

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029037.D
 Acq On : 04 Dec 2023 03:02
 Operator : MA/JU
 Sample : 05428-03
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113

Quant Time: Dec 04 03:35:28 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)

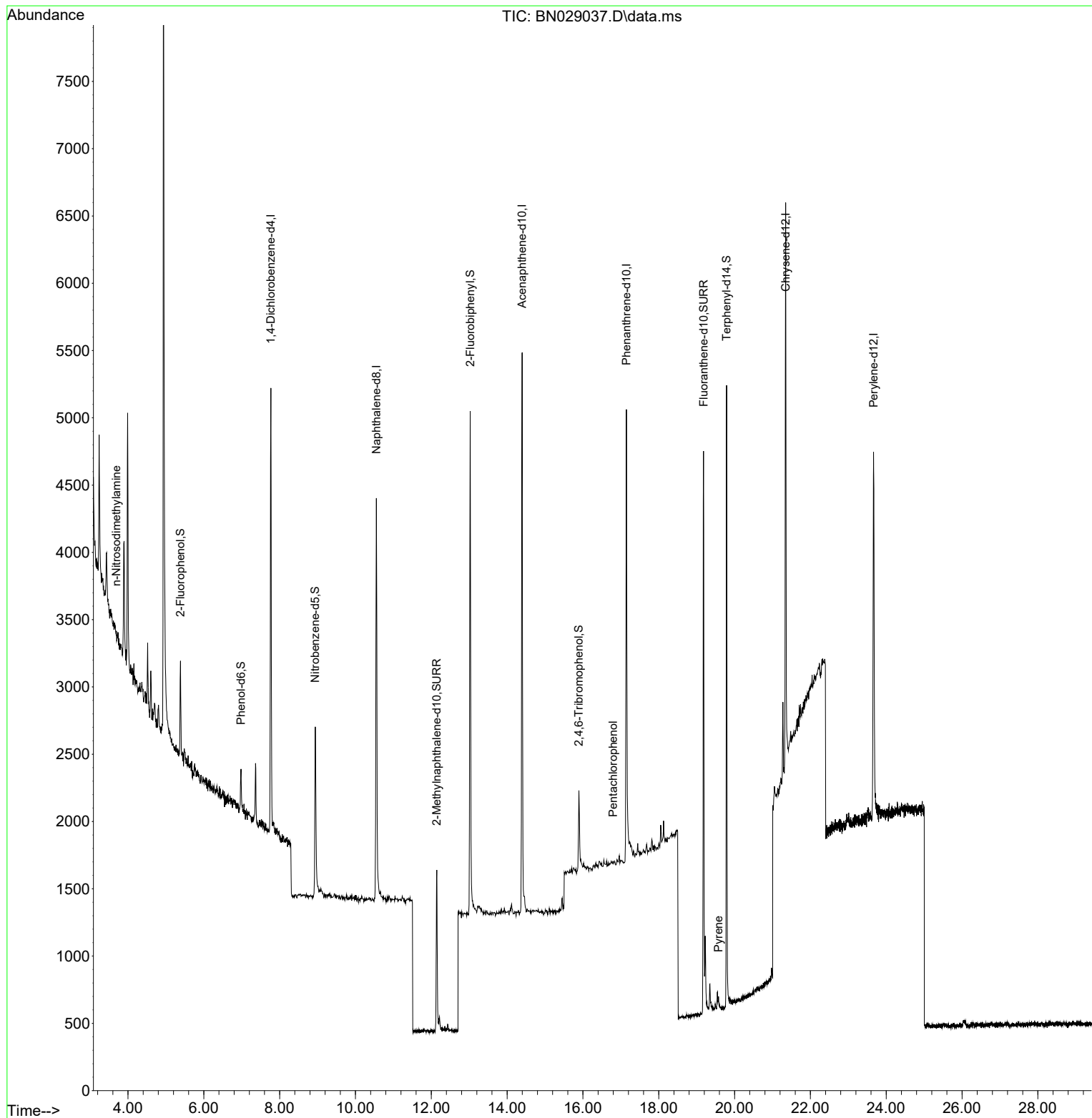
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1551	0.400	ng	-0.01
7) Naphthalene-d8	10.551	136	4144	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	2535	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	5537	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	4107	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	4032	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	484	0.103	ng	-0.01
5) Phenol-d6	6.980	99	283	0.054	ng	0.00
8) Nitrobenzene-d5	8.939	82	1220	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.144	152	1872	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	451	0.263	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	3426	0.313	ng	-0.01
27) Fluoranthene-d10	19.181	212	5146	0.353	ng	0.00
31) Terphenyl-d14	19.789	244	4734	0.403	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.694	42	30	0.104	ng	# 14
24) Pentachlorophenol	16.799	266	44	0.020	ng	# 70
30) Pyrene	19.576	202	85	0.097	ng	94
34) Bis(2-ethylhexyl)phtha...	21.275	149	637	Below Cal	#	95

