

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029022.D
 Acq On : 03 Dec 2023 15:44
 Operator : MA/JU
 Sample : 05404-30
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20231110

Quant Time: Dec 04 00:44:04 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)

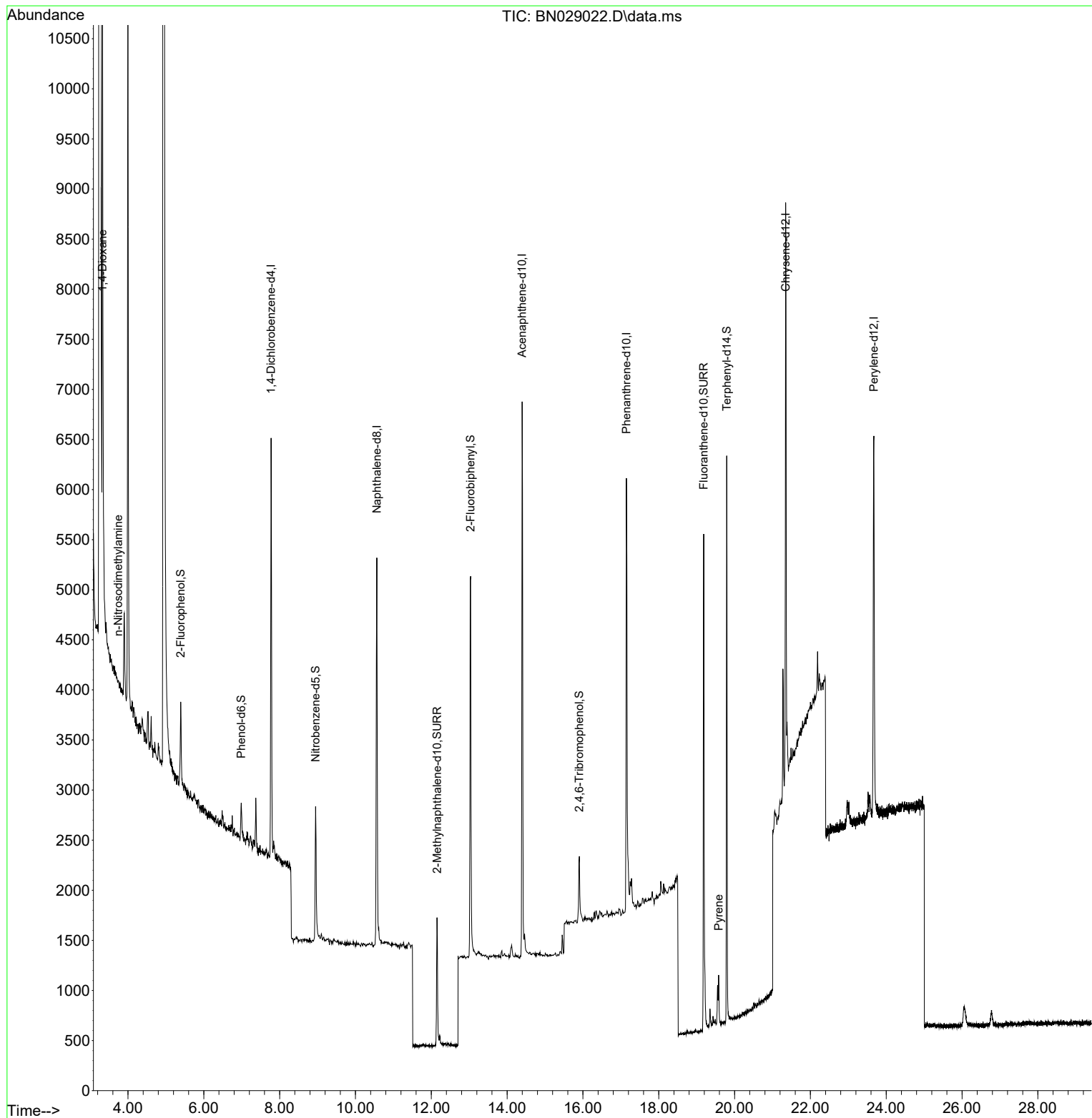
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1970	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5422	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3450	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7189	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5882	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5593	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	534	0.089	ng	0.00
5) Phenol-d6	6.988	99	342	0.052	ng	0.00
8) Nitrobenzene-d5	8.950	82	1327	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2002	0.230	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	512	0.220	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	3937	0.264	ng	0.00
27) Fluoranthene-d10	19.185	212	5899	0.312	ng	0.00
31) Terphenyl-d14	19.794	244	5607	0.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	4003	2.075	ng	# 88
3) n-Nitrosodimethylamine	3.745	42	75	0.116	ng	# 28
30) Pyrene	19.580	202	412	0.103	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.275	149	1372	Below Cal		# 92

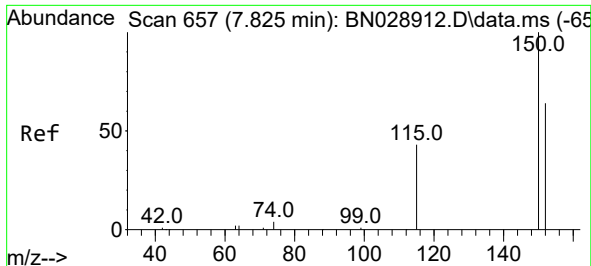
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

