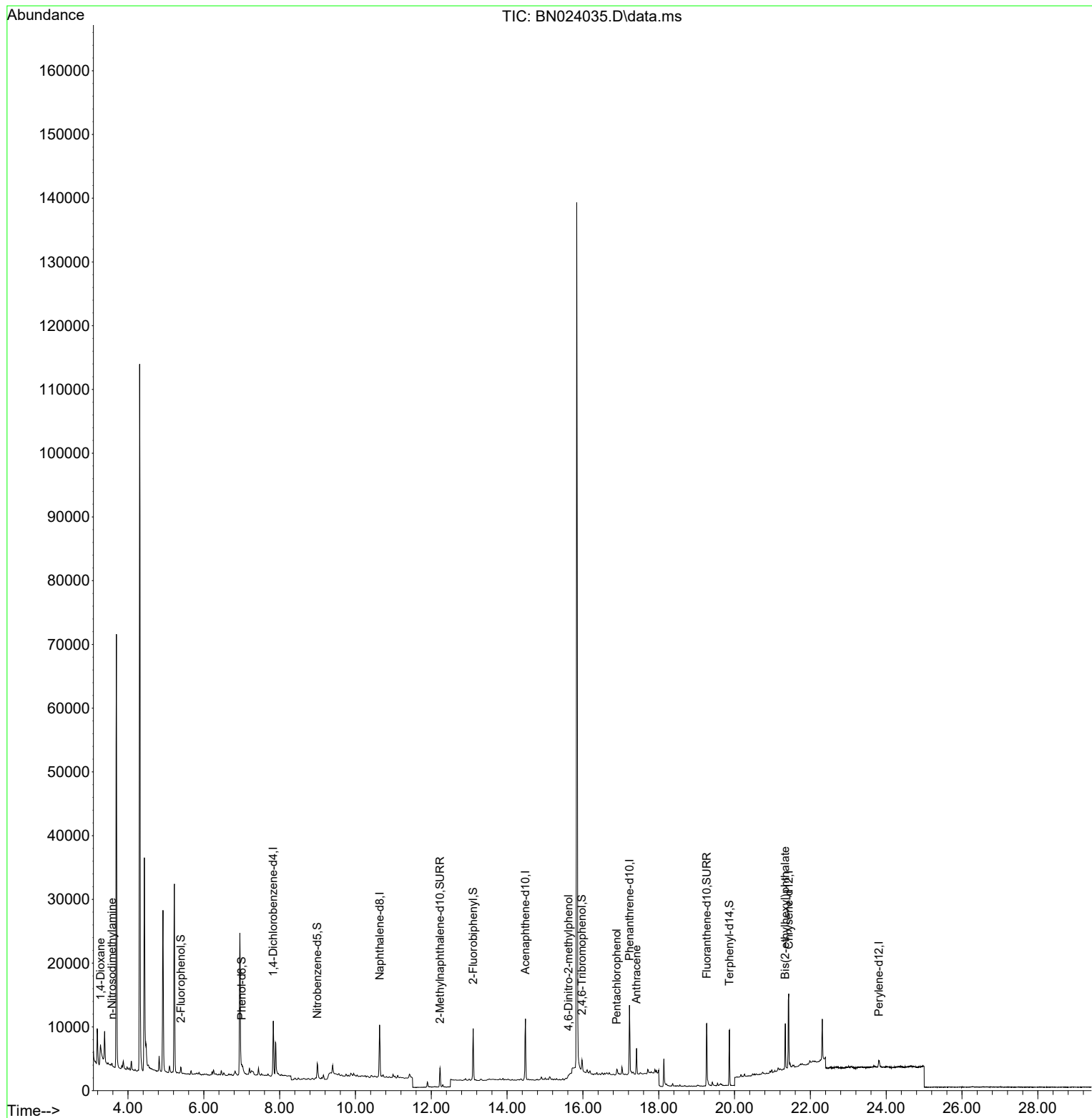
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3853	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	10009	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5148	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	13639	0.400	ng	# 0.00
29) Chrysene-d12	21.428	240	10929	0.400	ng	# 0.00
35) Perylene-d12	23.811	264	1744	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	803	0.100	ng	0.00
5) Phenol-d6	7.002	99	529	0.056	ng	0.00
8) Nitrobenzene-d5	8.993	82	2031	0.253	ng	-0.01
11) 2-Methylnaphthalene-d10	12.231	152	3820	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.975	330	931	0.351	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	6499	0.319	ng	0.00
27) Fluoranthene-d10	19.266	212	10935	0.330	ng	0.00
31) Terphenyl-d14	19.865	244	8796	0.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	4326	1.184	ng	98
3) n-Nitrosodimethylamine	3.579	42	86	0.021	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.618	198	7	0.195	ng	# 1
24) Pentachlorophenol	16.893	266	161	0.199	ng	# 1
26) Anthracene	17.414	178	962	0.031	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.338	149	6056	0.379	ng	99

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

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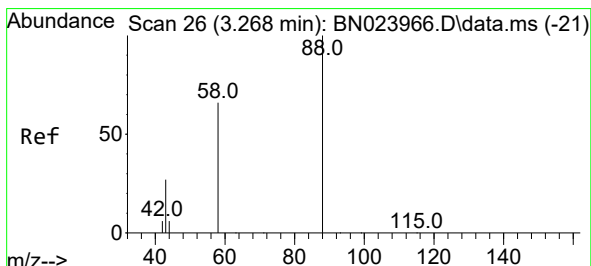
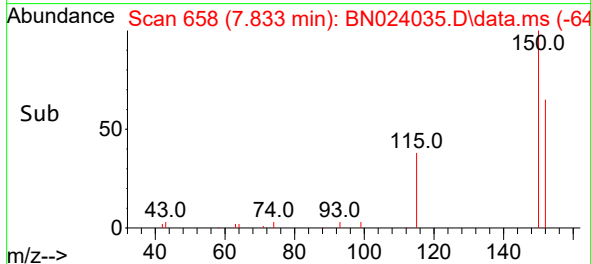
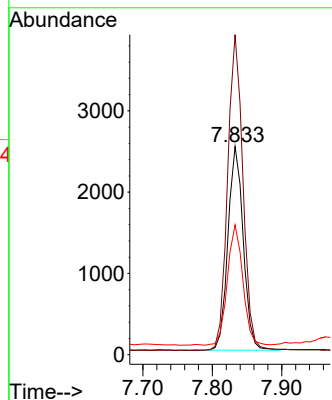
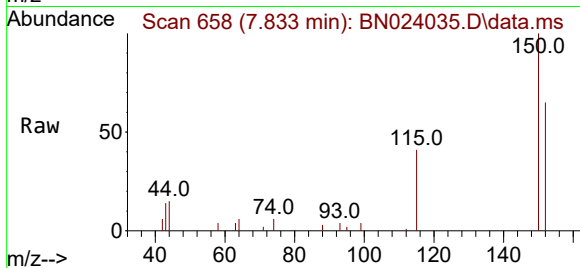




