

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023025.D
 Acq On : 01 Dec 2022 19:11
 Operator : CG/JU
 Sample : N5756-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20221119

Quant Time: Dec 02 01:46:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 01:41:37 2022
 Response via : Initial Calibration

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

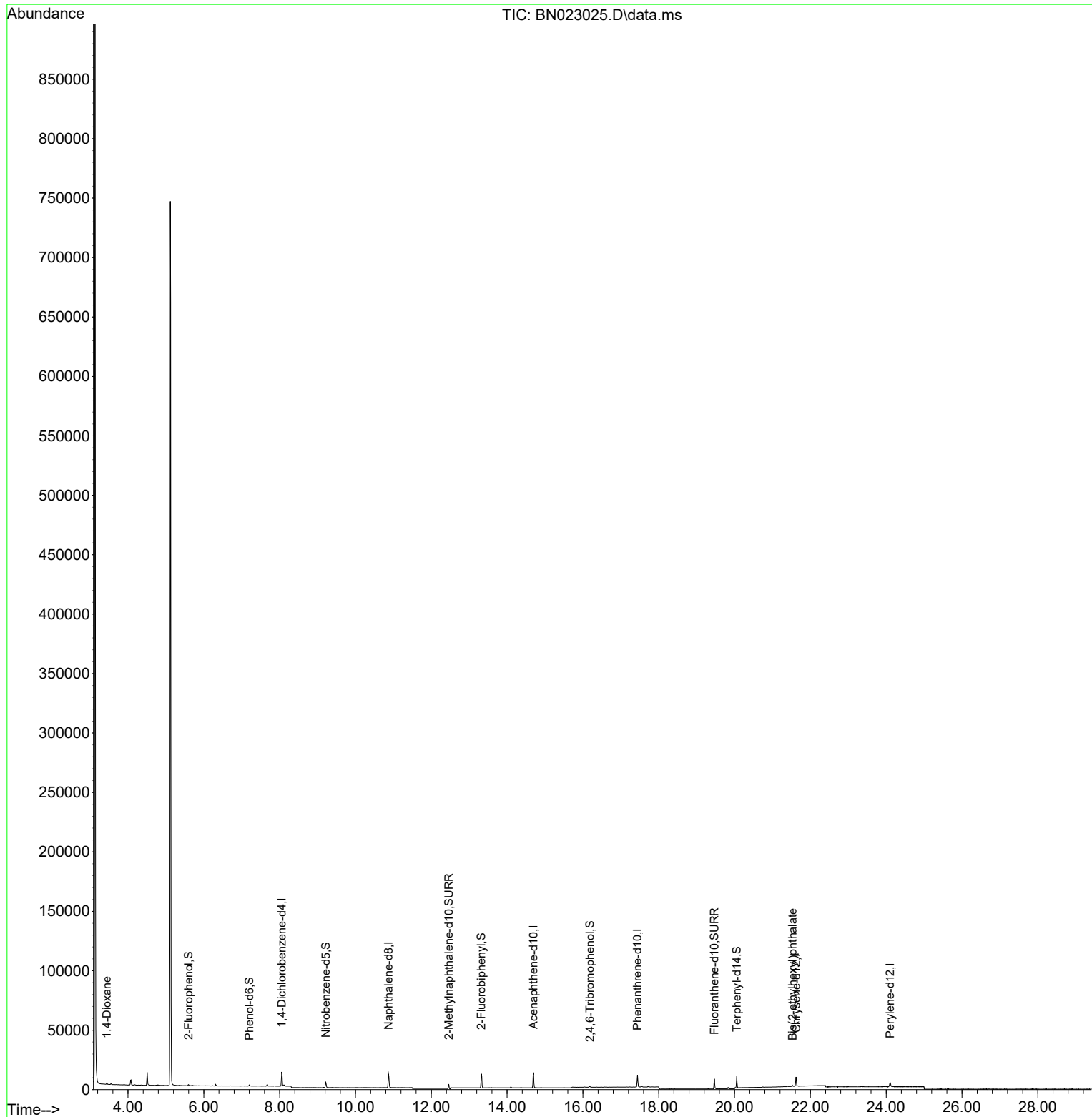
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5472	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14746	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	7025	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13011	0.400	ng	0.00
29) Chrysene-d12	21.625	240	7292	0.400	ng	# 0.00
35) Perylene-d12	24.103	264	5350	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	894	0.063	ng	0.00
5) Phenol-d6	7.204	99	875	0.048	ng	0.00
8) Nitrobenzene-d5	9.217	82	3342	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7404	0.231	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	434	0.128	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10082	0.314	ng	-0.01
27) Fluoranthene-d10	19.469	212	9011	0.255	ng	0.00
31) Terphenyl-d14	20.058	244	7437	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	799	0.115	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.527	149	967	0.082	ng	93

