

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028362.D
 Acq On : 24 Oct 2023 01:37
 Operator : MA/JU
 Sample : 04913-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48S

Quant Time: Oct 24 03:23:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

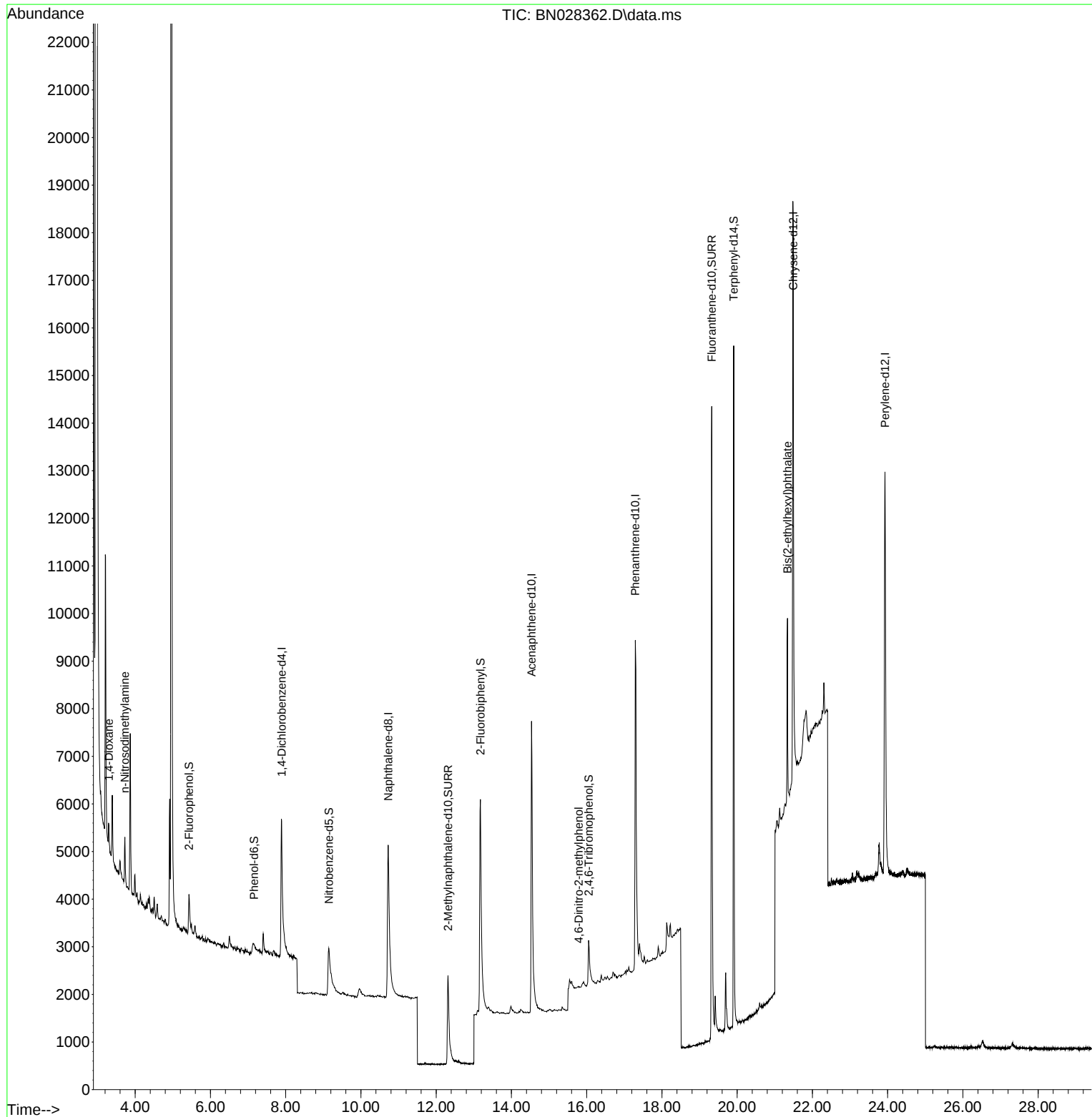
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2820	0.400	ng	0.01
7) Naphthalene-d8	10.724	136	9159	0.400	ng	# 0.02
13) Acenaphthene-d10	14.533	164	6131	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	14357	0.400	ng	# 0.00
29) Chrysene-d12	21.488	240	14616	0.400	ng	0.00
35) Perylene-d12	23.928	264	14326	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1193	0.136	ng	0.00
5) Phenol-d6	7.156	99	547	0.051	ng	0.10
8) Nitrobenzene-d5	9.144	82	2359	0.290	ng	0.04
11) 2-Methylnaphthalene-d10	12.313	152	5329	0.387	ng	0.02
14) 2,4,6-Tribromophenol	16.052	330	906	0.303	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	7589	0.352	ng	0.01
27) Fluoranthene-d10	19.323	212	18611	0.485	ng	0.00
31) Terphenyl-d14	19.908	244	16039	0.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	431	0.126	ng	# 60
3) n-Nitrosodimethylamine	3.725	42	170	0.046	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.792	198	6	0.186	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.336	149	4025	0.101	ng	97

