

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027356.D
 Acq On : 01 Sep 2023 22:15
 Operator : MA/JU
 Sample : 04229-01DL 5X
 Misc :
 ALS Vial : 137 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-082923DL

Quant Time: Sep 02 01:55:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

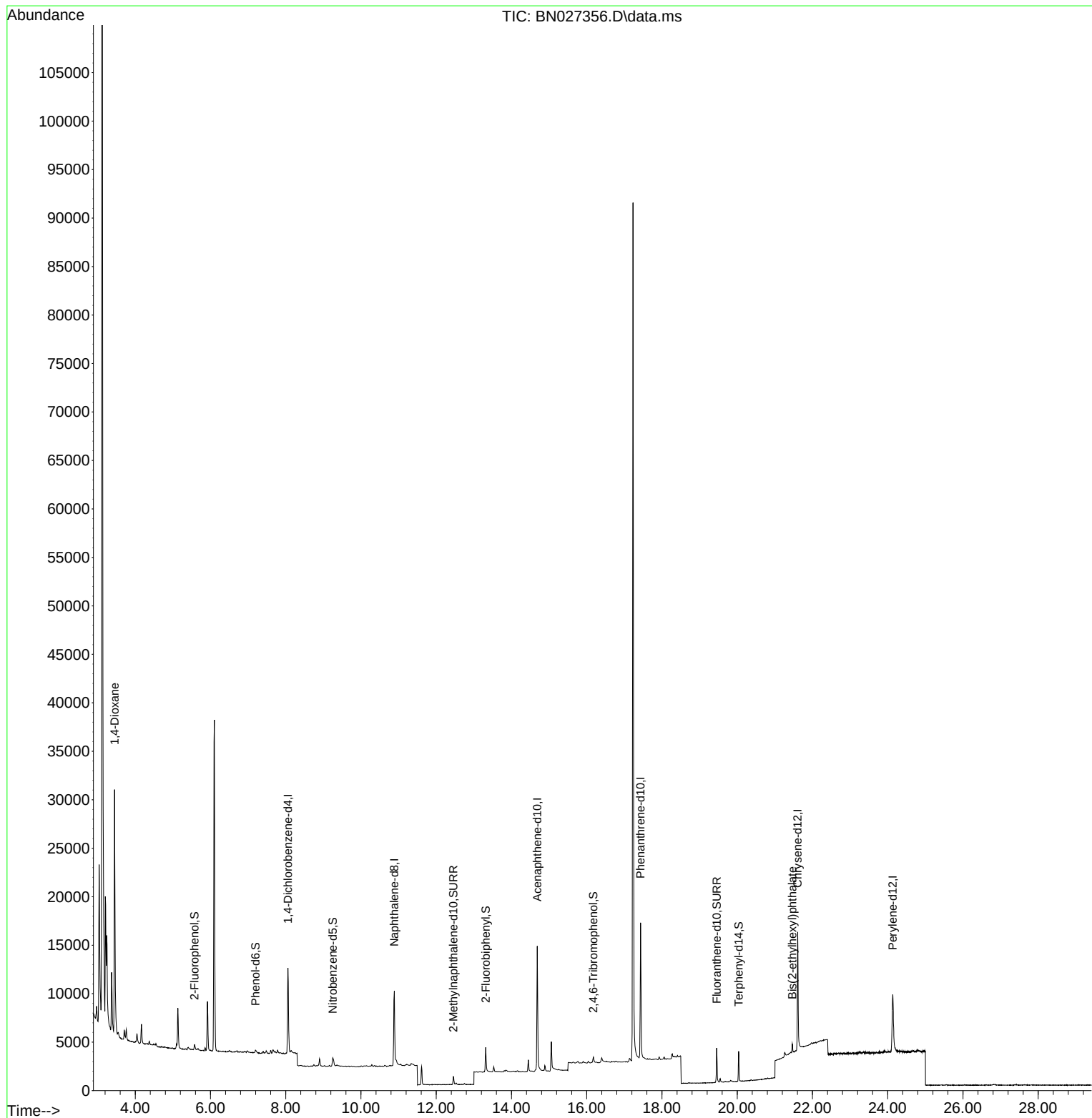
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4315	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	12306	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	7799	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	19455	0.400	ng	0.00
29) Chrysene-d12	21.605	240	13378	0.400	ng	0.00
35) Perylene-d12	24.133	264	11138	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	425	0.038	ng	0.00
5) Phenol-d6	7.199	99	293	0.021	ng	0.00
8) Nitrobenzene-d5	9.251	82	769	0.086	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	1372	0.076	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	322	0.112	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	2484	0.084	ng	0.00
27) Fluoranthene-d10	19.453	212	4030	0.083	ng	0.00
31) Terphenyl-d14	20.039	244	3166	0.118	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	18208	3.457	ng	95
34) Bis(2-ethylhexyl)phtha...	21.462	149	905	0.041	ng	94

