

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029987.D
 Acq On : 24 Feb 2024 10:42
 Operator : MA/JU
 Sample : P1507-23
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240215

Quant Time: Feb 26 04:51:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

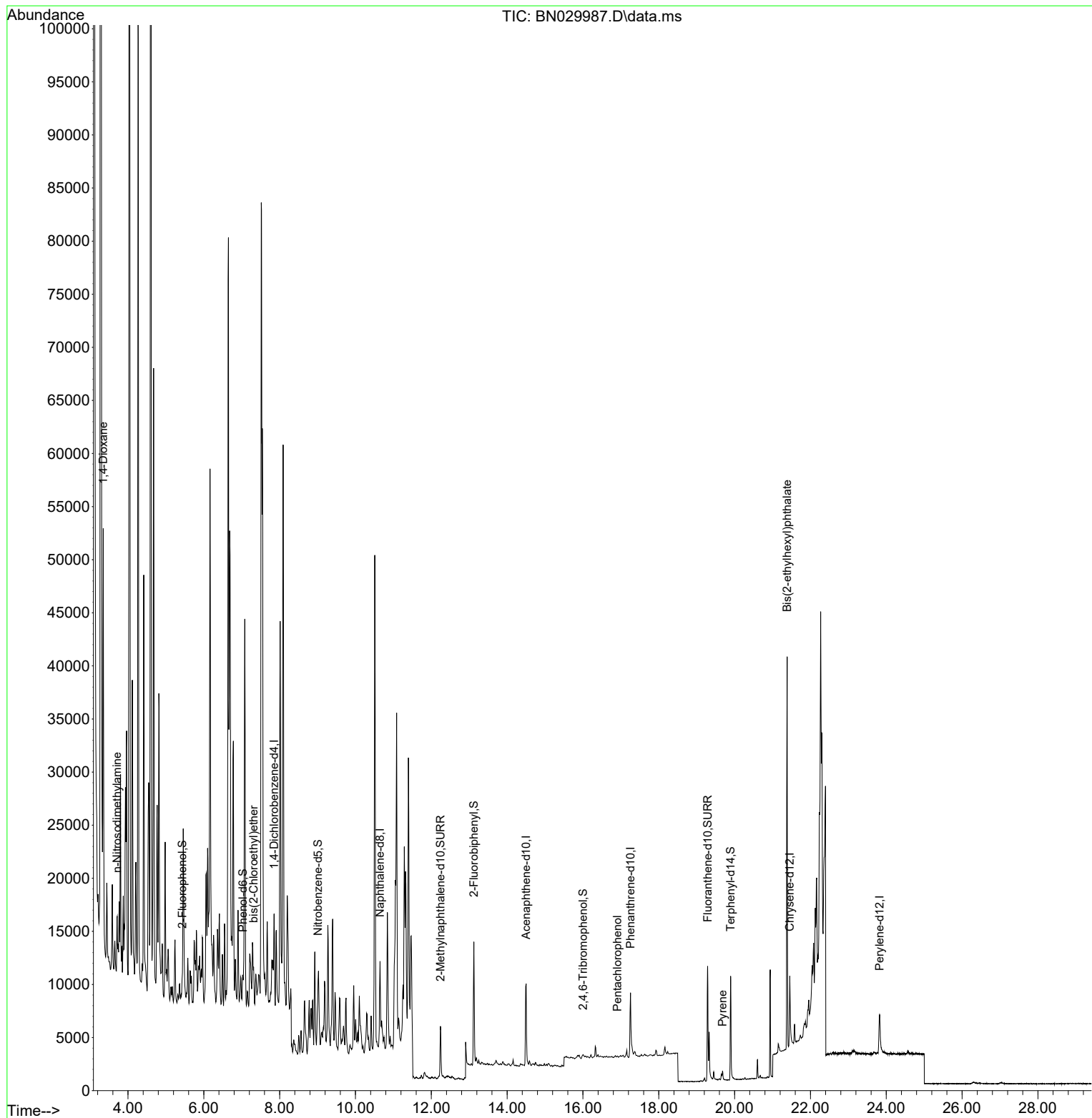
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4363	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11366	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5558	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	10147	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8298	0.400	ng	0.00
35) Perylene-d12	23.827	264	7211	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1136	0.108	ng	0.00
5) Phenol-d6	7.031	99	1859	0.154	ng	0.00
8) Nitrobenzene-d5	9.014	82	5180	0.547	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7274	0.470	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	176	0.099	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10732	0.450	ng	0.00
27) Fluoranthene-d10	19.290	212	13983	0.569	ng	0.00
31) Terphenyl-d14	19.894	244	10893	0.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	21078	3.432	ng	# 92
3) n-Nitrosodimethylamine	3.709	42	1428	0.285	ng	# 1
6) bis(2-Chloroethyl)ether	7.313	93	416	0.036	ng	# 1
24) Pentachlorophenol	16.908	266	50	0.021	ng	# 32
30) Pyrene	19.680	202	787	0.021	ng	93
34) Bis(2-ethylhexyl)phtha...	21.385	149	32813	1.699	ng	99

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

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Instrument :
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RW4-20240215