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024035.D
 Acq: 14 Feb 2023 22:22

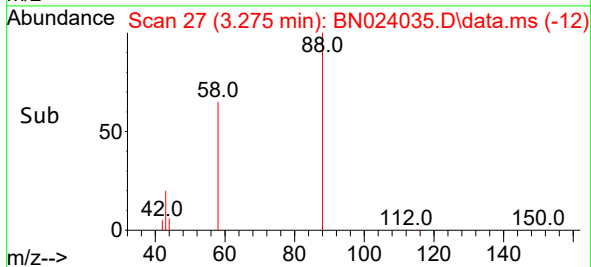
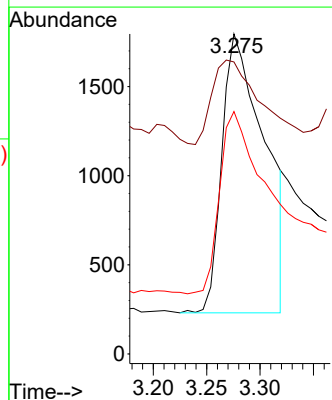
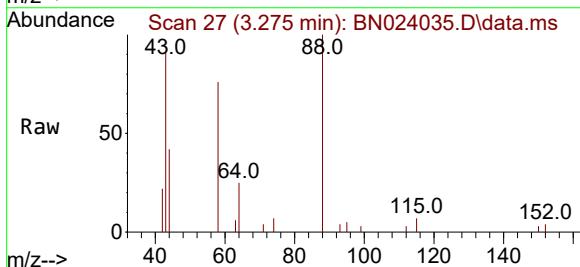
Instrument :
 BNA_N
 ClientSampleId :
 MW-15B-35-45-020923

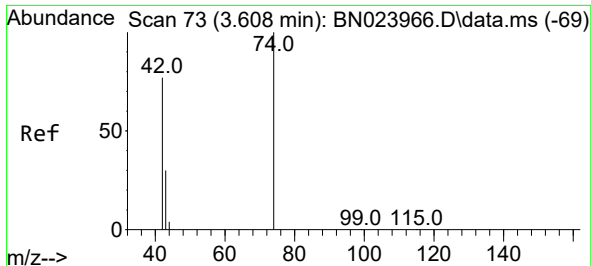
Tgt Ion:152 Resp: 3853
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.8 182.6
 115 62.3 47.7 71.5



#2
 1,4-Dioxane
 Concen: 1.184 ng
 RT: 3.275 min Scan# 27
 Delta R.T. 0.007 min
 Lab File: BN024035.D
 Acq: 14 Feb 2023 22:22

Tgt Ion: 88 Resp: 4326
 Ion Ratio Lower Upper
 88 100
 43 32.3 23.7 35.5
 58 67.1 53.4 80.2

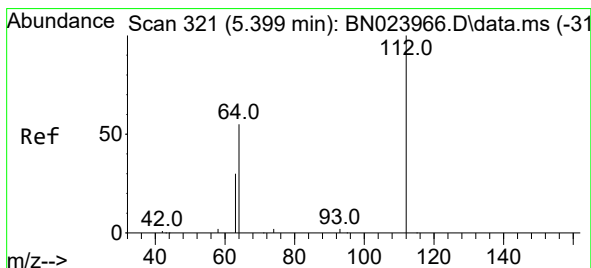
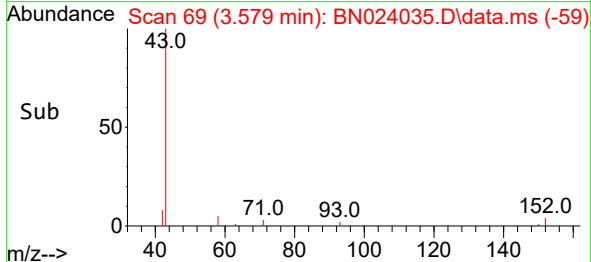
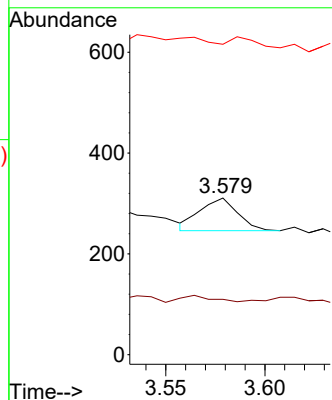
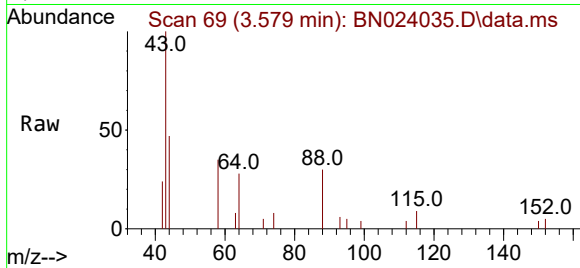




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.579 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

