

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030043.D
 Acq On : 25 Feb 2024 23:55
 Operator : MA/JU
 Sample : P1507-06DL 2X
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240214DL

Quant Time: Feb 26 02:54:32 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)

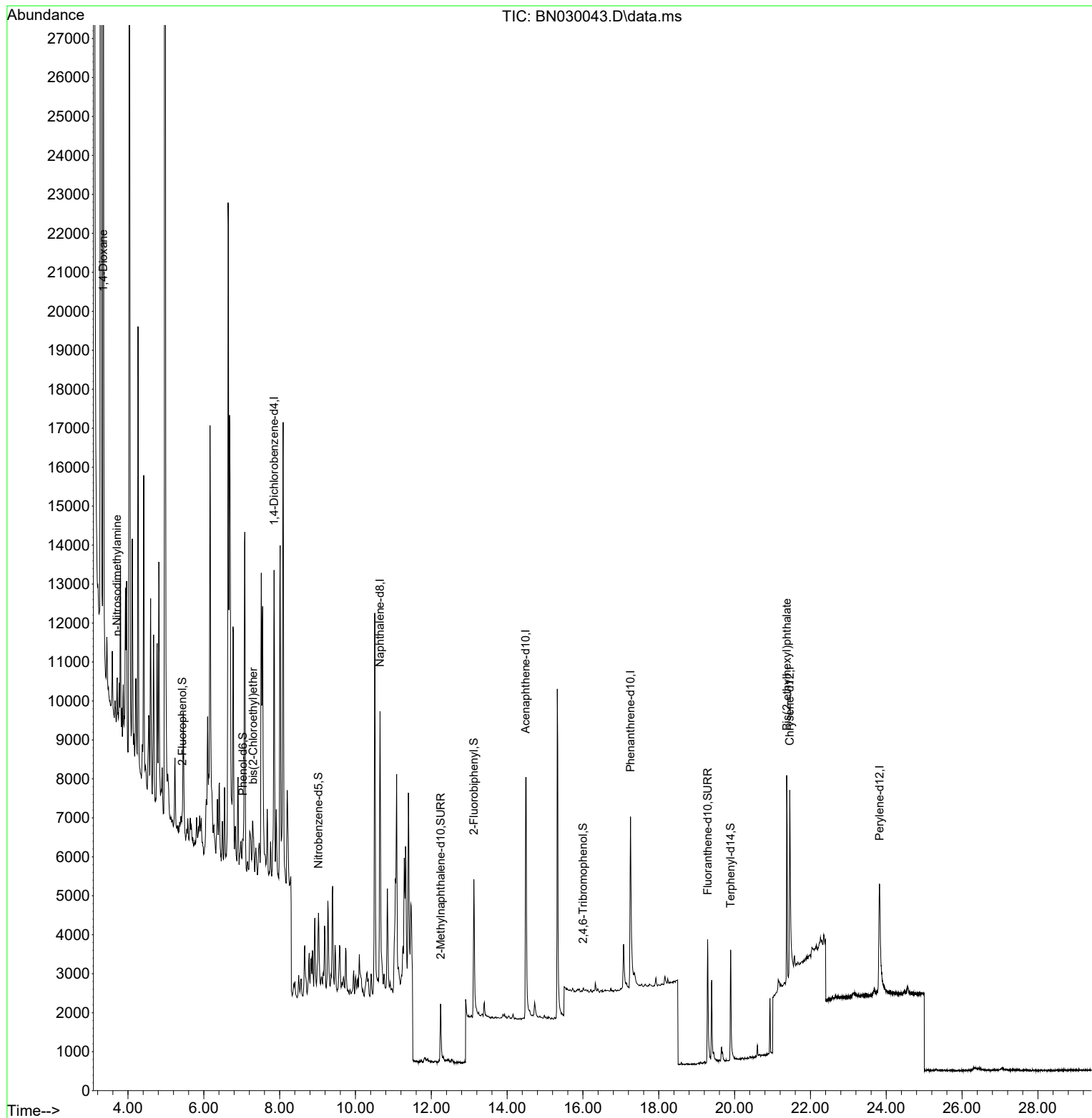
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4034	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10650	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	4868	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	9534	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6971	0.400	ng	0.00
35) Perylene-d12	23.823	264	6479	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	344	0.035	ng	0.00
5) Phenol-d6	7.031	99	426	0.038	ng	0.00
8) Nitrobenzene-d5	9.025	82	1730	0.195	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	2544	0.175	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	89	0.057	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	3984	0.191	ng	0.00
27) Fluoranthene-d10	19.289	212	4572	0.198	ng	0.00
31) Terphenyl-d14	19.898	244	3772	0.218	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	17509	3.083	ng	# 93
3) n-Nitrosodimethylamine	3.709	42	316	0.068	ng	# 1
6) bis(2-Chloroethyl)ether	7.298	93	268	0.025	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.375	149	5120	0.315	ng	100

