

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
 Data File : BN023208.D
 Acq On : 14 Dec 2022 19:55
 Operator : CG/JU
 Sample : N6027-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-148-162-121222

Quant Time: Dec 15 02:57:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

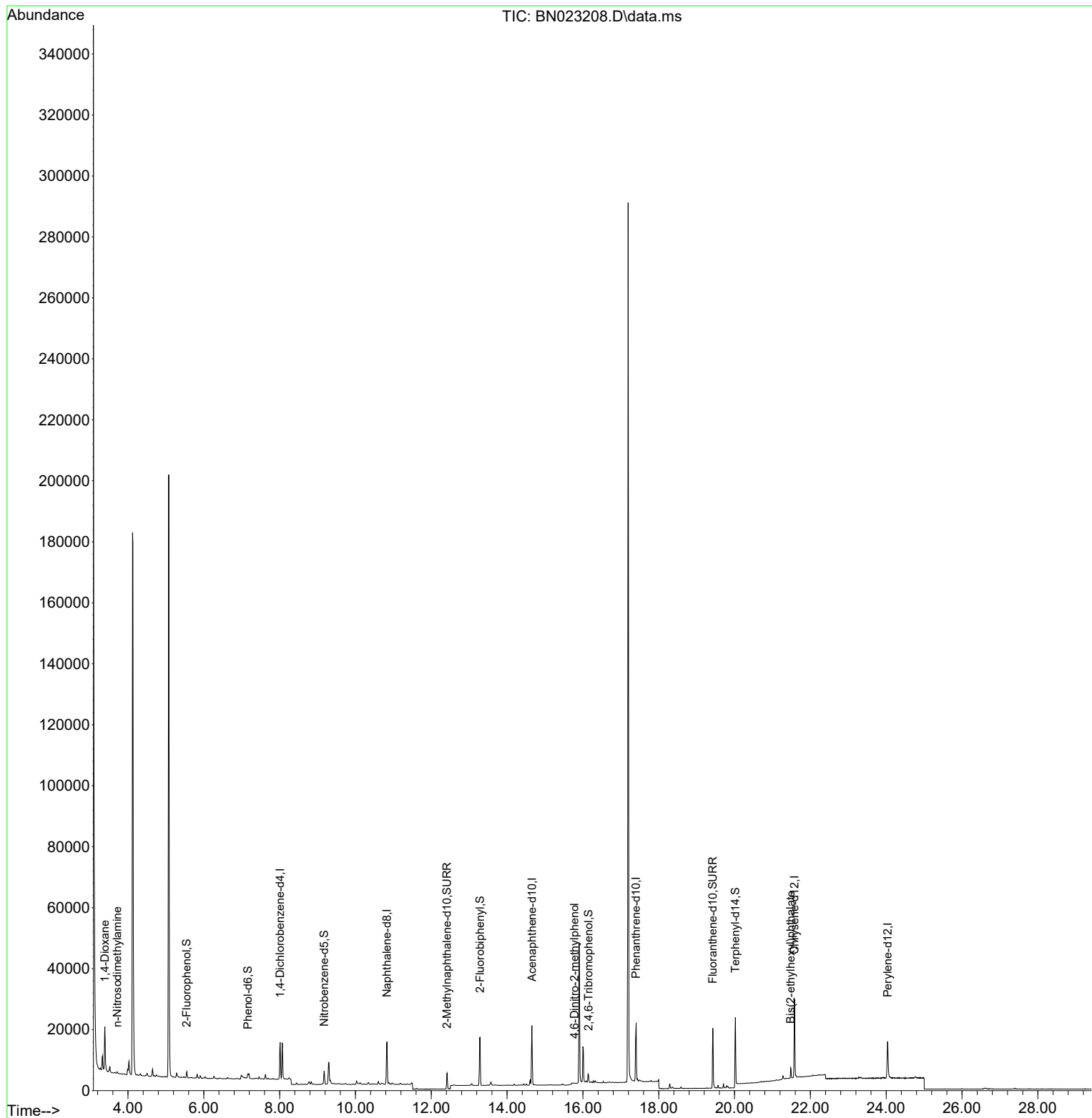
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	5707	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	17540	0.400	ng	-0.01
13) Acenaphthene-d10	14.656	164	10353	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	25146	0.400	ng	0.00
29) Chrysene-d12	21.580	240	22056	0.400	ng	# 0.00
35) Perylene-d12	24.039	264	17404	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.551	112	1447	0.136	ng	0.00
5) Phenol-d6	7.161	99	1317	0.097	ng	0.00
8) Nitrobenzene-d5	9.174	82	3348	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.416	152	6707	0.226	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1724	0.459	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	14806	0.358	ng	0.00
27) Fluoranthene-d10	19.427	212	20909	0.355	ng	0.00
31) Terphenyl-d14	20.022	244	15824	0.442	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.391	88	9780	1.736	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.716	42	192	0.035	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.776	198	4	0.233	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.482	149	3439	0.114	ng	99

