

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023020.D
 Acq On : 01 Dec 2022 16:05
 Operator : CG/JU
 Sample : N5756-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20221119

Quant Time: Dec 02 01:45:41 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

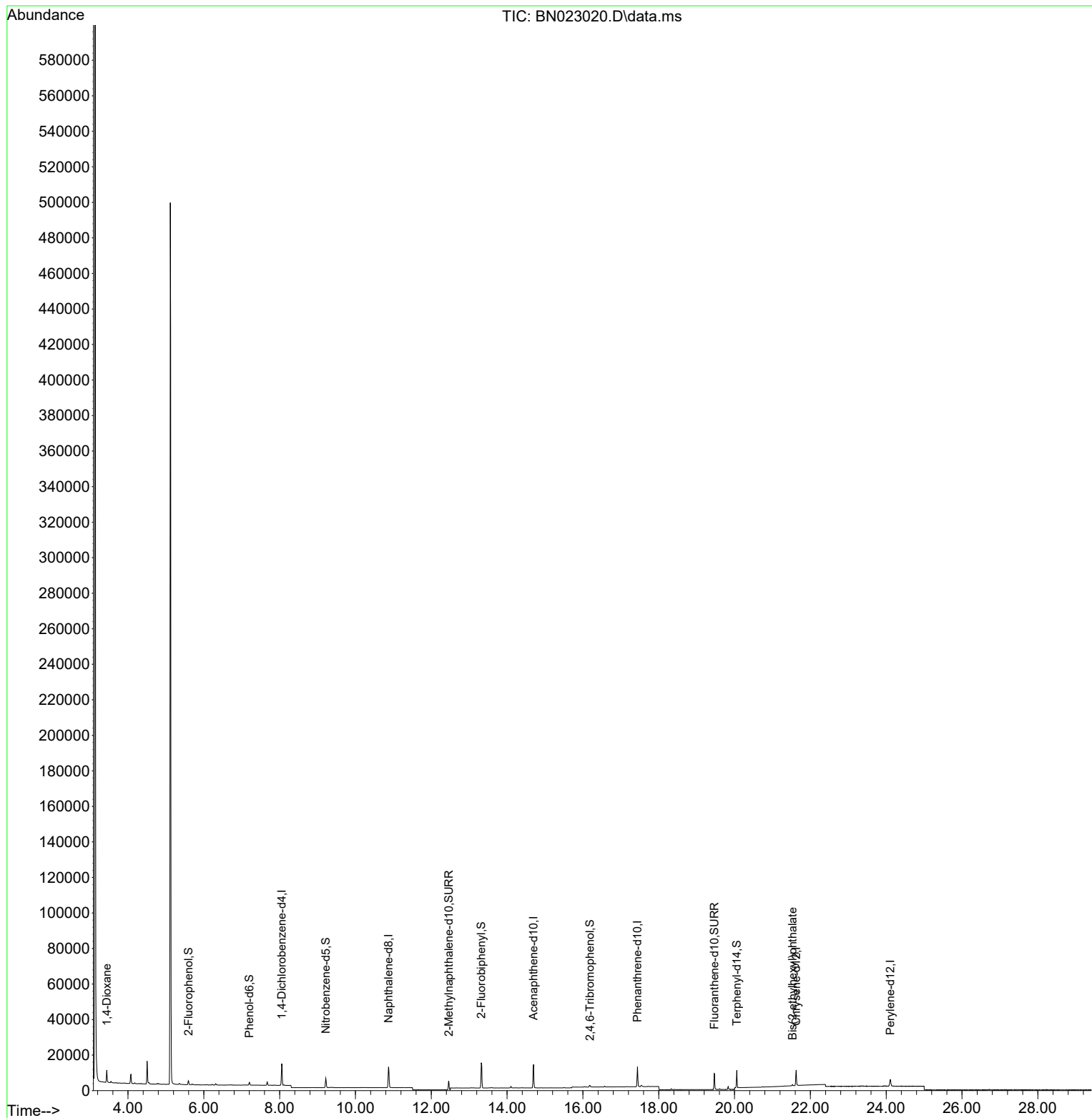
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5704	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15397	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	7325	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13821	0.400	ng	0.00
29) Chrysene-d12	21.625	240	7679	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	5824	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1723	0.116	ng	0.00
5) Phenol-d6	7.204	99	1354	0.072	ng	0.00
8) Nitrobenzene-d5	9.217	82	3956	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	8497	0.254	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	632	0.179	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	12463	0.372	ng	-0.01
27) Fluoranthene-d10	19.469	212	9864	0.263	ng	0.00
31) Terphenyl-d14	20.058	244	7307	0.405	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	3993	0.552	ng	97
34) Bis(2-ethylhexyl)phtha...	21.527	149	809	0.065	ng	96

