

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027572.D
 Acq On : 11 Sep 2023 11:41
 Operator : MA/JU
 Sample : 04252-05
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-03-6-083023

Quant Time: Sep 12 01:31:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

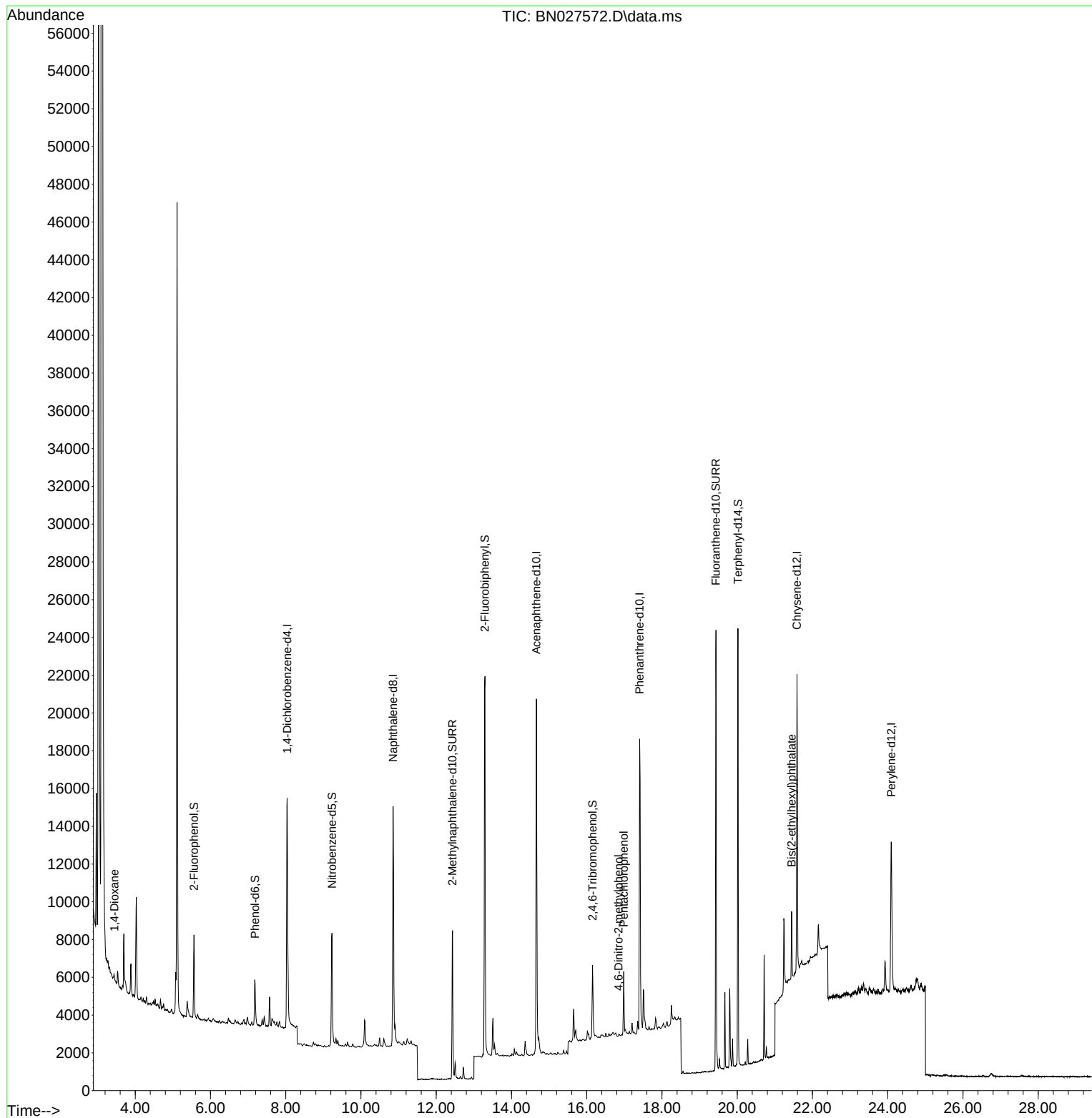
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6035	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18303	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11355	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	24023	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	15437	0.400	ng	0.00
35) Perylene-d12	24.095	264	13028	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3562	0.226	ng	0.00
5) Phenol-d6	7.185	99	2590	0.135	ng	0.00
8) Nitrobenzene-d5	9.230	82	5778	0.433	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	11240	0.418	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2418	0.575	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	20074	0.465	ng	0.00
27) Fluoranthene-d10	19.435	212	26225	0.439	ng	0.00
31) Terphenyl-d14	20.020	244	22673	0.731	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.444	88	162	0.022	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.847	198	8	0.023	ng	# 39
24) Pentachlorophenol	16.983	266	1900	0.329	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.444	149	3476	0.136	ng	# 99

