

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027650.D
 Acq On : 13 Sep 2023 18:11
 Operator : MA/JU
 Sample : 04361-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907

Quant Time: Sep 14 05:29:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

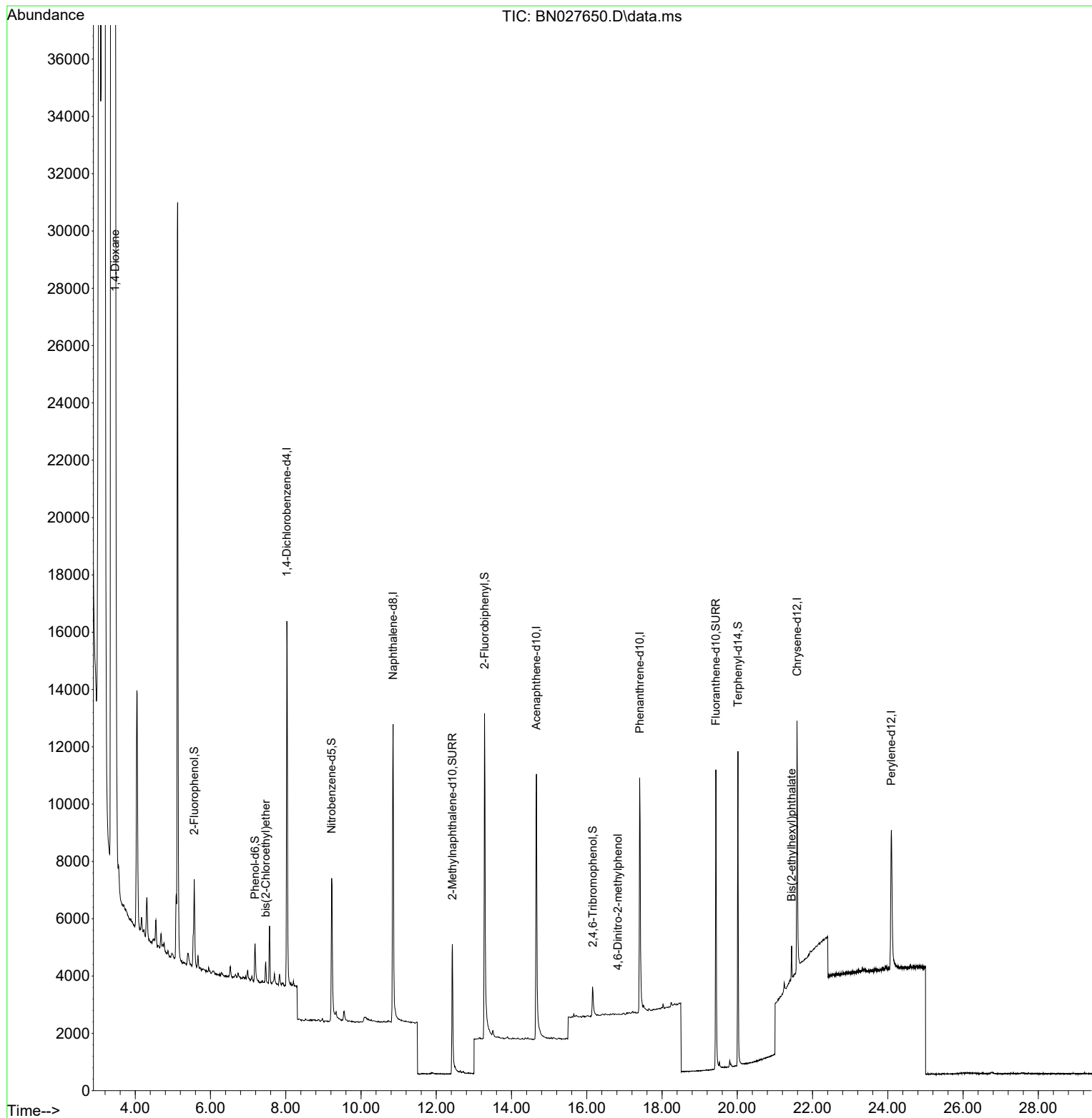
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6424	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16048	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7164	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	14298	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9770	0.400	ng	0.00
35) Perylene-d12	24.095	264	8912	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2643	0.158	ng	0.00
5) Phenol-d6	7.185	99	1685	0.083	ng	0.00
8) Nitrobenzene-d5	9.219	82	5478	0.468	ng	-0.01
11) 2-Methylnaphthalene-d10	12.427	152	7853	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	738	0.278	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	12756	0.468	ng	-0.01
27) Fluoranthene-d10	19.430	212	12882	0.362	ng	0.00
31) Terphenyl-d14	20.015	244	11131	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	40490	5.163	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.467	93	572	0.029	ng	96
20) 4,6-Dinitro-2-methylph...	16.822	198	5	0.025	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.444	149	1071	0.066	ng	100

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

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ALS Vial : 14 Sample Multiplier: 1

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BNA_N
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SP-100-20230907