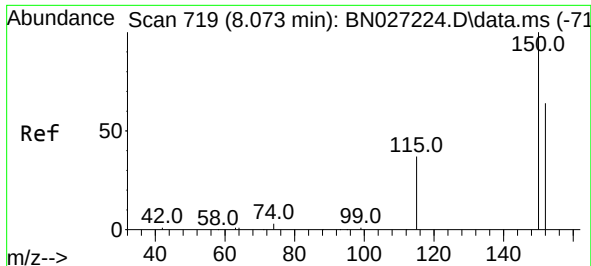
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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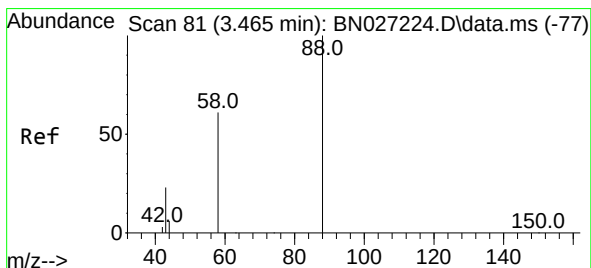
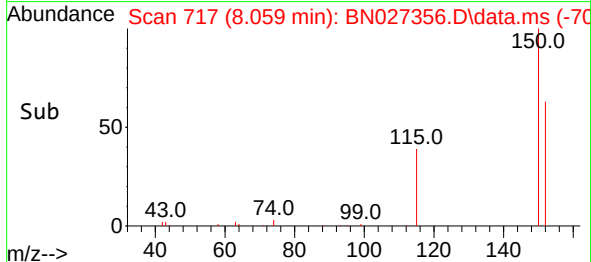
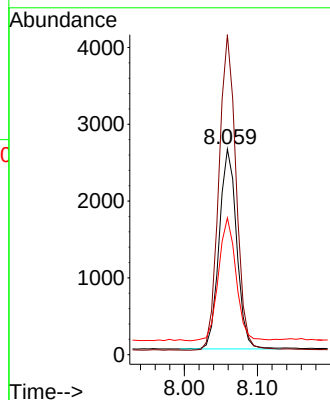
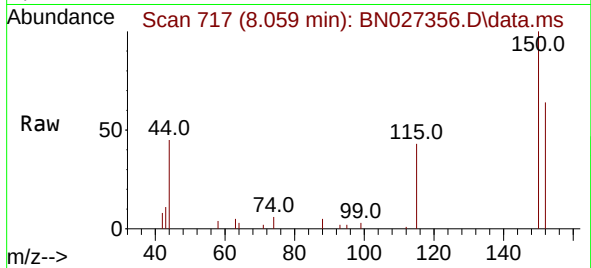




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027356.D
 Acq: 01 Sep 2023 22:15

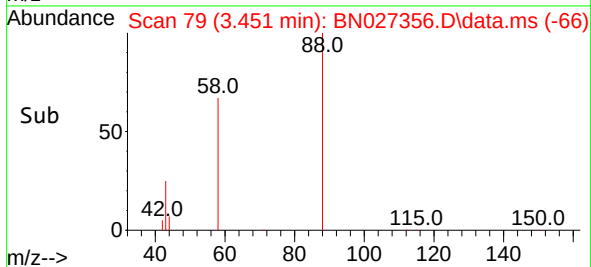
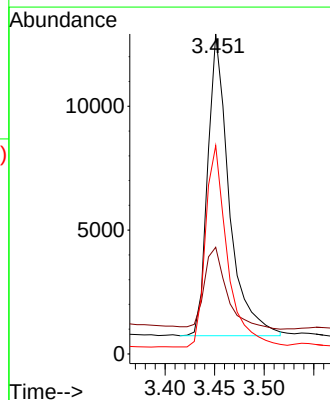
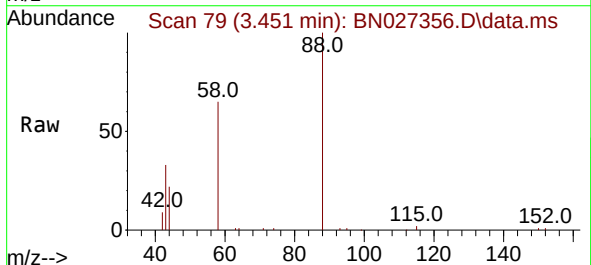
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-082923DL

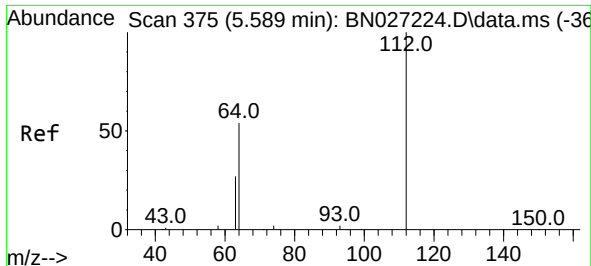
Tgt Ion:152 Resp: 4315
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 66.5 48.6 73.0



#2
 1,4-Dioxane
 Concen: 3.457 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BN027356.D
 Acq: 01 Sep 2023 22:15

