

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028363.D
 Acq On : 24 Oct 2023 02:13
 Operator : MA/JU
 Sample : 04913-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49I

Quant Time: Oct 24 03:23:32 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)

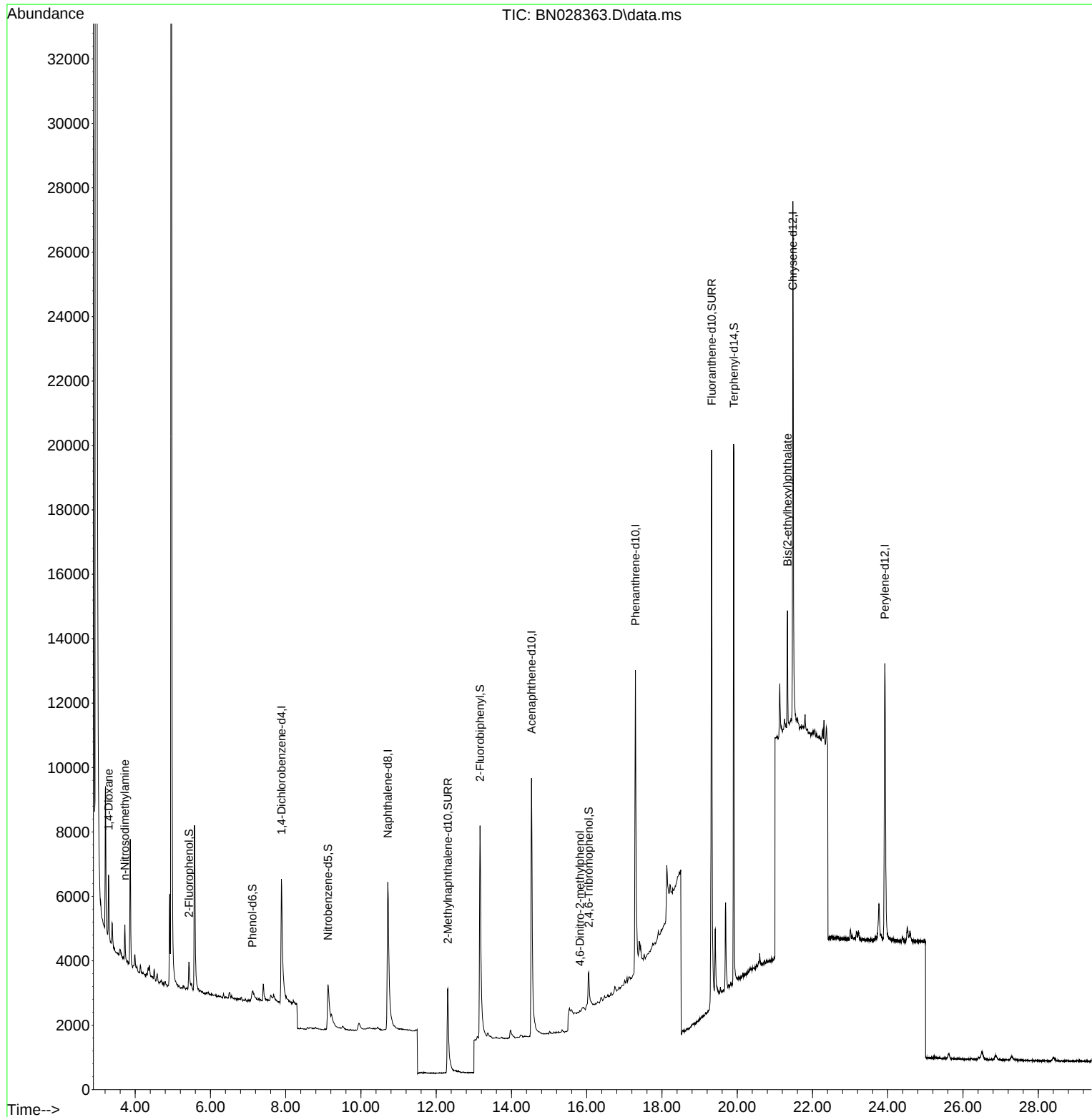
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	3307	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	11655	0.400	ng	# 0.01
13) Acenaphthene-d10	14.534	164	7468	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	16749	0.400	ng	# 0.00
29) Chrysene-d12	21.480	240	16037	0.400	ng	0.00
35) Perylene-d12	23.923	264	13754	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1211	0.118	ng	0.00
5) Phenol-d6	7.113	99	686	0.054	ng	0.06
8) Nitrobenzene-d5	9.123	82	2976	0.288	ng	0.02
11) 2-Methylnaphthalene-d10	12.305	152	6546	0.374	ng	0.01
14) 2,4,6-Tribromophenol	16.053	330	1070	0.294	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	9609	0.366	ng	0.00
27) Fluoranthene-d10	19.319	212	20445	0.456	ng	0.00
31) Terphenyl-d14	19.909	244	17940	0.527	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.292	88	1339	0.335	ng	# 90
3) n-Nitrosodimethylamine	3.725	42	198	0.045	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.817	198	4	0.183	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.336	149	3417	0.079	ng	97

