

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029021.D
 Acq On : 03 Dec 2023 15:08
 Operator : MA/JU
 Sample : 05404-29
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20231110

Quant Time: Dec 04 00:43:53 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)

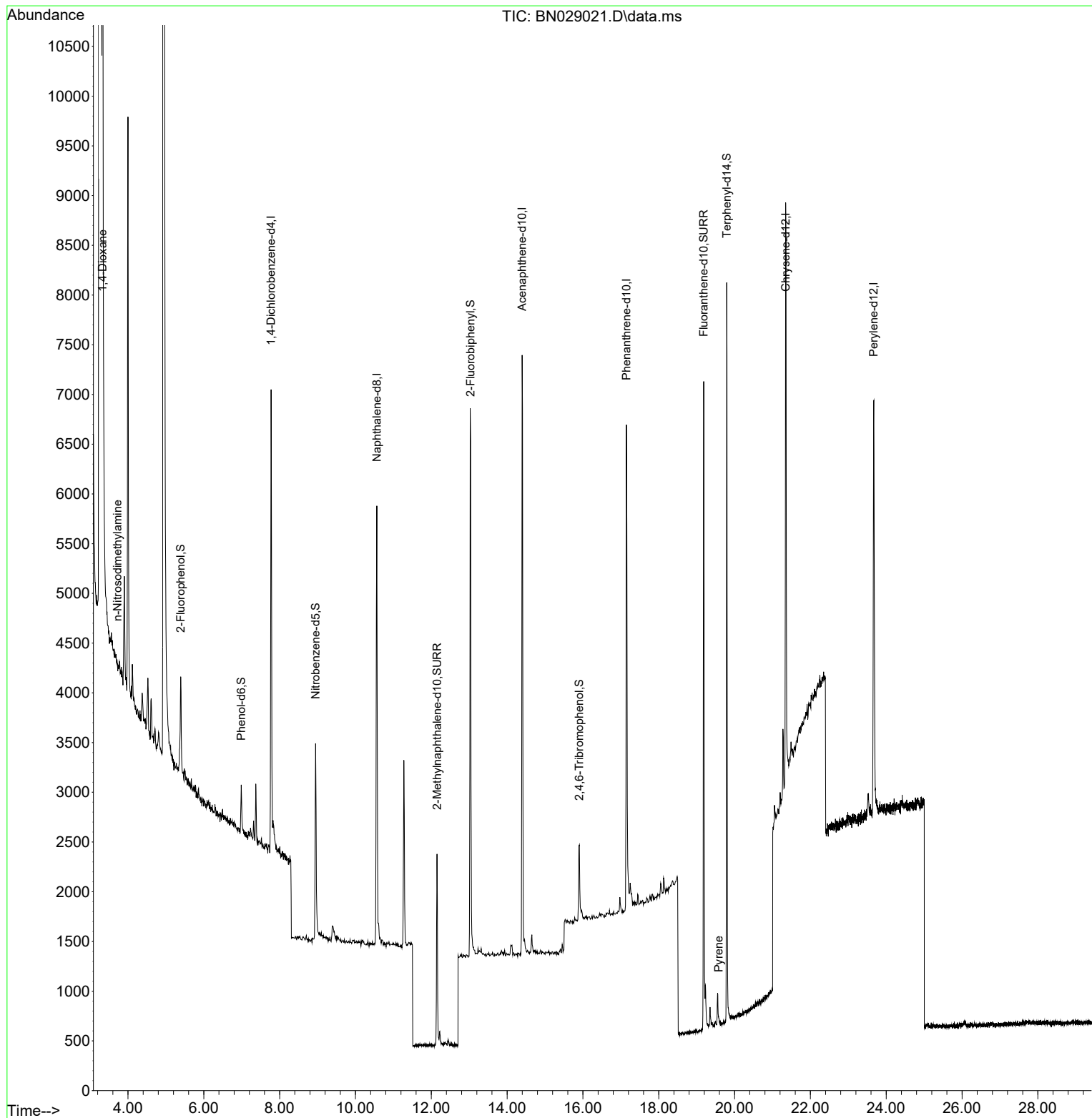
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2163	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6084	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3768	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7948	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	6255	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	6087	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	648	0.099	ng	0.00
5) Phenol-d6	6.988	99	411	0.057	ng	0.00
8) Nitrobenzene-d5	8.950	82	1831	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2787	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	594	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	5255	0.323	ng	0.00
27) Fluoranthene-d10	19.185	212	7821	0.374	ng	0.00
31) Terphenyl-d14	19.794	244	7346	0.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	8399	3.965	ng	# 93
3) n-Nitrosodimethylamine	3.723	42	36	0.102	ng	# 89
30) Pyrene	19.580	202	78	0.096	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.275	149	771	Below Cal		# 90