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

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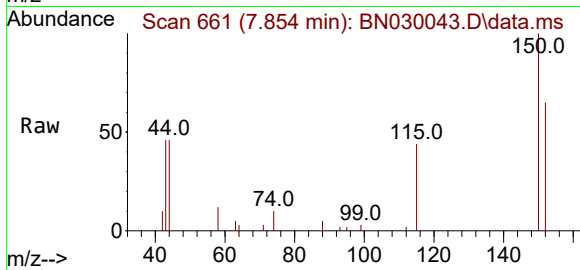
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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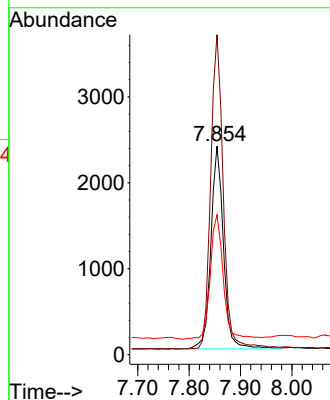
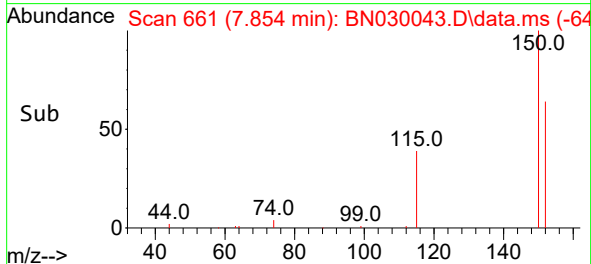


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214DL

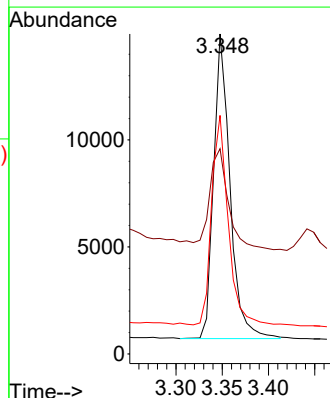
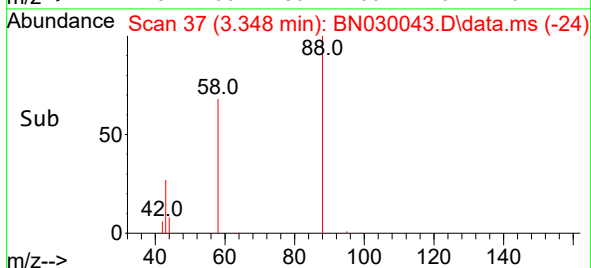
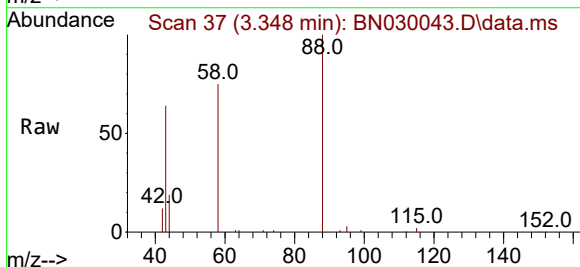


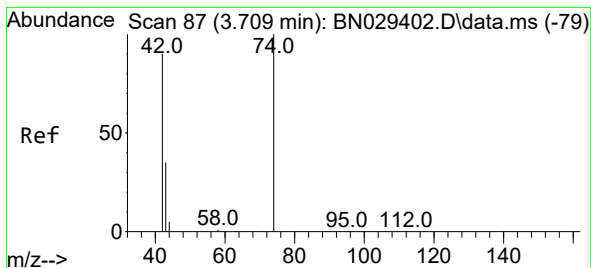
Tgt Ion:152 Resp: 4034
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 67.0 51.4 77.0



#2
1,4-Dioxane
Concen: 3.083 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Tgt Ion: 88 Resp: 17509
Ion Ratio Lower Upper
88 100
43 38.2 23.3 34.9#
58 69.1 53.8 80.6





#3

n-Nitrosodimethylamine

Concen: 0.068 ng

RT: 3.709 min Scan# 81

Delta R.T. 0.022 min

Lab File: BN030043.D

Acq: 25 Feb 2024 23:55

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240214DL

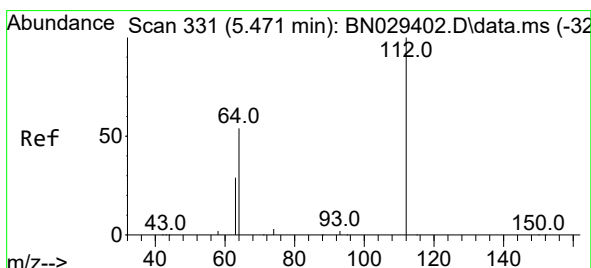
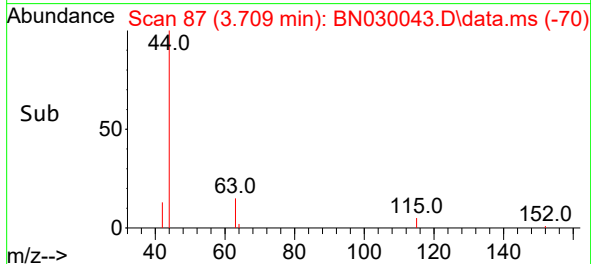
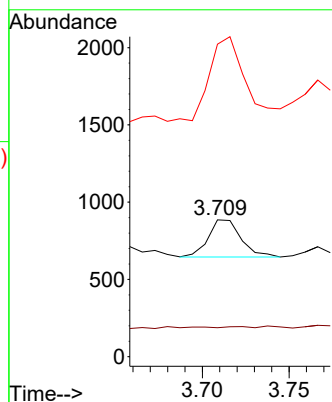
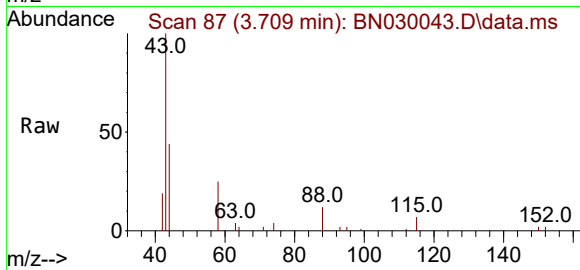
Tgt Ion: 42 Resp: 316