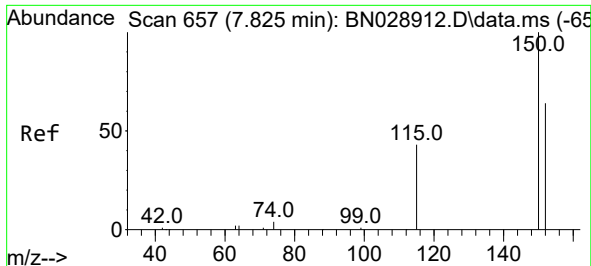
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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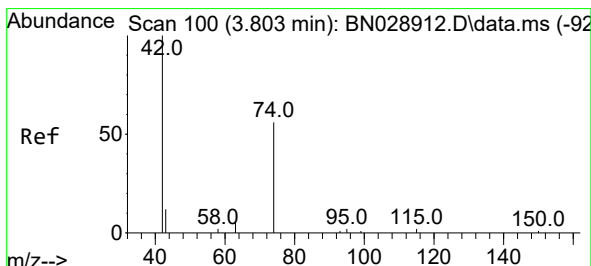
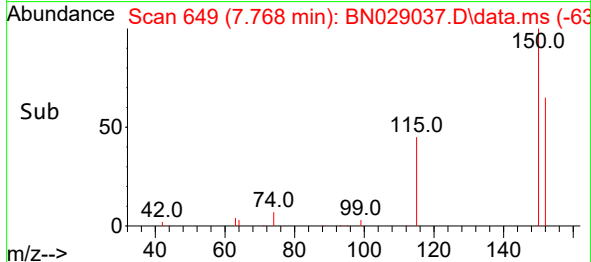
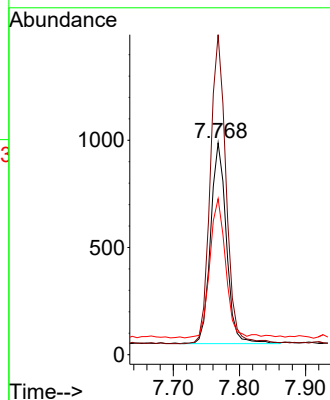
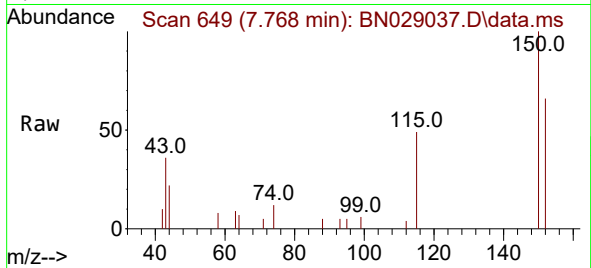




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

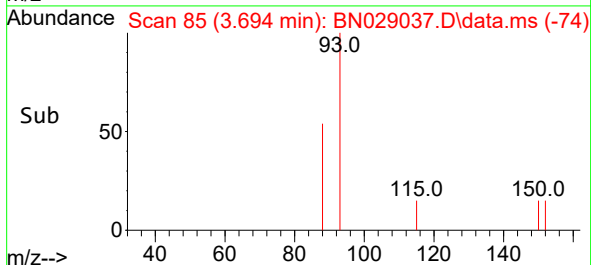
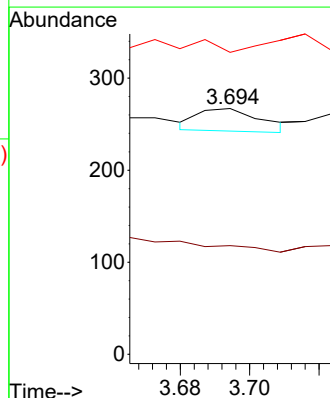
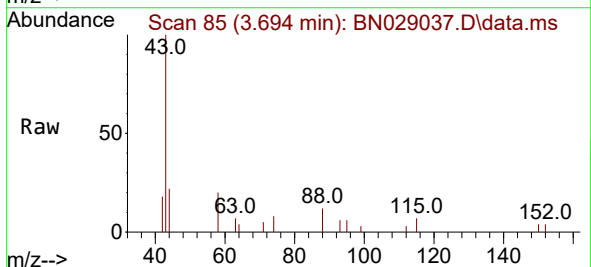
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

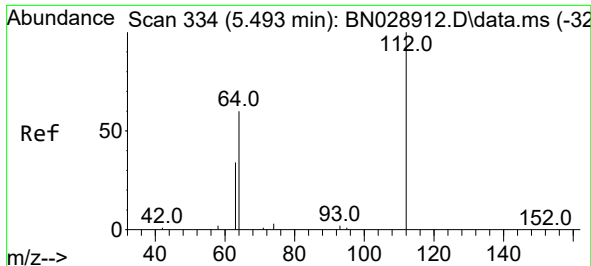
Tgt Ion:152 Resp: 1551
Ion Ratio Lower Upper
152 100
150 151.1 123.4 185.2
115 73.7 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.694 min Scan# 85
Delta R.T. -0.022 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0

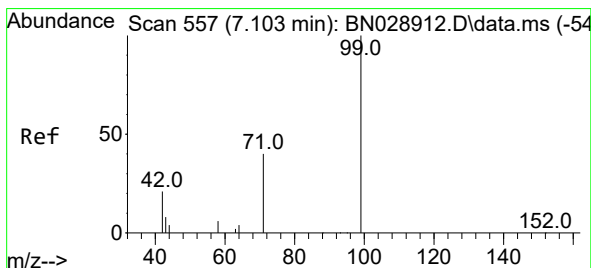
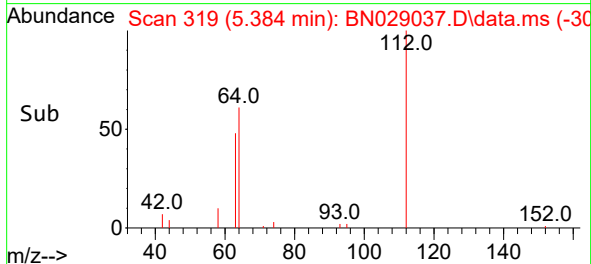
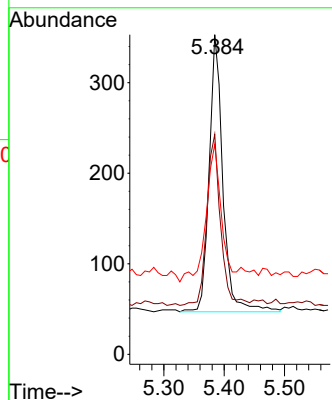
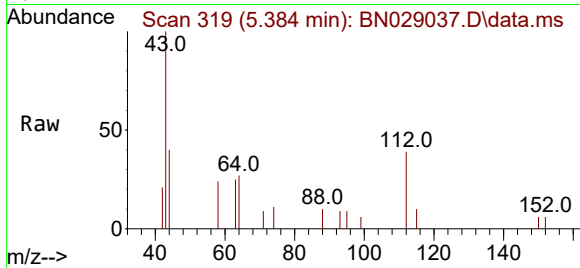