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

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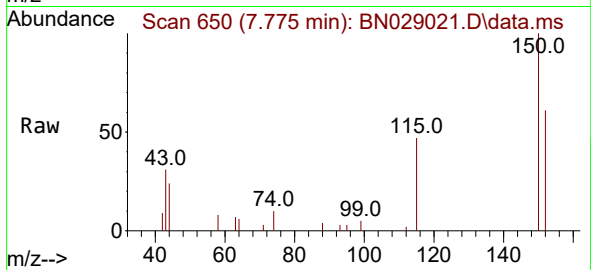
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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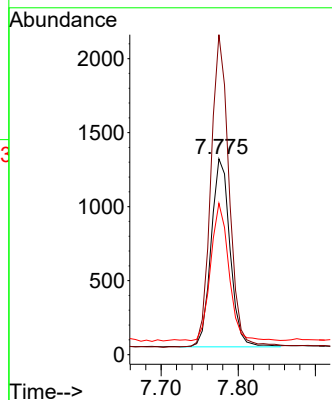
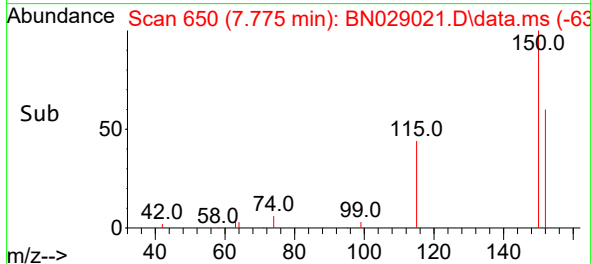


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

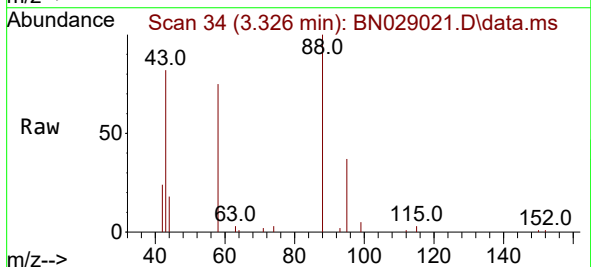
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110



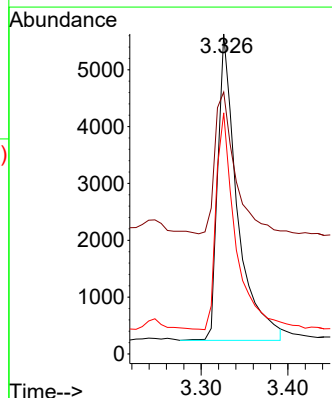
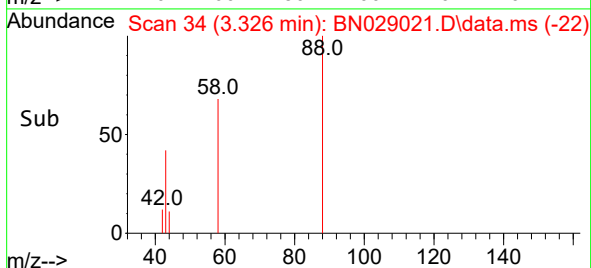
Tgt Ion:152 Resp: 2163
Ion Ratio Lower Upper
152 100
150 163.4 123.4 185.2
115 77.3 59.1 88.7



#2
1,4-Dioxane
Concen: 3.965 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.015 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08



Tgt Ion: 88 Resp: 8399
Ion Ratio Lower Upper
88 100
43 48.0 29.9 44.9#
58 69.9 55.0 82.4

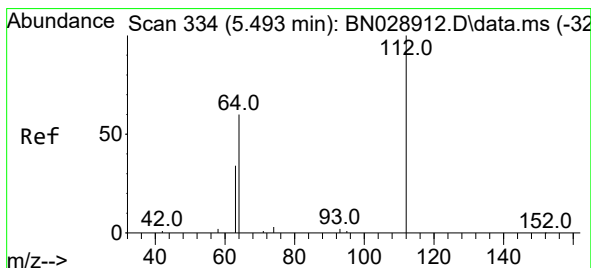
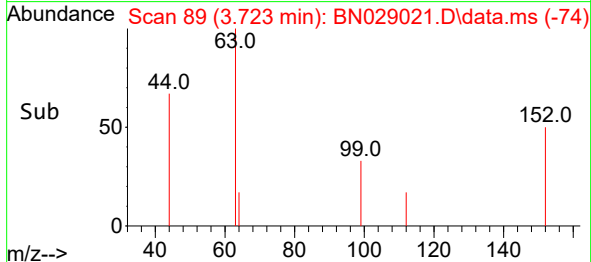
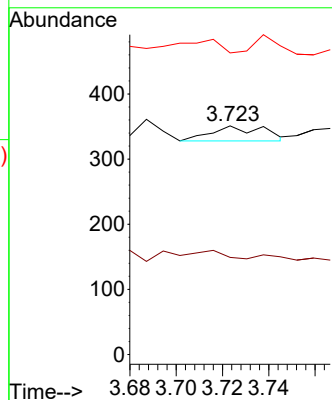
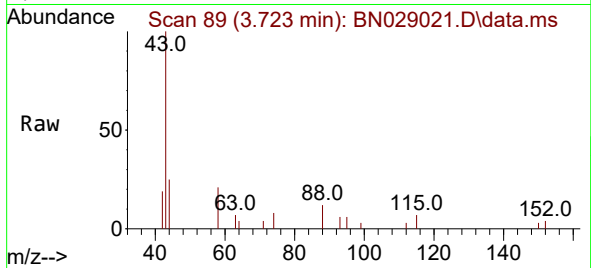




