

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027264.D
 Acq On : 30 Aug 2023 06:19
 Operator : MA/JU
 Sample : 04128-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20230822

Quant Time: Aug 30 18:13:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

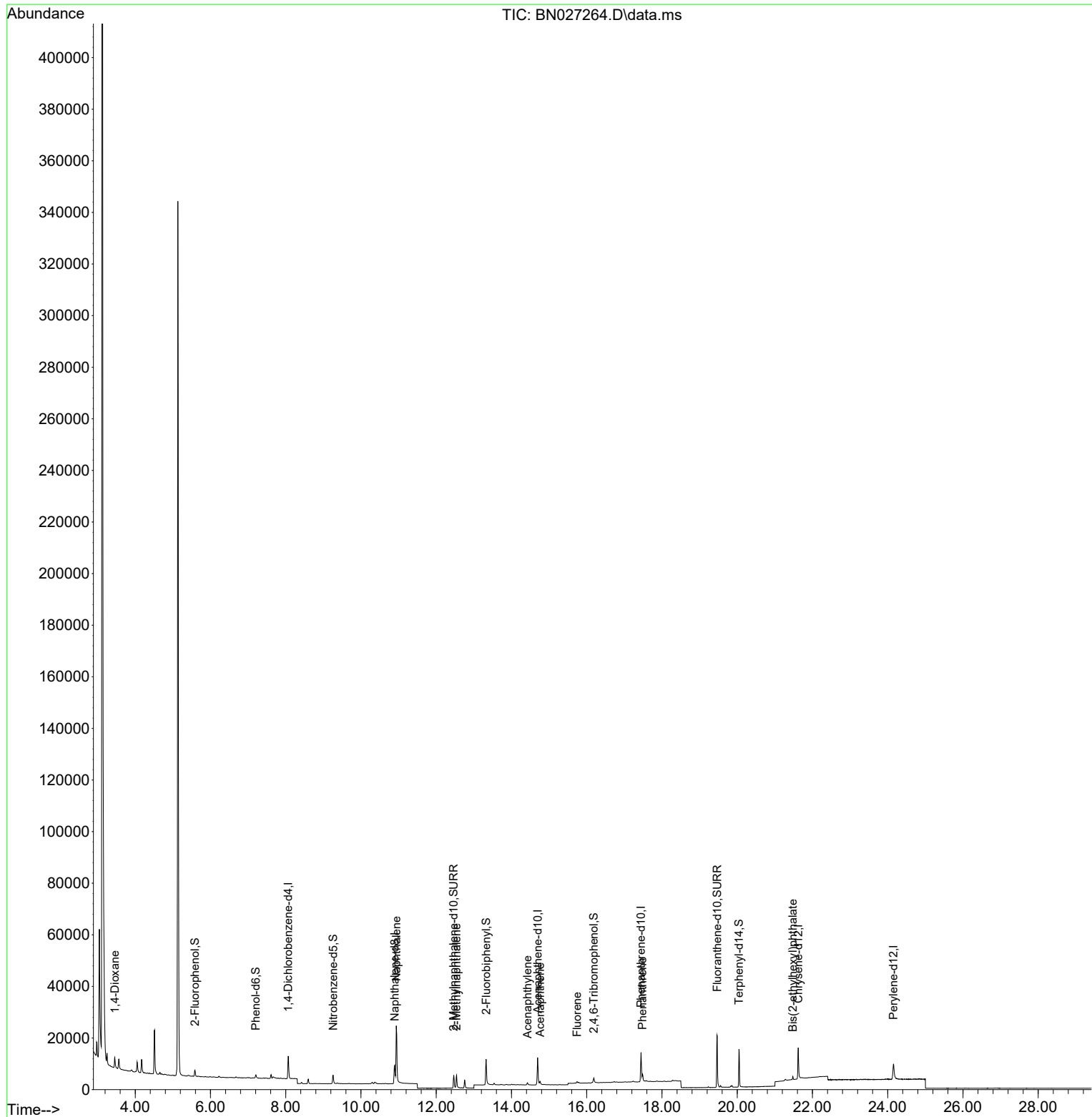
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4352	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	11567	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6946	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	17674	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13233	0.400	ng	0.00
35) Perylene-d12	24.153	264	11257	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2227	0.196	ng	0.00
5) Phenol-d6	7.207	99	1431	0.104	ng	0.00
8) Nitrobenzene-d5	9.262	82	3213	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	7932	0.467	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1327	0.516	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	10519	0.398	ng	0.00
27) Fluoranthene-d10	19.467	212	23701	0.539	ng	0.00
31) Terphenyl-d14	20.048	244	14364	0.540	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	2903	0.546	ng	# 81
9) Naphthalene	10.938	128	33956	1.077	ng	99
12) 2-Methylnaphthalene	12.540	142	4044	0.180	ng	97
16) Acenaphthylene	14.427	152	1185	0.037	ng	98
17) Acenaphthene	14.758	154	566	0.027	ng	95
18) Fluorene	15.742	166	636	0.023	ng	100
25) Phenanthrene	17.480	178	3151	0.061	ng	99
34) Bis(2-ethylhexyl)phtha...	21.479	149	1241	0.057	ng	96

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

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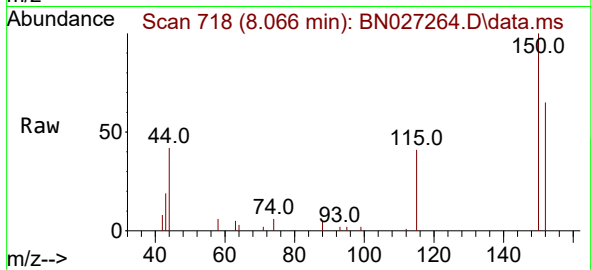
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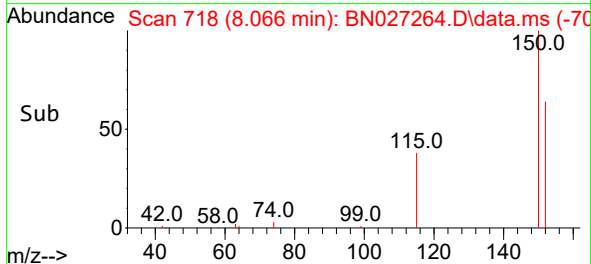
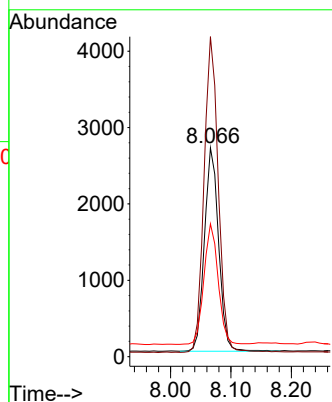