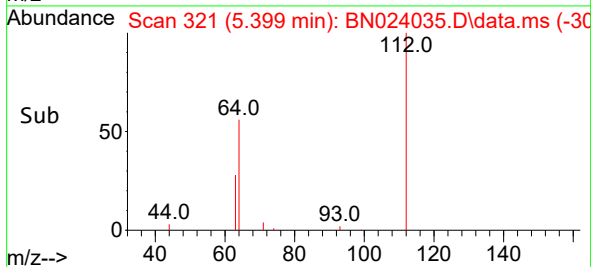
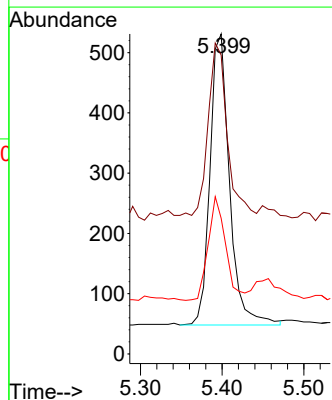
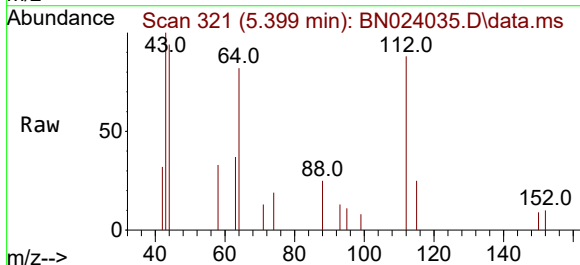
Instrument :
BNA_N
ClientSampleId :
MW-15B-35-45-020923

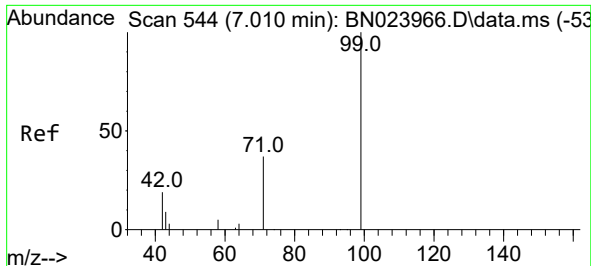
Tgt Ion: 42 Resp: 86
Ion Ratio Lower Upper
42 100
74 18.6 99.3 148.9#
44 0.0 4.2 6.4#



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion: 112 Resp: 803
Ion Ratio Lower Upper
112 100
64 58.5 44.8 67.2
63 32.0 25.1 37.7

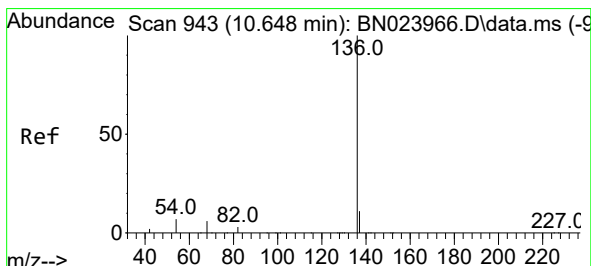
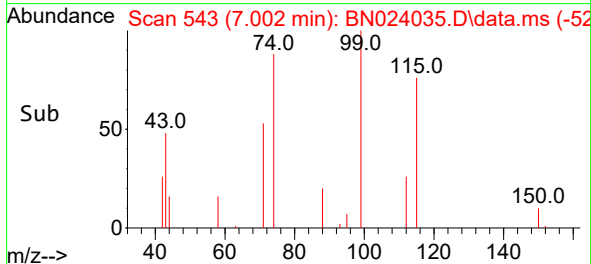
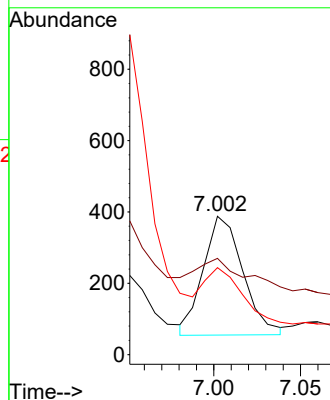
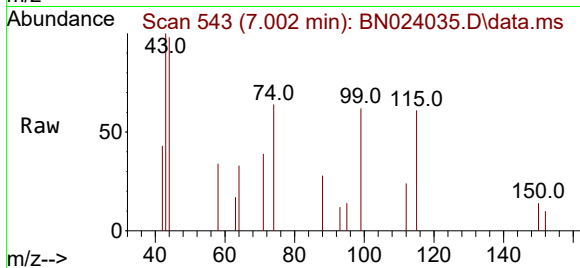




#5
Phenol-d6
Concen: 0.056 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

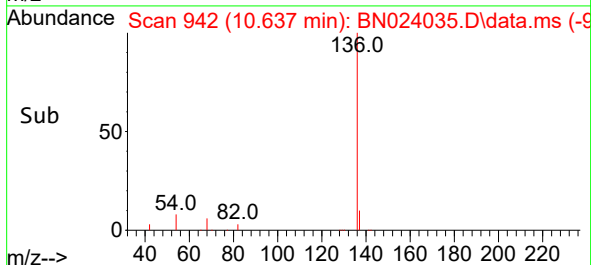
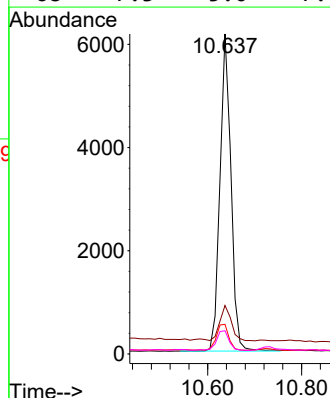
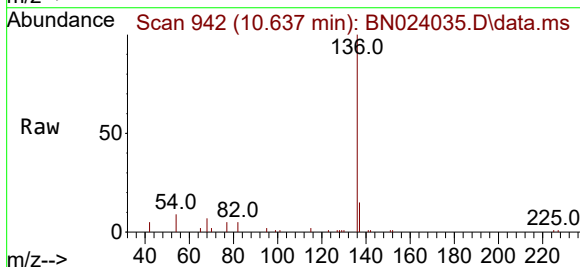
Instrument :
BNA_N
ClientSampleId :
MW-15B-35-45-020923

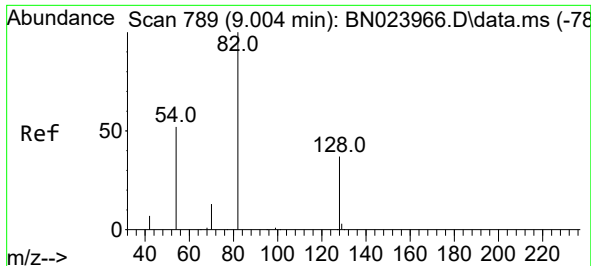
Tgt Ion: 99 Resp: 529
Ion Ratio Lower Upper
99 100
42 48.4 17.0 25.6#
71 56.3 29.0 43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion: 136 Resp: 10009
Ion Ratio Lower Upper
136 100
137 15.2 9.1 13.7#
54 9.3 5.8 8.8#
68 7.3 5.0 7.4