Quant Time: Sep 14 05:29:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

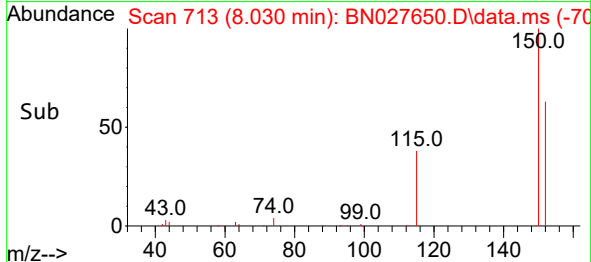
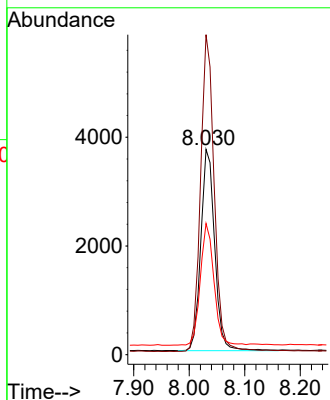
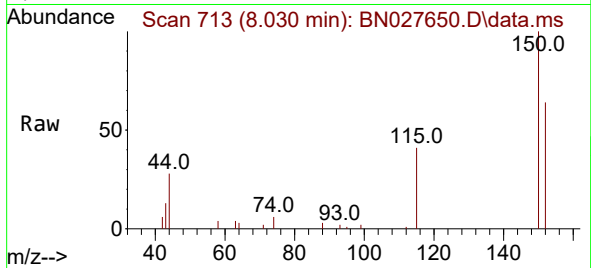




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

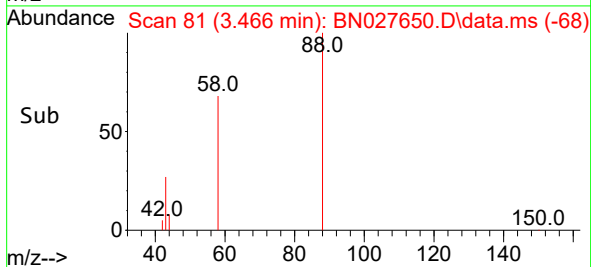
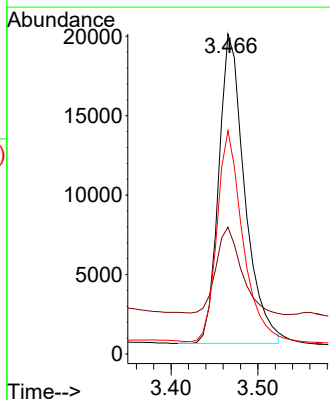
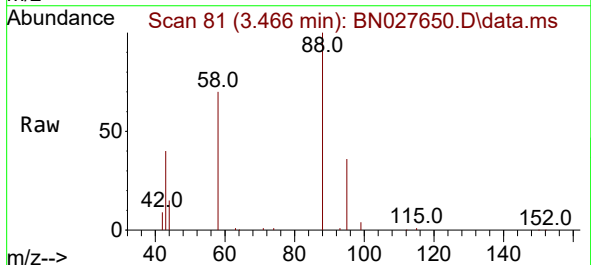
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907

Tgt Ion:152 Resp: 6424
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 63.9 48.6 73.0



#2
1,4-Dioxane
Concen: 5.163 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

Tgt Ion: 88 Resp: 40490
Ion Ratio Lower Upper
88 100
43 27.0 19.1 28.7
58 67.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027650.D

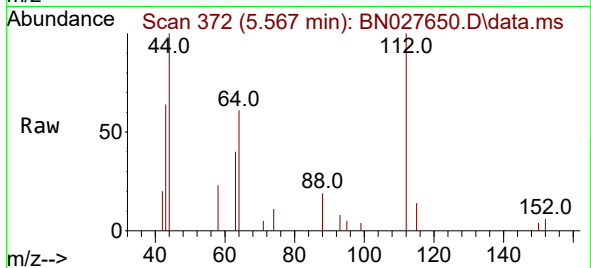
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Instrument :

BNA_N

ClientSampleId :

SP-100-20230907



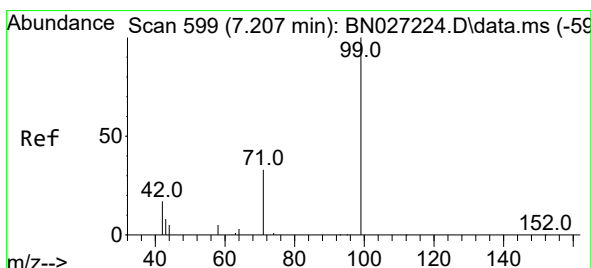
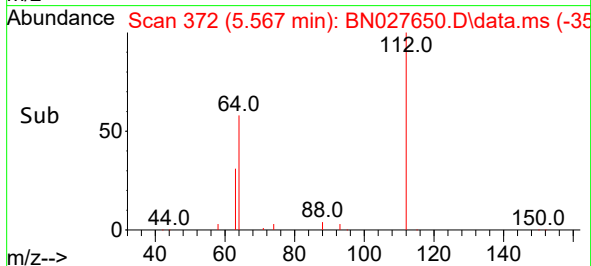
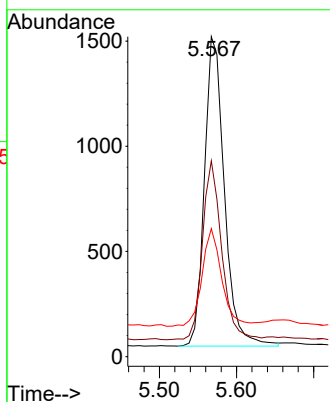
Tgt Ion:112 Resp: 2643