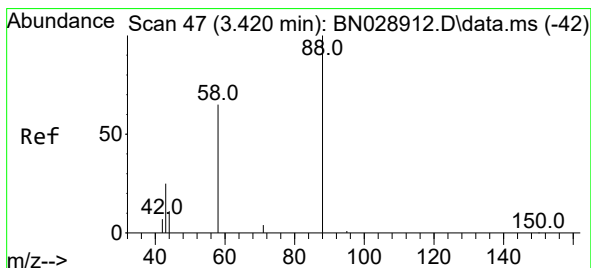
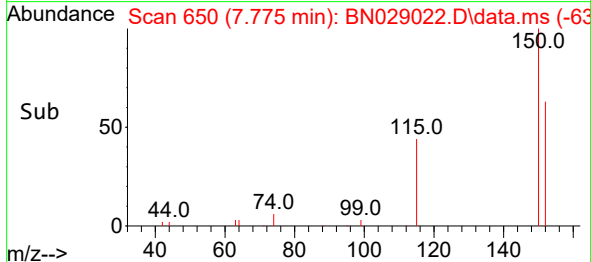
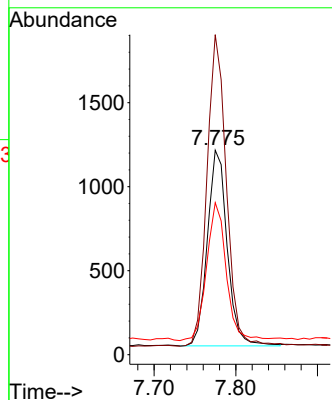
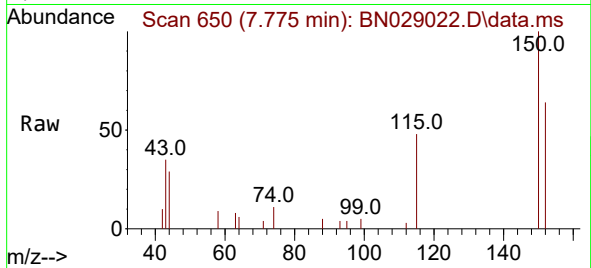




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

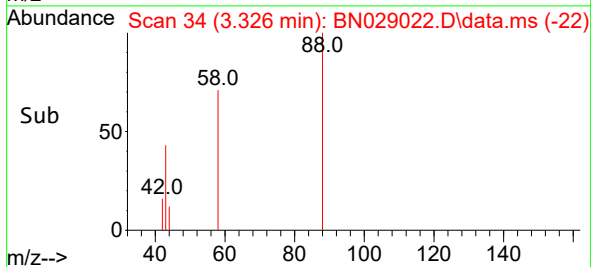
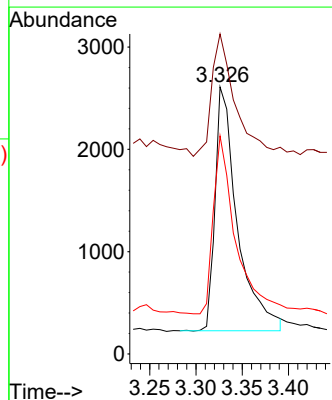
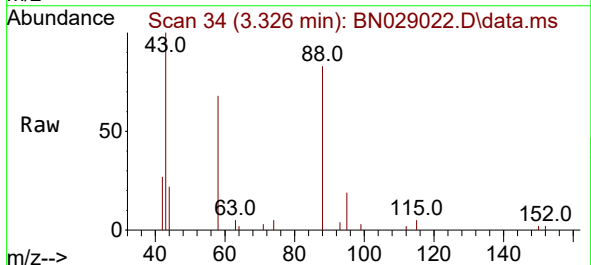
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

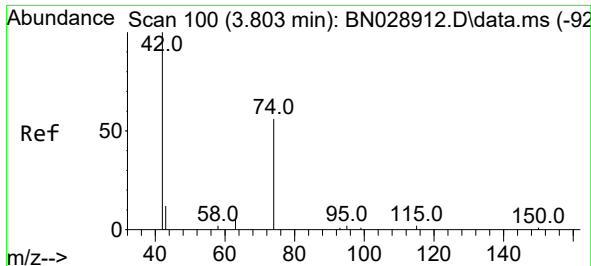
Tgt Ion:152 Resp: 1970
Ion Ratio Lower Upper
152 100
150 156.5 123.4 185.2
115 74.4 59.1 88.7



#2
1,4-Dioxane
Concen: 2.075 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.015 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 88 Resp: 4003
Ion Ratio Lower Upper
88 100
43 52.3 29.9 44.9#
58 72.1 55.0 82.4

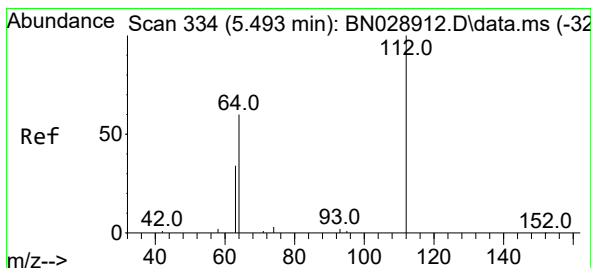
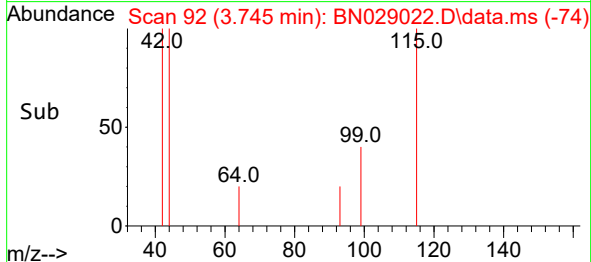
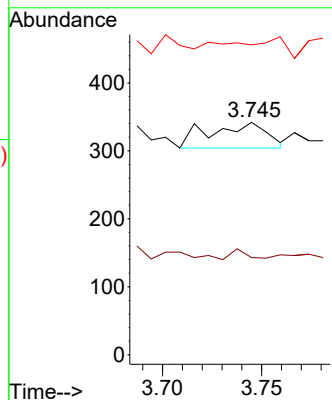
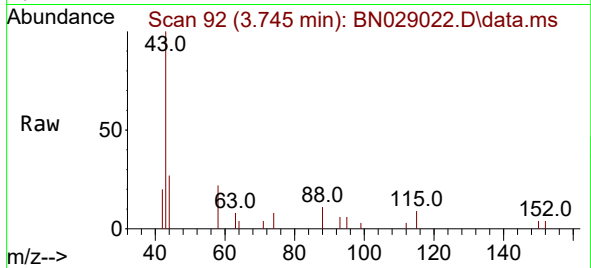




