

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
 Data File : BN027751.D
 Acq On : 19 Sep 2023 16:10
 Operator : MA/JU
 Sample : 04287-01DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-090123DL

Quant Time: Sep 19 16:36:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

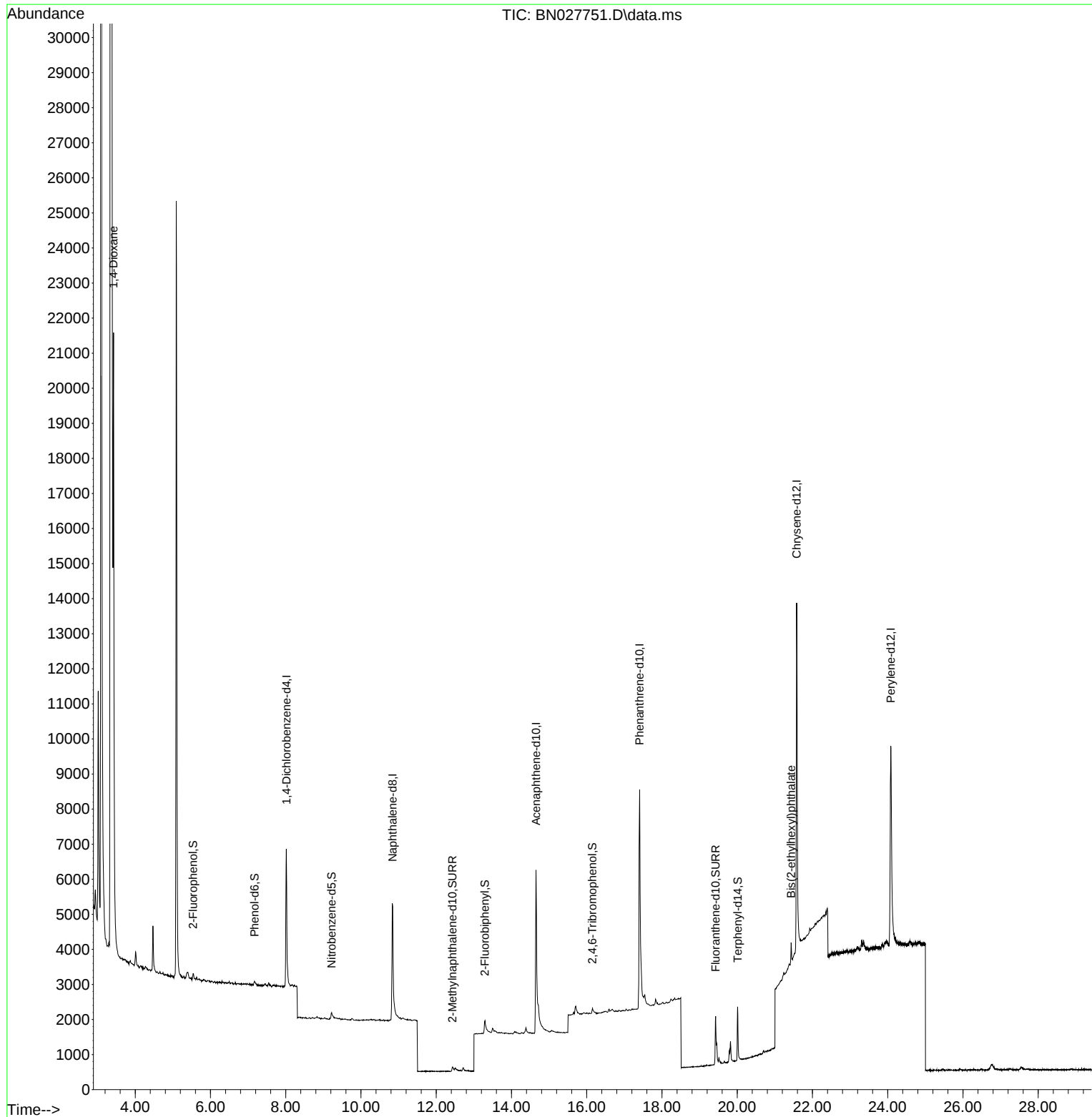
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	2181	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	6527	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	4451	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	13015	0.400	ng	0.01
29) Chrysene-d12	21.578	240	12128	0.400	ng	# 0.00
35) Perylene-d12	24.080	264	11368	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	174	0.030	ng	0.00
5) Phenol-d6	7.171	99	143	0.020	ng	0.01
8) Nitrobenzene-d5	9.219	82	281	0.053	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	356	0.037	ng	0.02
14) 2,4,6-Tribromophenol	16.152	330	130	0.063	ng	0.01
15) 2-Fluorobiphenyl	13.294	172	691	0.046	ng	0.02
27) Fluoranthene-d10	19.425	212	1825	0.050	ng	0.00
31) Terphenyl-d14	20.011	244	1829	0.080	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.422	88	9212	3.616	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	602	0.029	ng	# 93