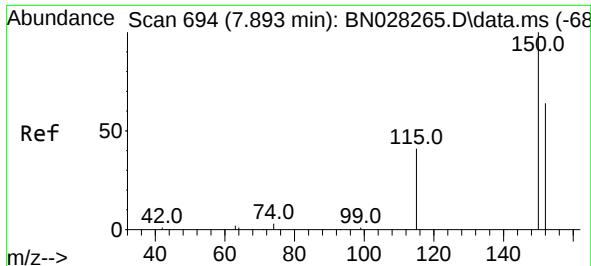
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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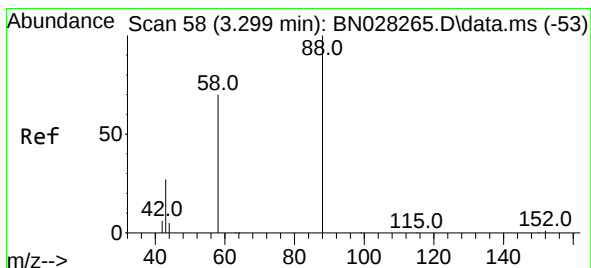
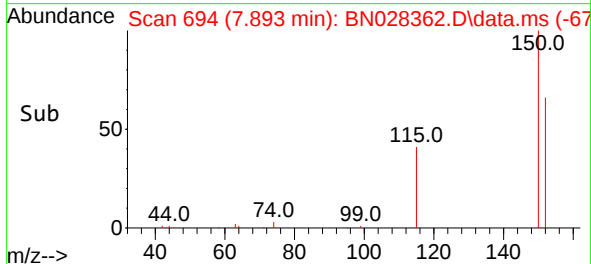
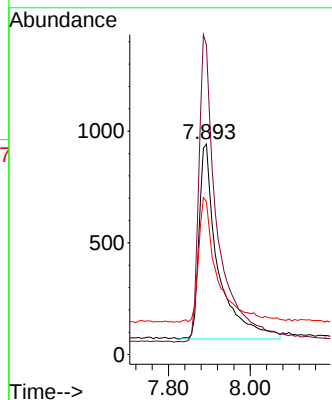
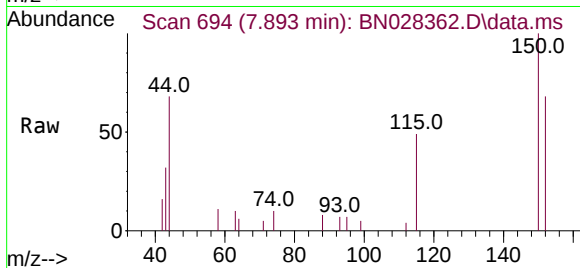




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 694
 Delta R.T. 0.015 min
 Lab File: BN028362.D
 Acq: 24 Oct 2023 01:37

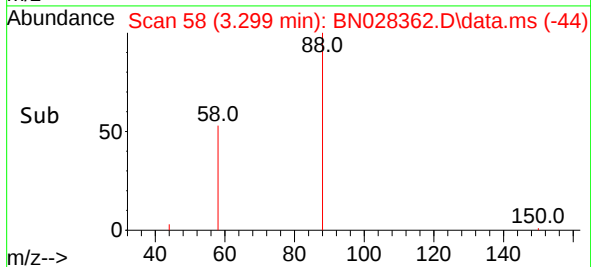
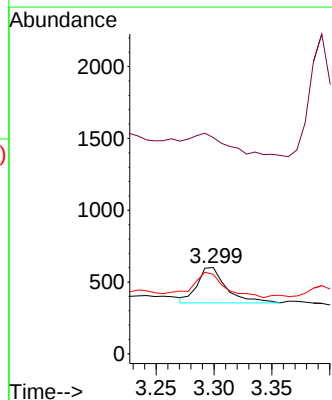
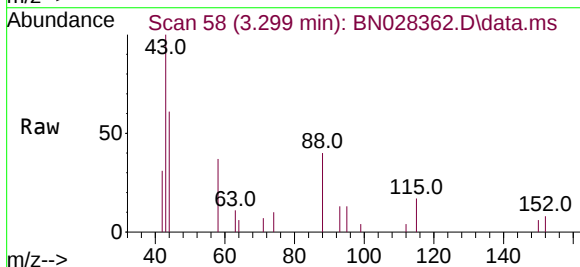
Instrument :
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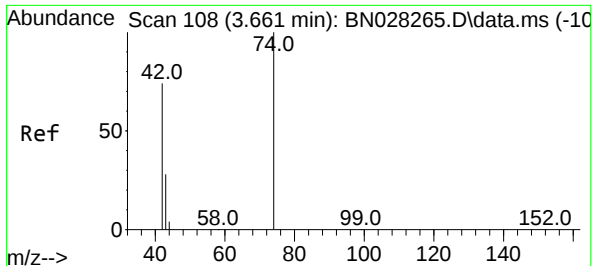
Tgt Ion:152 Resp: 2820
 Ion Ratio Lower Upper
 152 100
 150 147.0 121.6 182.4
 115 72.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.126 ng
 RT: 3.299 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN028362.D
 Acq: 24 Oct 2023 01:37

Tgt Ion: 88 Resp: 431
 Ion Ratio Lower Upper
 88 100
 43 88.4 26.6 39.8
 58 78.9 55.4 83.0

