

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
 Data File : BN036462.D
 Acq On : 13 Feb 2025 11:36
 Operator : RC/JU
 Sample : Q1325-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 13 12:31:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

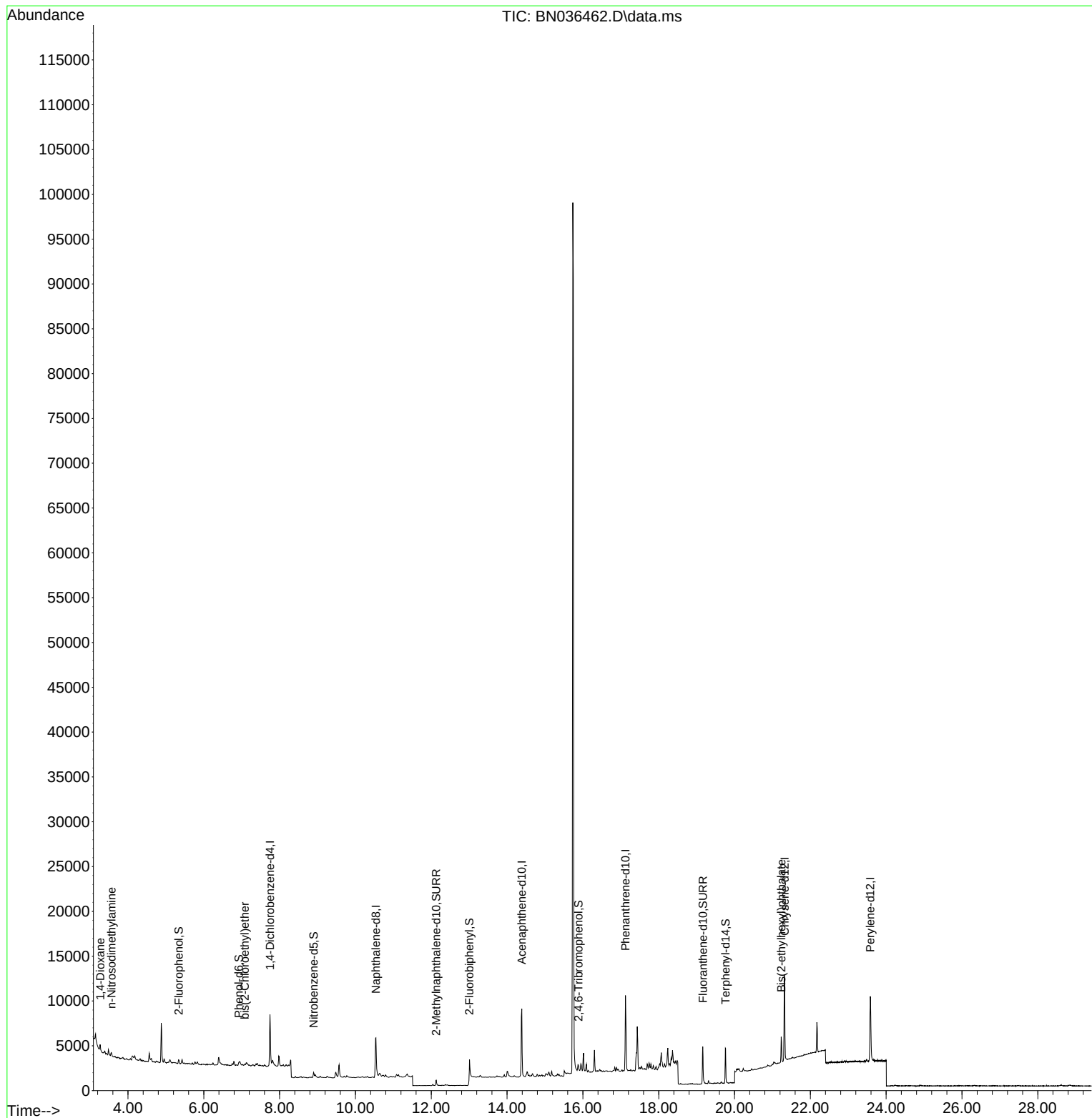
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2628	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	6816	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	4700	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	10894	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	9809	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	9858	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	347	0.056	ng	0.00
5) Phenol-d6	6.923	99	324	0.044	ng	-0.01
8) Nitrobenzene-d5	8.897	82	575	0.085	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	945	0.090	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	409	0.176	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	1933	0.109	ng	-0.01
27) Fluoranthene-d10	19.164	212	4664	0.154	ng	0.00
31) Terphenyl-d14	19.764	244	3951	0.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	413	0.144	ng	# 79
3) n-Nitrosodimethylamine	3.565	42	128	0.026	ng	# 9
6) bis(2-Chloroethyl)ether	7.082	93	255	0.033	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.232	149	2597	0.129	ng	# 90

