

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020351.D
 Acq On : 22 Jun 2022 19:48
 Operator : CG/JU
 Sample : N3368-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-103

Quant Time: Jun 23 02:50:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

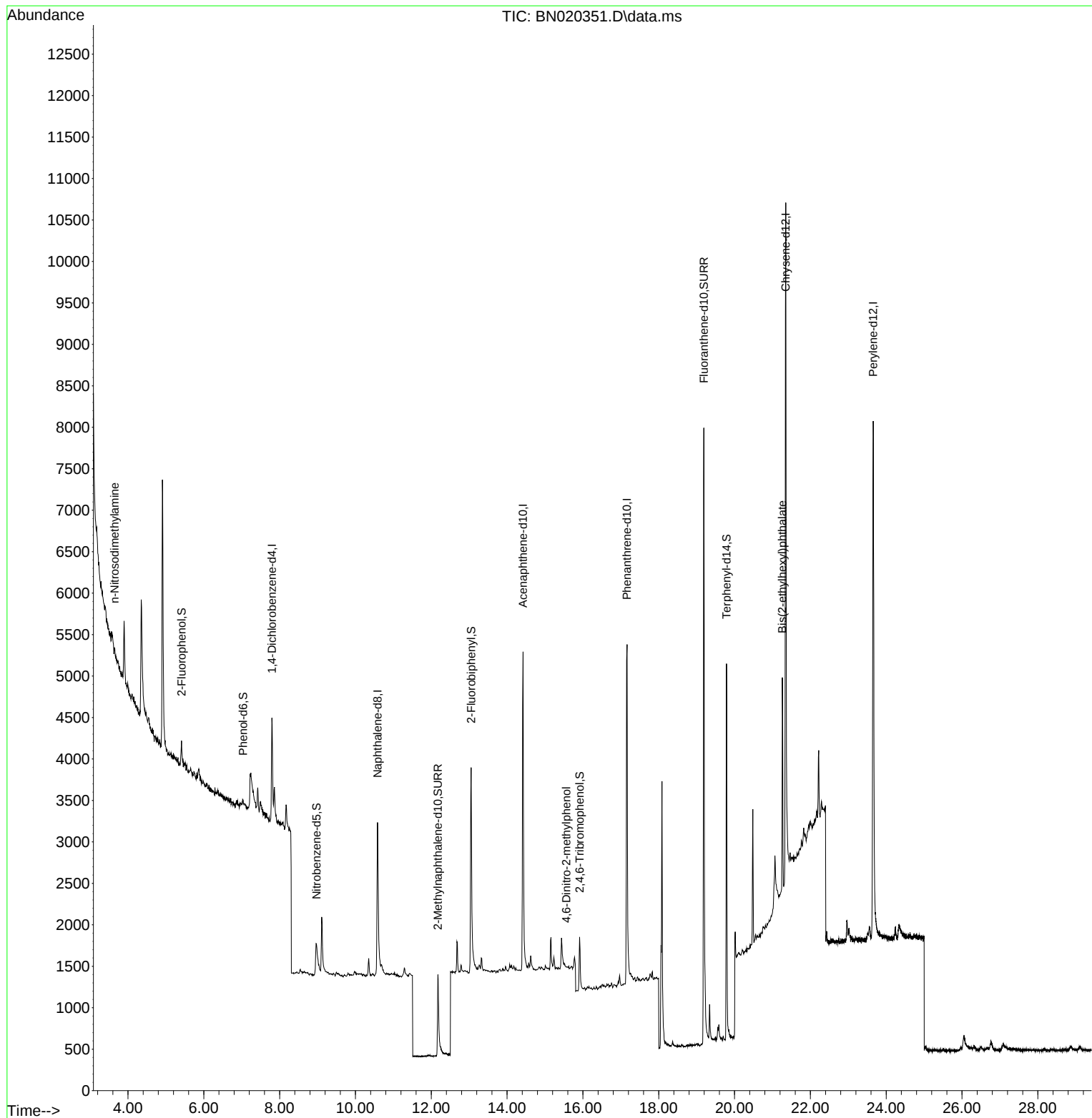
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	885	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	3514	0.400	ng	# 0.00
13) Acenaphthene-d10	14.420	164	2828	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	7508	0.400	ng	0.00
29) Chrysene-d12	21.351	240	9354	0.400	ng	# 0.00
35) Perylene-d12	23.656	264	9829	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	367	0.142	ng	0.00
5) Phenol-d6	7.038	99	251	0.075	ng	0.03
8) Nitrobenzene-d5	8.971	82	653	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.178	152	2086	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.913	330	415	0.309	ng	0.00
15) 2-Fluorobiphenyl	13.052	172	3132	0.310	ng	0.00
27) Fluoranthene-d10	19.189	212	9335	0.355	ng	0.00
31) Terphenyl-d14	19.788	244	5607	0.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	19	Below Cal	#	14
3) n-Nitrosodimethylamine	3.644	42	20	0.022 ng	#	1
20) 4,6-Dinitro-2-methylph...	15.564	198	3	0.115 ng	#	1
34) Bis(2-ethylhexyl)phtha...	21.261	149	2631	0.171 ng	#	97