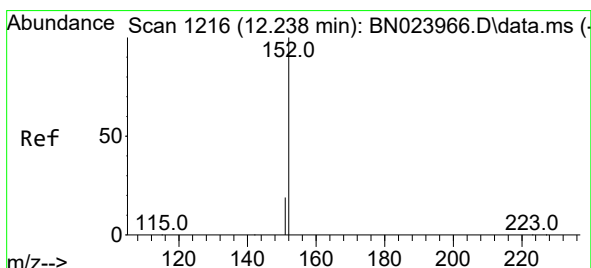
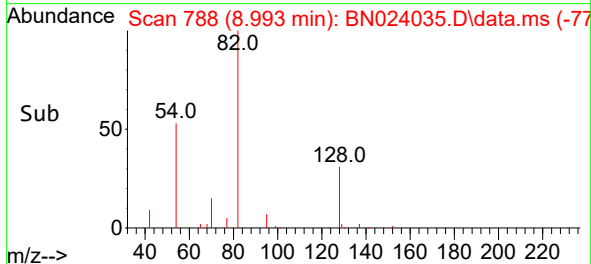
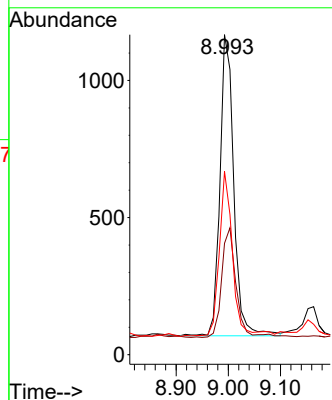
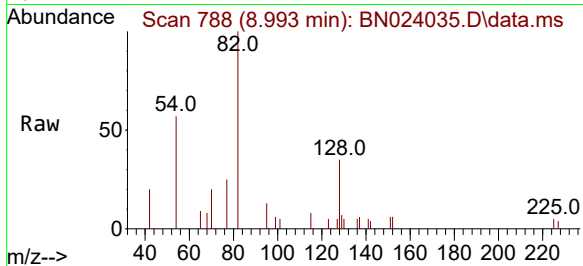




#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.993 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

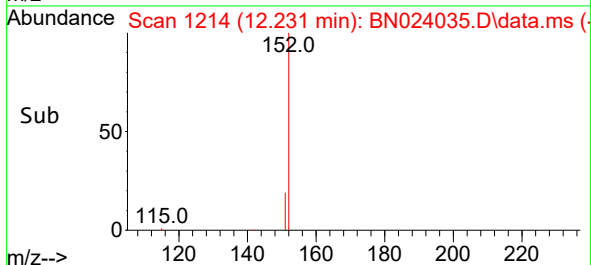
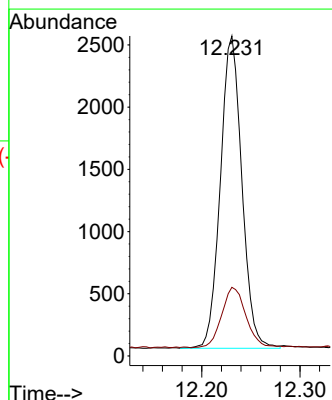
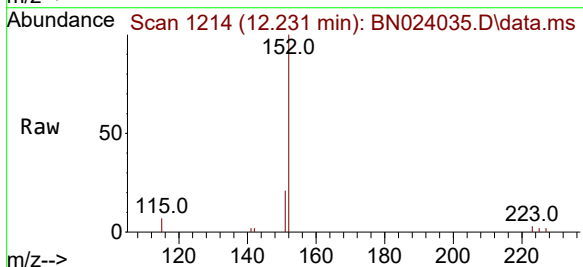
Instrument :
BNA_N
ClientSampleId :
MW-15B-35-45-020923

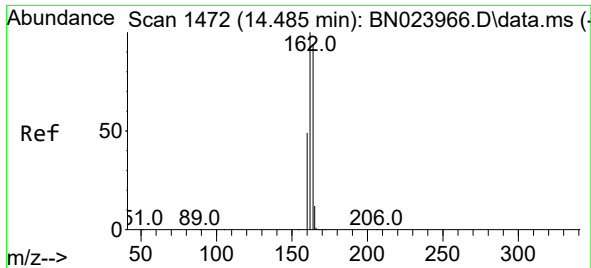
Tgt Ion: 82 Resp: 2031
Ion Ratio Lower Upper
82 100
128 34.8 31.5 47.3
54 57.2 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.231 min Scan# 1214
Delta R.T. -0.004 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 22.0 16.6 24.8

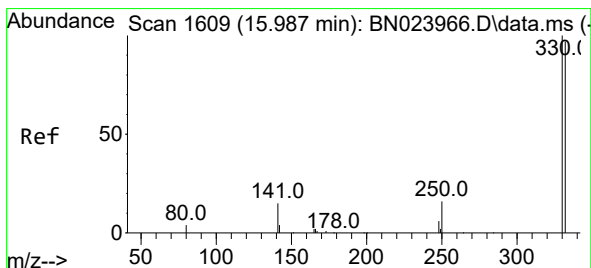
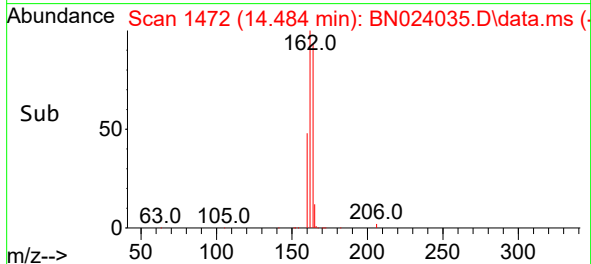
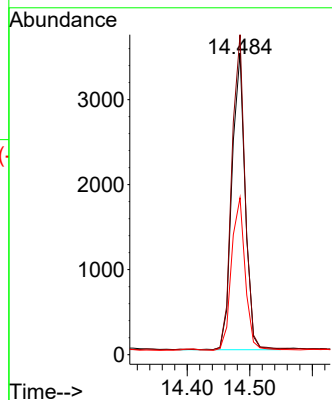
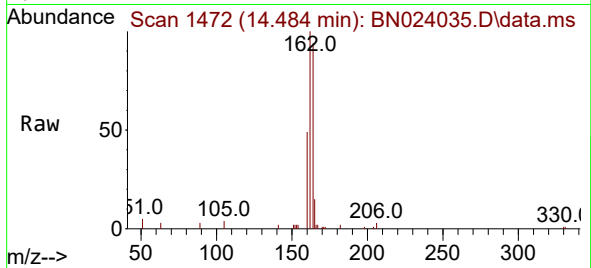