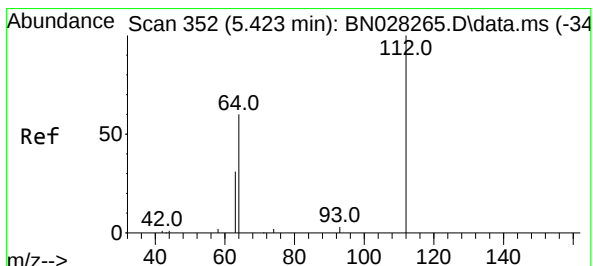
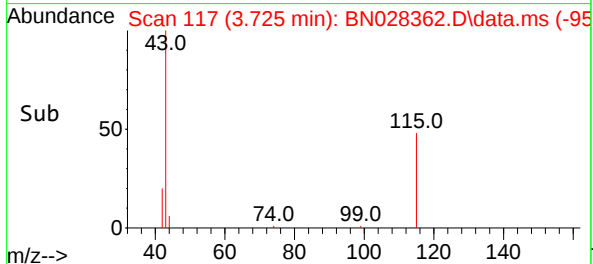
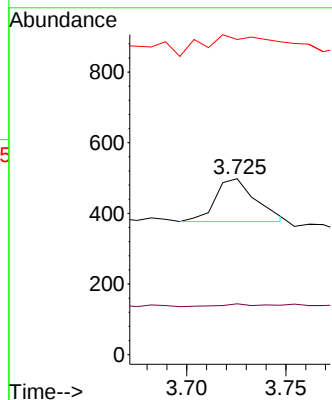
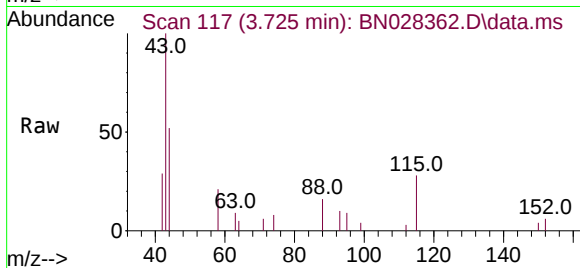




#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.725 min Scan# 117
Delta R.T. 0.058 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

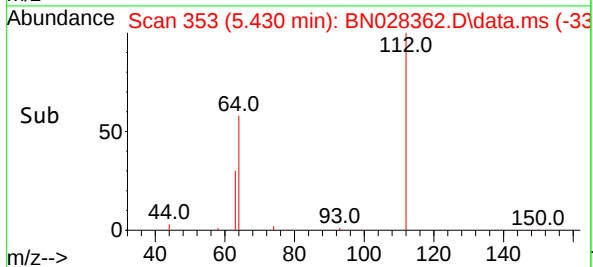
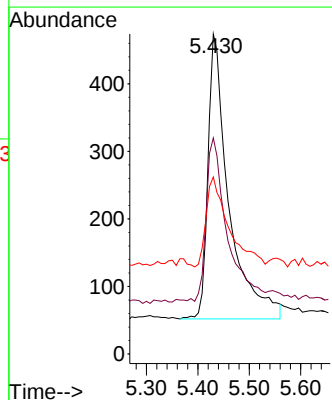
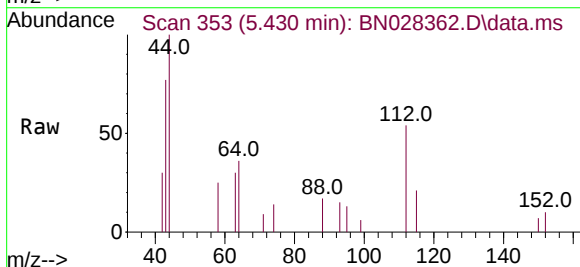
Instrument :
BNA_N
ClientSampleId :
MW-48S

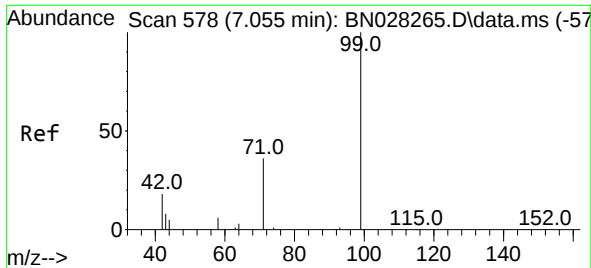
Tgt Ion: 42 Resp: 170
Ion Ratio Lower Upper
42 100
74 6.5 112.6 168.8#
44 83.5 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.430 min Scan# 353
Delta R.T. -0.000 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion: 112 Resp: 1193
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 34.0 25.0 37.4

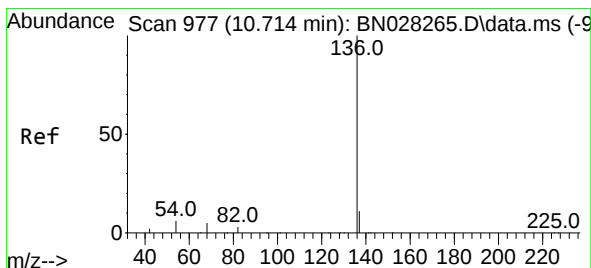
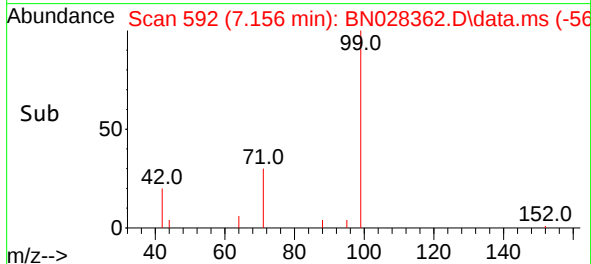
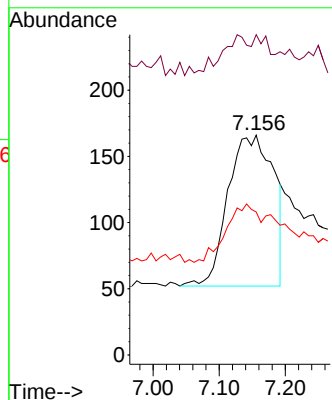
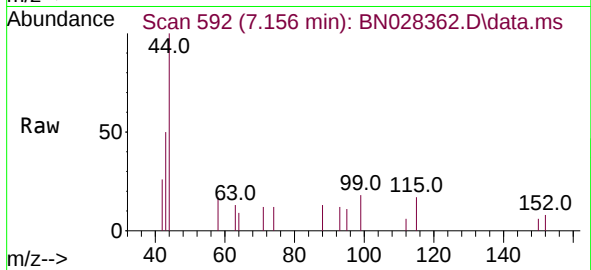