#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.007 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

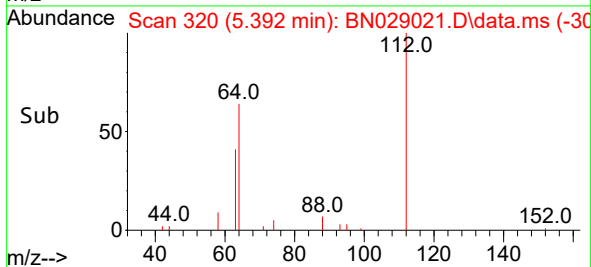
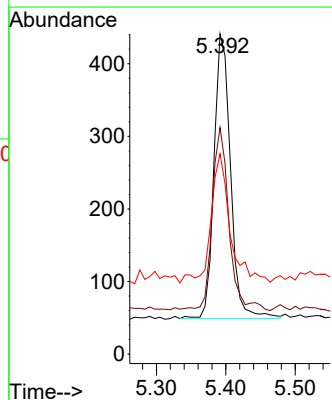
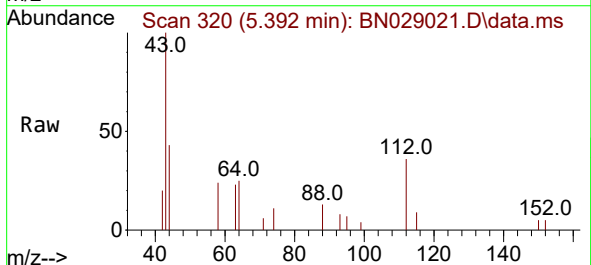
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

Tgt Ion: 42 Resp: 36
Ion Ratio Lower Upper
42 100
74 80.6 57.0 85.6
44 119.4 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion: 112 Resp: 648
Ion Ratio Lower Upper
112 100
64 65.7 51.5 77.3
63 49.7 30.4 45.6#

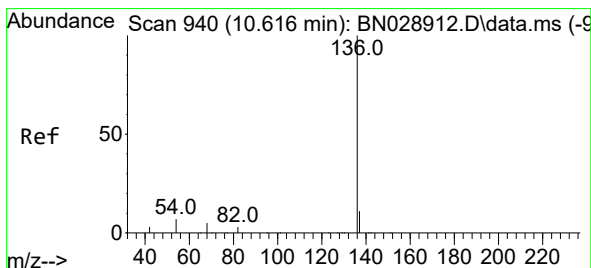
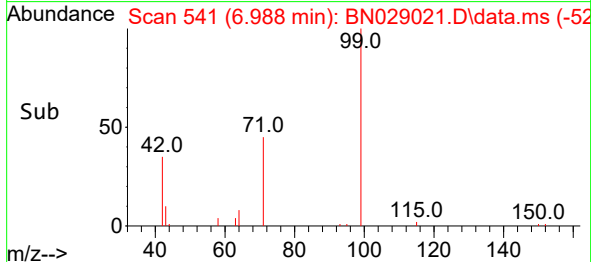
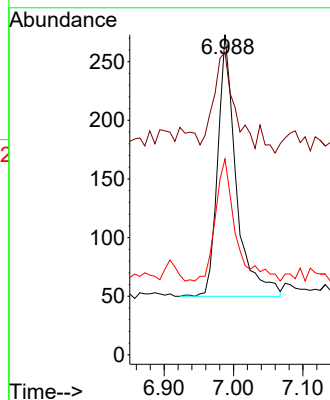
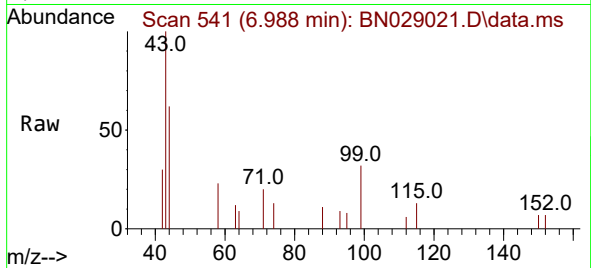




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

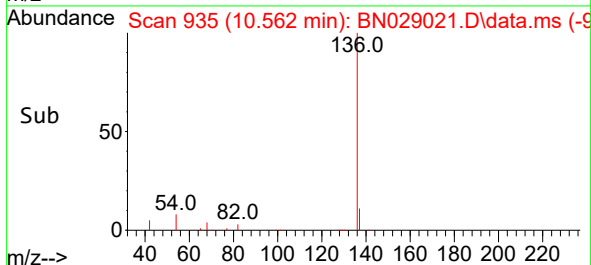
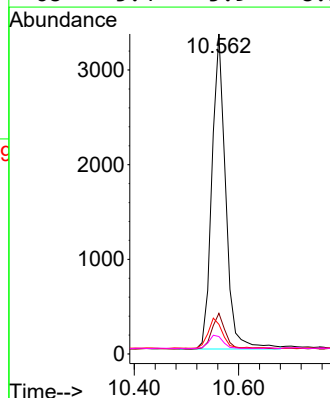
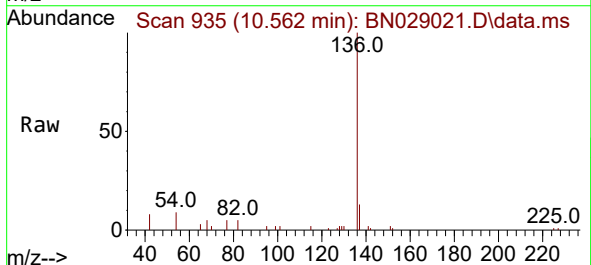
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 39.7 21.2 31.8#
71 50.6 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: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion: 136 Resp: 6084
Ion Ratio Lower Upper
136 100
137 12.7 10.6 16.0
54 9.3 7.5 11.3
68 5.4 5.9 8.9#