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

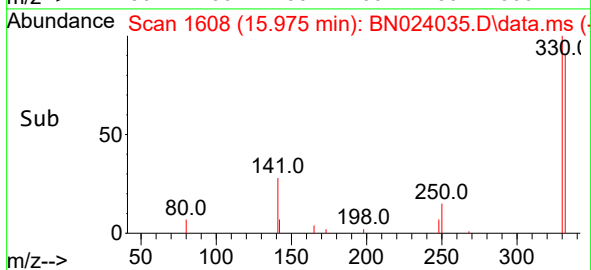
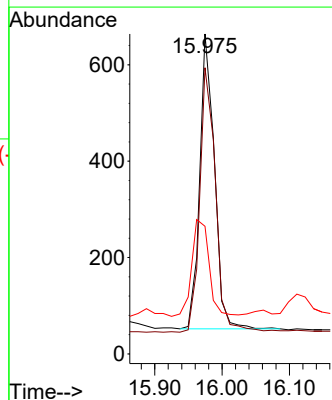
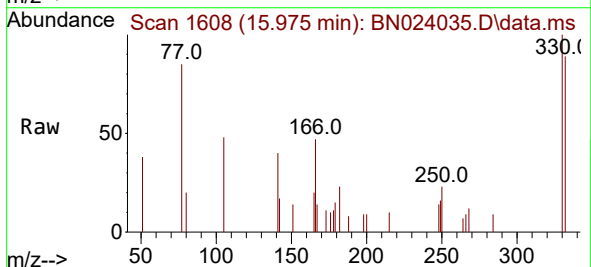
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ClientSampleId :
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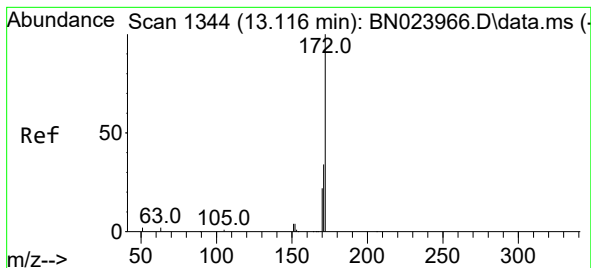
Tgt Ion:164 Resp: 5148
Ion Ratio Lower Upper
164 100
162 106.0 84.8 127.2
160 52.0 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.975 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion:330 Resp: 931
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 38.5 26.6 39.8





#15

2-Fluorobiphenyl

Concen: 0.319 ng

RT: 13.105 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024035.D

Acq: 14 Feb 2023 22:22

Instrument :

BNA_N

ClientSampleId :

MW-15B-35-45-020923

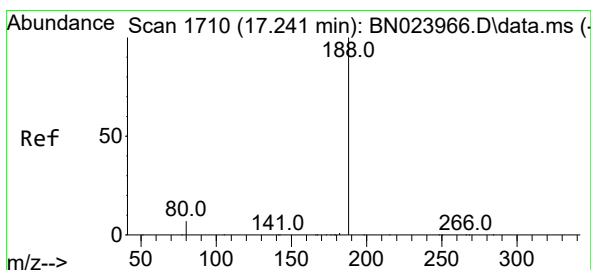
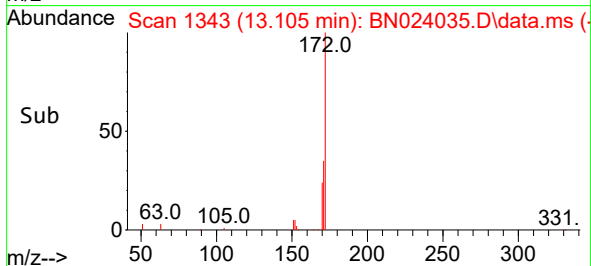
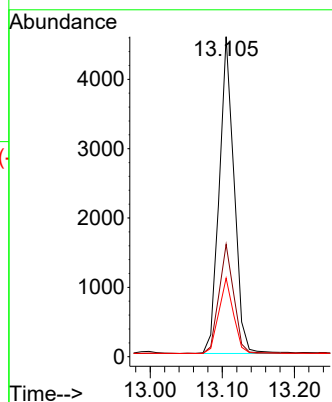
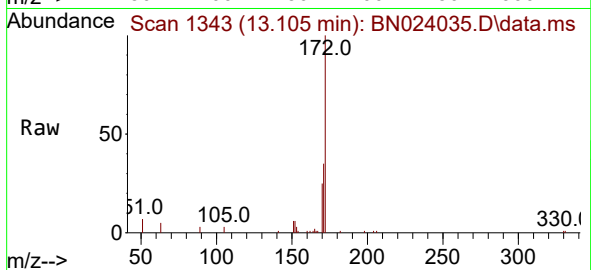
Tgt Ion:172 Resp: 6499