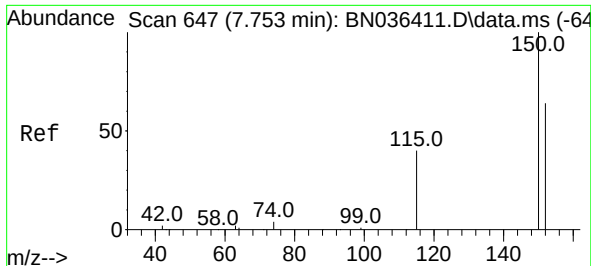
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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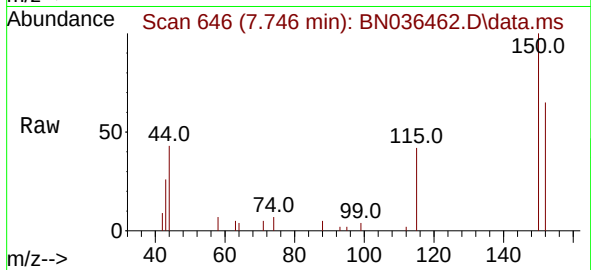
Quant Time: Feb 13 12:31:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
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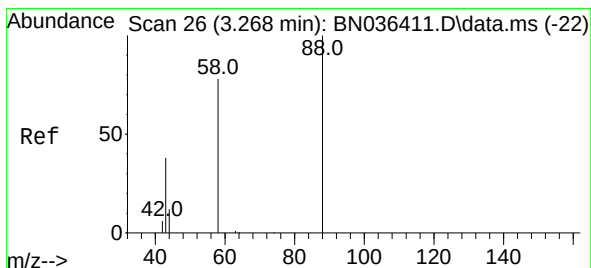
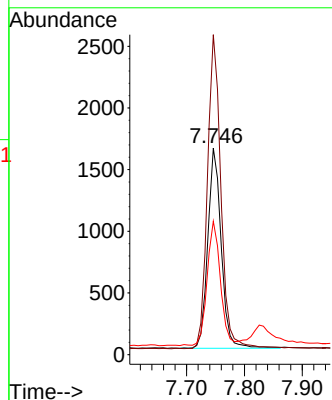
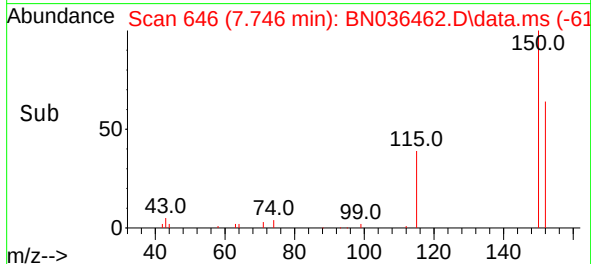


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Instrument :
BNA_N
ClientSampleId :

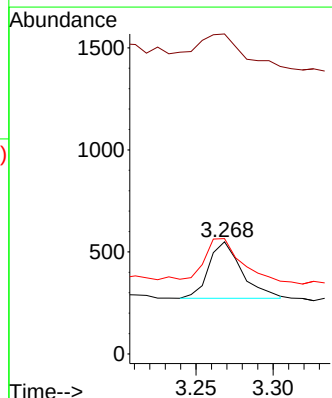
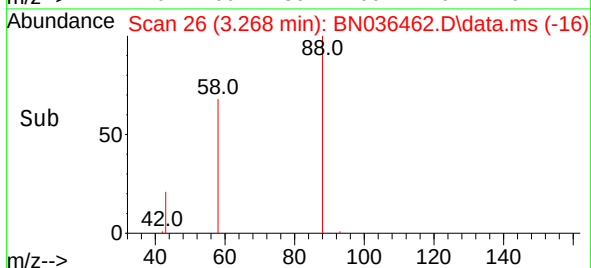
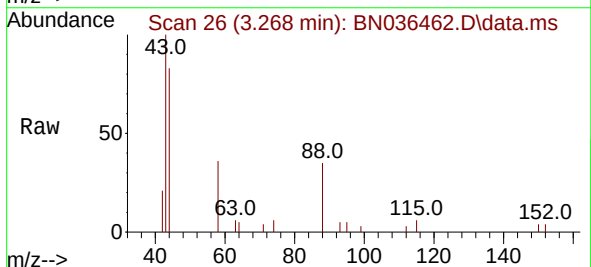


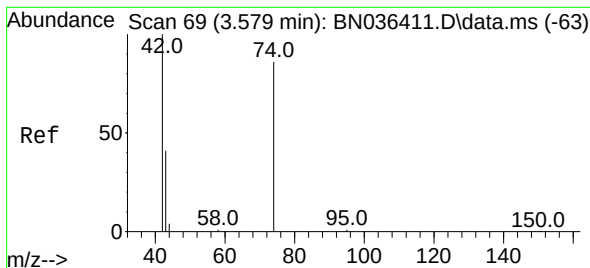
Tgt Ion:152 Resp: 2628
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 64.6 52.5 78.7



#2
1,4-Dioxane
Concen: 0.144 ng
RT: 3.268 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
43 73.8 33.7 50.5#
58 79.4 68.9 103.3





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.565 min Scan# 61

Delta R.T. -0.014 min

Lab File: BN036462.D

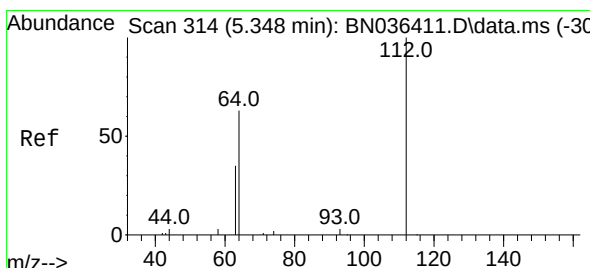
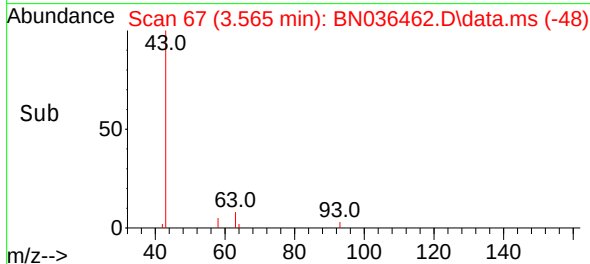
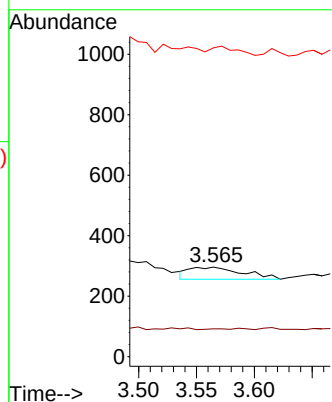
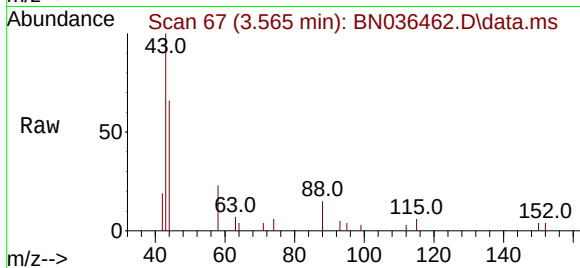
Acq: 13 Feb 2025 11:36