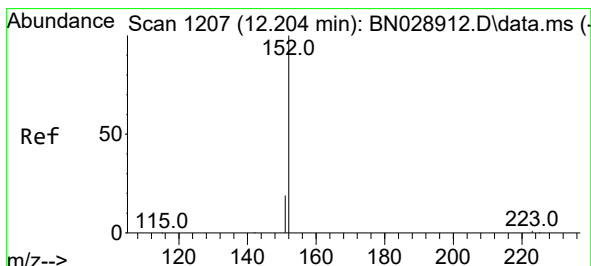
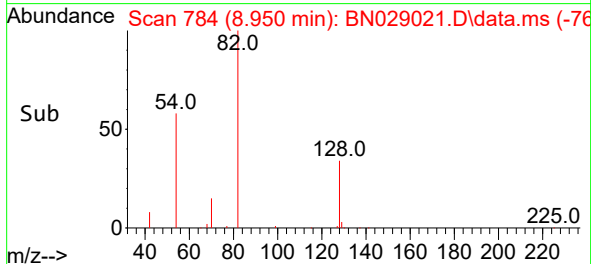
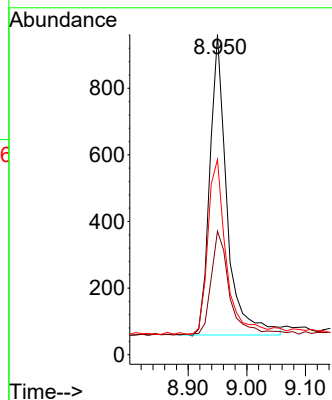
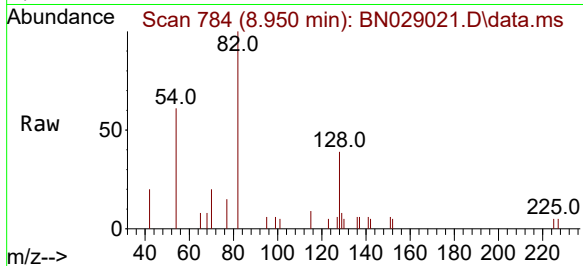




#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

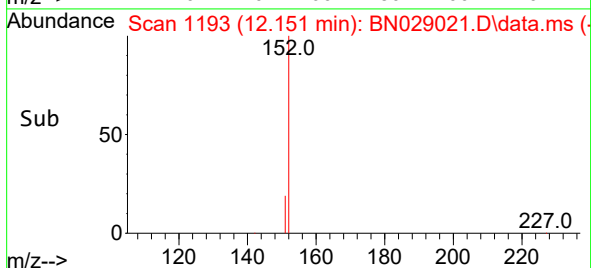
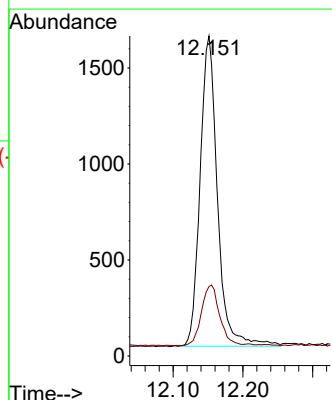
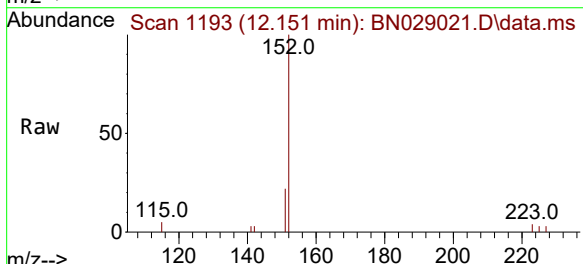
Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

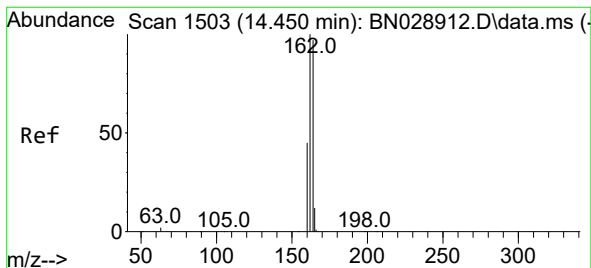
Tgt Ion: 82 Resp: 1831
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 61.0 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.151 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion: 152 Resp: 2787
Ion Ratio Lower Upper
152 100
151 20.6 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: BN029021.D

Acq: 03 Dec 2023 15:08

Instrument :

BNA_N

ClientSampleId :