#5
Phenol-d6
Concen: 0.051 ng
RT: 7.156 min Scan# 592
Delta R.T. 0.101 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

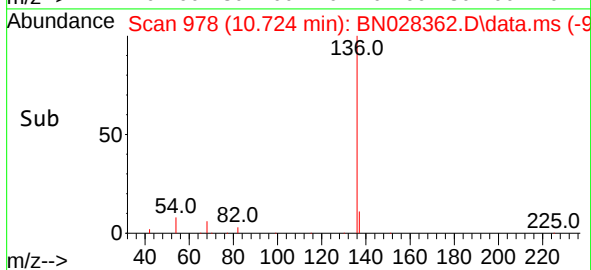
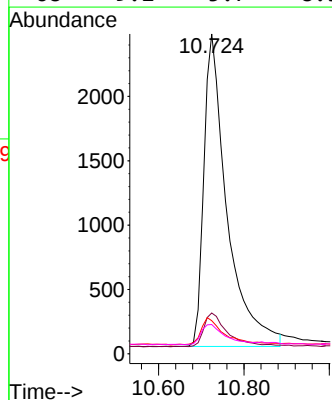
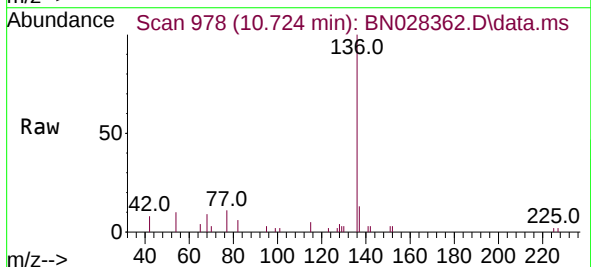
Instrument :
BNA_N
ClientSampleId :
MW-48S

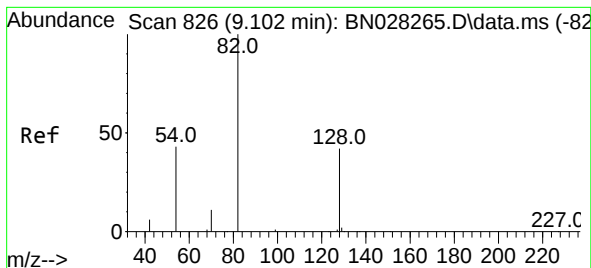
Tgt Ion: 99 Resp: 547
Ion Ratio Lower Upper
99 100
42 3.5 15.9 23.9#
71 27.2 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 978
Delta R.T. 0.021 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion: 136 Resp: 9159
Ion Ratio Lower Upper
136 100
137 12.8 9.8 14.8
54 10.4 6.2 9.4#
68 9.2 5.7 8.5#

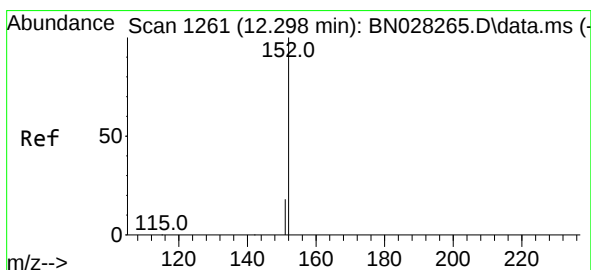
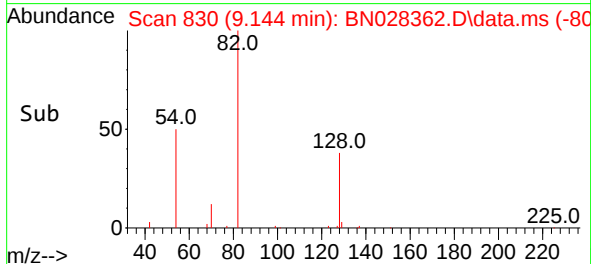
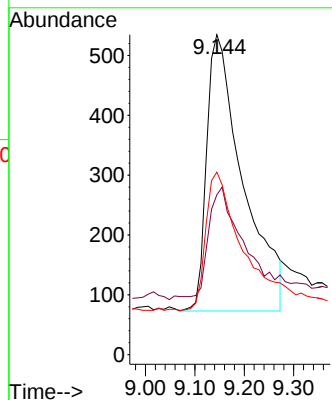
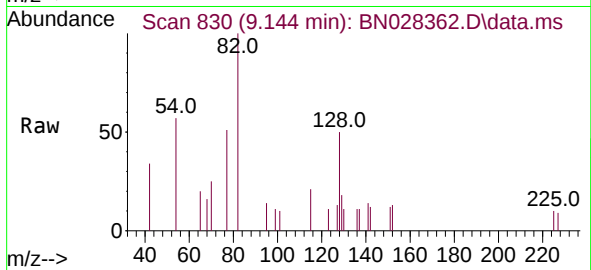




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.043 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