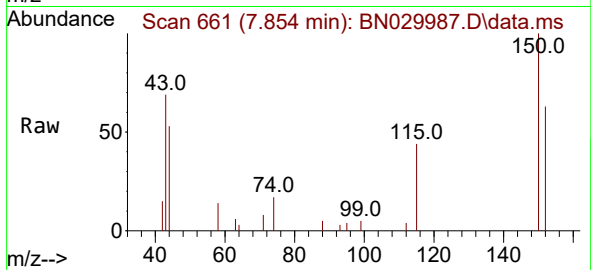
Quant Time: Feb 26 04:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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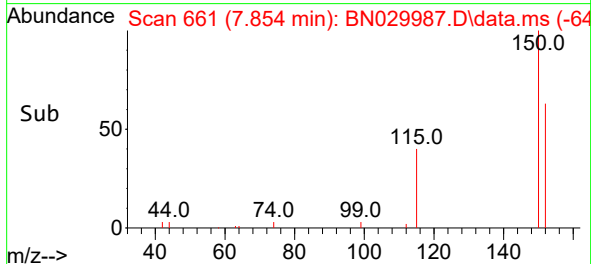
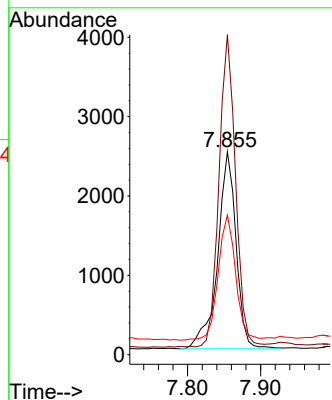
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: BN029987.D
 Acq: 24 Feb 2024 10:42

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240215



Tgt Ion:152 Resp: 4363

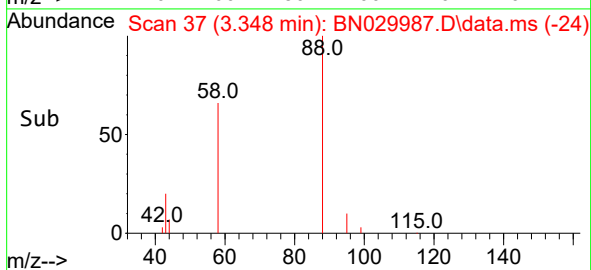
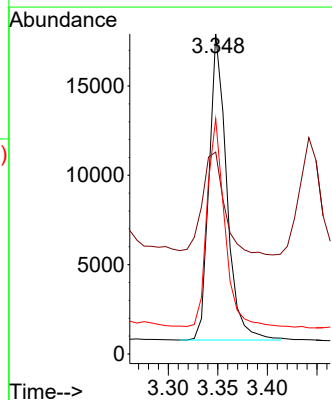
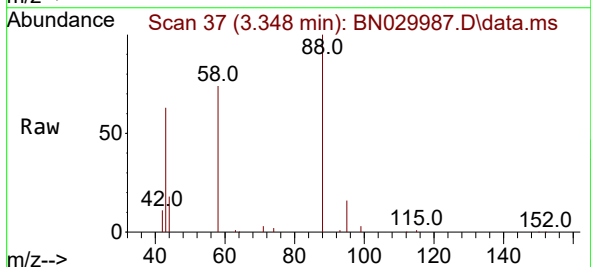
Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.4
115	68.9	51.4	77.0



#2
 1,4-Dioxane
 Concen: 3.432 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029987.D
 Acq: 24 Feb 2024 10:42

Tgt Ion: 88 Resp: 21078

Ion	Ratio	Lower	Upper
88	100		
43	42.8	23.3	34.9
58	67.5	53.8	80.6

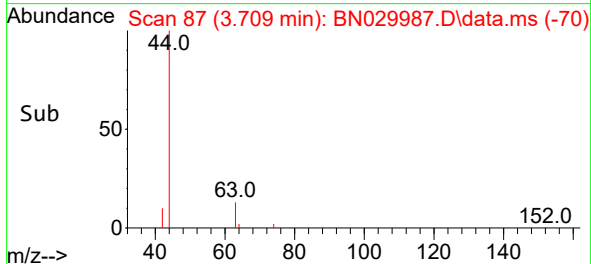
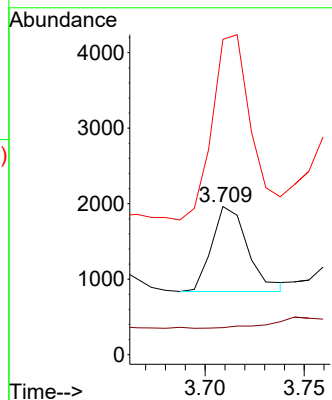
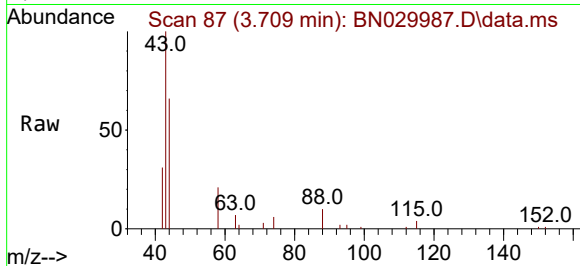




#3
n-Nitrosodimethylamine
Concen: 0.285 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

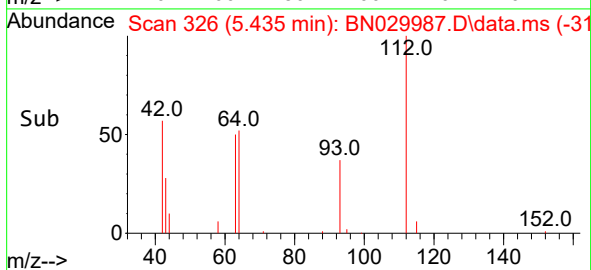
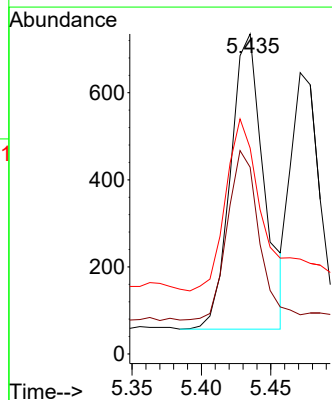
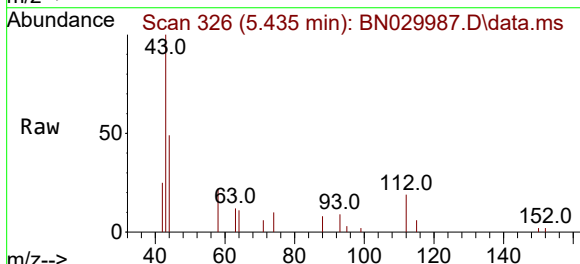
Instrument :
BNA_N
ClientSampleId :
RW4-20240215