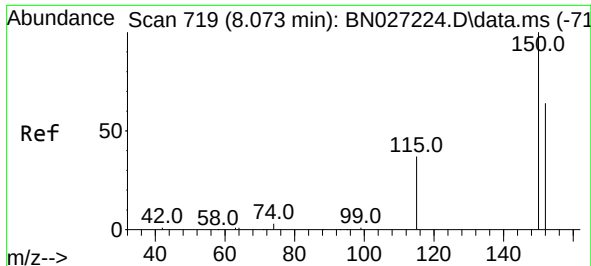
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
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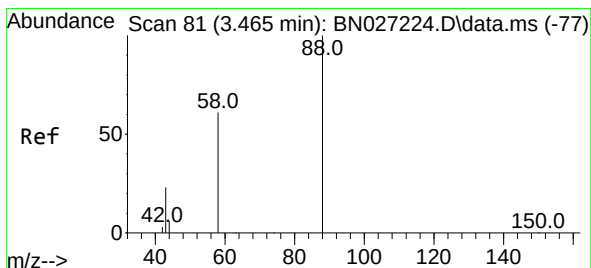
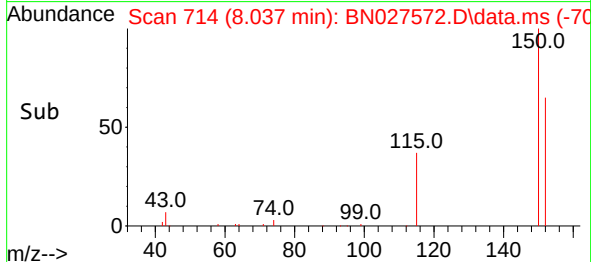
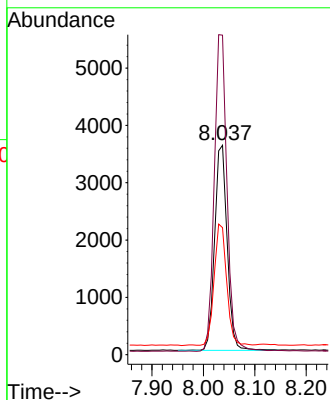
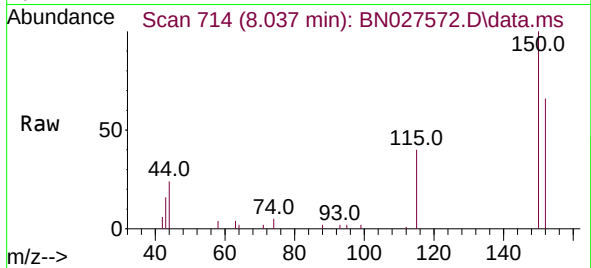




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

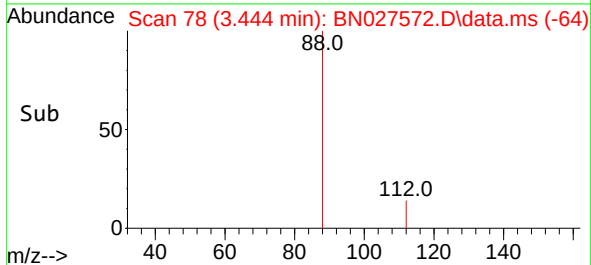
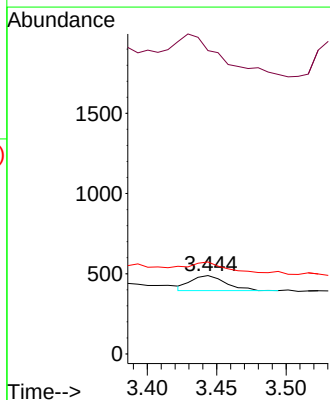
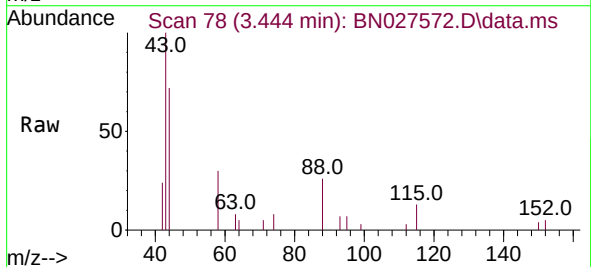
Instrument :
 BNA_N
 ClientSampleId :
 MW-03-6-083023

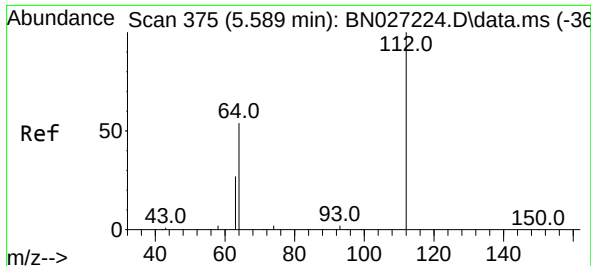
Tgt Ion:152 Resp: 6035
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.7 184.1
 115 60.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.444 min Scan# 78
 Delta R.T. -0.000 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

Tgt Ion: 88 Resp: 162
 Ion Ratio Lower Upper
 88 100
 43 403.7 19.1 28.7#
 58 108.6 52.2 78.2#





#4

2-Fluorophenol

Concen: 0.226 ng

RT: 5.560 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

Instrument :

BNA_N

ClientSampleId :

