

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027576.D
 Acq On : 11 Sep 2023 14:10
 Operator : MA/JU
 Sample : 04254-04
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20230830

Quant Time: Sep 12 01:32:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

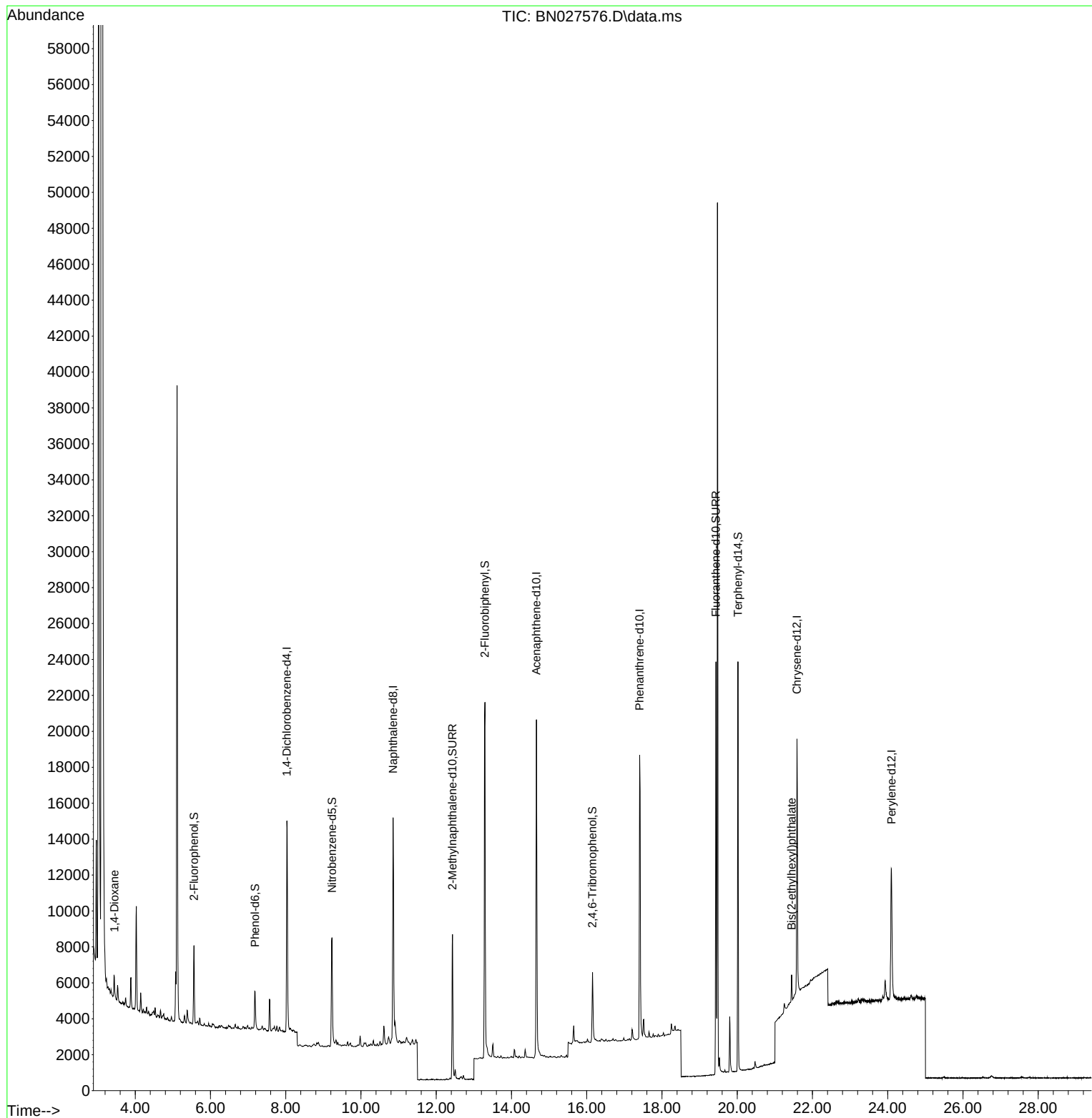
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6035	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18394	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11429	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	24472	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	14608	0.400	ng	0.00
35) Perylene-d12	24.098	264	12207	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3599	0.229	ng	0.00
5) Phenol-d6	7.185	99	2463	0.129	ng	0.00
8) Nitrobenzene-d5	9.230	82	6179	0.461	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	11566	0.428	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2347	0.555	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	20096	0.462	ng	0.00
27) Fluoranthene-d10	19.435	212	25254	0.415	ng	0.00
31) Terphenyl-d14	20.020	244	22532	0.768	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.444	88	878	0.119	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.444	149	1418	0.059	ng	# 97