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

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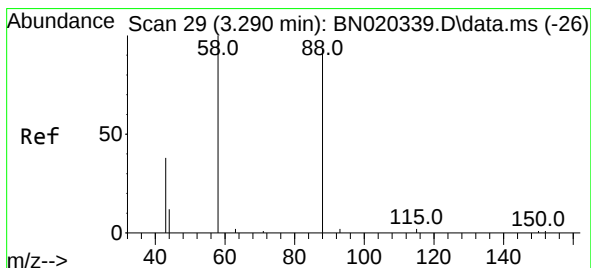
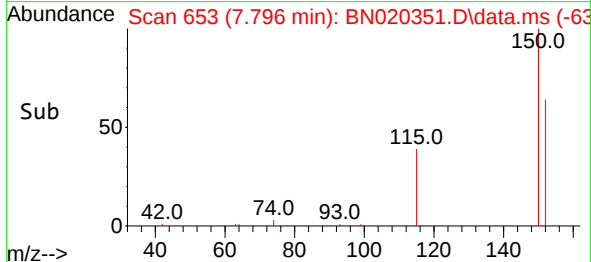
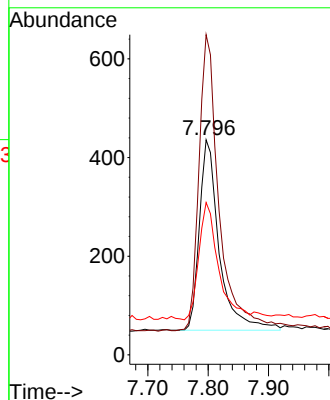
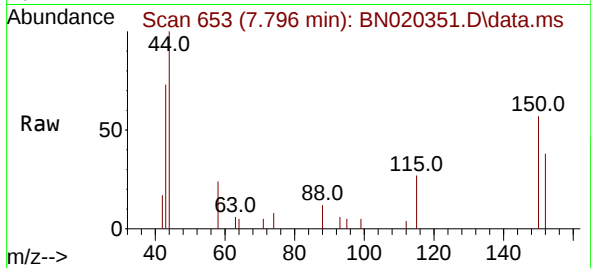




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.796 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

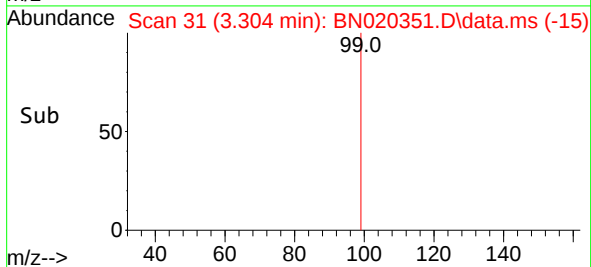
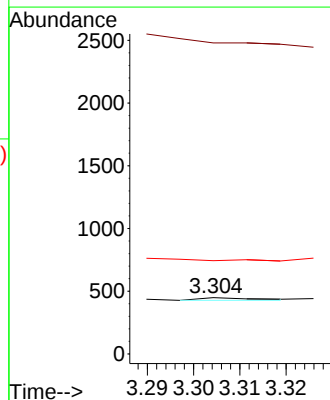
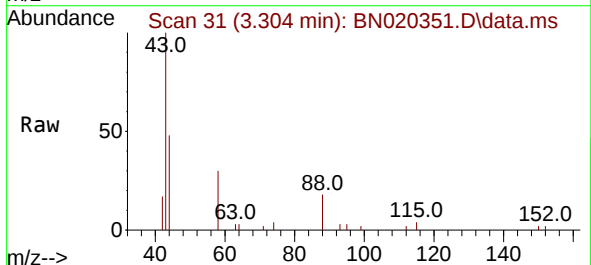
Instrument :
BNA_N
ClientSampleId :
MW-103

Tgt Ion:152 Resp: 885
Ion Ratio Lower Upper
152 100
150 148.9 127.9 191.9
115 70.9 51.4 77.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.304 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 0.0 73.0 109.6#

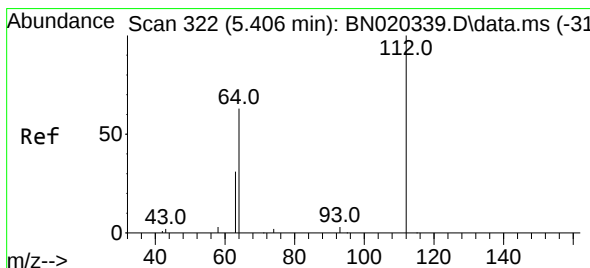
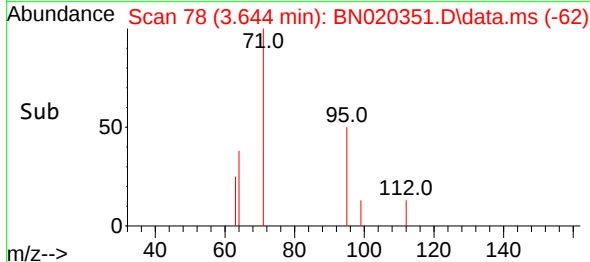
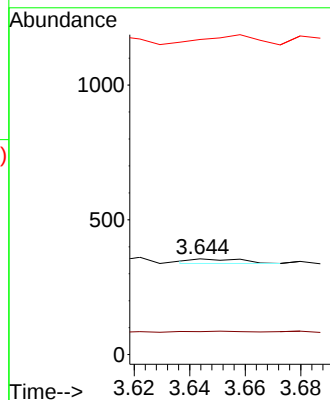
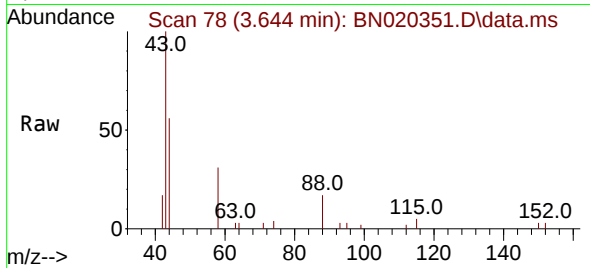