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

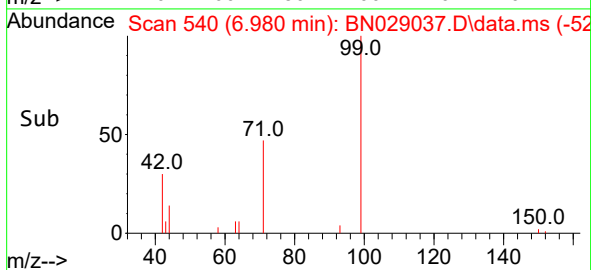
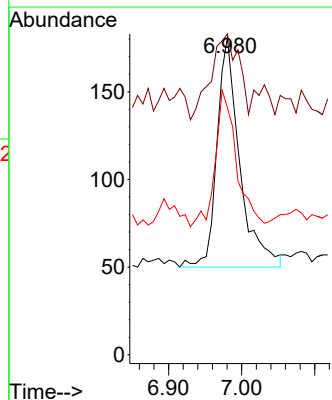
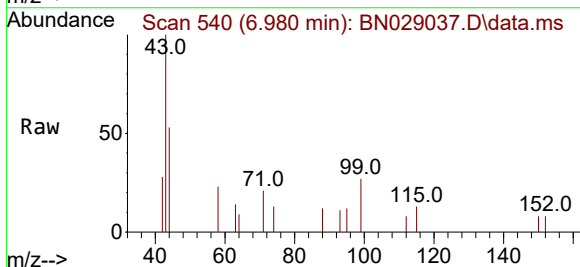
Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

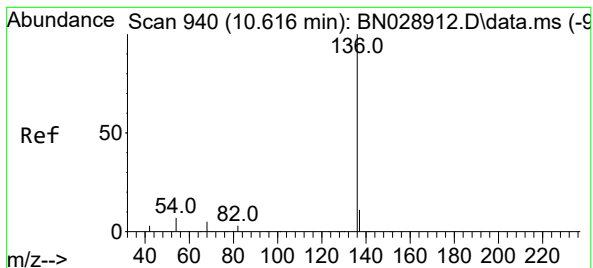
Tgt Ion:112 Resp: 484
Ion Ratio Lower Upper
112 100
64 61.2 51.5 77.3
63 55.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

Tgt Ion: 99 Resp: 283
Ion Ratio Lower Upper
99 100
42 45.9 21.2 31.8#
71 55.1 35.4 53.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.551 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

Instrument :

BNA_N

ClientSampleId :

RE120D3-20231113

Tgt Ion:136 Resp: 4144

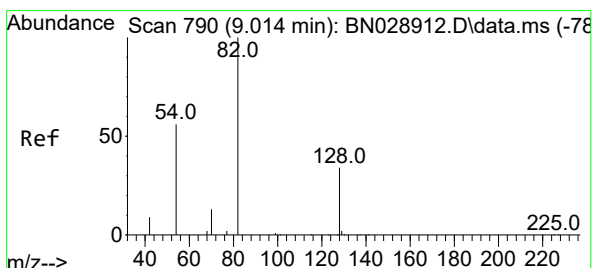
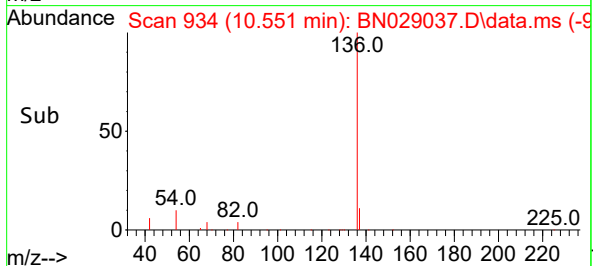
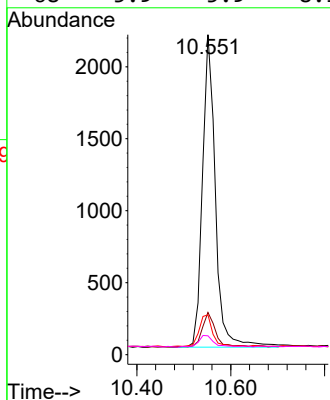
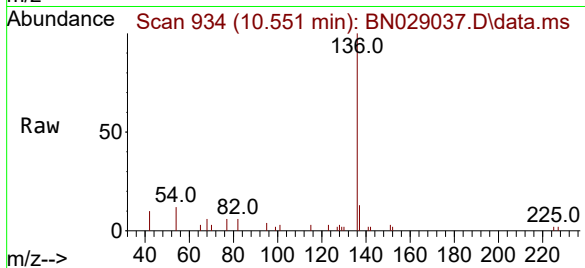
Ion Ratio Lower Upper