RE103D1-20231110

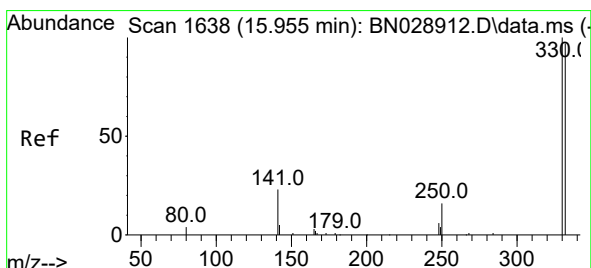
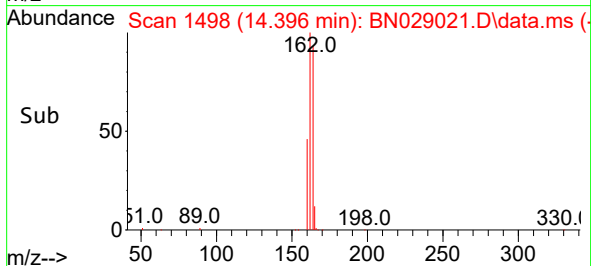
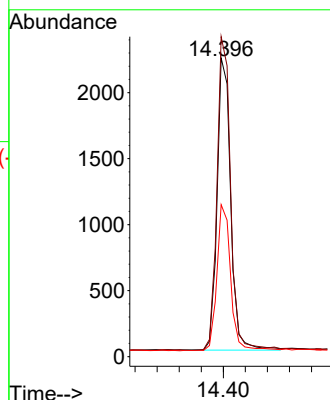
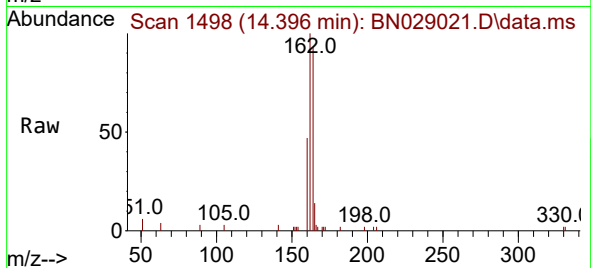
Tgt Ion:164 Resp: 3768

Ion Ratio Lower Upper

164 100

162 107.1 81.7 122.5

160 50.9 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.233 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

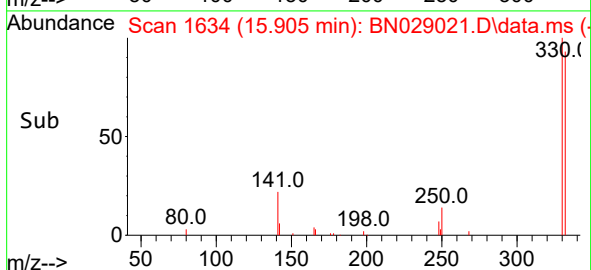
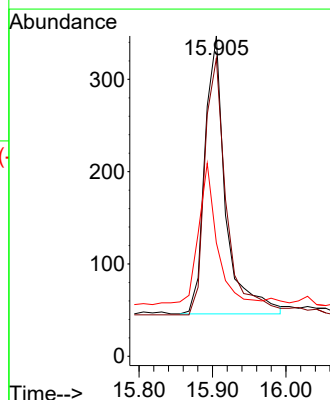
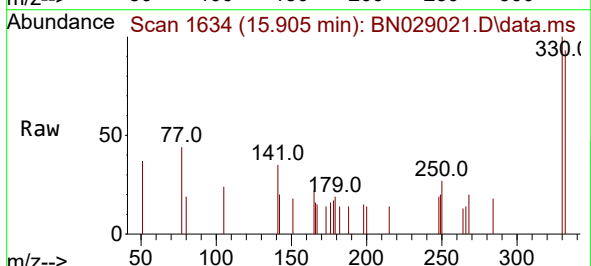
Tgt Ion:330 Resp: 594

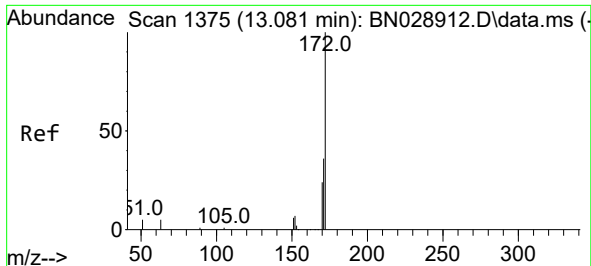
Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.2