Ion Ratio Lower Upper

172 100

171 35.1 27.4 41.2

170 24.6 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: BN024035.D

Acq: 14 Feb 2023 22:22

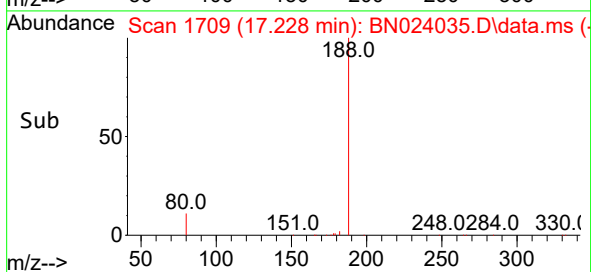
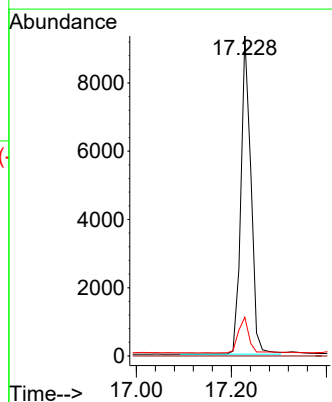
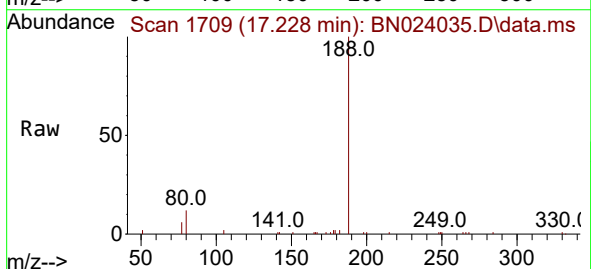
Tgt Ion:188 Resp: 13639

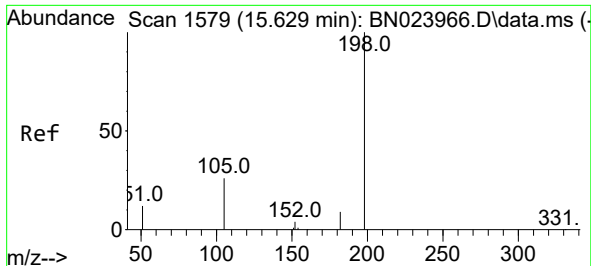
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 6.1 9.1#

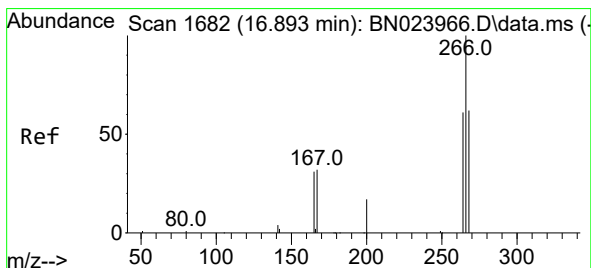
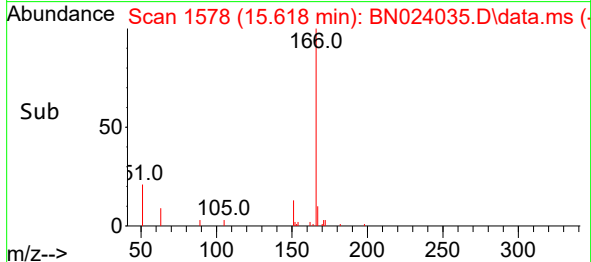
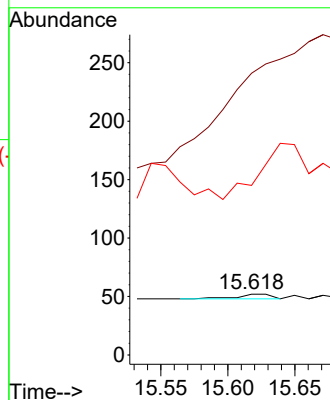
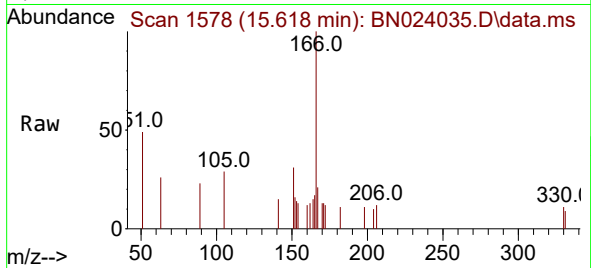




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.618 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

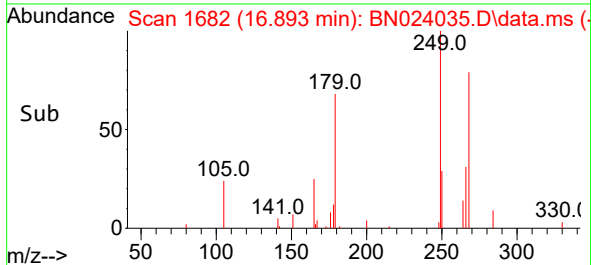
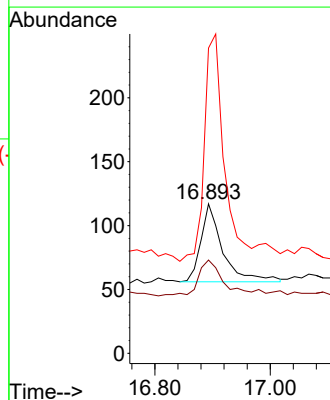
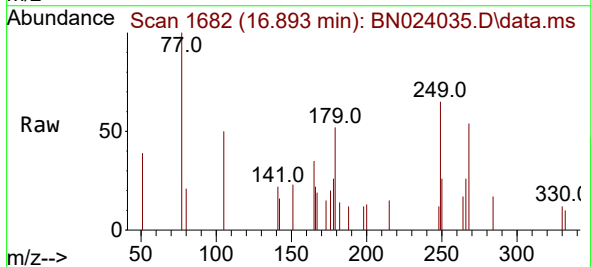
Instrument :
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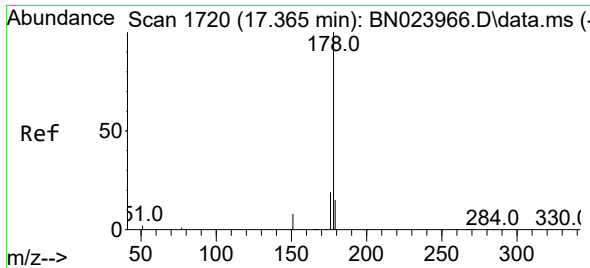
Tgt Ion:198	Resp:	7
Ion	Ratio	Lower Upper
198	100	
51	463.5	36.8 55.2#
105	278.8	28.8 43.2#



#24
Pentachlorophenol
Concen: 0.199 ng
RT: 16.893 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion:266	Resp:	161
Ion	Ratio	Lower Upper
266	100	
264	48.4	47.6 71.4
268	260.2	47.5 71.3#