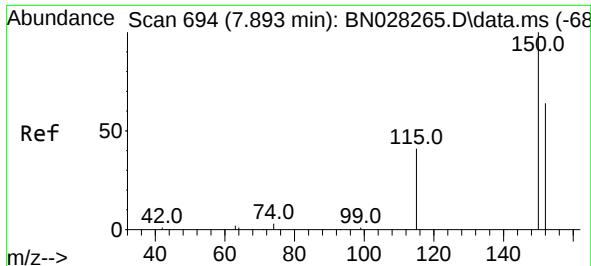
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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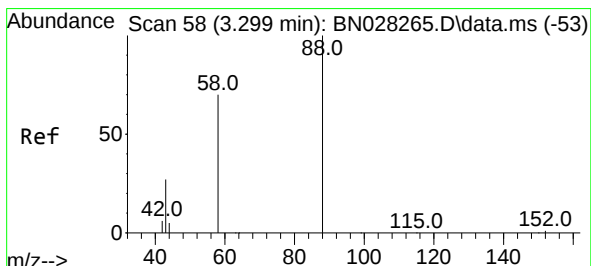
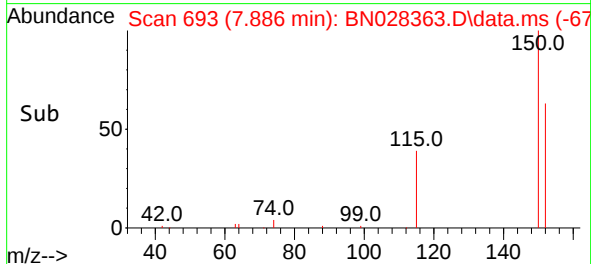
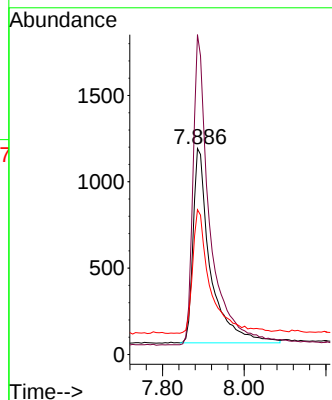
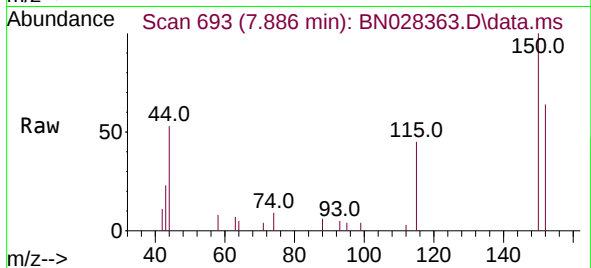




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.886 min Scan# 694
 Delta R.T. 0.008 min
 Lab File: BN028363.D
 Acq: 24 Oct 2023 02:13

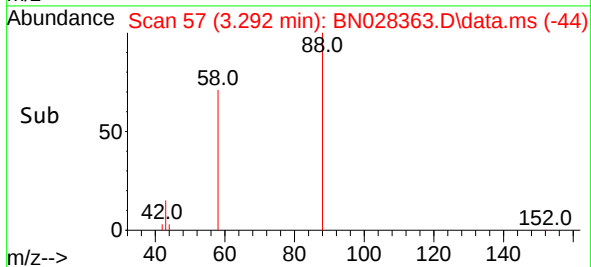
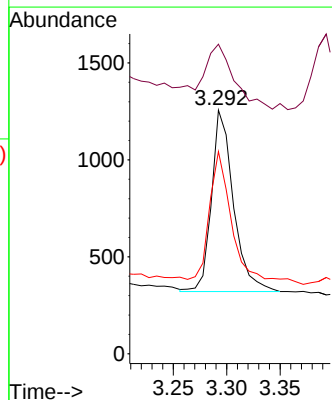
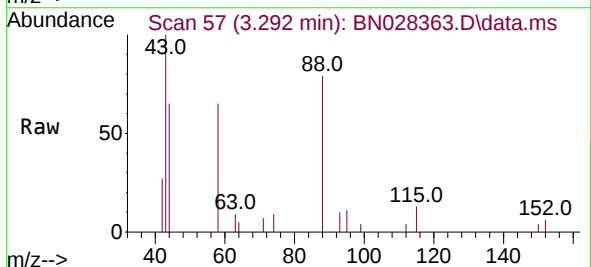
Instrument :
 BNA_N
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 MW-49I

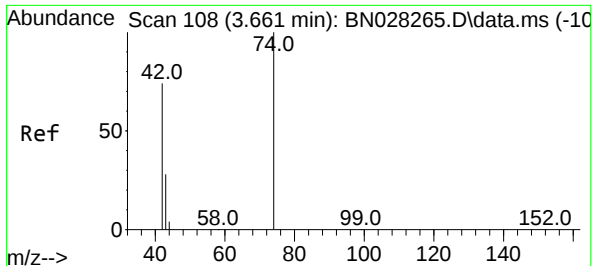
Tgt Ion:152 Resp: 3307
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.6 182.4
 115 70.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.335 ng
 RT: 3.292 min Scan# 57
 Delta R.T. -0.007 min
 Lab File: BN028363.D
 Acq: 24 Oct 2023 02:13

Tgt Ion: 88 Resp: 1339
 Ion Ratio Lower Upper
 88 100
 43 45.9 26.6 39.8
 58 66.0 55.4 83.0





#3

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.725 min Scan# 117

Delta R.T. 0.058 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

Instrument :

BNA_N

ClientSampleId :