Ion Ratio Lower Upper

42 100

74 2.2 93.7 140.5#

44 254.4 13.0 19.4#



#4

2-Fluorophenol

Concen: 0.035 ng

RT: 5.435 min Scan# 326

Delta R.T. 0.007 min

Lab File: BN030043.D

Acq: 25 Feb 2024 23:55

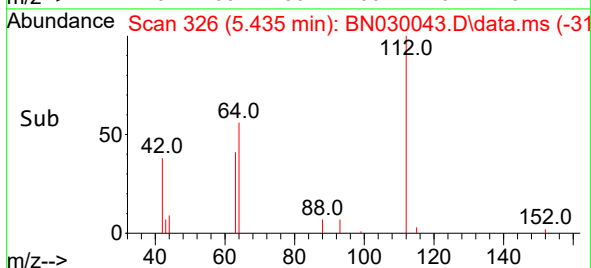
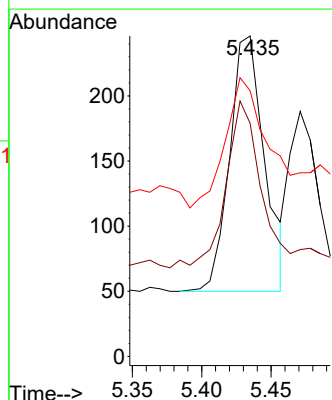
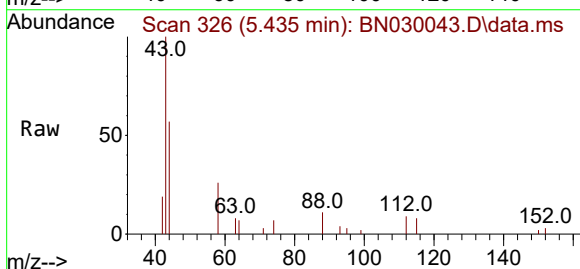
Tgt Ion: 112 Resp: 344

Ion Ratio Lower Upper

112 100

64 71.5 47.2 70.8#

63 64.2 25.8 38.6#

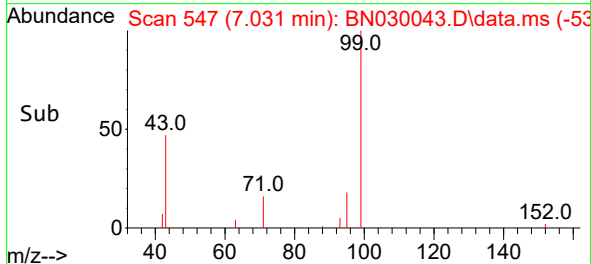
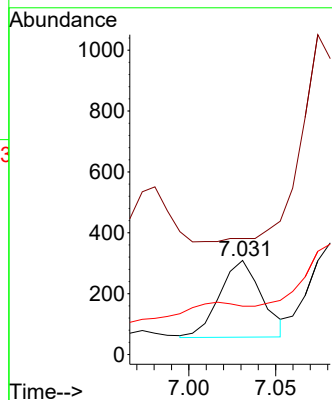
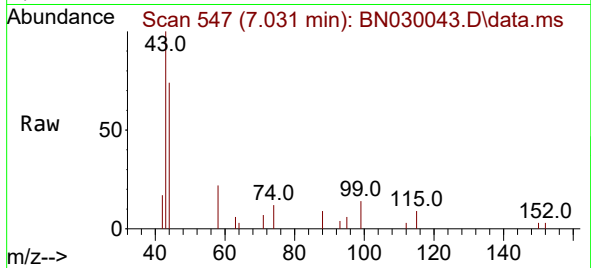




