

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN029001.D
 Acq On : 03 Dec 2023 01:59
 Operator : MA/JU
 Sample : 05404-21
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109

Quant Time: Dec 03 08:18:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

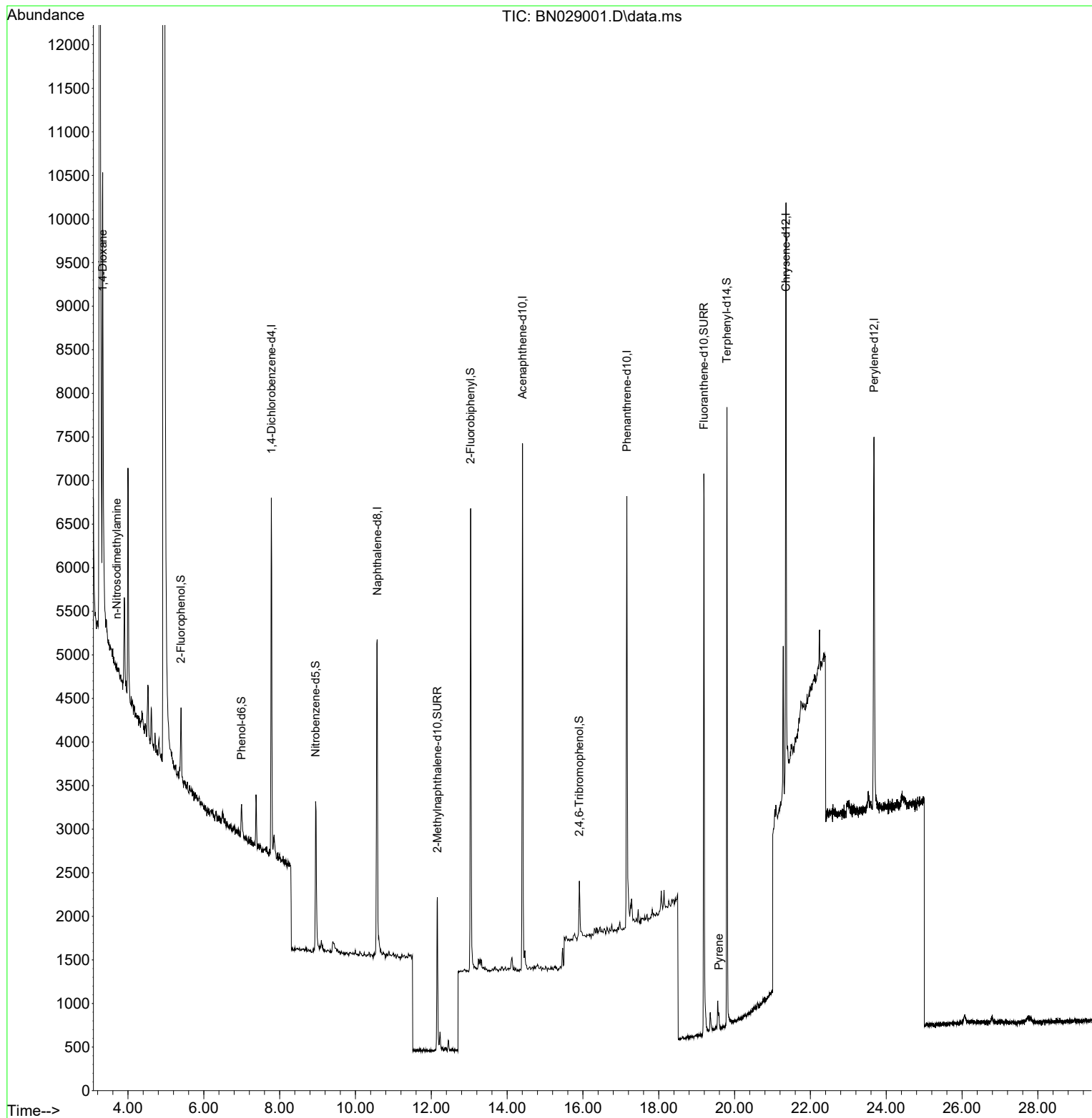
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1913	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5463	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3448	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7454	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	6381	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	6037	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	542	0.093	ng	-0.01
5) Phenol-d6	6.995	99	383	0.060	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1688	0.311	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	2572	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	454	0.195	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	4735	0.318	ng	-0.01
27) Fluoranthene-d10	19.190	212	7465	0.381	ng	-0.02
31) Terphenyl-d14	19.799	244	7064	0.393	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	3637	1.941	ng	# 88
3) n-Nitrosodimethylamine	3.702	42	31	0.102	ng	# 100
30) Pyrene	19.585	202	176	0.098	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.284	149	1774	Below Cal		# 89

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

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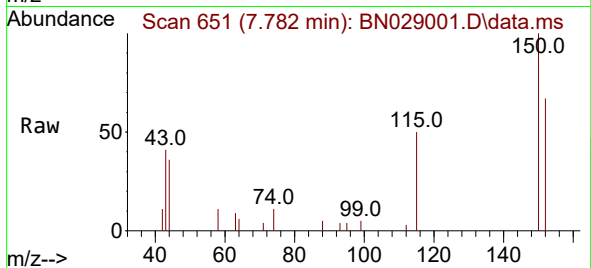
Quant Time: Dec 03 08:18:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