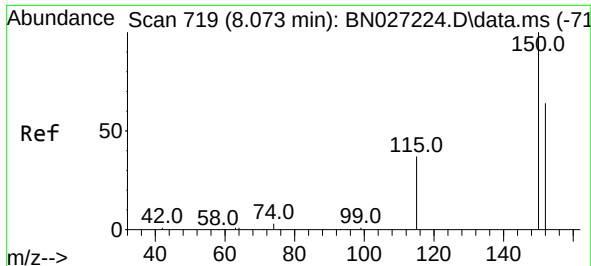
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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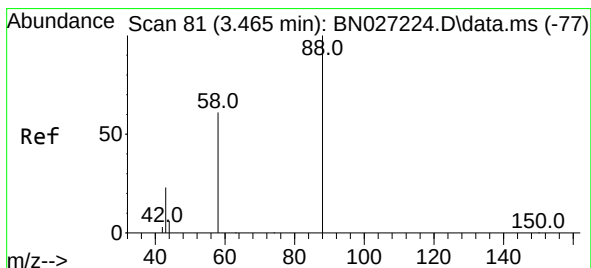
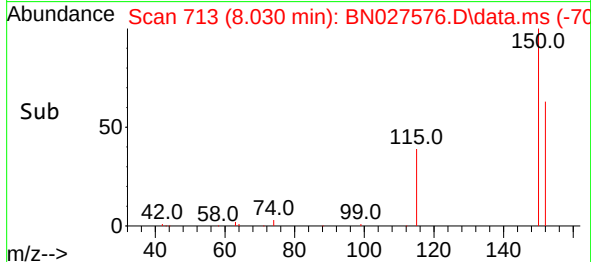
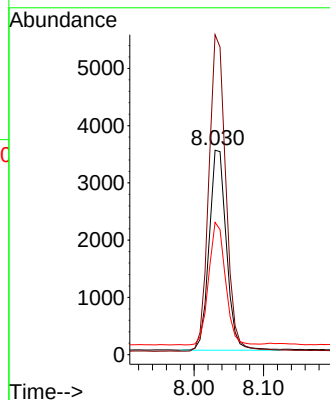
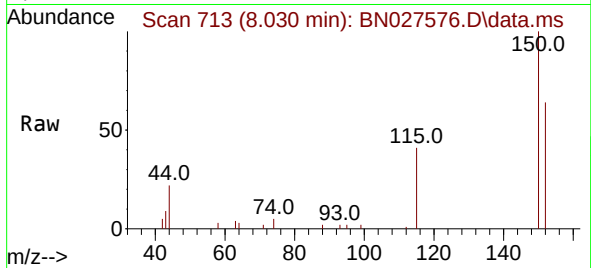




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027576.D
 Acq: 11 Sep 2023 14:10

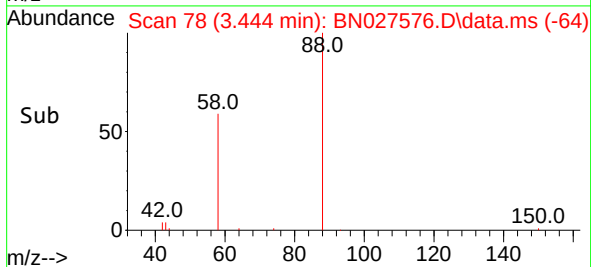
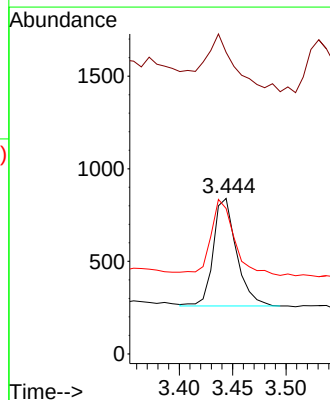
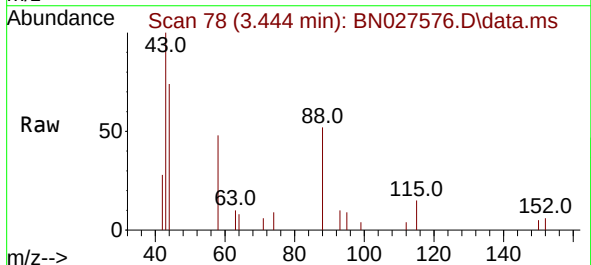
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20230830

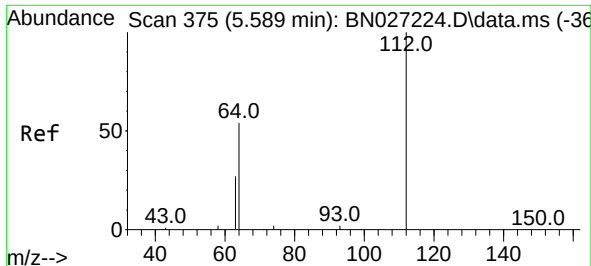
Tgt Ion:152 Resp: 6035
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 64.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.119 ng
 RT: 3.444 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BN027576.D
 Acq: 11 Sep 2023 14:10

Tgt Ion: 88 Resp: 878
 Ion Ratio Lower Upper
 88 100
 43 64.6 19.1 28.7#
 58 72.0 52.2 78.2

