

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029018.D
 Acq On : 03 Dec 2023 13:21
 Operator : MA/JU
 Sample : 05404-25
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20231109

Quant Time: Dec 04 00:43:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

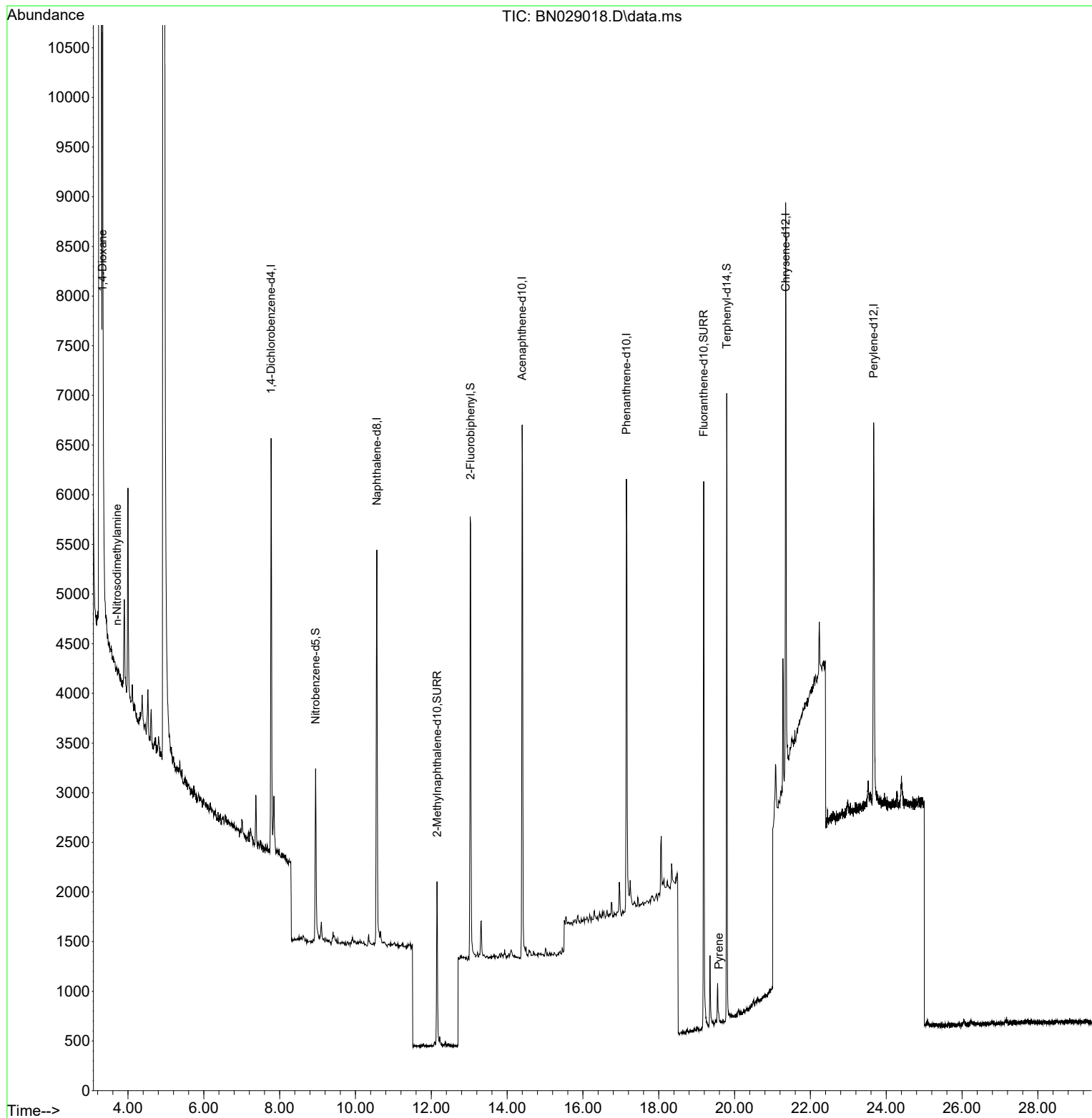
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1959	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5515	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3356	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7189	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5721	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5504	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3	0.001	ng	0.00
5) Phenol-d6	6.973	99	13	0.002	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1550	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2375	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	3	0.001	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4357	0.301	ng	0.00
27) Fluoranthene-d10	19.185	212	6502	0.344	ng	0.00
31) Terphenyl-d14	19.794	244	6217	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	4861	2.534	ng	# 90
3) n-Nitrosodimethylamine	3.709	42	49	0.108	ng	# 46
30) Pyrene	19.585	202	88	0.096	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.275	149	1354	Below Cal		# 89

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

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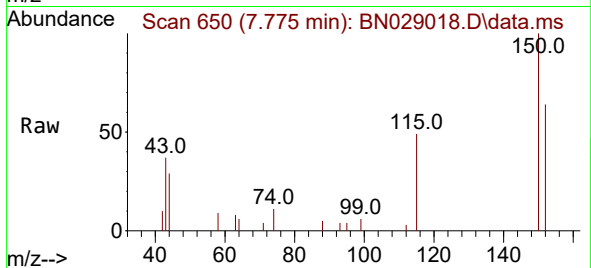
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