Ion Ratio Lower Upper

112 100

64 55.9 44.4 66.6

63 31.1 23.1 34.7



#5

Phenol-d6

Concen: 0.083 ng

RT: 7.185 min Scan# 596

Delta R.T. 0.000 min

Lab File: BN027650.D

Acq: 13 Sep 2023 18:11

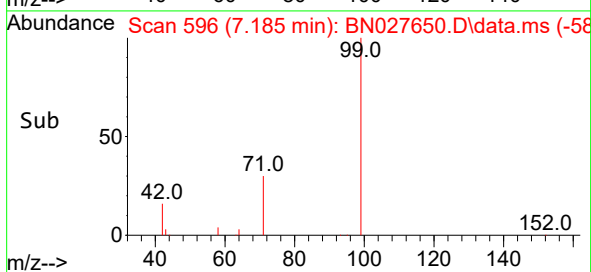
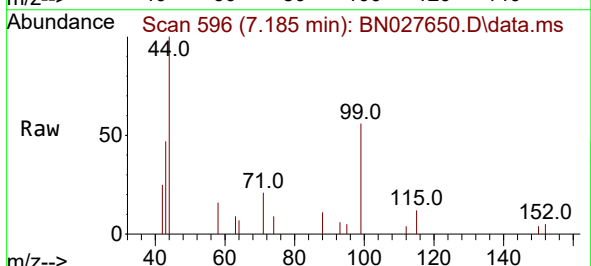
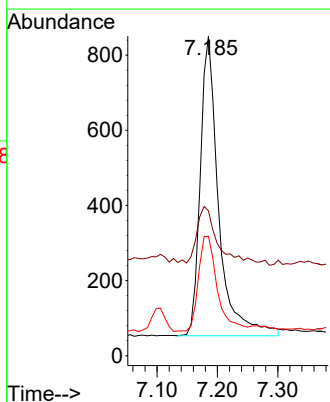
Tgt Ion: 99 Resp: 1685

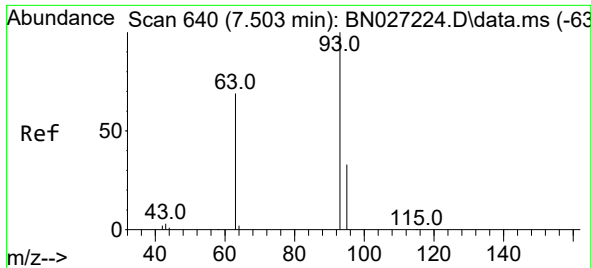
Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

71 32.2 25.8 38.6

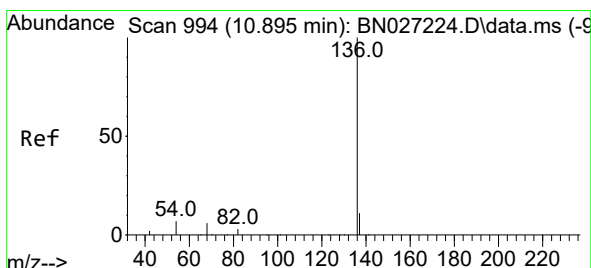
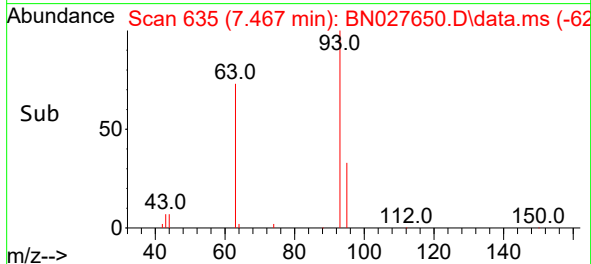
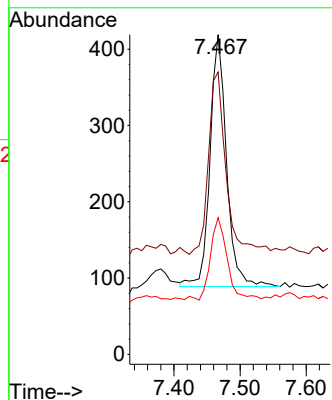
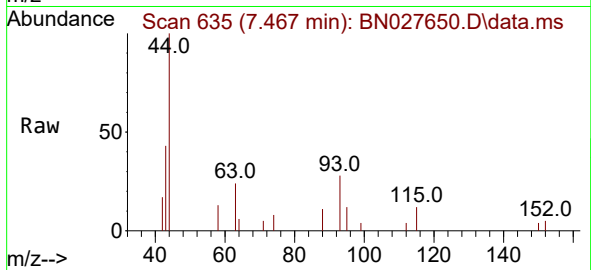




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.467 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