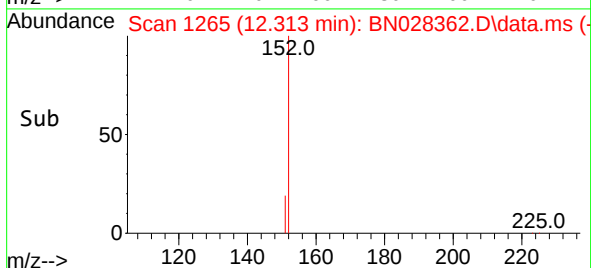
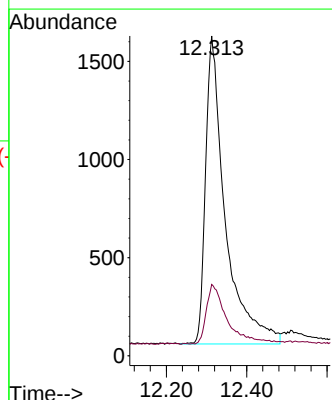
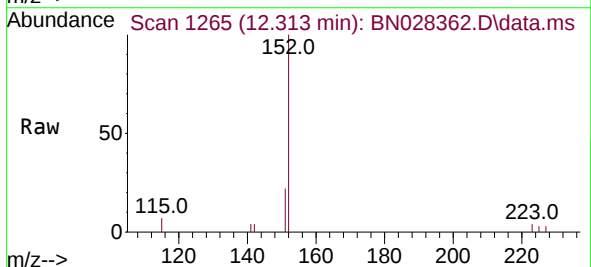
Instrument :
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ClientSampleId :
MW-48S

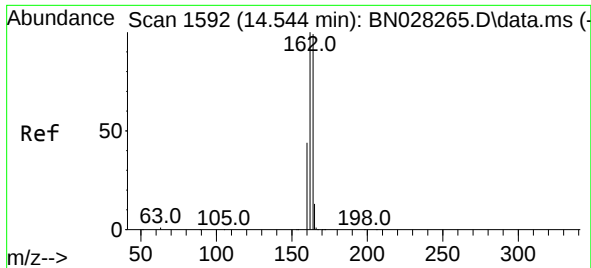
Tgt Ion: 82 Resp: 2359
Ion Ratio Lower Upper
82 100
128 49.9 36.8 55.2
54 57.0 37.4 56.2#



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.313 min Scan# 1265
Delta R.T. 0.019 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion: 152 Resp: 5329
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1

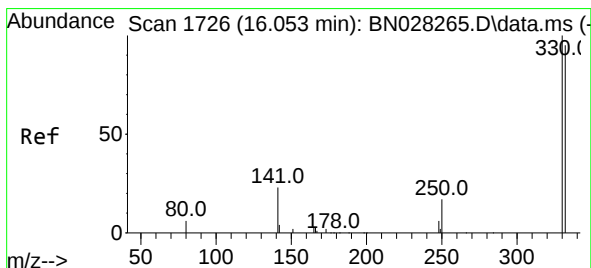
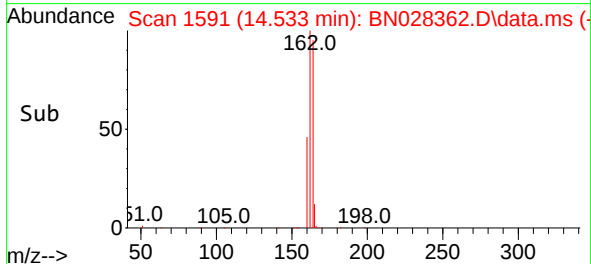
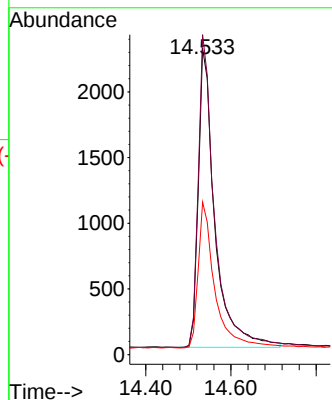
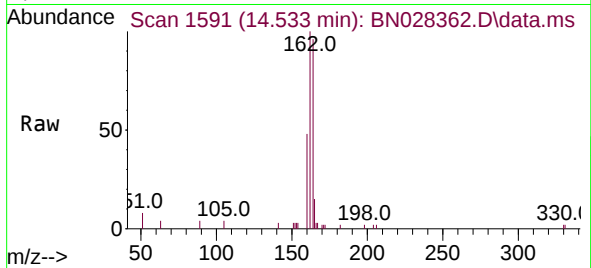




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.533 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

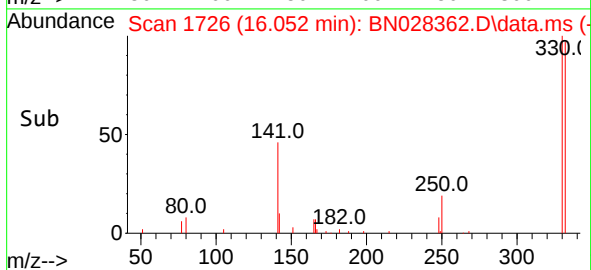
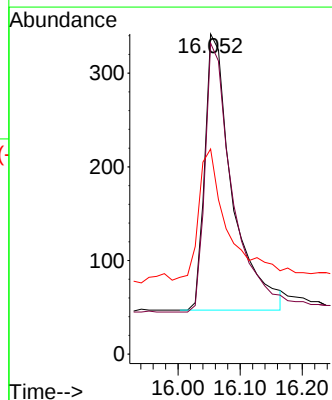
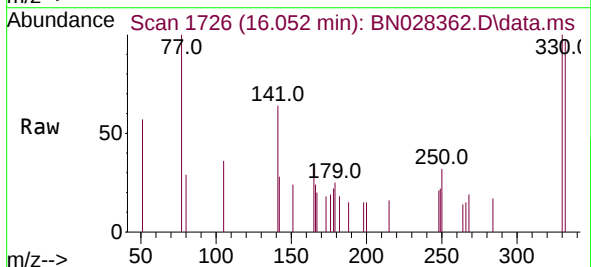
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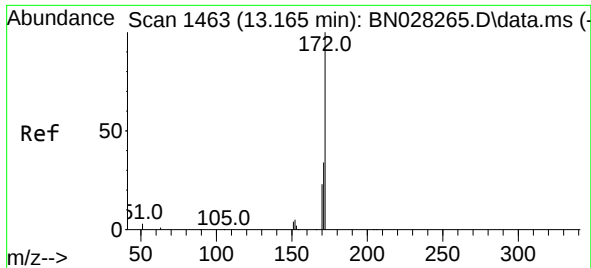
Tgt Ion:164 Resp: 6131
Ion Ratio Lower Upper
164 100
162 104.5 81.1 121.7
160 49.8 36.6 54.8