#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.644 min Scan# 71
Delta R.T. 0.014 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

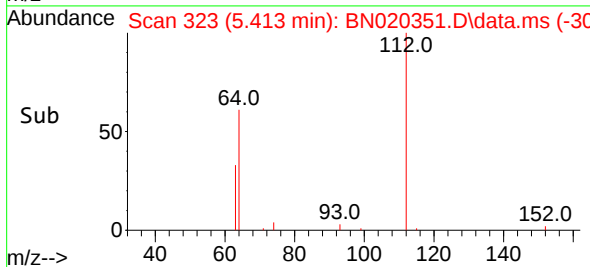
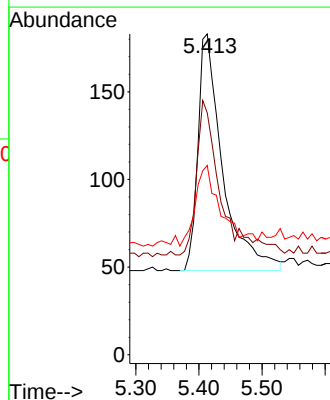
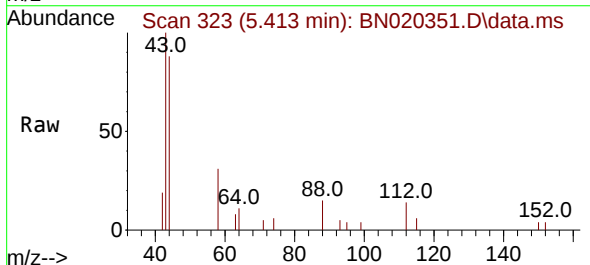
Instrument :
BNA_N
ClientSampleId :
MW-103

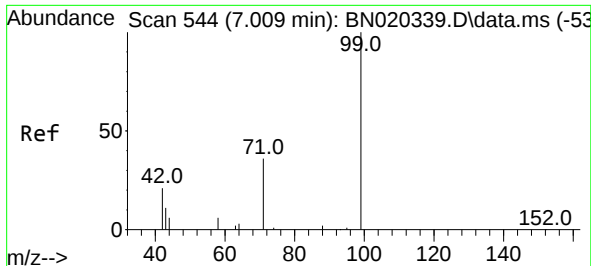
Tgt Ion: 42 Resp: 20
Ion Ratio Lower Upper
42 100
74 35.0 84.0 126.0#
44 240.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

Tgt Ion: 112 Resp: 367
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 32.4 26.3 39.5

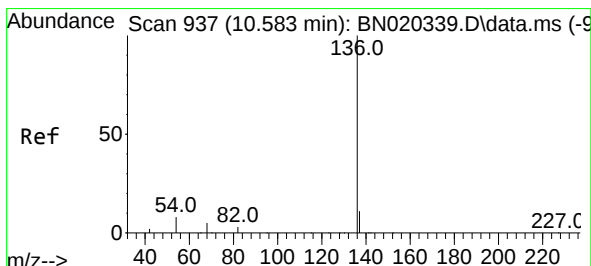
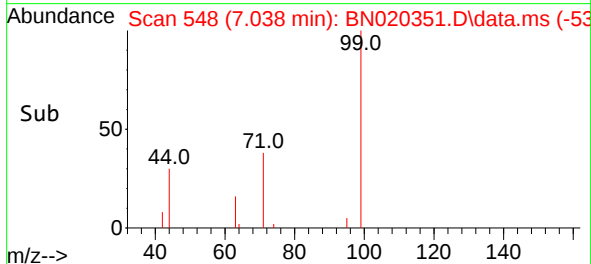
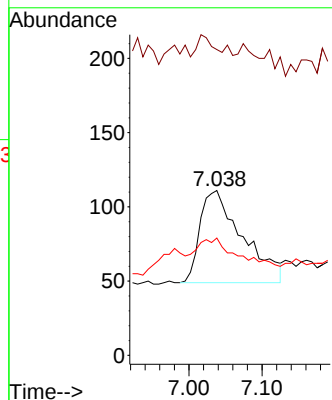
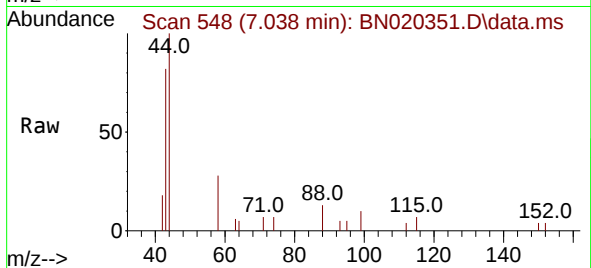




#5
Phenol-d6
Concen: 0.075 ng
RT: 7.038 min Scan# 544
Delta R.T. 0.029 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