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	42	Resp:	128
Ion	Ratio	Lower	Upper
42	100		
74	1.6	71.8	107.6#
44	35.2	7.8	11.6#



#4

2-Fluorophenol

Concen: 0.056 ng

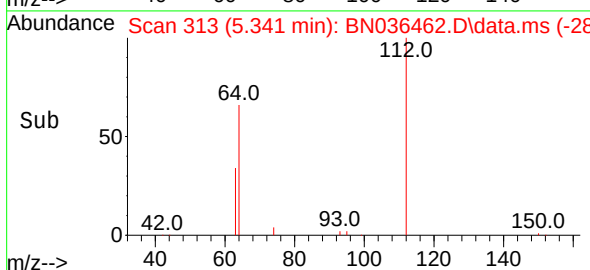
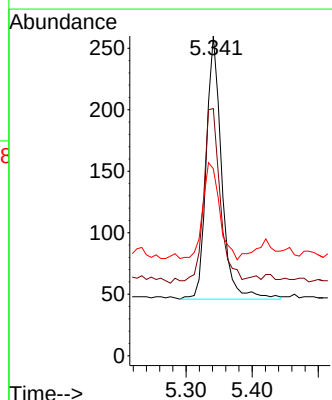
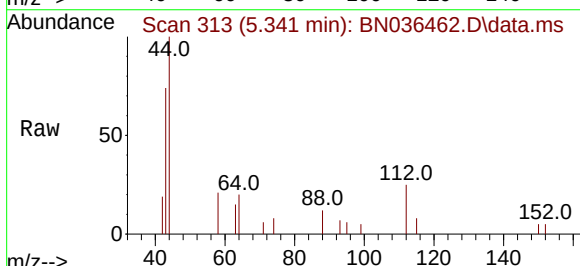
RT: 5.341 min Scan# 313

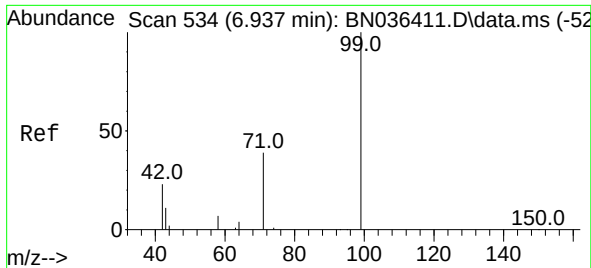
Delta R.T. -0.007 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

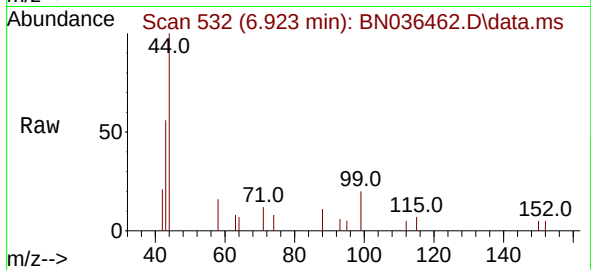
Tgt Ion:	112	Resp:	347
Ion	Ratio	Lower	Upper
112	100		
64	72.3	53.4	80.0
63	39.2	30.3	45.5



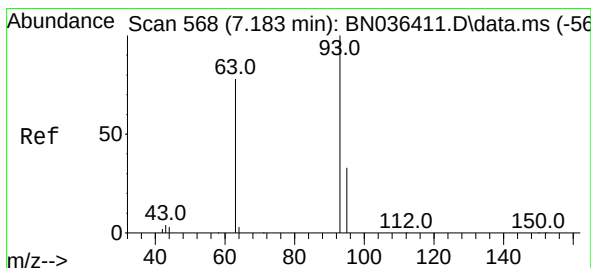
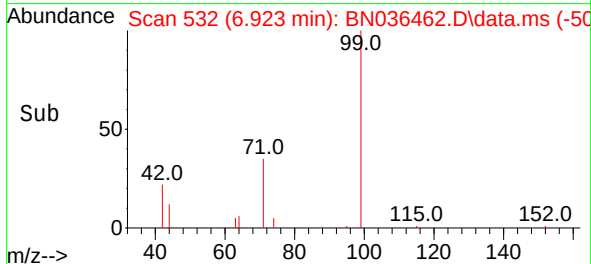
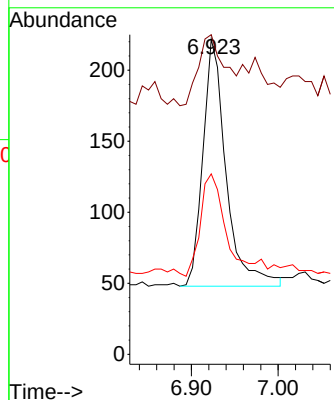