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

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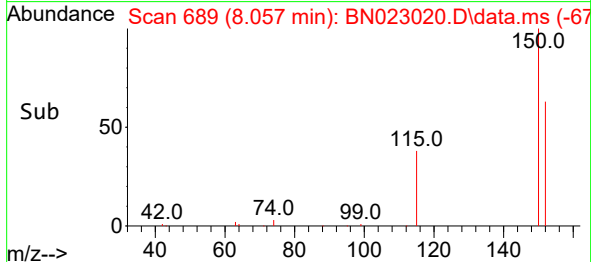
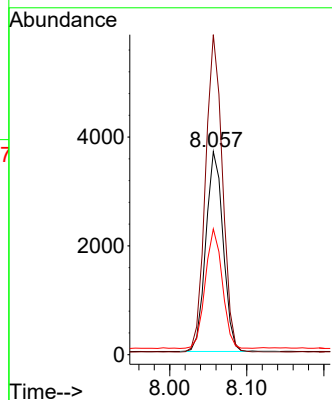
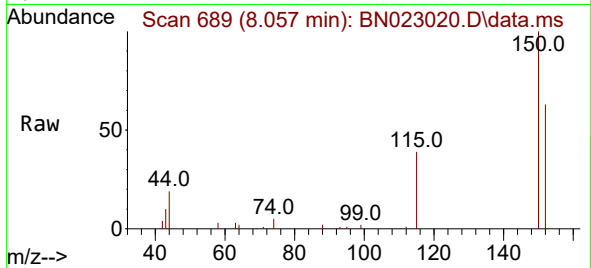




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN023020.D
 Acq: 01 Dec 2022 16:05

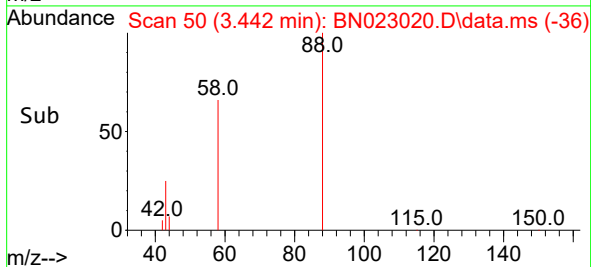
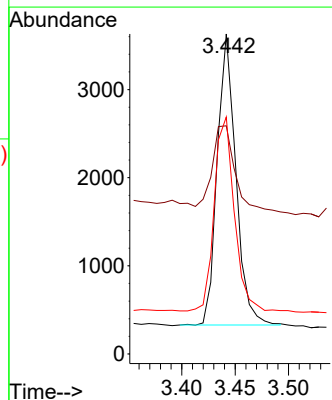
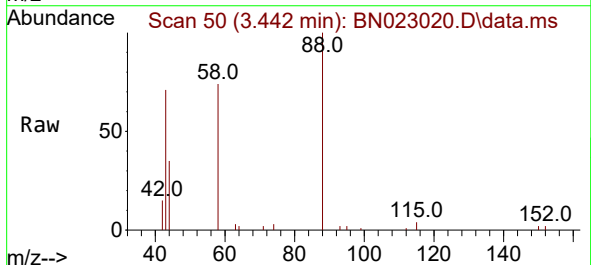
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20221119

Tgt Ion:152 Resp: 5704
 Ion Ratio Lower Upper
 152 100
 150 157.6 121.2 181.8
 115 62.0 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.552 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN023020.D
 Acq: 01 Dec 2022 16:05

Tgt Ion: 88 Resp: 3993
 Ion Ratio Lower Upper
 88 100
 43 36.3 25.4 38.2
 58 71.7 56.5 84.7