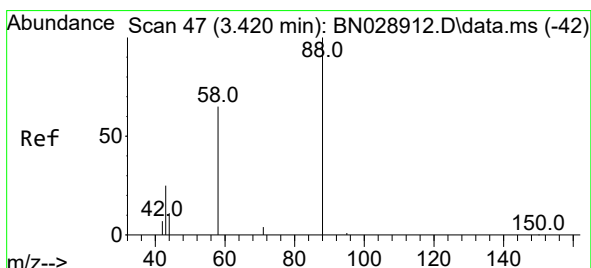
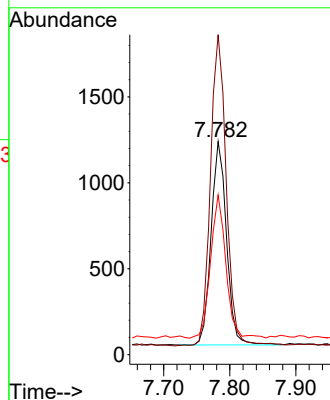
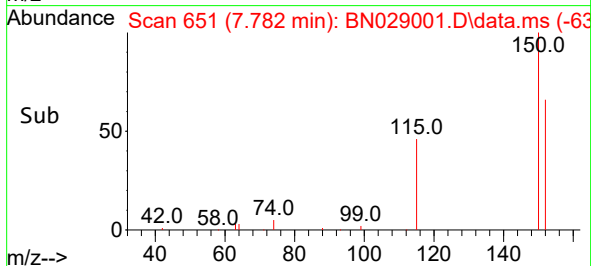


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109

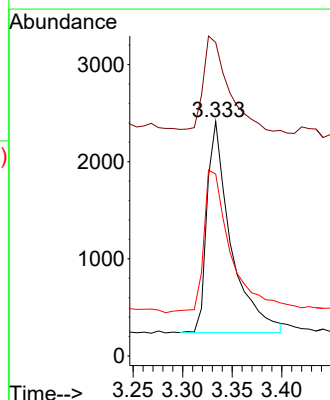
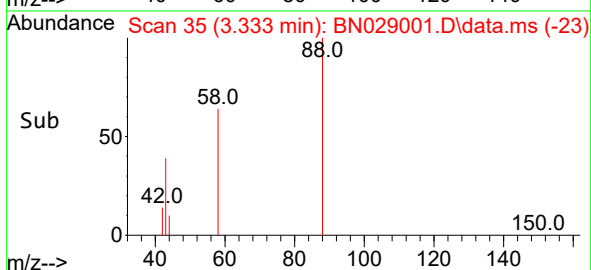
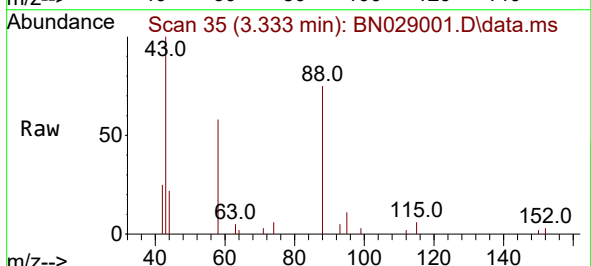


Tgt Ion:152 Resp: 1913
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.4 185.2
 115 74.9 59.1 88.7



#2
 1,4-Dioxane
 Concen: 1.941 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Tgt Ion: 88 Resp: 3637
 Ion Ratio Lower Upper
 88 100
 43 47.2 29.9 44.9#
 58 76.8 55.0 82.4

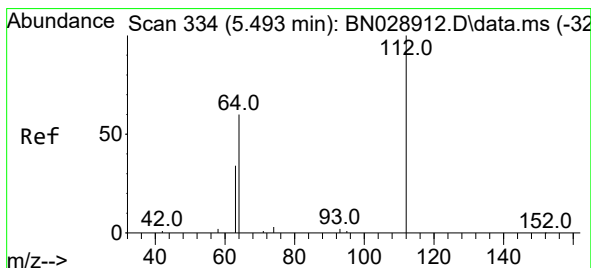
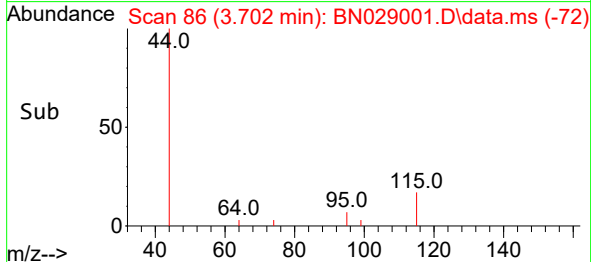
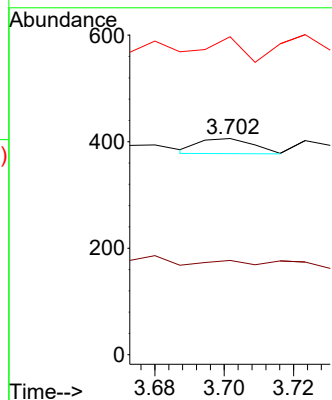
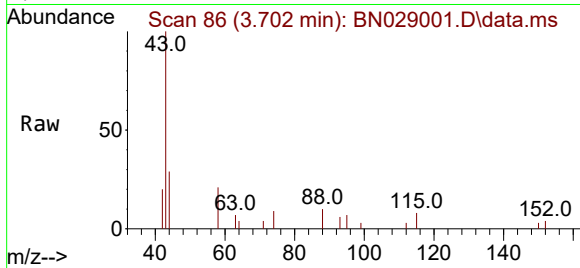