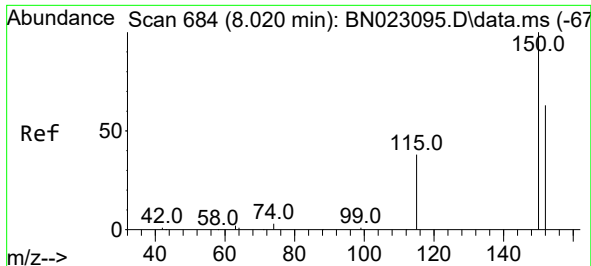
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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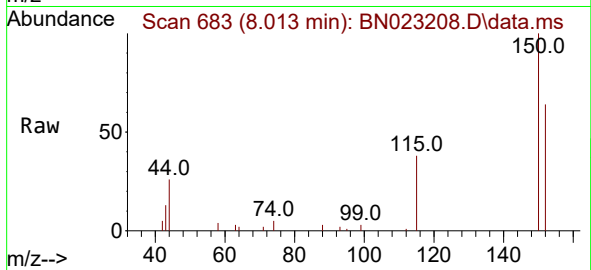
Quant Time: Dec 15 02:57:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
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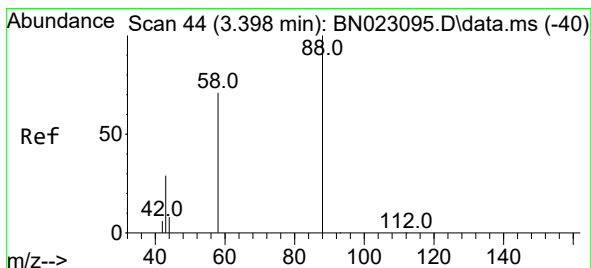
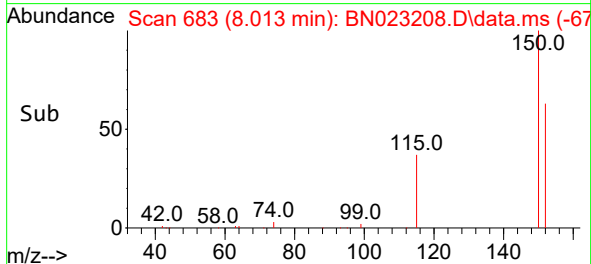
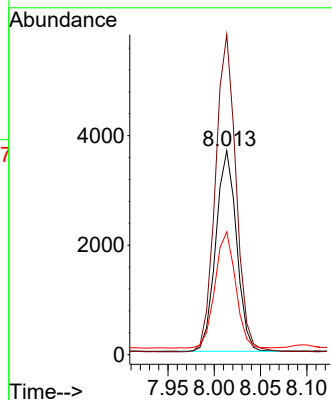


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.013 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN023208.D
 Acq: 14 Dec 2022 19:55

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-148-162-121222

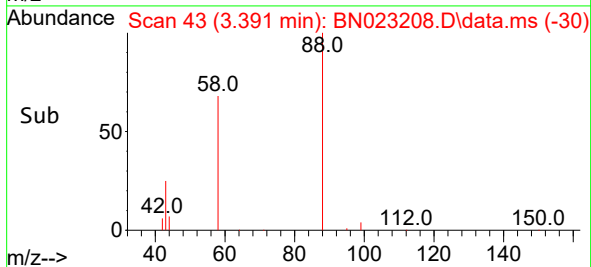
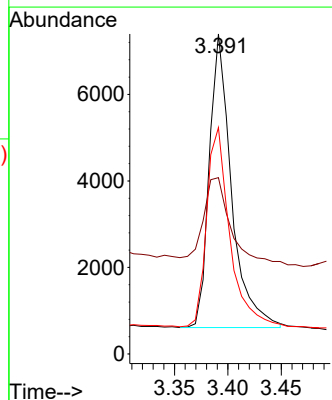
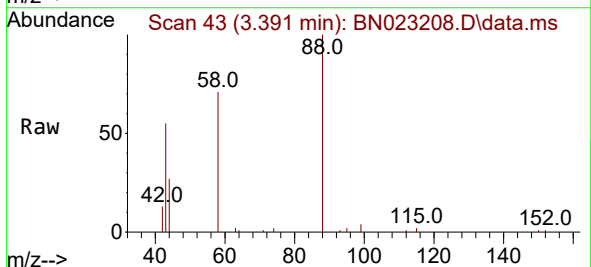


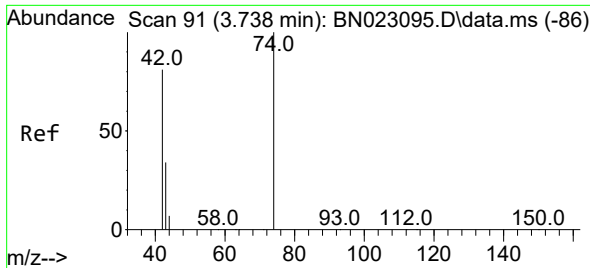
Tgt Ion:152 Resp: 5707
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.6 188.4
 115 60.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 1.736 ng
 RT: 3.391 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN023208.D
 Acq: 14 Dec 2022 19:55

Tgt Ion: 88 Resp: 9780
 Ion Ratio Lower Upper
 88 100
 43 32.9 23.3 34.9
 58 70.6 58.0 87.0