#5
Phenol-d6
Concen: 0.044 ng
RT: 6.923 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Instrument :
BNA_N
ClientSampleId :

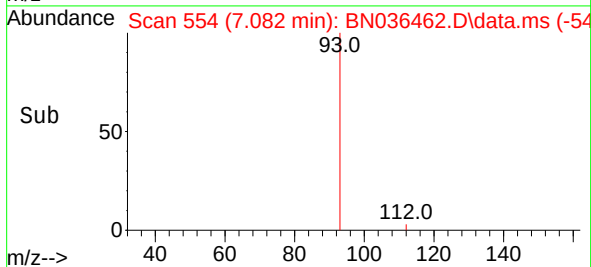
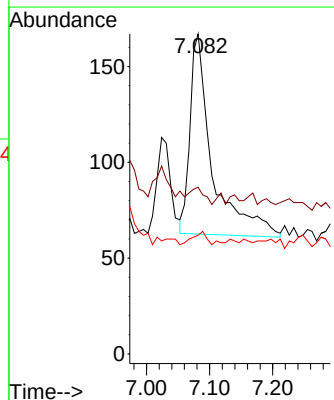
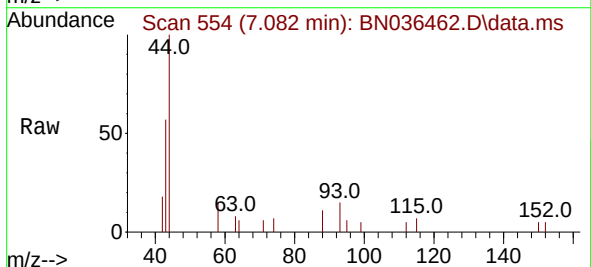


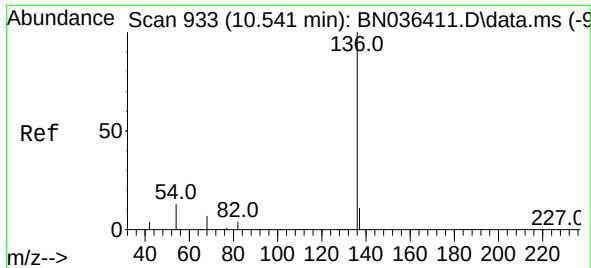
Tgt Ion: 99 Resp: 324
Ion Ratio Lower Upper
99 100
42 33.6 21.7 32.5#
71 49.1 32.6 49.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.082 min Scan# 554
Delta R.T. -0.101 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion: 93 Resp: 255
Ion Ratio Lower Upper
93 100
63 5.5 66.3 99.5#
95 3.9 26.2 39.4#

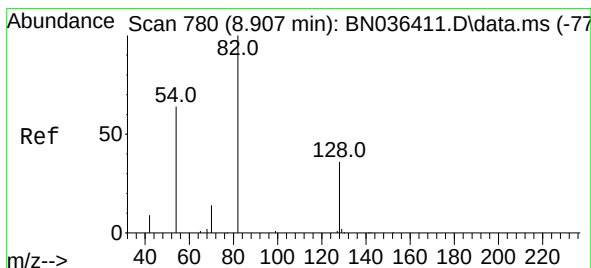
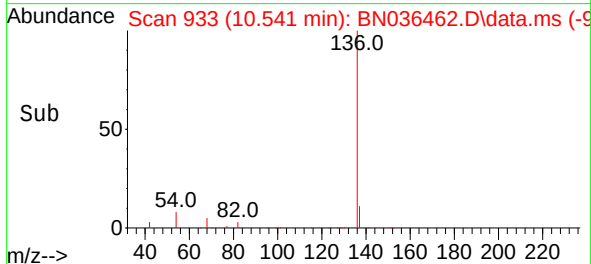
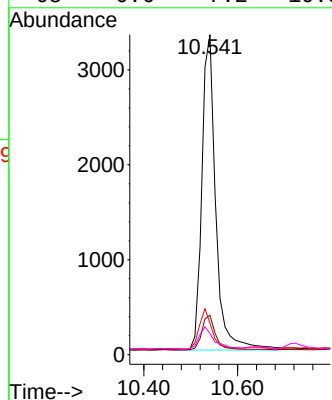
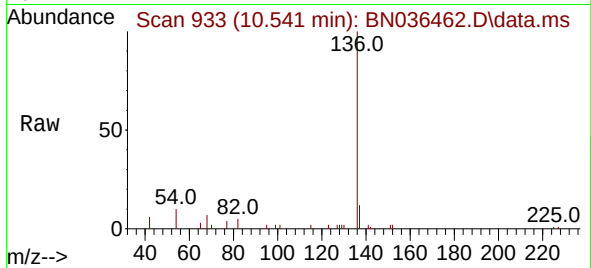