Tgt Ion: 88 Resp: 18208
 Ion Ratio Lower Upper
 88 100
 43 28.7 19.1 28.7
 58 68.3 52.2 78.2

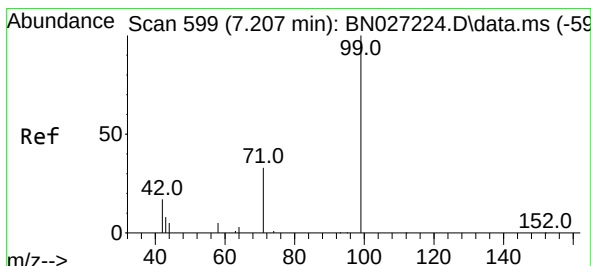
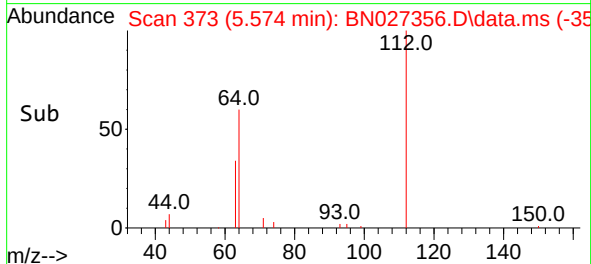
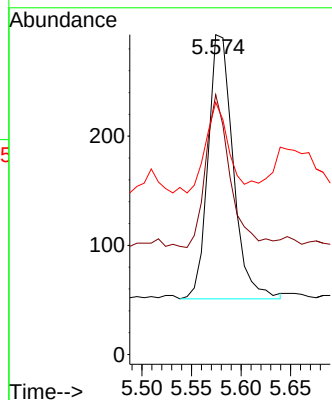
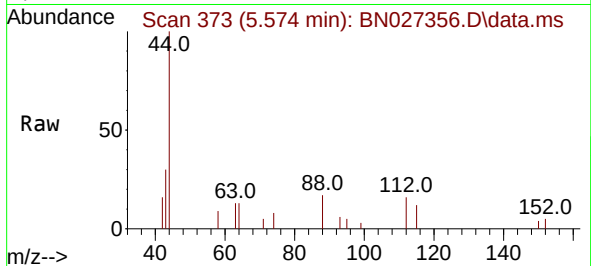




#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

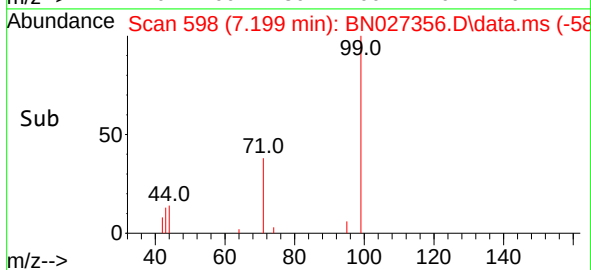
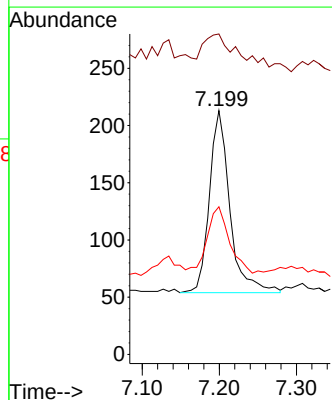
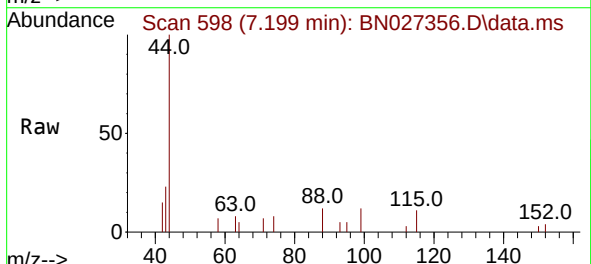
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-082923DL

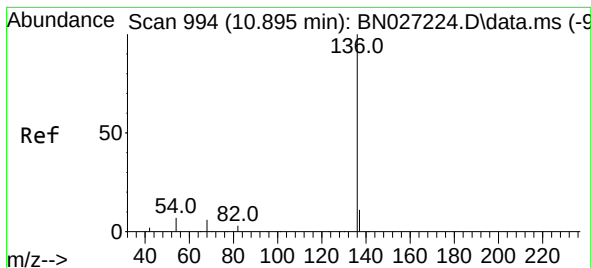
Tgt Ion:112 Resp: 425
Ion Ratio Lower Upper
112 100
64 55.1 44.4 66.6
63 33.2 23.1 34.7



#5
Phenol-d6
Concen: 0.021 ng
RT: 7.199 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

Tgt Ion: 99 Resp: 293
Ion Ratio Lower Upper
99 100
42 38.6 14.5 21.7#
71 37.9 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027356.D