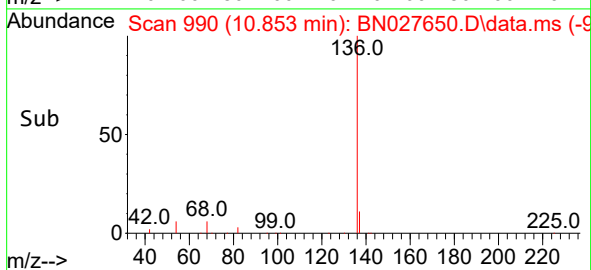
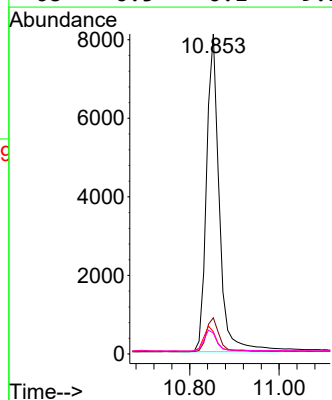
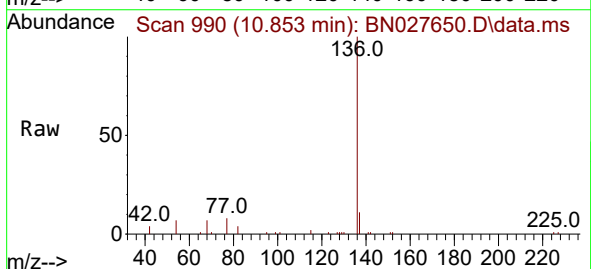
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907

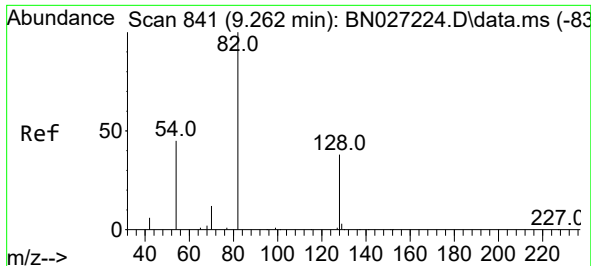
Tgt Ion: 93 Resp: 572
Ion Ratio Lower Upper
93 100
63 78.5 58.5 87.7
95 32.7 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

Tgt Ion: 136 Resp: 16048
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 6.9 6.7 10.1
68 6.5 6.1 9.1

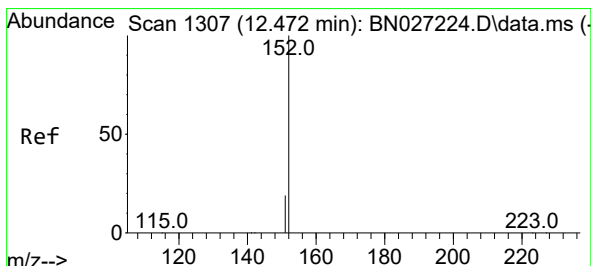
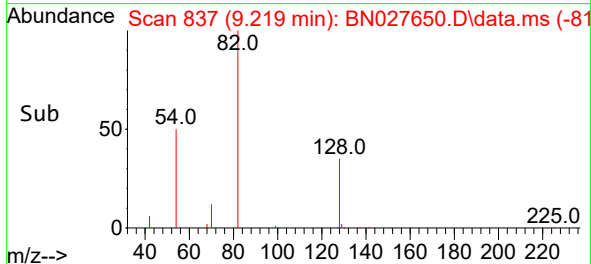
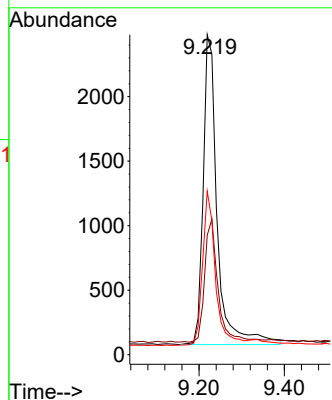
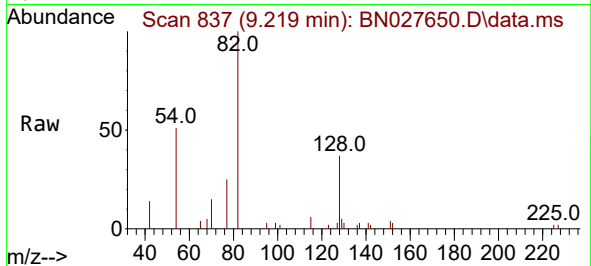




#8
Nitrobenzene-d5
Concen: 0.468 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

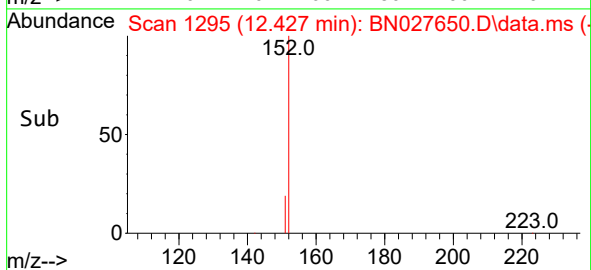
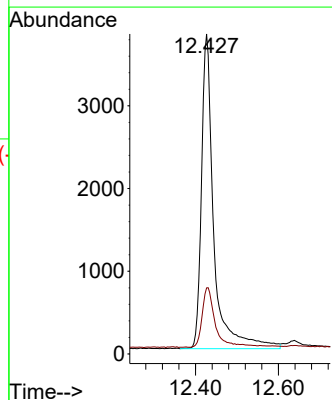
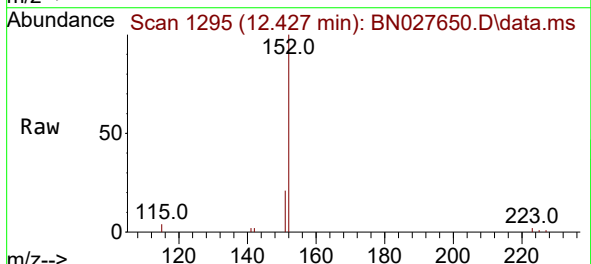
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907