#5
Phenol-d6
Concen: 0.038 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

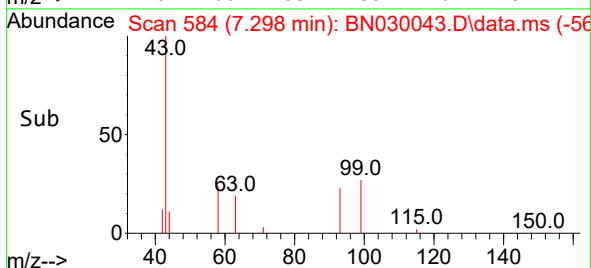
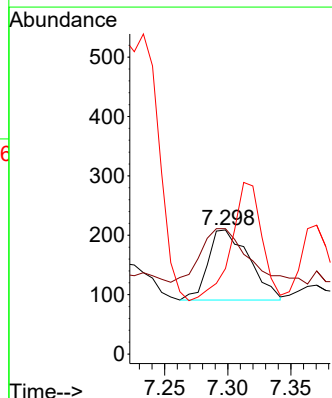
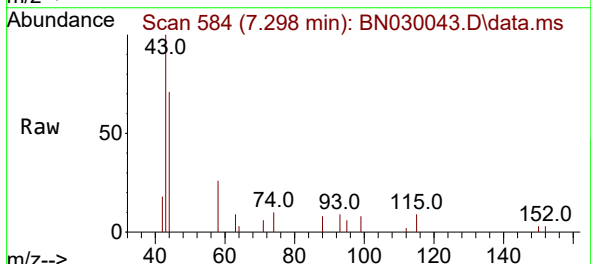
Instrument :
BNA_N
ClientSampleId :
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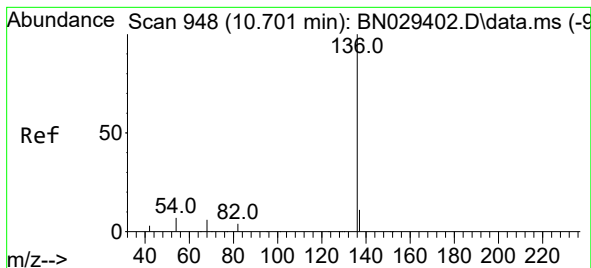
Tgt Ion: 99 Resp: 426
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 39.2 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.298 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Tgt Ion: 93 Resp: 268
Ion Ratio Lower Upper
93 100
63 91.8 63.1 94.7
95 0.0 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: BN030043.D

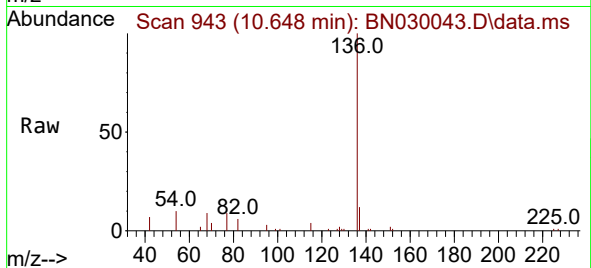
Acq: 25 Feb 2024 23:55

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240214DL



Tgt Ion:136 Resp: 10650

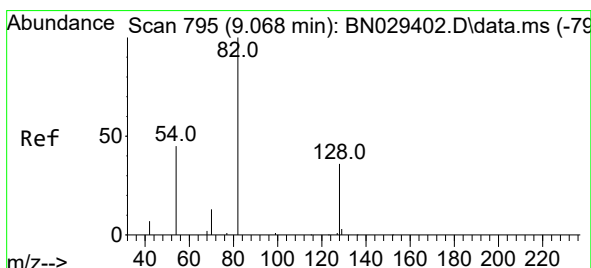
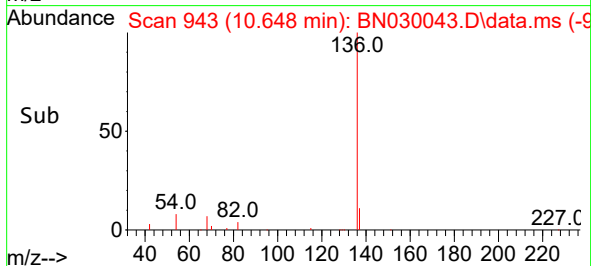
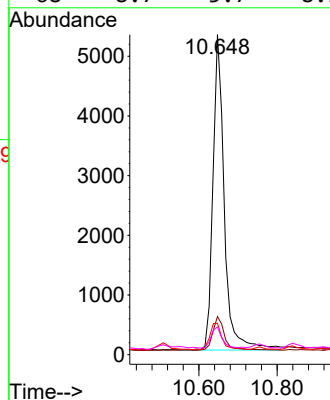
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 9.8 6.6 10.0

68 8.7 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.195 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030043.D

Acq: 25 Feb 2024 23:55

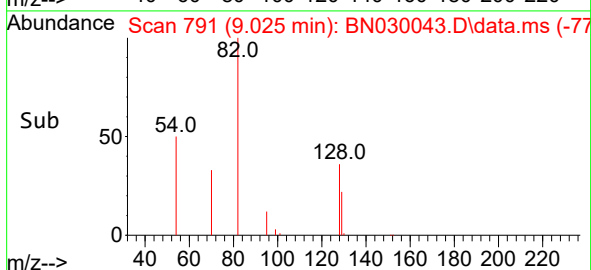
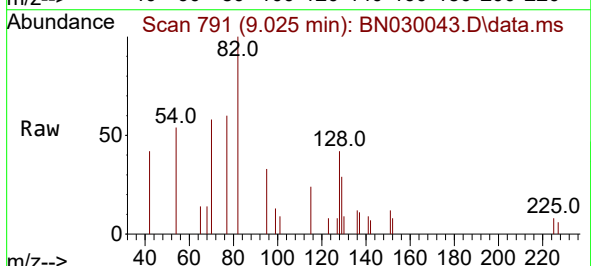
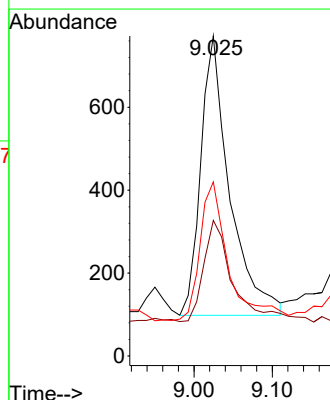
Tgt Ion: 82 Resp: 1730