Tgt Ion: 42 Resp: 1428
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 237.2 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion: 112 Resp: 1136
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 74.4 25.8 38.6#

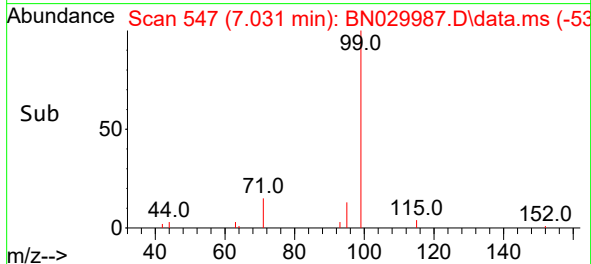
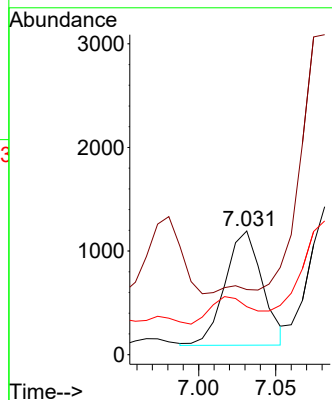
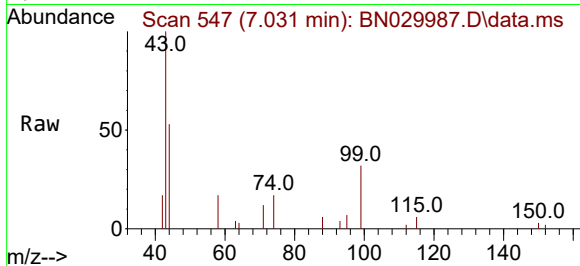




#5
Phenol-d6
Concen: 0.154 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

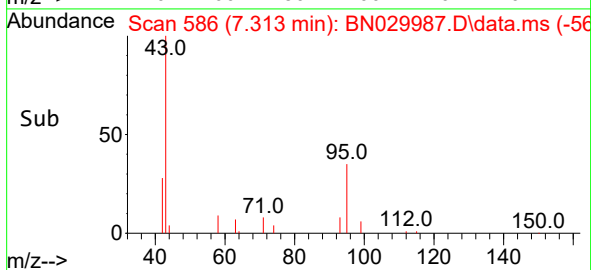
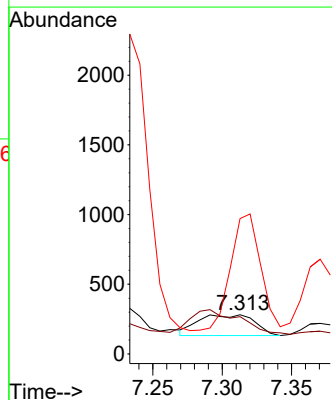
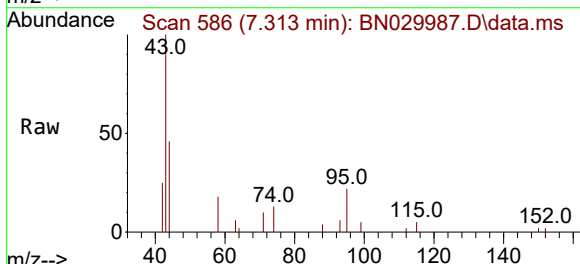
Instrument :
BNA_N
ClientSampleId :
RW4-20240215

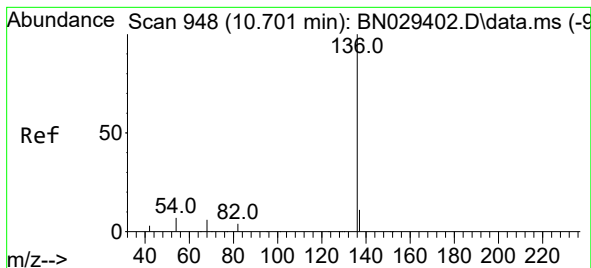
Tgt Ion: 99 Resp: 1859
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 33.6 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.313 min Scan# 586
Delta R.T. 0.022 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion: 93 Resp: 416
Ion Ratio Lower Upper
93 100
63 0.0 63.1 94.7#
95 301.7 27.1 40.7#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN029987.D

Acq: 24 Feb 2024 10:42

Instrument :

BNA_N

ClientSampleId :

RW4-20240215

Tgt Ion:136 Resp: 11366

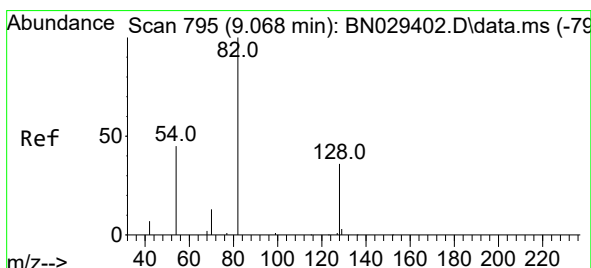
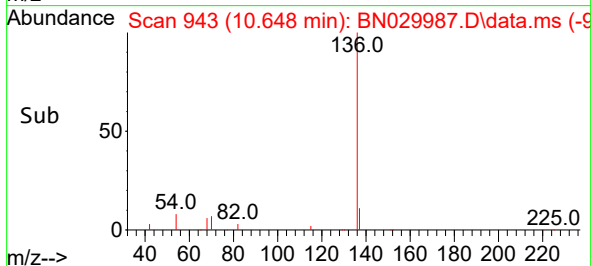
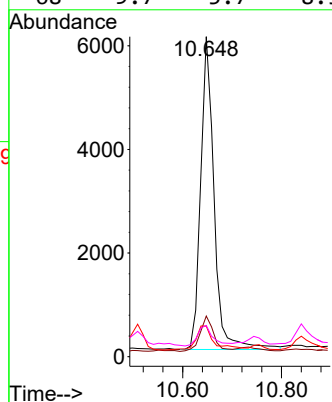
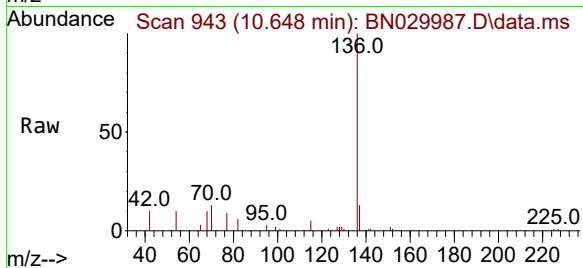
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 9.6 6.6 10.0