136 100

137 13.2 10.6 16.0

54 12.4 7.5 11.3#

68 5.9 5.9 8.9#



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.939 min Scan# 783

Delta R.T. -0.011 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

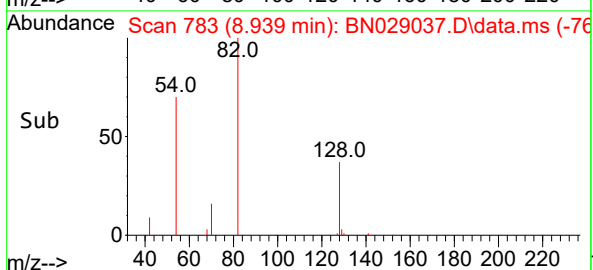
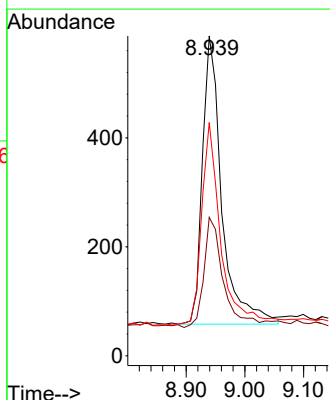
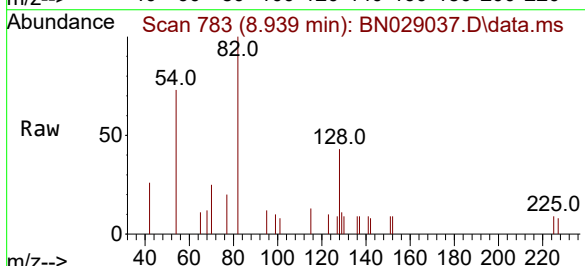
Tgt Ion: 82 Resp: 1220

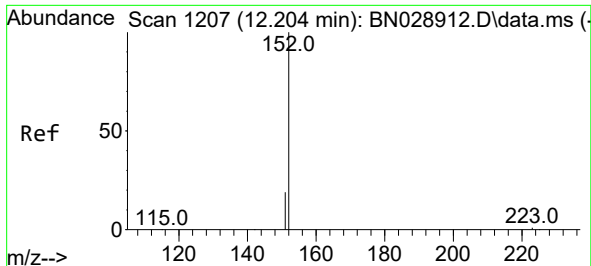
Ion Ratio Lower Upper

82 100

128 43.3 29.2 43.8

54 72.9 47.0 70.6#

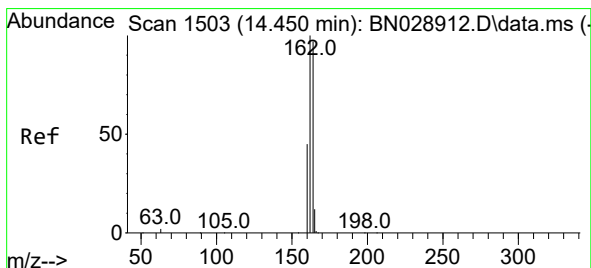
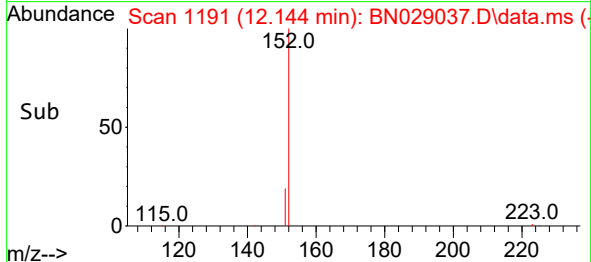
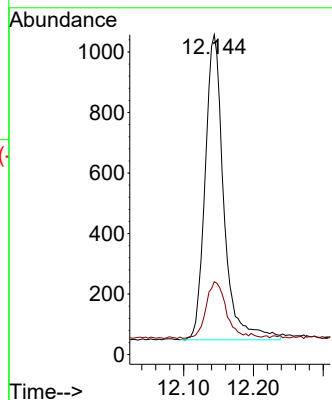
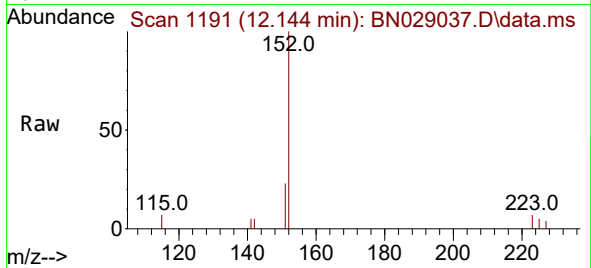




#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.008 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

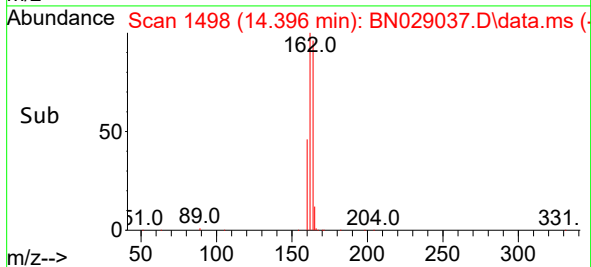
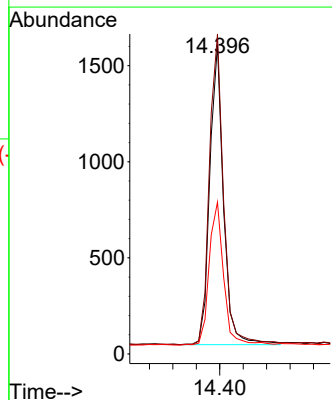
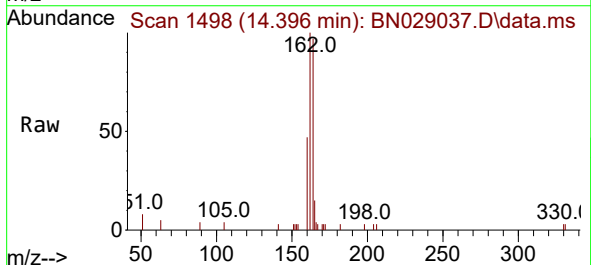
Instrument :
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RE120D3-20231113