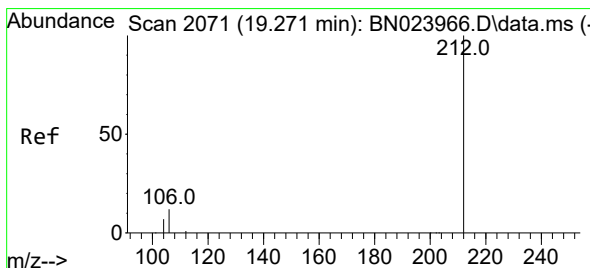
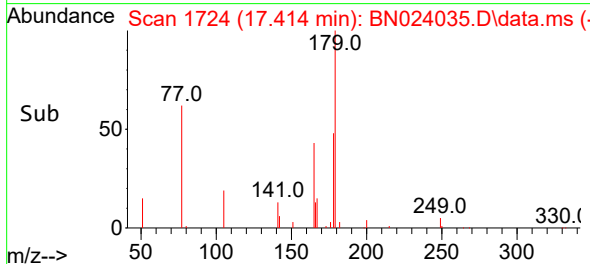
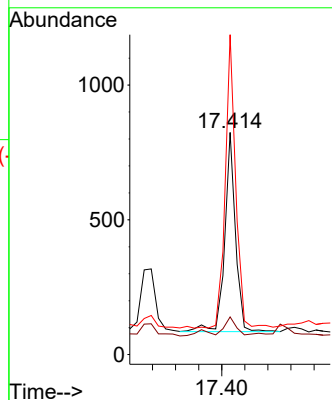
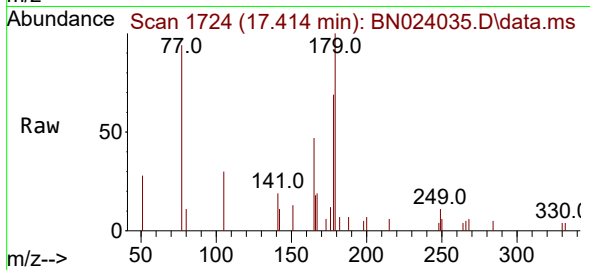




#26
 Anthracene
 Concen: 0.031 ng
 RT: 17.414 min Scan# 1724
 Delta R.T. 0.050 min
 Lab File: BN024035.D
 Acq: 14 Feb 2023 22:22

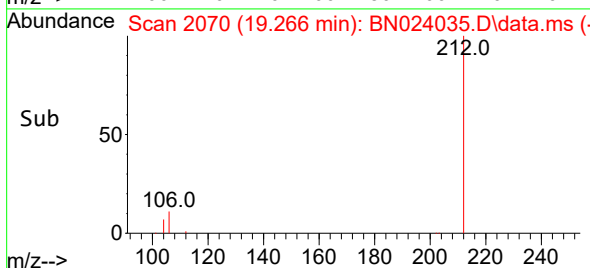
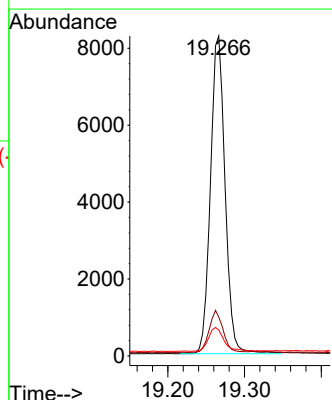
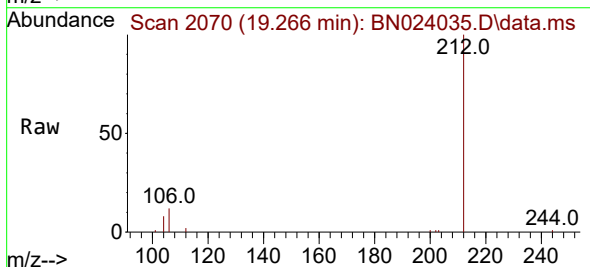
Instrument :
 BNA_N
 ClientSampleId :
 MW-15B-35-45-020923

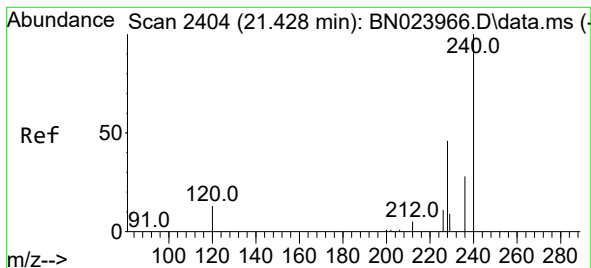
Tgt Ion:178 Resp: 962
 Ion Ratio Lower Upper
 178 100
 176 9.1 14.9 22.3#
 179 142.7 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.330 ng
 RT: 19.266 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN024035.D
 Acq: 14 Feb 2023 22:22

Tgt Ion:212 Resp: 10935
 Ion Ratio Lower Upper
 212 100
 106 12.5 9.2 13.8
 104 7.8 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: BN024035.D

Acq: 14 Feb 2023 22:22

Instrument :

BNA_N

ClientSampleId :

MW-15B-35-45-020923

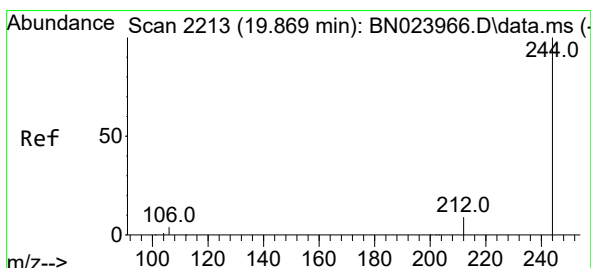
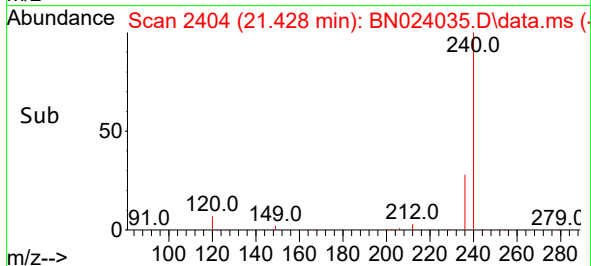
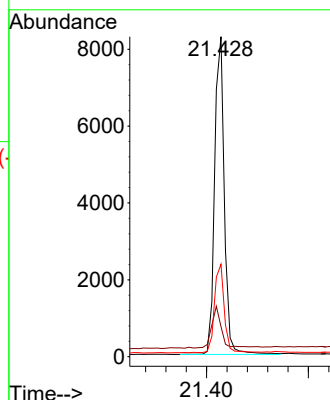
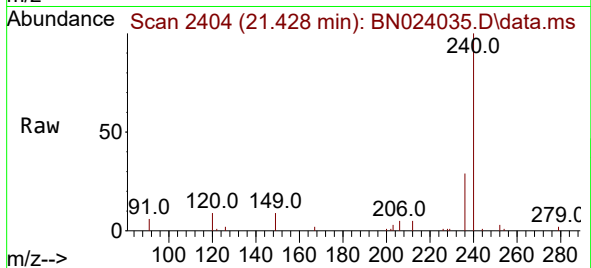
Tgt Ion:240 Resp: 10929