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

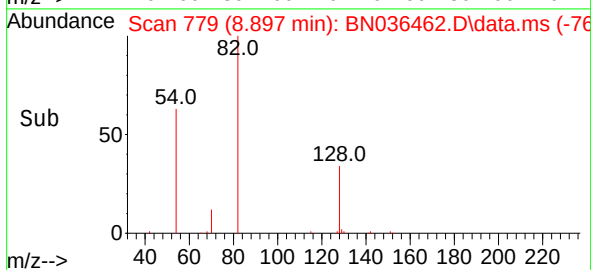
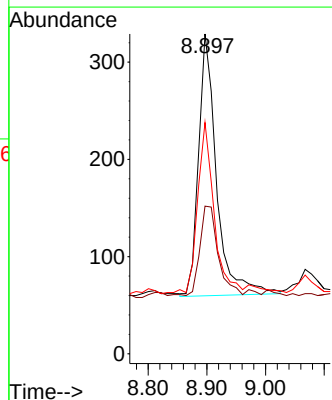
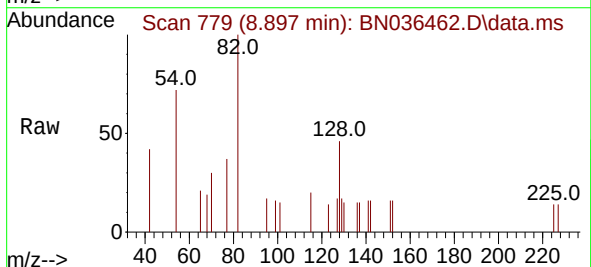
Instrument :
BNA_N
ClientSampleId :

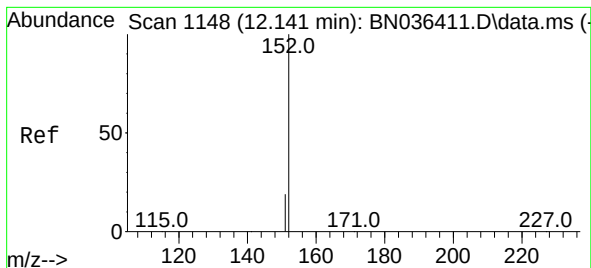
Tgt Ion:	136	Resp:	6816
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	9.9	11.8	17.6#
68	6.6	7.2	10.8#



#8
Nitrobenzene-d5
Concen: 0.085 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion:	82	Resp:	575
Ion	Ratio	Lower	Upper
82	100		
128	46.2	31.9	47.9
54	72.3	53.1	79.7

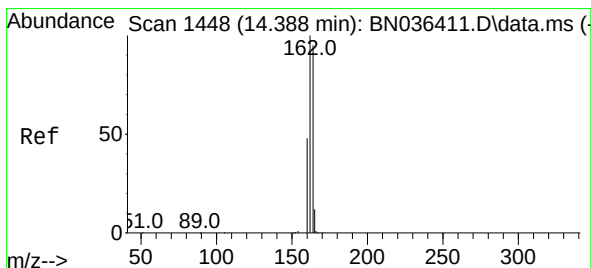
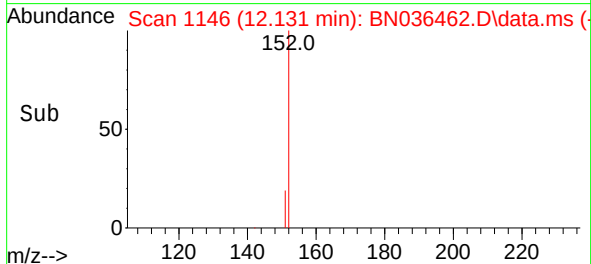
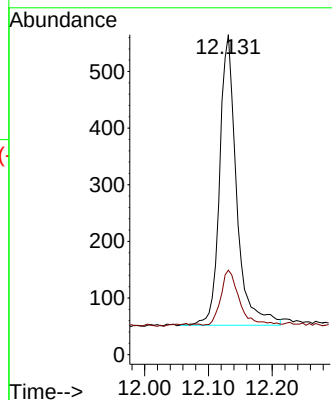
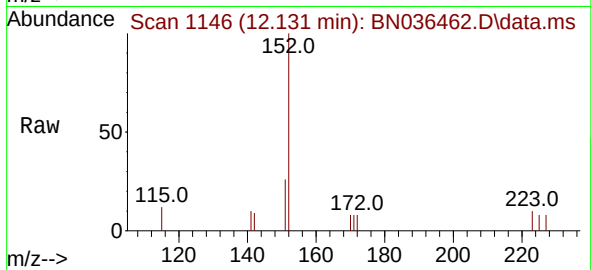




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

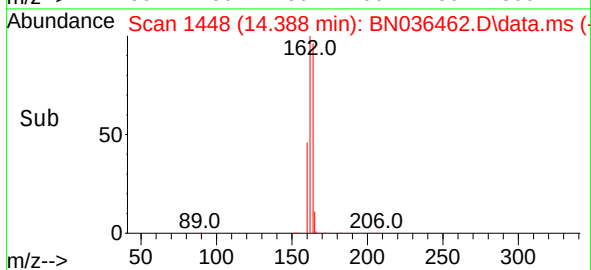
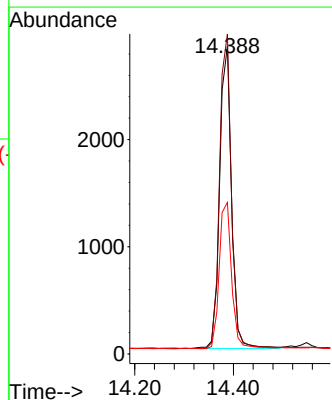
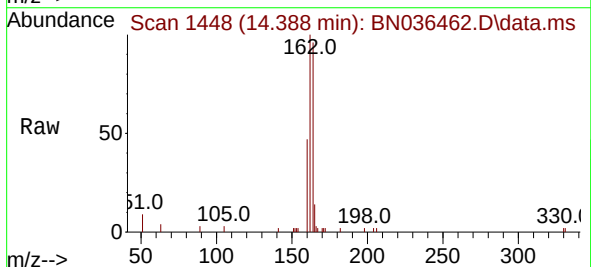
Instrument :
BNA_N
ClientSampleId :