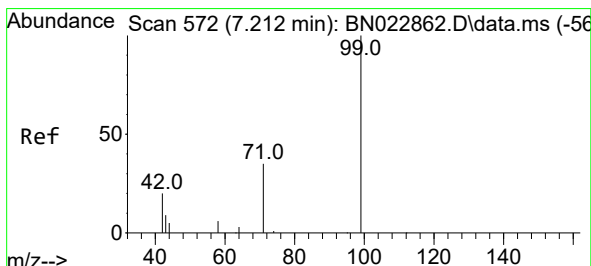
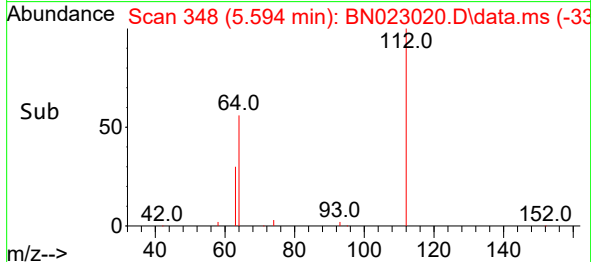
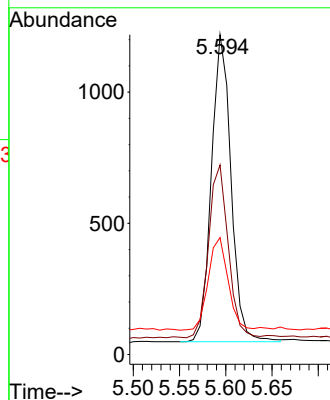
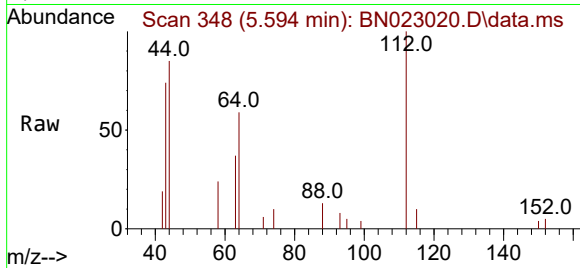




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

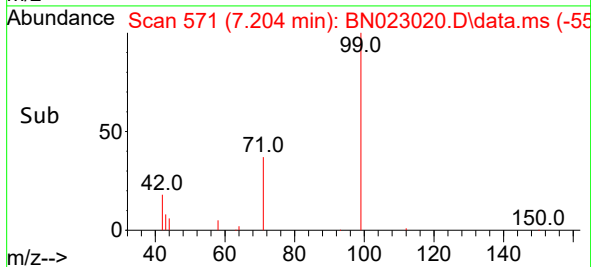
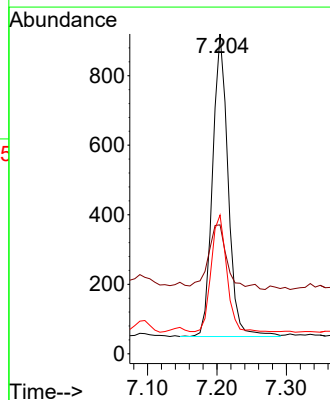
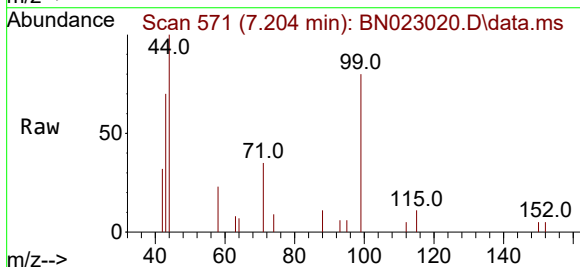
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20221119

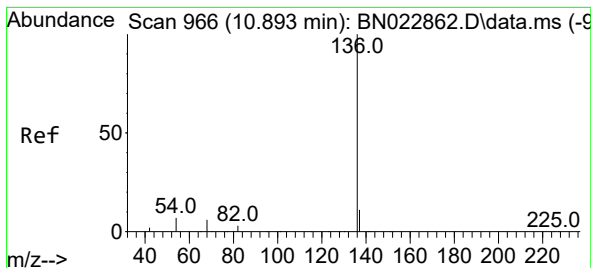
Tgt Ion:112 Resp: 1723
Ion Ratio Lower Upper
112 100
64 57.1 43.4 65.2
63 30.5 23.4 35.2



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

Tgt Ion: 99 Resp: 1354
Ion Ratio Lower Upper
99 100
42 26.1 16.0 24.0#
71 38.5 26.8 40.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.872 min Scan# 90