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230822

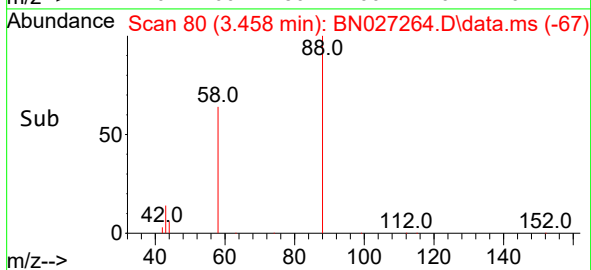
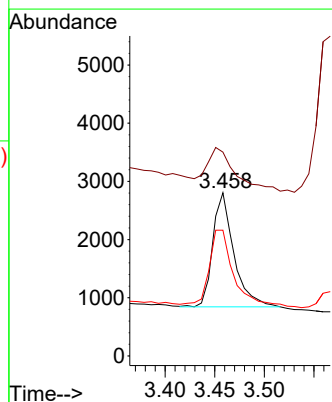
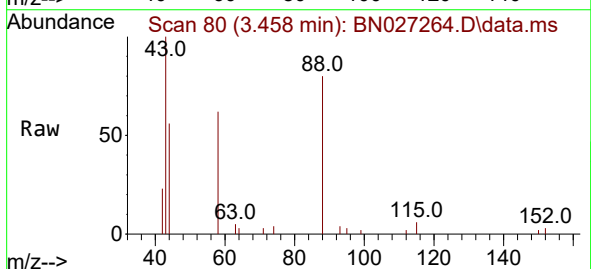


Tgt Ion:152 Resp: 4352
Ion Ratio Lower Upper
152 100
150 153.3 122.7 184.1
115 63.6 48.6 73.0



#2
1,4-Dioxane
Concen: 0.546 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

Tgt Ion: 88 Resp: 2903
Ion Ratio Lower Upper
88 100
43 51.4 19.1 28.7#
58 69.2 52.2 78.2

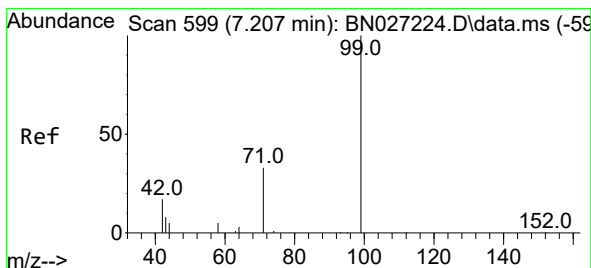
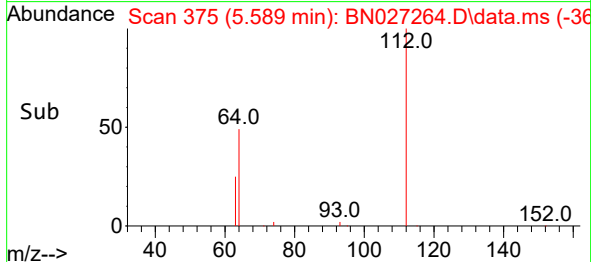
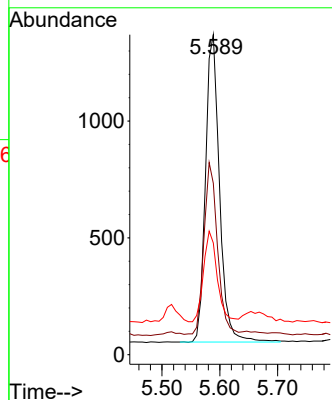
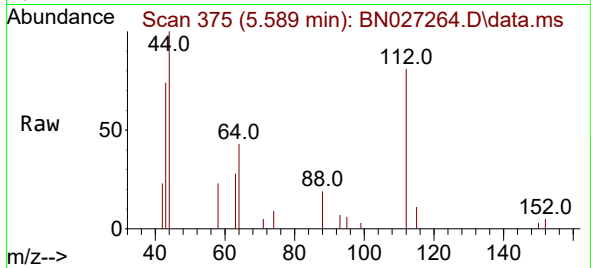




#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

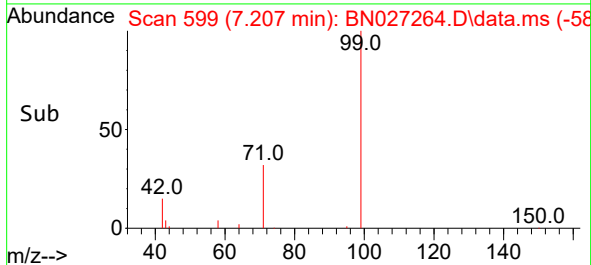
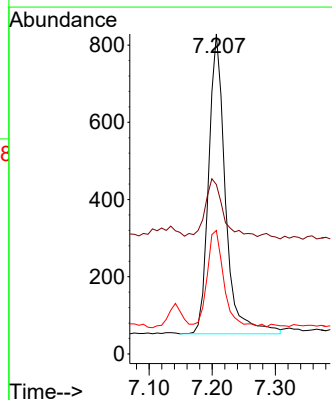
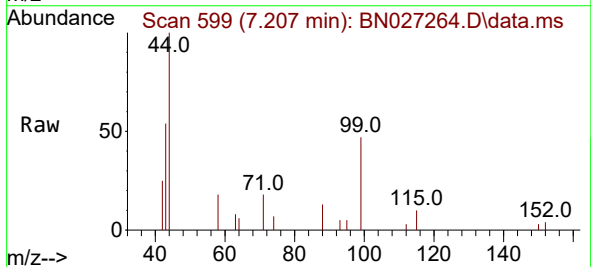
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230822

Tgt Ion:112 Resp: 2227
Ion Ratio Lower Upper
112 100
64 53.8 44.4 66.6
63 28.7 23.1 34.7



#5
Phenol-d6
Concen: 0.104 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

Tgt Ion: 99 Resp: 1431
Ion Ratio Lower Upper
99 100
42 20.9 14.5 21.7
71 32.0 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230822