MW-49I

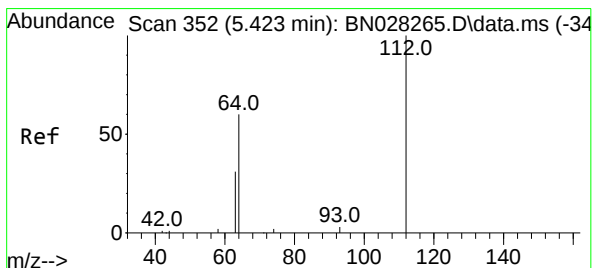
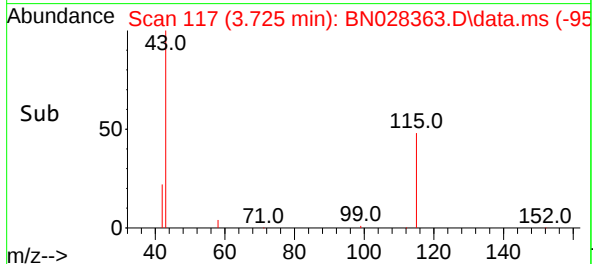
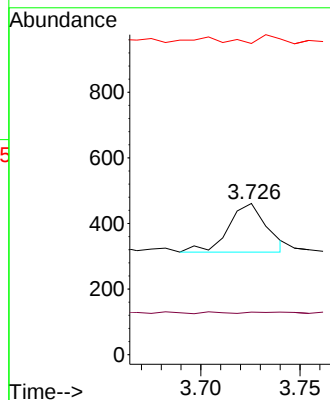
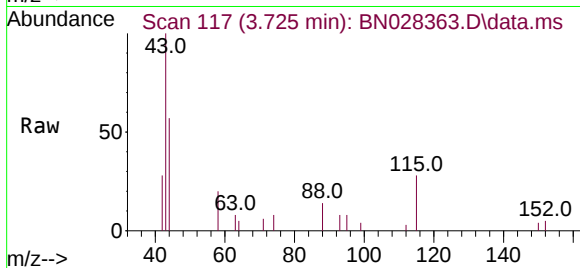
Tgt Ion: 42 Resp: 198

Ion Ratio Lower Upper

42 100

74 1.5 112.6 168.8#

44 9.1 7.8 11.6



#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.430 min Scan# 353

Delta R.T. 0.000 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

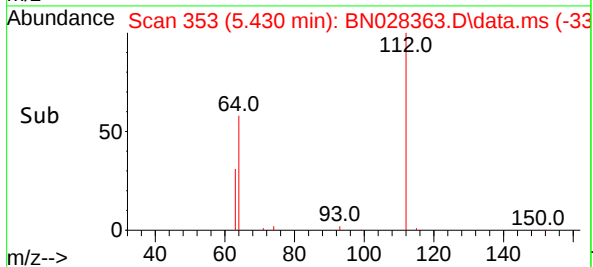
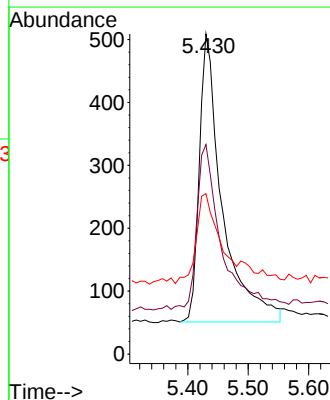
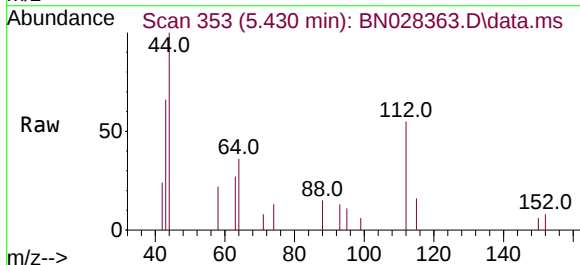
Tgt Ion: 112 Resp: 1211

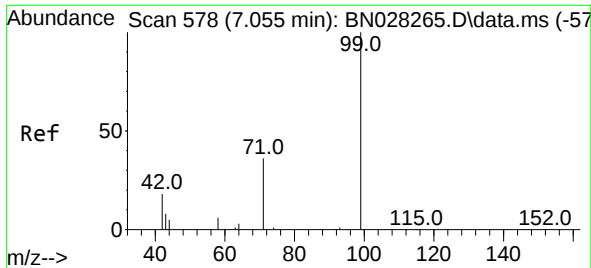
Ion Ratio Lower Upper

112 100

64 61.3 46.9 70.3

63 31.1 25.0 37.4

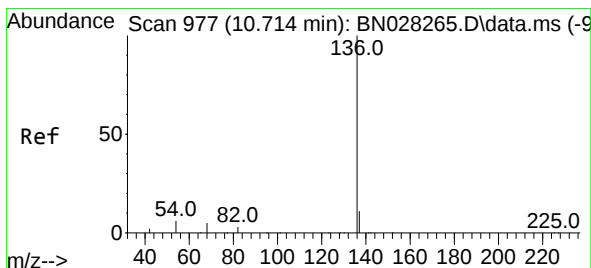
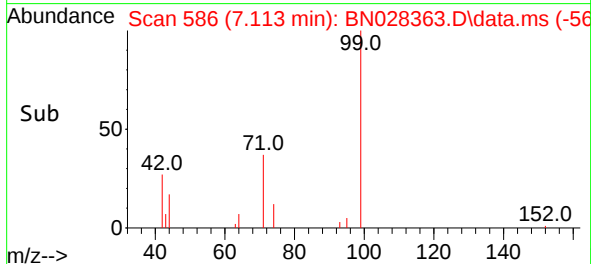
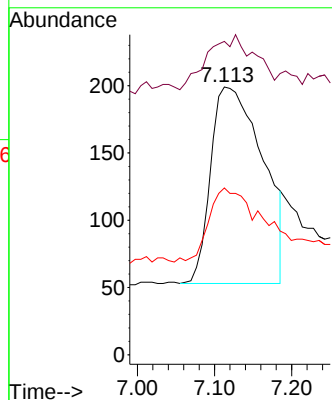
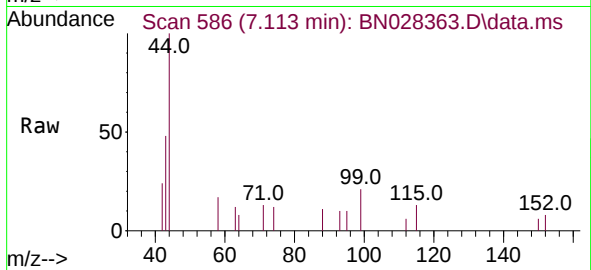