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

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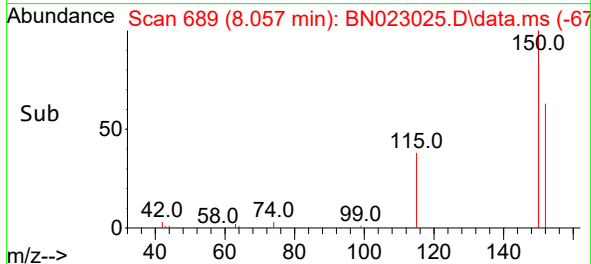
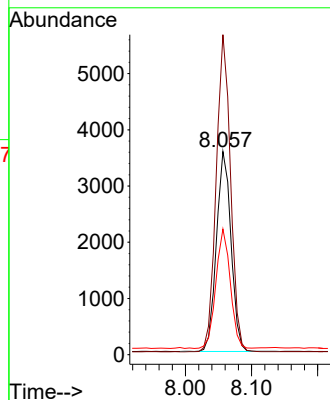
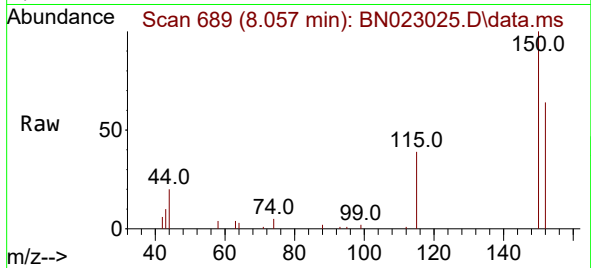




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

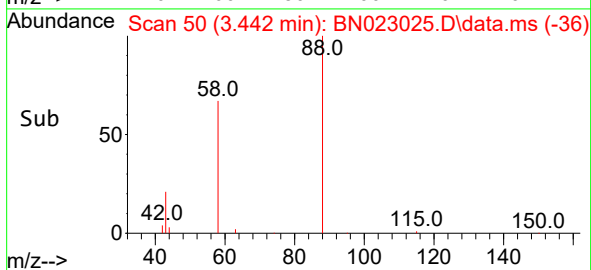
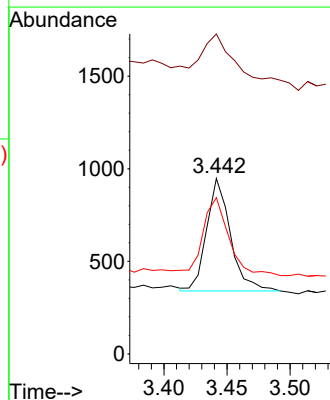
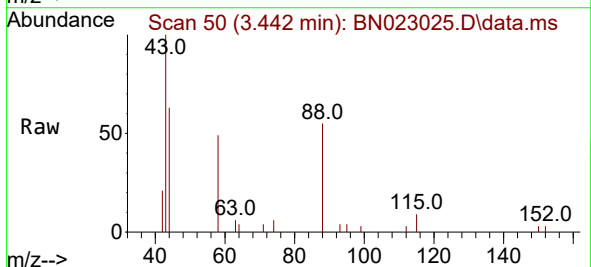
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20221119

Tgt Ion:152 Resp: 5472
Ion Ratio Lower Upper
152 100
150 157.5 121.2 181.8
115 61.8 46.2 69.4



#2
1,4-Dioxane
Concen: 0.115 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

Tgt Ion: 88 Resp: 799
Ion Ratio Lower Upper
88 100
43 48.8 25.4 38.2#
58 76.5 56.5 84.7