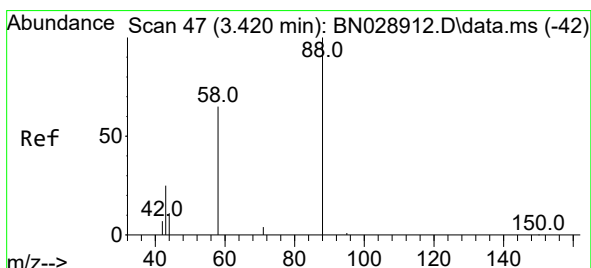
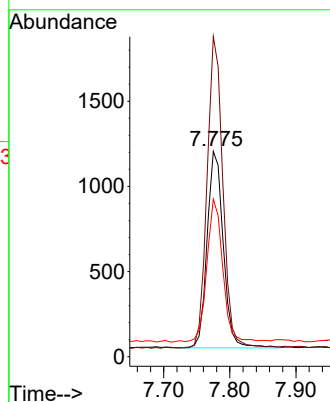
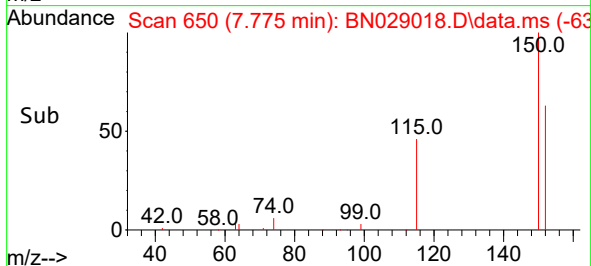


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029018.D
 Acq: 03 Dec 2023 13:21

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20231109

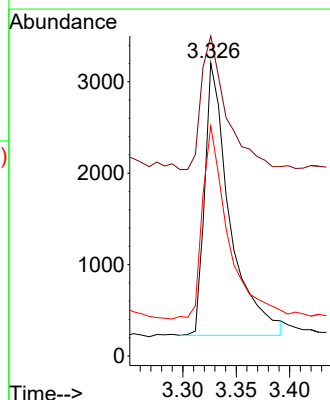
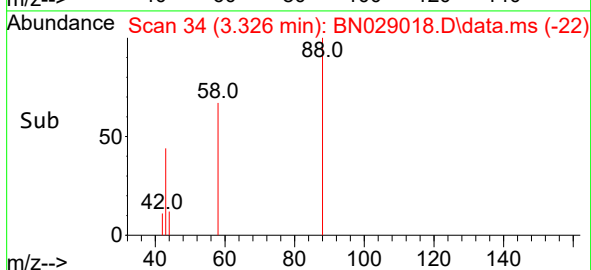
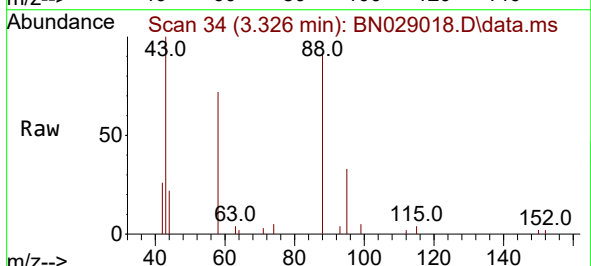


Tgt Ion:152 Resp: 1959
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.4 185.2
 115 76.8 59.1 88.7



#2
 1,4-Dioxane
 Concen: 2.534 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029018.D
 Acq: 03 Dec 2023 13:21

Tgt Ion: 88 Resp: 4861
 Ion Ratio Lower Upper
 88 100
 43 49.2 29.9 44.9#
 58 72.9 55.0 82.4

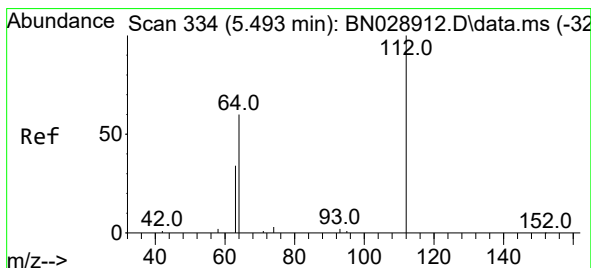
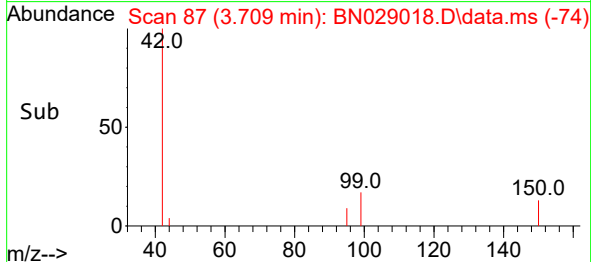
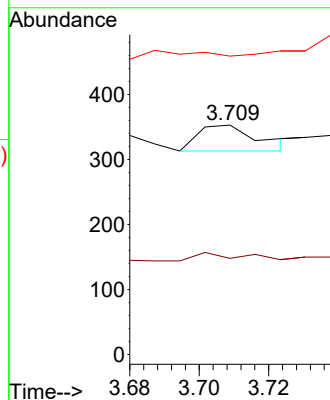
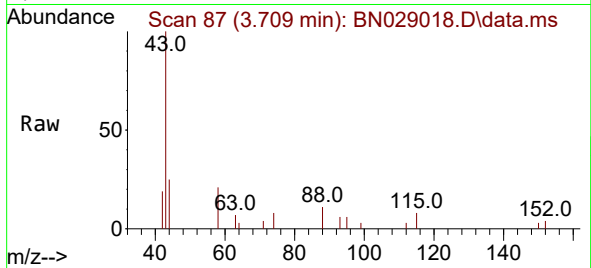