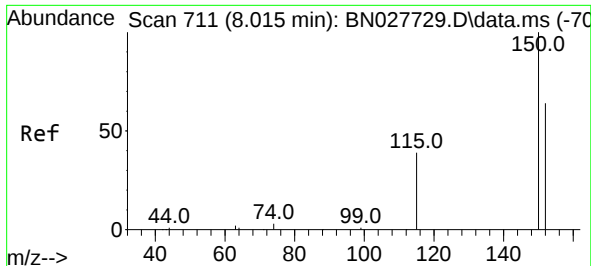
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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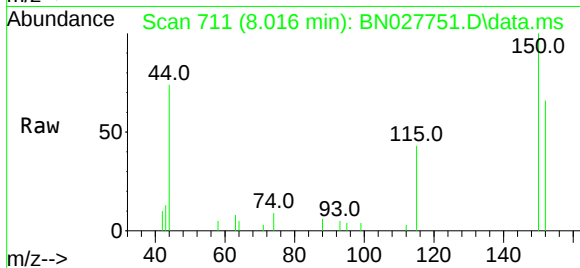
Quant Time: Sep 19 16:36:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration



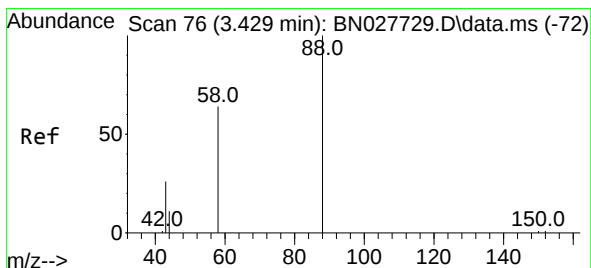
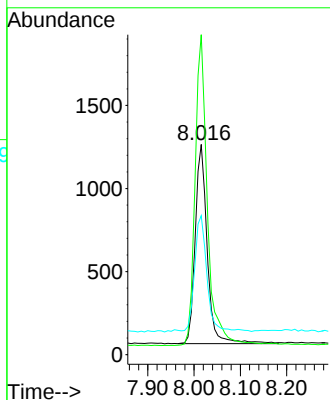
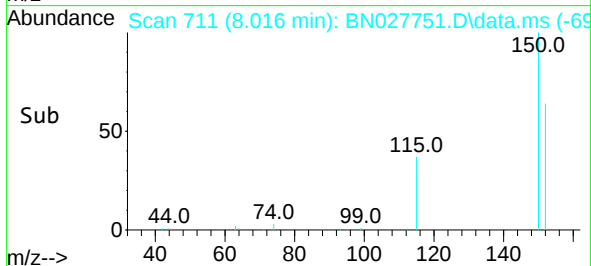


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.016 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BN027751.D
 Acq: 19 Sep 2023 16:10

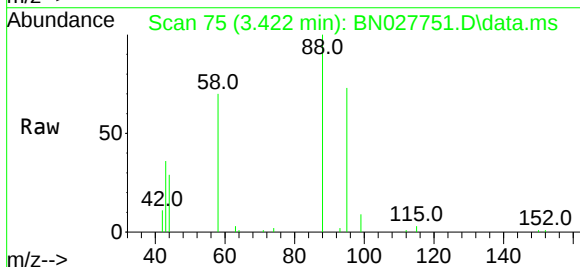
Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-090123DL



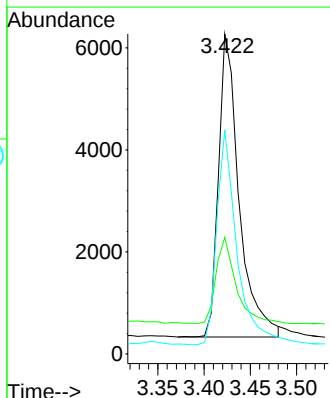
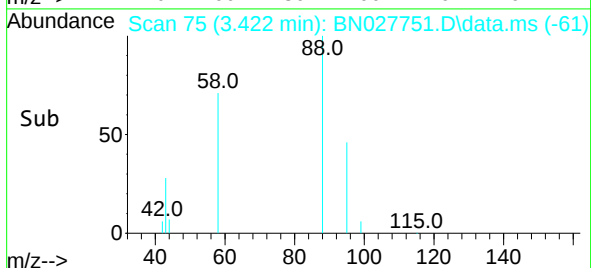
Tgt Ion: 152 Resp: 2181
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.2 178.8
 115 66.2 53.8 80.8

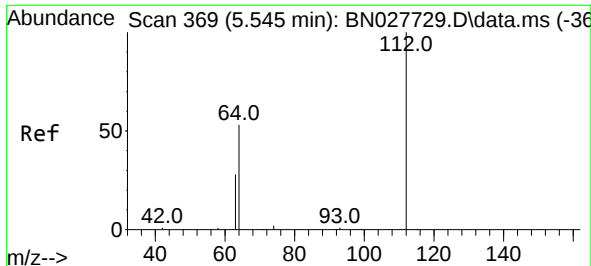


#2
 1,4-Dioxane
 Concen: 3.616 ng
 RT: 3.422 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BN027751.D
 Acq: 19 Sep 2023 16:10