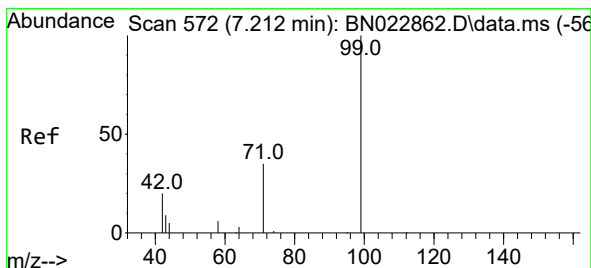
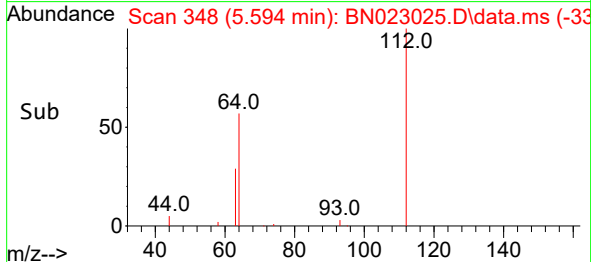
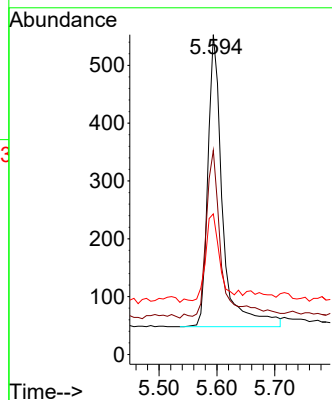
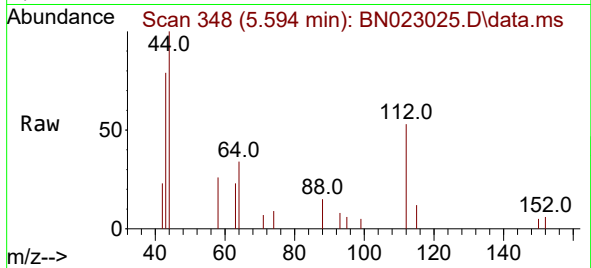




#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

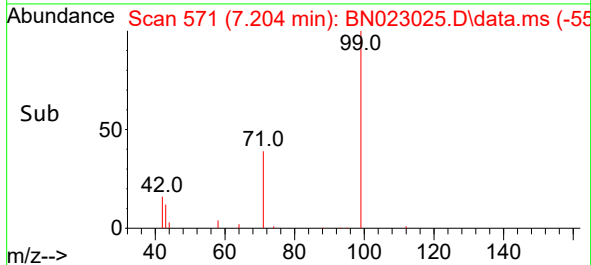
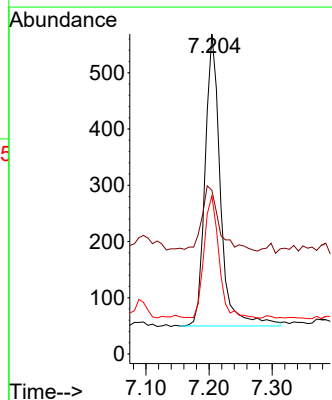
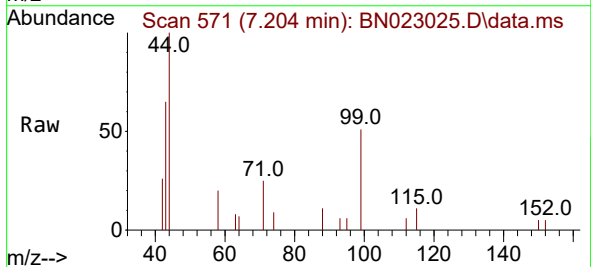
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20221119

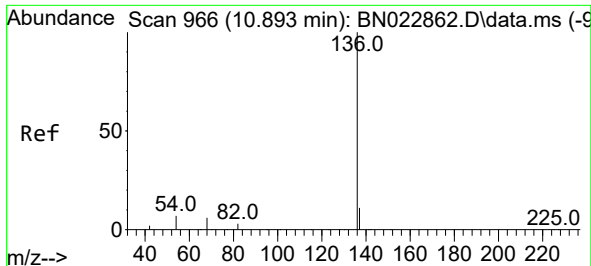
Tgt Ion:112 Resp: 894
Ion Ratio Lower Upper
112 100
64 60.7 43.4 65.2
63 30.0 23.4 35.2



#5
Phenol-d6
Concen: 0.048 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

Tgt Ion: 99 Resp: 875
Ion Ratio Lower Upper
99 100
42 26.2 16.0 24.0#
71 40.6 26.8 40.2#