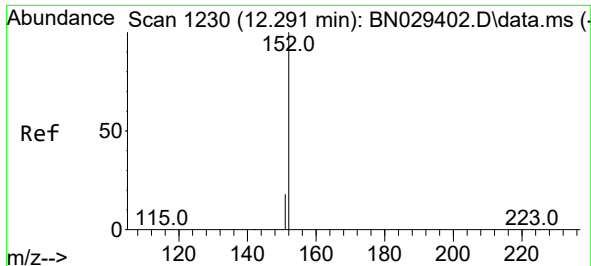
Ion Ratio Lower Upper

82 100

128 42.4 31.6 47.4

54 54.4 38.2 57.4

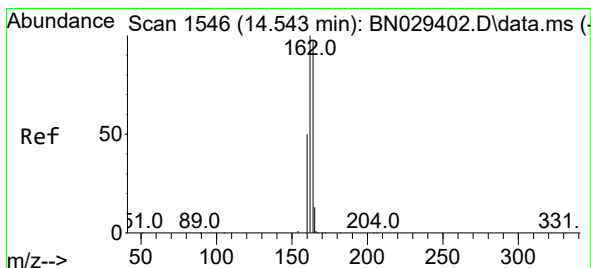
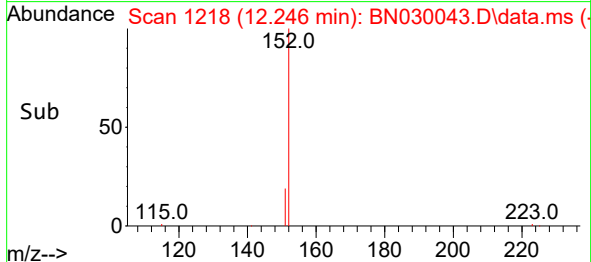
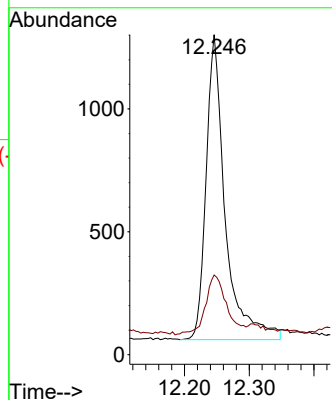
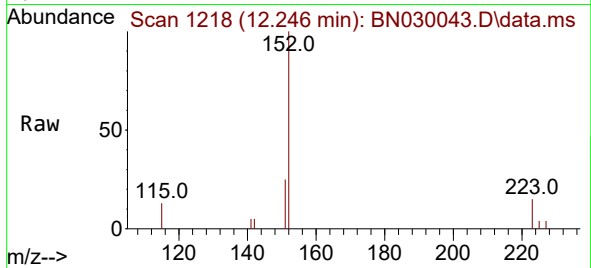




#11
2-Methylnaphthalene-d10
Concen: 0.175 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

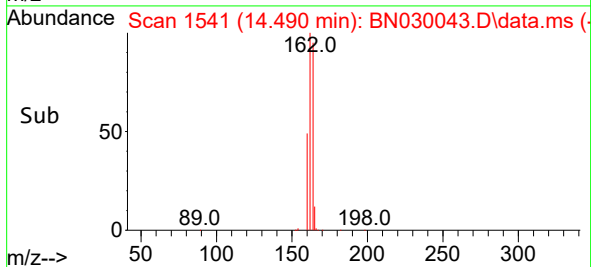
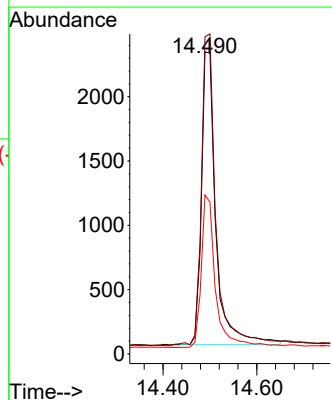
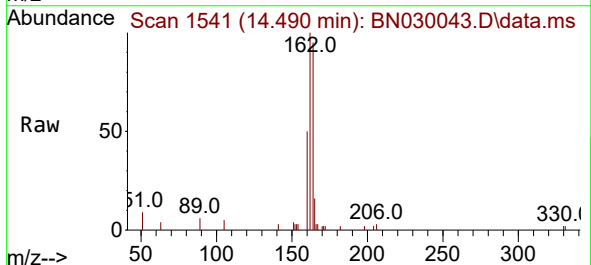
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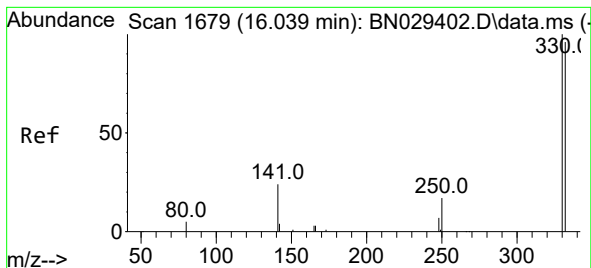
Tgt Ion:152 Resp: 2544
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.490 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