#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.702 min Scan# 80
Delta R.T. -0.000 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

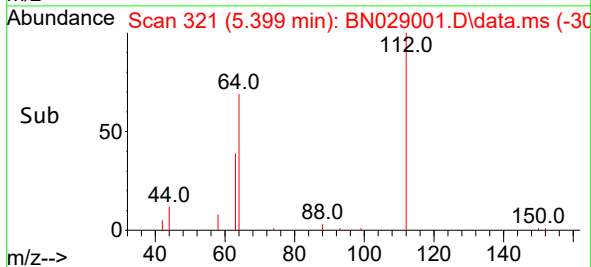
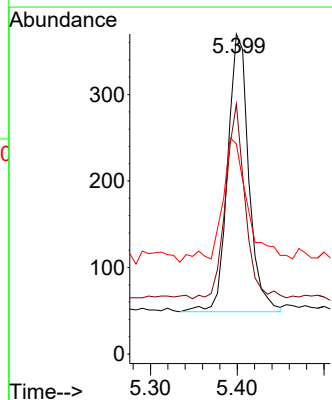
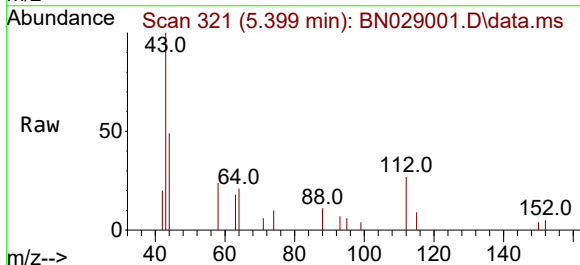
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
74 71.0 57.0 85.6
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion: 112 Resp: 542
Ion Ratio Lower Upper
112 100
64 64.6 51.5 77.3
63 55.2 30.4 45.6#

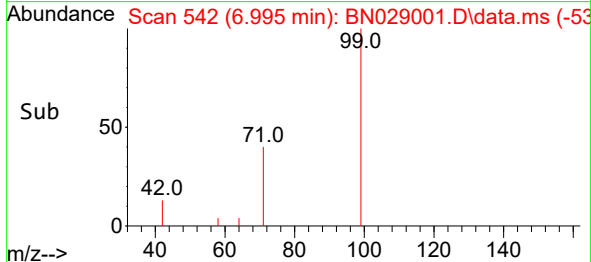
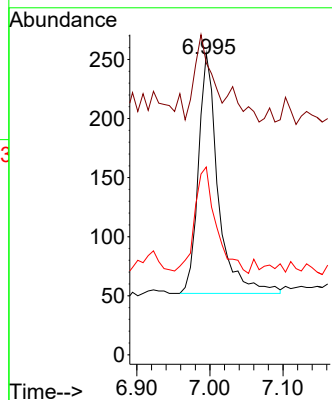
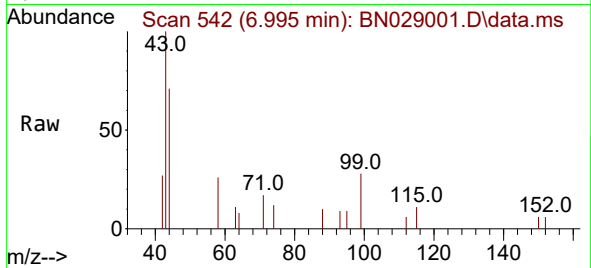




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

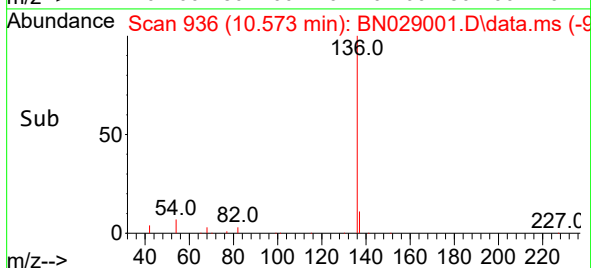
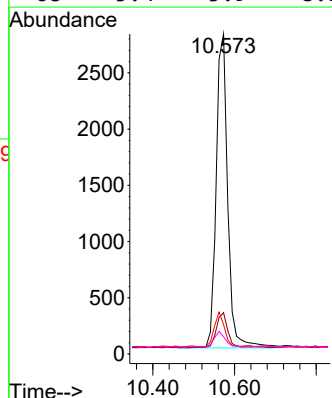
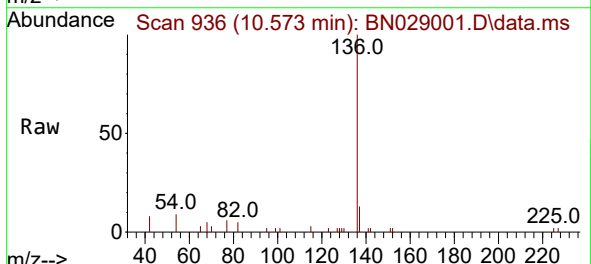
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