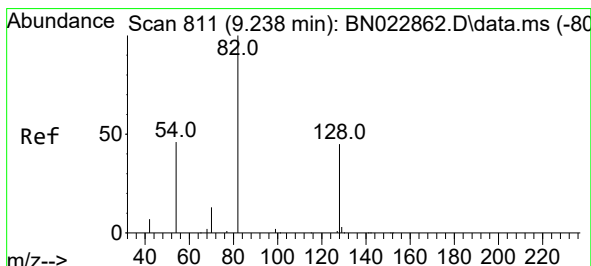
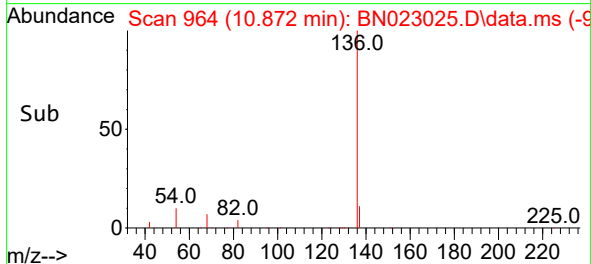
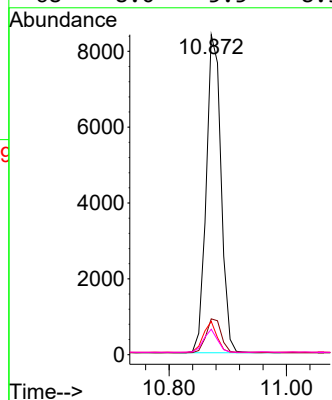
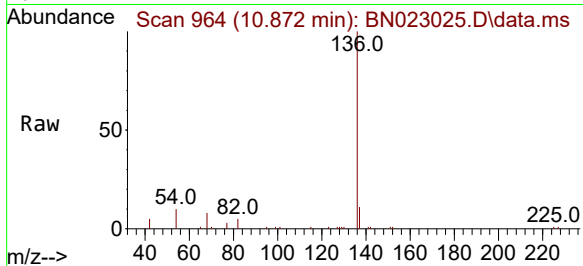




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 901
Delta R.T. -0.011 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

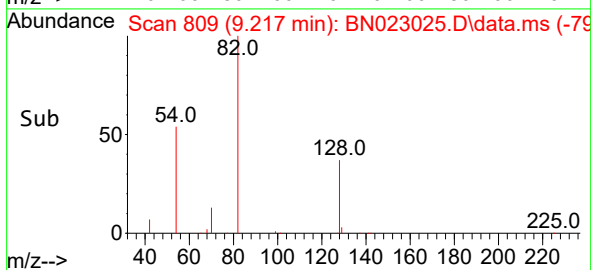
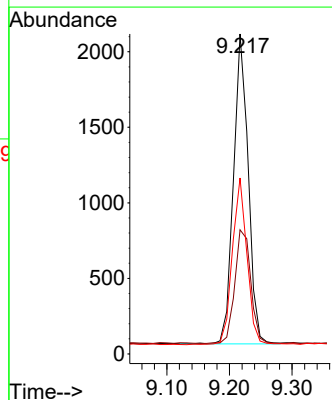
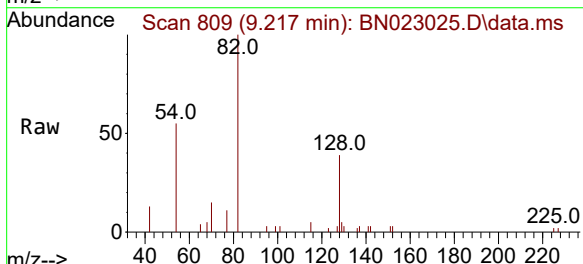
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20221119

Tgt Ion:	136	Resp:	14746
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	10.4	6.6	9.8#
68	8.0	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

Tgt Ion:	82	Resp:	3342
Ion Ratio	Lower	Upper	
82	100		
128	38.8	36.6	54.8
54	55.0	38.5	57.7





#11

2-Methylnaphthalene-d10

Concen: 0.231 ng

RT: 12.461 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

Instrument :

BNA_N

ClientSampleId :

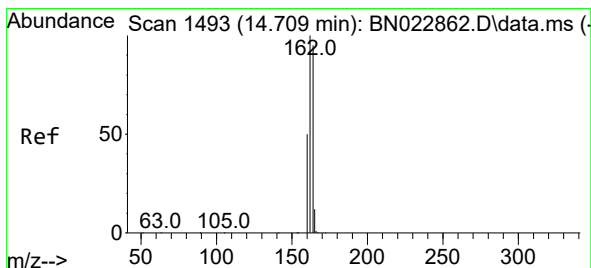
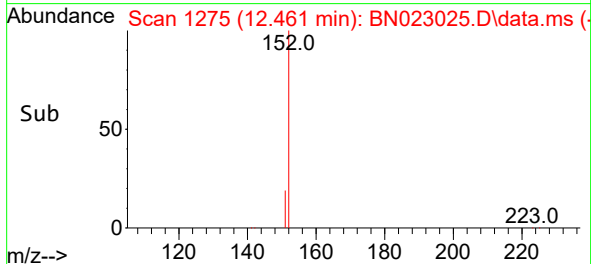
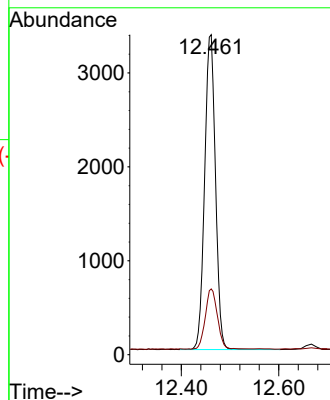
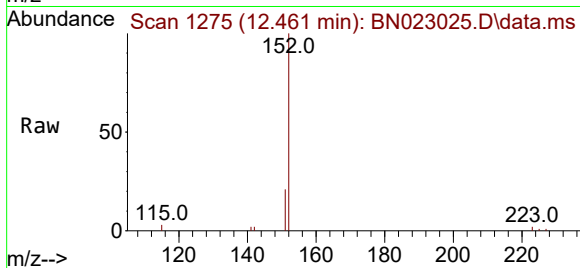
RW8-MW01D1-20221119