141 46.1 35.7 53.5

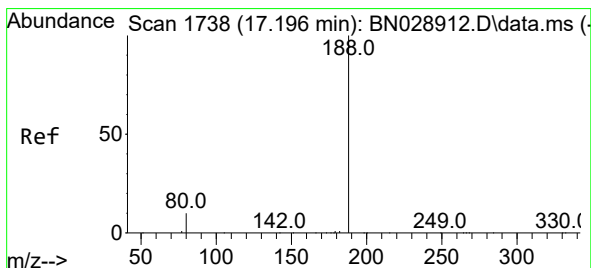
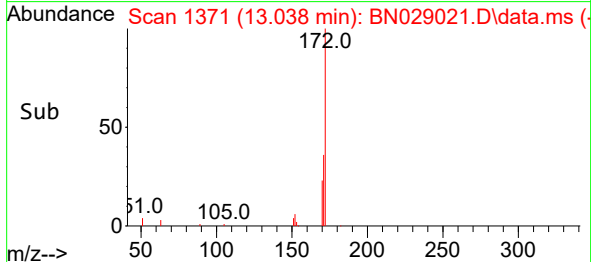
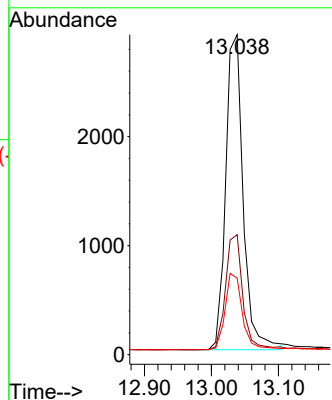
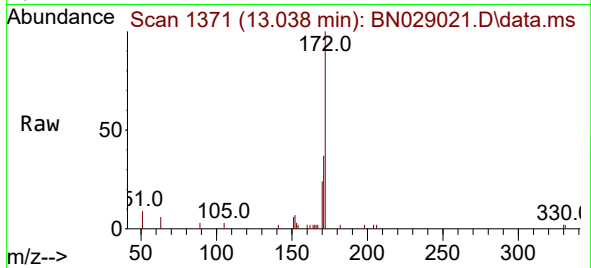




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

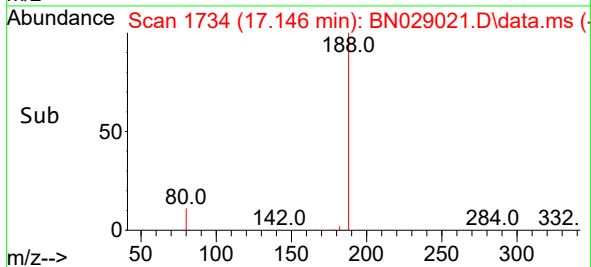
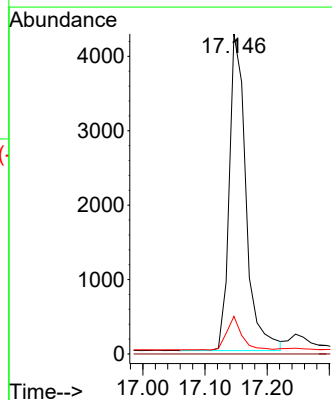
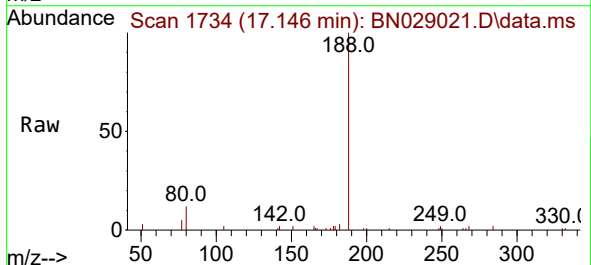
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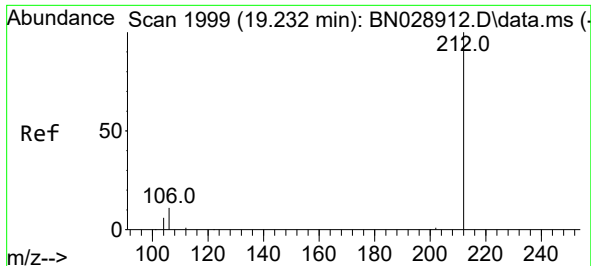
Tgt Ion:172 Resp: 5255
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.4
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.013 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:188 Resp: 7948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.0 13.6

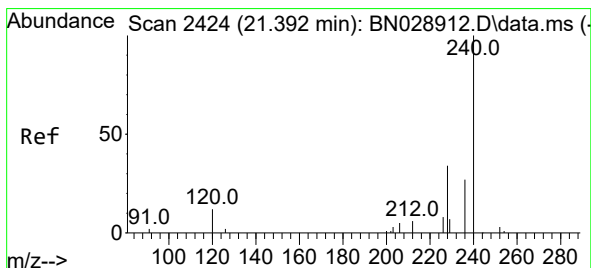
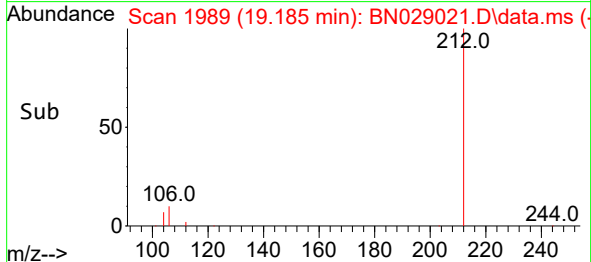
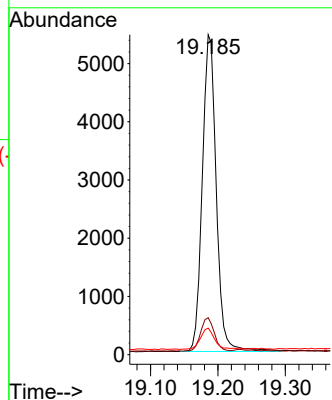
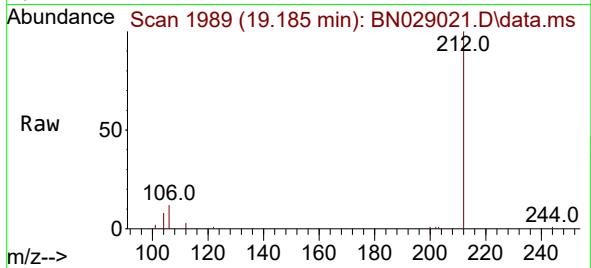