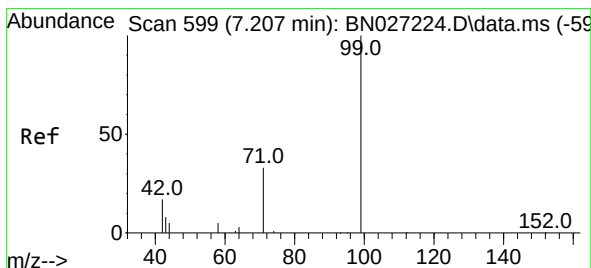
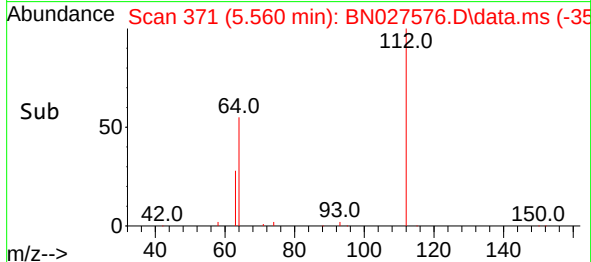
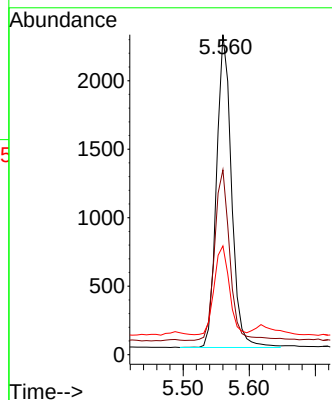
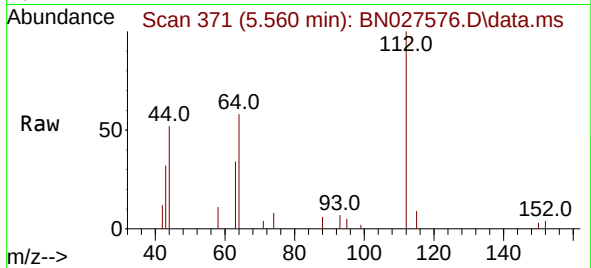




#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.560 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

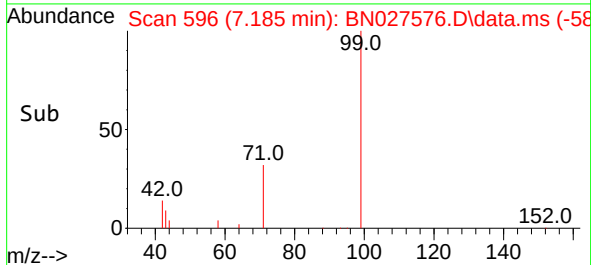
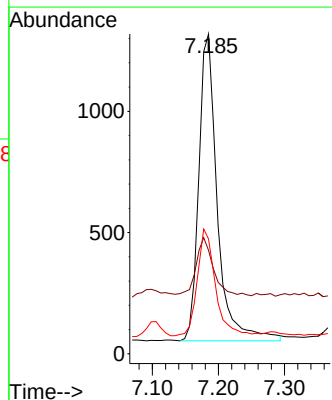
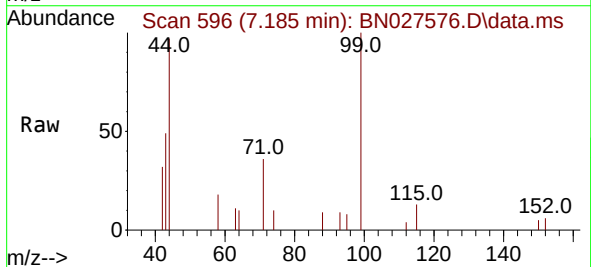
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20230830

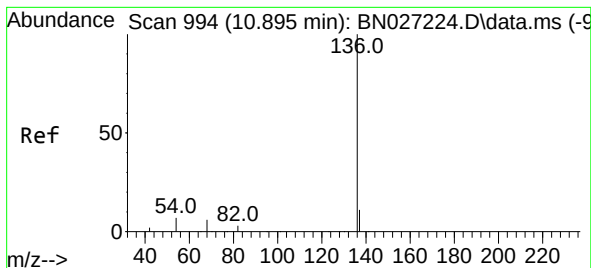
Tgt Ion:112 Resp: 3599
Ion Ratio Lower Upper
112 100
64 55.7 44.4 66.6
63 28.7 23.1 34.7



#5
Phenol-d6
Concen: 0.129 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.007 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion: 99 Resp: 2463
Ion Ratio Lower Upper
99 100
42 17.7 14.5 21.7
71 34.0 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830