Tgt Ion:152 Resp: 7404

Ion Ratio Lower Upper

152 100

151 16.9 18.6 27.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

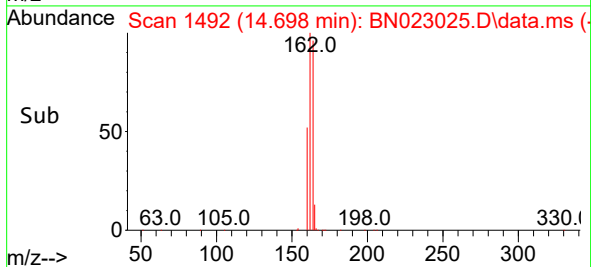
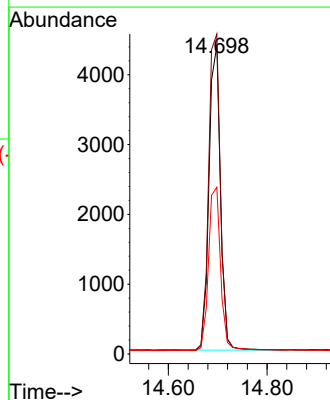
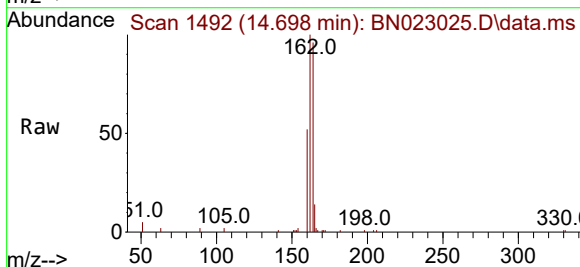
Tgt Ion:164 Resp: 7025

Ion Ratio Lower Upper

164 100

162 103.8 84.2 126.4

160 54.1 42.5 63.7

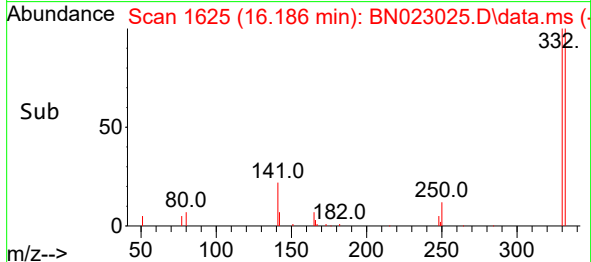
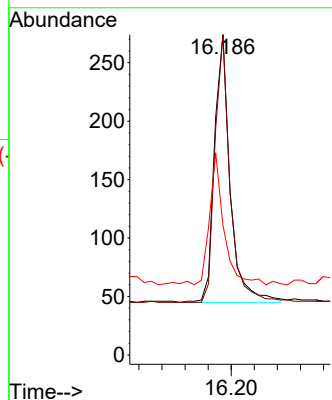
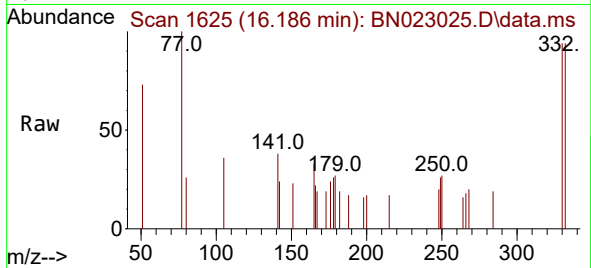




#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 16.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