#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.745 min Scan# 91
Delta R.T. 0.029 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

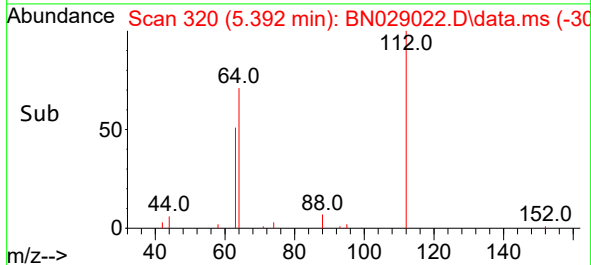
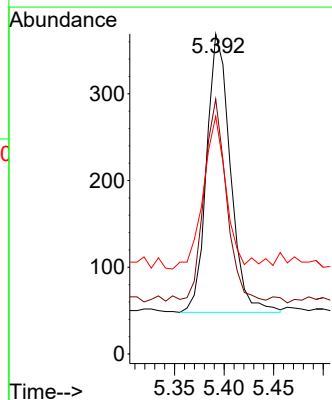
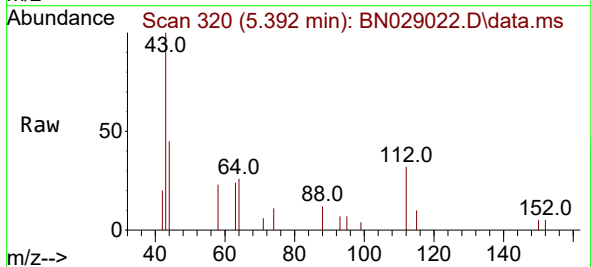
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

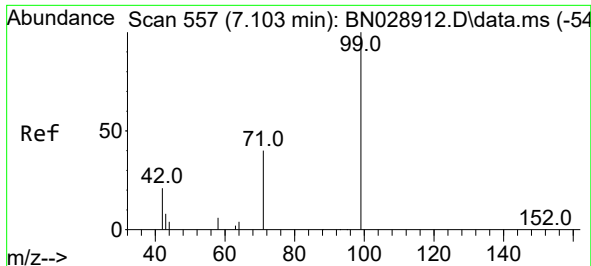
Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 12.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 112 Resp: 534
Ion Ratio Lower Upper
112 100
64 68.0 51.5 77.3
63 53.6 30.4 45.6#

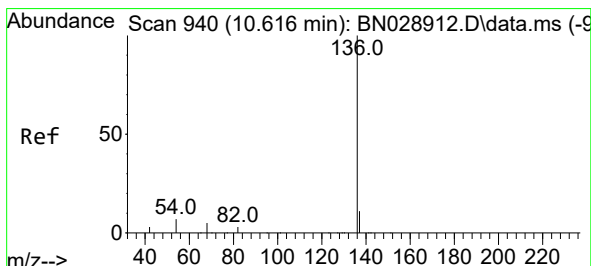
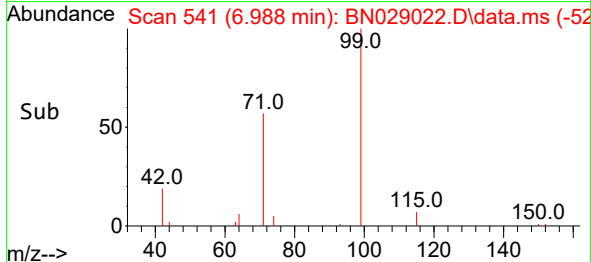
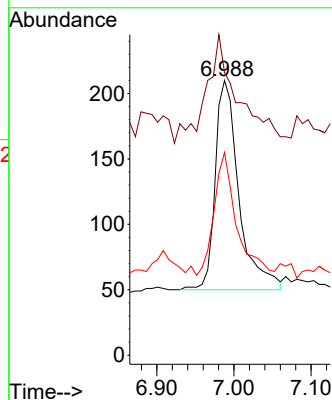
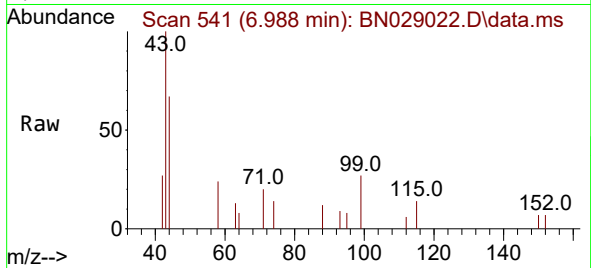