Tgt Ion: 99 Resp: 383
Ion Ratio Lower Upper
99 100
42 29.8 21.2 31.8
71 47.8 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion: 136 Resp: 5463
Ion Ratio Lower Upper
136 100
137 12.9 10.6 16.0
54 9.2 7.5 11.3
68 5.4 5.9 8.9#

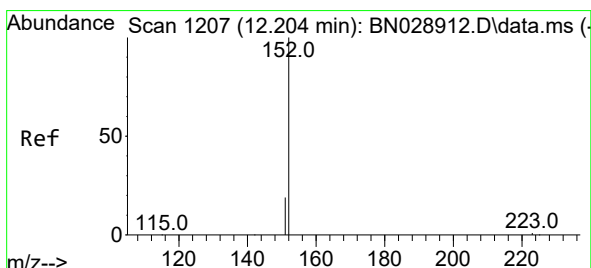
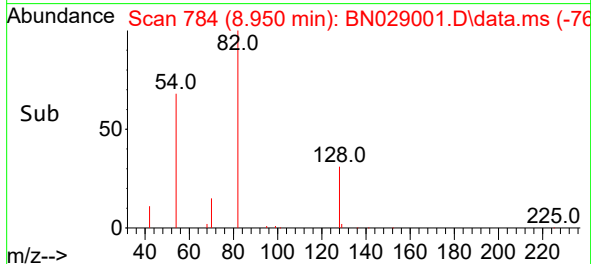
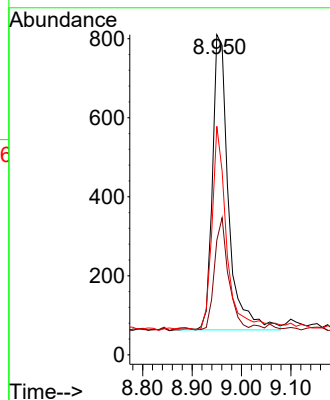
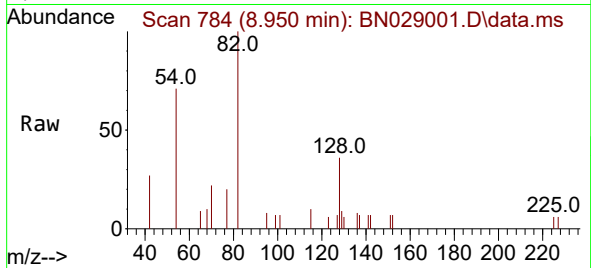




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

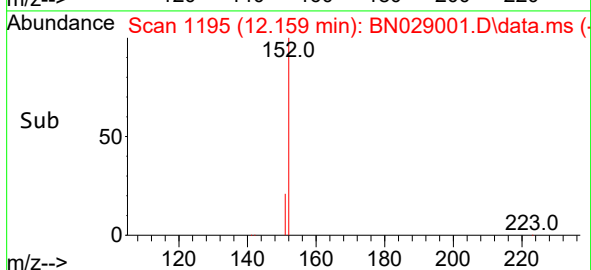
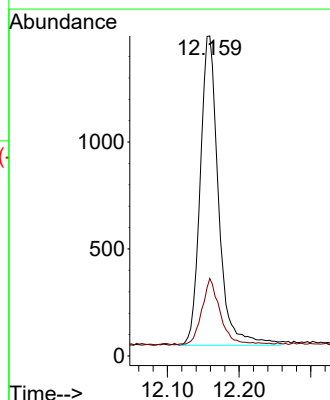
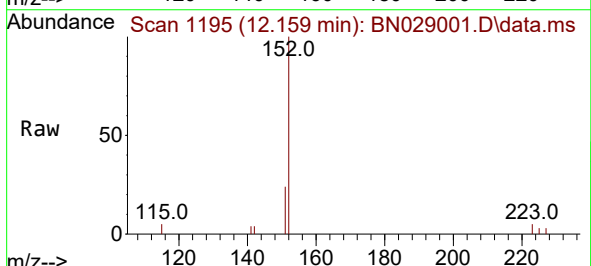
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

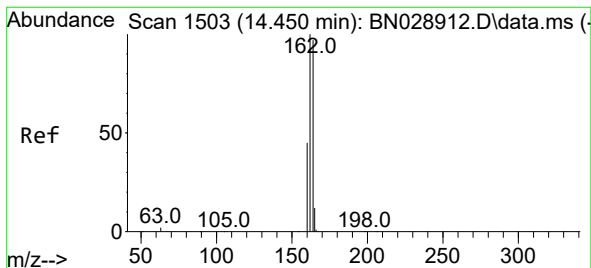
Tgt Ion: 82 Resp: 1688
Ion Ratio Lower Upper
82 100
128 35.8 29.2 43.8
54 71.4 47.0 70.6#