Tgt Ion: 88 Resp: 9212
 Ion Ratio Lower Upper
 88 100
 43 27.2 21.5 32.3
 58 69.0 54.4 81.6

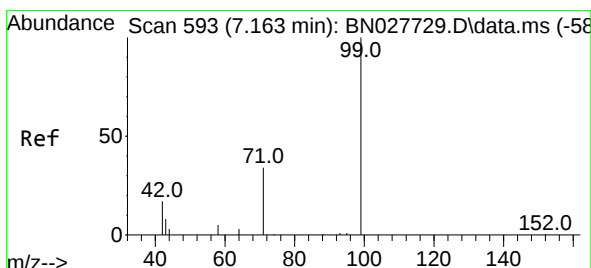
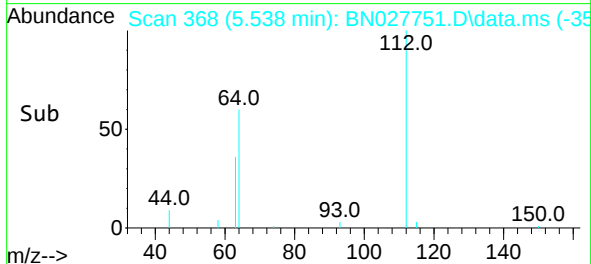
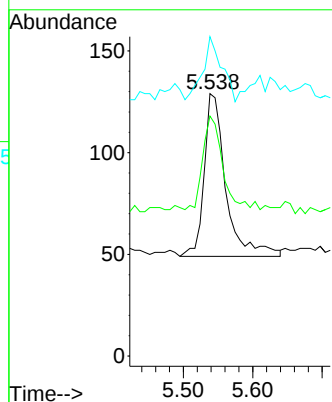
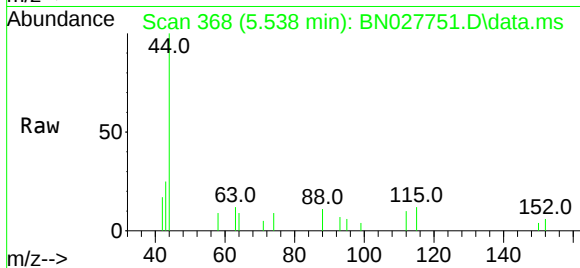




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.538 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

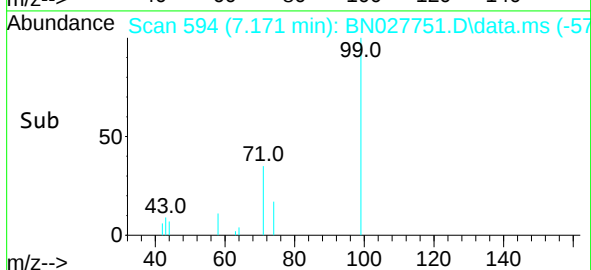
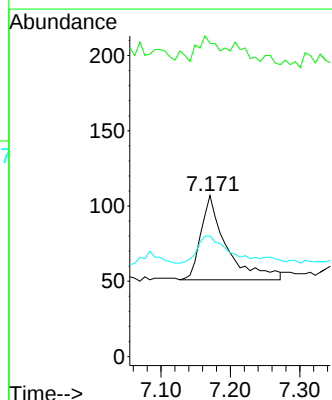
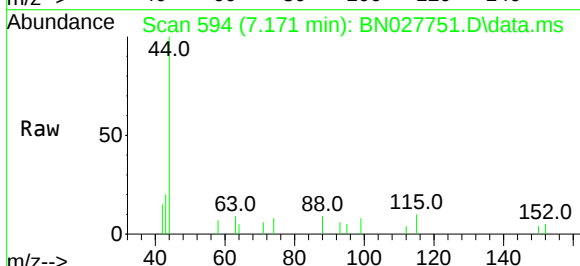
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-090123DL

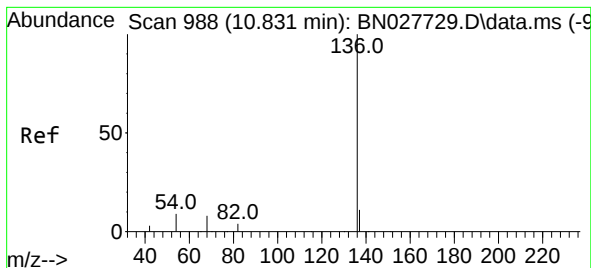
Tgt Ion:112 Resp: 174
Ion Ratio Lower Upper
112 100
64 56.9 45.0 67.6
63 35.1 24.1 36.1



#5
Phenol-d6
Concen: 0.020 ng
RT: 7.171 min Scan# 594
Delta R.T. 0.015 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

Tgt Ion: 99 Resp: 143
Ion Ratio Lower Upper
99 100
42 20.3 15.8 23.8
71 39.2 27.3 40.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.842 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-090123DL