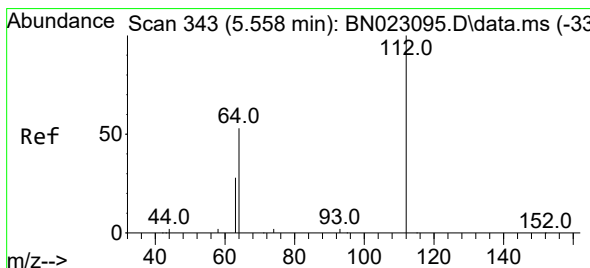
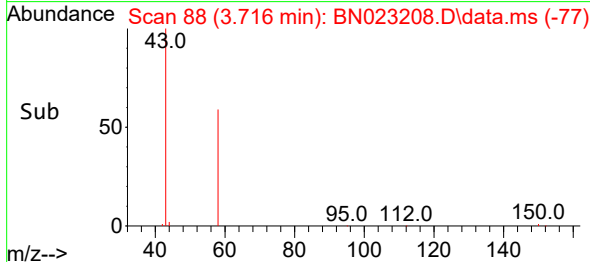
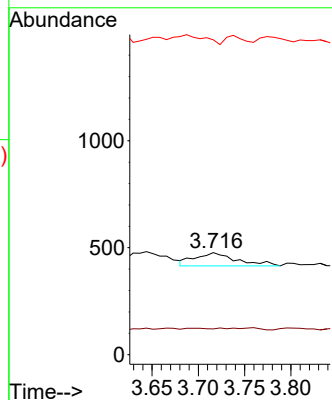
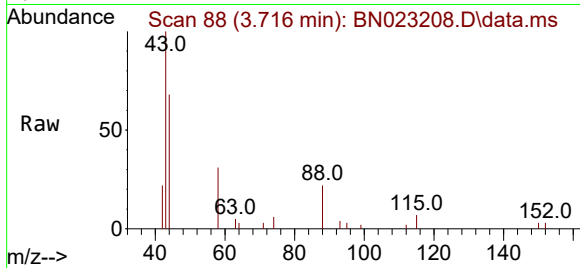




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.716 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

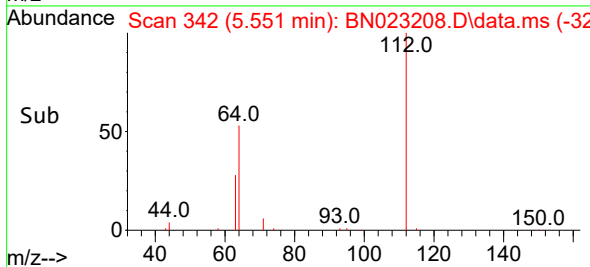
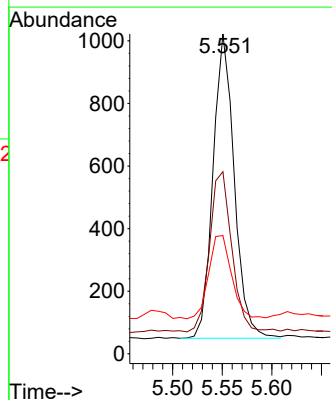
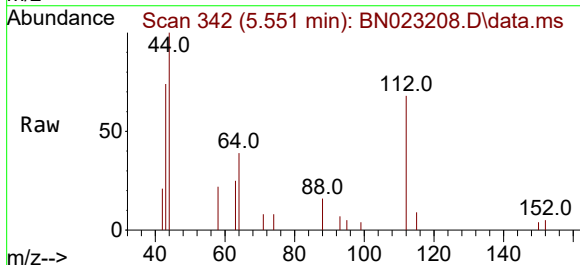
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-148-162-121222

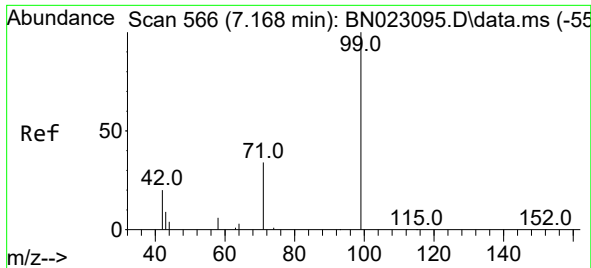
Tgt Ion: 42 Resp: 192
Ion Ratio Lower Upper
42 100
74 1.6 95.8 143.6#
44 0.0 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.551 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

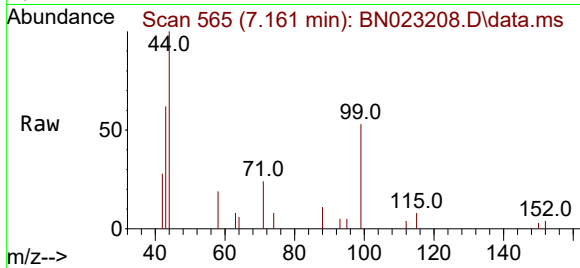
Tgt Ion: 112 Resp: 1447
Ion Ratio Lower Upper
112 100
64 55.4 44.4 66.6
63 29.5 23.7 35.5



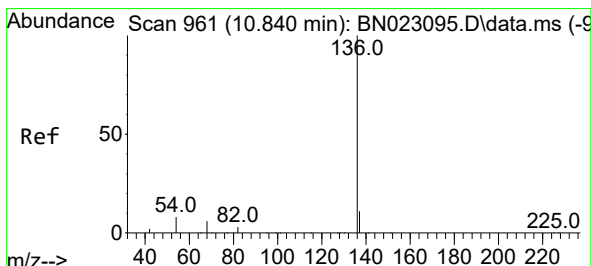
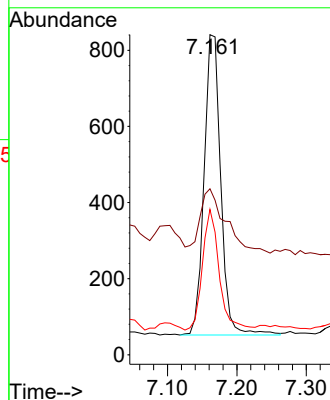
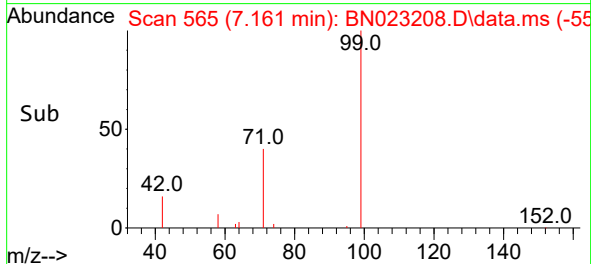