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion:152 Resp: 2572
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029001.D

Acq: 03 Dec 2023 01:59

Instrument :

BNA_N

ClientSampleId :

RE125D3-20231109

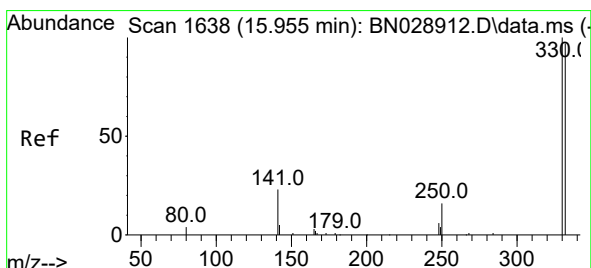
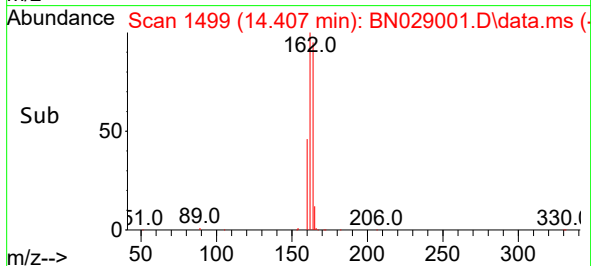
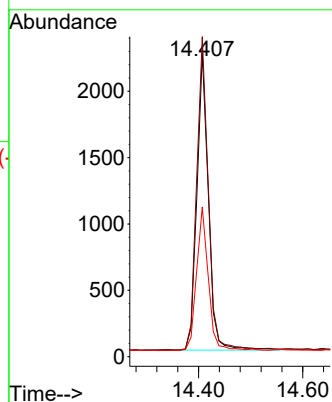
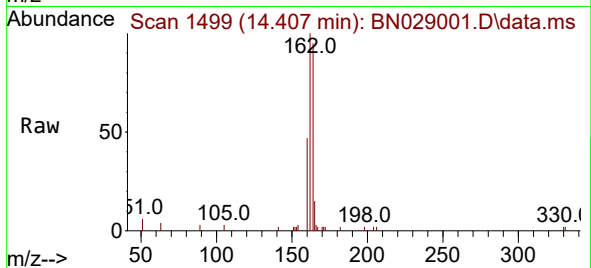
Tgt Ion:164 Resp: 3448

Ion Ratio Lower Upper

164 100

162 105.3 81.7 122.5

160 49.3 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.195 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BN029001.D

Acq: 03 Dec 2023 01:59

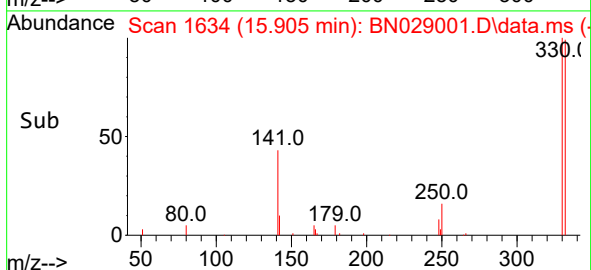
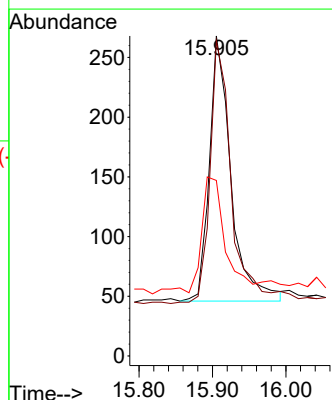
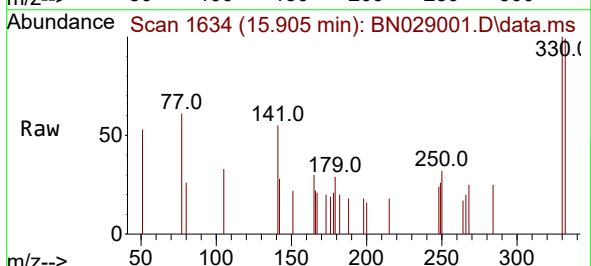
Tgt Ion:330 Resp: 454