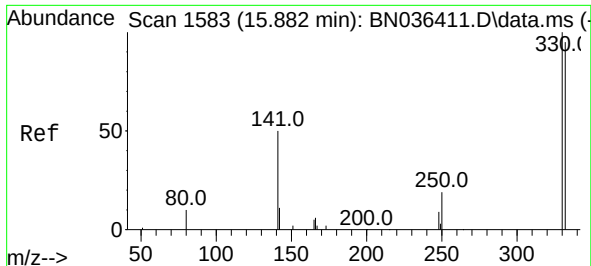
Tgt Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion:164 Resp: 4700
Ion Ratio Lower Upper
164 100
162 104.0 84.1 126.1
160 49.2 41.4 62.0





#14

2,4,6-Tribromophenol

Concen: 0.176 ng

RT: 15.883 min Scan# 1

Delta R.T. 0.000 min

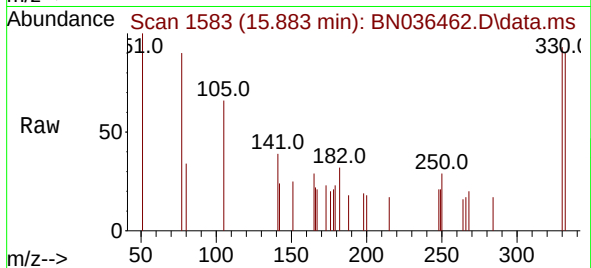
Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

Instrument :

BNA_N

ClientSampleId :



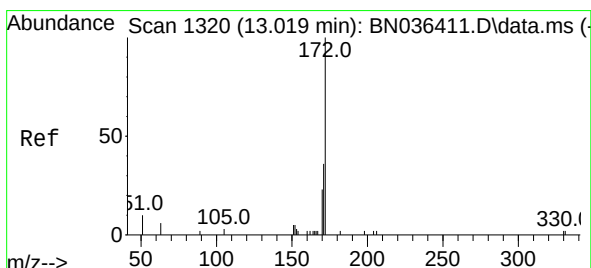
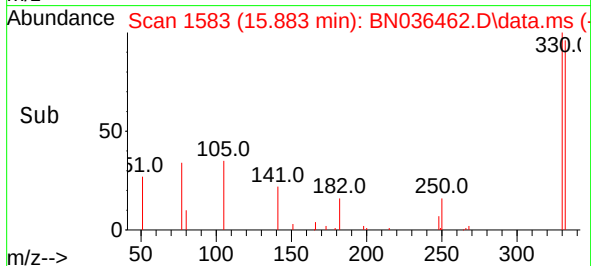
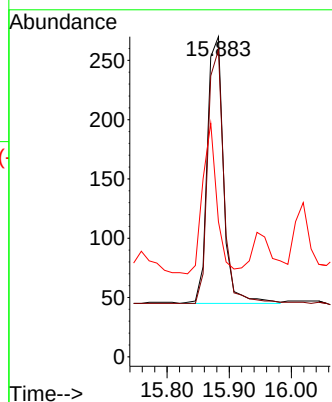
Tgt Ion:330 Resp: 409

Ion Ratio Lower Upper

330 100

332 94.6 76.6 114.8

141 49.6 37.8 56.8



#15

2-Fluorobiphenyl

Concen: 0.109 ng

RT: 13.009 min Scan# 1319

Delta R.T. -0.011 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

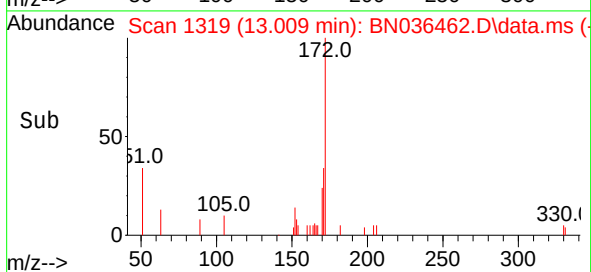
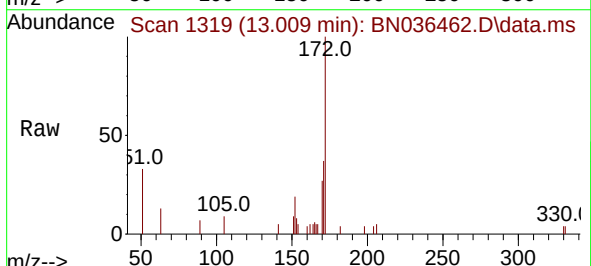
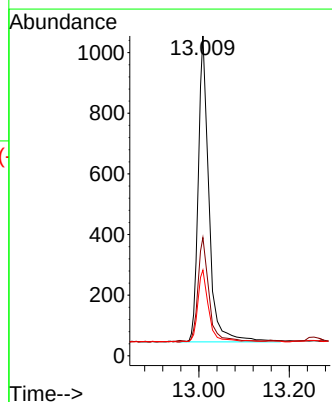
Tgt Ion:172 Resp: 1933

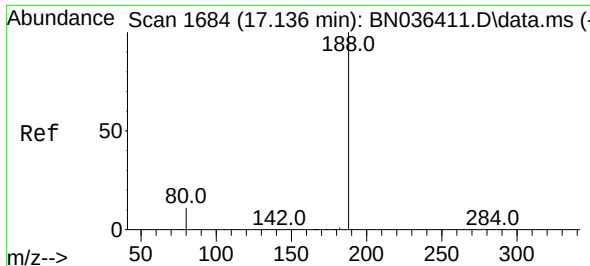
Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 26.8 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1