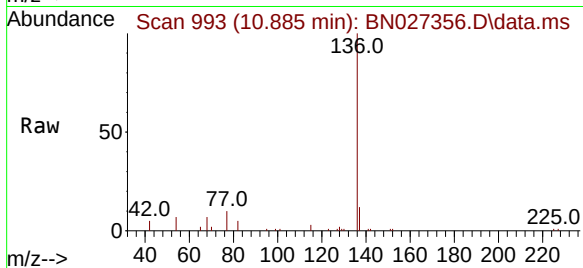
Acq: 01 Sep 2023 22:15

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-082923DL



Tgt Ion:136 Resp: 12306

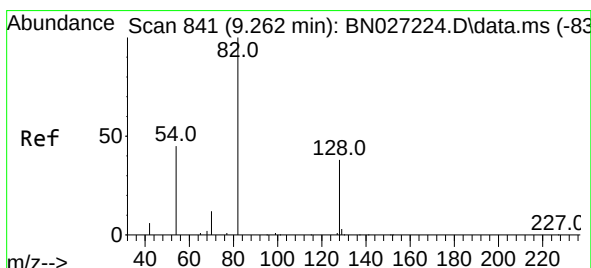
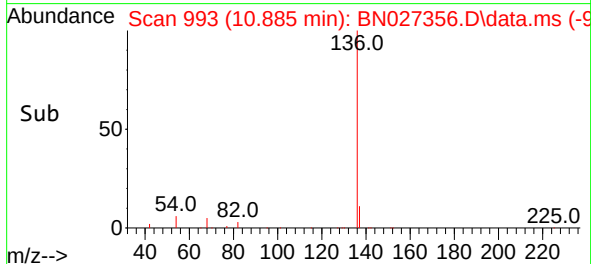
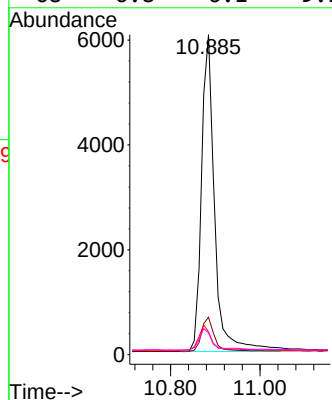
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.2 6.7 10.1

68 6.8 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.086 ng

RT: 9.251 min Scan# 840

Delta R.T. 0.000 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

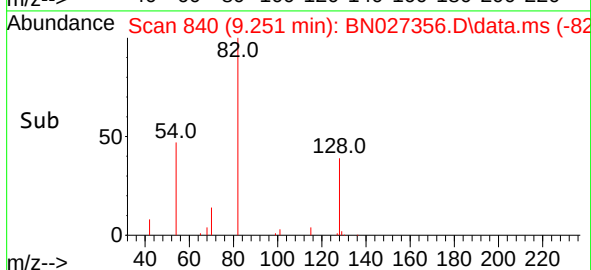
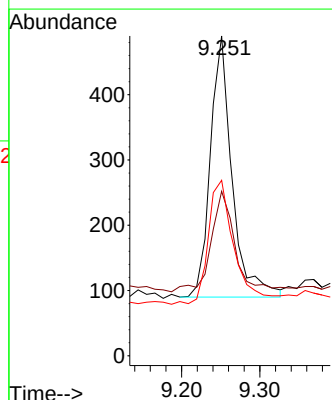
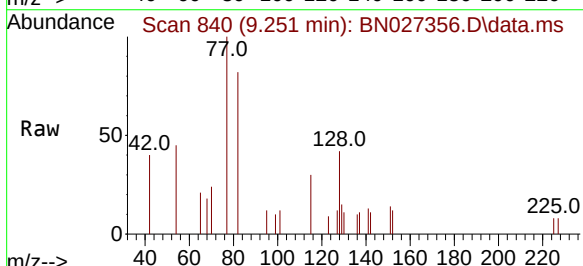
Tgt Ion: 82 Resp: 769

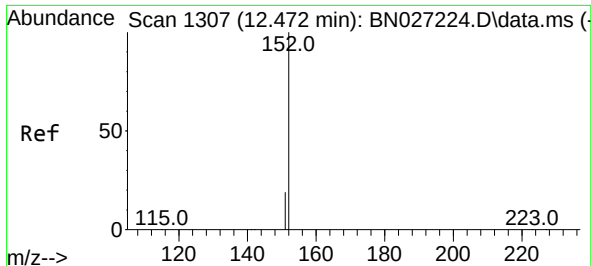
Ion Ratio Lower Upper

82 100

128 51.4 33.4 50.0#

54 54.9 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.076 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

Instrument :

BNA_N

ClientSampleId :