Delta R.T. -0.011 min

Lab File: BN023020.D

Acq: 01 Dec 2022 16:05

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20221119

Tgt Ion:136 Resp: 15397

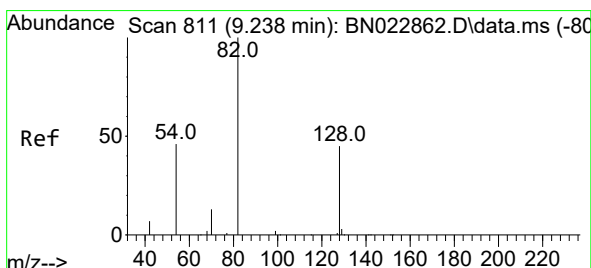
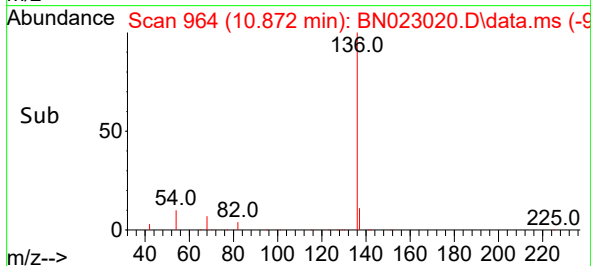
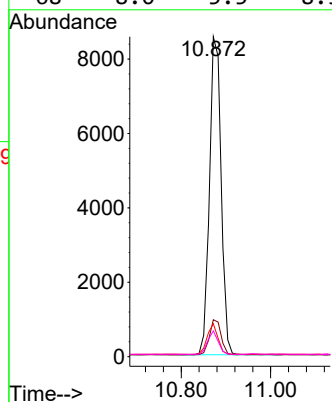
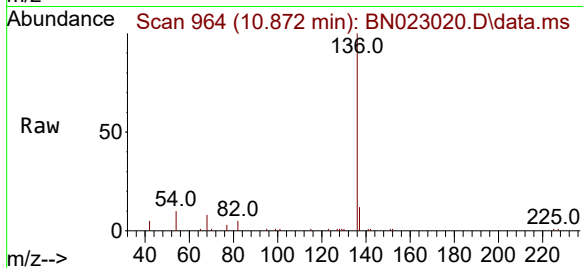
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 10.3 6.6 9.8#

68 8.0 5.5 8.3



#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 9.217 min Scan# 809

Delta R.T. -0.011 min

Lab File: BN023020.D

Acq: 01 Dec 2022 16:05

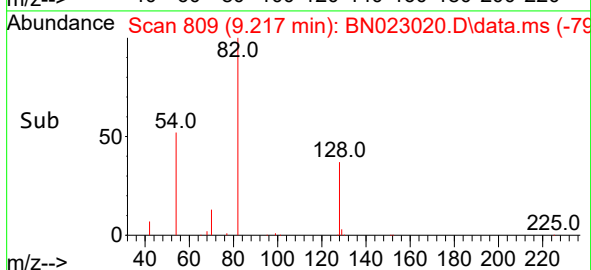
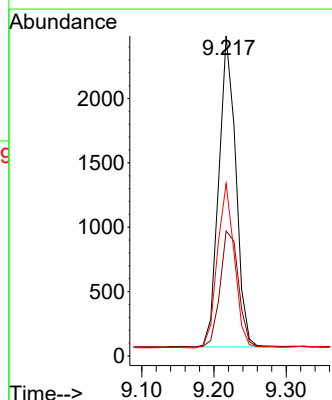
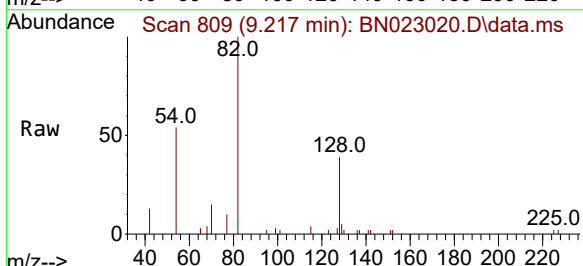
Tgt Ion: 82 Resp: 3956

Ion Ratio Lower Upper

82 100

128 39.1 36.6 54.8

54 53.9 38.5 57.7

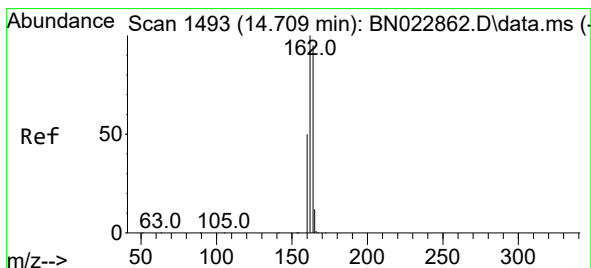
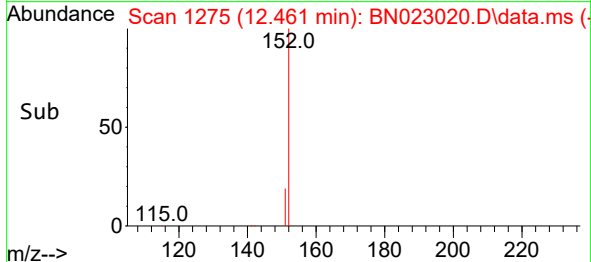
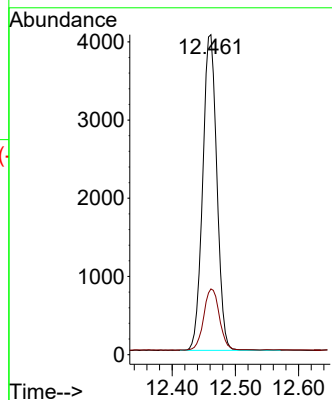
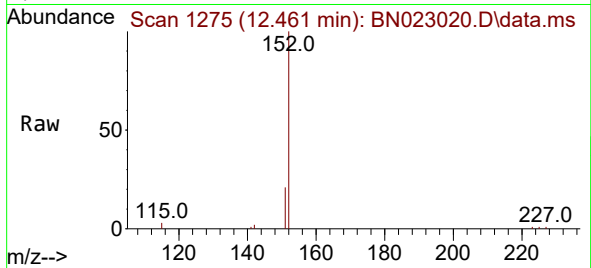