Tgt Ion:136 Resp: 18394

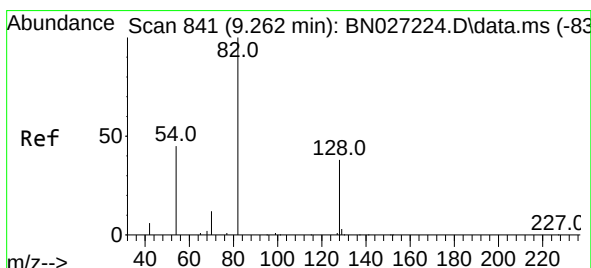
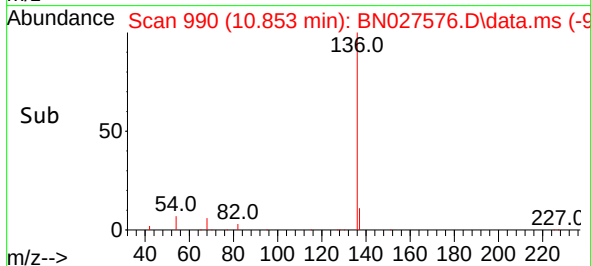
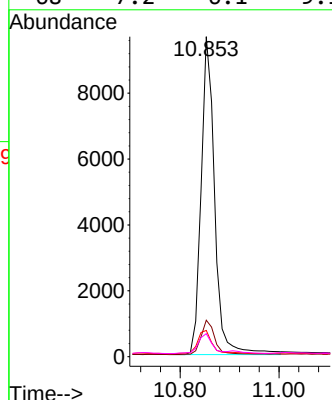
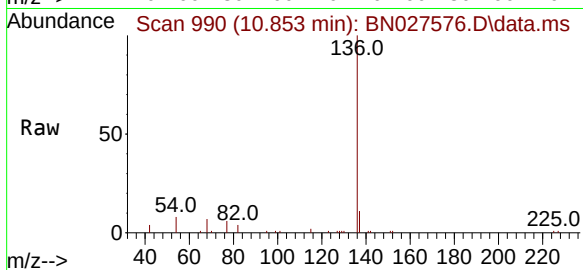
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 6.7 10.1

68 7.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.461 ng

RT: 9.230 min Scan# 838

Delta R.T. 0.011 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

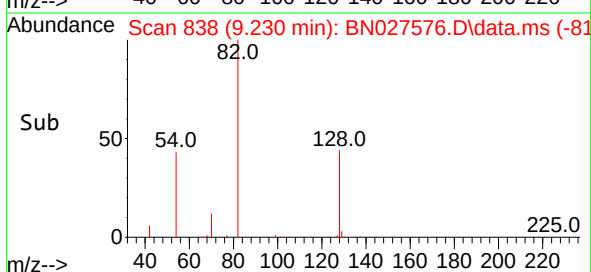
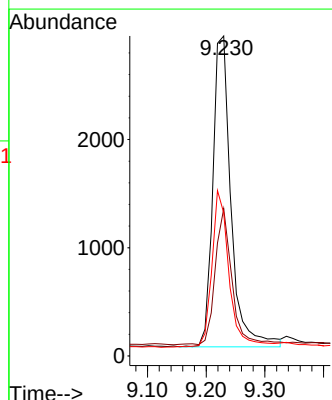
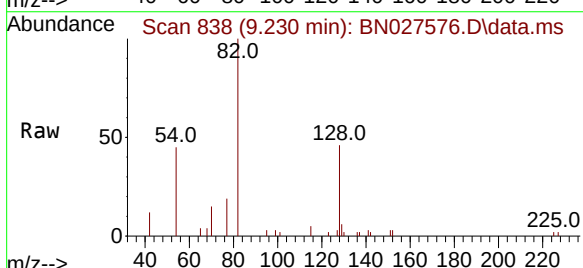
Tgt Ion: 82 Resp: 6179

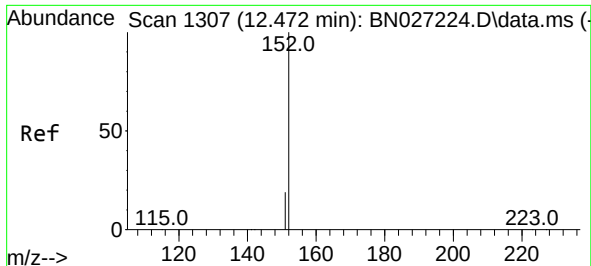
Ion Ratio Lower Upper

82 100

128 46.0 33.4 50.0

54 44.7 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 12.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