#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 16.052 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion:330 Resp: 906
Ion Ratio Lower Upper
330 100
332 97.7 74.1 111.1
141 50.4 32.1 48.1#

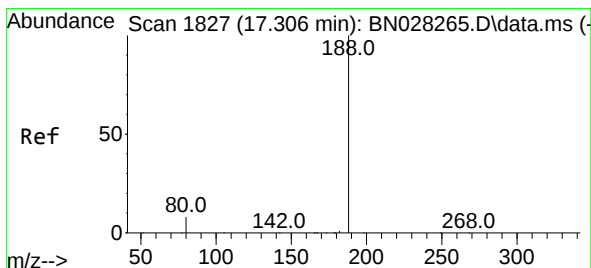
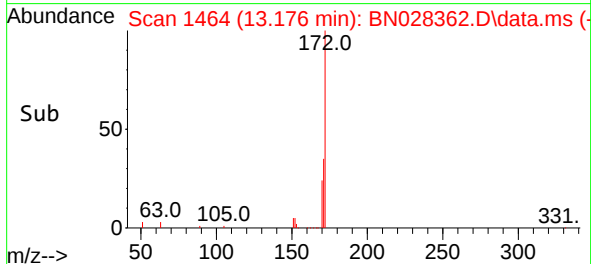
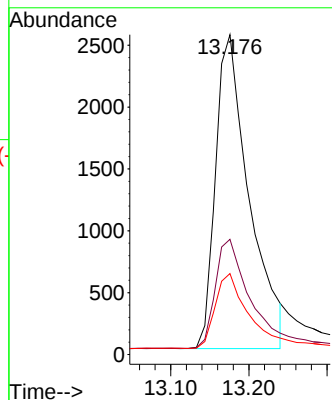
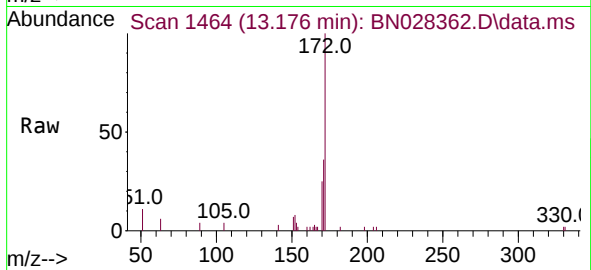




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.176 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

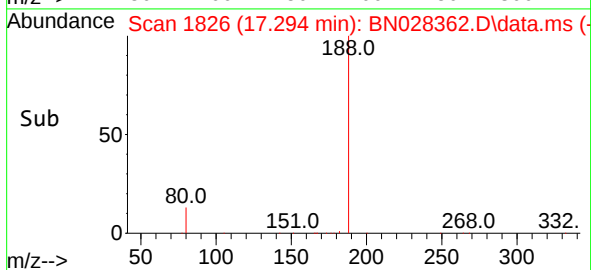
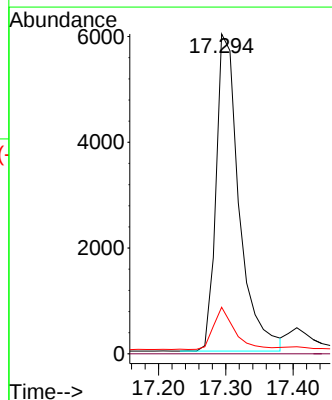
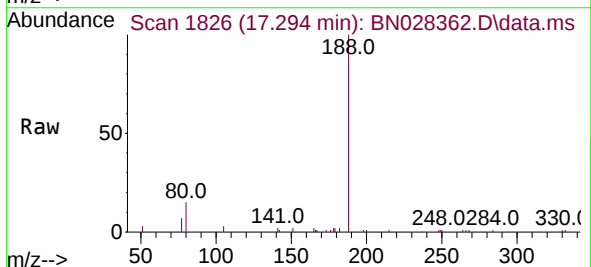
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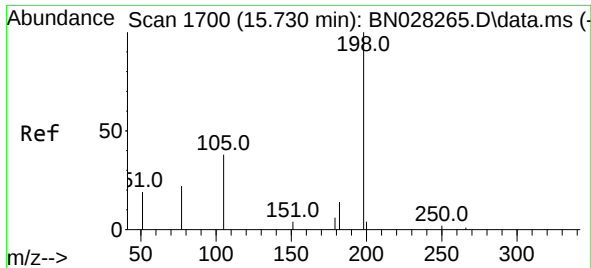
Tgt Ion:172 Resp: 7589
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 25.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion:188 Resp: 14357
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 7.1 10.7#