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

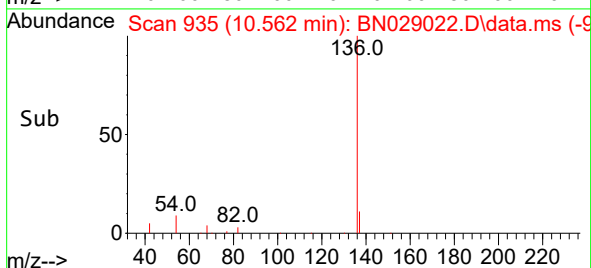
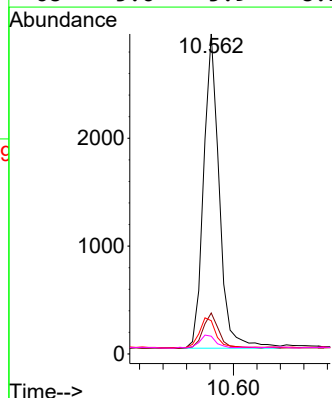
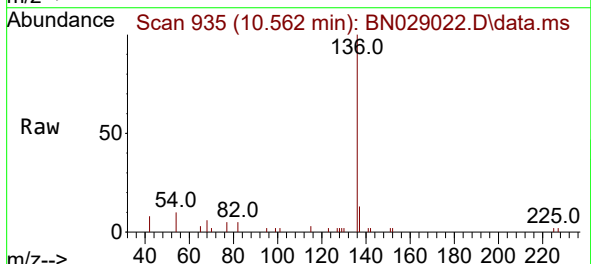
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

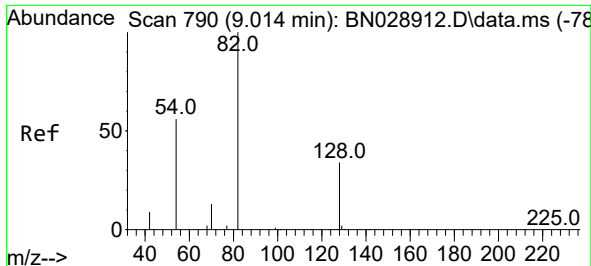
Tgt Ion: 99 Resp: 342
Ion Ratio Lower Upper
99 100
42 69.0 21.2 31.8#
71 56.1 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 136 Resp: 5422
Ion Ratio Lower Upper
136 100
137 12.8 10.6 16.0
54 10.4 7.5 11.3
68 5.6 5.9 8.9#

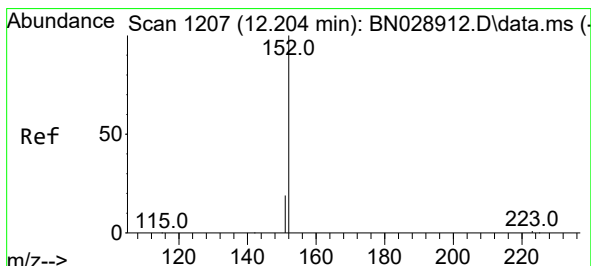
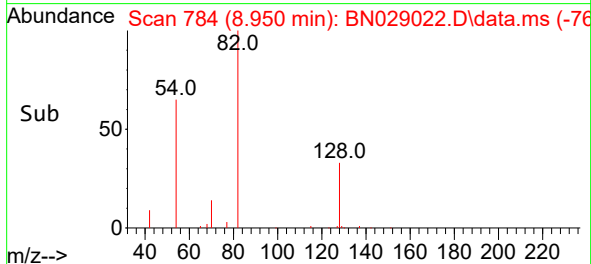
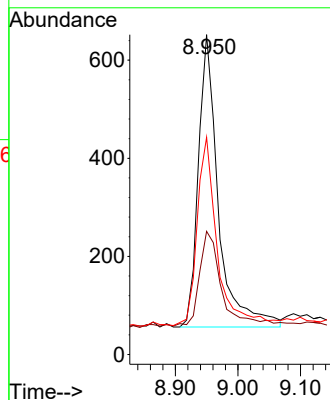
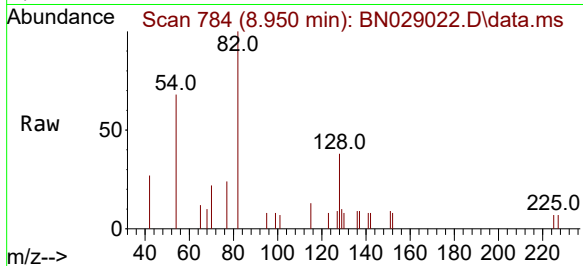




#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

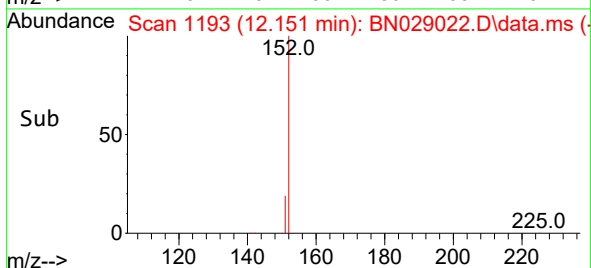
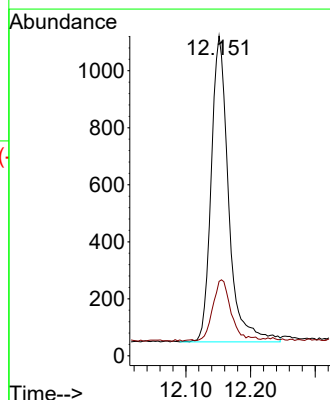
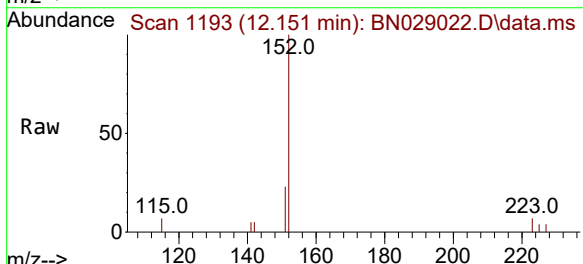
Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