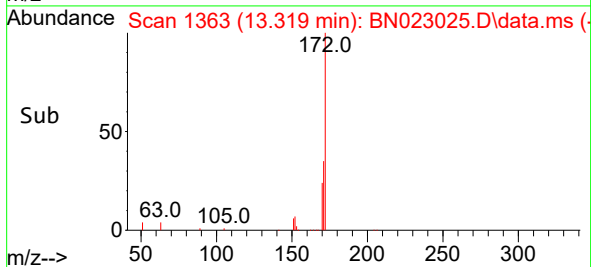
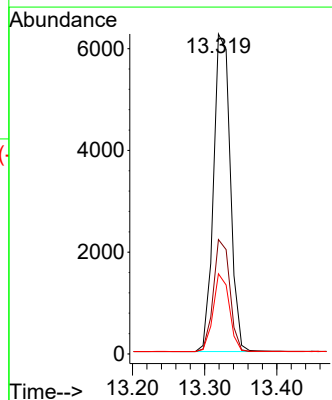
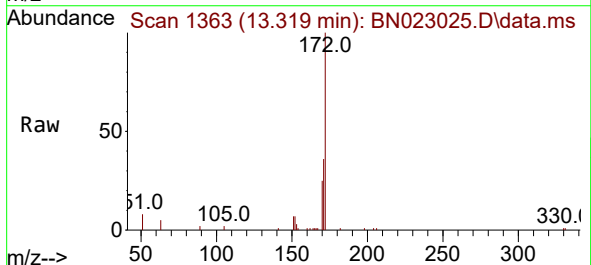
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20221119

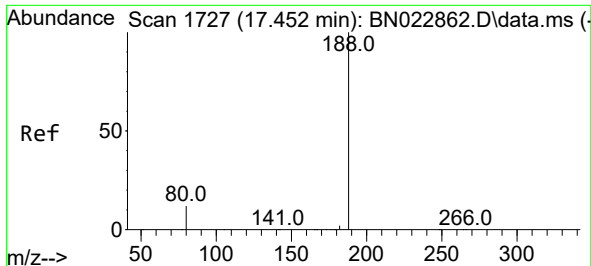
Tgt Ion: 330 Resp: 434
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 43.3 32.6 48.8



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BN023025.D
Acq: 01 Dec 2022 19:11

Tgt Ion: 172 Resp: 10082
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 25.0 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20221119

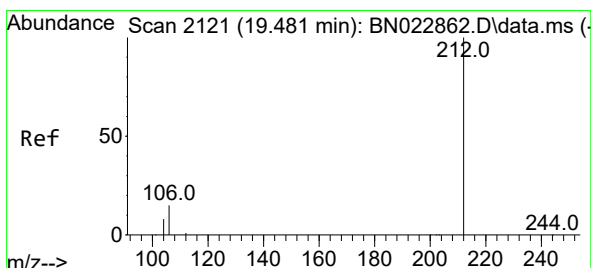
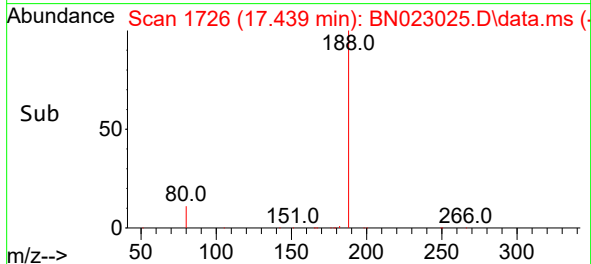
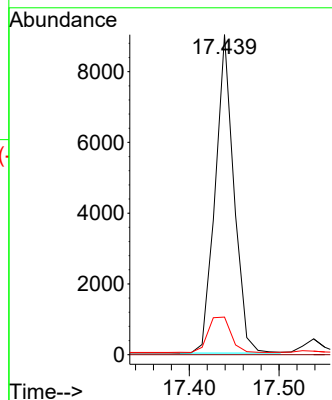
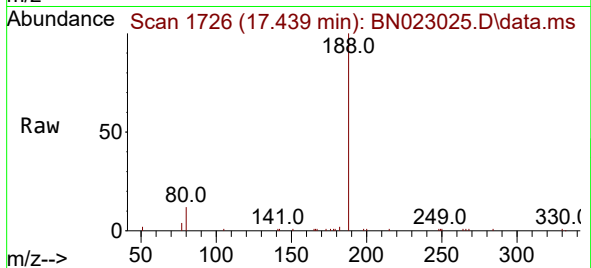
Tgt Ion:188 Resp: 13011