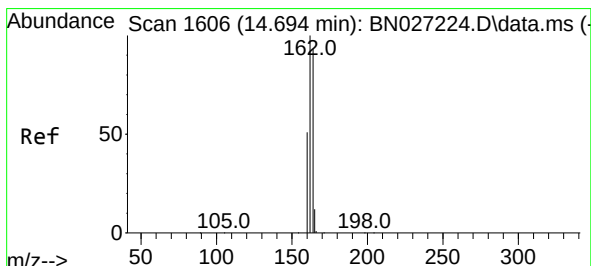
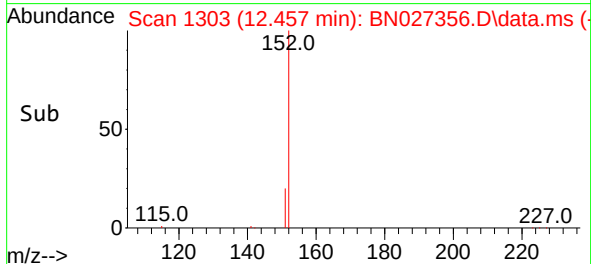
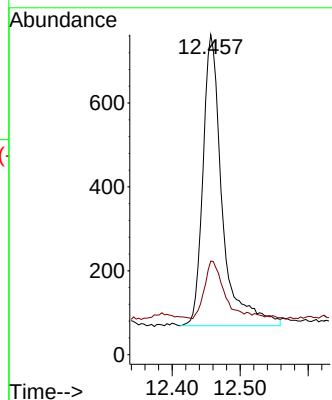
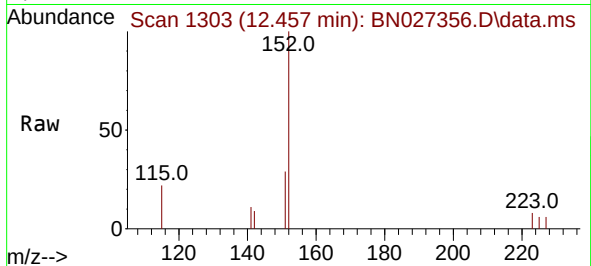
BR-03D-490-082923DL

Tgt Ion:152 Resp: 1372

Ion Ratio Lower Upper

152 100

151 20.0 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

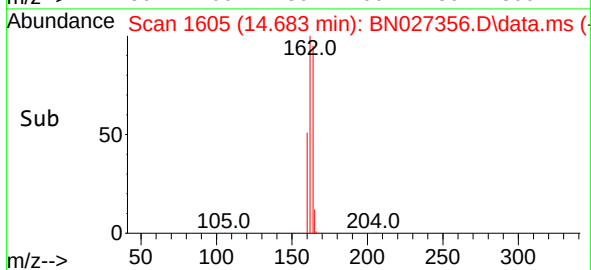
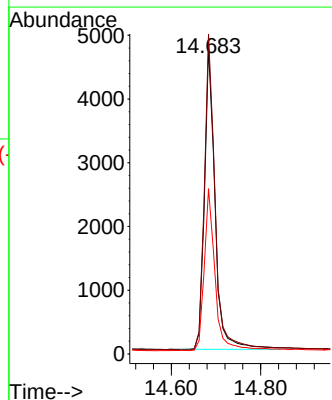
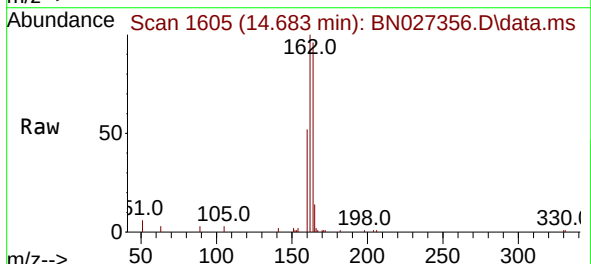
Tgt Ion:164 Resp: 7799

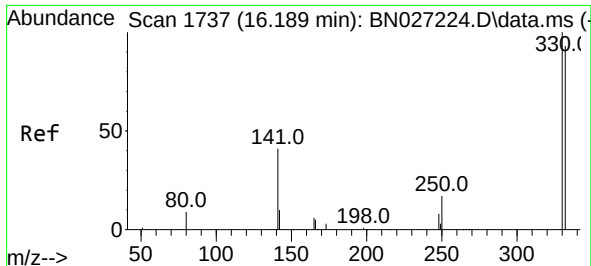
Ion Ratio Lower Upper

164 100

162 104.5 85.8 128.8

160 54.0 44.2 66.2

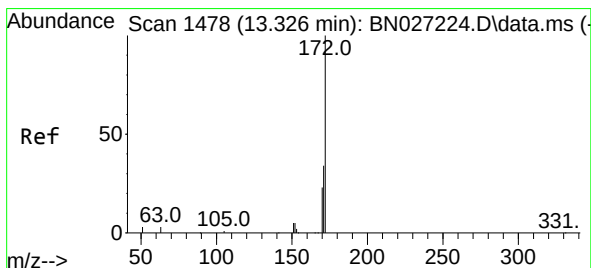
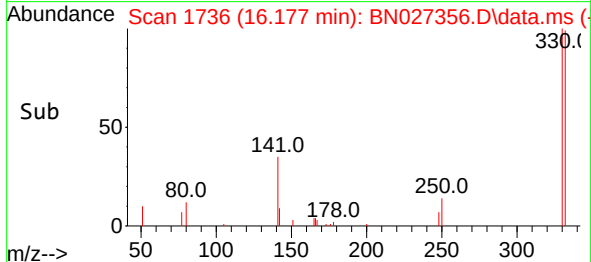
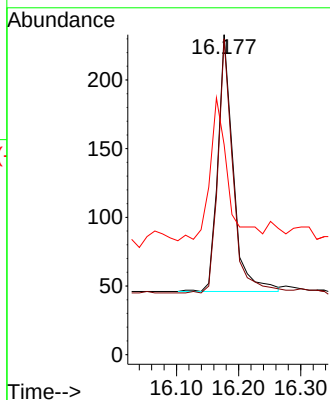
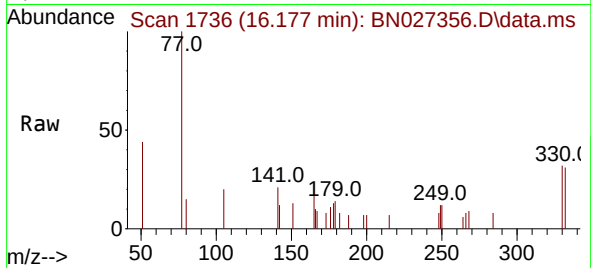