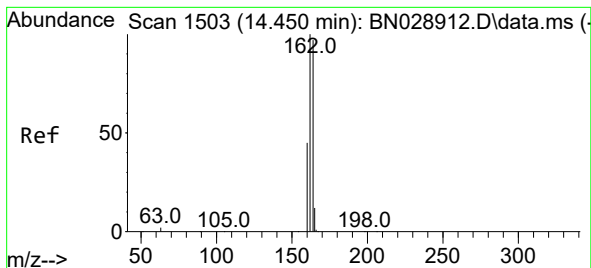
Tgt Ion: 82 Resp: 1327
Ion Ratio Lower Upper
82 100
128 38.5 29.2 43.8
54 67.9 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.230 ng
RT: 12.151 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion: 152 Resp: 2002
Ion Ratio Lower Upper
152 100
151 20.9 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: BN029022.D

Acq: 03 Dec 2023 15:44

Instrument :

BNA_N

ClientSampleId :

RE122D1-20231110

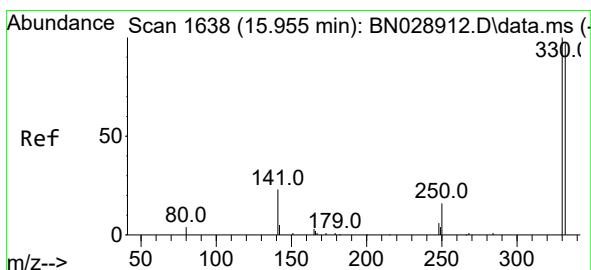
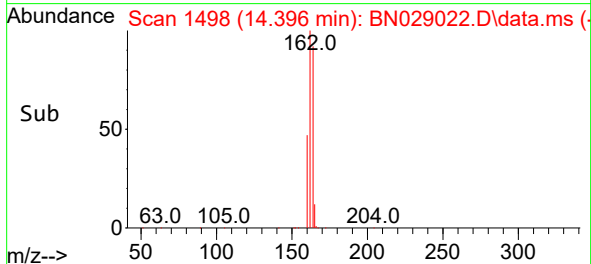
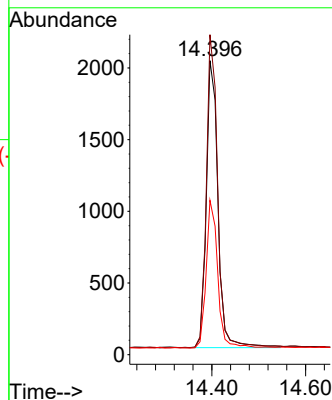
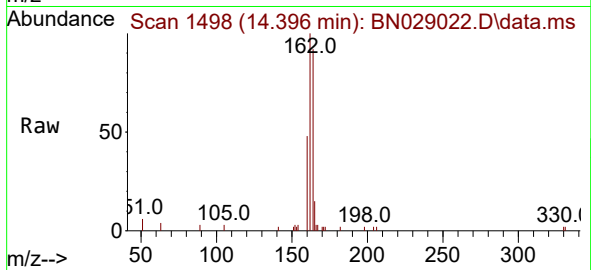
Tgt Ion:164 Resp: 3450

Ion Ratio Lower Upper

164 100

162 108.8 81.7 122.5

160 52.5 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.220 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

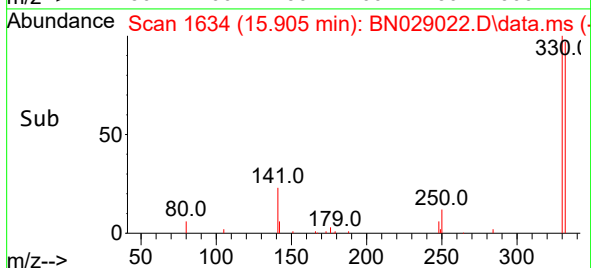
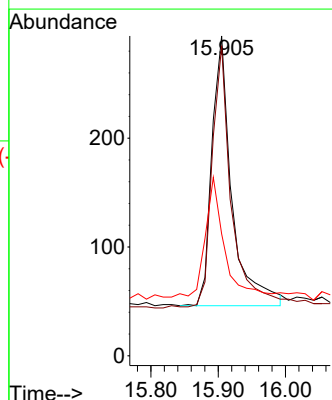
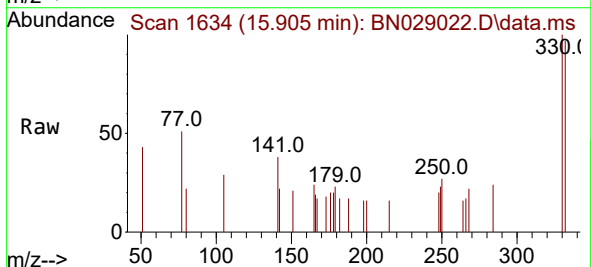
Tgt Ion:330 Resp: 512

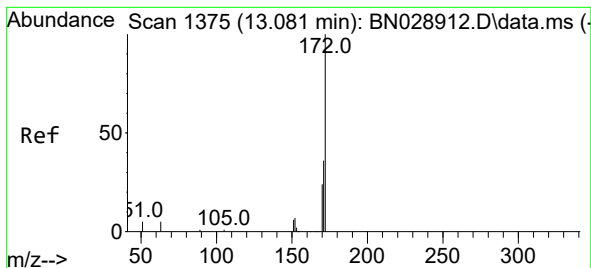
Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