Tgt Ion:136 Resp: 6527

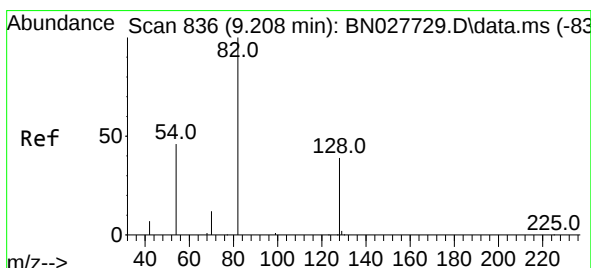
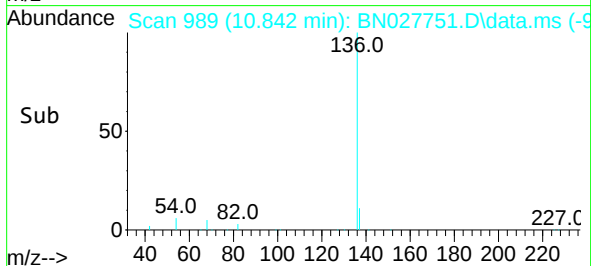
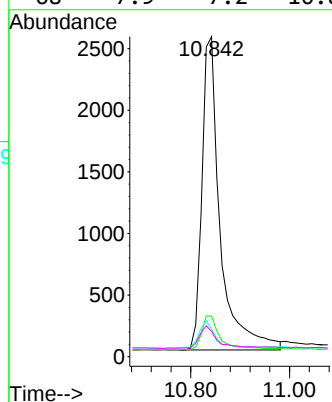
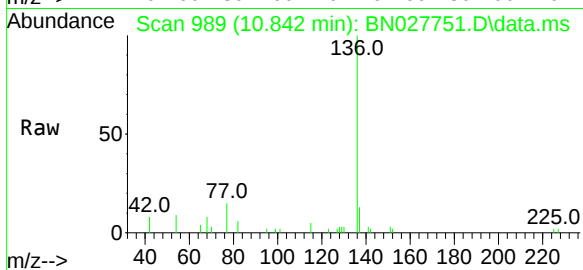
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 8.5 7.8 11.6

68 7.9 7.2 10.8



#8

Nitrobenzene-d5

Concen: 0.053 ng

RT: 9.219 min Scan# 837

Delta R.T. 0.011 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

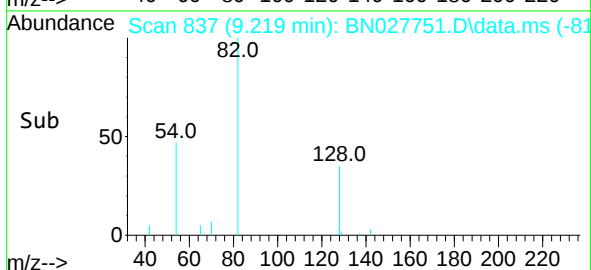
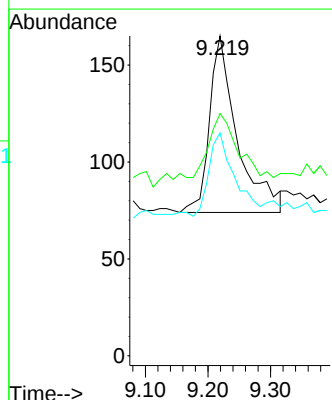
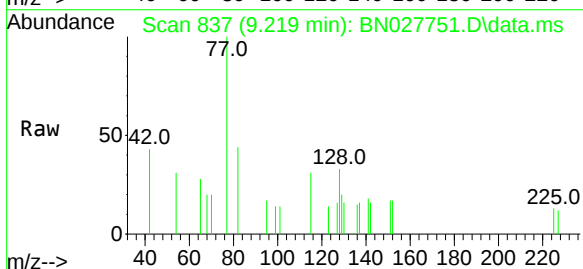
Tgt Ion: 82 Resp: 281