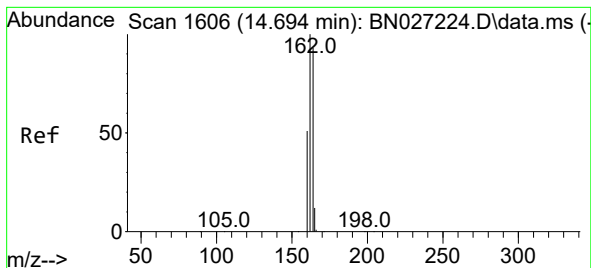
Tgt Ion: 82 Resp: 5478
Ion Ratio Lower Upper
82 100
128 37.4 33.4 50.0
54 51.1 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.427 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

Tgt Ion: 152 Resp: 7853
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027650.D

Acq: 13 Sep 2023 18:11

Instrument :

BNA_N

ClientSampleId :

SP-100-20230907

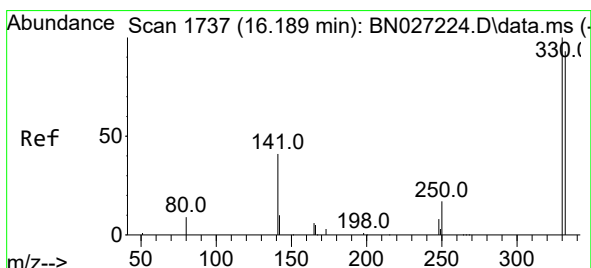
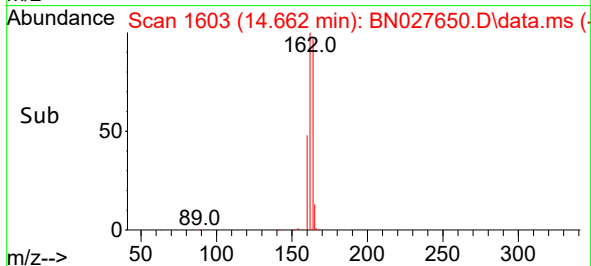
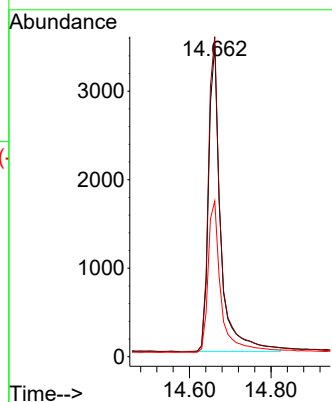
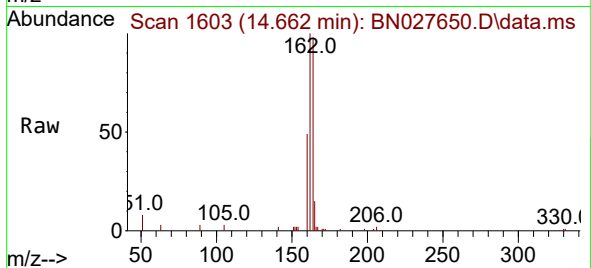
Tgt Ion:164 Resp: 7164

Ion Ratio Lower Upper

164 100

162 102.6 85.8 128.8

160 49.9 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.013 min

Lab File: BN027650.D

Acq: 13 Sep 2023 18:11

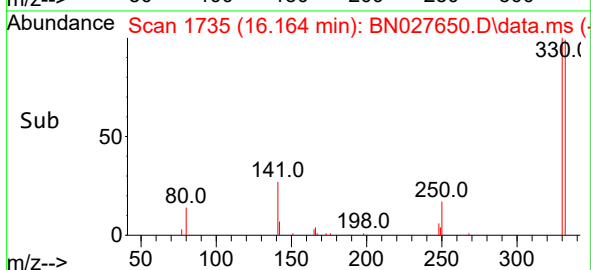
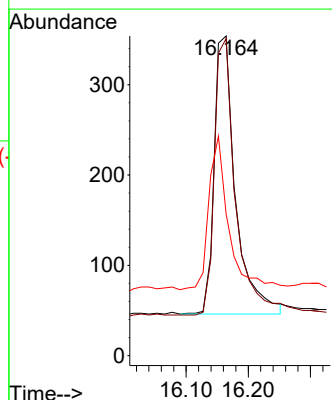
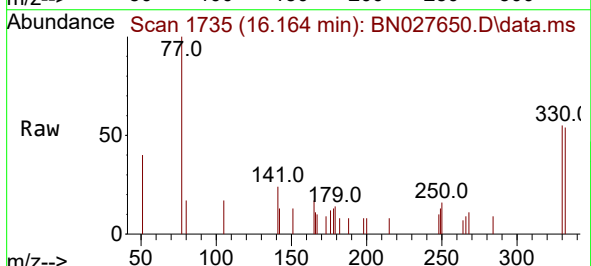
Tgt Ion:330 Resp: 738