#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.709 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

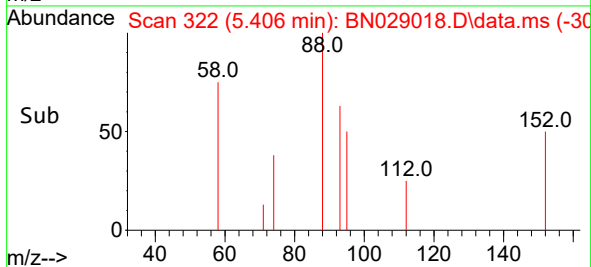
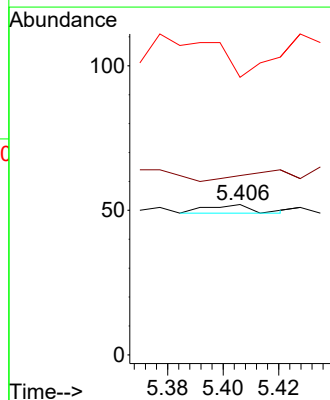
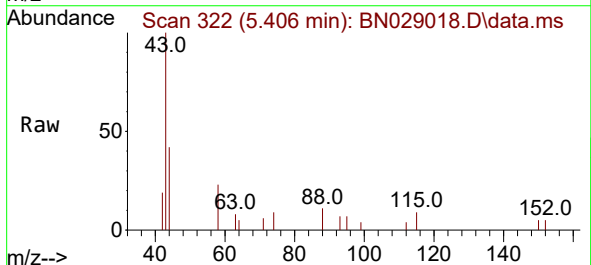
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

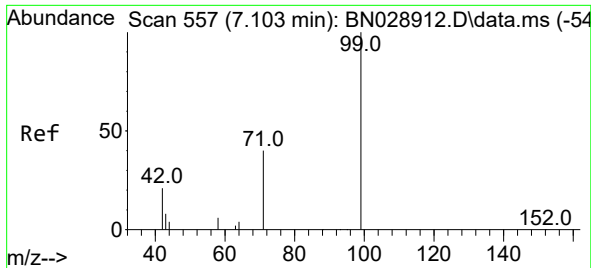
Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 26.5 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.007 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion: 112 Resp: 3
Ion Ratio Lower Upper
112 100
64 0.0 51.5 77.3#
63 0.0 30.4 45.6#

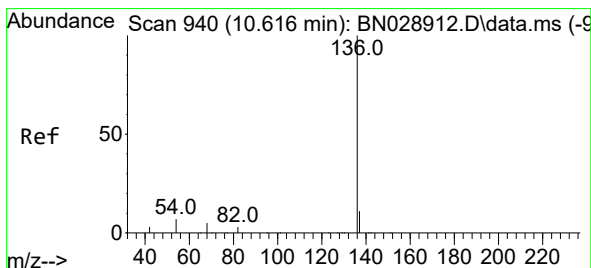
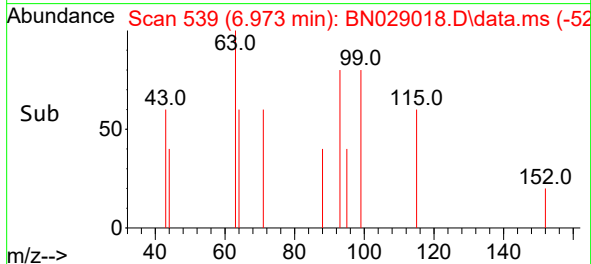
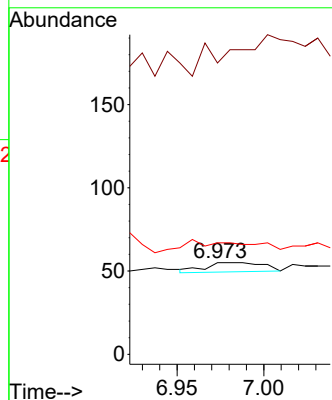
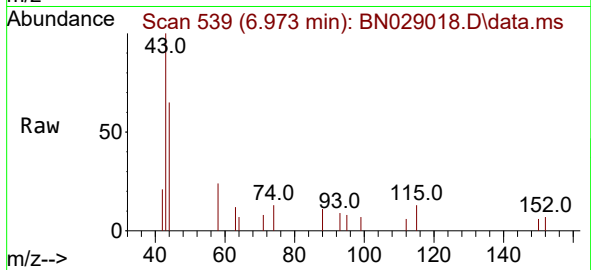




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

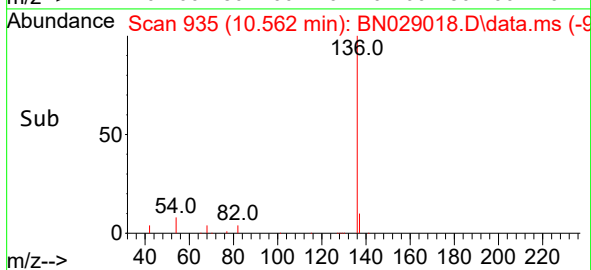
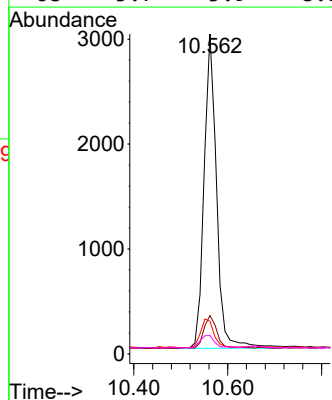
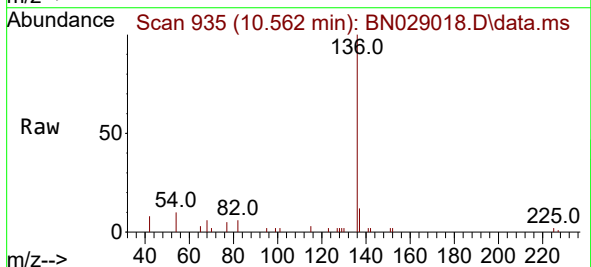
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