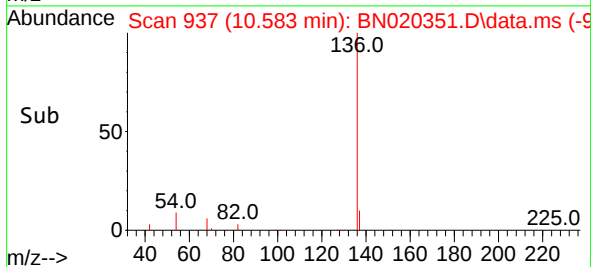
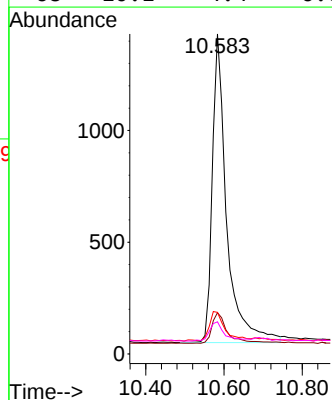
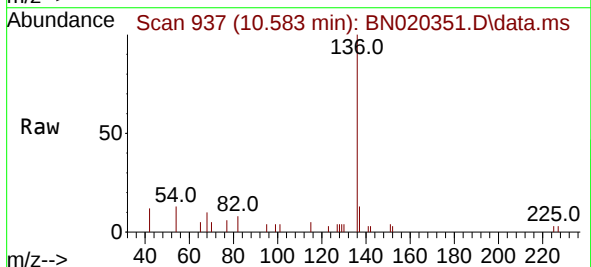
Instrument :
BNA_N
ClientSampleId :
MW-103

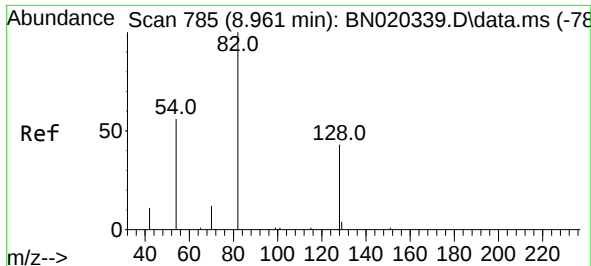
Tgt Ion: 99 Resp: 251
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 32.7 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

Tgt Ion: 136 Resp: 3514
Ion Ratio Lower Upper
136 100
137 12.9 9.0 13.6
54 13.0 6.2 9.2#
68 10.1 4.4 6.6#

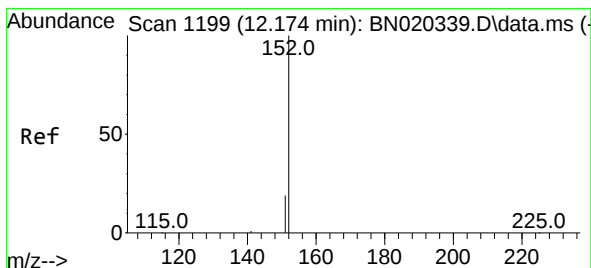
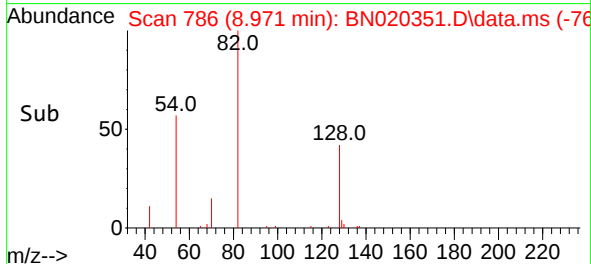
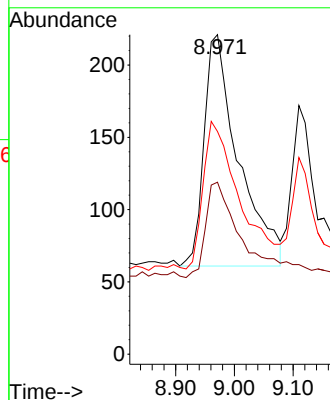
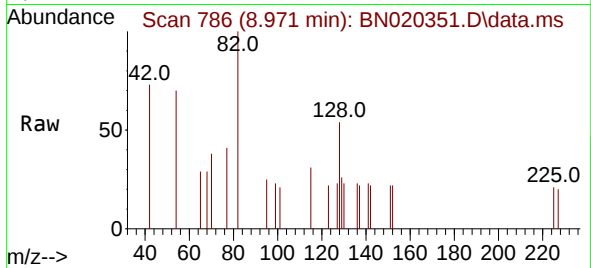




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.971 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

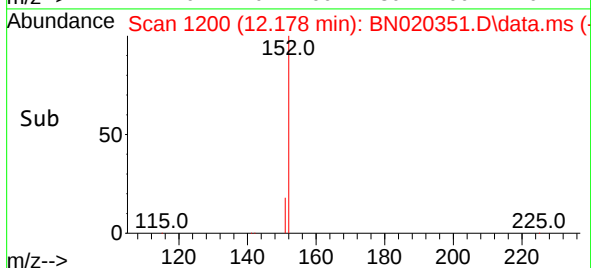
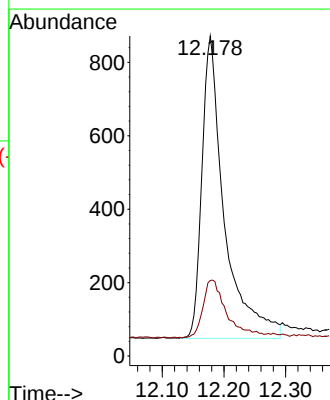
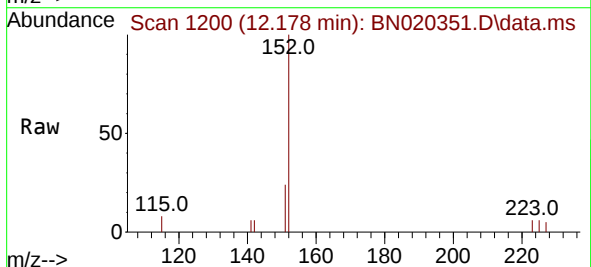
Instrument :
BNA_N
ClientSampleId :
MW-103