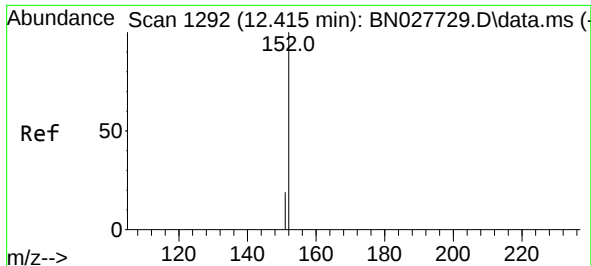
Ion Ratio Lower Upper

82 100

128 75.8 35.1 52.7#

54 69.7 35.1 52.7#

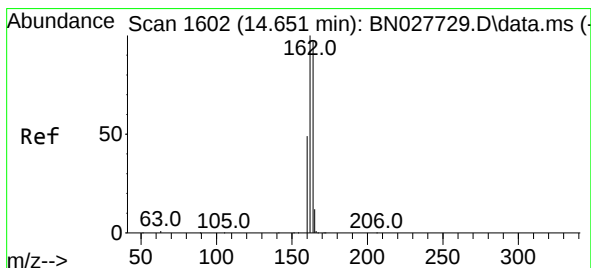
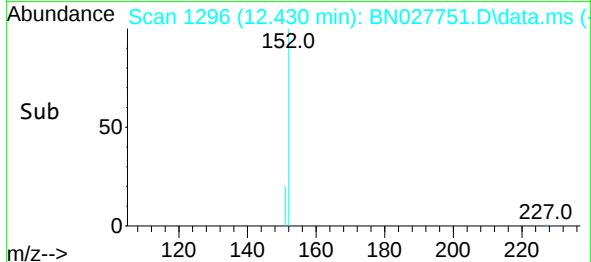
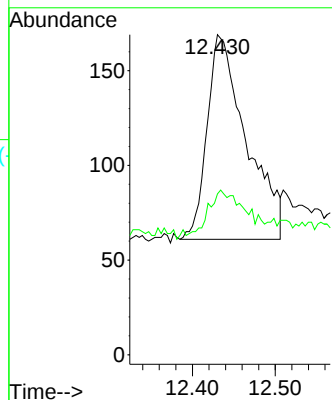
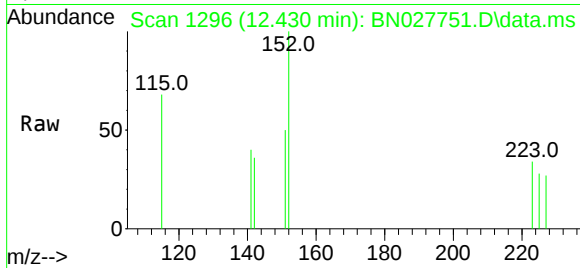




#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

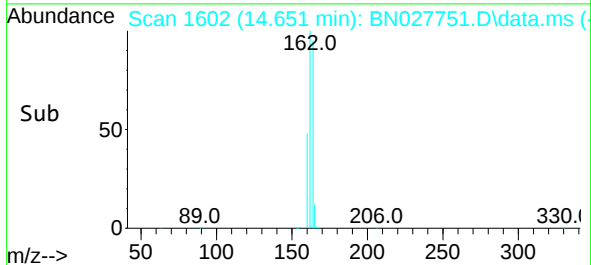
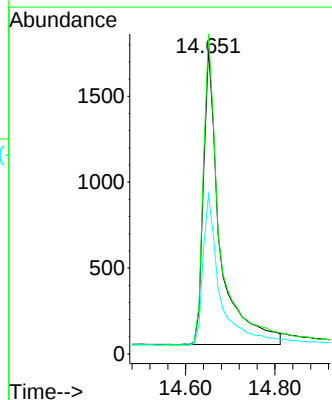
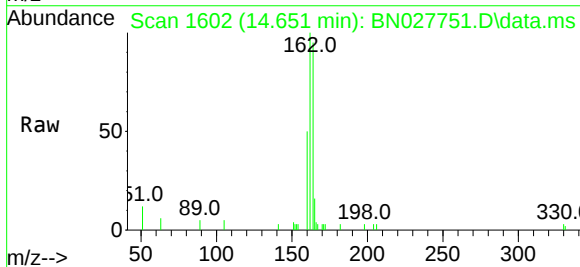
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-090123DL

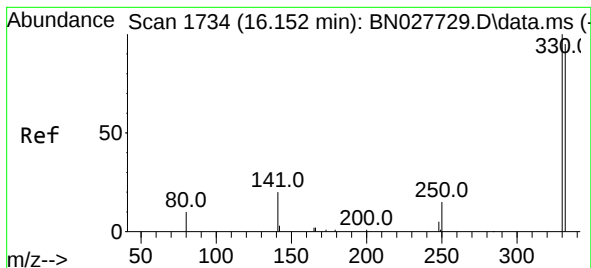
Tgt Ion:152 Resp: 356
Ion Ratio Lower Upper
152 100
151 18.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

Tgt Ion:164 Resp: 4451
Ion Ratio Lower Upper
164 100
162 104.8 83.4 125.2
160 52.2 41.0 61.4

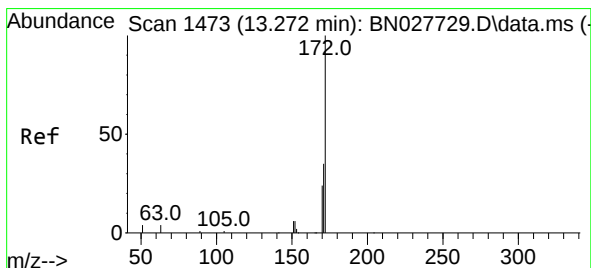
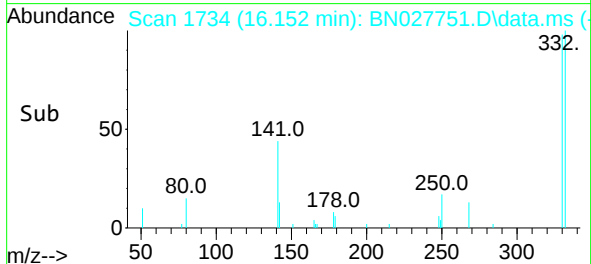
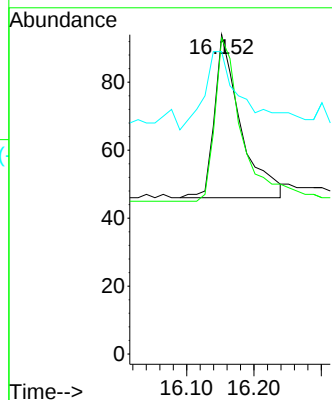
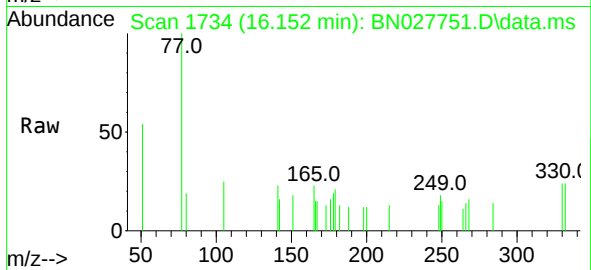