#14
2,4,6-Tribromophenol
Concen: 0.112 ng
RT: 16.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

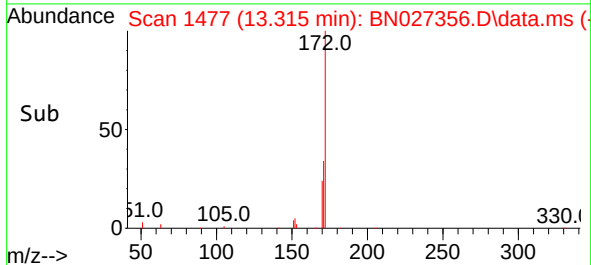
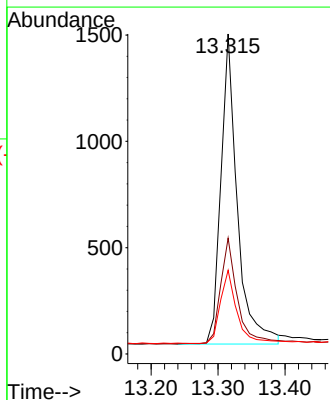
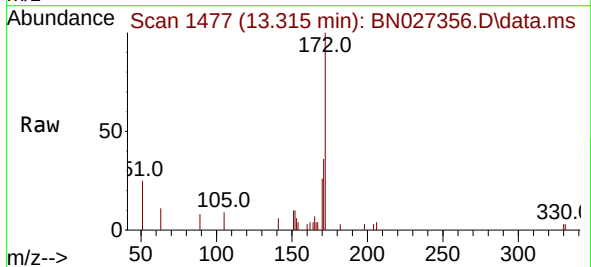
Instrument :
BNA_N
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BR-03D-490-082923DL

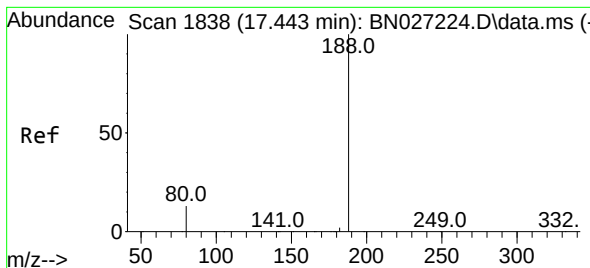
Tgt Ion:330 Resp: 322
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 64.9 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 13.315 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

Tgt Ion:172 Resp: 2484
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 26.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-082923DL

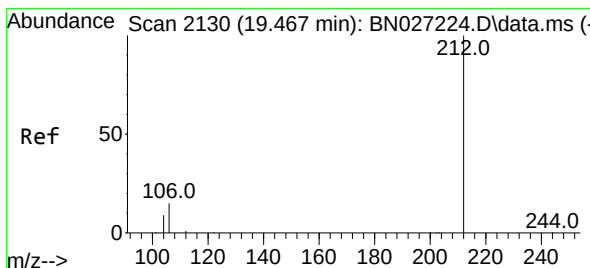
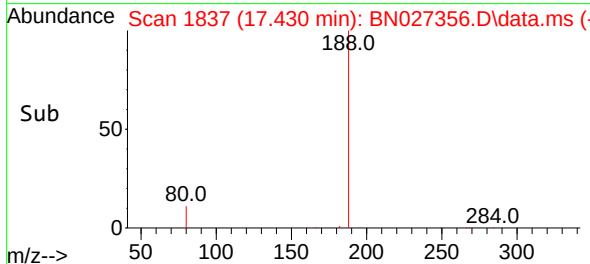
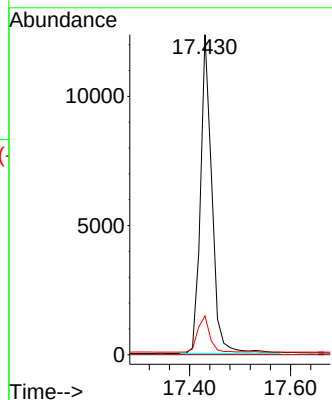
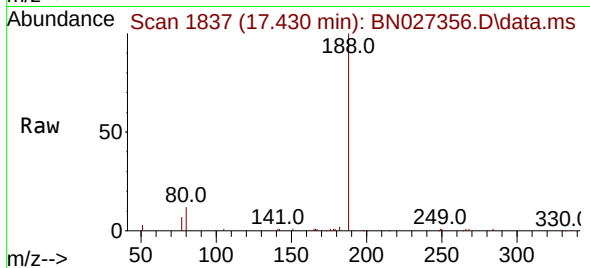
Tgt Ion:188 Resp: 19455