Tgt Ion:136 Resp: 11567

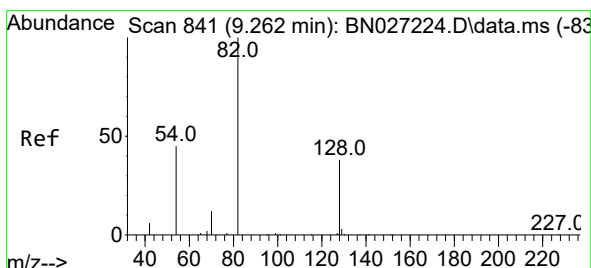
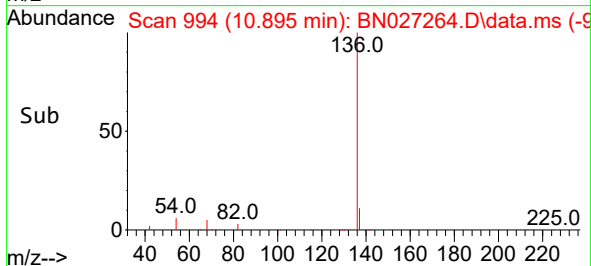
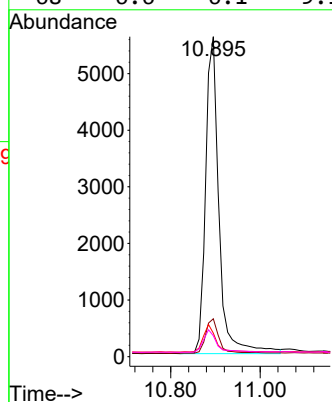
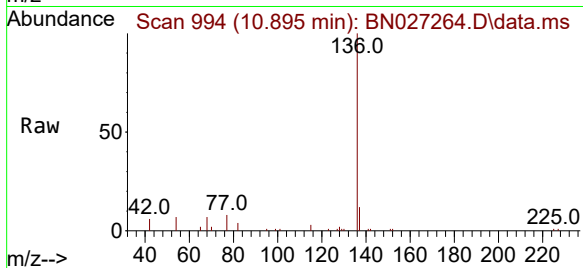
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 7.3 6.7 10.1

68 6.6 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.381 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

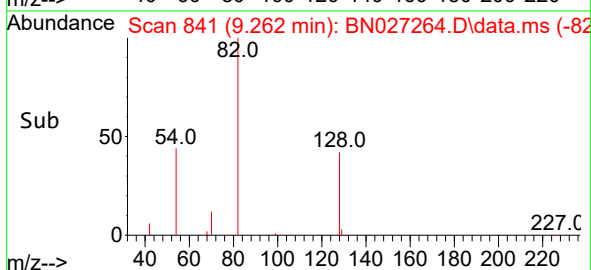
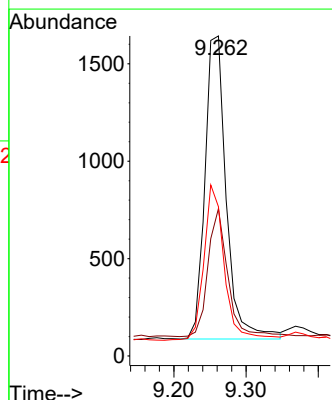
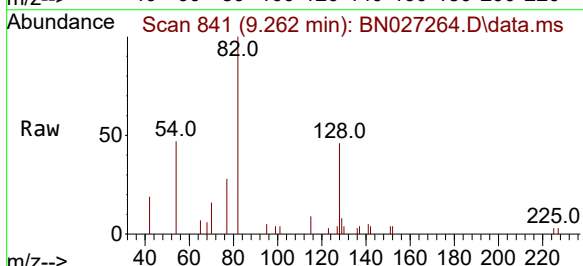
Tgt Ion: 82 Resp: 3213

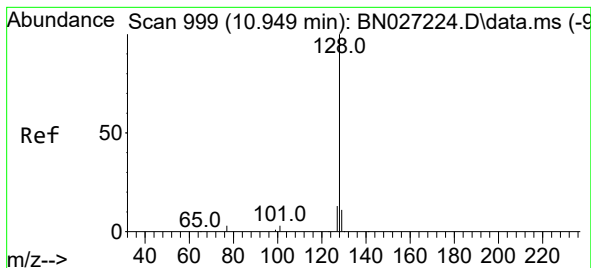
Ion Ratio Lower Upper

82 100

128 46.1 33.4 50.0

54 46.7 37.7 56.5





#9

Naphthalene

Concen: 1.077 ng

RT: 10.938 min Scan# 99

Delta R.T. -0.011 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230822

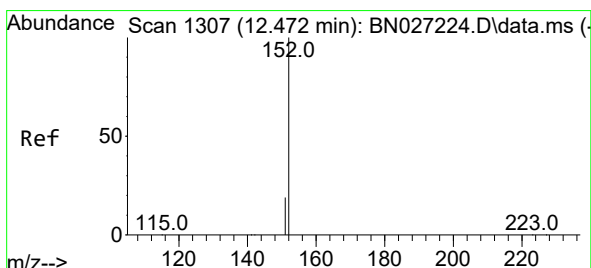
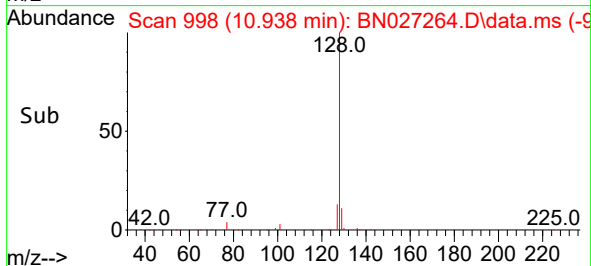
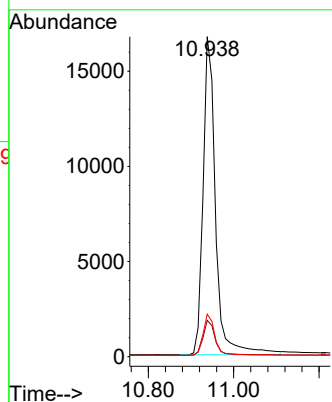
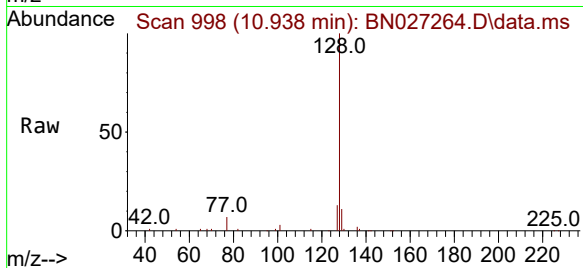
Tgt Ion:128 Resp: 33956