#5
Phenol-d6
Concen: 0.054 ng
RT: 7.113 min Scan# 586
Delta R.T. 0.058 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

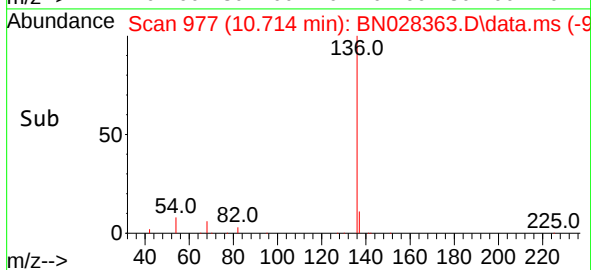
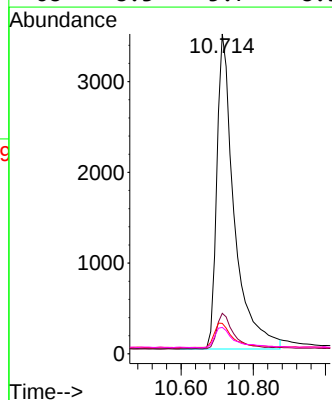
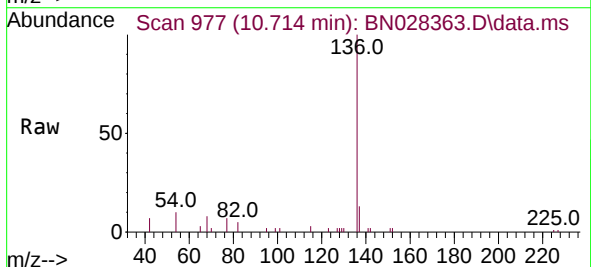
Instrument :
BNA_N
ClientSampleId :
MW-49I

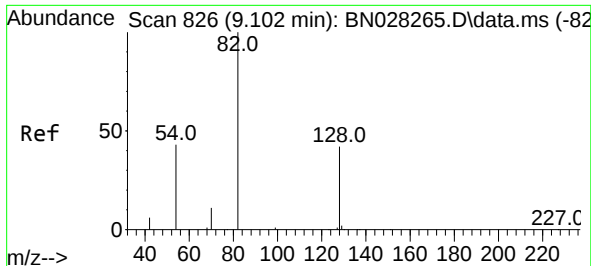
Tgt Ion: 99 Resp: 686
Ion Ratio Lower Upper
99 100
42 25.5 15.9 23.9#
71 36.7 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 977
Delta R.T. 0.011 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion: 136 Resp: 11655
Ion Ratio Lower Upper
136 100
137 12.6 9.8 14.8
54 9.5 6.2 9.4#
68 8.3 5.7 8.5

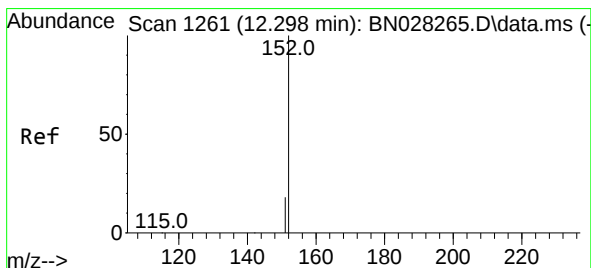
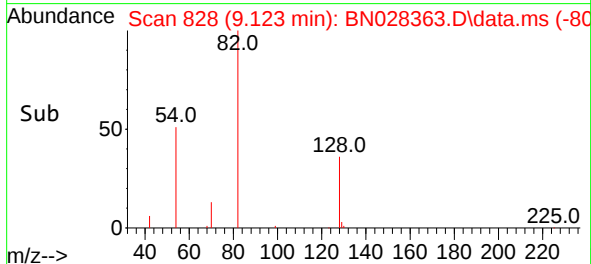
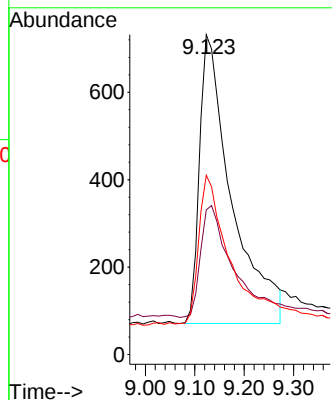
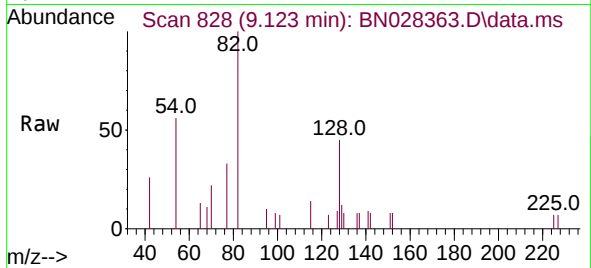




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 9.123 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