MW-03-6-083023

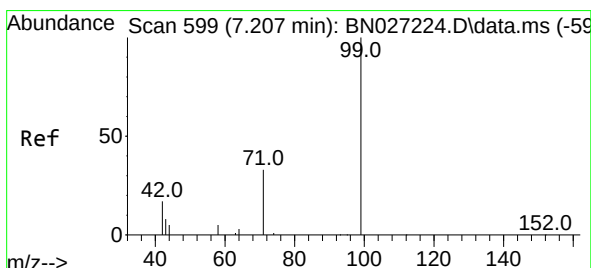
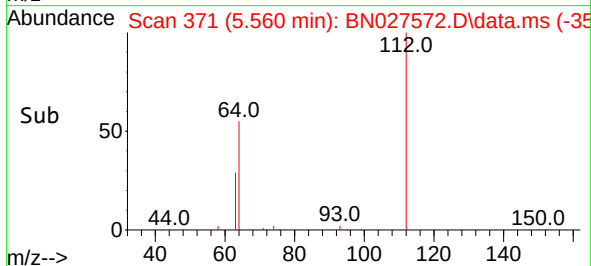
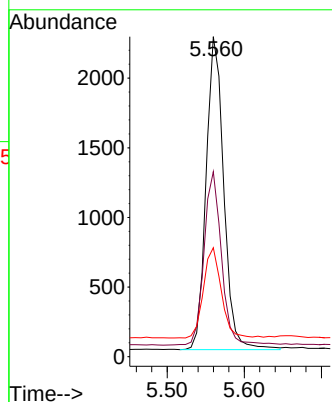
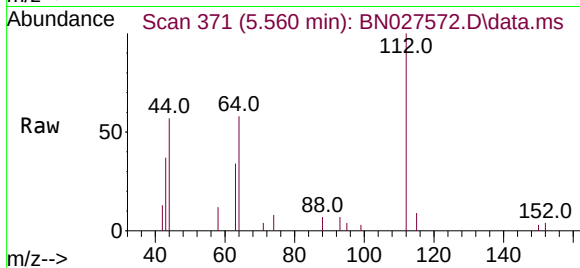
Tgt Ion:112 Resp: 3562

Ion Ratio Lower Upper

112 100

64 55.2 44.4 66.6

63 29.1 23.1 34.7



#5

Phenol-d6

Concen: 0.135 ng

RT: 7.185 min Scan# 596

Delta R.T. 0.007 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

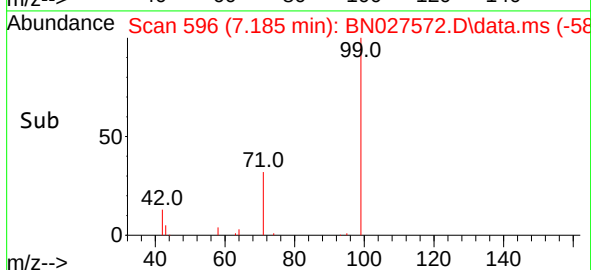
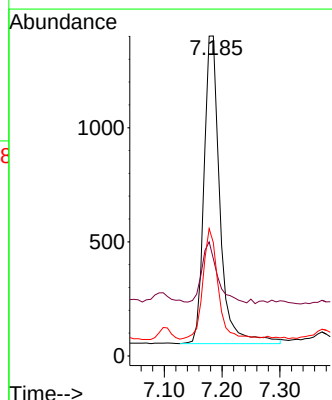
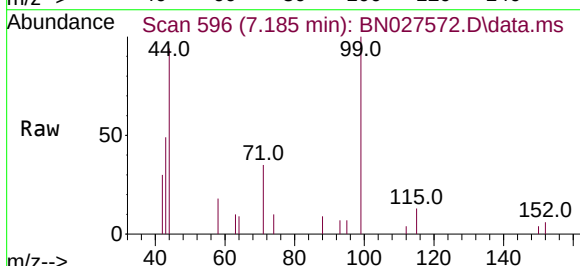
Tgt Ion: 99 Resp: 2590

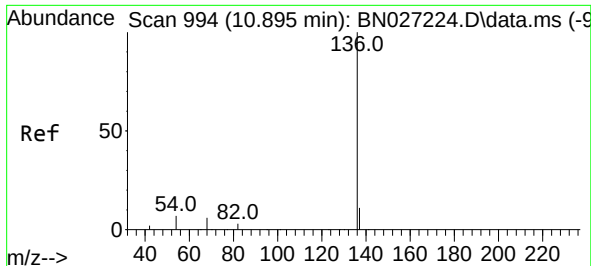
Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.3 25.8 38.6

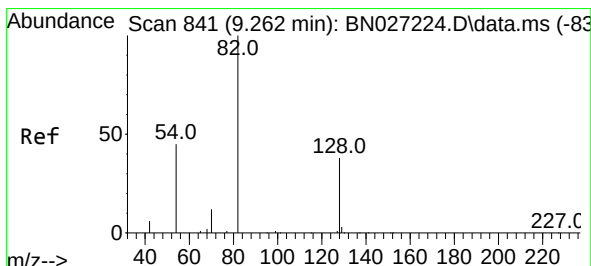
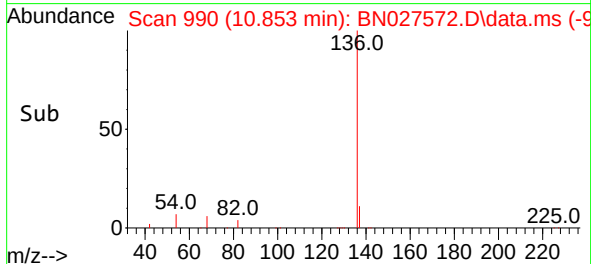
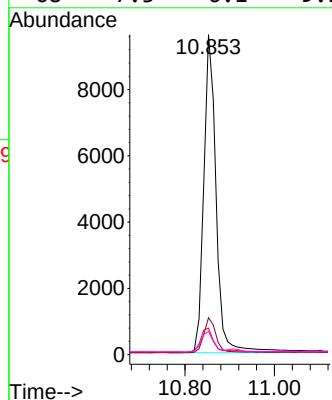
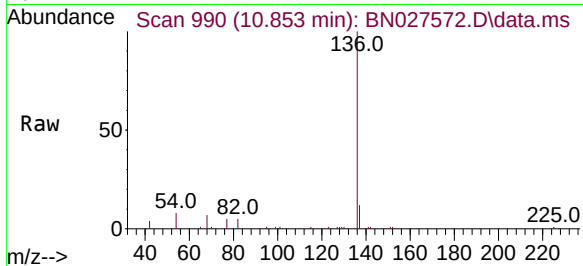