Delta R.T. -0.012 min

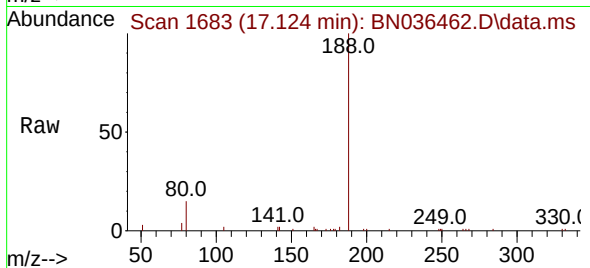
Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

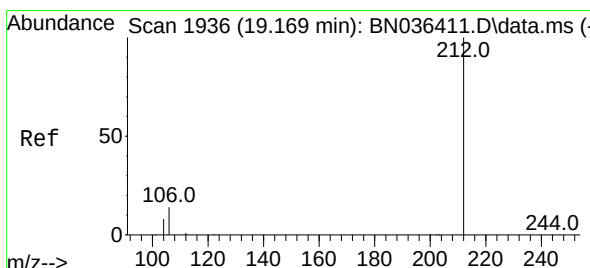
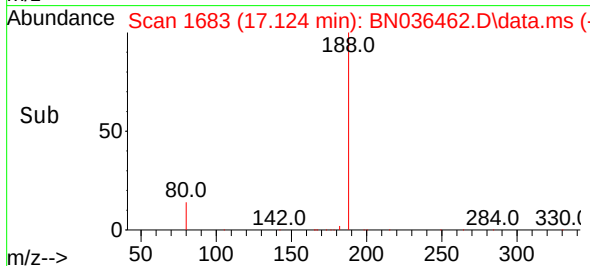
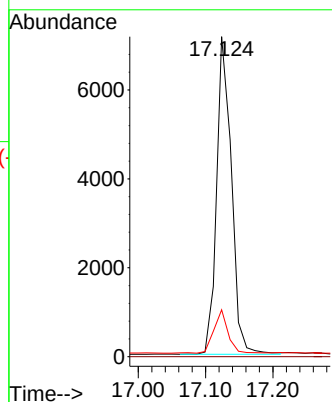
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	188	Resp:	10894
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.7	9.8	14.6



#27

Fluoranthene-d10

Concen: 0.154 ng

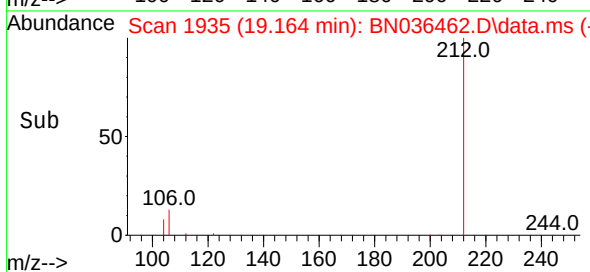
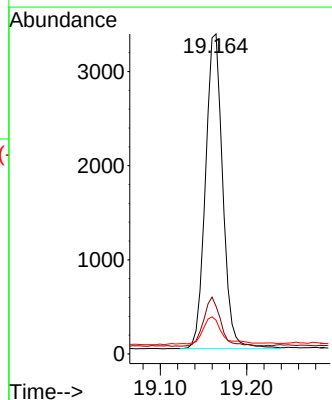
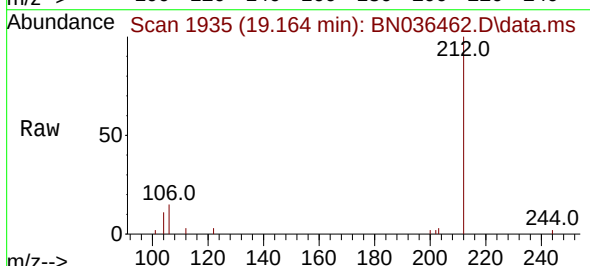
RT: 19.164 min Scan# 1935

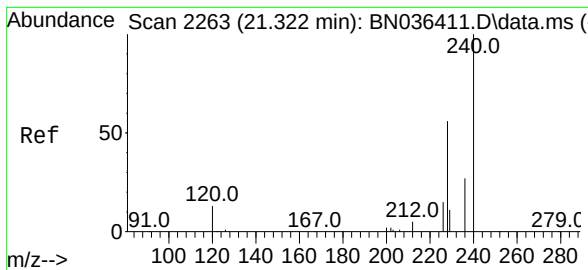
Delta R.T. -0.005 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

Tgt Ion:	212	Resp:	4664
Ion Ratio	Lower	Upper	
212	100		
106	15.3	11.5	17.3
104	9.2	7.1	10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.322 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

Instrument :

BNA_N

ClientSampleId :

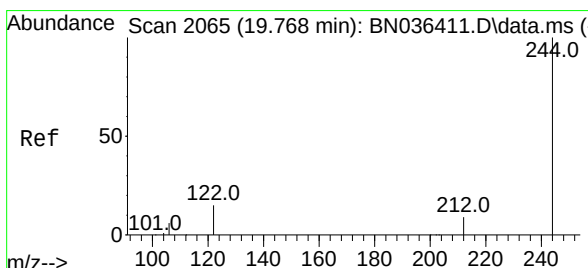
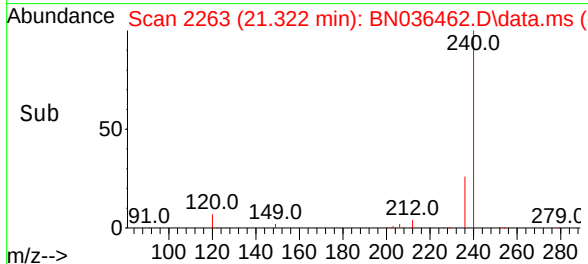
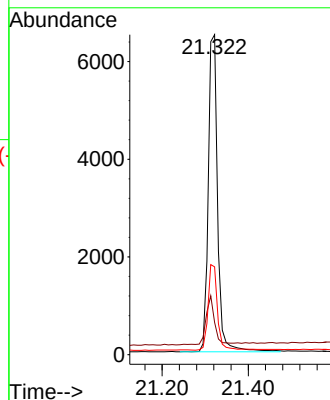
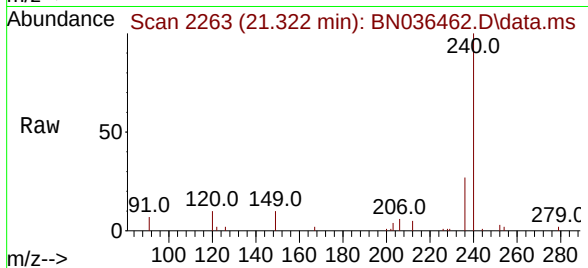
Tgt Ion:240 Resp: 9809