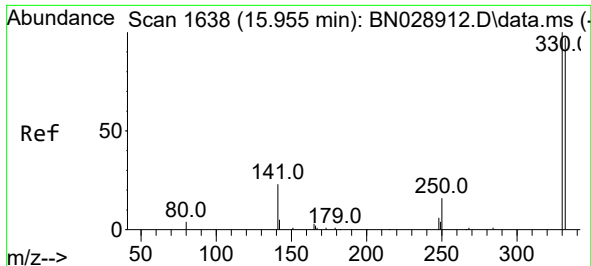
Tgt Ion:152 Resp: 1872
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

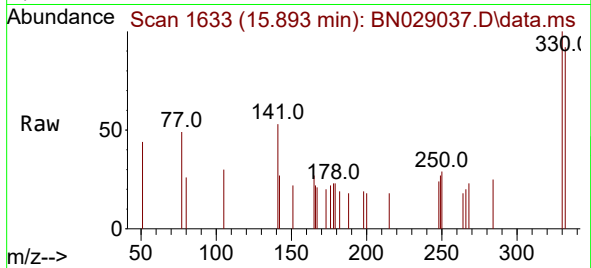
Tgt Ion:164 Resp: 2535
Ion Ratio Lower Upper
164 100
162 103.5 81.7 122.5
160 49.1 37.0 55.6



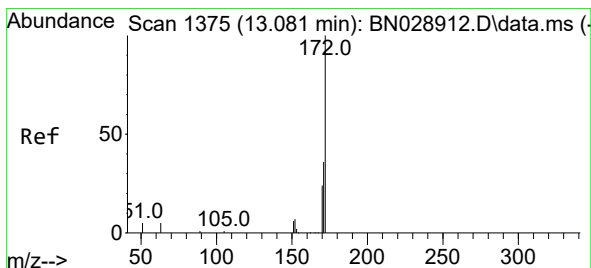
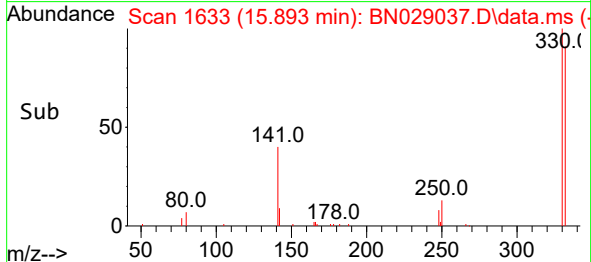
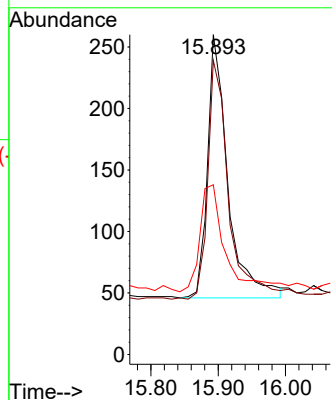


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.893 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

Instrument :
BNA_N
ClientSampleId :
RE120D3-20231113

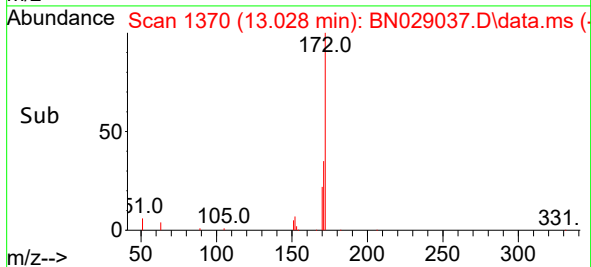
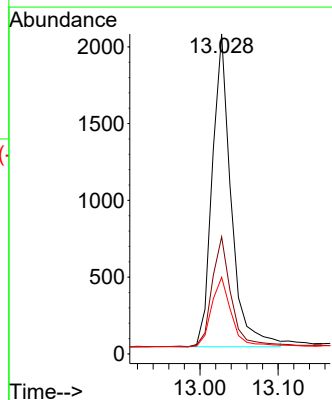
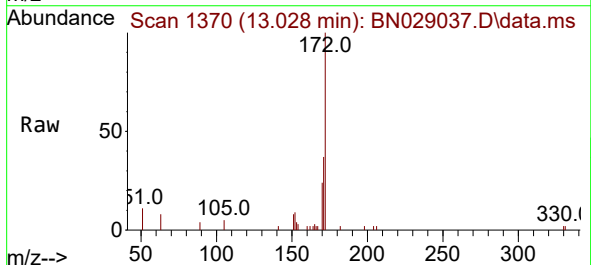


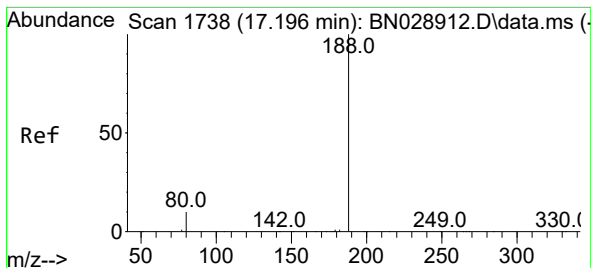
Tgt Ion: 330 Resp: 451
Ion Ratio Lower Upper
330 100
332 92.9 75.4 113.2
141 49.9 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