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027572.D
Acq: 11 Sep 2023 11:41

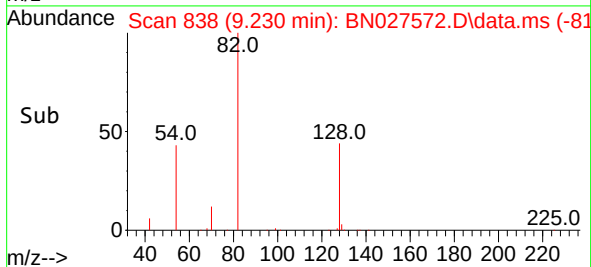
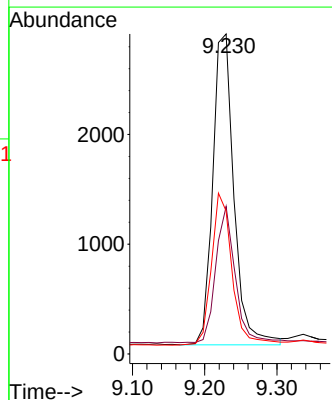
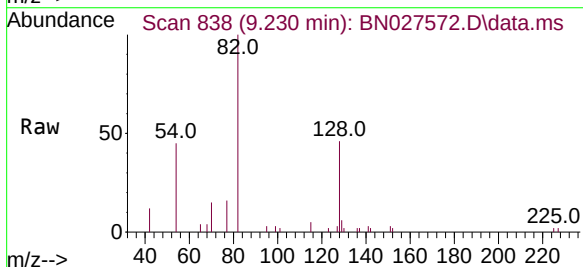
Instrument :
BNA_N
ClientSampleId :
MW-03-6-083023

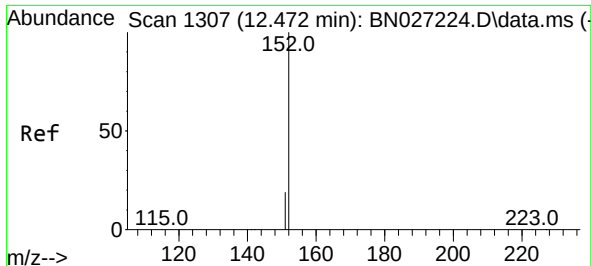
Tgt Ion:	136	Resp:	18303
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.3	6.7	10.1
68	7.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.011 min
Lab File: BN027572.D
Acq: 11 Sep 2023 11:41

Tgt Ion:	82	Resp:	5778
Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.4	50.0
54	44.7	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.430 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

Instrument :

BNA_N

ClientSampleId :

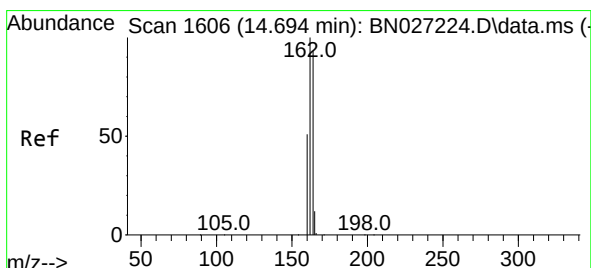
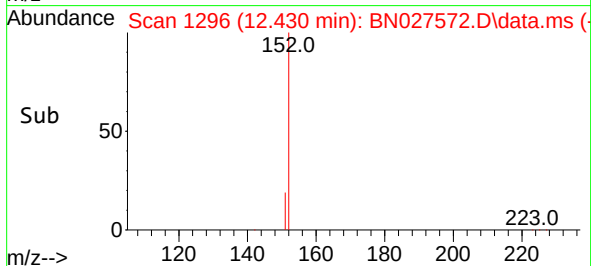
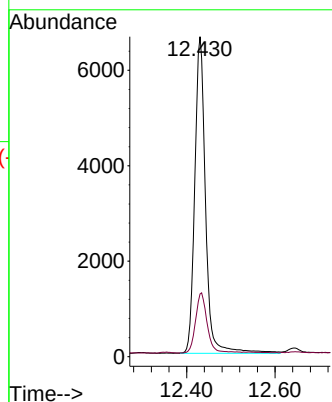
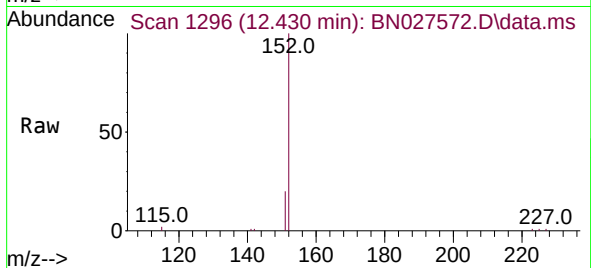
MW-03-6-083023

Tgt Ion:152 Resp: 11240

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

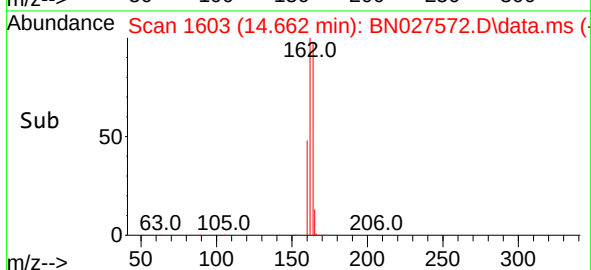
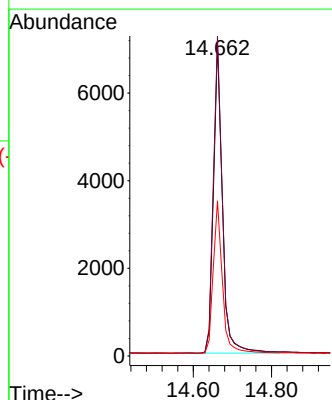
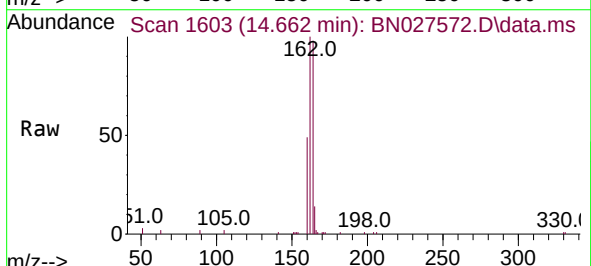
Tgt Ion:164 Resp: 11355