Ion Ratio Lower Upper

240 100

120 10.1 13.3 19.9#

236 27.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.189 ng

RT: 19.764 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

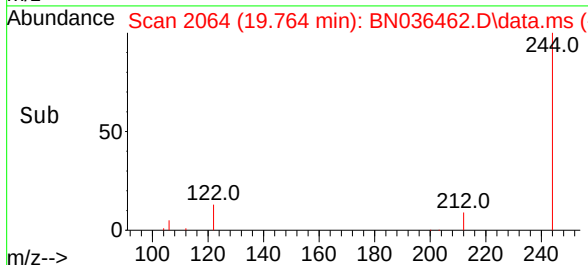
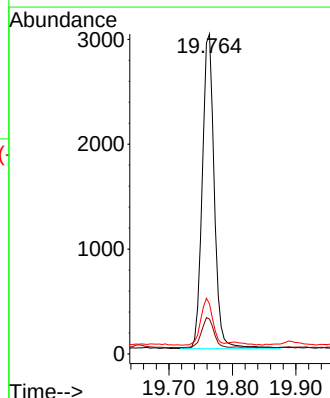
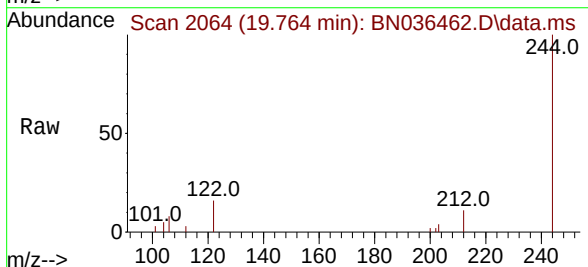
Tgt Ion:244 Resp: 3951

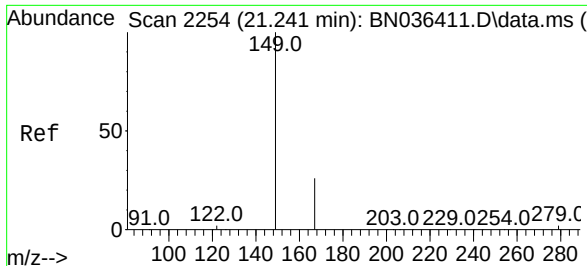
Ion Ratio Lower Upper

244 100

212 10.9 8.1 12.1

122 15.6 12.8 19.2

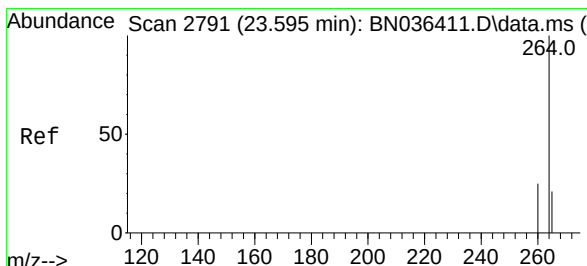
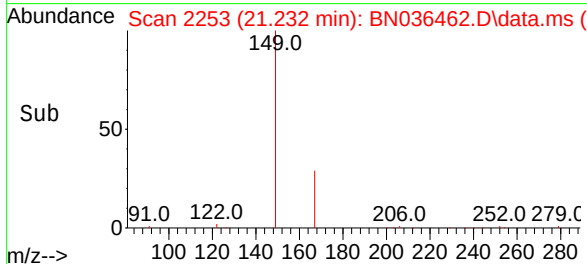
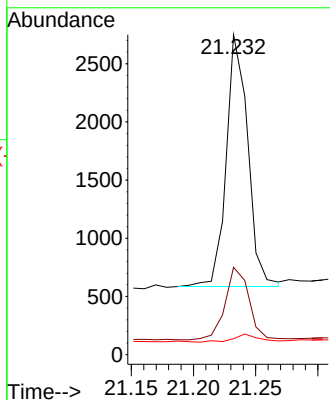
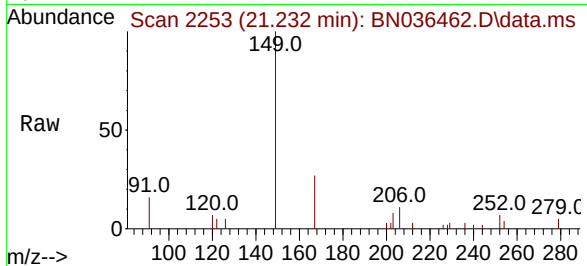




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.232 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2597
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.2 31.8#
 279 3.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 2787
 Delta R.T. -0.012 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

Tgt Ion:264 Resp: 9858
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.9 31.3
 265 59.6 60.7 91.1#