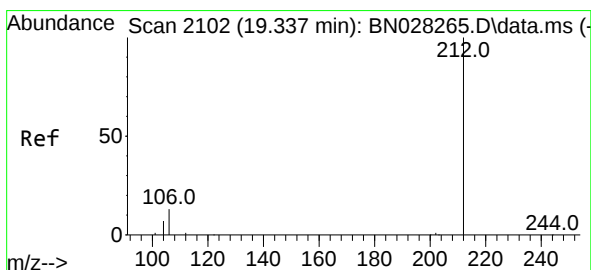
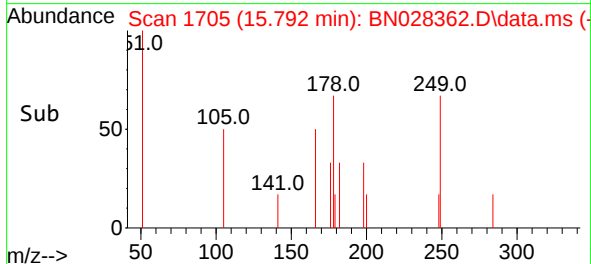
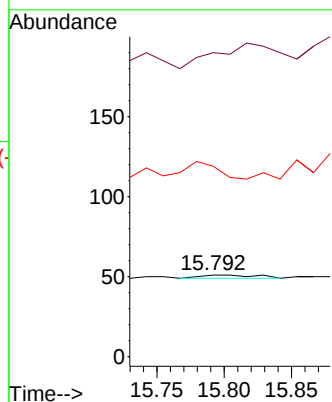
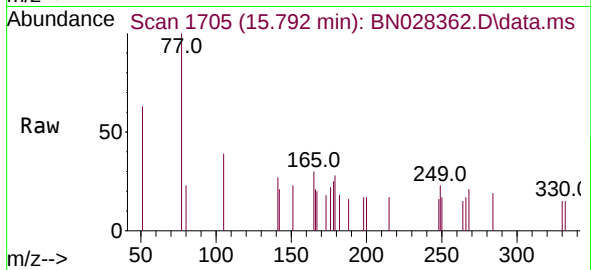




#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

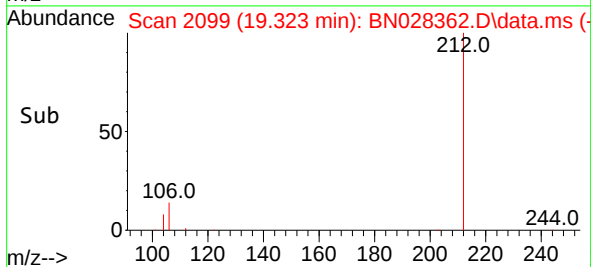
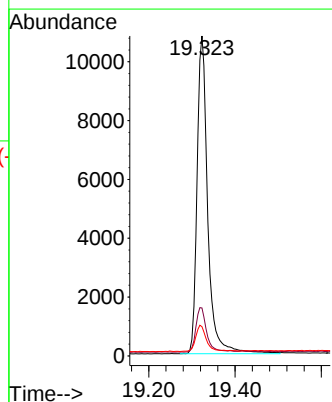
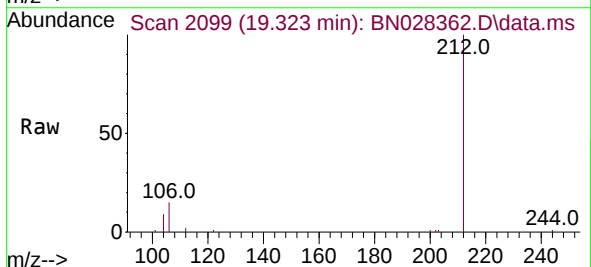
Instrument :
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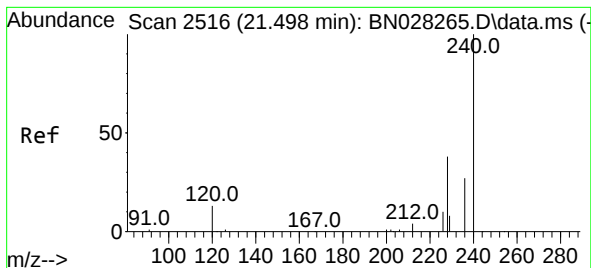
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 372.5 96.1 144.1#
105 233.3 75.4 113.0#



#27
Fluoranthene-d10
Concen: 0.485 ng
RT: 19.323 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN028362.D
Acq: 24 Oct 2023 01:37

Tgt Ion:212 Resp: 18611
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.2 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.488 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028362.D

Acq: 24 Oct 2023 01:37

Instrument :

BNA_N

ClientSampleId :

MW-48S

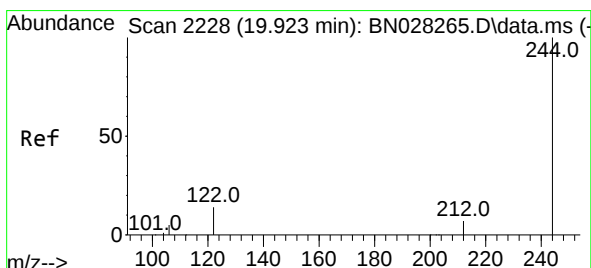
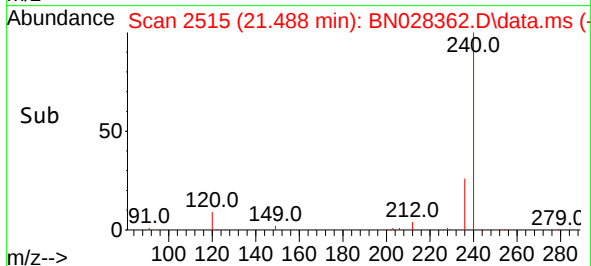
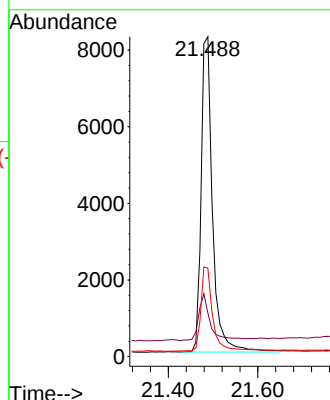
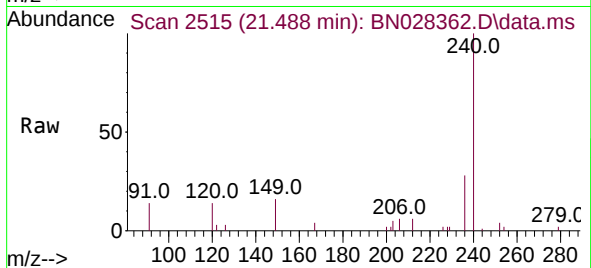
Tgt Ion:240 Resp: 14616