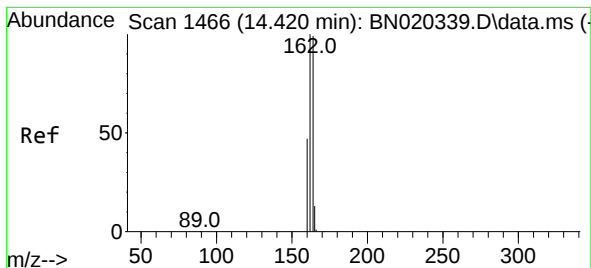
Tgt Ion: 82 Resp: 653
Ion Ratio Lower Upper
82 100
128 53.8 35.0 52.6#
54 69.7 46.2 69.4#



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.178 min Scan# 1200
Delta R.T. 0.004 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

Tgt Ion: 152 Resp: 2086
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

Instrument :

BNA_N

ClientSampleId :

MW-103

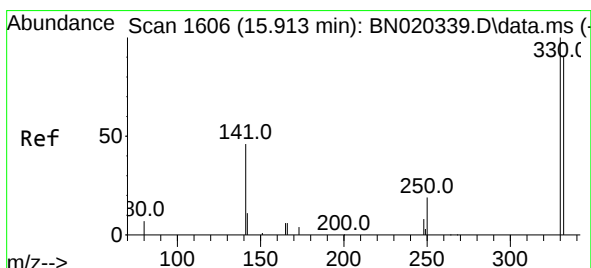
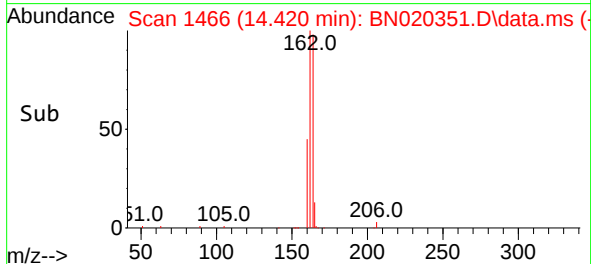
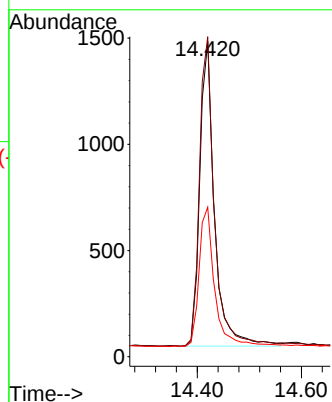
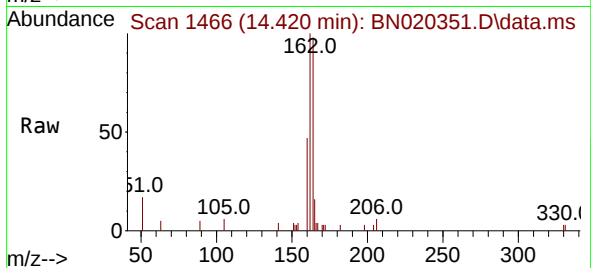
Tgt Ion:164 Resp: 2828

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

160 47.4 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.309 ng

RT: 15.913 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

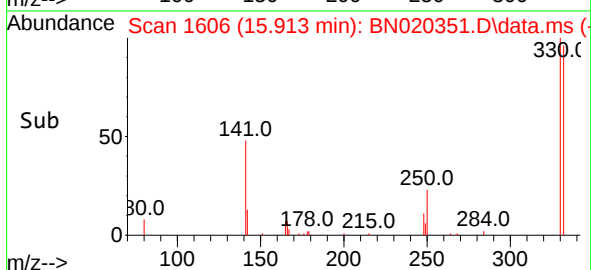
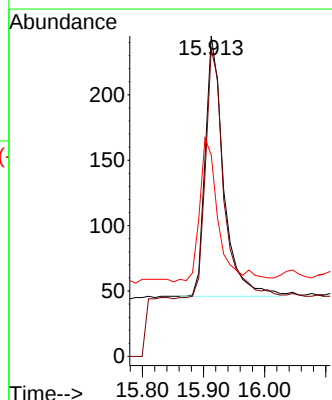
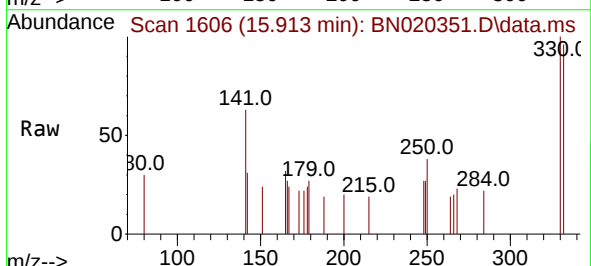
Tgt Ion:330 Resp: 415