#5
Phenol-d6
Concen: 0.097 ng
RT: 7.161 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

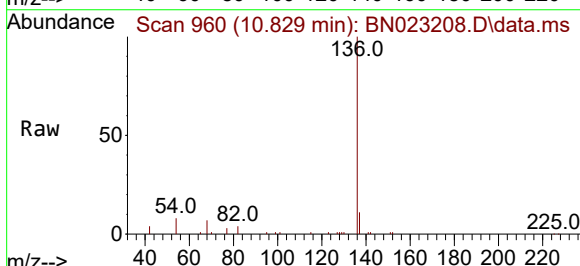
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-148-162-121222



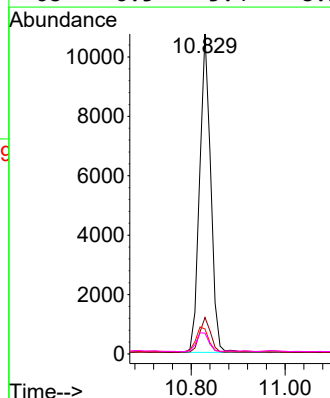
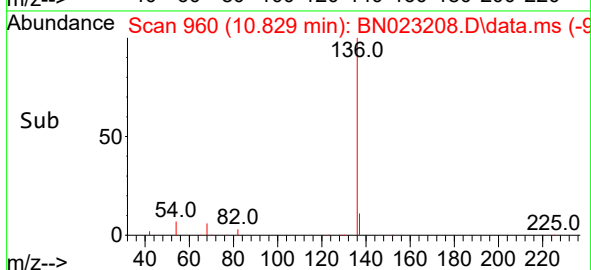
Tgt Ion: 99 Resp: 1317
Ion Ratio Lower Upper
99 100
42 33.3 16.3 24.5#
71 40.3 26.5 39.7#

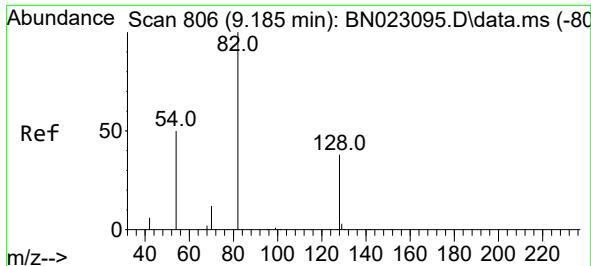


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55



Tgt Ion: 136 Resp: 17540
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.8 6.5 9.7
68 6.5 5.4 8.2

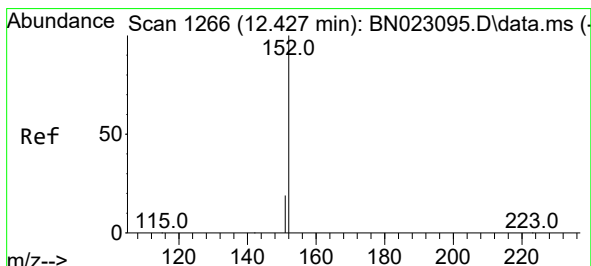
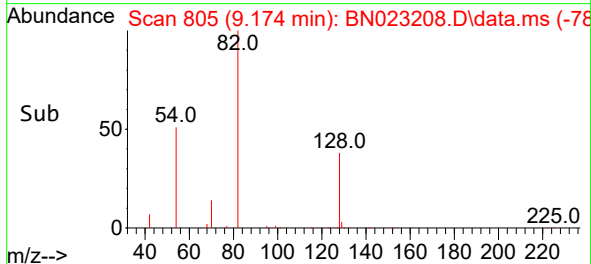
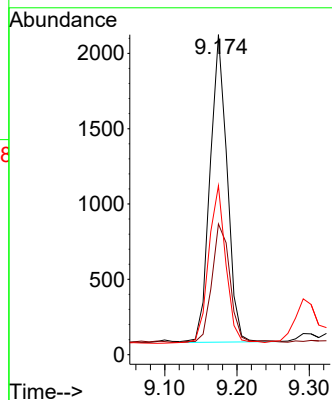
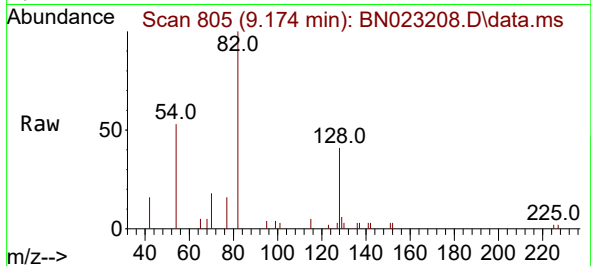




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.174 min Scan# 806
Delta R.T. -0.011 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