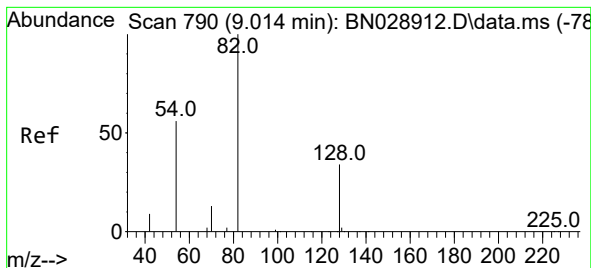
Tgt Ion: 99 Resp: 13
Ion Ratio Lower Upper
99 100
42 0.0 21.2 31.8#
71 53.8 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion: 136 Resp: 5515
Ion Ratio Lower Upper
136 100
137 12.0 10.6 16.0
54 10.2 7.5 11.3
68 5.7 5.9 8.9#





#8

Nitrobenzene-d5

Concen: 0.283 ng

RT: 8.950 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN029018.D

Acq: 03 Dec 2023 13:21

Instrument :

BNA_N

ClientSampleId :

RW4-20231109

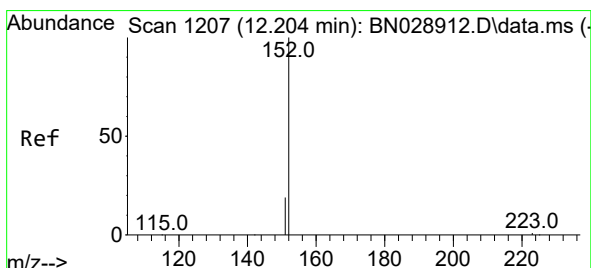
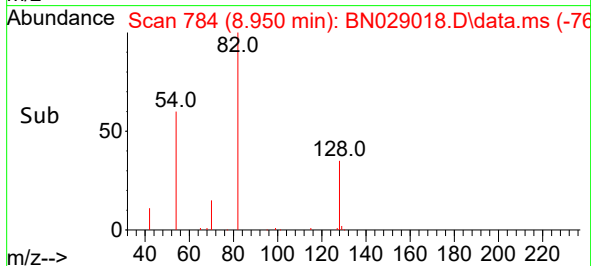
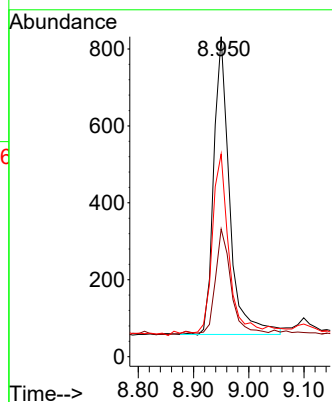
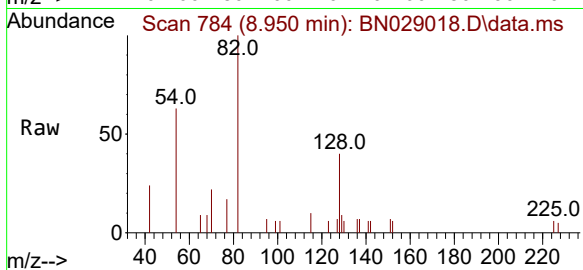
Tgt Ion: 82 Resp: 1550

Ion Ratio Lower Upper

82 100

128 39.9 29.2 43.8

54 63.3 47.0 70.6



#11

2-Methylnaphthalene-d10

Concen: 0.268 ng

RT: 12.151 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BN029018.D

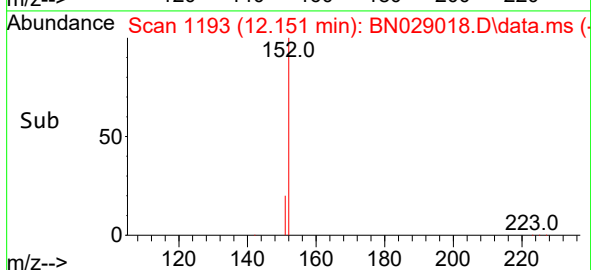
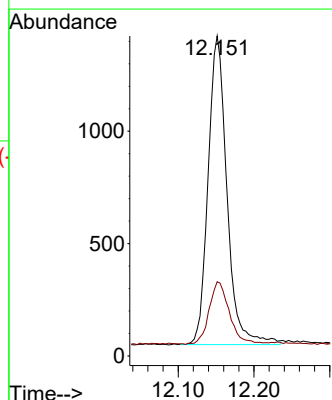
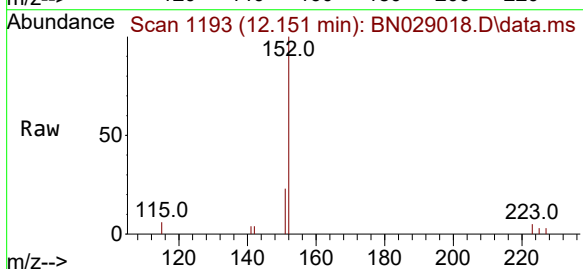
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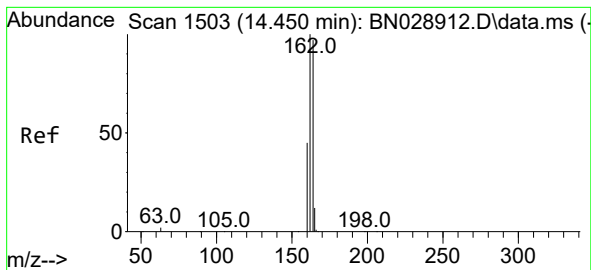
Tgt Ion: 152 Resp: 2375