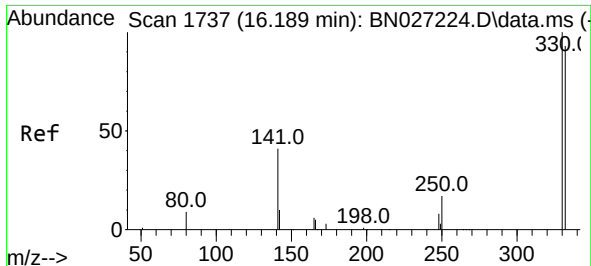
Ion Ratio Lower Upper

164 100

162 102.3 85.8 128.8

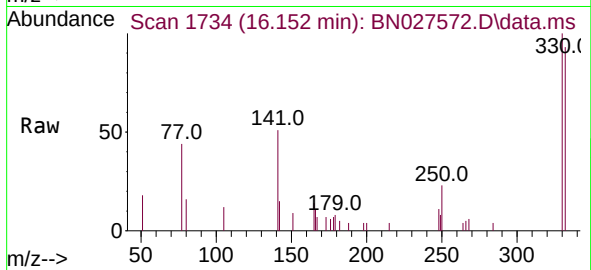
160 49.6 44.2 66.2



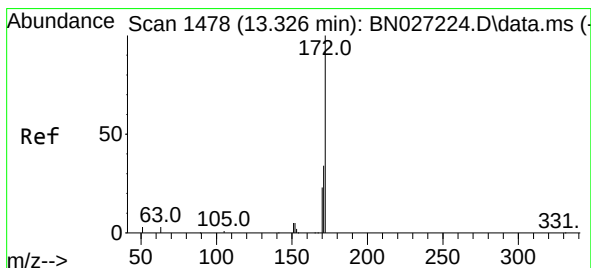
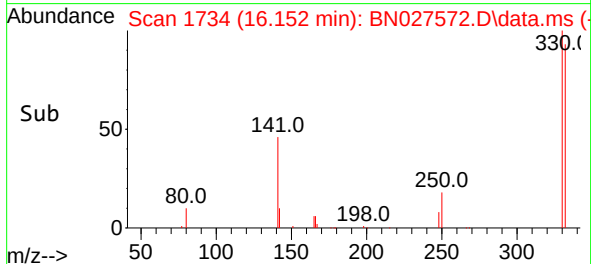
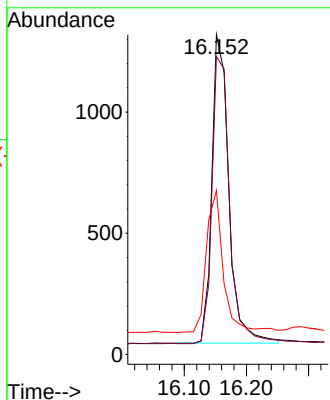


#14
2,4,6-Tribromophenol
Concen: 0.575 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027572.D
Acq: 11 Sep 2023 11:41

Instrument :
BNA_N
ClientSampleId :
MW-03-6-083023

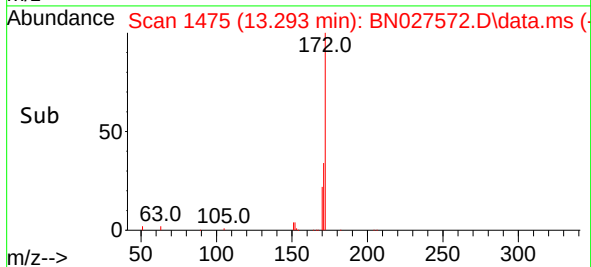
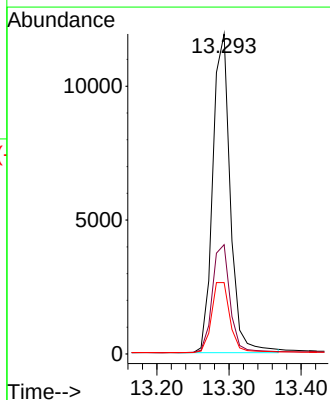
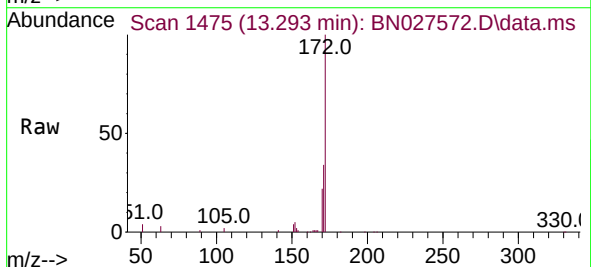