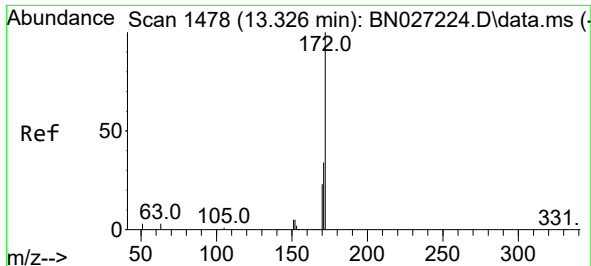
Ion Ratio Lower Upper

330 100

332 96.3 75.2 112.8

141 50.9 36.2 54.4

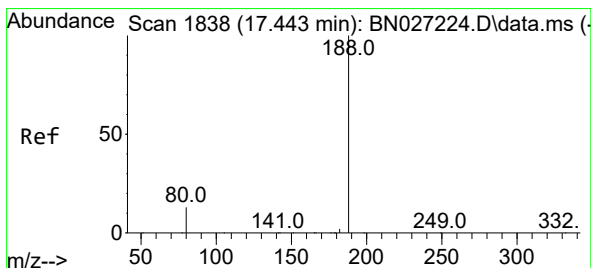
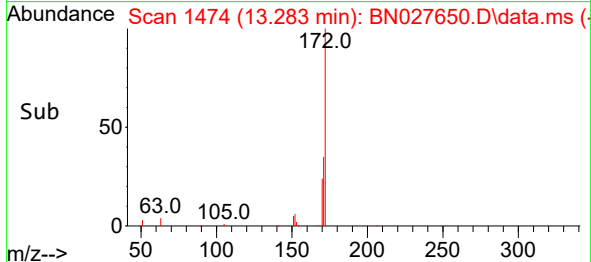
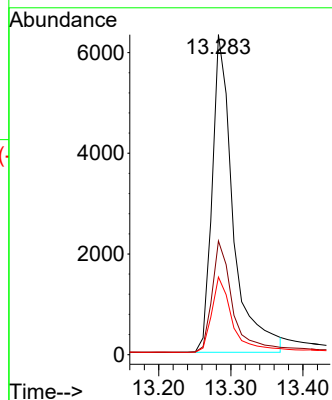
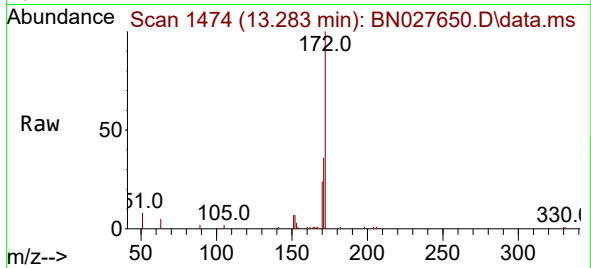




#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

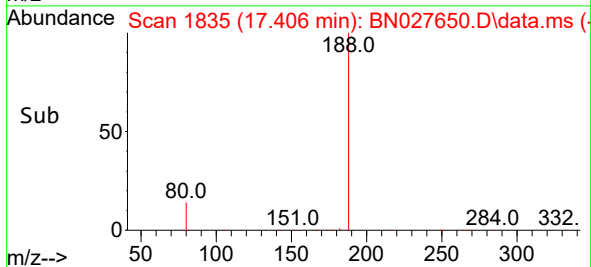
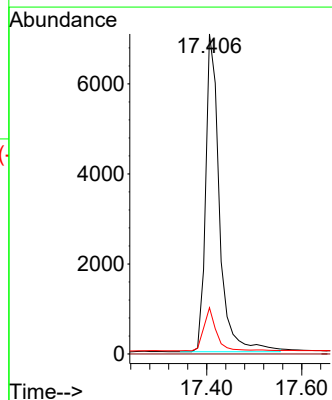
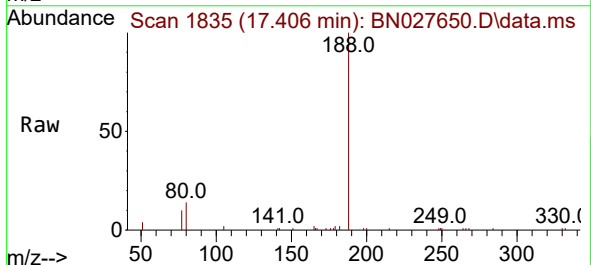
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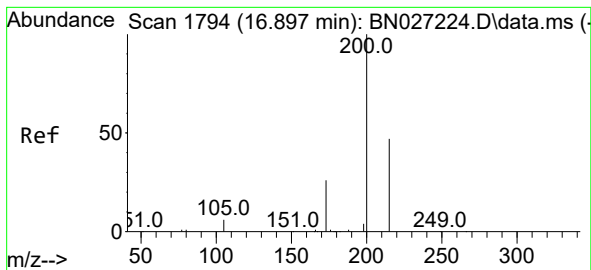
Tgt Ion:172 Resp: 12756
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 24.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

Tgt Ion:188 Resp: 14298
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.0 16.6