Ion Ratio Lower Upper

152 100

151 22.0 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029018.D

Acq: 03 Dec 2023 13:21

Instrument :

BNA_N

ClientSampleId :

RW4-20231109

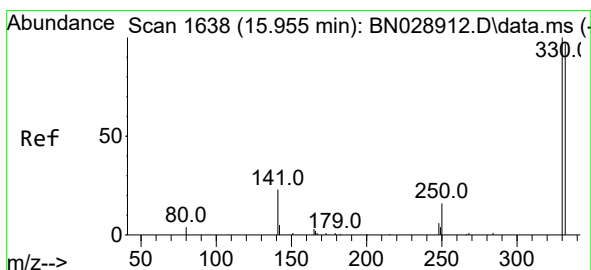
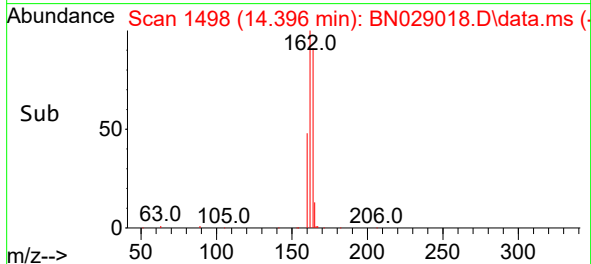
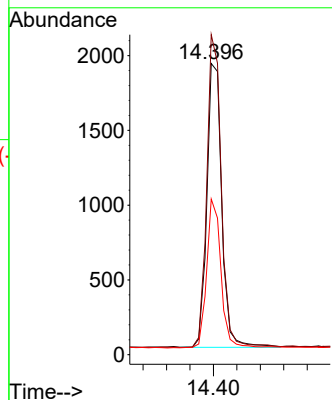
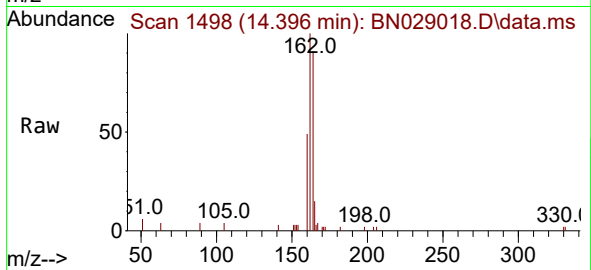
Tgt Ion:164 Resp: 3356

Ion Ratio Lower Upper

164 100

162 109.9 81.7 122.5

160 53.5 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.001 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029018.D

Acq: 03 Dec 2023 13:21

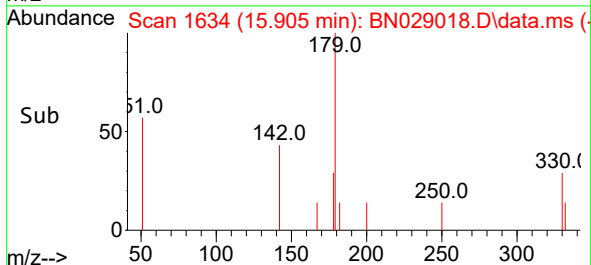
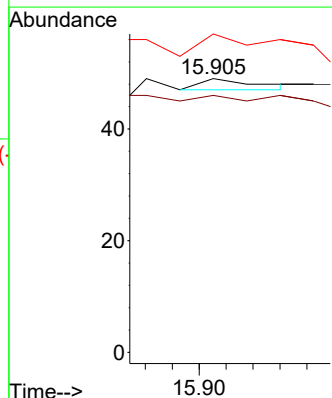
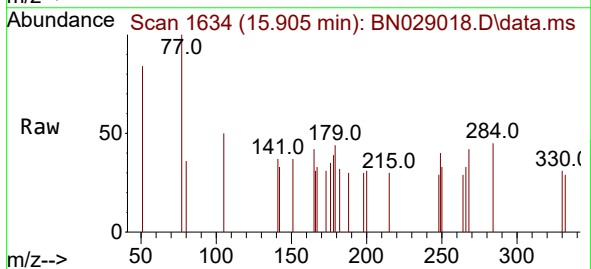
Tgt Ion:330 Resp: 3