68 9.7 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.547 ng

RT: 9.014 min Scan# 790

Delta R.T. 0.000 min

Lab File: BN029987.D

Acq: 24 Feb 2024 10:42

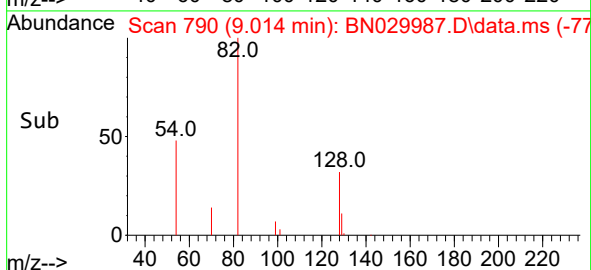
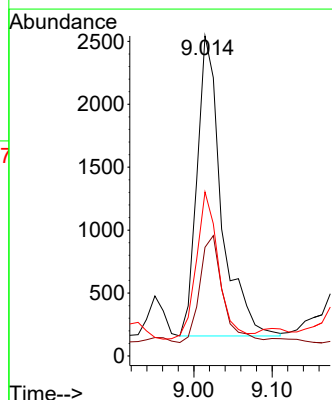
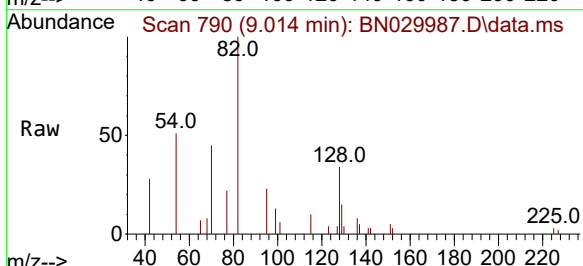
Tgt Ion: 82 Resp: 5180

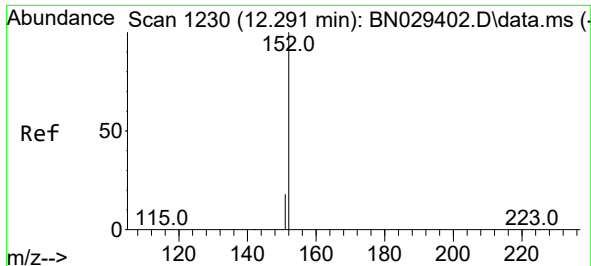
Ion Ratio Lower Upper

82 100

128 33.9 31.6 47.4

54 51.2 38.2 57.4

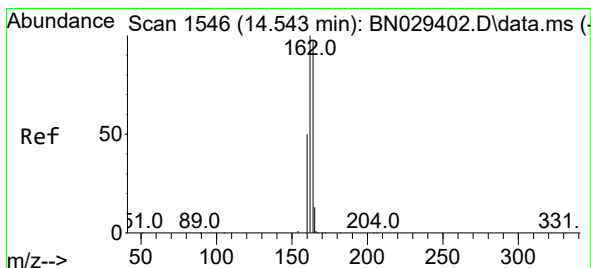
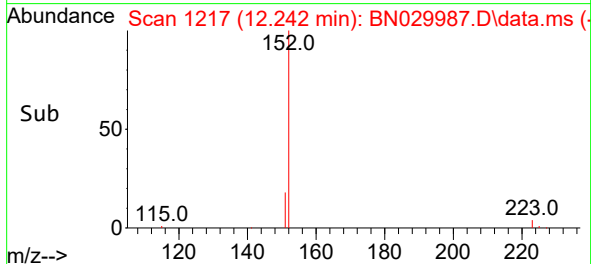
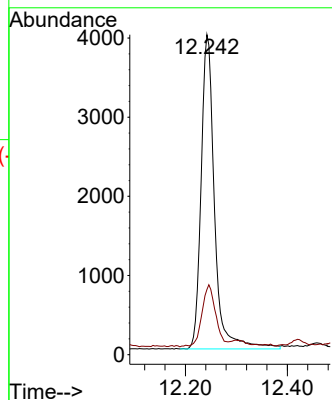
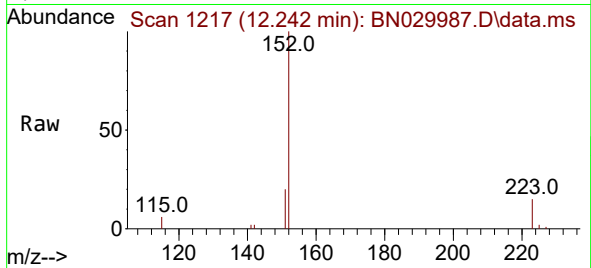




#11
2-Methylnaphthalene-d10
Concen: 0.470 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