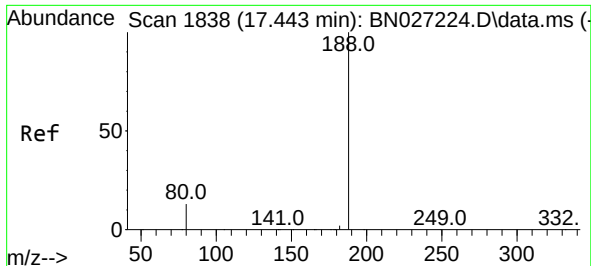
Tgt Ion:330 Resp: 2418
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 46.2 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027572.D
Acq: 11 Sep 2023 11:41

Tgt Ion:172 Resp: 20074
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.3 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.405 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

Instrument :

BNA_N

ClientSampleId :

MW-03-6-083023

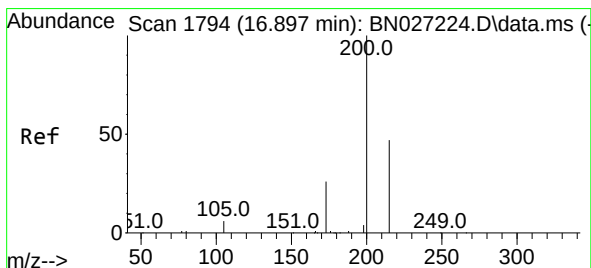
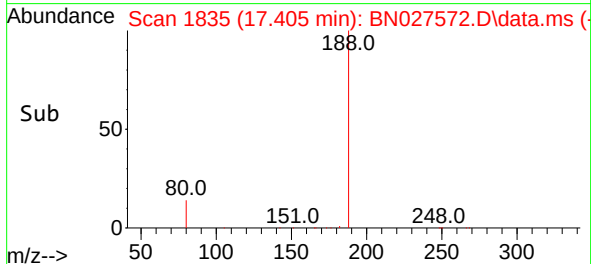
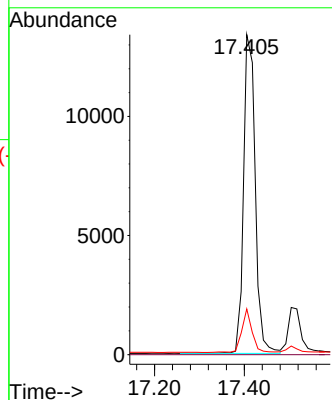
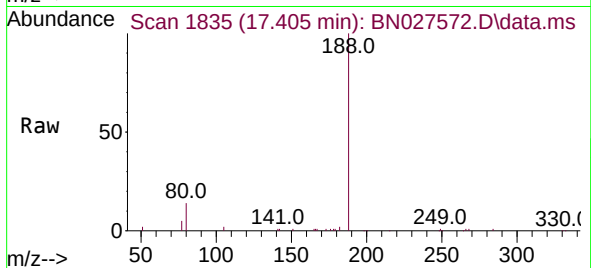
Tgt Ion:188 Resp: 24023

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.023 ng

RT: 16.847 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

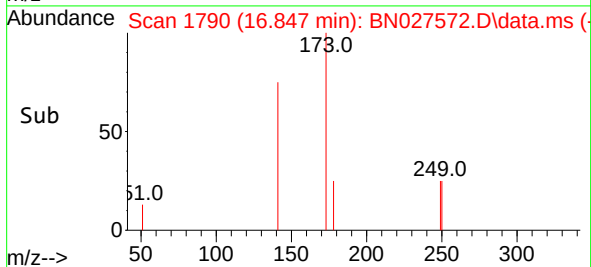
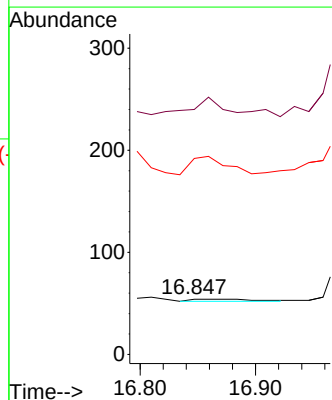
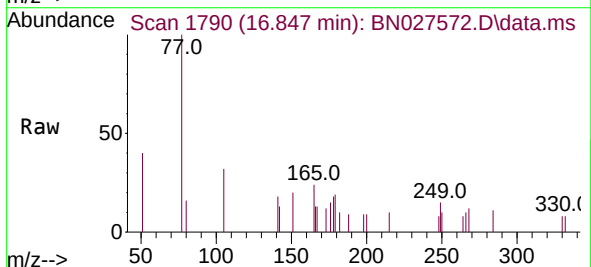
Tgt Ion:198 Resp: 8