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.3 10.6 15.8



#11

2-Methylnaphthalene-d10

Concen: 0.467 ng

RT: 12.464 min Scan# 1305

Delta R.T. -0.008 min

Lab File: BN027264.D

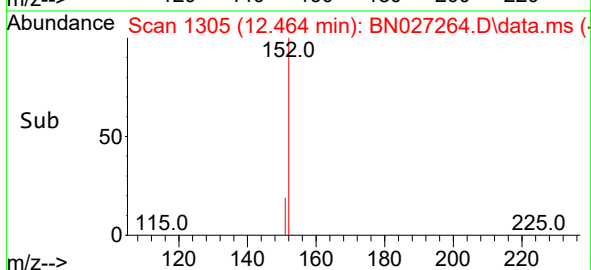
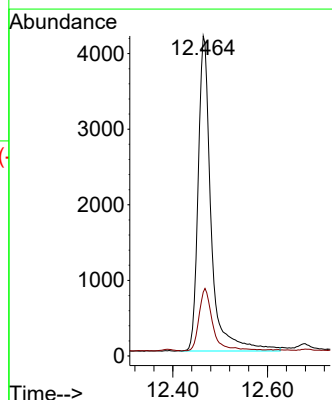
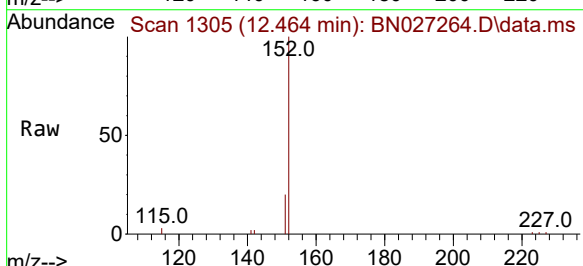
Acq: 30 Aug 2023 06:19

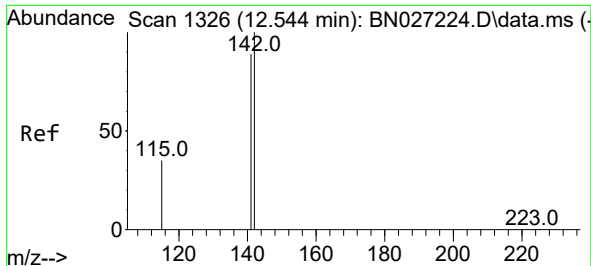
Tgt Ion:152 Resp: 7932

Ion Ratio Lower Upper

152 100

151 21.5 16.6 25.0





#12

2-Methylnaphthalene

Concen: 0.180 ng

RT: 12.540 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230822

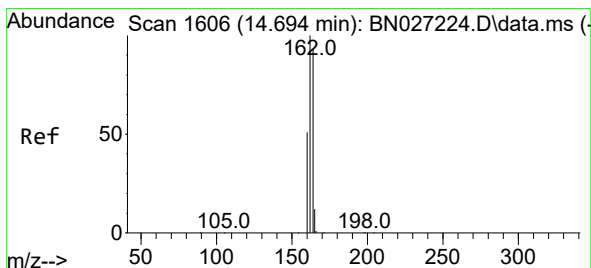
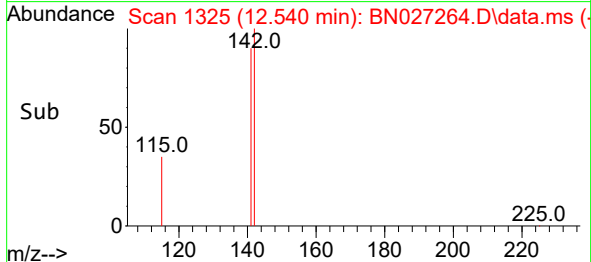
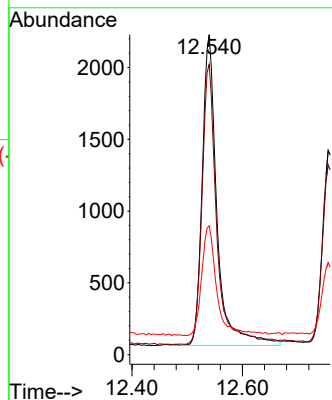
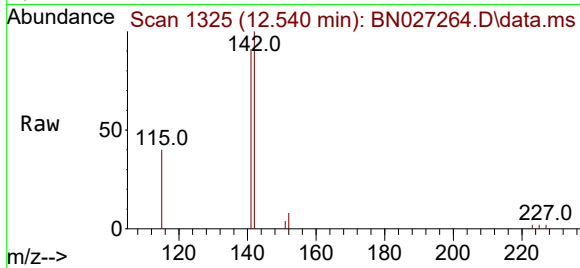
Tgt Ion:142 Resp: 4044

Ion Ratio Lower Upper

142 100

141 90.7 71.1 106.7

115 40.2 29.6 44.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

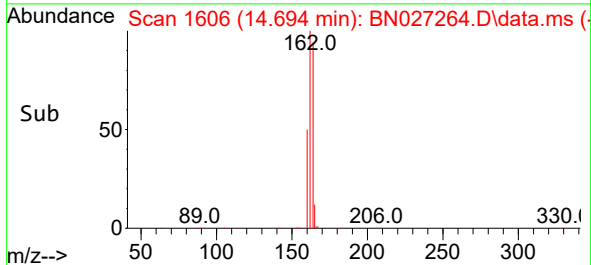
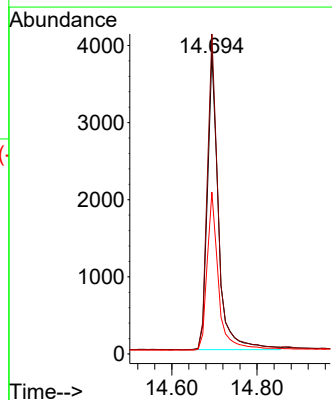
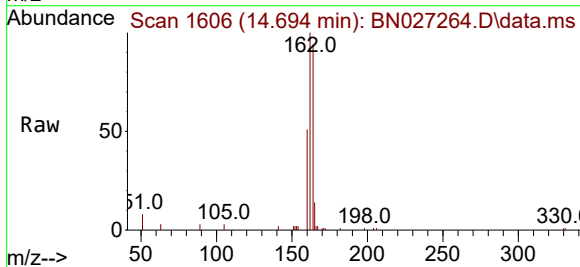
Tgt Ion:164 Resp: 6946