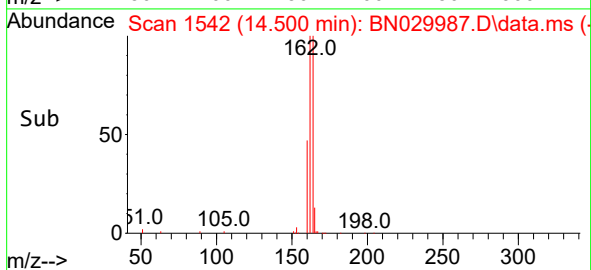
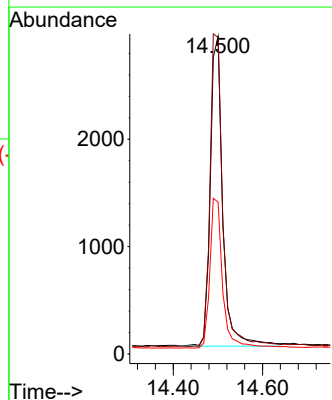
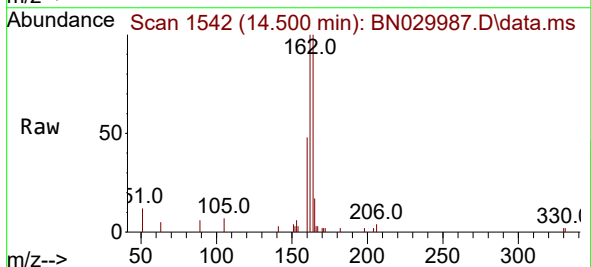
Instrument :
BNA_N
ClientSampleId :
RW4-20240215

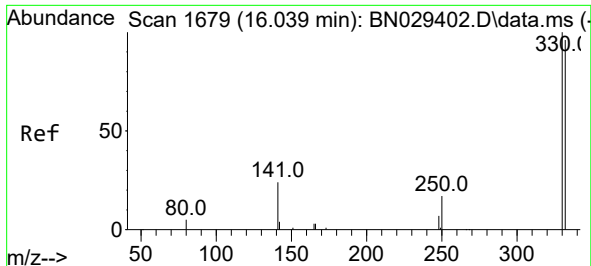
Tgt Ion:152 Resp: 7274
Ion Ratio Lower Upper
152 100
151 20.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion:164 Resp: 5558
Ion Ratio Lower Upper
164 100
162 99.7 82.6 123.8
160 47.8 41.5 62.3

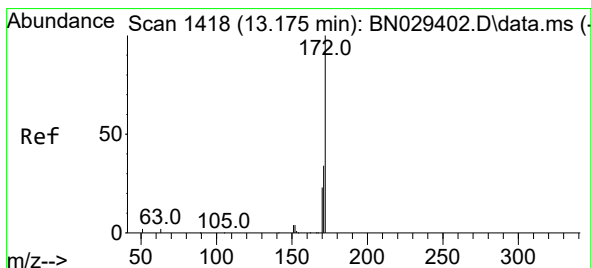
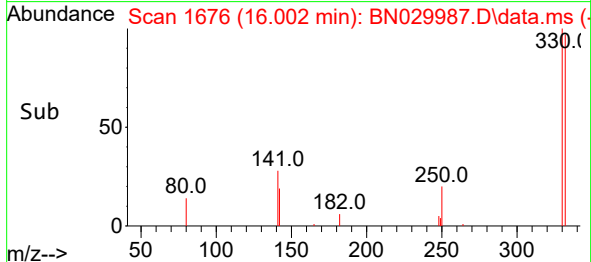
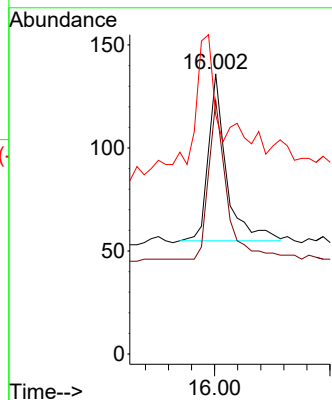
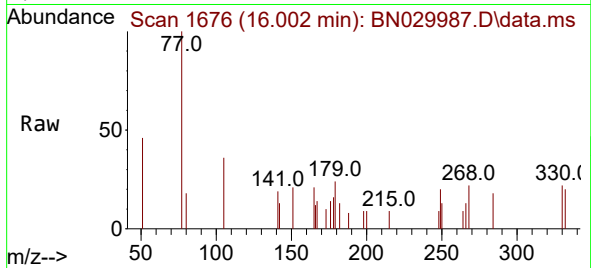




#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

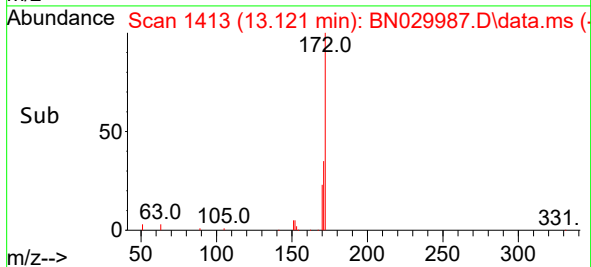
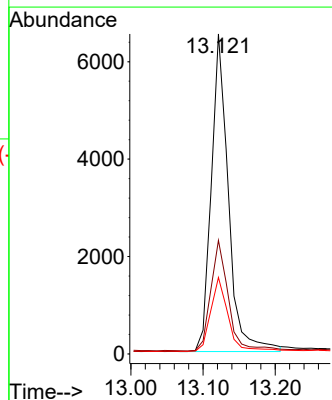
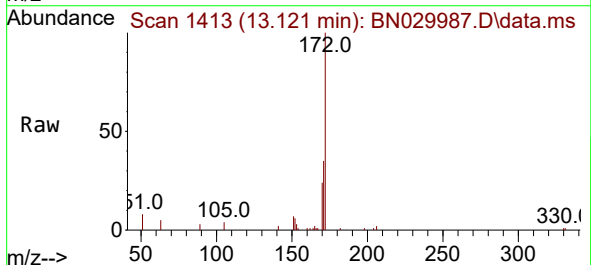
Instrument :
BNA_N
ClientSampleId :
RW4-20240215