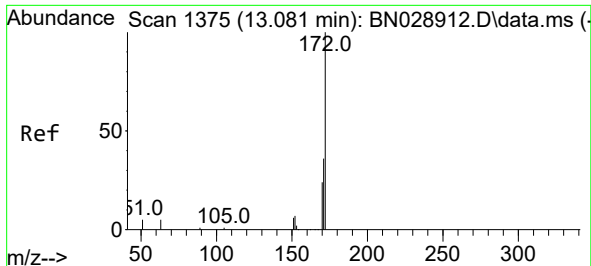
Ion Ratio Lower Upper

330 100

332 33.3 75.4 113.2#

141 266.7 35.7 53.5#

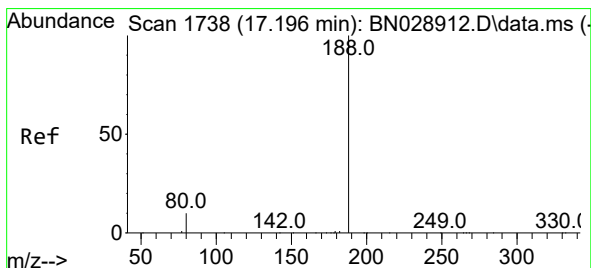
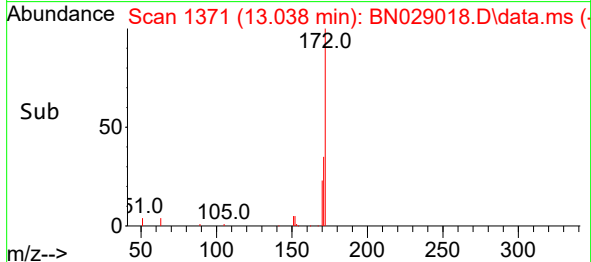
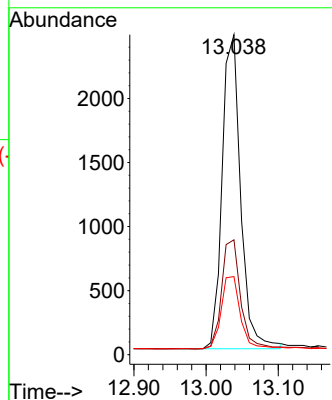
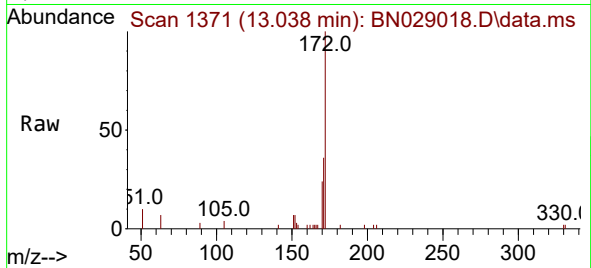




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

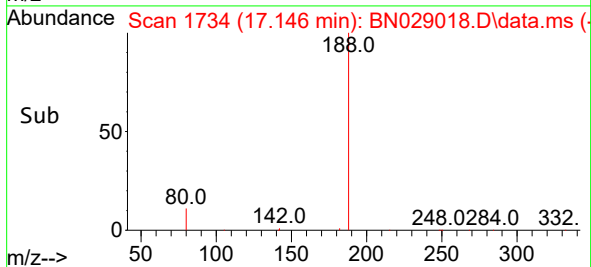
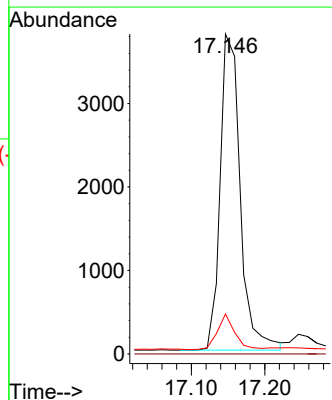
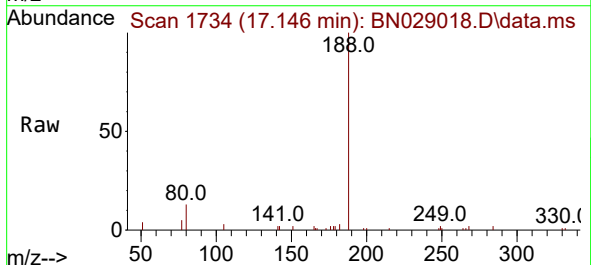
Instrument :
BNA_N
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RW4-20231109

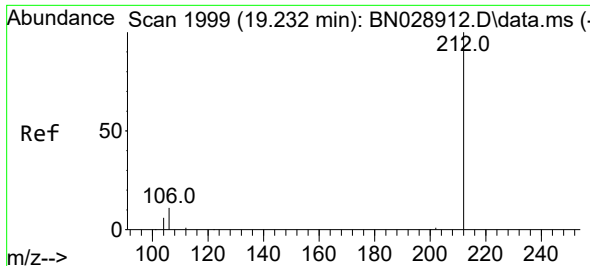
Tgt Ion:172 Resp: 4357
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:188 Resp: 7189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.0 13.6