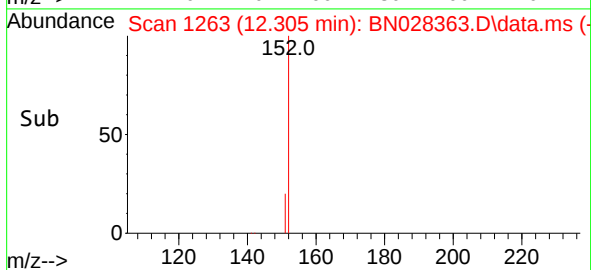
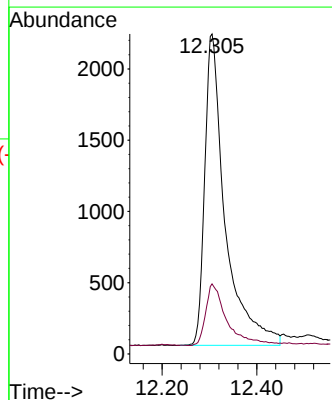
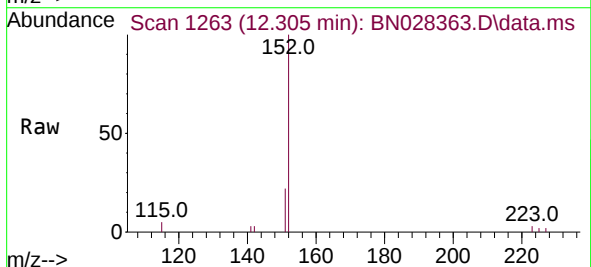
Instrument :
BNA_N
ClientSampleId :
MW-49I

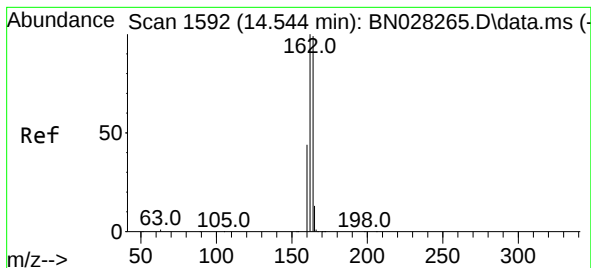
Tgt Ion: 82 Resp: 2976
Ion Ratio Lower Upper
82 100
128 45.2 36.8 55.2
54 56.0 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.305 min Scan# 1263
Delta R.T. 0.011 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion: 152 Resp: 6546
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.534 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

Instrument :

BNA_N

ClientSampleId :

MW-49I

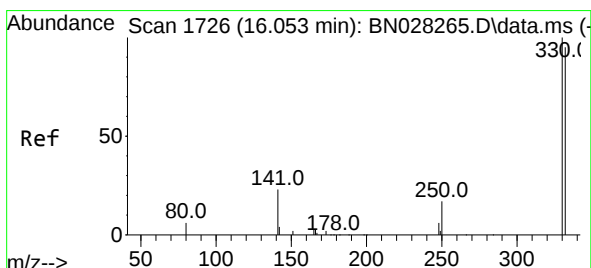
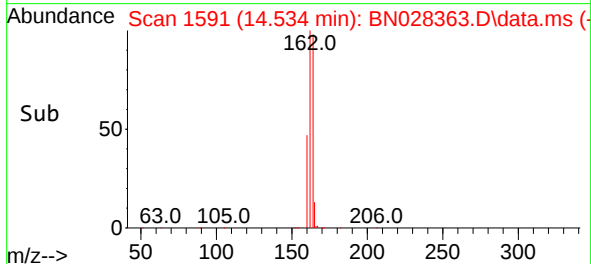
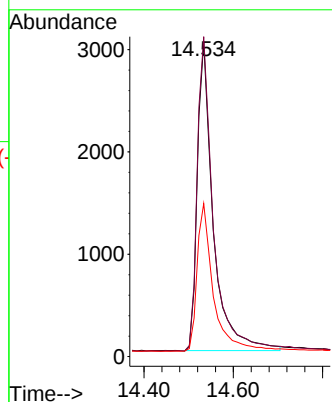
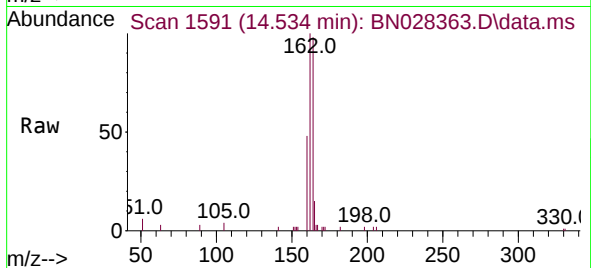
Tgt Ion:164 Resp: 7468

Ion Ratio Lower Upper

164 100

162 101.8 81.1 121.7

160 48.6 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.294 ng

RT: 16.053 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

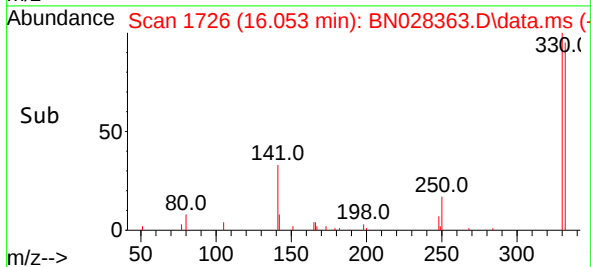
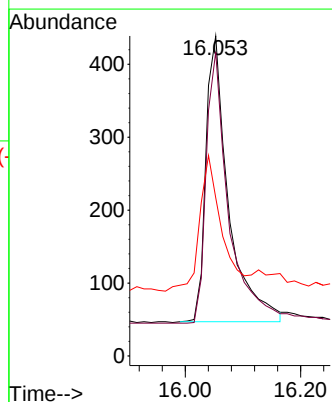
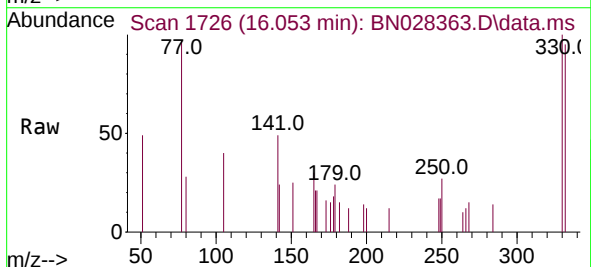
Tgt Ion:330 Resp: 1070