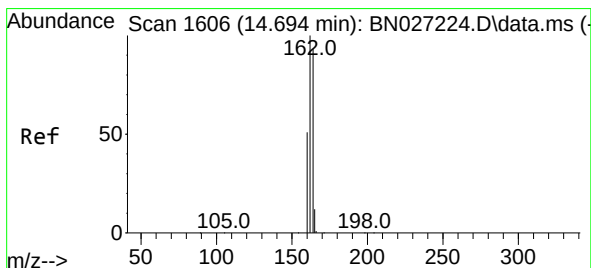
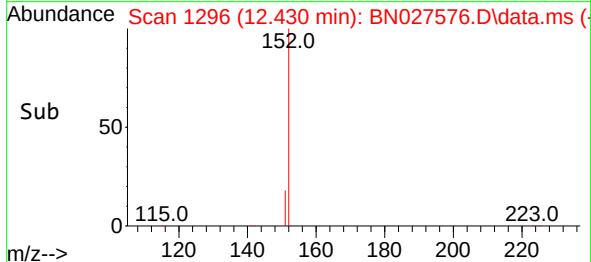
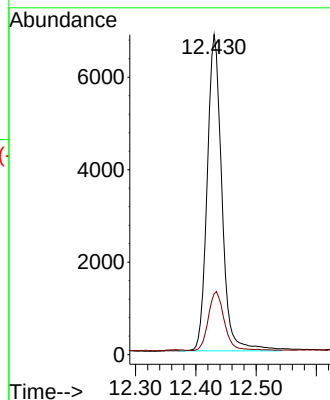
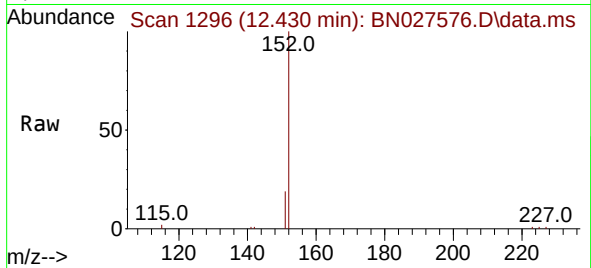
RW11-MW01S-20230830

Tgt Ion:152 Resp: 11566

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

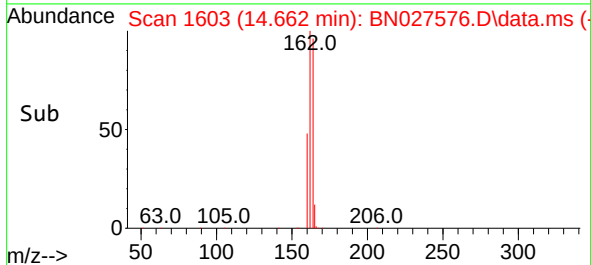
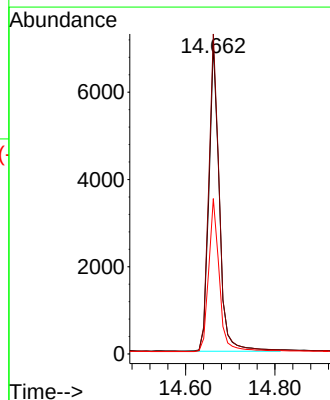
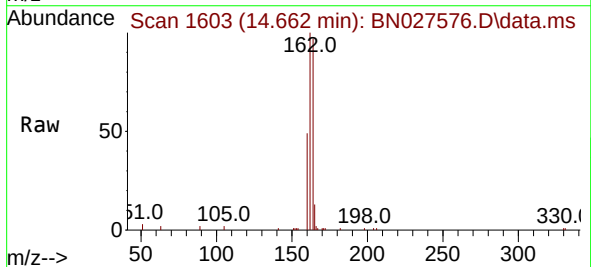
Tgt Ion:164 Resp: 11429