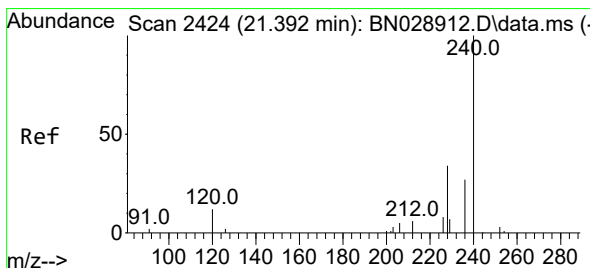
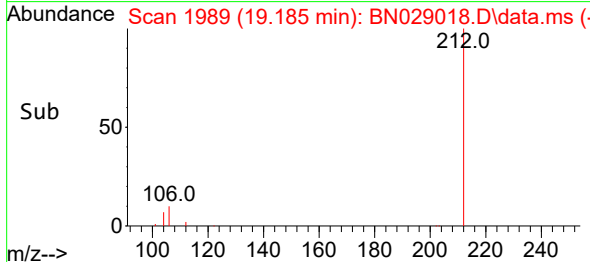
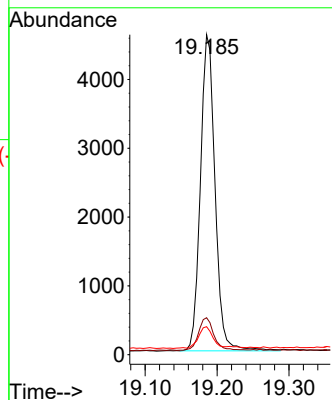
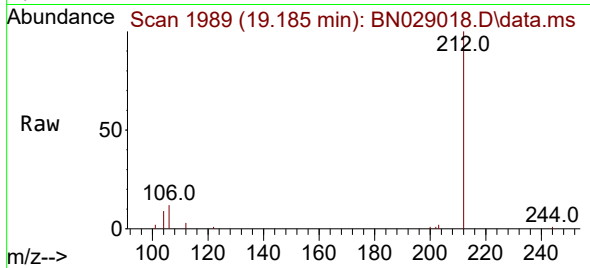




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.185 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

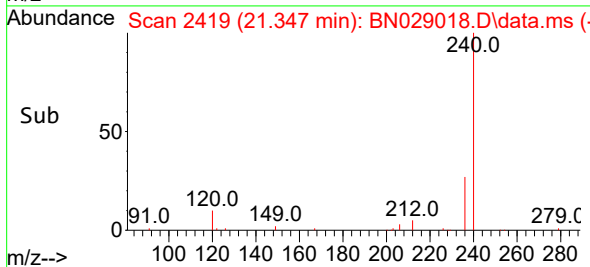
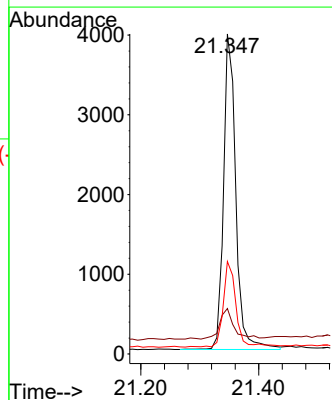
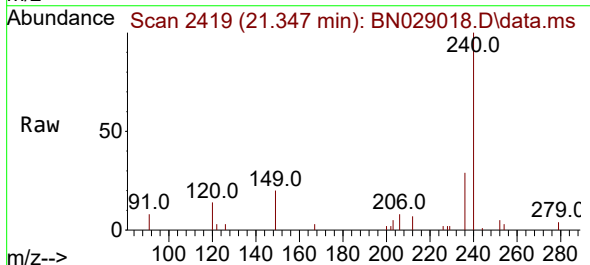
Instrument :
BNA_N
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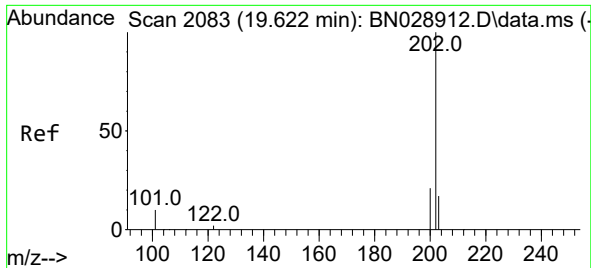
Tgt Ion:212 Resp: 6502
Ion Ratio Lower Upper
212 100
106 10.8 9.4 14.2
104 6.9 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:240 Resp: 5721
Ion Ratio Lower Upper
240 100
120 14.2 37.1 55.7#
236 28.9 32.4 48.6#

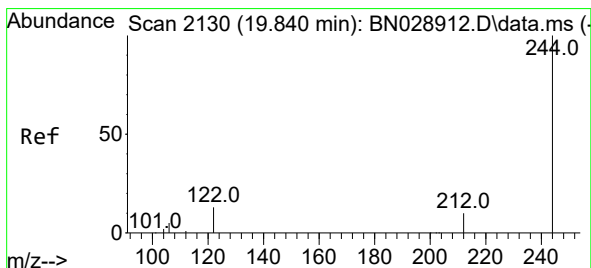
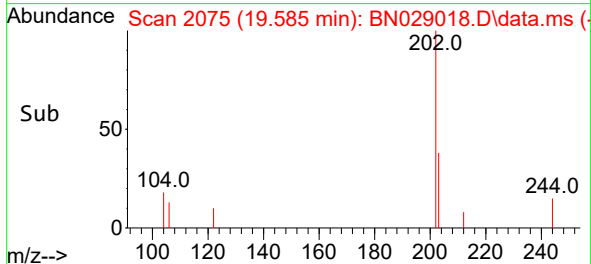
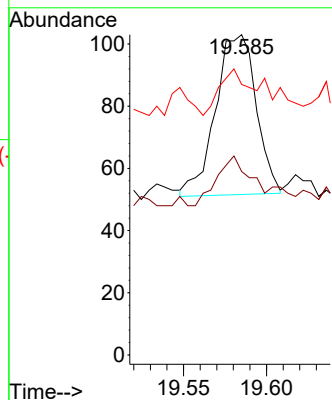
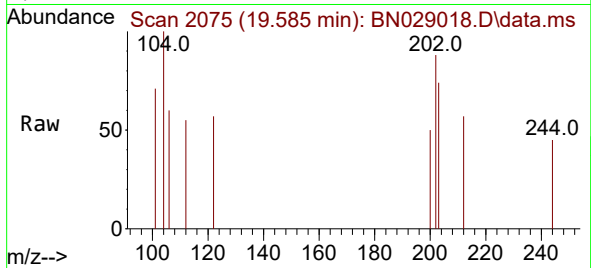