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.185 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

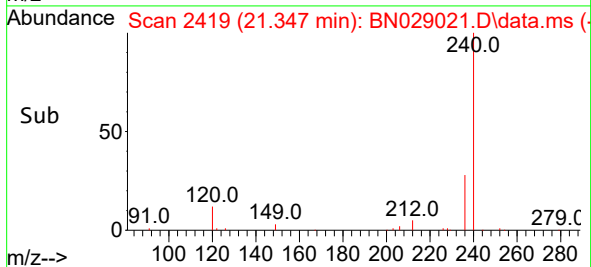
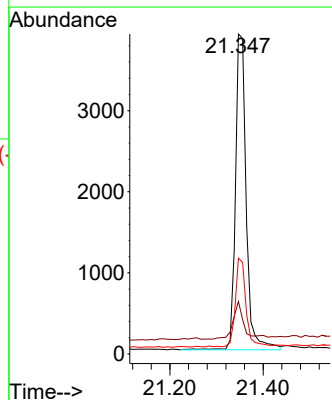
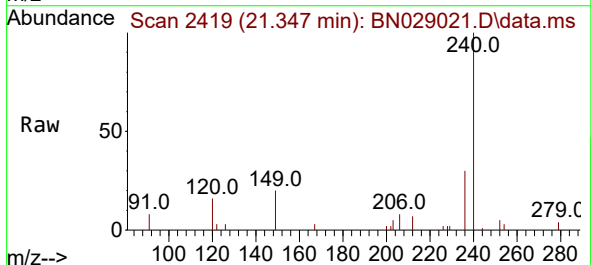
Instrument :
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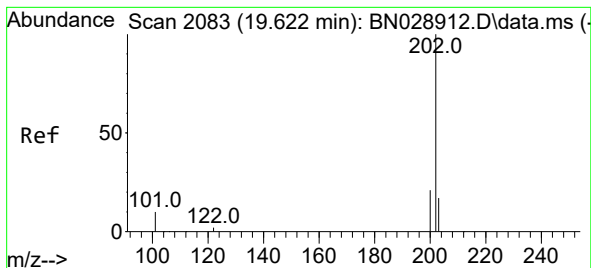
Tgt Ion:212 Resp: 7821
Ion Ratio Lower Upper
212 100
106 10.3 9.4 14.2
104 6.9 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:240 Resp: 6255
Ion Ratio Lower Upper
240 100
120 16.4 37.1 55.7#
236 30.0 32.4 48.6#





#30

Pyrene

Concen: 0.096 ng

RT: 19.580 min Scan# 20

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

Instrument :

BNA_N

ClientSampleId :

RE103D1-20231110

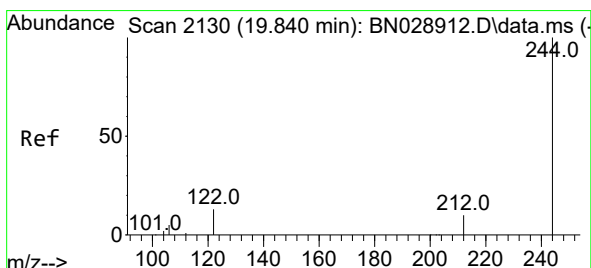
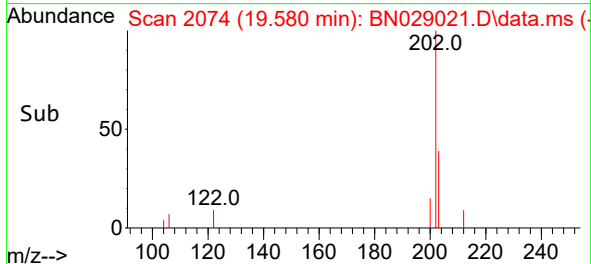
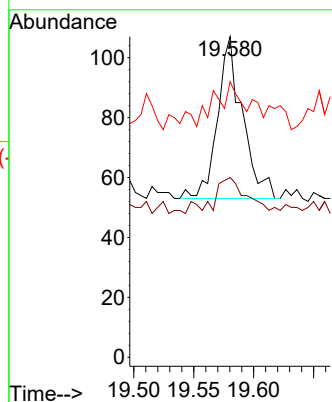
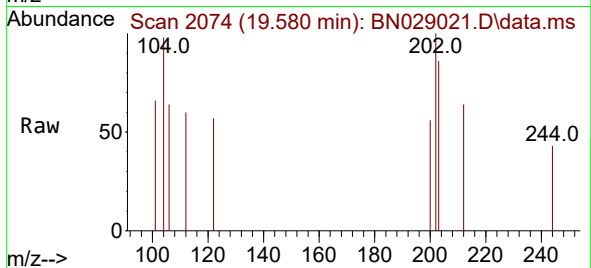
Tgt Ion:202 Resp: 78