Ion Ratio Lower Upper

240 100

120 13.6 13.4 20.0

236 27.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.517 ng

RT: 19.908 min Scan# 2225

Delta R.T. -0.009 min

Lab File: BN028362.D

Acq: 24 Oct 2023 01:37

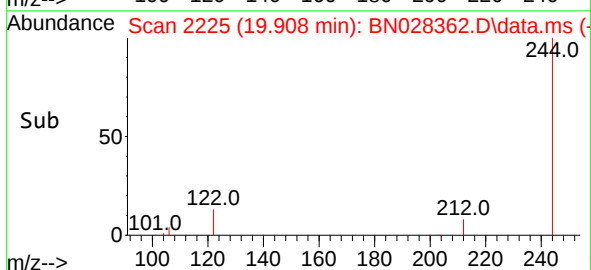
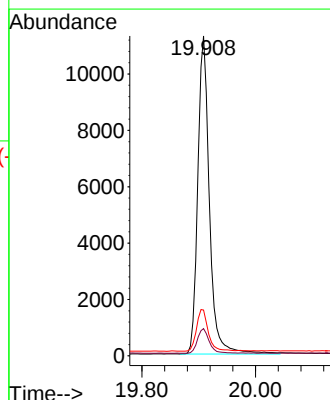
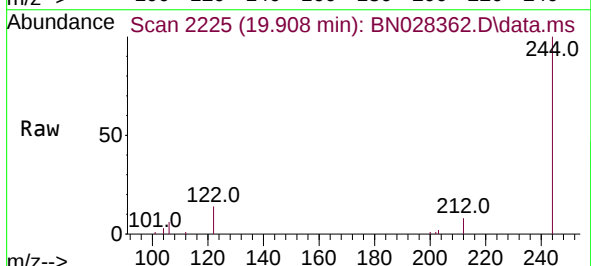
Tgt Ion:244 Resp: 16039

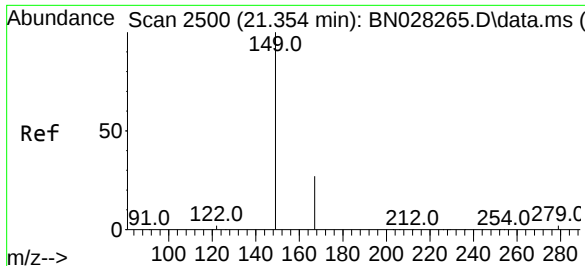
Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 14.3 11.7 17.5

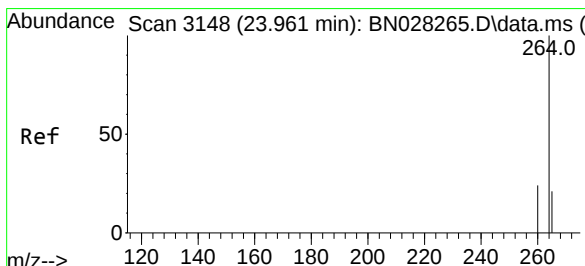
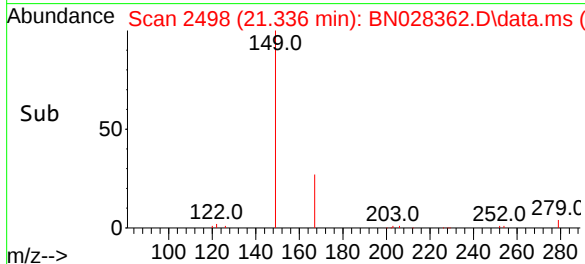
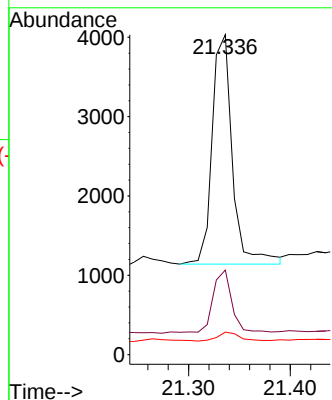
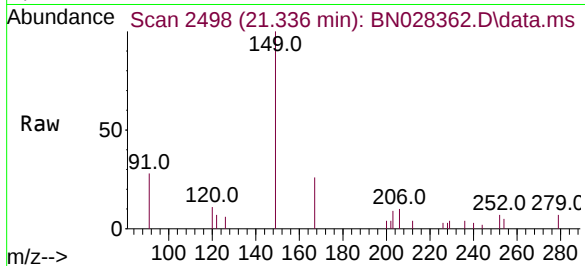




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028362.D
 Acq: 24 Oct 2023 01:37

Instrument :
 BNA_N
 ClientSampleId :
 MW-48S

Tgt Ion:149 Resp: 4025
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.6 34.0
 279 4.3 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.928 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN028362.D
 Acq: 24 Oct 2023 01:37

Tgt Ion:264 Resp: 14326
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.7 31.1
 265 62.4 38.3 57.5#