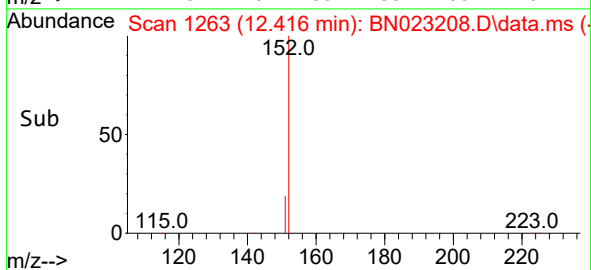
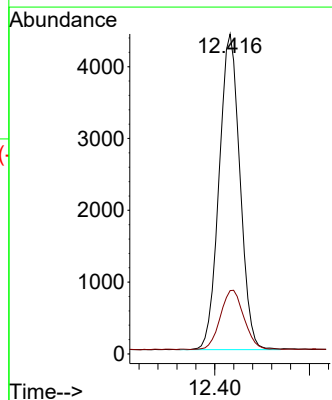
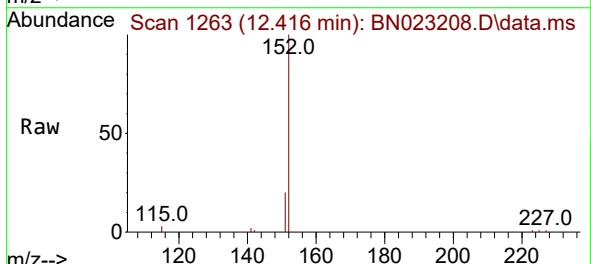
Instrument :
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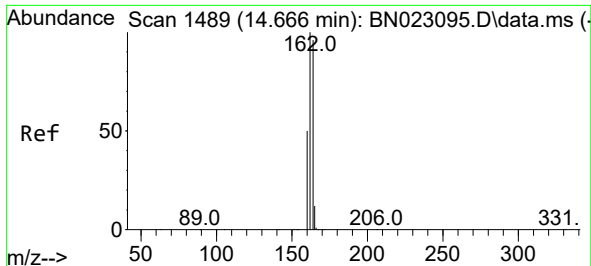
Tgt Ion: 82 Resp: 3348
Ion Ratio Lower Upper
82 100
128 40.9 31.4 47.2
54 52.8 41.0 61.4



#11
2-Methylnaphthalene-d10
Concen: 0.226 ng
RT: 12.416 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

Tgt Ion: 152 Resp: 6707
Ion Ratio Lower Upper
152 100
151 21.2 15.1 22.7

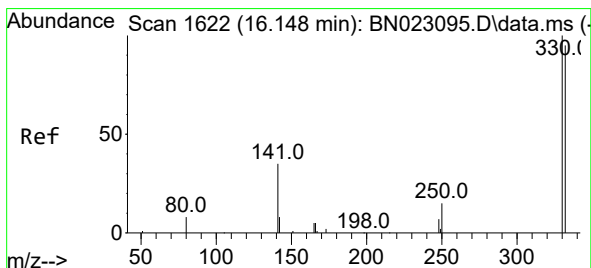
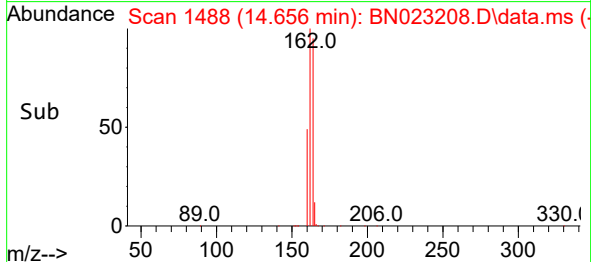
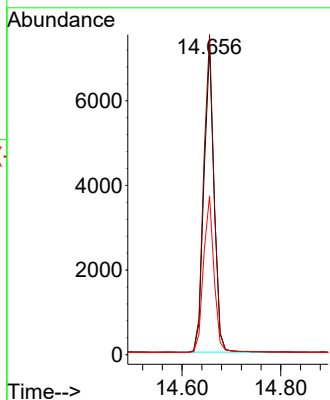
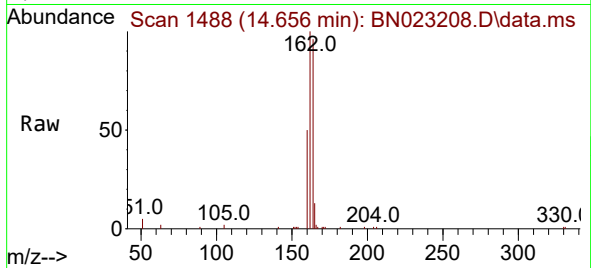




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

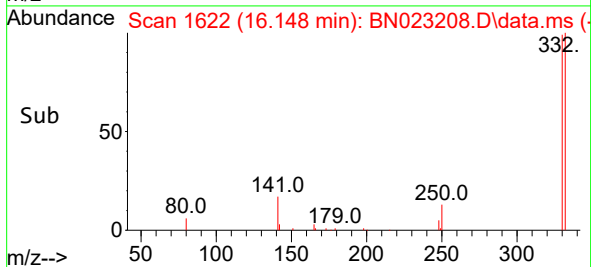
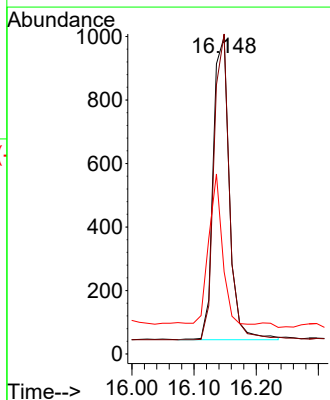
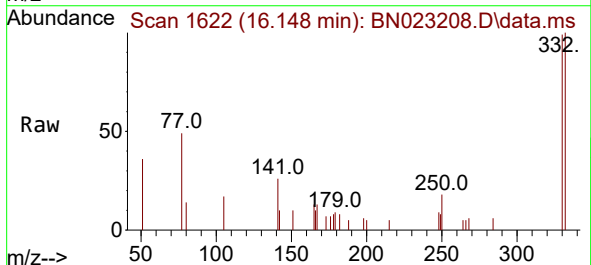
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GW-BR-04-148-162-121222