Tgt Ion: 172 Resp: 3426
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.146 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

Instrument :

BNA_N

ClientSampleId :

RE120D3-20231113

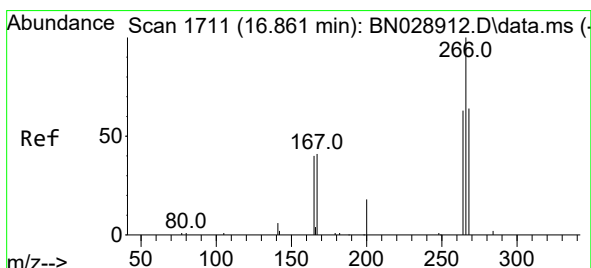
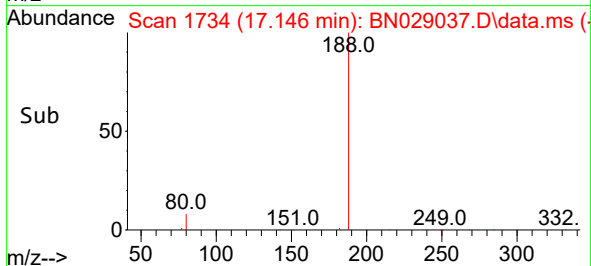
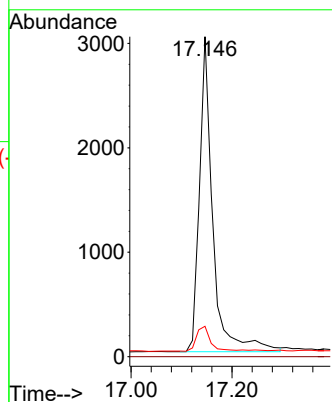
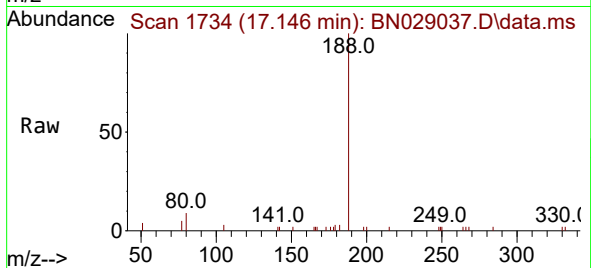
Tgt Ion:188 Resp: 5537

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 9.0 13.6



#24

Pentachlorophenol

Concen: 0.020 ng

RT: 16.799 min Scan# 1706

Delta R.T. -0.013 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

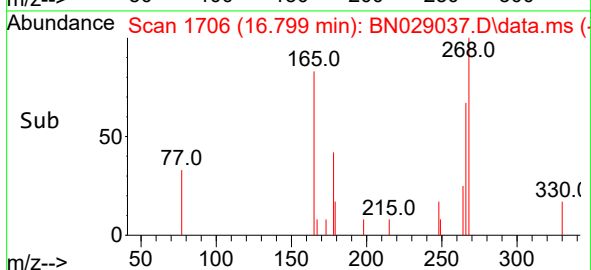
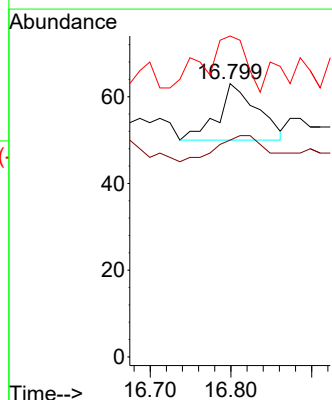
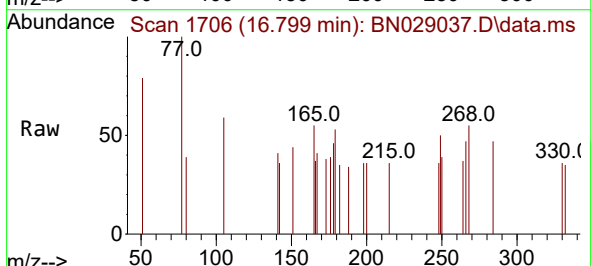
Tgt Ion:266 Resp: 44