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.083 ng

RT: 19.453 min Scan# 2127

Delta R.T. -0.004 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

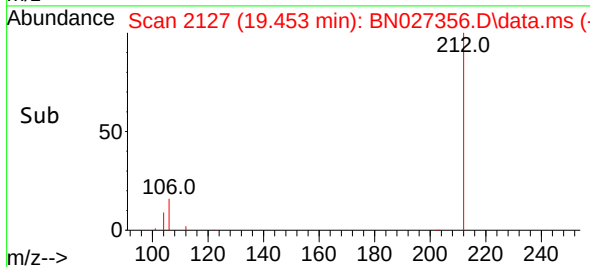
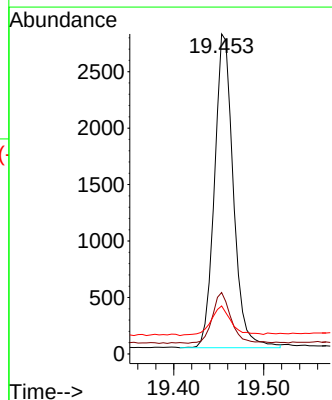
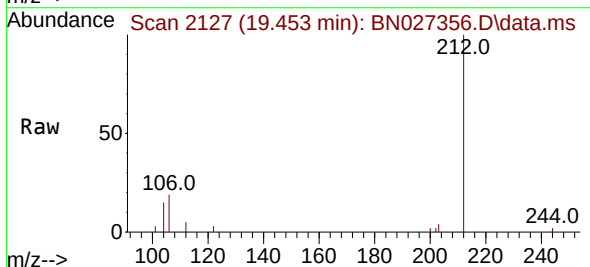
Tgt Ion:212 Resp: 4030

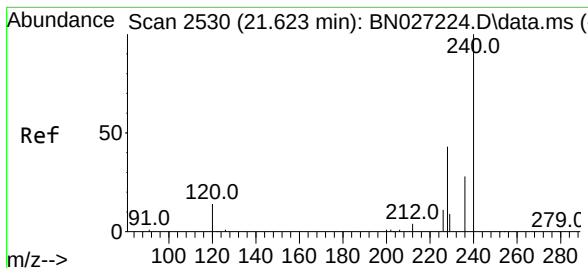
Ion Ratio Lower Upper

212 100

106 16.0 12.1 18.1

104 10.3 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.605 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-082923DL

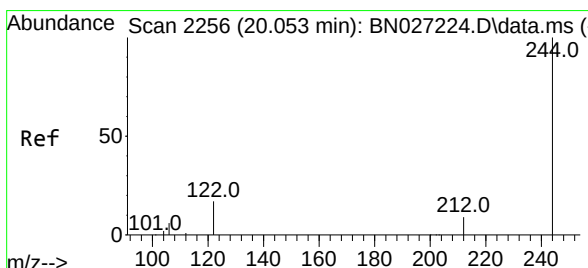
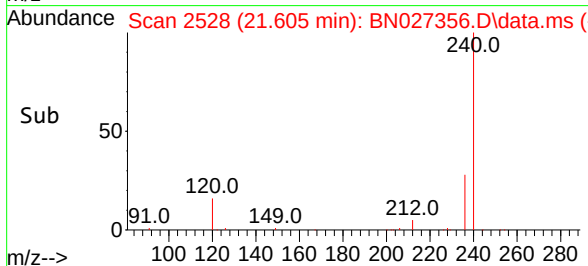
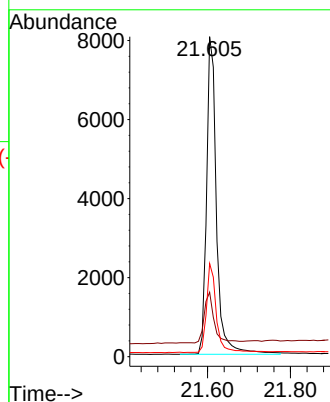
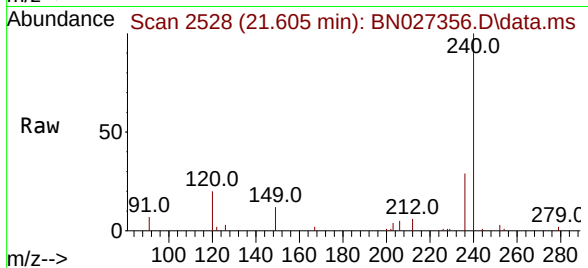
Tgt Ion:240 Resp: 13378