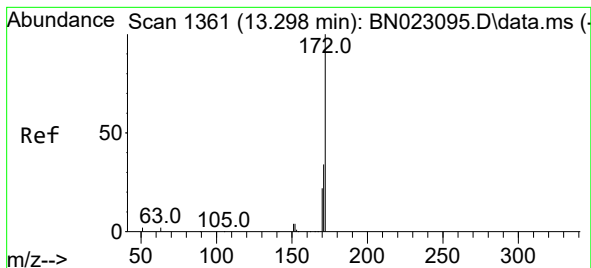
Tgt Ion:164 Resp: 10353
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 51.6 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

Tgt Ion:330 Resp: 1724
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 41.6 33.5 50.3





#15

2-Fluorobiphenyl

Concen: 0.358 ng

RT: 13.287 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023208.D

Acq: 14 Dec 2022 19:55

Instrument :

BNA_N

ClientSampleId :

GW-BR-04-148-162-121222

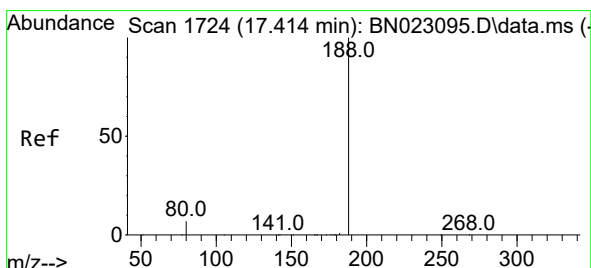
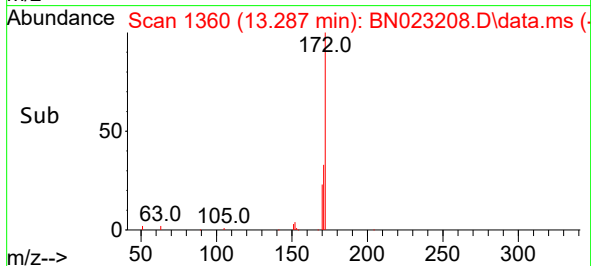
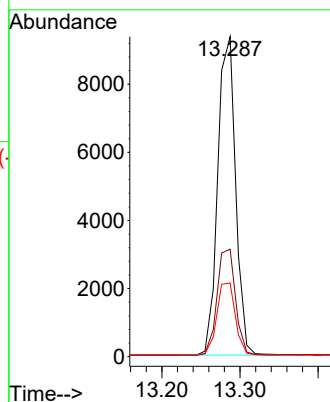
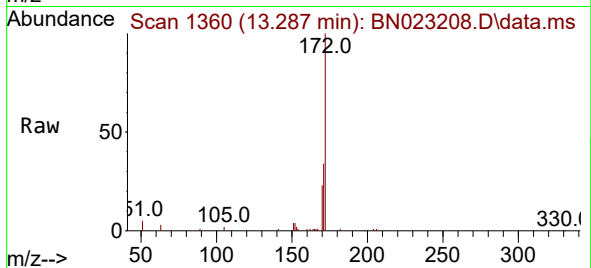
Tgt Ion:172 Resp: 14806

Ion Ratio Lower Upper

172 100

171 33.6 27.4 41.0

170 23.0 17.9 26.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN023208.D

Acq: 14 Dec 2022 19:55

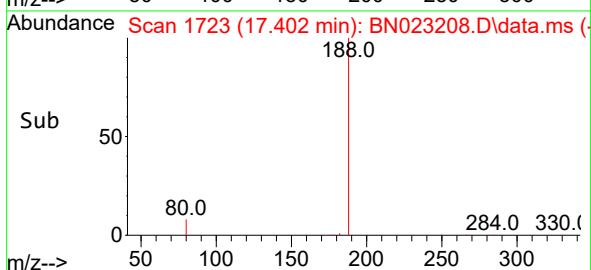
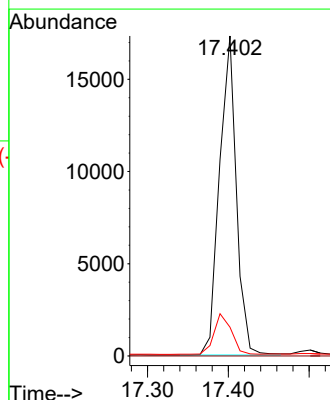
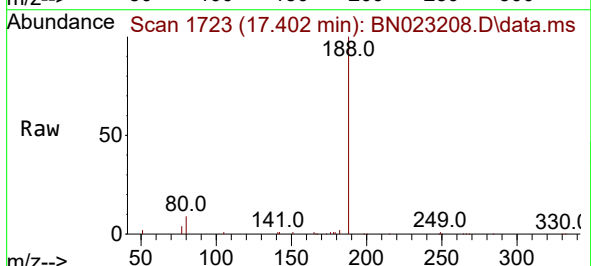
Tgt Ion:188 Resp: 25146

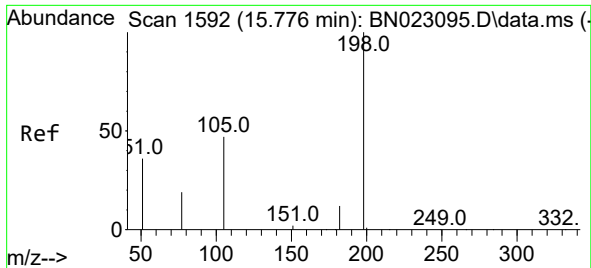
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 6.1 9.1