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

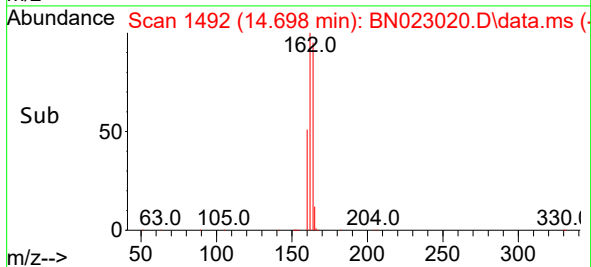
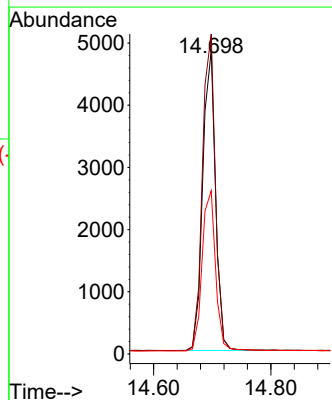
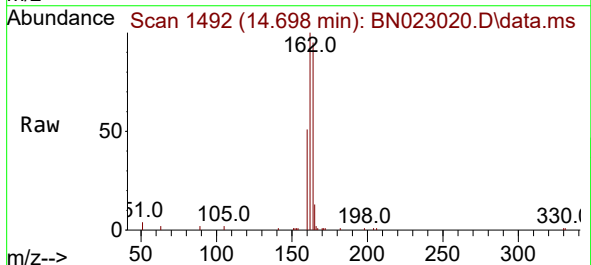
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20221119

Tgt Ion:152 Resp: 8497
Ion Ratio Lower Upper
152 100
151 19.3 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: BN023020.D
Acq: 01 Dec 2022 16:05

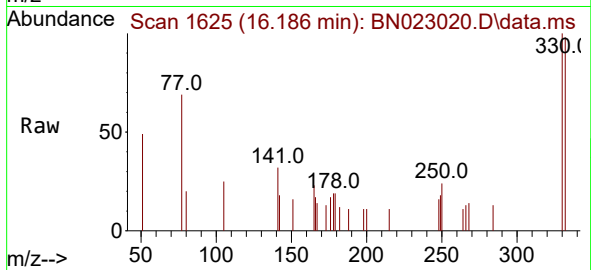
Tgt Ion:164 Resp: 7325
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.4
160 53.9 42.5 63.7



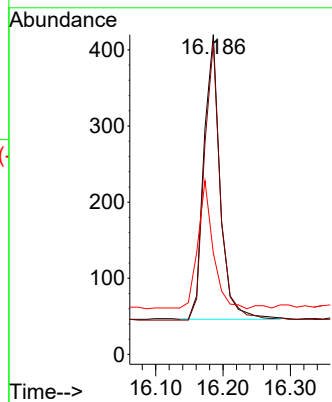
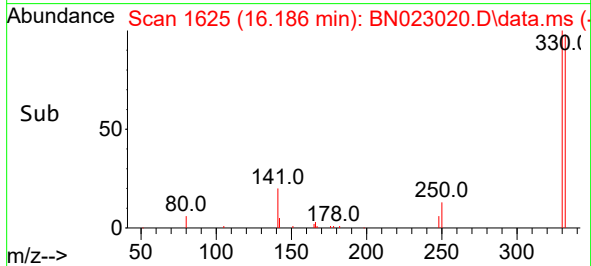


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

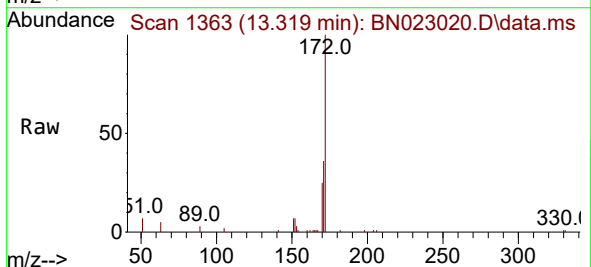
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20221119