Ion Ratio Lower Upper

240 100

120 20.2 14.2 21.4

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.118 ng

RT: 20.039 min Scan# 2253

Delta R.T. -0.004 min

Lab File: BN027356.D

Acq: 01 Sep 2023 22:15

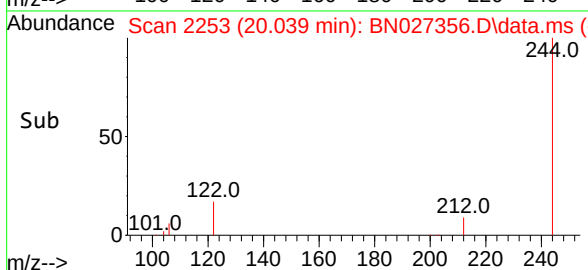
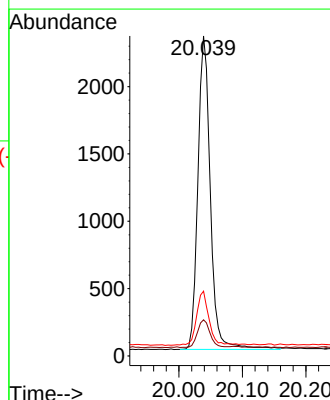
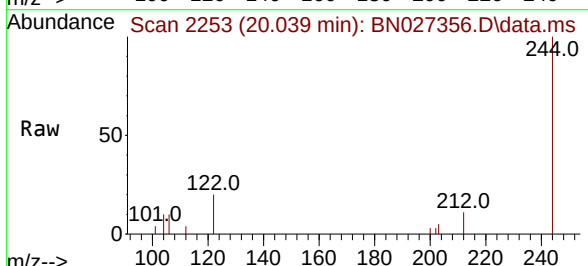
Tgt Ion:244 Resp: 3166

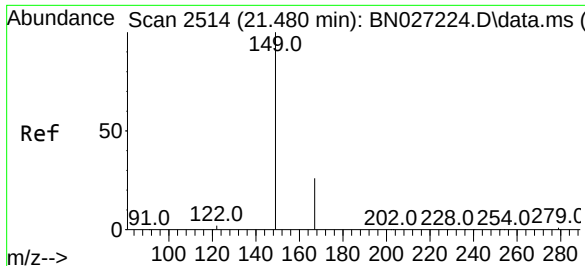
Ion Ratio Lower Upper

244 100

212 11.3 7.5 11.3#

122 20.2 14.0 21.0

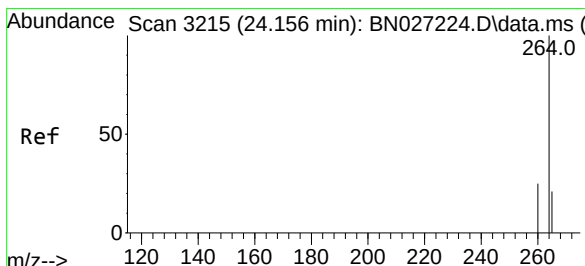
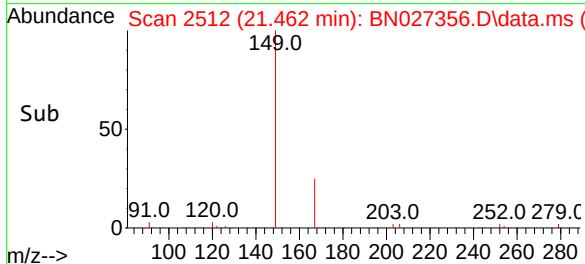
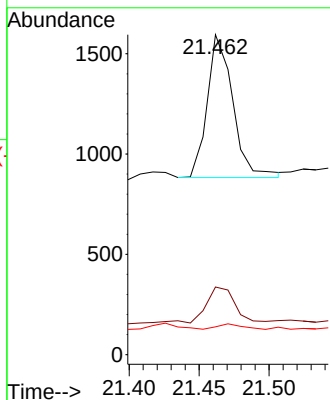
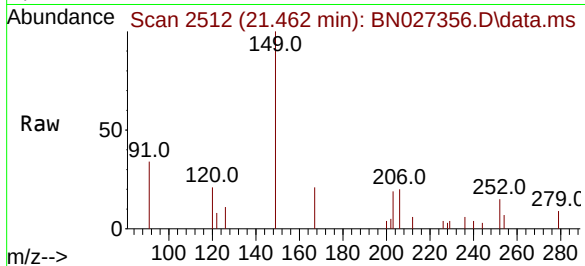




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.462 min Scan# 214
Delta R.T. -0.009 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-082923DL

Tgt Ion:149 Resp: 905
Ion Ratio Lower Upper
149 100
167 30.8 22.1 33.1
279 3.8 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.133 min Scan# 3207
Delta R.T. -0.003 min
Lab File: BN027356.D
Acq: 01 Sep 2023 22:15

Tgt Ion:264 Resp: 11138
Ion Ratio Lower Upper
264 100
260 26.6 20.7 31.1
265 78.5 53.3 79.9