#14
2,4,6-Tribromophenol
Concen: 0.063 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

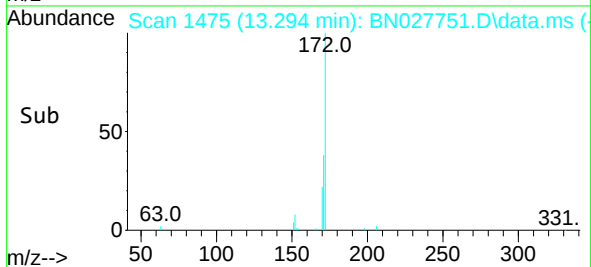
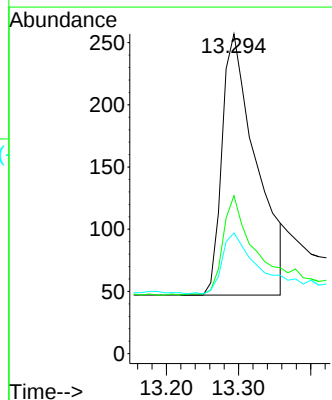
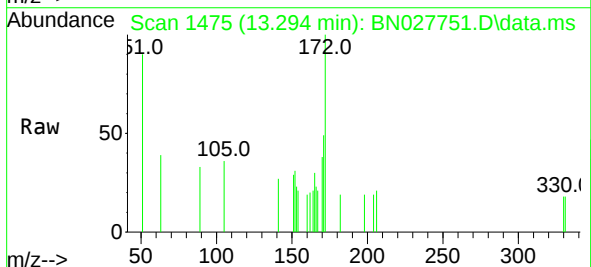
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ClientSampleId :
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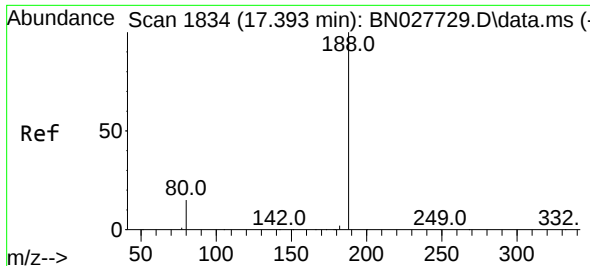
Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 102.3 76.6 115.0
141 67.7 38.2 57.2#



#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.294 min Scan# 1475
Delta R.T. 0.022 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

Tgt Ion:172 Resp: 691
Ion Ratio Lower Upper
172 100
171 49.4 27.6 41.4#
170 37.7 18.7 28.1#

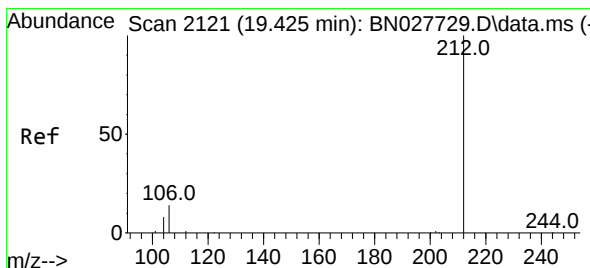
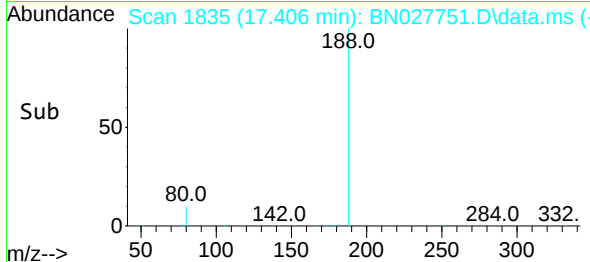
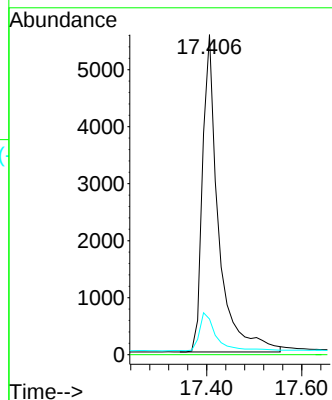
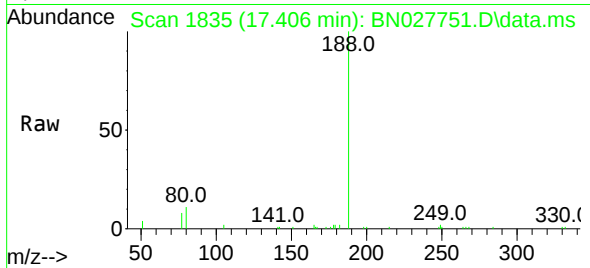