141 41.6 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.264 ng

RT: 13.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

Instrument :

BNA_N

ClientSampleId :

RE122D1-20231110

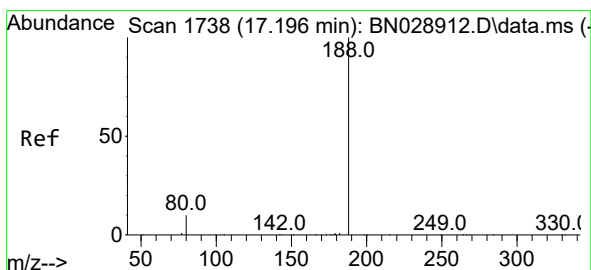
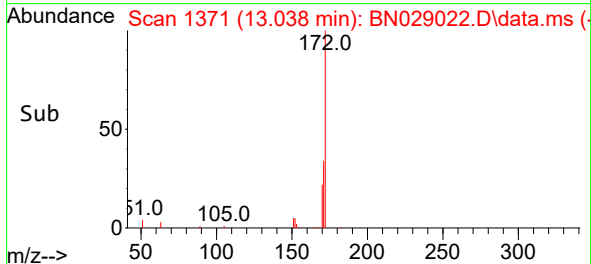
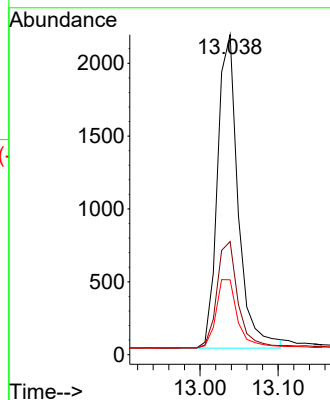
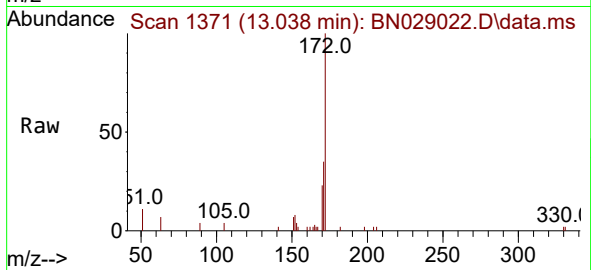
Tgt Ion:172 Resp: 3937

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.4 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: BN029022.D

Acq: 03 Dec 2023 15:44

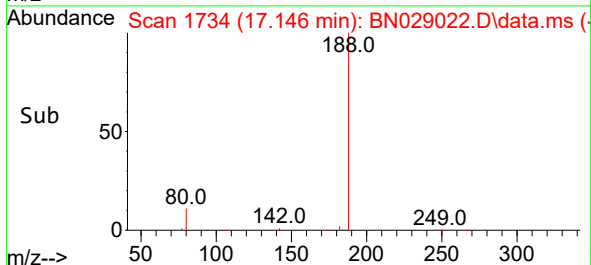
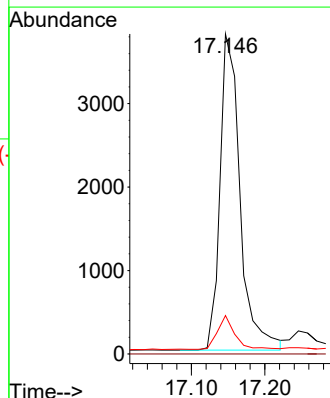
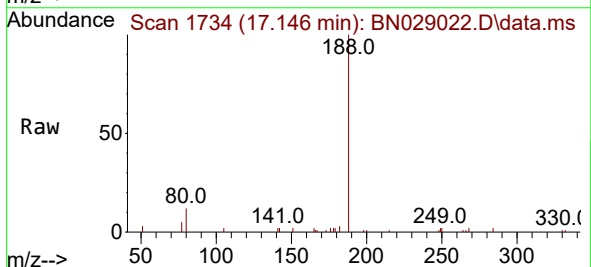
Tgt Ion:188 Resp: 7189

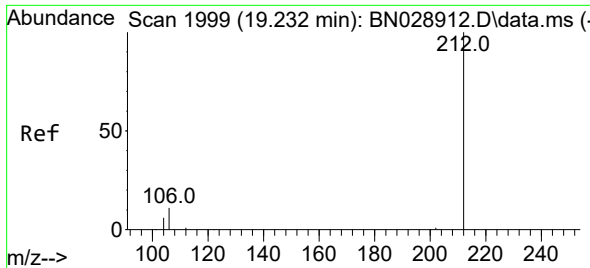
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 9.0 13.6