Ion Ratio Lower Upper

240 100

120 9.4 11.4 17.0#

236 28.9 23.2 34.8



#31

Terphenyl-d14

Concen: 0.431 ng

RT: 19.865 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BN024035.D

Acq: 14 Feb 2023 22:22

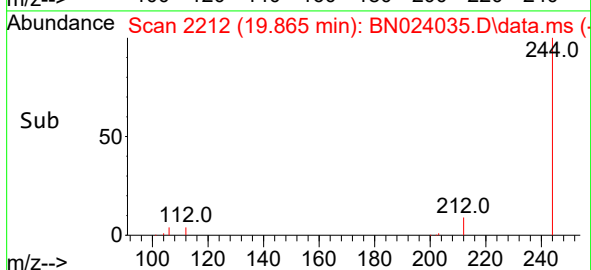
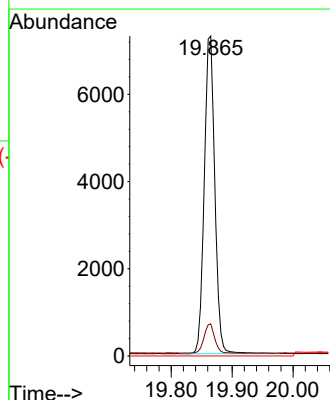
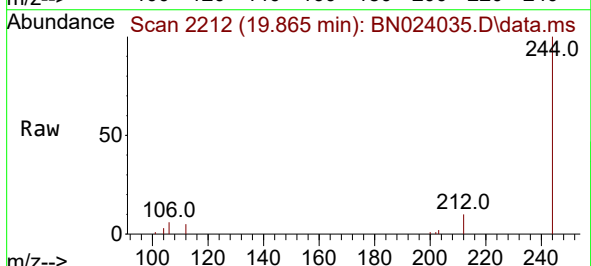
Tgt Ion:244 Resp: 8796

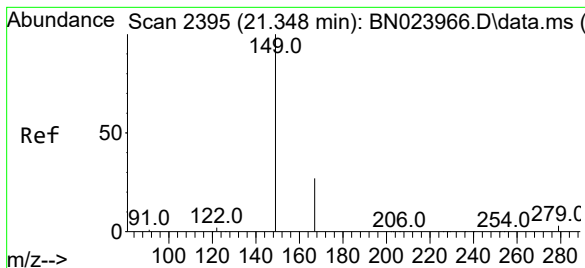
Ion Ratio Lower Upper

244 100

212 10.1 7.7 11.5

122 0.0 0.0 0.0

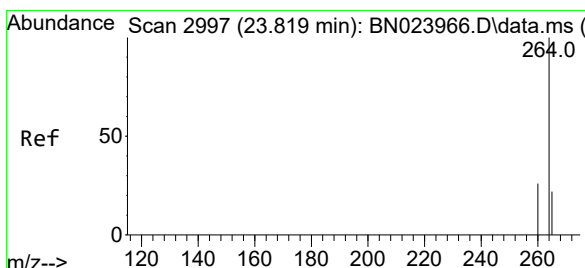
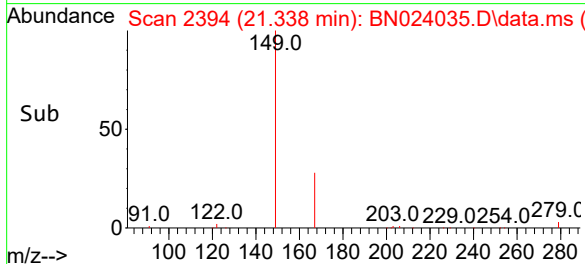
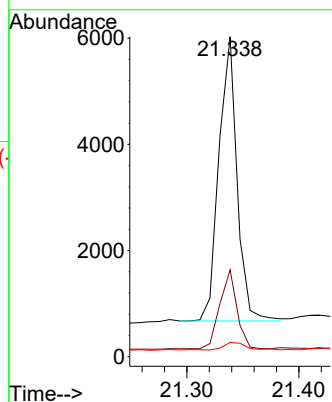
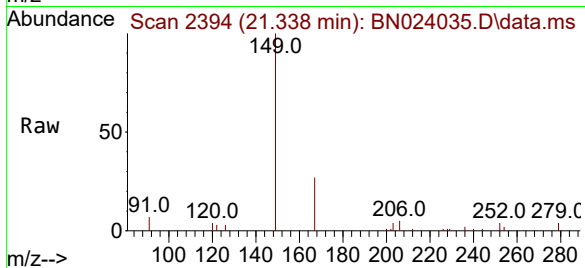




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.338 min Scan# 21338
Delta R.T. 0.000 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Instrument :
BNA_N
ClientSampleId :
MW-15B-35-45-020923

Tgt Ion:149 Resp: 6056
Ion Ratio Lower Upper
149 100
167 26.6 21.1 31.7
279 3.2 3.1 4.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.811 min Scan# 2994
Delta R.T. -0.009 min
Lab File: BN024035.D
Acq: 14 Feb 2023 22:22

Tgt Ion:264 Resp: 1744
Ion Ratio Lower Upper
264 100
260 35.8 21.4 32.0#
265 300.1 41.4 62.0#