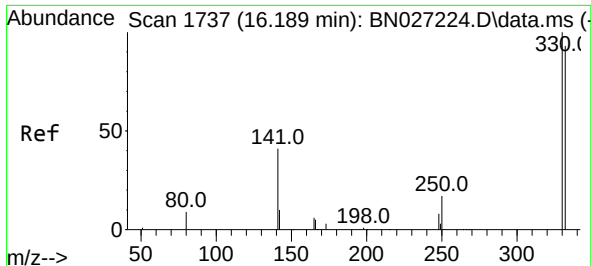
Ion Ratio Lower Upper

164 100

162 103.3 85.8 128.8

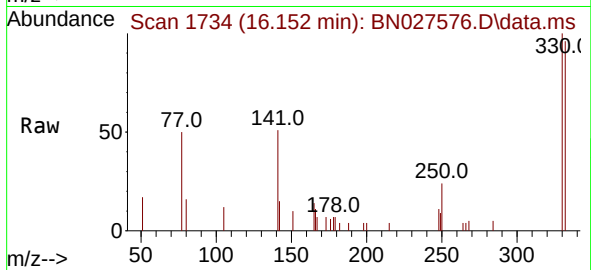
160 50.2 44.2 66.2



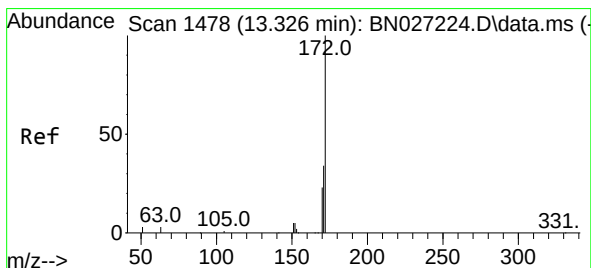
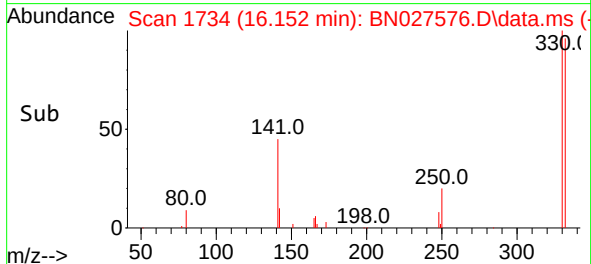
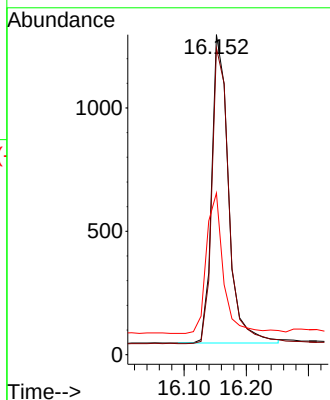


#14
2,4,6-Tribromophenol
Concen: 0.555 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20230830

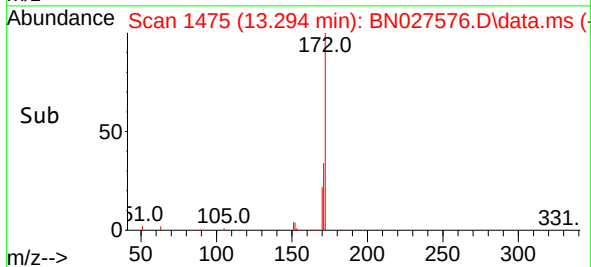
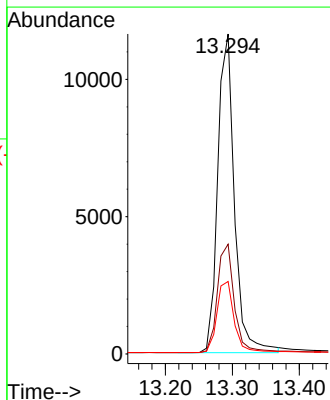
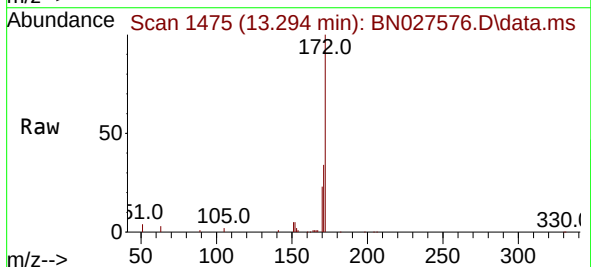


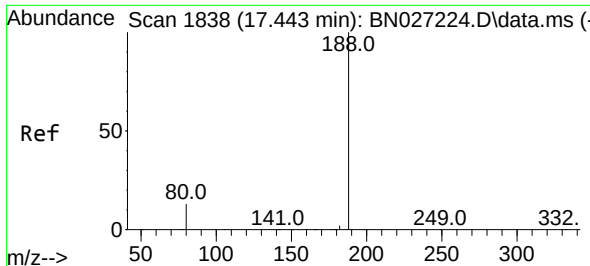
Tgt Ion:330 Resp: 2347
Ion Ratio Lower Upper
330 100
332 97.8 75.2 112.8
141 46.5 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.294 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion:172 Resp: 20096
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.7 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN027576.D

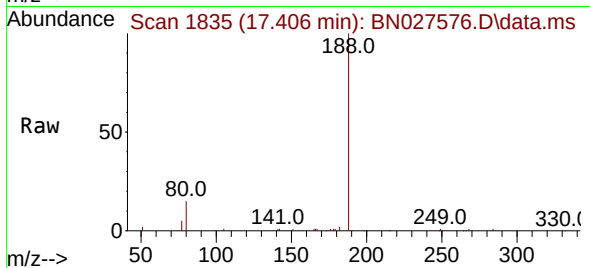
Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830



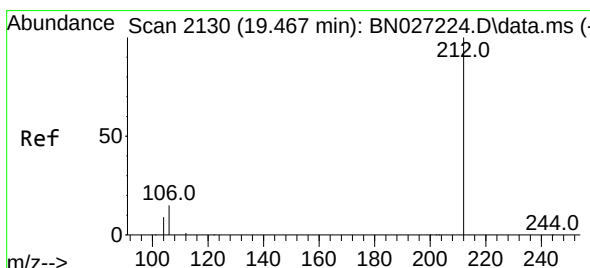
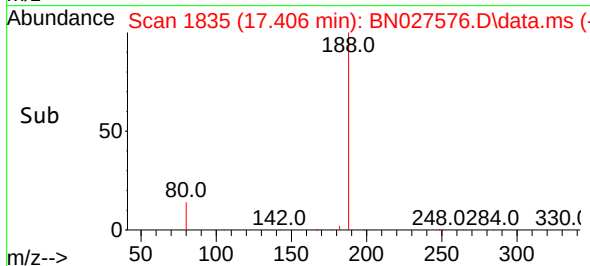
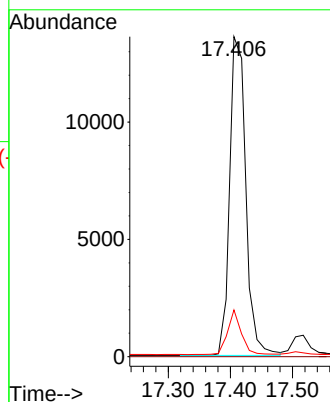
Tgt Ion:188 Resp: 24472