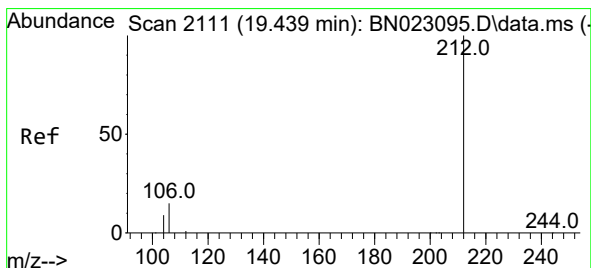
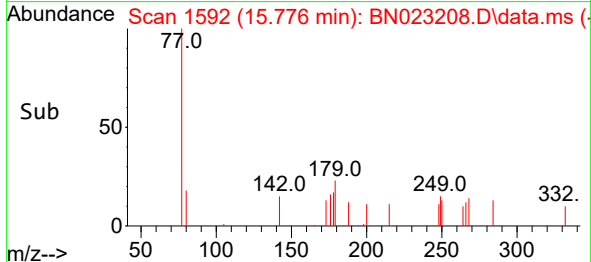
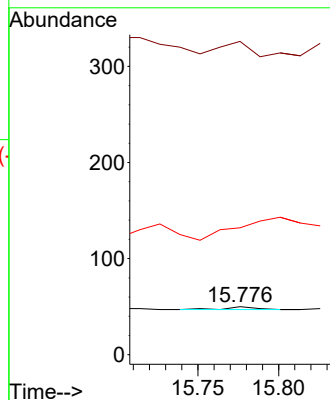
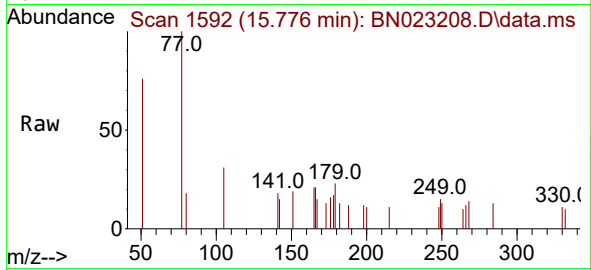




#20
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

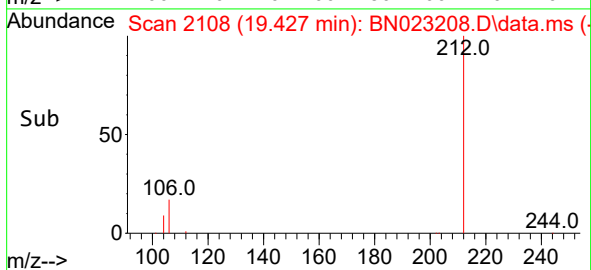
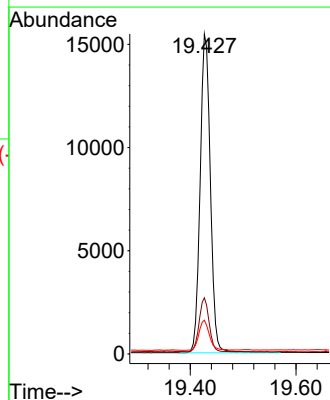
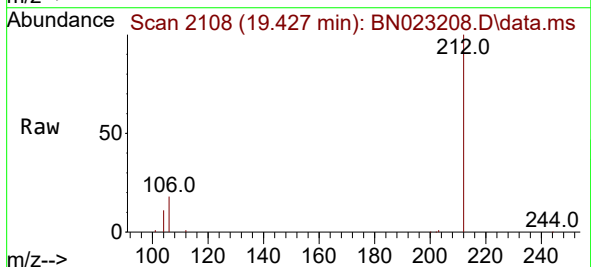
Instrument :
BNA_N
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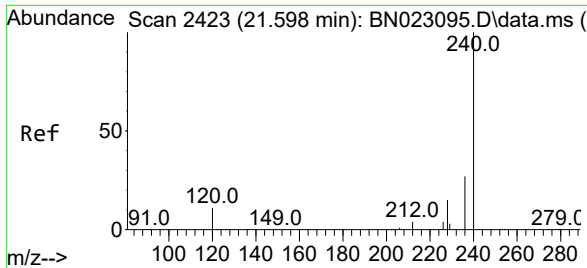
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 652.0 57.0 85.4#
105 264.0 47.2 70.8#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.427 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

Tgt Ion:212 Resp: 20909
Ion Ratio Lower Upper
212 100
106 16.4 13.0 19.4
104 9.7 7.5 11.3

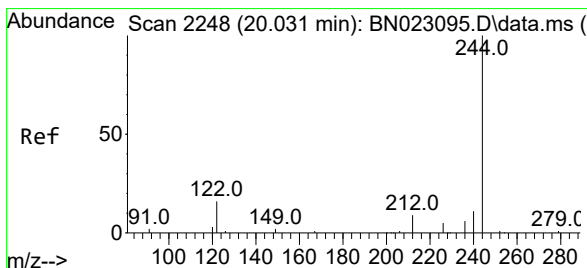
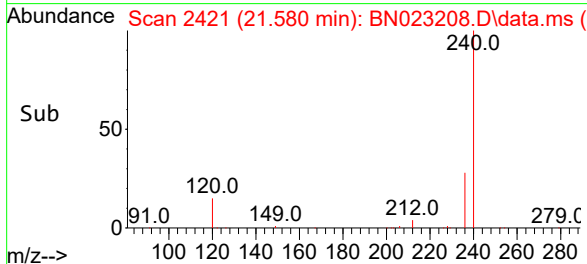
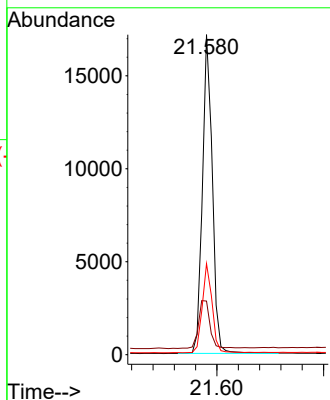
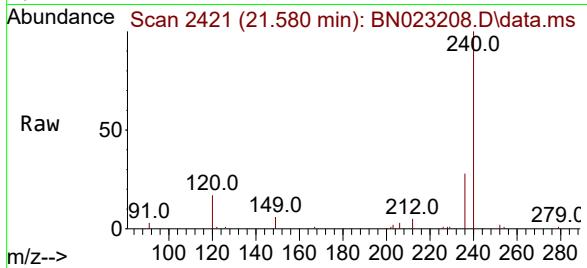