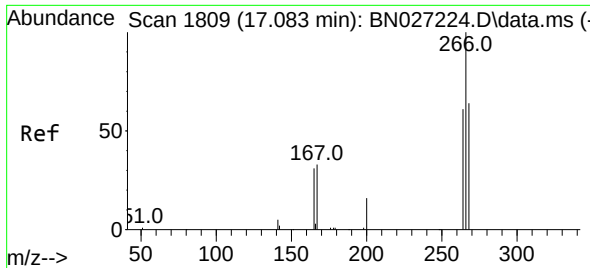
Ion Ratio Lower Upper

198 100

51 444.4 282.2 423.2#

105 355.6 168.7 253.1#

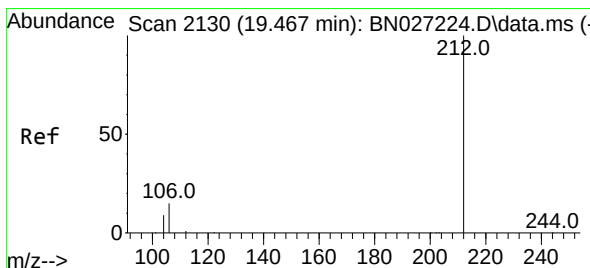
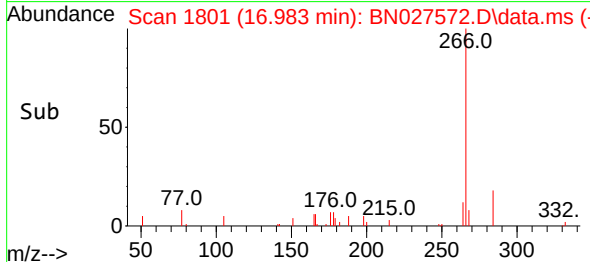
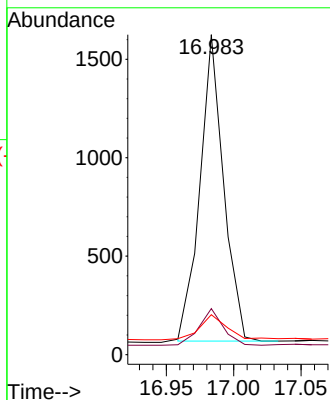
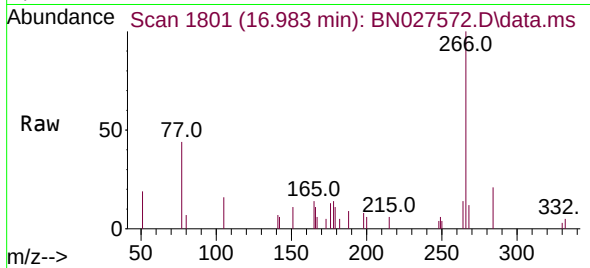




#24
 Pentachlorophenol
 Concen: 0.329 ng
 RT: 16.983 min Scan# 1801
 Delta R.T. -0.062 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

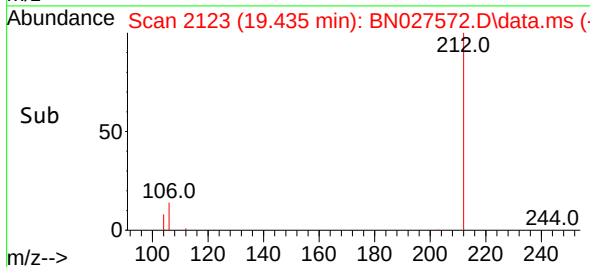
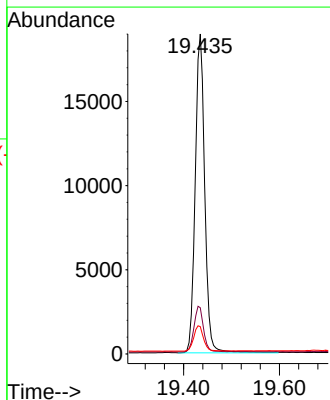
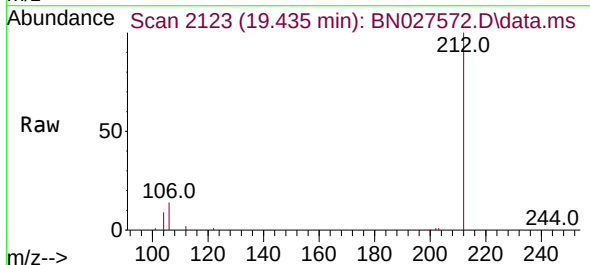
Instrument :
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 MW-03-6-083023

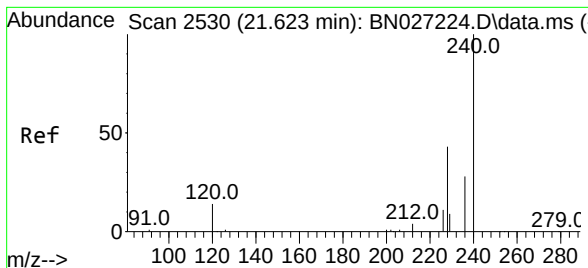
Tgt Ion:266 Resp: 1900
 Ion Ratio Lower Upper
 266 100
 264 12.0 50.3 75.5#
 268 8.8 52.0 78.0#



#27
 Fluoranthene-d10
 Concen: 0.439 ng
 RT: 19.435 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

Tgt Ion:212 Resp: 26225
 Ion Ratio Lower Upper
 212 100
 106 14.3 12.1 18.1
 104 8.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

Instrument :

BNA_N

ClientSampleId :

MW-03-6-083023

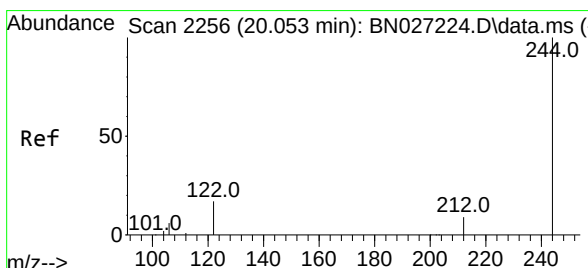
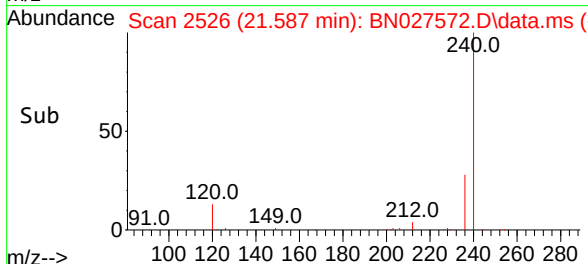
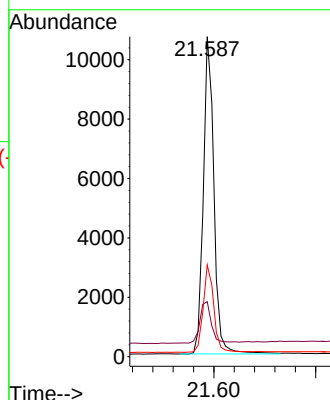
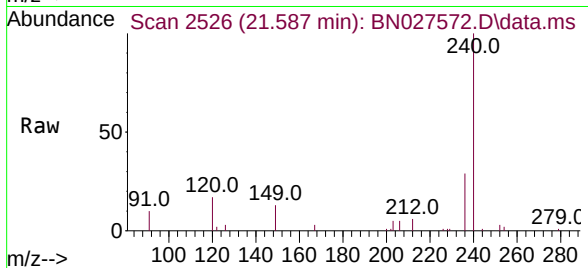
Tgt Ion:240 Resp: 15437