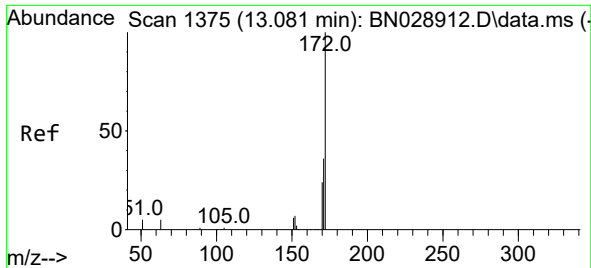
Ion Ratio Lower Upper

330 100

332 99.8 75.4 113.2

141 46.3 35.7 53.5

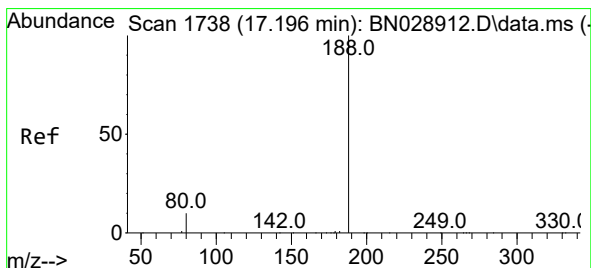
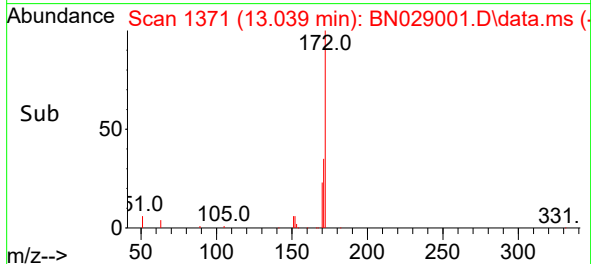
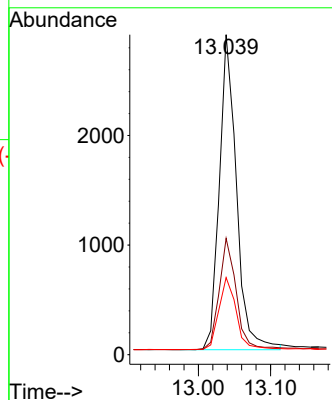
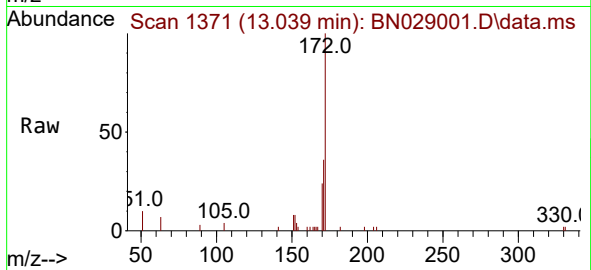




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

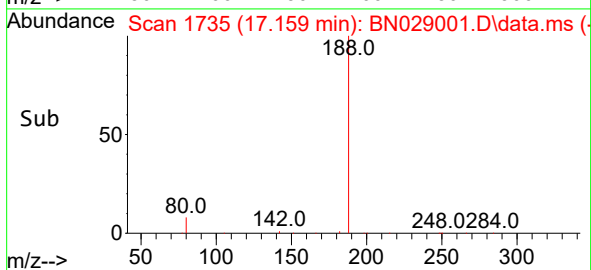
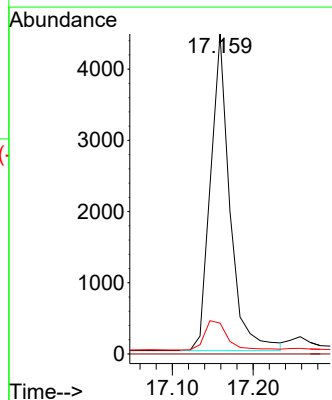
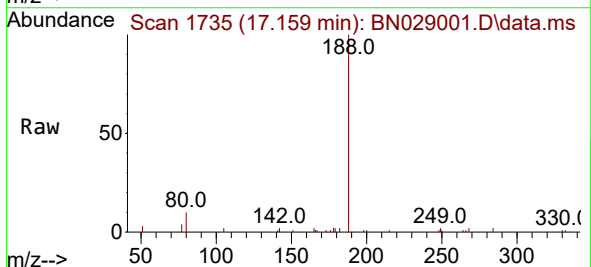
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BNA_N
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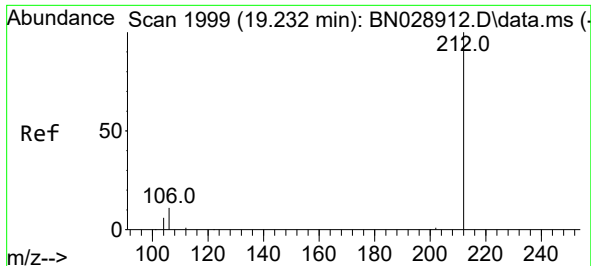
Tgt Ion:172 Resp: 4735
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion:188 Resp: 7454
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6

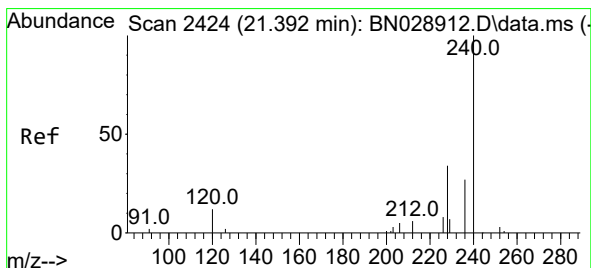
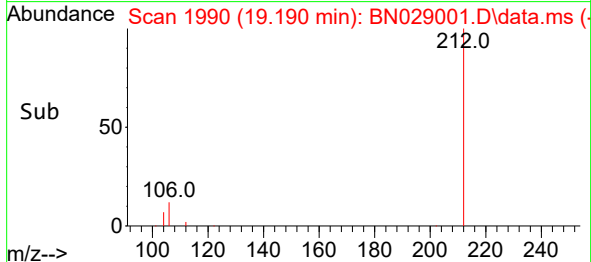
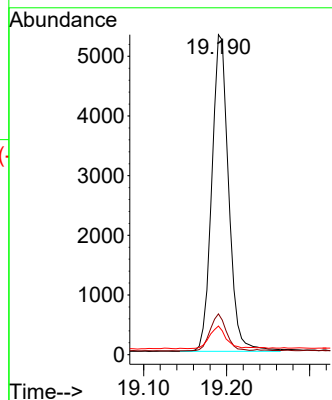
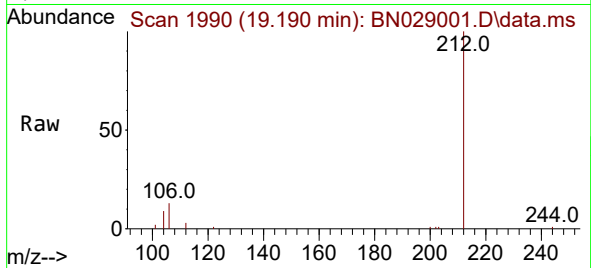