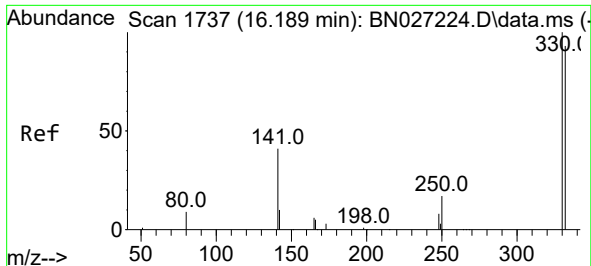
Ion Ratio Lower Upper

164 100

162 106.4 85.8 128.8

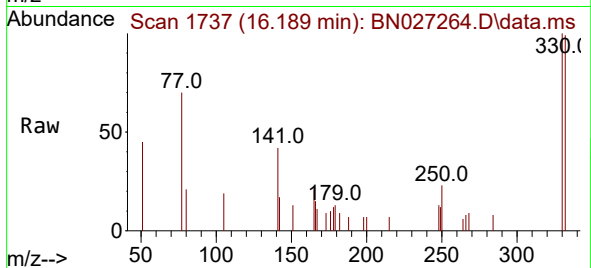
160 53.8 44.2 66.2



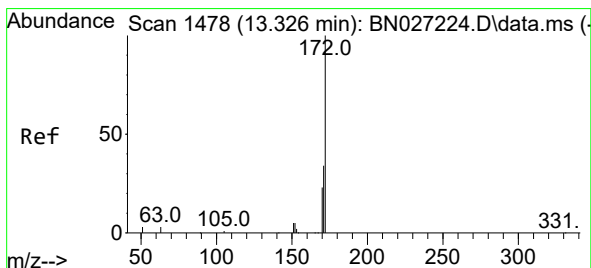
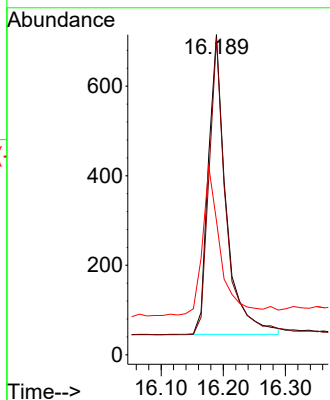
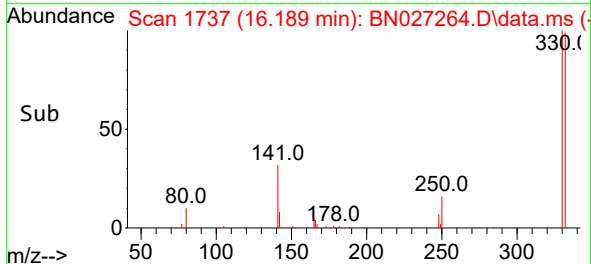


#14
2,4,6-Tribromophenol
Concen: 0.516 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

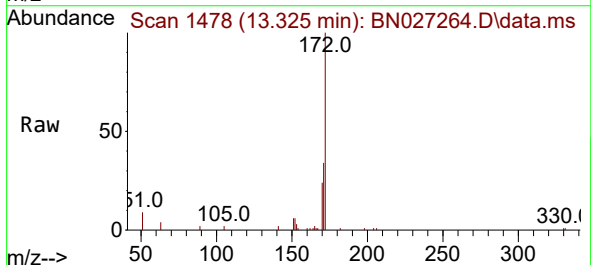
Instrument :
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RW8-MW01S-20230822



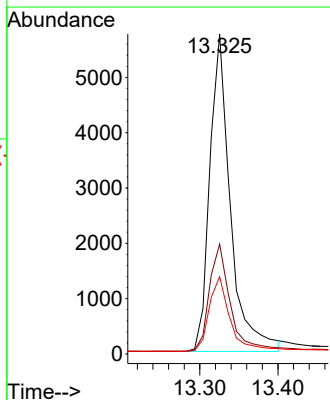
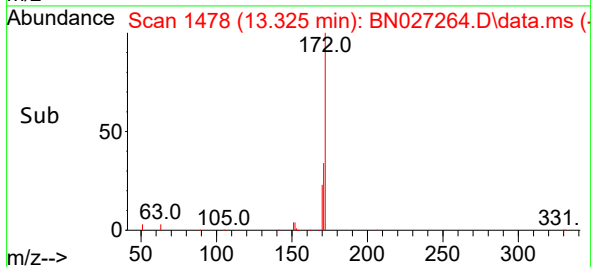
Tgt Ion:330 Resp: 1327
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 49.7 36.2 54.4

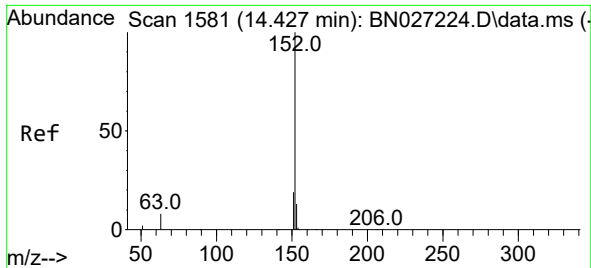


#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19



Tgt Ion:172 Resp: 10519
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 24.2 19.3 28.9

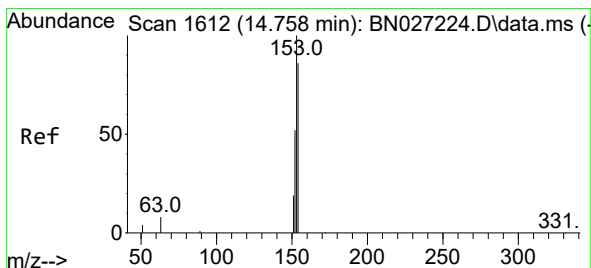
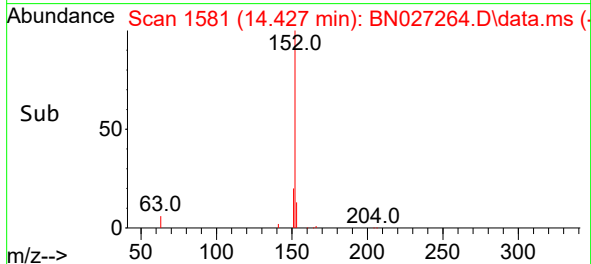
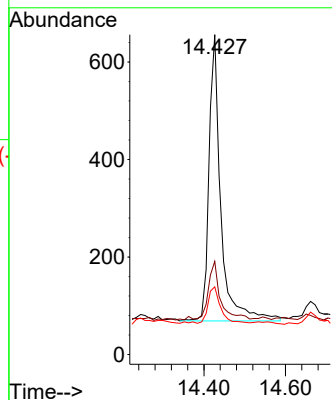
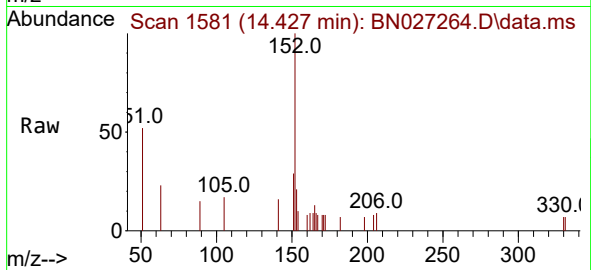