#30
Pyrene
Concen: 0.096 ng
RT: 19.585 min Scan# 2083
Delta R.T. 0.005 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

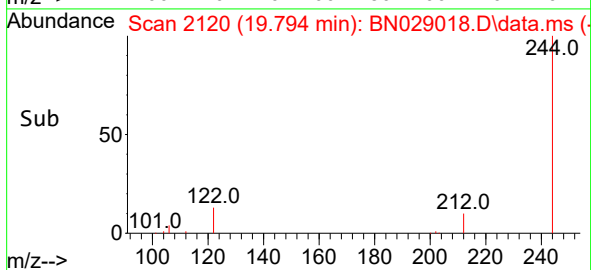
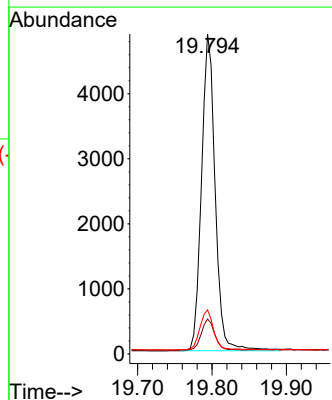
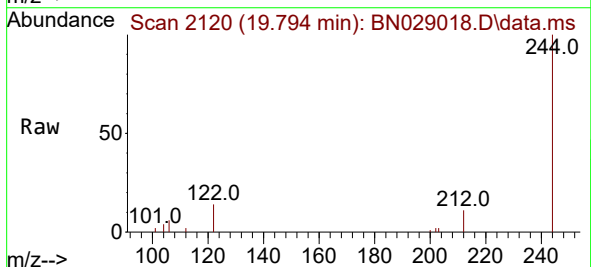
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

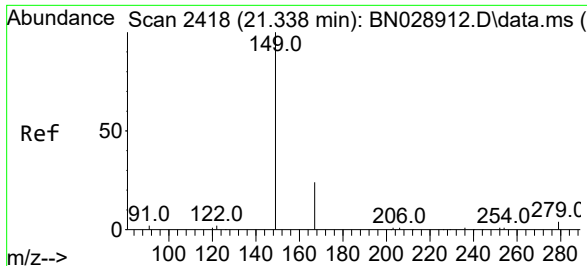
Tgt Ion:202 Resp: 88
Ion Ratio Lower Upper
202 100
200 31.8 16.9 25.3#
203 20.5 14.8 22.2



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:244 Resp: 6217
Ion Ratio Lower Upper
244 100
212 10.9 11.5 17.3#
122 13.8 13.2 19.8

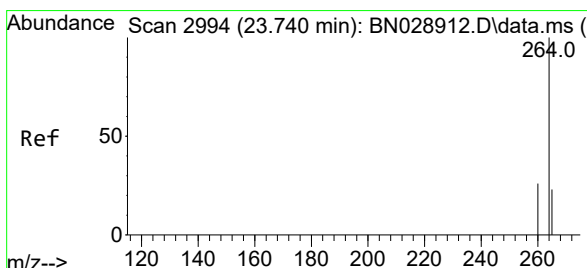
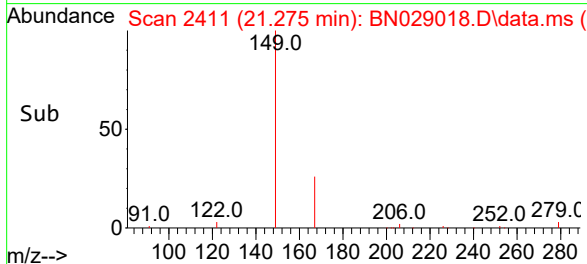
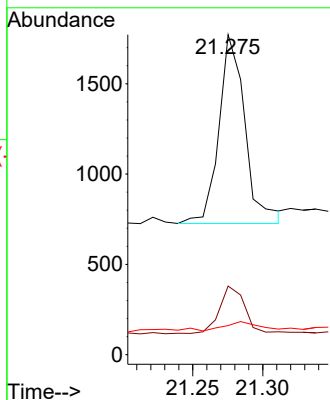
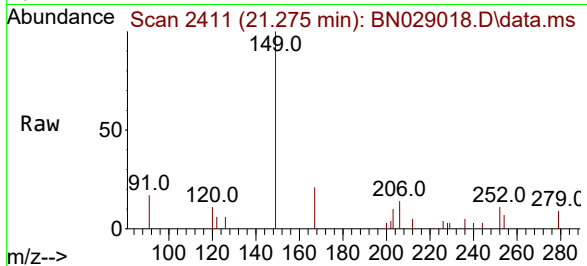




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.275 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Instrument :
BNA_N
ClientSampleId :
RW4-20231109

Tgt Ion:149 Resp: 1354
Ion Ratio Lower Upper
149 100
167 25.7 14.9 22.3#
279 7.6 6.3 9.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.670 min Scan# 2970
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:264 Resp: 5504
Ion Ratio Lower Upper
264 100
260 26.5 20.6 30.8
265 77.7 464.5 696.7#