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. 0.013 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

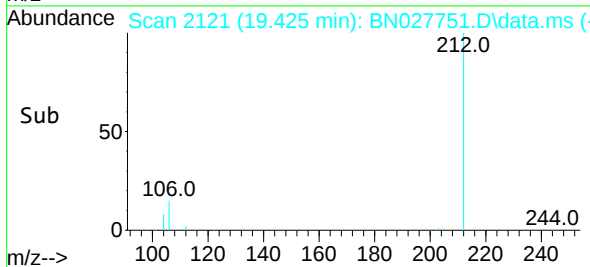
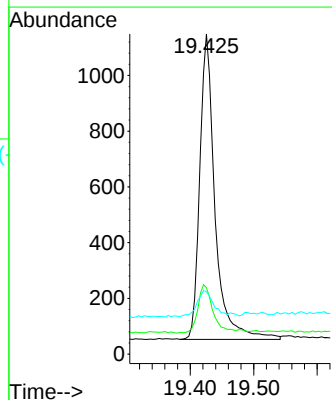
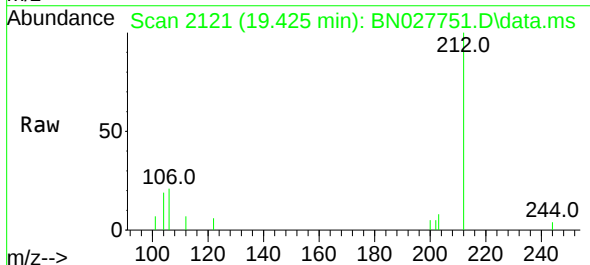
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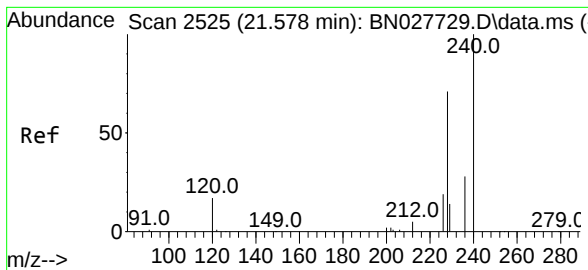
Tgt Ion:188 Resp: 13015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.050 ng
RT: 19.425 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BN027751.D
Acq: 19 Sep 2023 16:10

Tgt Ion:212 Resp: 1825
Ion Ratio Lower Upper
212 100
106 15.8 11.9 17.9
104 9.2 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-090123DL

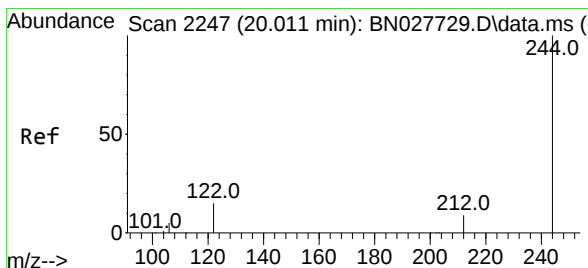
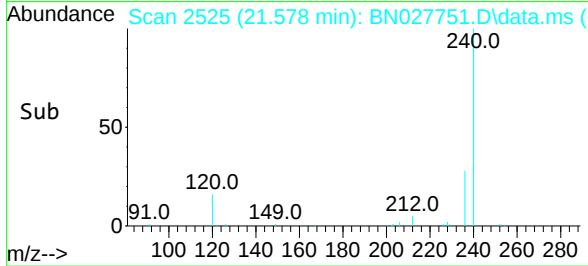
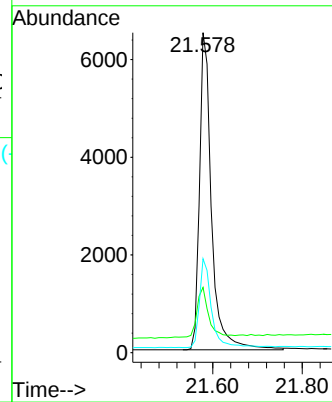
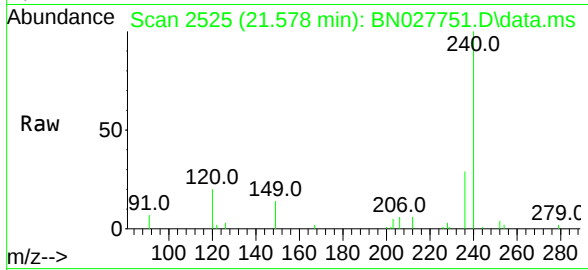
Tgt Ion:240 Resp: 12128