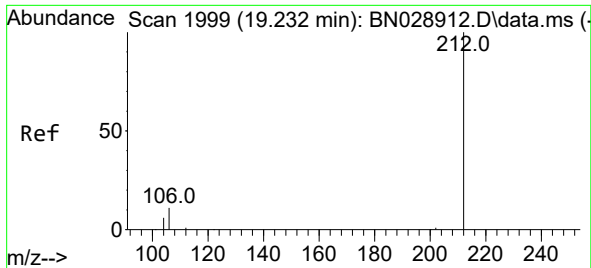
Ion Ratio Lower Upper

266 100

264 56.8 50.7 76.1

268 109.1 54.9 82.3#

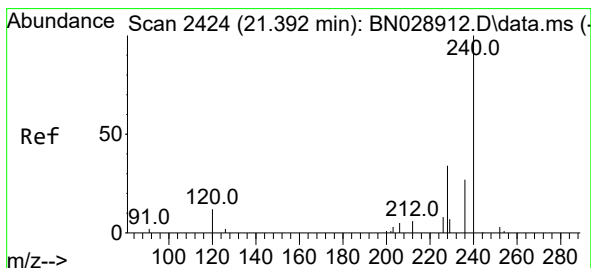
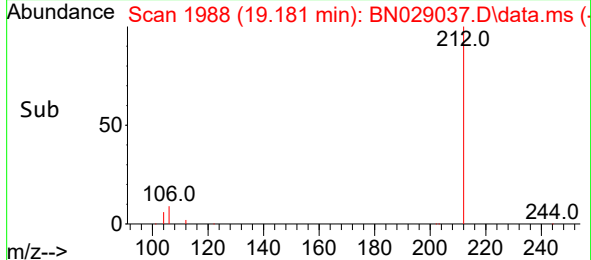
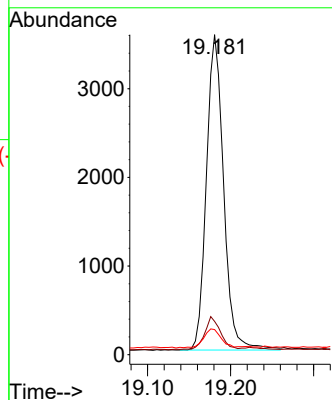
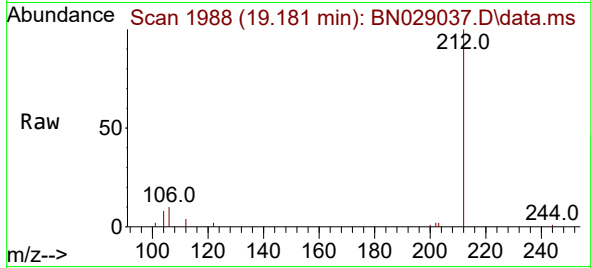




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.181 min Scan# 1919
Delta R.T. -0.009 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

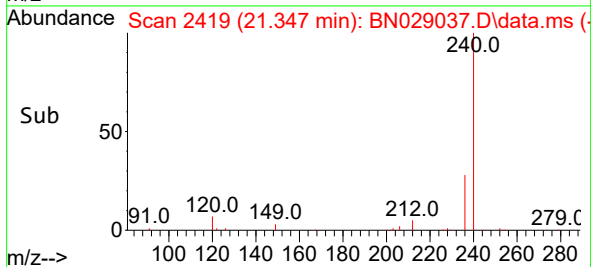
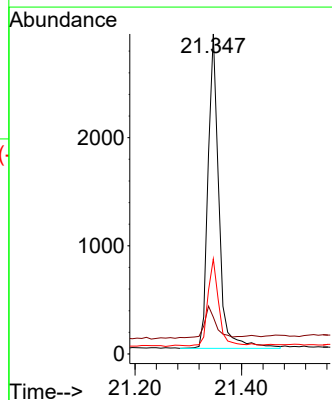
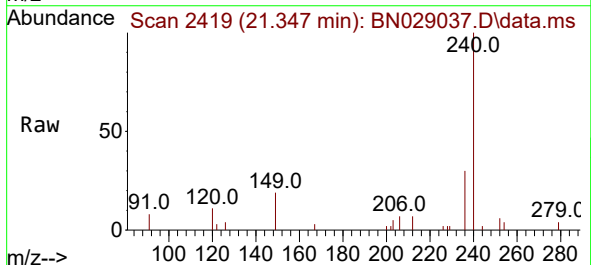
Instrument :
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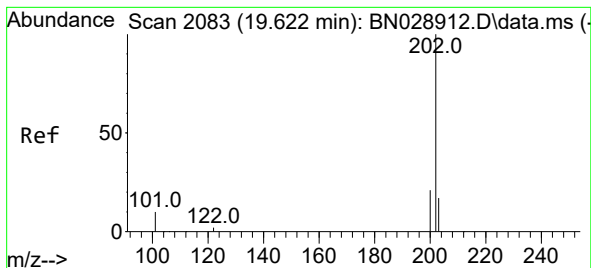
Tgt Ion:212 Resp: 5146
Ion Ratio Lower Upper
212 100
106 9.6 9.4 14.2
104 6.1 6.2 9.2#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029037.D
Acq: 04 Dec 2023 03:02

Tgt Ion:240 Resp: 4107
Ion Ratio Lower Upper
240 100
120 11.5 37.1 55.7#
236 29.7 32.4 48.6#





#30

Pyrene

Concen: 0.097 ng

RT: 19.576 min Scan# 2083

Delta R.T. -0.005 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

Instrument :

BNA_N

ClientSampleId :

RE120D3-20231113

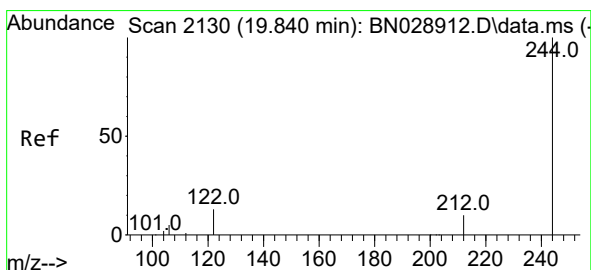
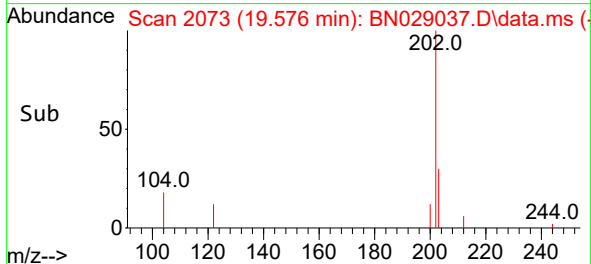
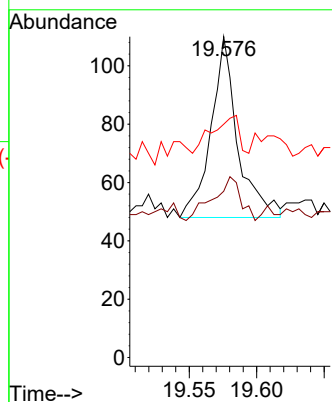
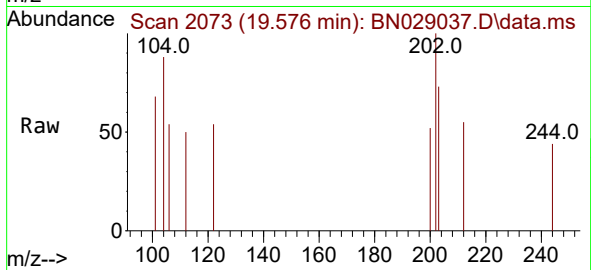
Tgt Ion:202 Resp: 85