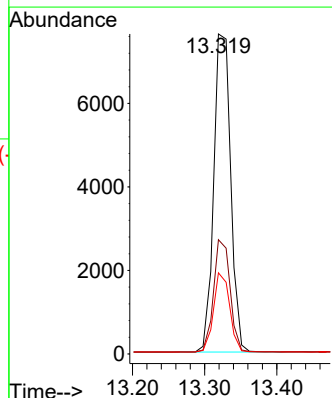
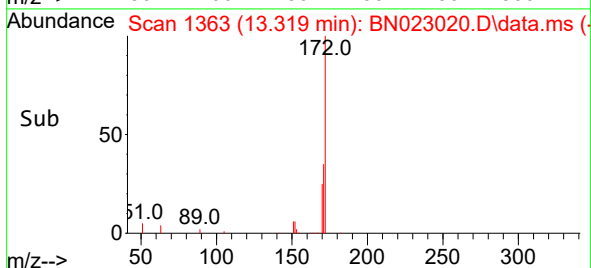
Tgt Ion: 330 Resp: 632
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 42.2 32.6 48.8

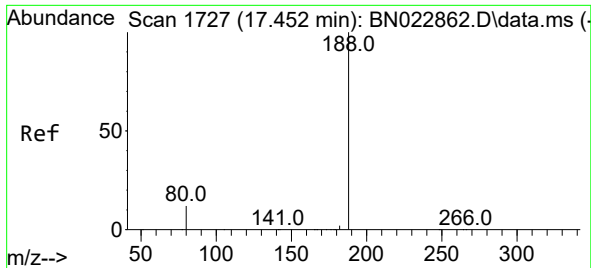


#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05



Tgt Ion: 172 Resp: 12463
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 25.4 19.3 28.9

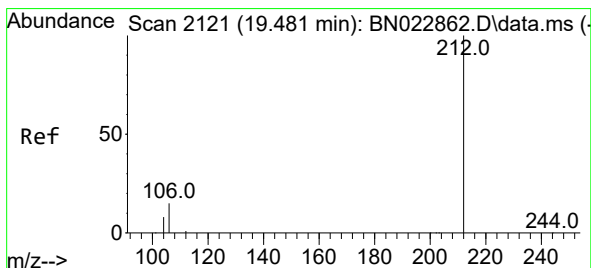
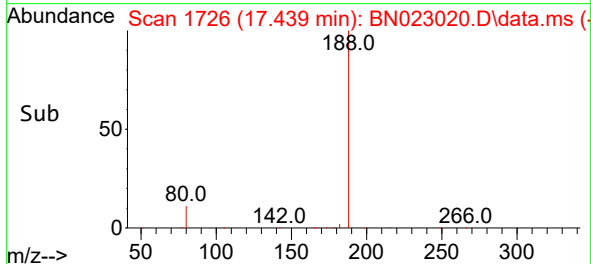
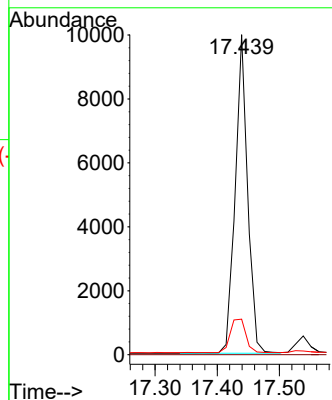
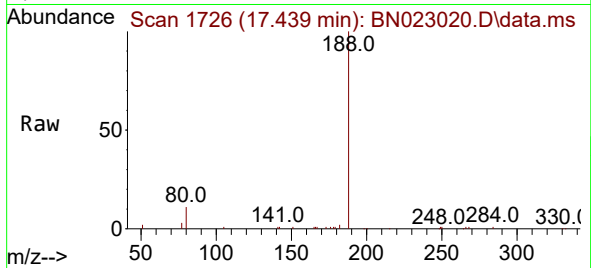