Ion Ratio Lower Upper

202 100

200 24.4 16.9 25.3

203 26.9 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.408 ng

RT: 19.794 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN029021.D

Acq: 03 Dec 2023 15:08

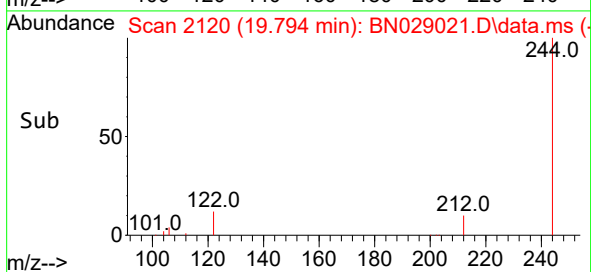
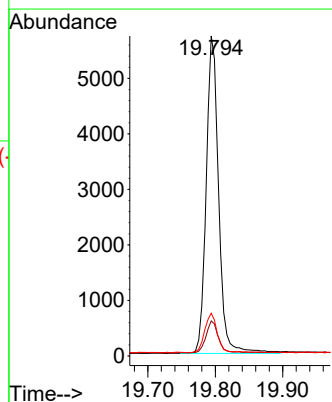
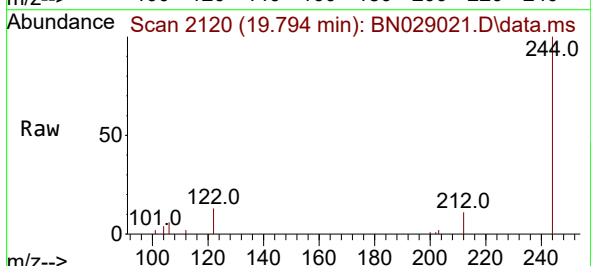
Tgt Ion:244 Resp: 7346

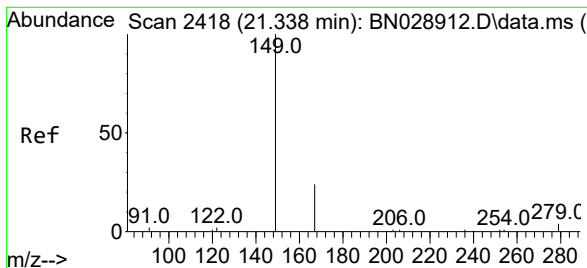
Ion Ratio Lower Upper

244 100

212 10.9 11.5 17.3#

122 13.3 13.2 19.8

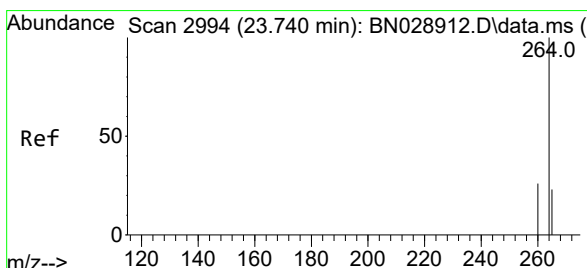
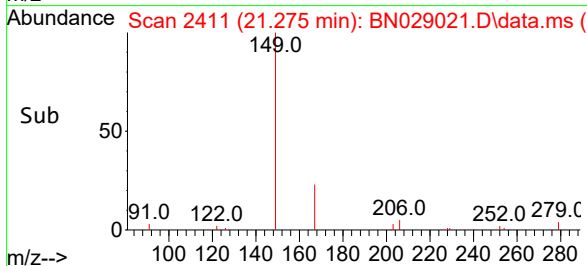
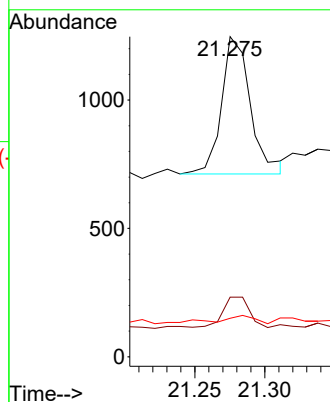
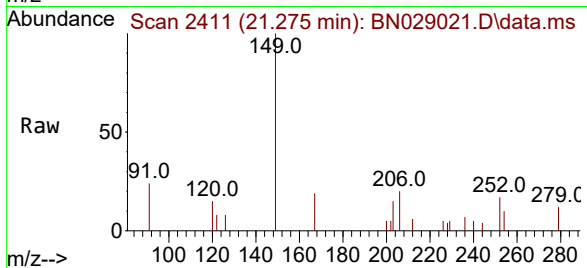




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.275 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN029021.D
Acq: 03 Dec 2023 15:08

Instrument :
BNA_N
ClientSampleId :
RE103D1-20231110

Tgt Ion:149 Resp: 771
Ion Ratio Lower Upper
149 100
167 24.8 14.9 22.3#
279 7.5 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: BN029021.D
Acq: 03 Dec 2023 15:08

Tgt Ion:264 Resp: 6087
Ion Ratio Lower Upper
264 100
260 26.9 20.6 30.8
265 70.4 464.5 696.7#