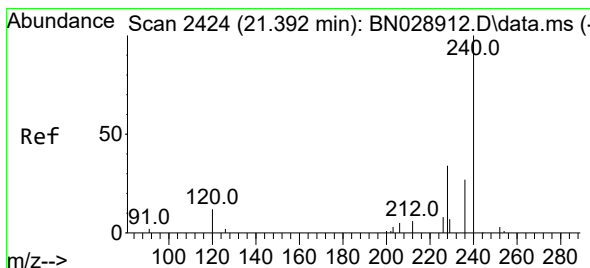
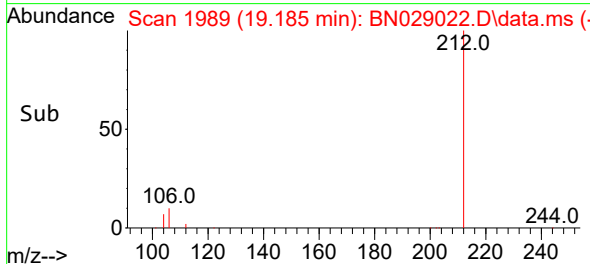
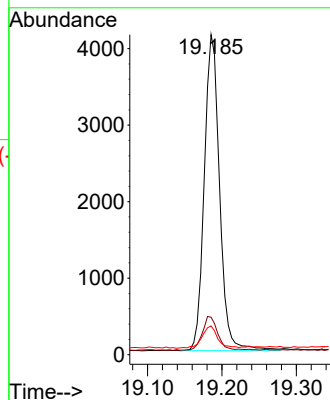
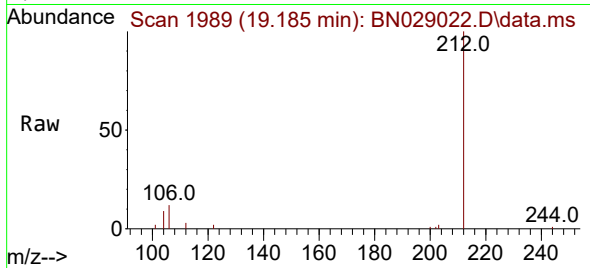




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.185 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

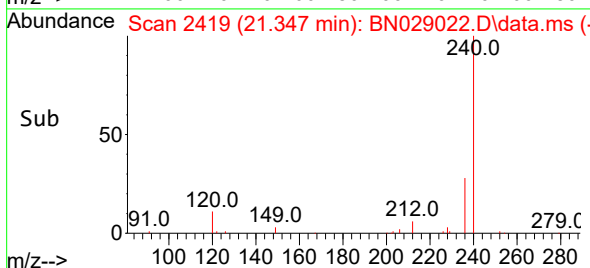
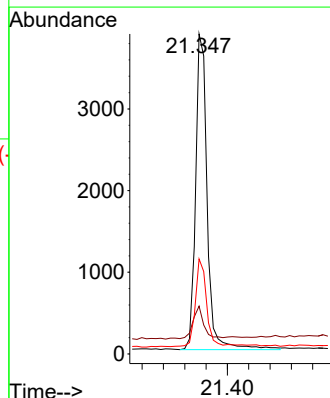
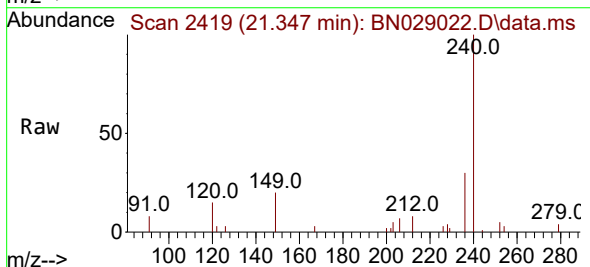
Instrument :
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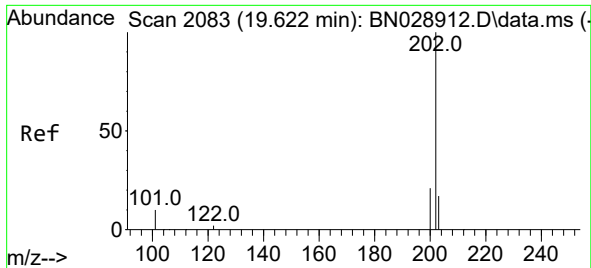
Tgt Ion:212 Resp: 5899
Ion Ratio Lower Upper
212 100
106 10.4 9.4 14.2
104 7.2 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion:240 Resp: 5882
Ion Ratio Lower Upper
240 100
120 15.0 37.1 55.7#
236 29.7 32.4 48.6#





#30

Pyrene

Concen: 0.103 ng

RT: 19.580 min Scan# 20

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

Instrument :

BNA_N

ClientSampleId :

RE122D1-20231110

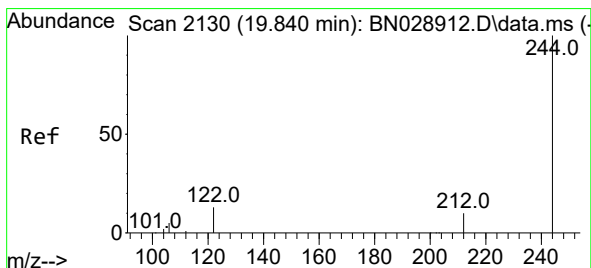
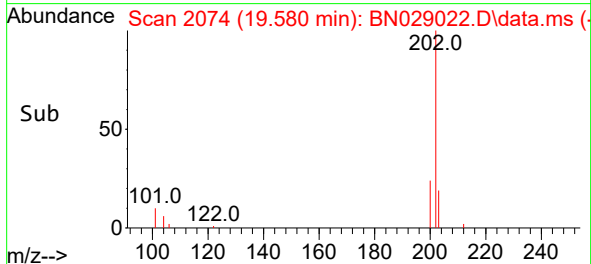
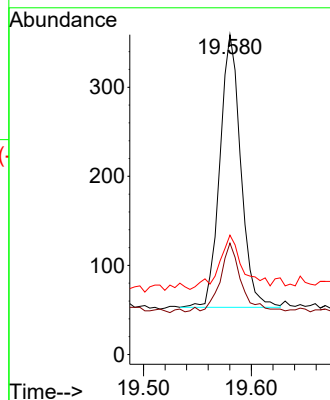
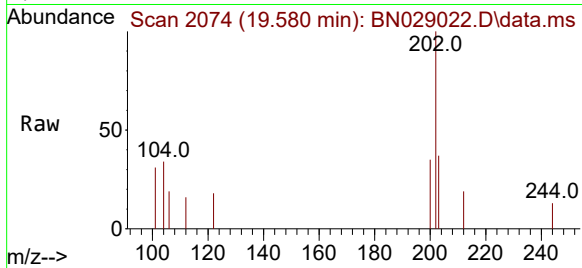
Tgt Ion:202 Resp: 412