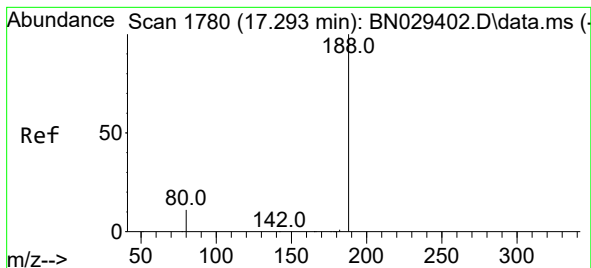
Tgt Ion:330 Resp: 176
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 73.9 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion:172 Resp: 10732
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.9 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.256 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029987.D

Acq: 24 Feb 2024 10:42

Instrument :

BNA_N

ClientSampleId :

RW4-20240215

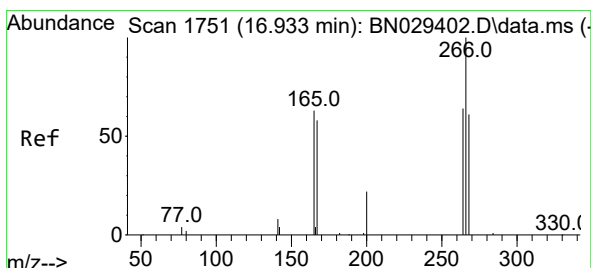
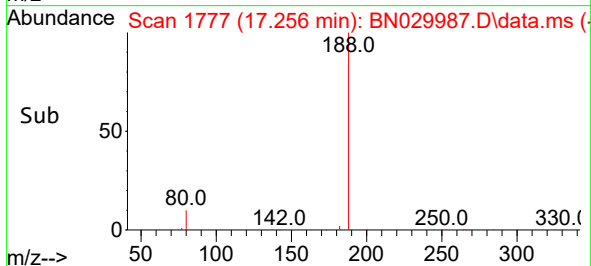
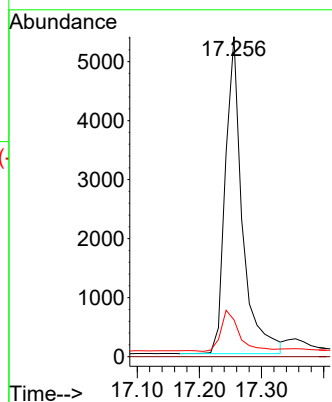
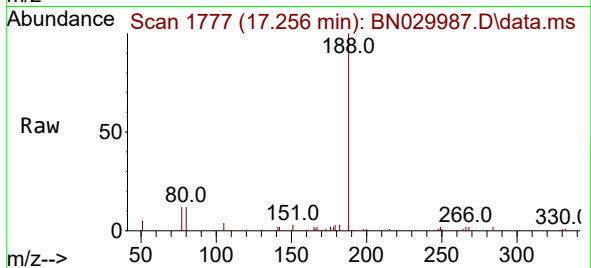
Tgt Ion:188 Resp: 10147

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 10.0 15.0



#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.908 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BN029987.D

Acq: 24 Feb 2024 10:42

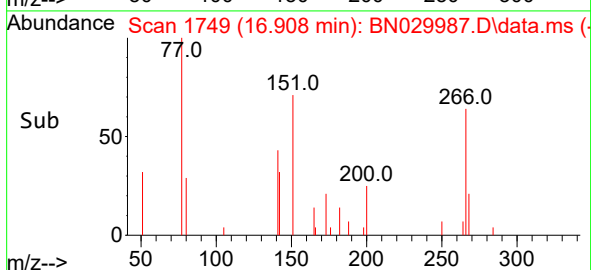
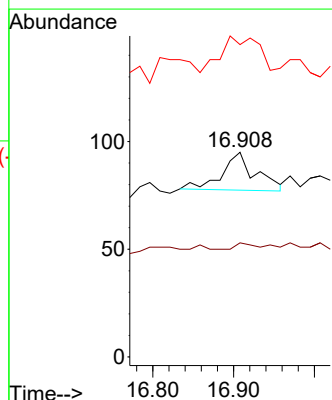
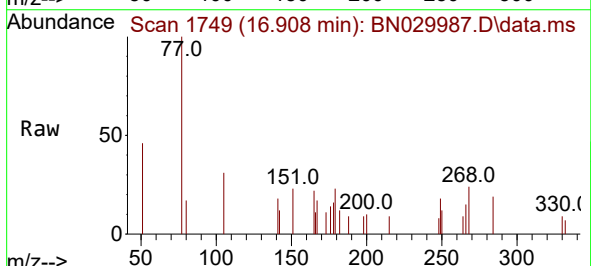
Tgt Ion:266 Resp: 50