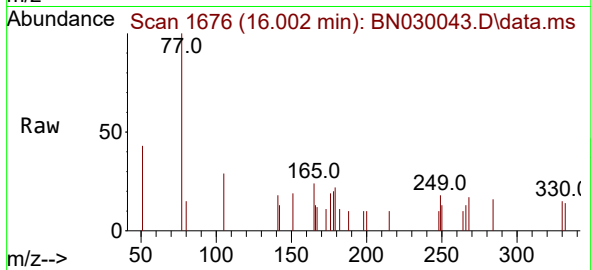
Tgt Ion:164 Resp: 4868
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 52.6 41.5 62.3



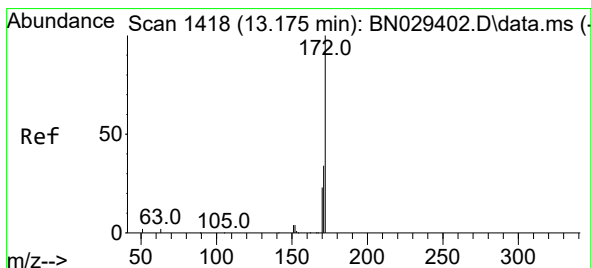
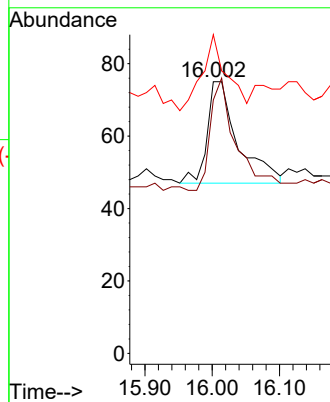
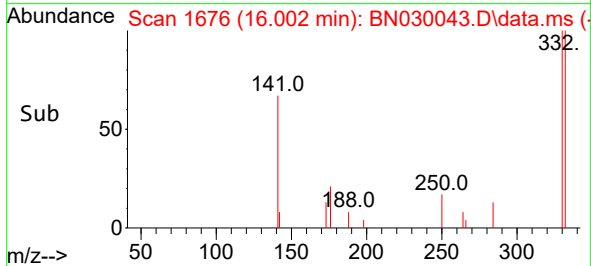


#14
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214DL

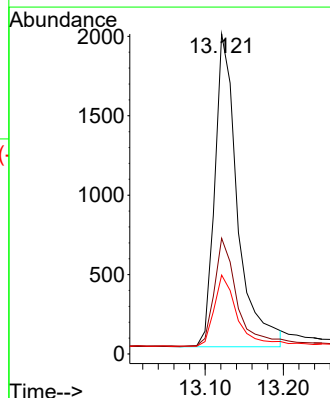
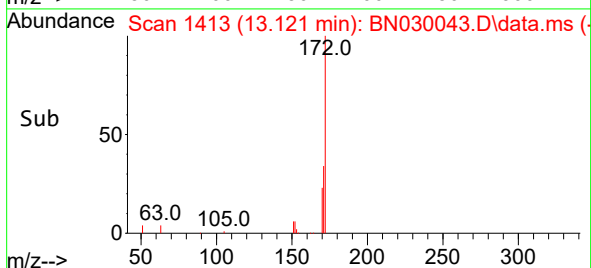
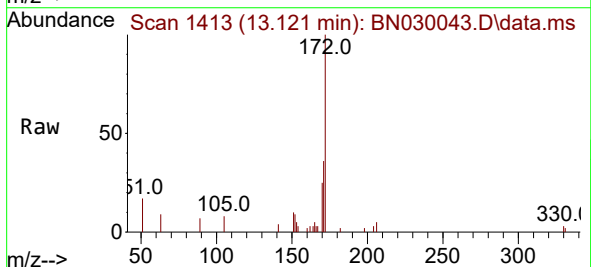


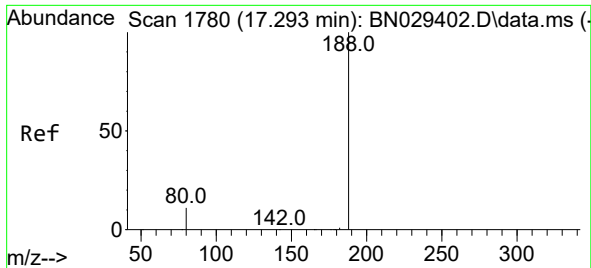
Tgt Ion:330 Resp: 89
Ion Ratio Lower Upper
330 100
332 93.3 76.0 114.0
141 60.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Tgt Ion:172 Resp: 3984
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.7 18.7 28.1