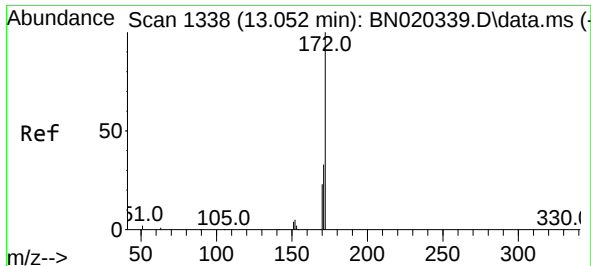
Ion Ratio Lower Upper

330 100

332 98.8 77.6 116.4

141 56.9 41.0 61.4

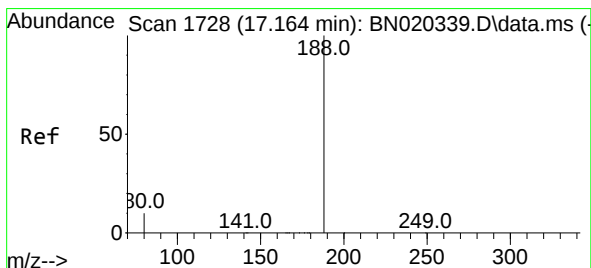
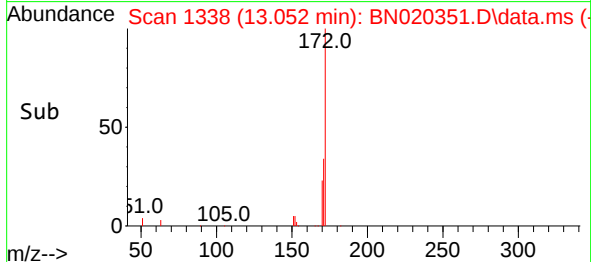
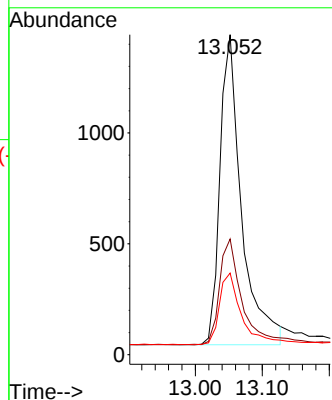
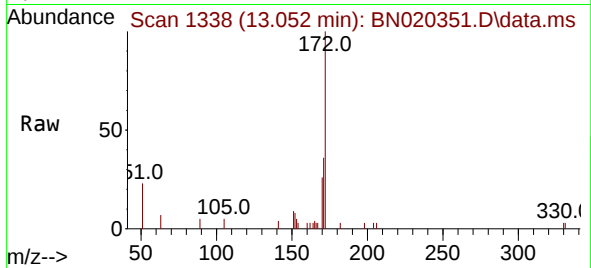




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.052 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

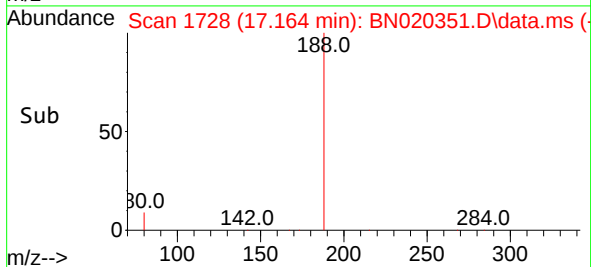
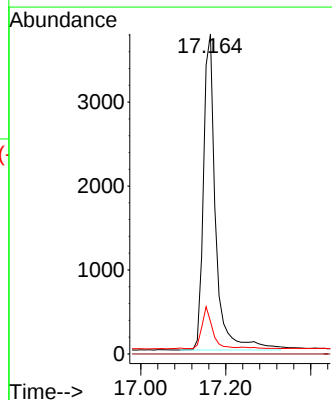
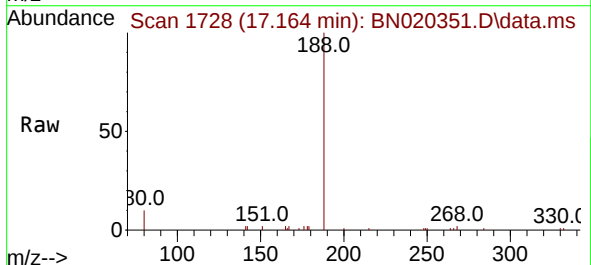
Instrument :
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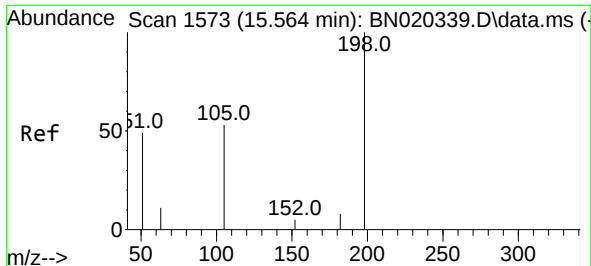
Tgt Ion:	172	Resp:	3132
Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.2	40.8
170	25.5	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN020351.D
Acq: 22 Jun 2022 19:48

Tgt Ion:	188	Resp:	7508
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.564 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

Instrument :

BNA_N

ClientSampleId :