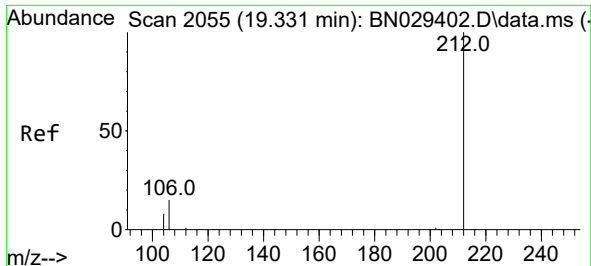
Ion Ratio Lower Upper

266 100

264 8.0 50.8 76.2#

268 116.0 51.5 77.3#

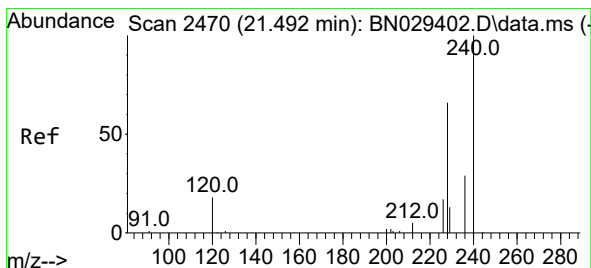
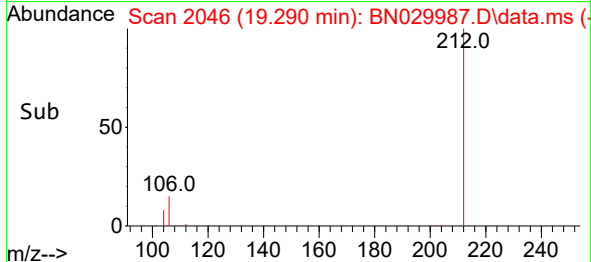
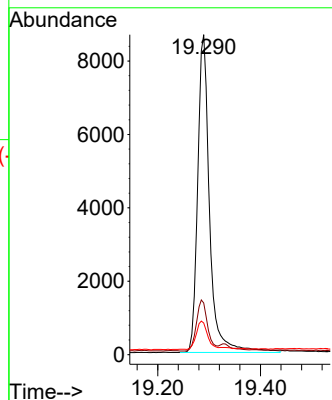
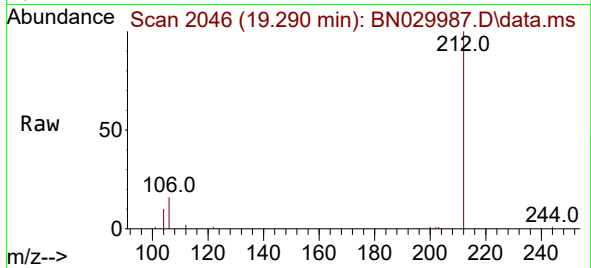




#27
Fluoranthene-d10
Concen: 0.569 ng
RT: 19.290 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

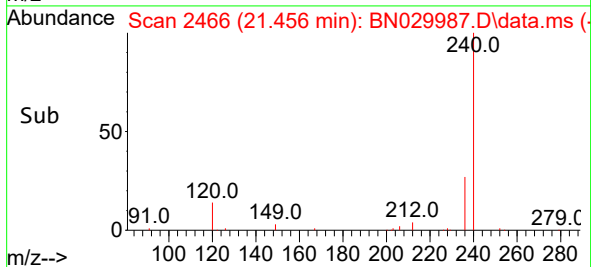
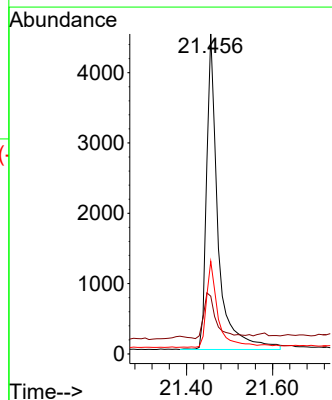
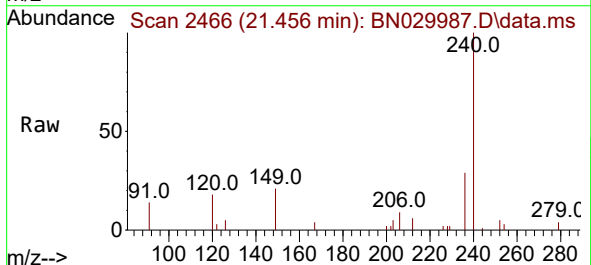
Instrument :
BNA_N
ClientSampleId :
RW4-20240215

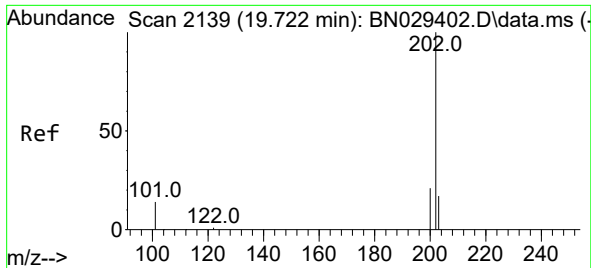
Tgt Ion:212 Resp: 13983
Ion Ratio Lower Upper
212 100
106 15.2 13.2 19.8
104 8.6 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion:240 Resp: 8298
Ion Ratio Lower Upper
240 100
120 18.1 16.7 25.1
236 28.9 23.9 35.9

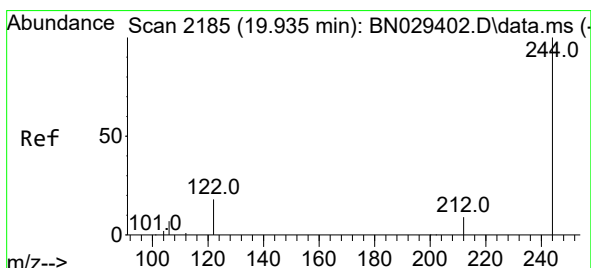
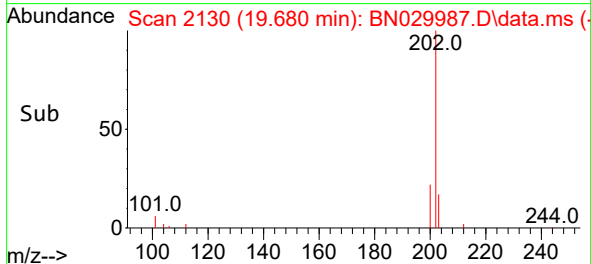
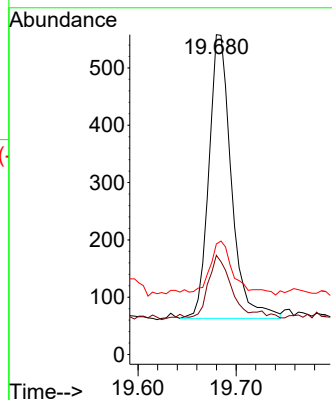
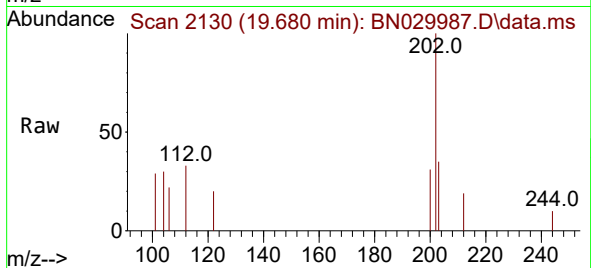