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.580 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

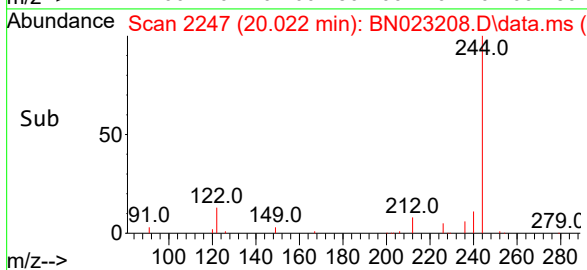
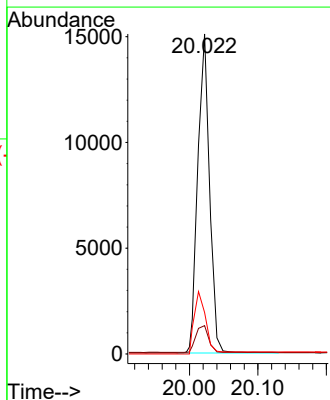
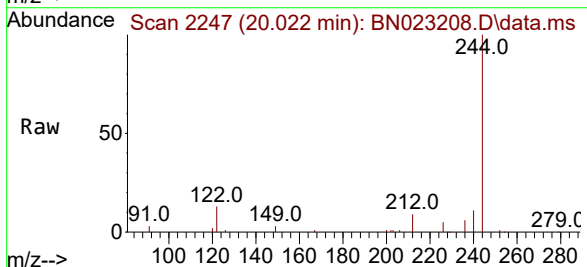
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-148-162-121222

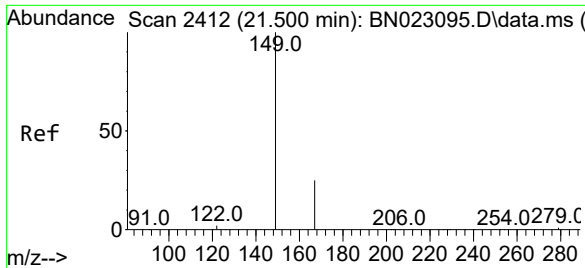
Tgt Ion:240 Resp: 22056
Ion Ratio Lower Upper
240 100
120 16.8 10.1 15.1#
236 28.4 22.2 33.4



#31
Terphenyl-d14
Concen: 0.442 ng
RT: 20.022 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN023208.D
Acq: 14 Dec 2022 19:55

Tgt Ion:244 Resp: 15824
Ion Ratio Lower Upper
244 100
212 8.8 7.6 11.4
122 12.9 12.6 18.8

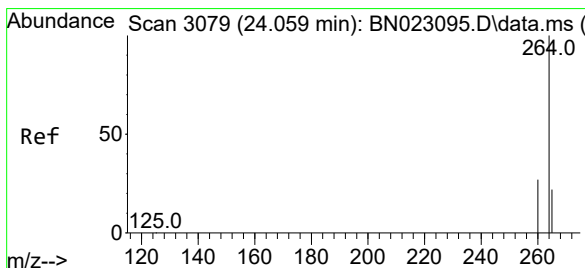
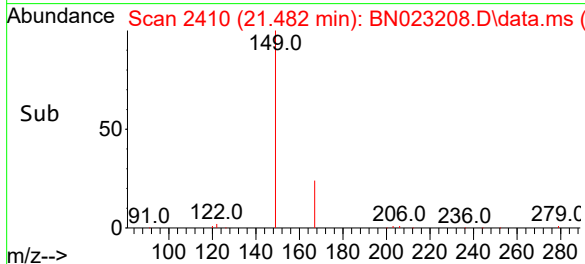
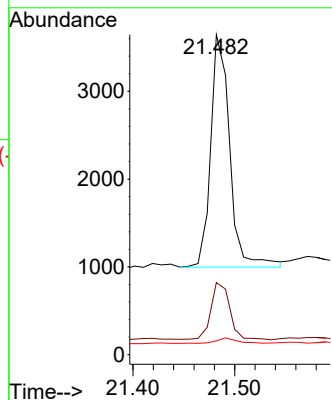
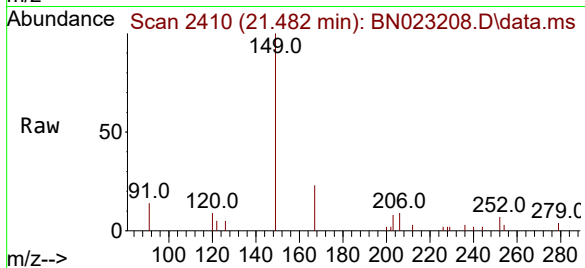




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.482 min Scan# 2410
 Delta R.T. -0.009 min
 Lab File: BN023208.D
 Acq: 14 Dec 2022 19:55

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-148-162-121222

Tgt Ion:149 Resp: 3439
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.2 30.2
 279 2.6 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.039 min Scan# 3072
 Delta R.T. -0.012 min
 Lab File: BN023208.D
 Acq: 14 Dec 2022 19:55

Tgt Ion:264 Resp: 17404
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 51.0 43.2 64.8