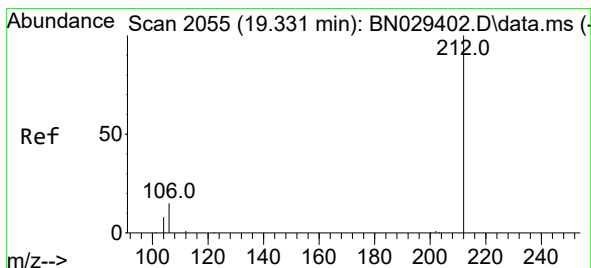
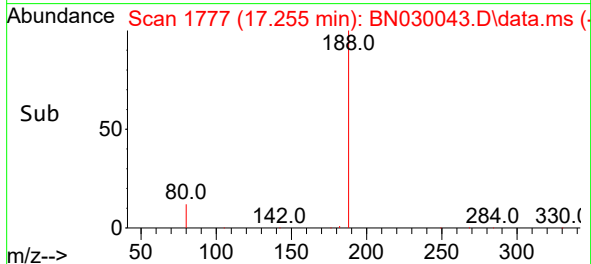
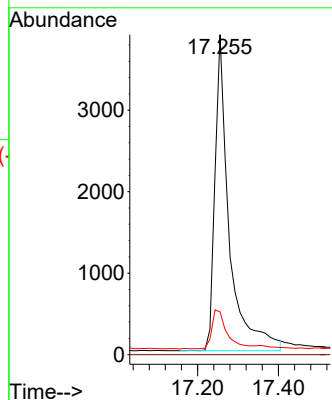
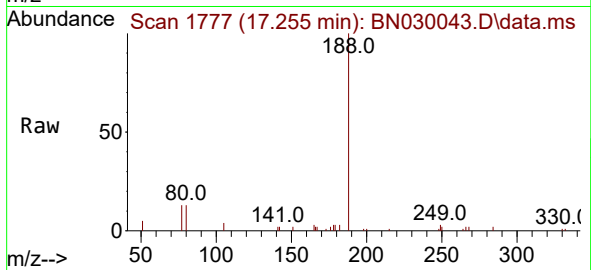




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

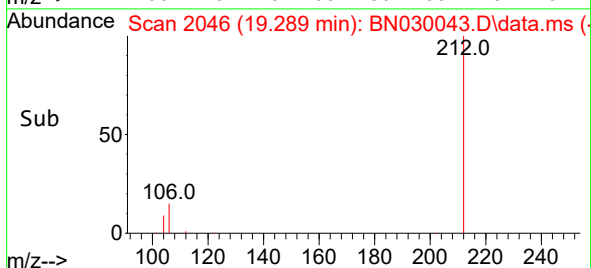
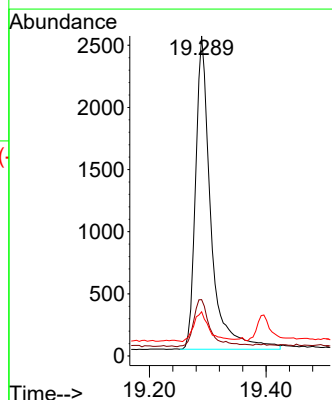
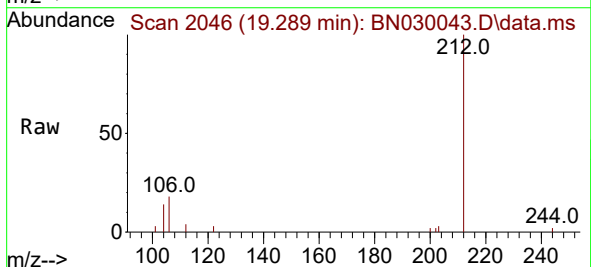
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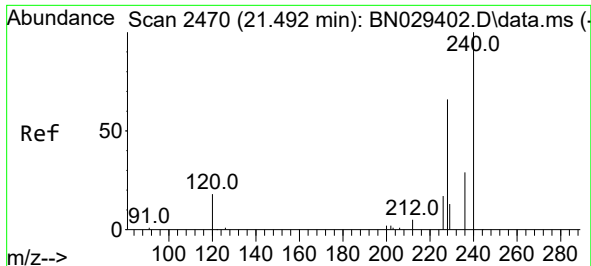
Tgt Ion:188 Resp: 9534
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Tgt Ion:212 Resp: 4572
Ion Ratio Lower Upper
212 100
106 16.4 13.2 19.8
104 9.8 7.7 11.5

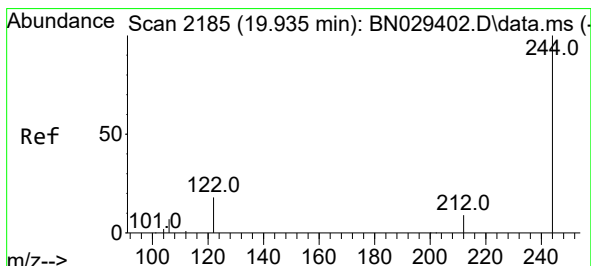
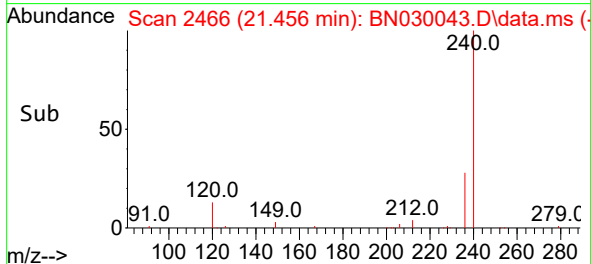
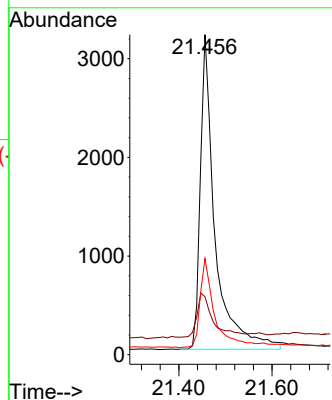
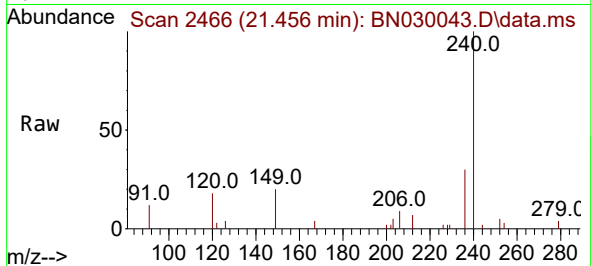