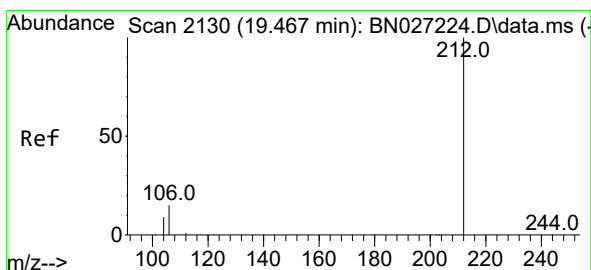
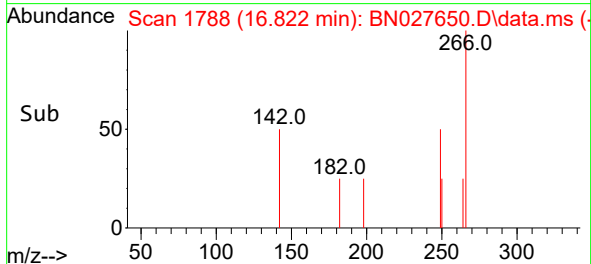
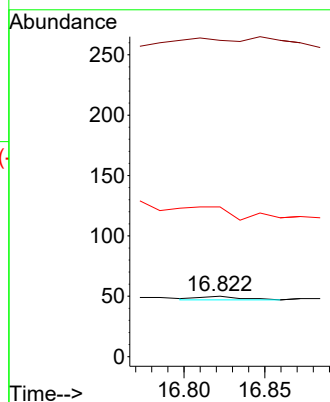
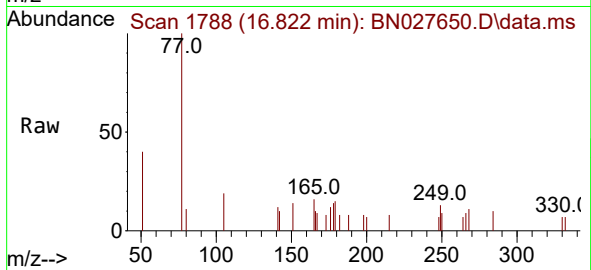




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 16.822 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

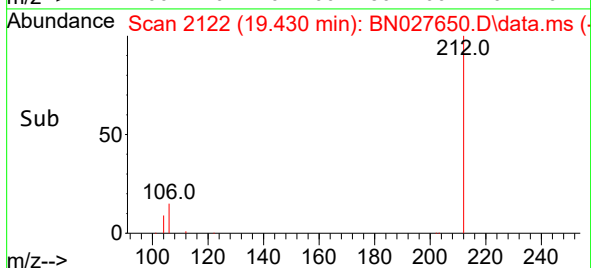
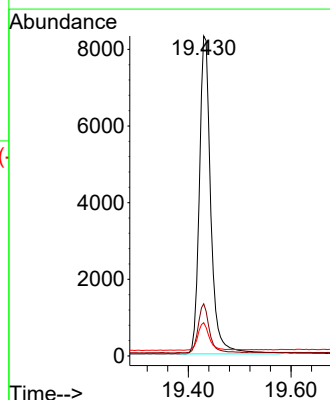
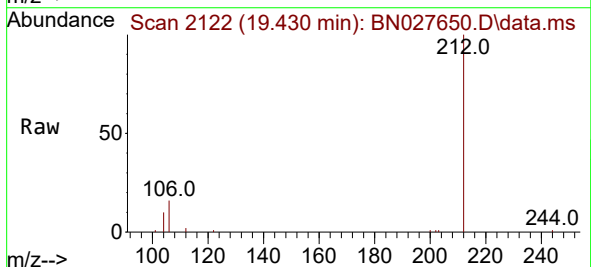
Instrument :
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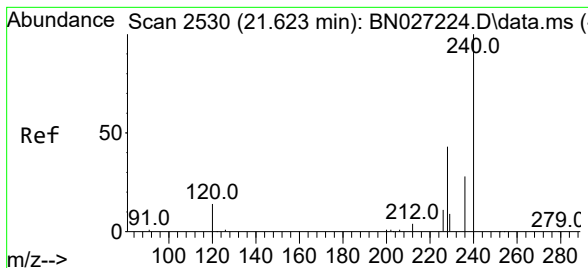
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 524.0 282.2 423.2#
105 248.0 168.7 253.1



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.430 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BN027650.D
Acq: 13 Sep 2023 18:11

Tgt Ion:212 Resp: 12882
Ion Ratio Lower Upper
212 100
106 14.9 12.1 18.1
104 8.5 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027650.D

Acq: 13 Sep 2023 18:11

Instrument :

BNA_N

ClientSampleId :

SP-100-20230907

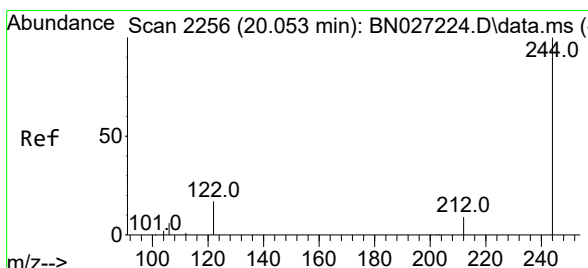
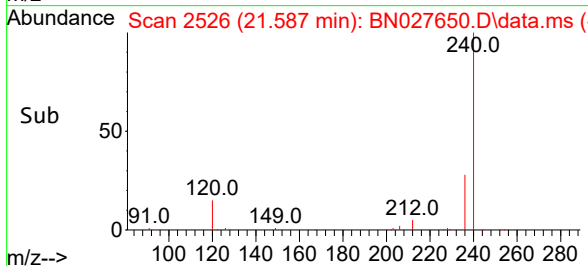
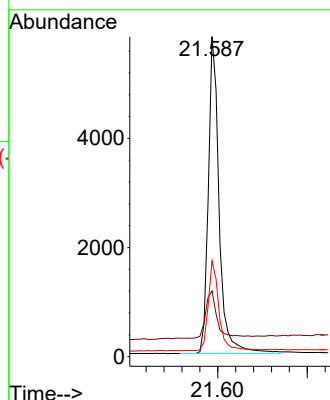
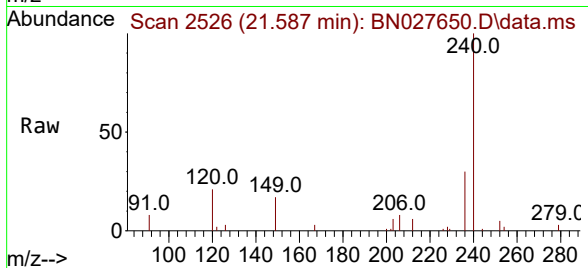
Tgt Ion:240 Resp: 9770