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 10.3 15.5



#27

Fluoranthene-d10

Concen: 0.255 ng

RT: 19.469 min Scan# 2118

Delta R.T. -0.004 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

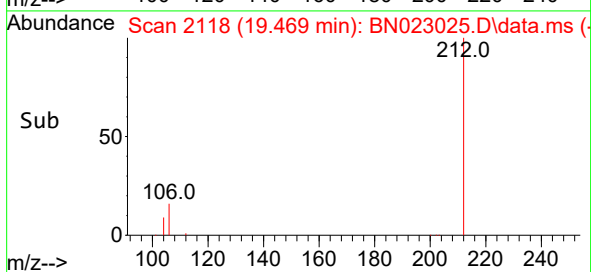
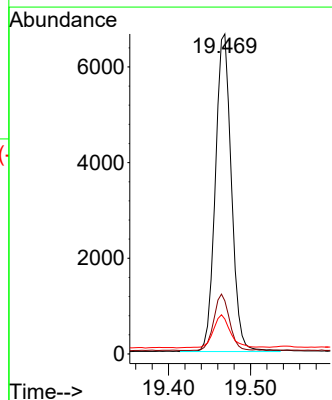
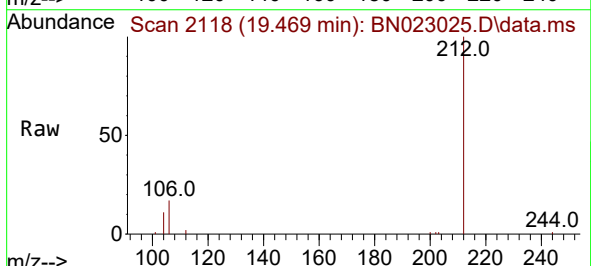
Tgt Ion:212 Resp: 9011

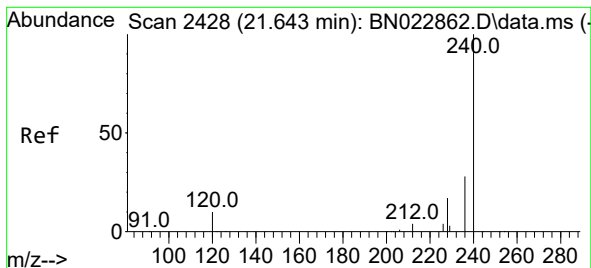
Ion Ratio Lower Upper

212 100

106 17.5 12.3 18.5

104 11.0 7.0 10.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20221119

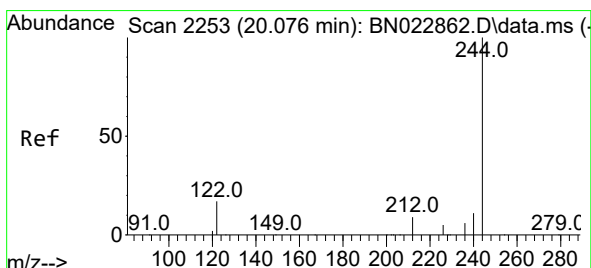
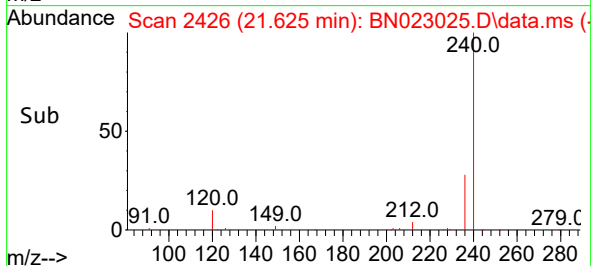
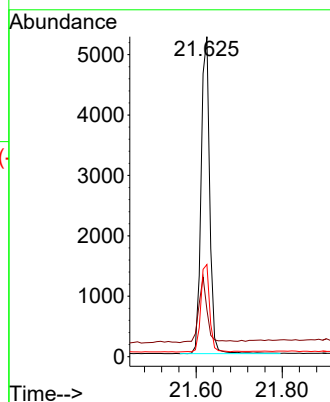
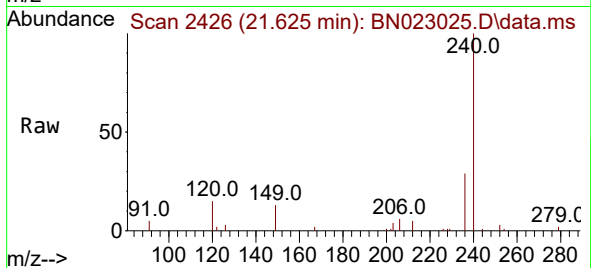
Tgt Ion:240 Resp: 7292