#16
Acenaphthylene
Concen: 0.037 ng
RT: 14.427 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

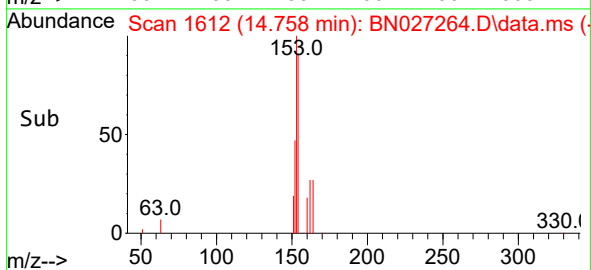
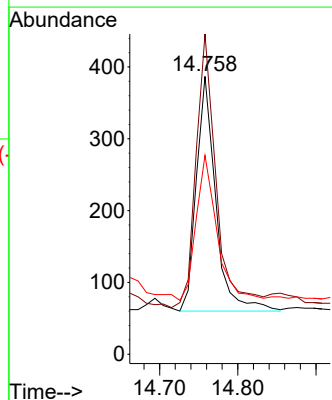
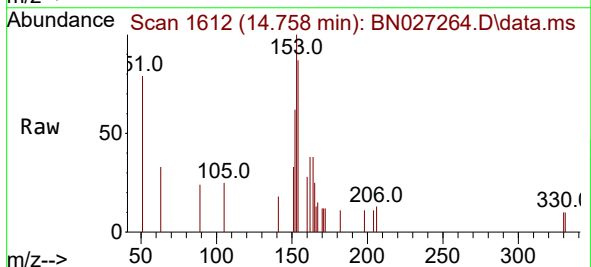
Instrument :
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ClientSampleId :
RW8-MW01S-20230822

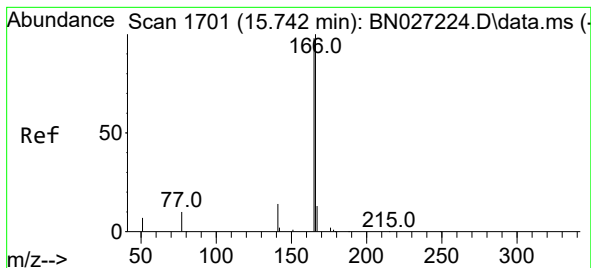
Tgt Ion:	152	Resp:	1185
Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.7	10.3	15.5



#17
Acenaphthene
Concen: 0.027 ng
RT: 14.758 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

Tgt Ion:	154	Resp:	566
Ion	Ratio	Lower	Upper
154	100		
153	121.2	93.1	139.7
152	65.9	48.6	73.0





#18

Fluorene

Concen: 0.023 ng

RT: 15.742 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

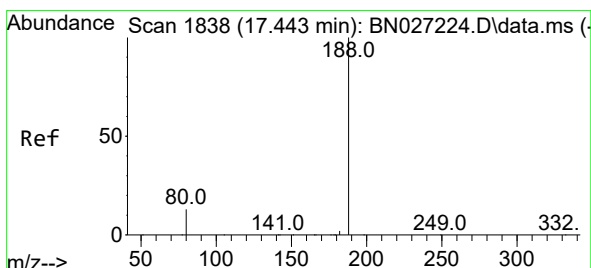
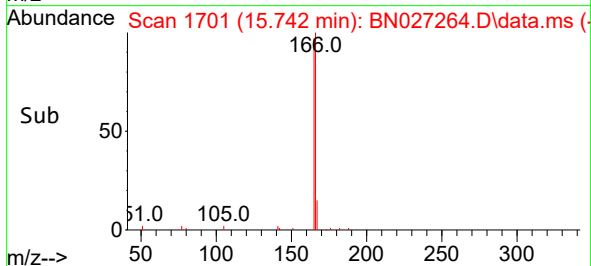
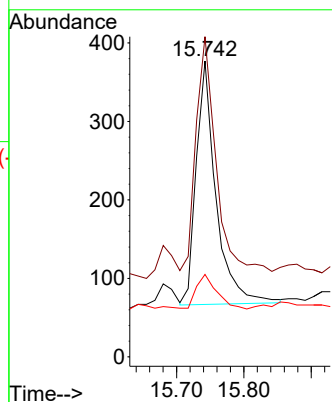
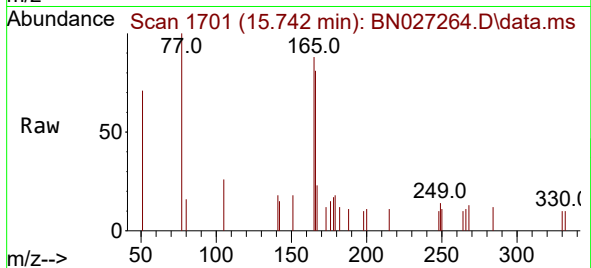
Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230822

Tgt Ion:	166	Resp:	636
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.0	118.4
167	14.6	10.8	16.2



#19

Phenanthrene-d10

Concen: 0.400 ng

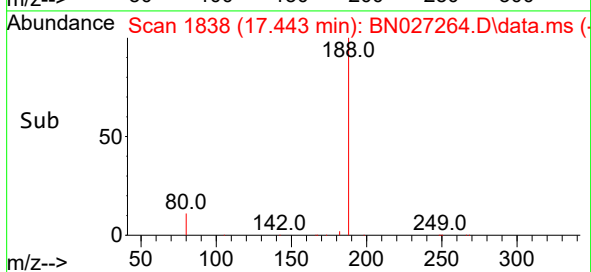
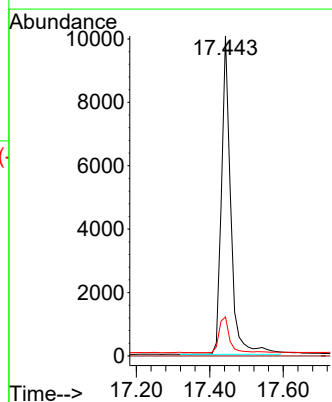
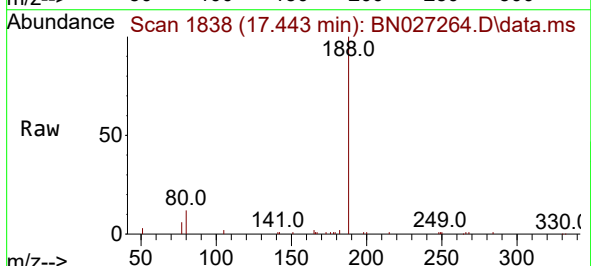
RT: 17.443 min Scan# 1838