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

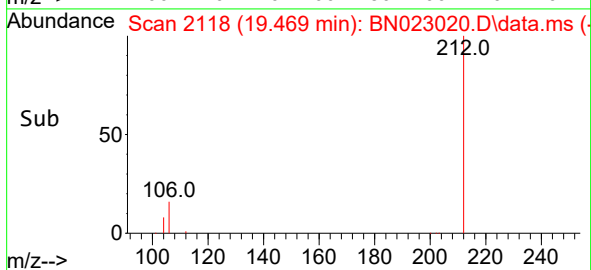
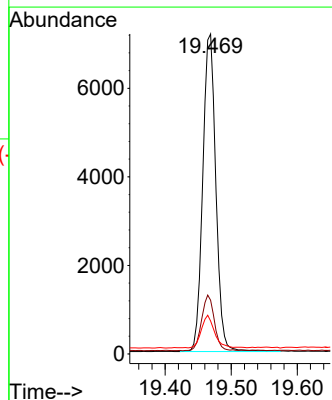
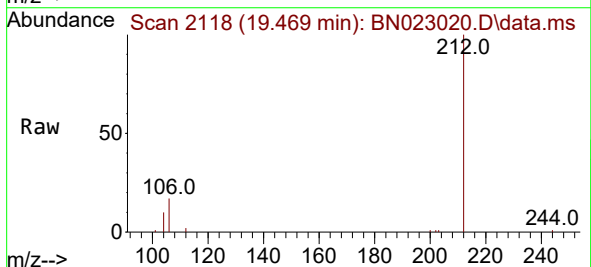
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ClientSampleId :
RW8-MW01S-20221119

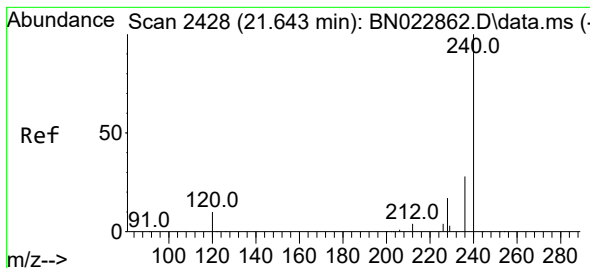
Tgt Ion:188 Resp: 13821
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 10.3 15.5



#27
Fluoranthene-d10
Concen: 0.263 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023020.D
Acq: 01 Dec 2022 16:05

Tgt Ion:212 Resp: 9864
Ion Ratio Lower Upper
212 100
106 17.0 12.3 18.5
104 10.2 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: BN023020.D

Acq: 01 Dec 2022 16:05

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20221119

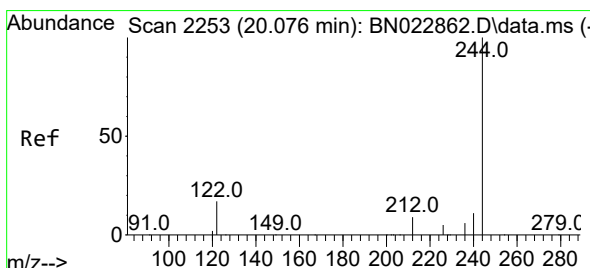
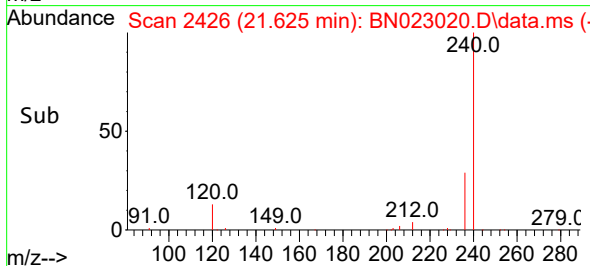
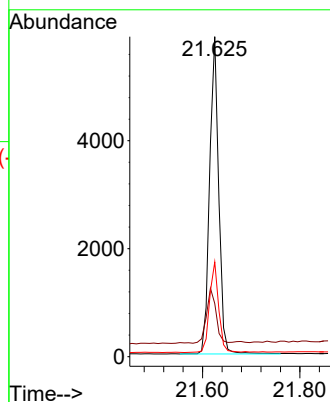
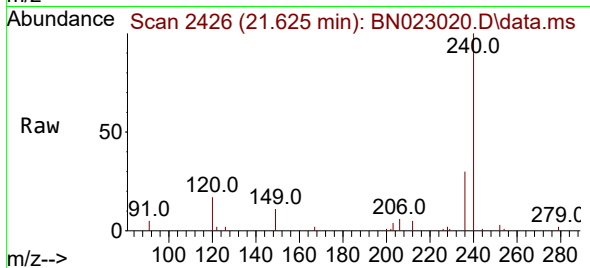
Tgt Ion:240 Resp: 7679