#30
 Pyrene
 Concen: 0.021 ng
 RT: 19.680 min Scan# 2130
 Delta R.T. -0.004 min
 Lab File: BN029987.D
 Acq: 24 Feb 2024 10:42

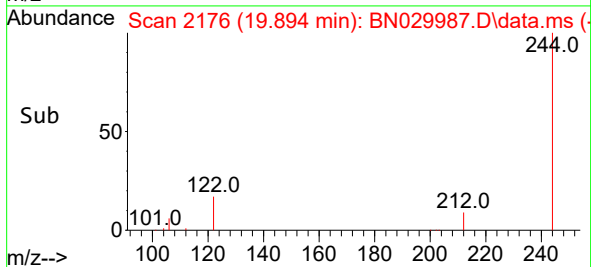
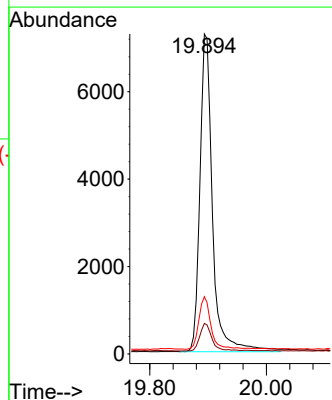
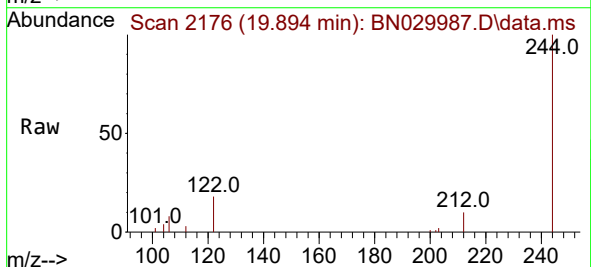
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20240215

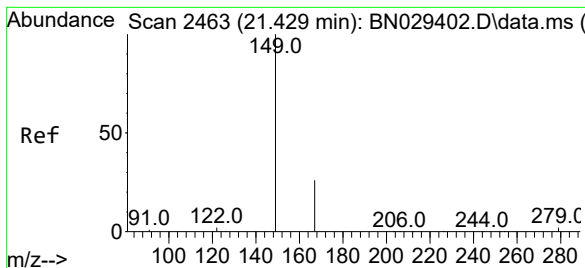
Tgt Ion:202 Resp: 787
 Ion Ratio Lower Upper
 202 100
 200 24.8 16.6 25.0
 203 19.9 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.529 ng
 RT: 19.894 min Scan# 2176
 Delta R.T. -0.004 min
 Lab File: BN029987.D
 Acq: 24 Feb 2024 10:42

Tgt Ion:244 Resp: 10893
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.2 12.4
 122 17.9 15.6 23.4

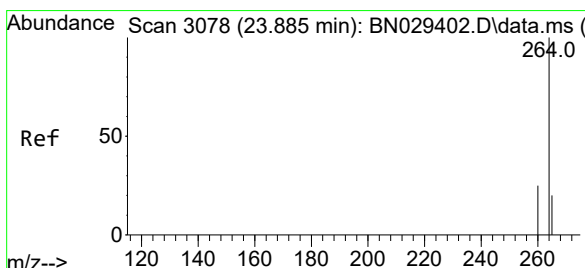
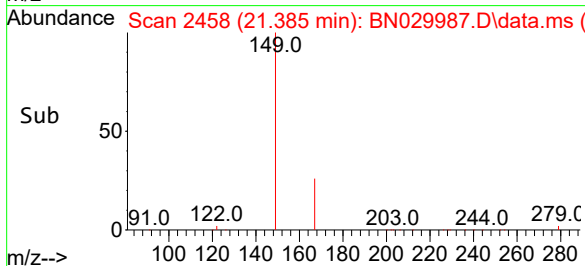
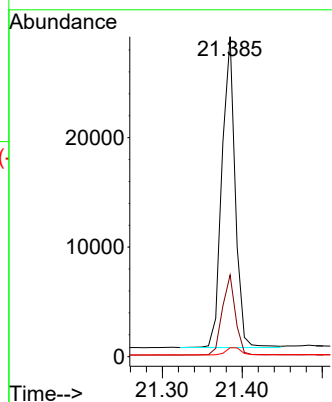
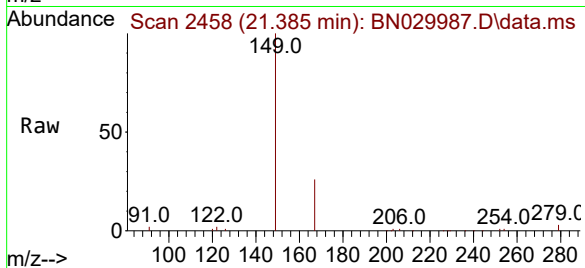




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.699 ng
RT: 21.385 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Instrument :
BNA_N
ClientSampleId :
RW4-20240215

Tgt Ion:149 Resp: 32813
Ion Ratio Lower Upper
149 100
167 25.4 20.1 30.1
279 2.8 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.827 min Scan# 3058
Delta R.T. 0.006 min
Lab File: BN029987.D
Acq: 24 Feb 2024 10:42

Tgt Ion:264 Resp: 7211
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 88.5 41.5 62.3#