MW-103

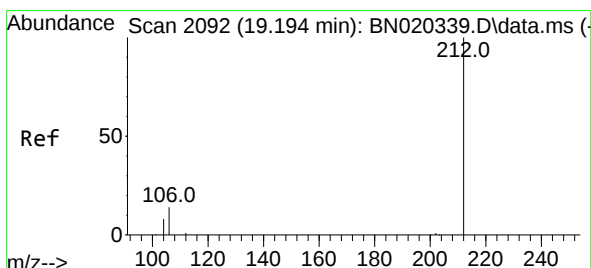
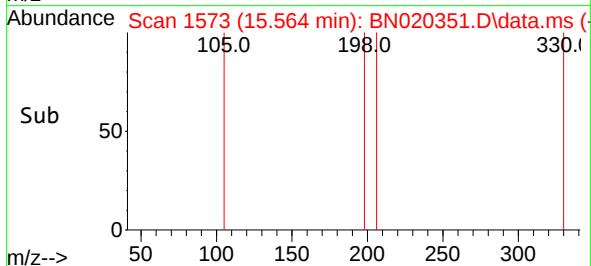
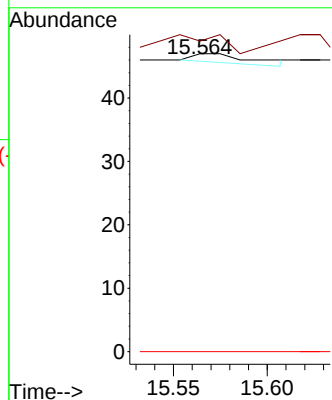
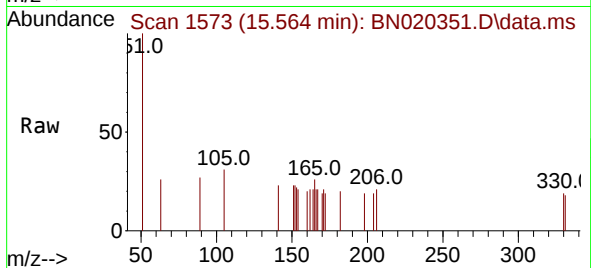
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

182 104.3 12.1 18.1#

77 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.189 min Scan# 2091

Delta R.T. -0.004 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

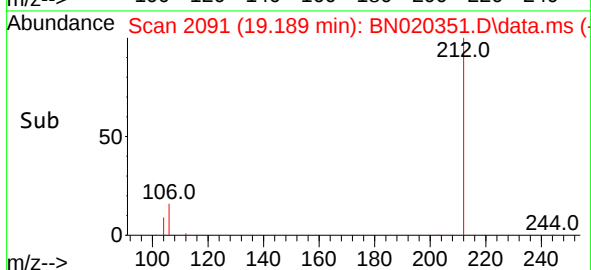
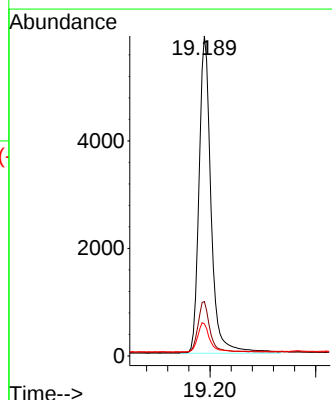
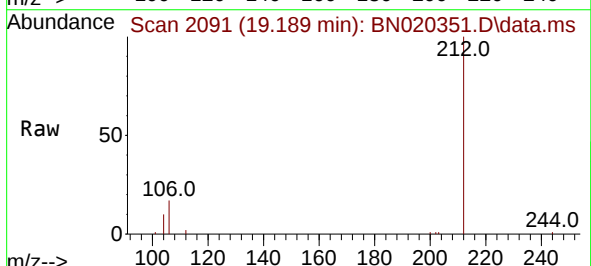
Tgt Ion:212 Resp: 9335

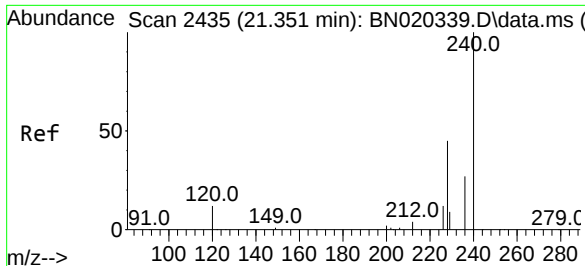
Ion Ratio Lower Upper

212 100

106 16.2 12.6 19.0

104 9.0 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.351 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

Instrument :

BNA_N

ClientSampleId :

MW-103

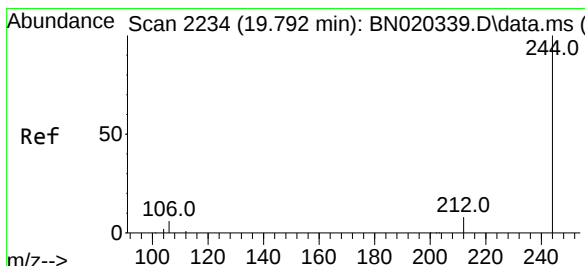
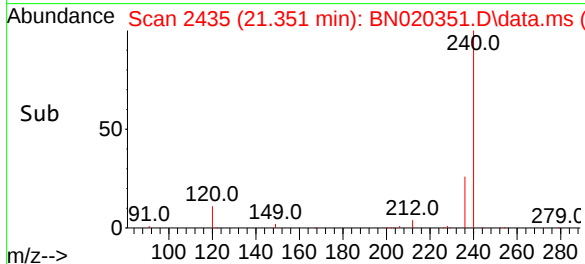
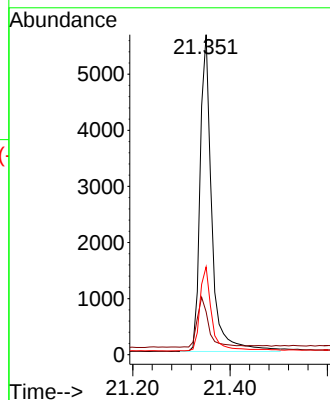
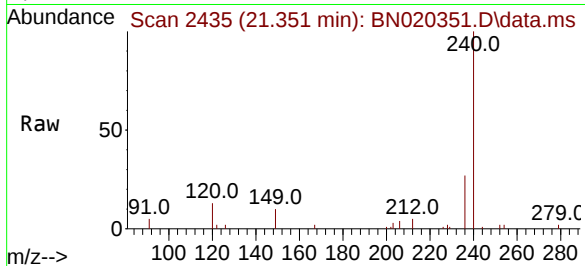
Tgt Ion:240 Resp: 9354