Ion Ratio Lower Upper

240 100

120 17.2 14.2 21.4

236 28.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.731 ng

RT: 20.020 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BN027572.D

Acq: 11 Sep 2023 11:41

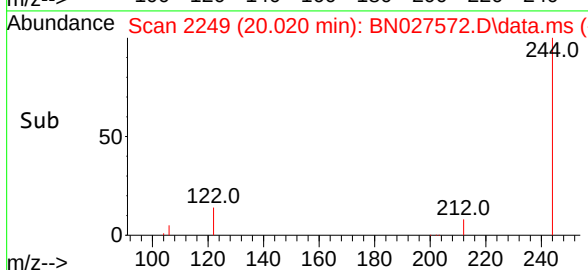
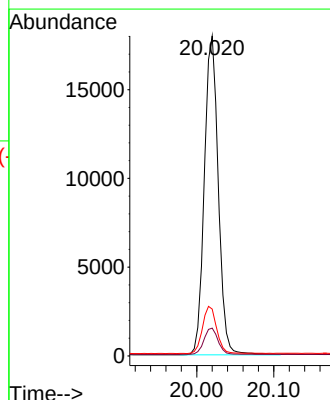
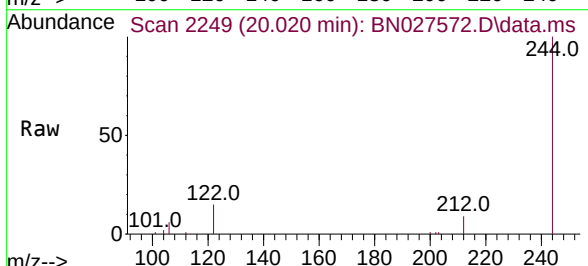
Tgt Ion:244 Resp: 22673

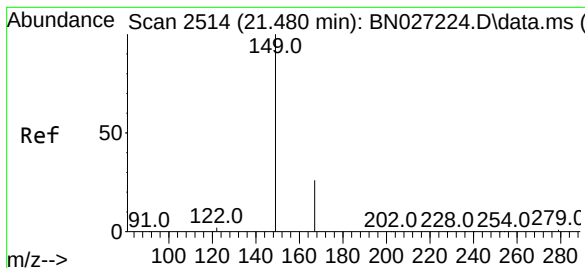
Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 14.7 14.0 21.0

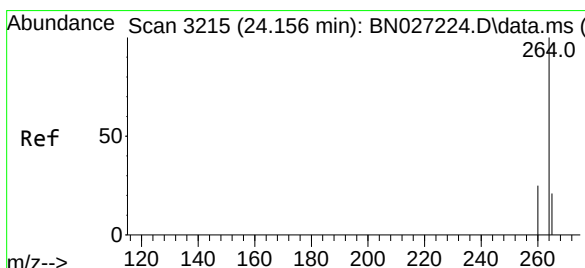
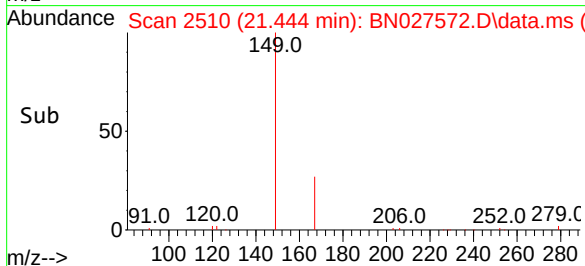
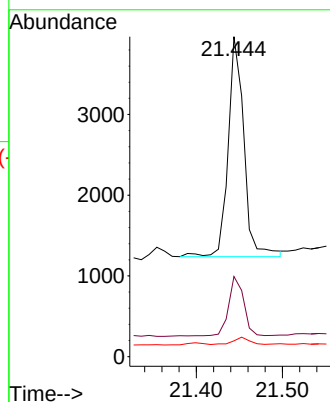
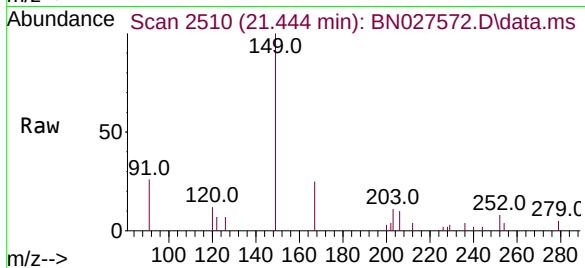




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.444 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

Instrument :
 BNA_N
 ClientSampleId :
 MW-03-6-083023

Tgt Ion:149 Resp: 3476
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 3.4 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 3194
 Delta R.T. -0.000 min
 Lab File: BN027572.D
 Acq: 11 Sep 2023 11:41

Tgt Ion:264 Resp: 13028
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.7 31.1
 265 75.7 53.3 79.9