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.435 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

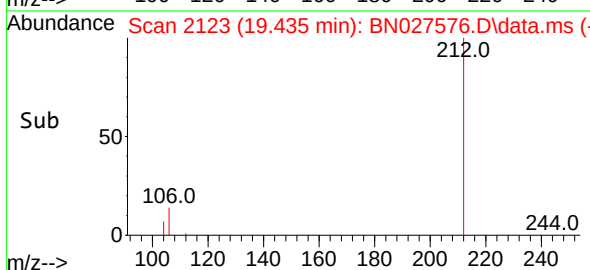
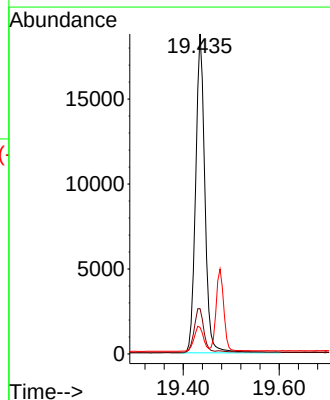
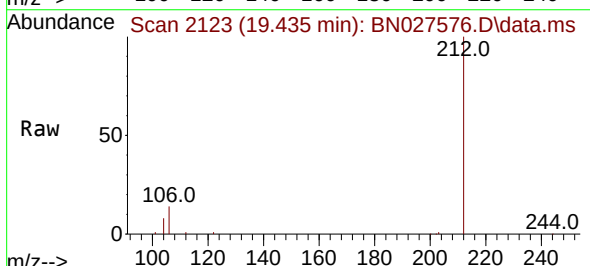
Tgt Ion:212 Resp: 25254

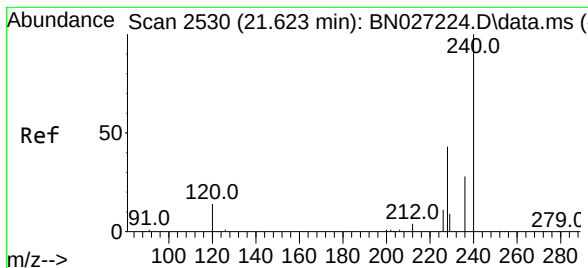
Ion Ratio Lower Upper

212 100

106 14.1 12.1 18.1

104 7.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830

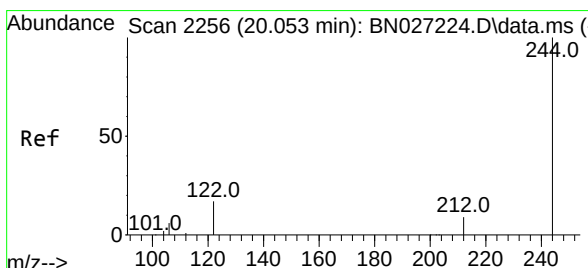
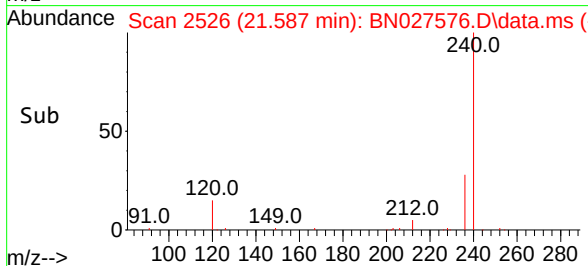
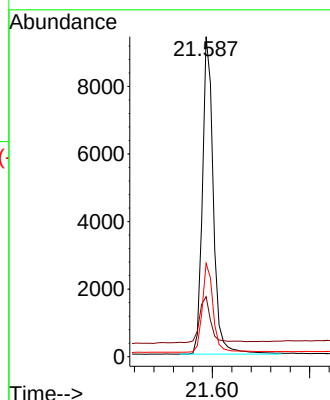
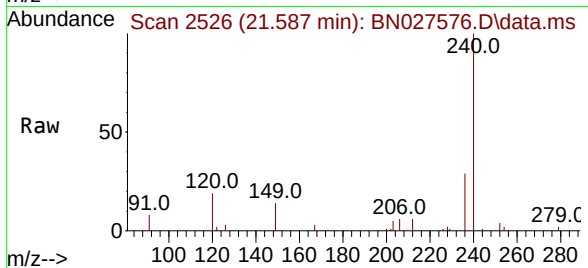
Tgt Ion:240 Resp: 14608