Ion Ratio Lower Upper

240 100

120 13.4 14.6 21.8#

236 27.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.301 ng

RT: 19.788 min Scan# 2233

Delta R.T. -0.004 min

Lab File: BN020351.D

Acq: 22 Jun 2022 19:48

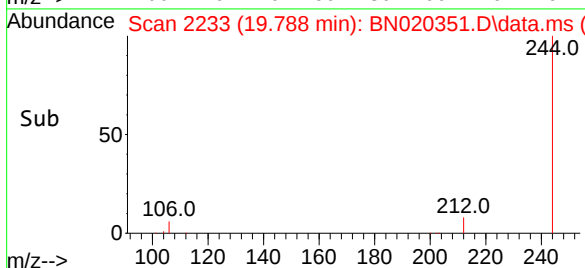
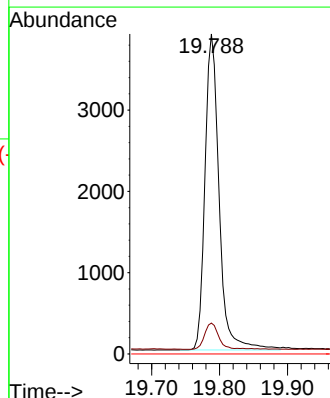
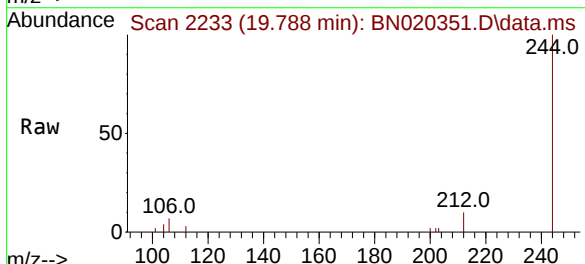
Tgt Ion:244 Resp: 5607

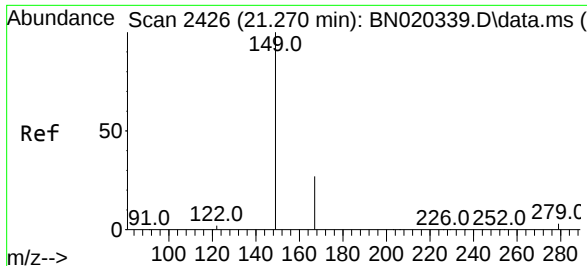
Ion Ratio Lower Upper

244 100

212 9.7 7.1 10.7

122 0.0 0.0 0.0

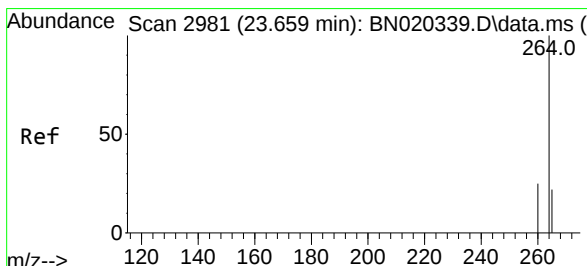
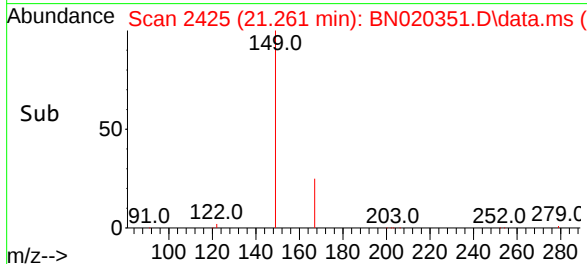
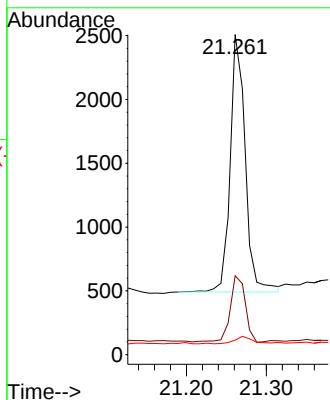
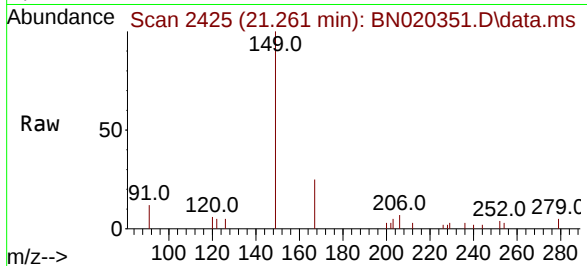




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.261 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BN020351.D
 Acq: 22 Jun 2022 19:48

Instrument :
 BNA_N
 ClientSampleId :
 MW-103

Tgt Ion:149 Resp: 2631
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.7 32.5
 279 3.6 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.656 min Scan# 2980
 Delta R.T. -0.003 min
 Lab File: BN020351.D
 Acq: 22 Jun 2022 19:48

Tgt Ion:264 Resp: 9829
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.9 31.3
 265 41.5 28.0 42.0