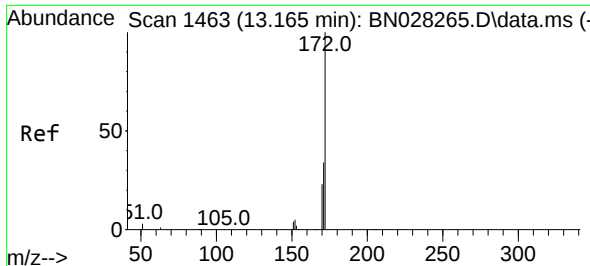
Ion Ratio Lower Upper

330 100

332 94.2 74.1 111.1

141 39.7 32.1 48.1

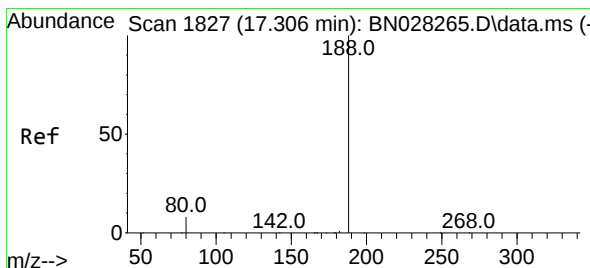
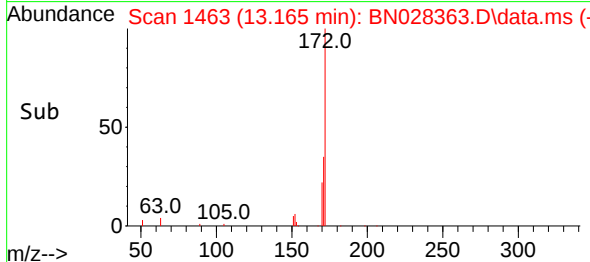
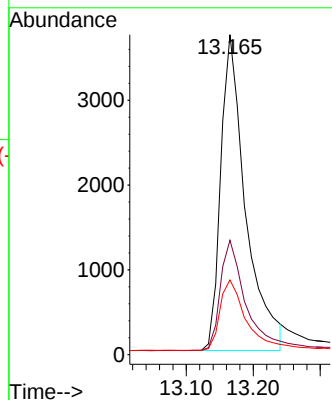
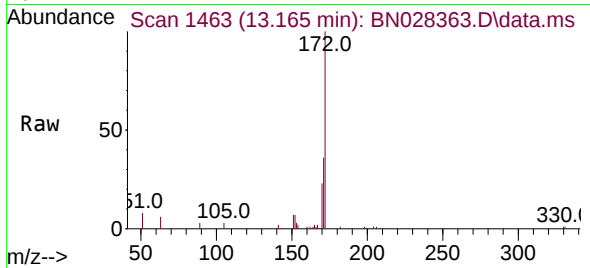




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.165 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

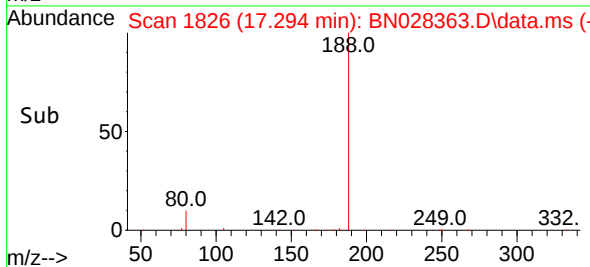
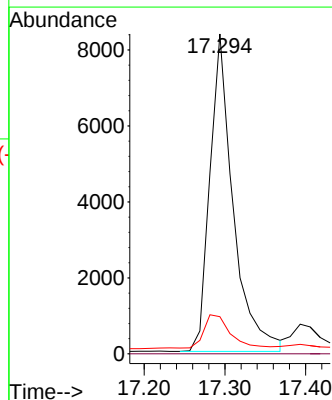
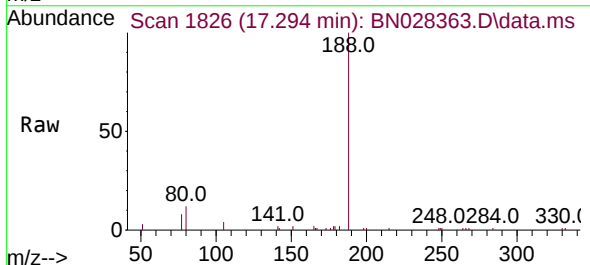
Instrument :
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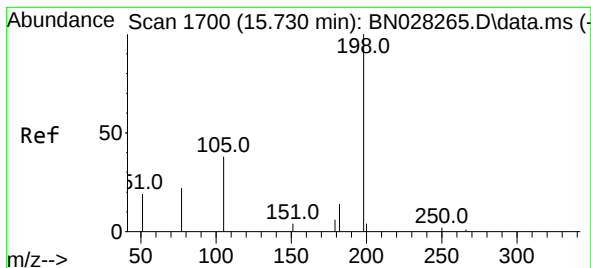
Tgt Ion:172 Resp: 9609
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion:188 Resp: 16749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.1 10.7#