Ion Ratio Lower Upper

240 100

120 18.8 14.2 21.4

236 29.2 22.9 34.3



#31

Terphenyl-d14

Concen: 0.768 ng

RT: 20.020 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

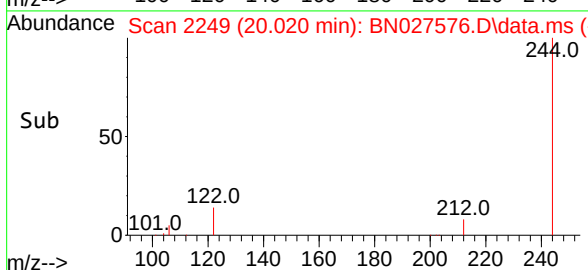
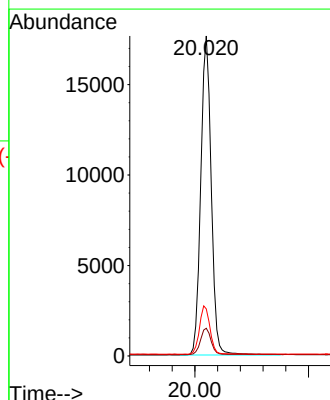
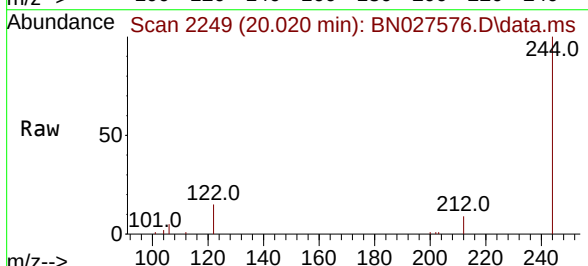
Tgt Ion:244 Resp: 22532

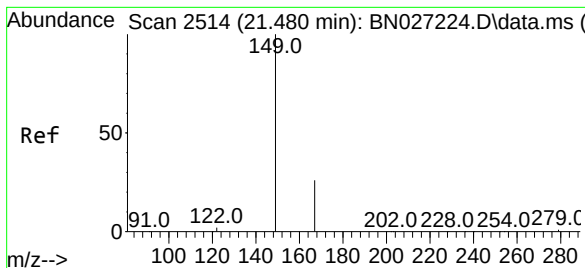
Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 14.7 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.444 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830

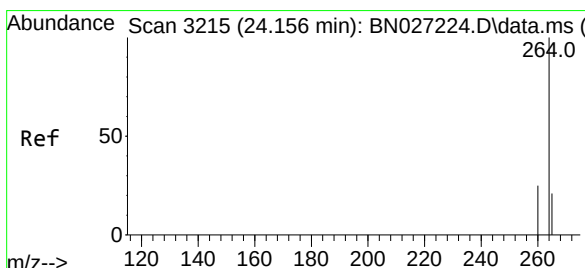
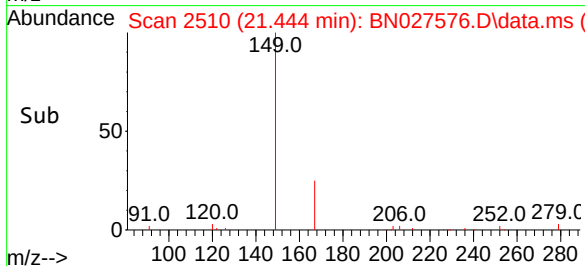
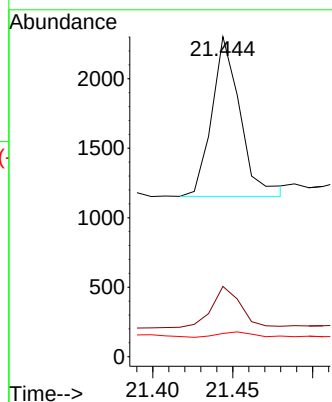
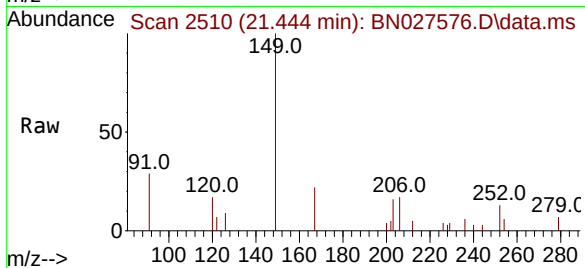
Tgt Ion:149 Resp: 1418

Ion Ratio Lower Upper

149 100

167 29.2 22.1 33.1

279 4.7 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.098 min Scan# 3195

Delta R.T. 0.003 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Tgt Ion:264 Resp: 12207

Ion Ratio Lower Upper

264 100

260 25.7 20.7 31.1

265 80.0 53.3 79.9#