Ion Ratio Lower Upper

202 100

200 24.7 16.9 25.3

203 20.0 14.8 22.2



#31

Terphenyl-d14

Concen: 0.403 ng

RT: 19.789 min Scan# 2119

Delta R.T. -0.005 min

Lab File: BN029037.D

Acq: 04 Dec 2023 03:02

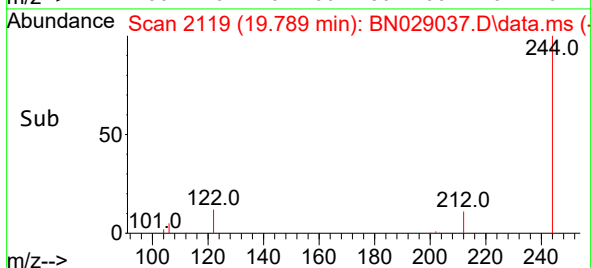
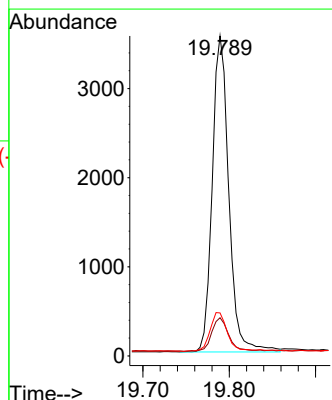
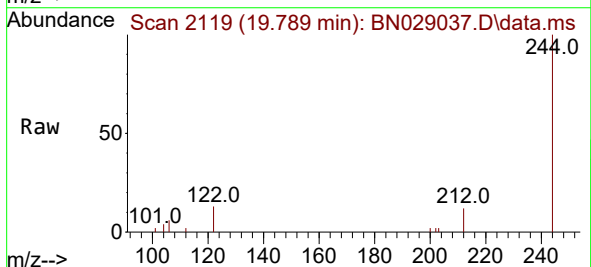
Tgt Ion:244 Resp: 4734

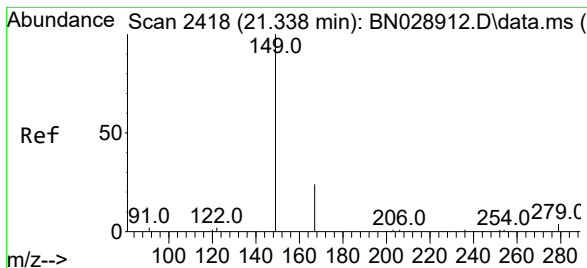
Ion Ratio Lower Upper

244 100

212 11.9 11.5 17.3

122 13.5 13.2 19.8

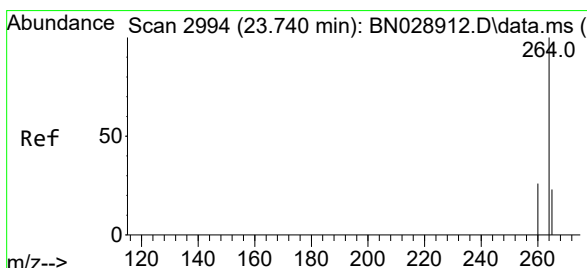
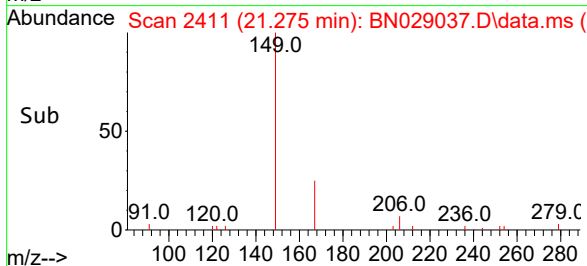
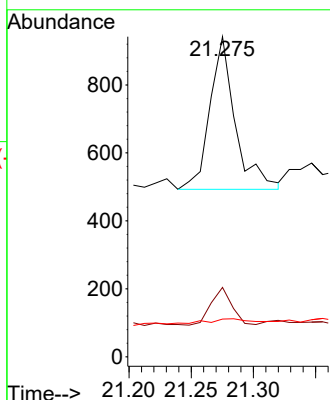
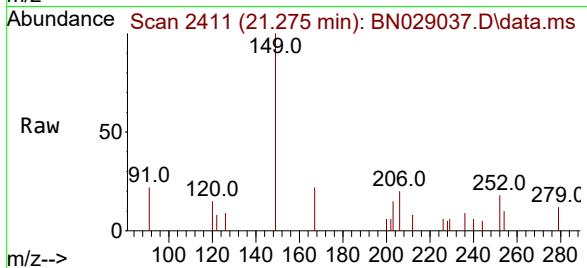




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.275 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN029037.D
 Acq: 04 Dec 2023 03:02

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20231113

Tgt Ion:149 Resp: 637
 Ion Ratio Lower Upper
 149 100
 167 20.4 14.9 22.3
 279 5.8 6.3 9.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029037.D
 Acq: 04 Dec 2023 03:02

Tgt Ion:264 Resp: 4032
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.6 30.8
 265 74.1 464.5 696.7#