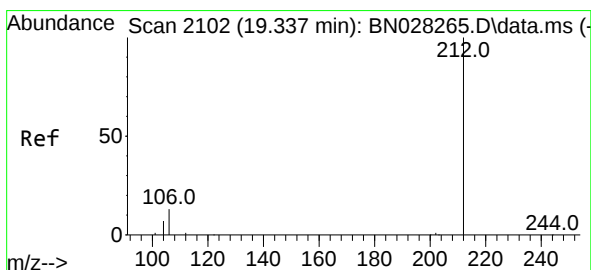
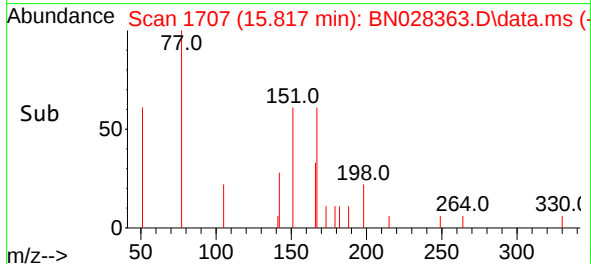
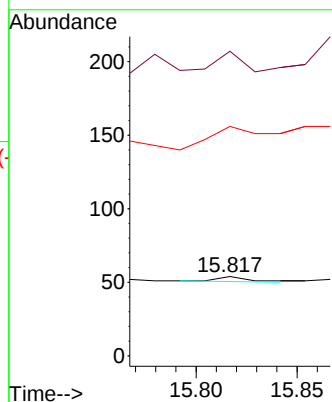
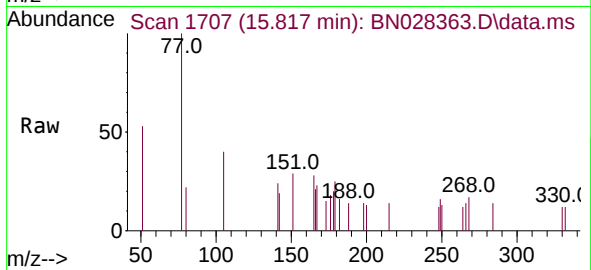




#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

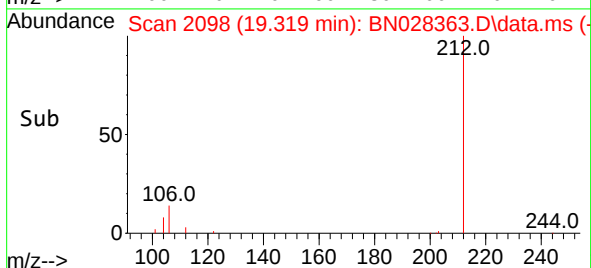
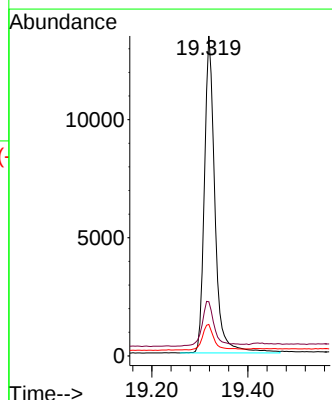
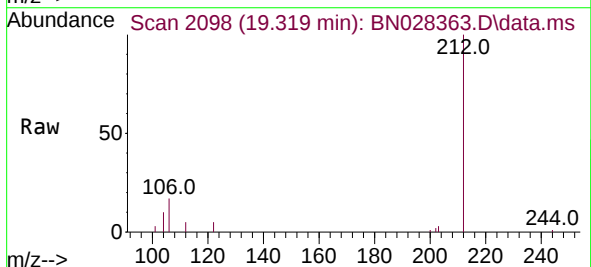
Instrument :
BNA_N
ClientSampleId :
MW-49I

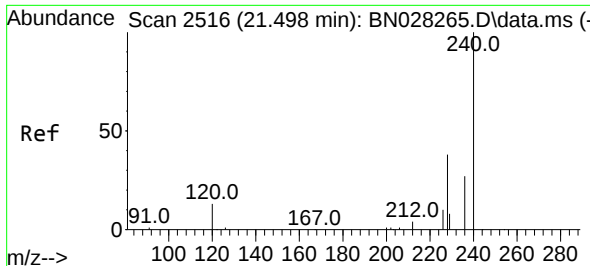
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 383.3 96.1 144.1#
105 288.9 75.4 113.0#



#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion:212 Resp: 20445
Ion Ratio Lower Upper
212 100
106 16.9 11.5 17.3
104 9.1 6.7 10.1

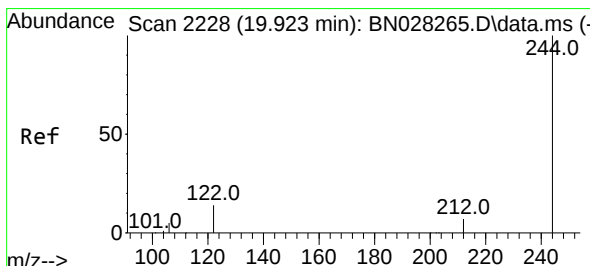
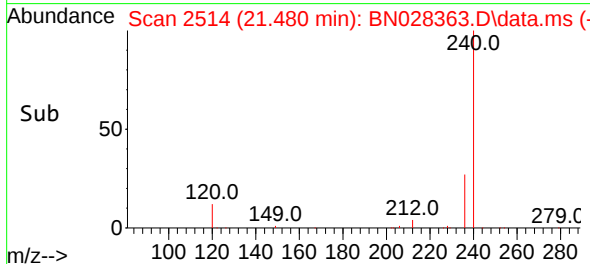
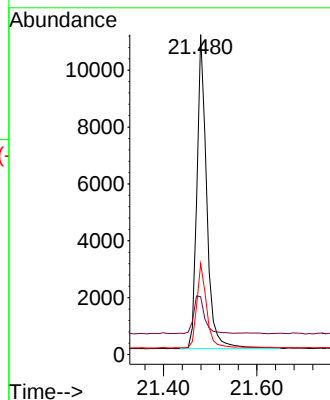
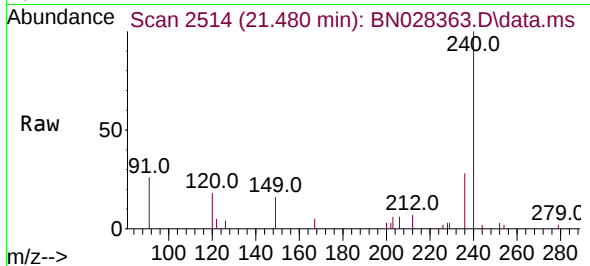