Ion Ratio Lower Upper

240 100

120 14.6 9.2 13.8#

236 28.8 22.6 34.0



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

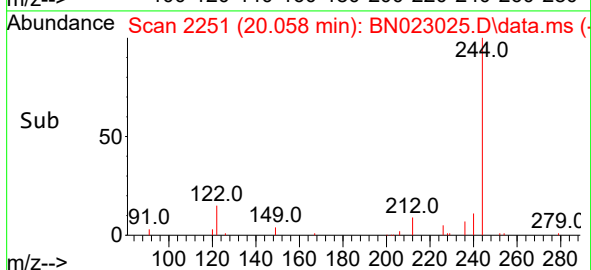
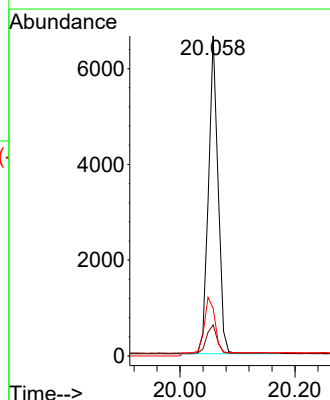
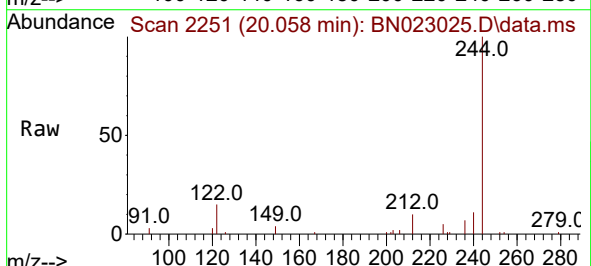
Tgt Ion:244 Resp: 7437

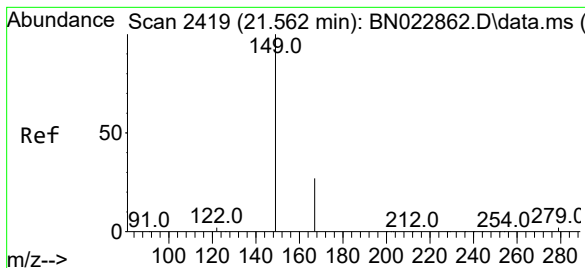
Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

122 14.9 13.9 20.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.013 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

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RW8-MW01D1-20221119

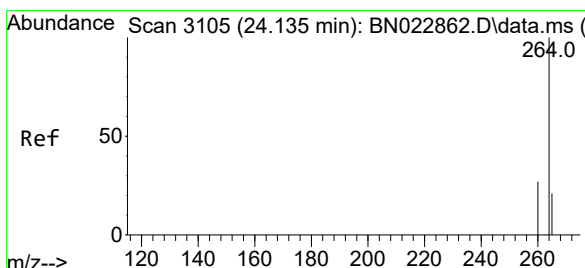
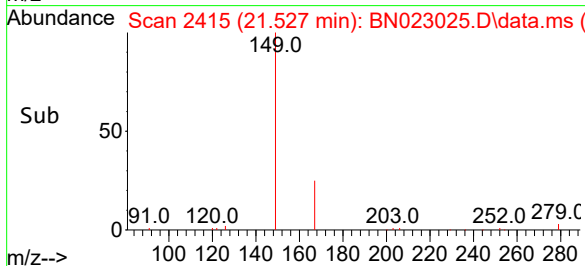
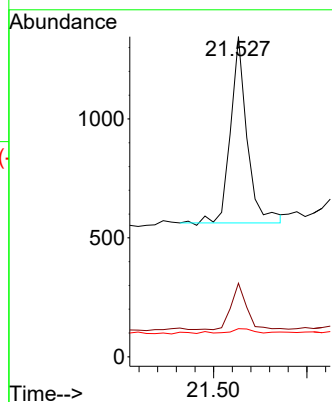
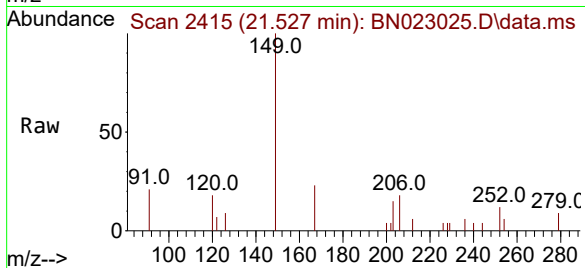
Tgt Ion:149 Resp: 967

Ion Ratio Lower Upper

149 100

167 22.8 21.3 31.9

279 2.9 2.3 3.5



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 3094

Delta R.T. -0.010 min

Lab File: BN023025.D

Acq: 01 Dec 2022 19:11

Tgt Ion:264 Resp: 5350

Ion Ratio Lower Upper

264 100

260 28.4 21.7 32.5

265 78.7 31.0 46.4#