#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.190 min Scan# 1999
Delta R.T. -0.019 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

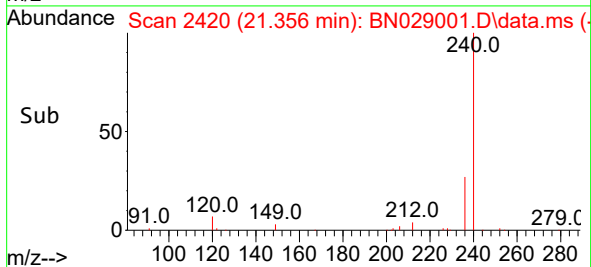
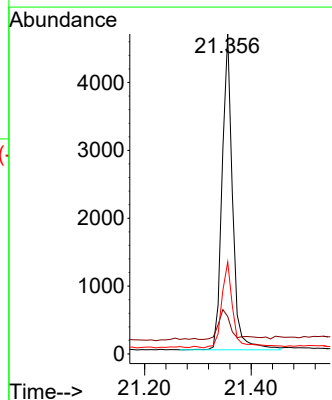
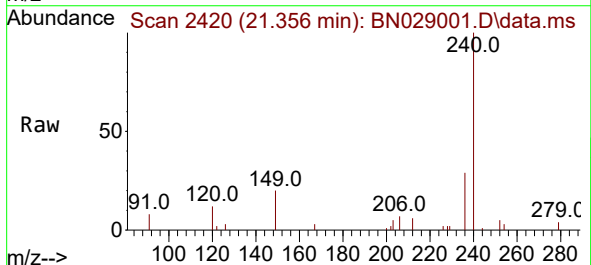
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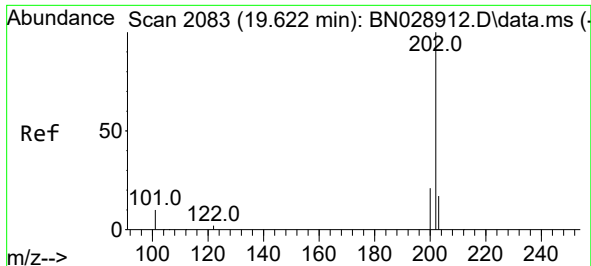
Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.4	14.2
104	7.3	6.2	9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	37.1	55.7#
236	28.8	32.4	48.6#

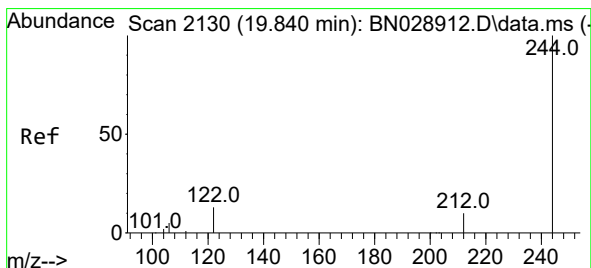
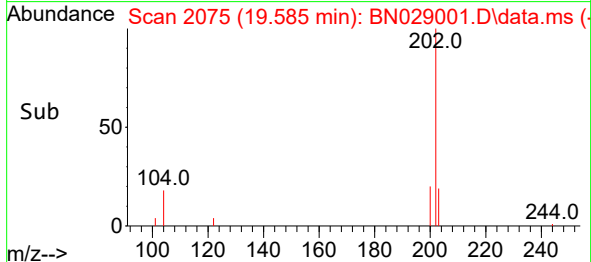
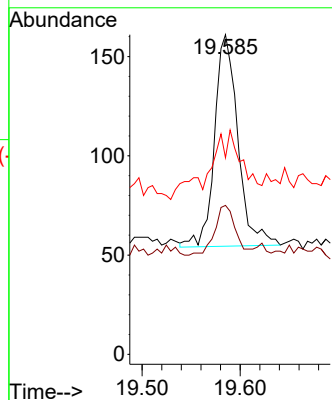
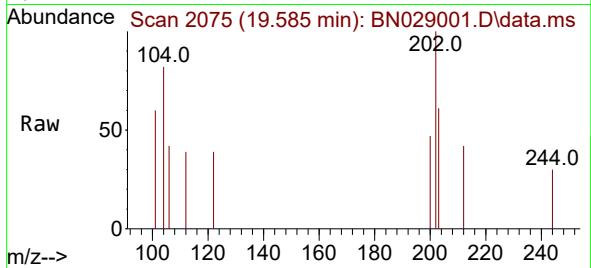