Ion Ratio Lower Upper

240 100

120 20.4 10.7 16.1#

236 29.3 22.4 33.6



#31

Terphenyl-d14

Concen: 0.080 ng

RT: 20.011 min Scan# 2247

Delta R.T. 0.005 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

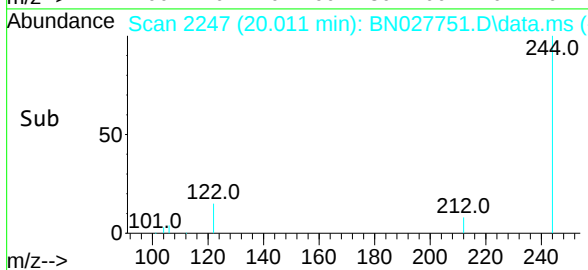
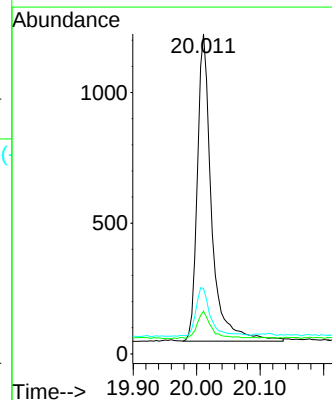
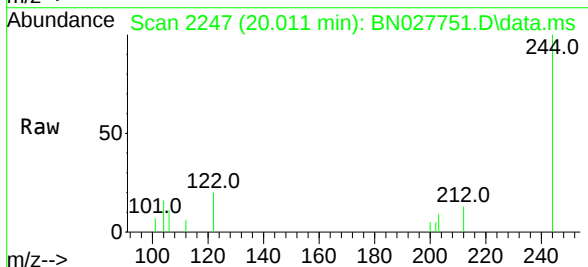
Tgt Ion:244 Resp: 1829

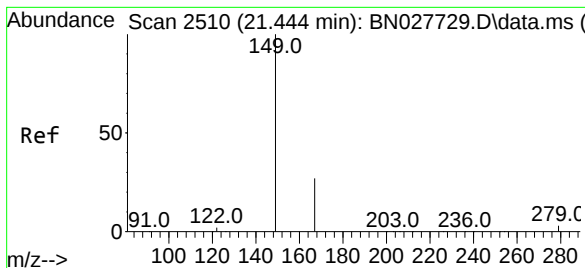
Ion Ratio Lower Upper

244 100

212 13.3 7.0 10.4#

122 20.4 12.7 19.1#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.435 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

Instrument :

BNA_N

ClientSampleId :

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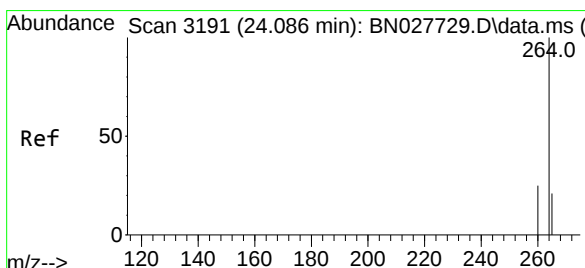
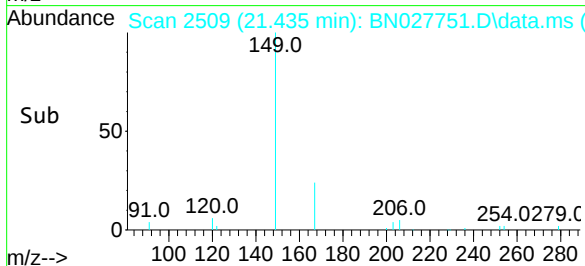
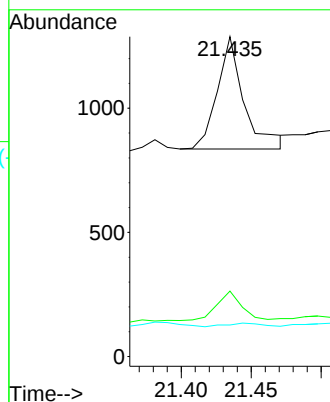
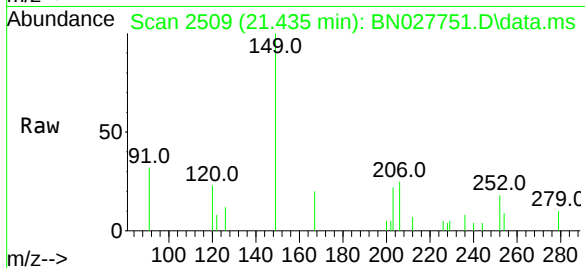
Tgt Ion:149 Resp: 602

Ion Ratio Lower Upper

149 100

167 30.4 21.5 32.3

279 4.3 2.3 3.5#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.080 min Scan# 3189

Delta R.T. 0.009 min

Lab File: BN027751.D

Acq: 19 Sep 2023 16:10

Tgt Ion:264 Resp: 11368

Ion Ratio Lower Upper

264 100

260 26.6 20.9 31.3

265 82.0 56.6 85.0