Ion Ratio Lower Upper

240 100

120 16.6 9.2 13.8#

236 29.6 22.6 34.0



#31

Terphenyl-d14

Concen: 0.405 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN023020.D

Acq: 01 Dec 2022 16:05

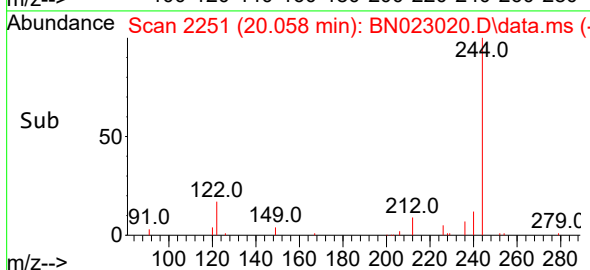
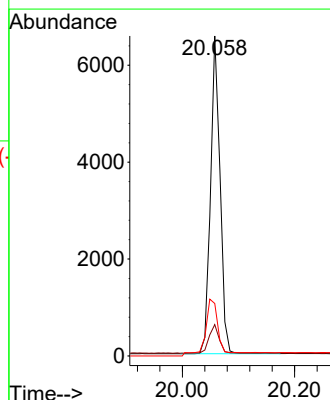
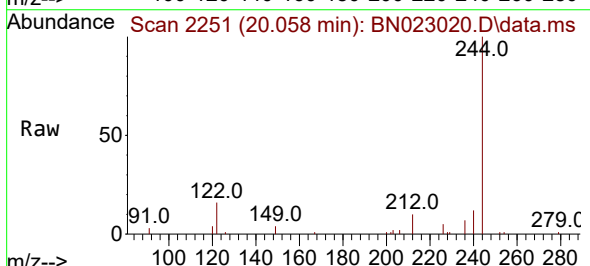
Tgt Ion:244 Resp: 7307

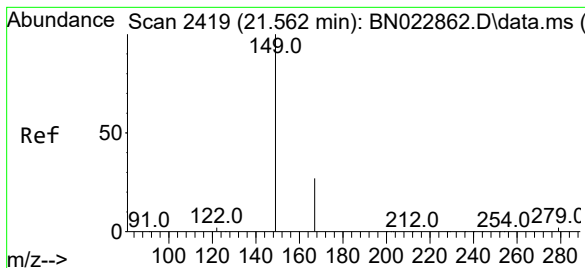
Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

122 16.4 13.9 20.9

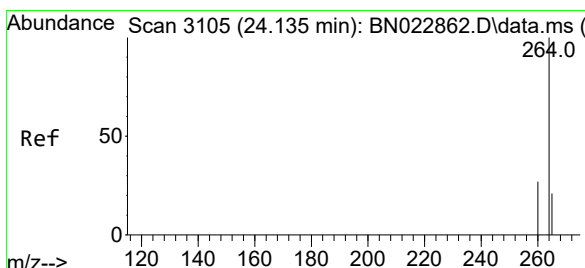
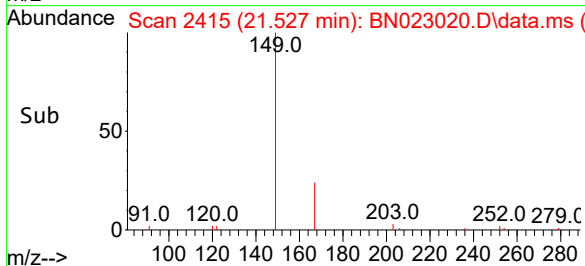
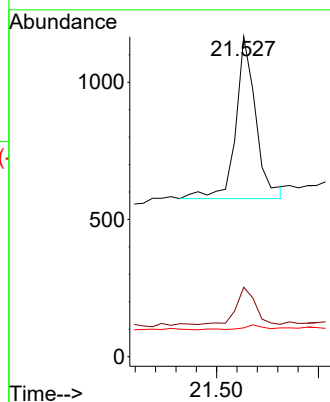
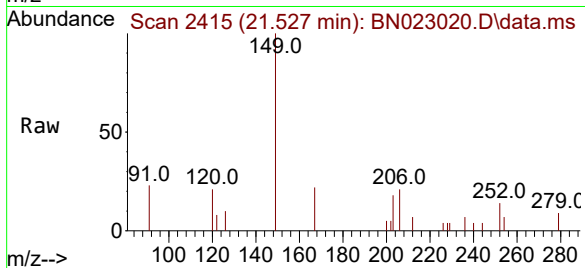




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.527 min Scan# 2415
 Delta R.T. -0.013 min
 Lab File: BN023020.D
 Acq: 01 Dec 2022 16:05

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20221119

Tgt Ion:149 Resp: 809
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.3 31.9
 279 3.2 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.109 min Scan# 3096
 Delta R.T. -0.004 min
 Lab File: BN023020.D
 Acq: 01 Dec 2022 16:05

Tgt Ion:264 Resp: 5824
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 76.1 31.0 46.4#