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

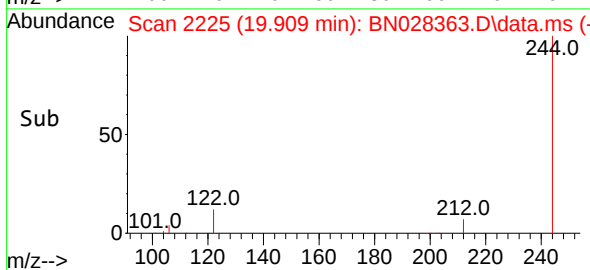
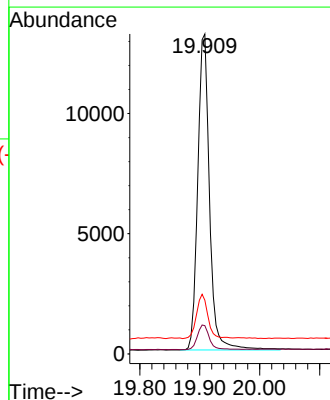
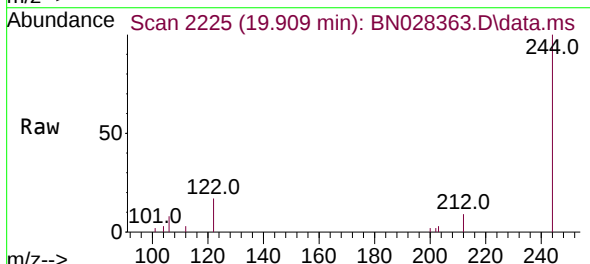
Instrument :
BNA_N
ClientSampleId :
MW-49I

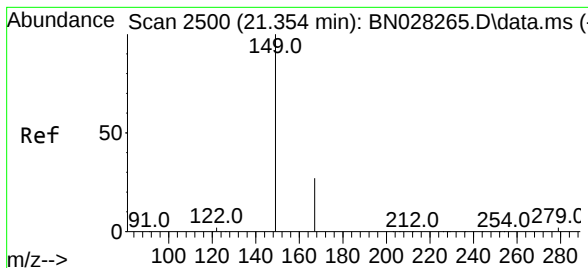
Tgt Ion:240 Resp: 16037
Ion Ratio Lower Upper
240 100
120 18.1 13.4 20.0
236 28.4 22.7 34.1



#31
Terphenyl-d14
Concen: 0.527 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion:244 Resp: 17940
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 16.8 11.7 17.5

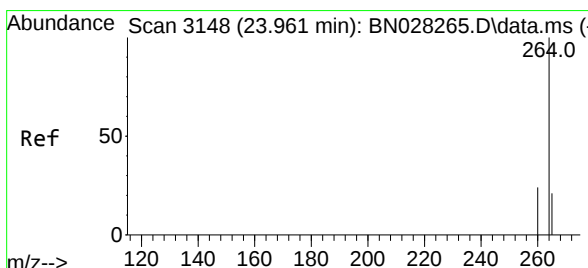
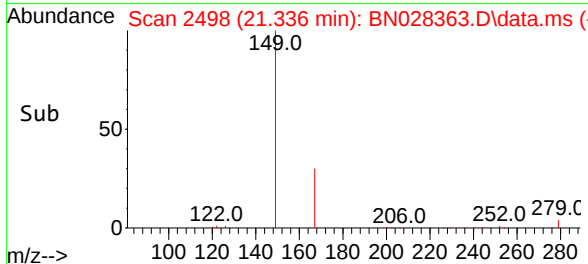
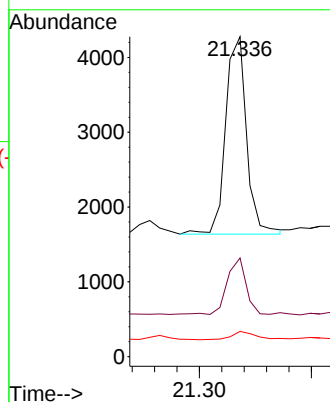
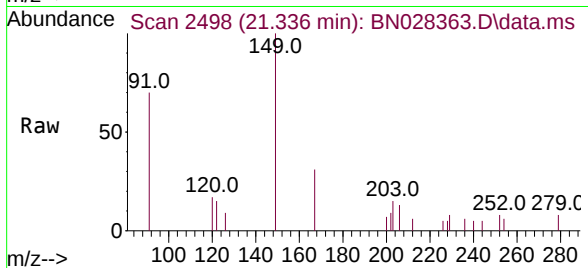




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028363.D
 Acq: 24 Oct 2023 02:13

Instrument :
 BNA_N
 ClientSampleId :
 MW-49I

Tgt Ion:149 Resp: 3417
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.6 34.0
 279 5.2 4.2 6.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.923 min Scan# 3135
 Delta R.T. -0.015 min
 Lab File: BN028363.D
 Acq: 24 Oct 2023 02:13

Tgt Ion:264 Resp: 13754
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.7 31.1
 265 62.1 38.3 57.5#