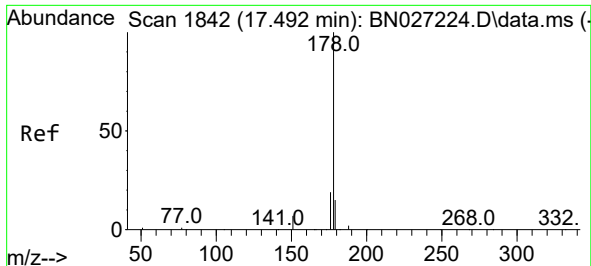
Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

Tgt Ion:	188	Resp:	17674
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	11.0	16.6

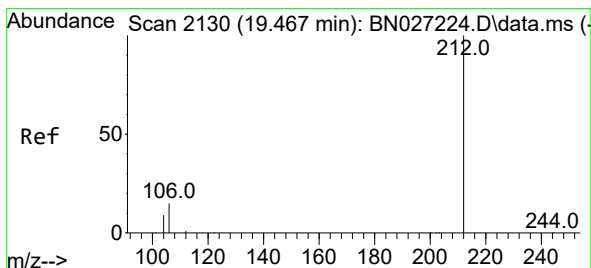
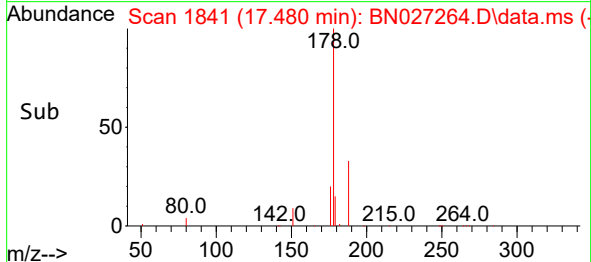
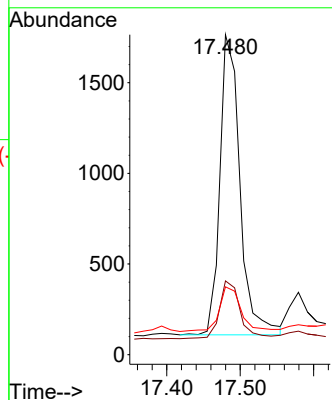
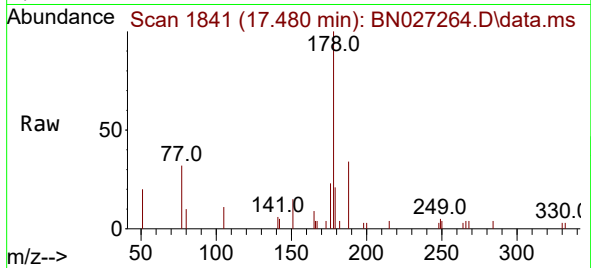




#25
Phenanthrene
Concen: 0.061 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.013 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

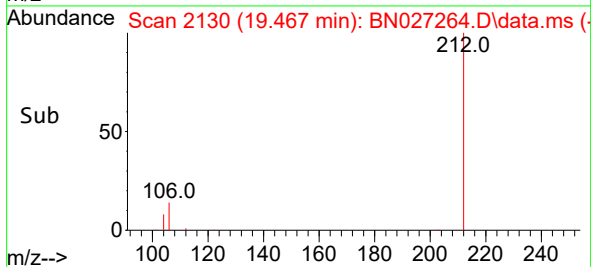
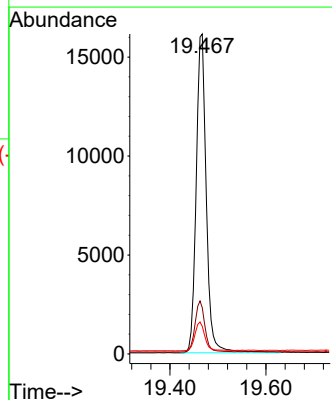
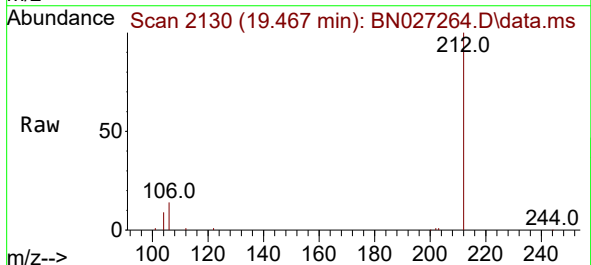
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230822

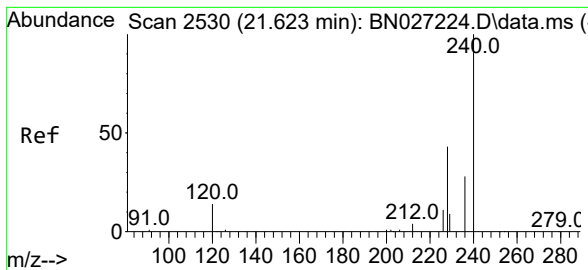
Tgt Ion:178 Resp: 3151
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.0 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.539 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027264.D
Acq: 30 Aug 2023 06:19

Tgt Ion:212 Resp: 23701
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 9.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230822