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

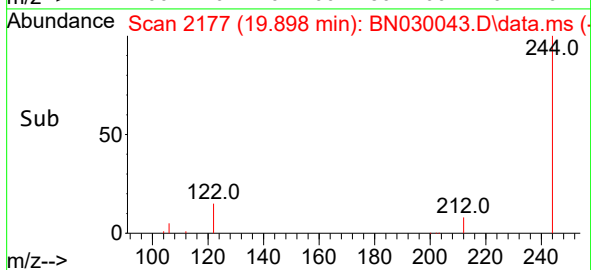
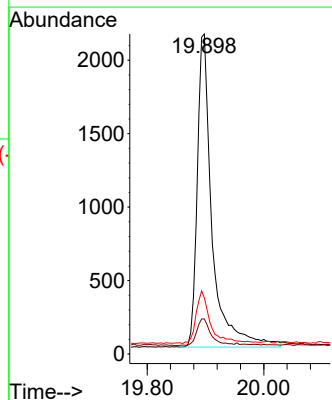
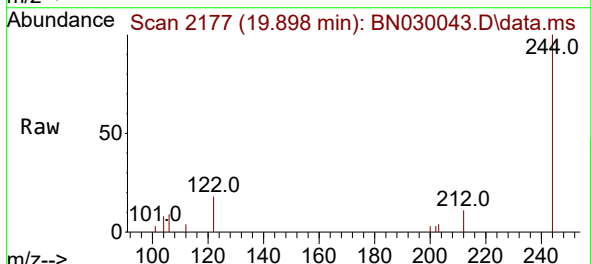
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240214DL

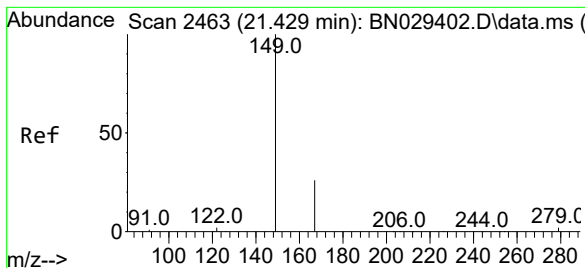
Tgt Ion:240 Resp: 6971
Ion Ratio Lower Upper
240 100
120 18.1 16.7 25.1
236 30.1 23.9 35.9



#31
Terphenyl-d14
Concen: 0.218 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BN030043.D
Acq: 25 Feb 2024 23:55

Tgt Ion:244 Resp: 3772
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 17.6 15.6 23.4

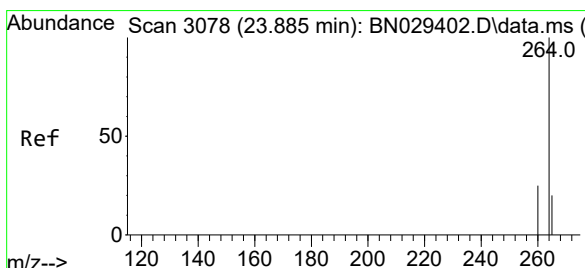
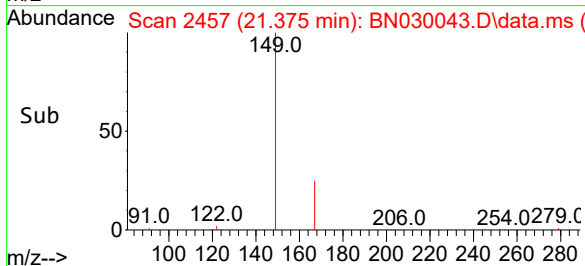
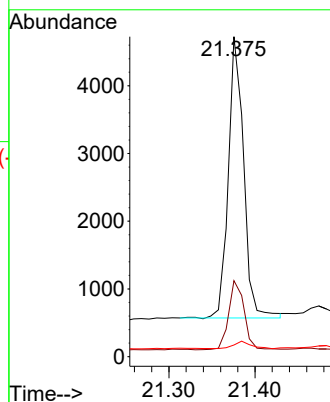
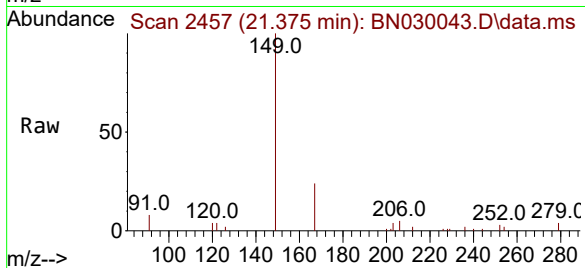




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.315 ng
 RT: 21.375 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030043.D
 Acq: 25 Feb 2024 23:55

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240214DL

Tgt Ion:149 Resp: 5120
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.1 30.1
 279 2.9 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: BN030043.D
 Acq: 25 Feb 2024 23:55

Tgt Ion:264 Resp: 6479
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.2 31.8
 265 84.4 41.5 62.3#