#30
 Pyrene
 Concen: 0.098 ng
 RT: 19.585 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

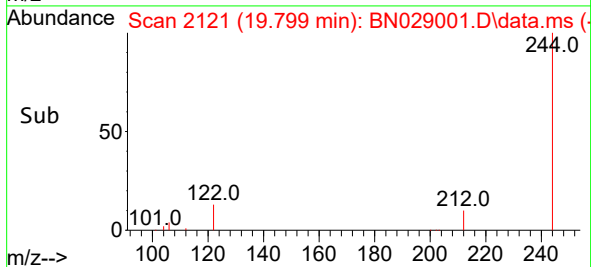
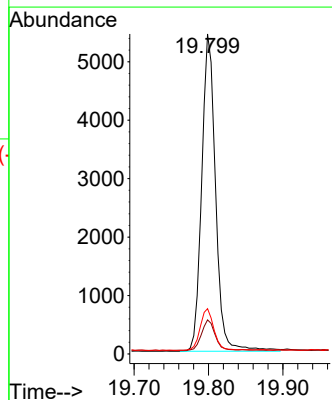
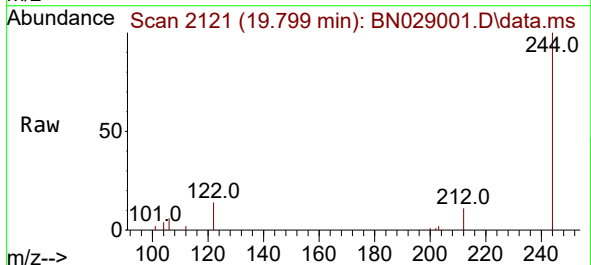
Instrument :
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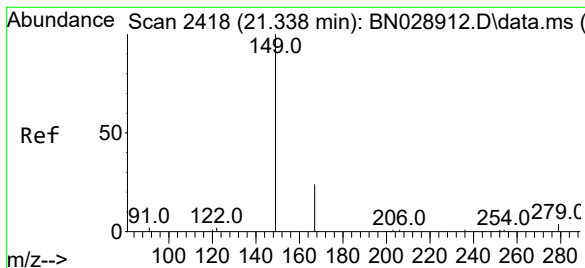
Tgt Ion:202 Resp: 176
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.9 25.3
 203 13.1 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.799 min Scan# 2121
 Delta R.T. -0.019 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Tgt Ion:244 Resp: 7064
 Ion Ratio Lower Upper
 244 100
 212 10.6 11.5 17.3#
 122 14.2 13.2 19.8

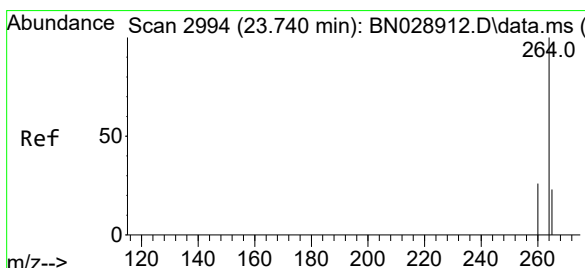
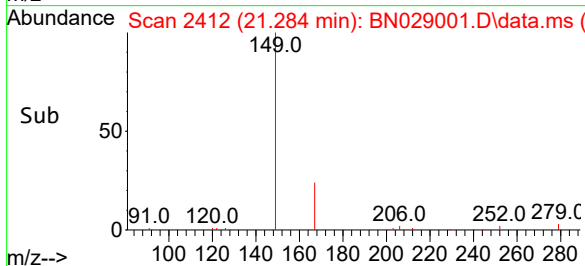
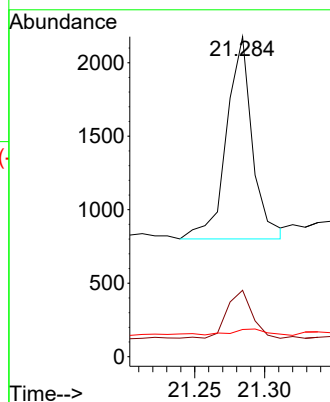
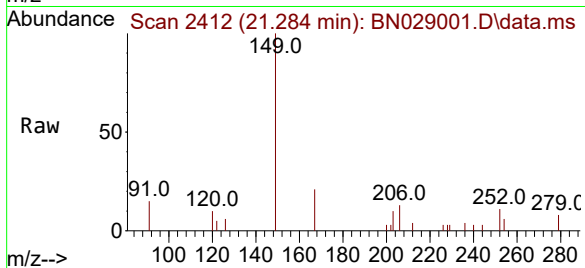




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.284 min Scan# 2412
 Delta R.T. -0.018 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109

Tgt Ion:149 Resp: 1774
 Ion Ratio Lower Upper
 149 100
 167 23.7 14.9 22.3#
 279 4.2 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2973
 Delta R.T. -0.029 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Tgt Ion:264 Resp: 6037
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.6 30.8
 265 76.4 464.5 696.7#