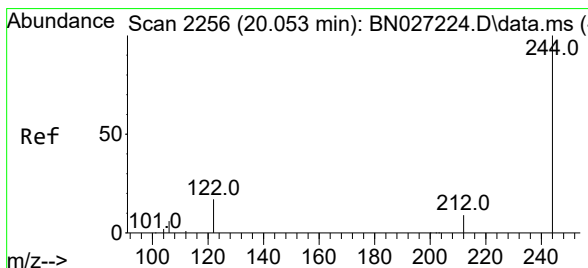
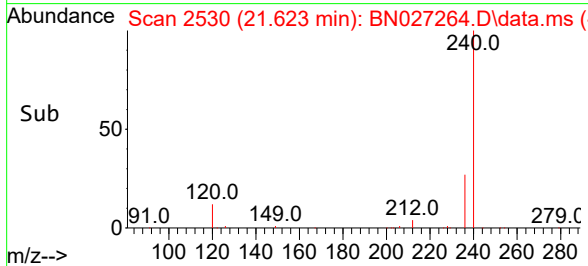
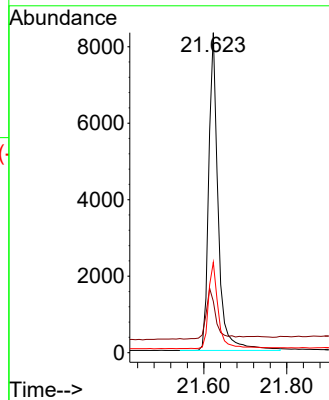
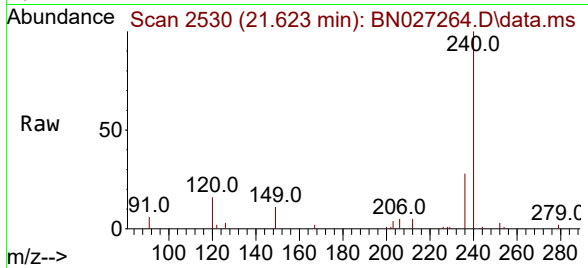
Tgt Ion:240 Resp: 13233

Ion Ratio Lower Upper

240 100

120 16.1 14.2 21.4

236 28.3 22.9 34.3



#31

Terphenyl-d14

Concen: 0.540 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027264.D

Acq: 30 Aug 2023 06:19

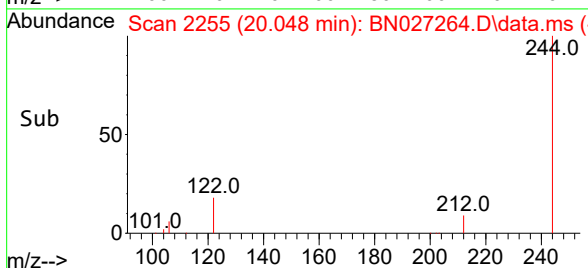
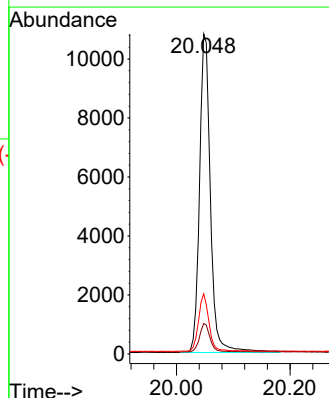
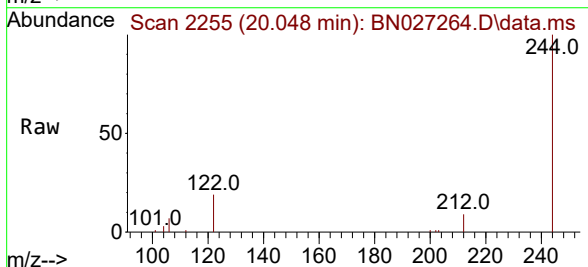
Tgt Ion:244 Resp: 14364

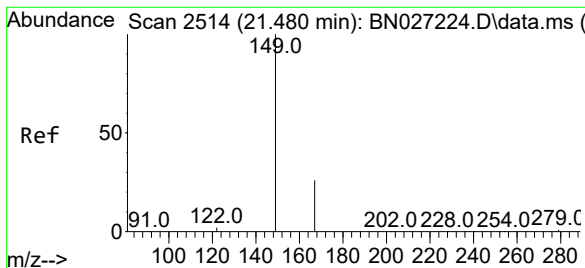
Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

122 18.8 14.0 21.0

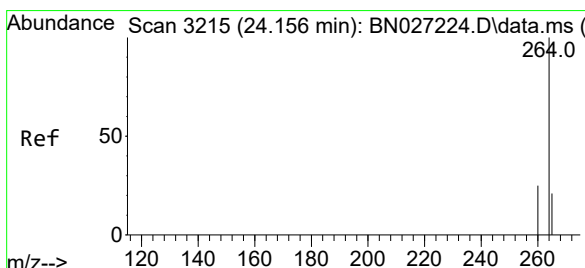
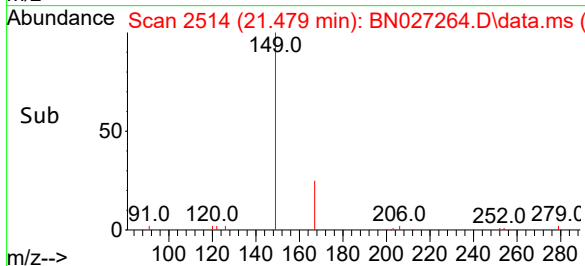
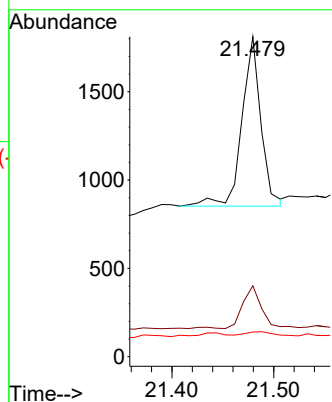
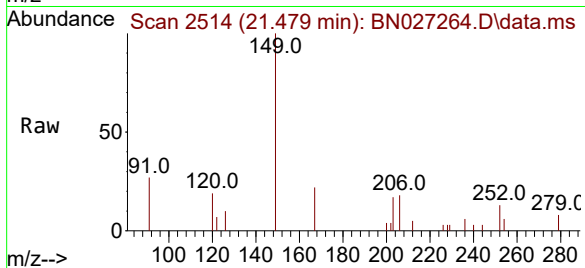




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.479 min Scan# 2141
 Delta R.T. -0.000 min
 Lab File: BN027264.D
 Acq: 30 Aug 2023 06:19

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20230822

Tgt Ion:149 Resp: 1241
 Ion Ratio Lower Upper
 149 100
 167 25.1 22.1 33.1
 279 3.6 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.153 min Scan# 3214
 Delta R.T. -0.003 min
 Lab File: BN027264.D
 Acq: 30 Aug 2023 06:19

Tgt Ion:264 Resp: 11257
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.7 31.1
 265 79.0 53.3 79.9