Ion Ratio Lower Upper

202 100

200 25.2 16.9 25.3

203 22.6 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.358 ng

RT: 19.794 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN029022.D

Acq: 03 Dec 2023 15:44

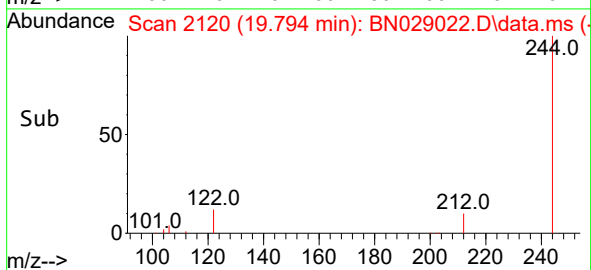
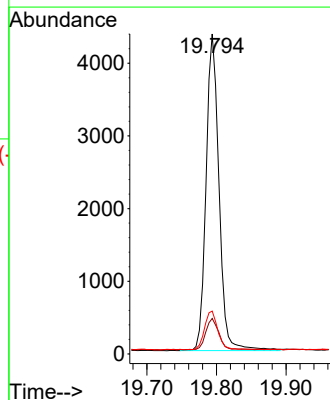
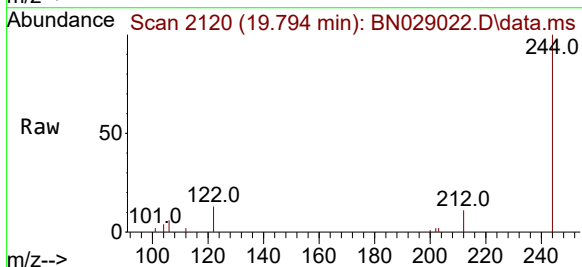
Tgt Ion:244 Resp: 5607

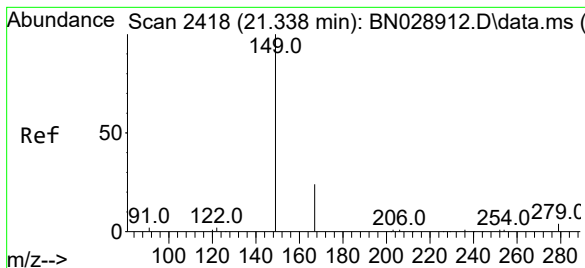
Ion Ratio Lower Upper

244 100

212 11.1 11.5 17.3#

122 13.4 13.2 19.8

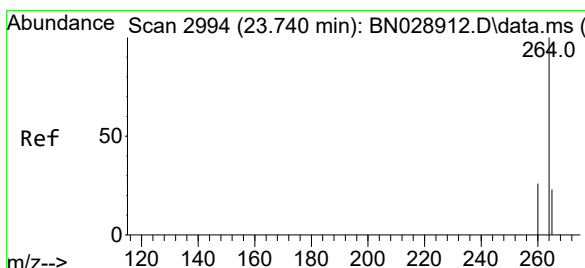
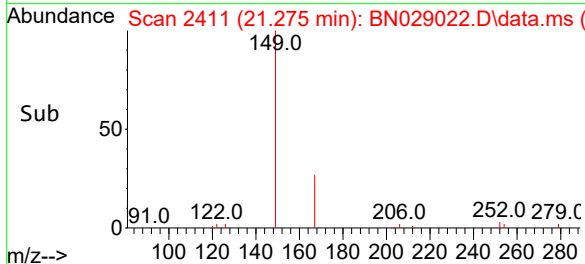
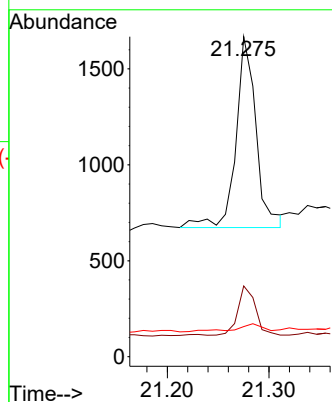
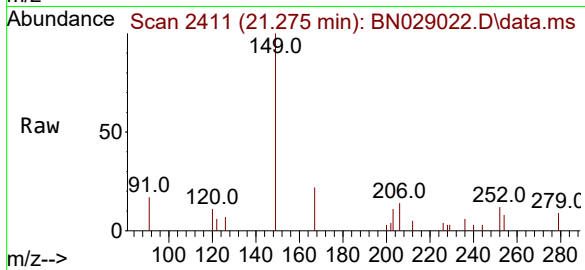




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.275 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Instrument :
BNA_N
ClientSampleId :
RE122D1-20231110

Tgt Ion:149 Resp: 1372
Ion Ratio Lower Upper
149 100
167 22.4 14.9 22.3#
279 5.9 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.672 min Scan# 2971
Delta R.T. 0.003 min
Lab File: BN029022.D
Acq: 03 Dec 2023 15:44

Tgt Ion:264 Resp: 5593
Ion Ratio Lower Upper
264 100
260 26.3 20.6 30.8
265 72.0 464.5 696.7#