Ion Ratio Lower Upper

240 100

120 20.6 14.2 21.4

236 29.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.567 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027650.D

Acq: 13 Sep 2023 18:11

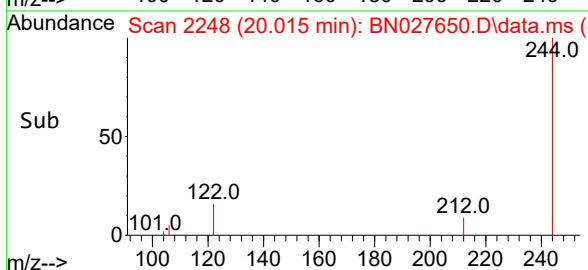
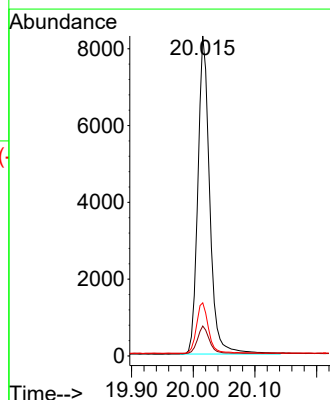
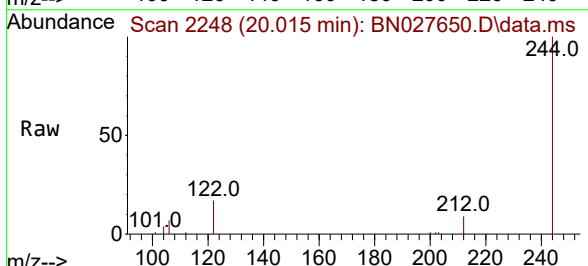
Tgt Ion:244 Resp: 11131

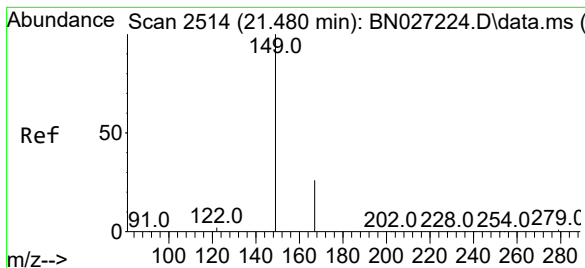
Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 16.6 14.0 21.0

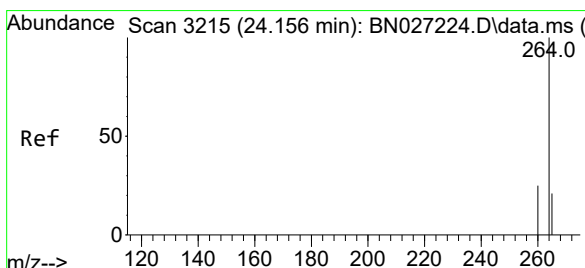
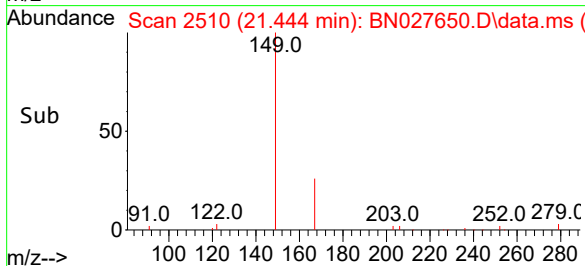
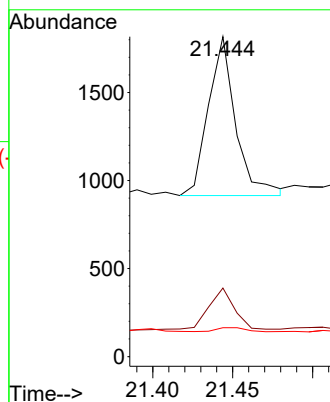
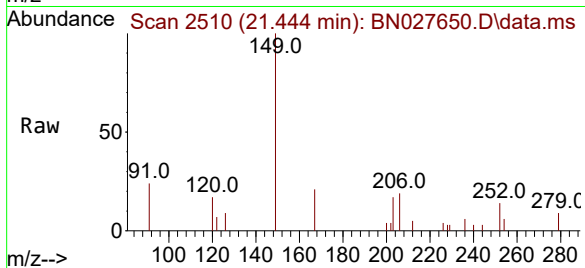




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.444 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027650.D
 Acq: 13 Sep 2023 18:11

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907

Tgt Ion:149 Resp: 1071
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 3.0 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 3194
 Delta R.T. 0.000 min
 Lab File: BN027650.D
 Acq: 13 Sep 2023 18:11

Tgt Ion:264 Resp: 8912
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.7 31.1
 265 96.9 53.3 79.9#

