

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027649.D
 Acq On : 13 Sep 2023 17:33
 Operator : MA/JU
 Sample : 04326-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-090623DL

Quant Time: Sep 14 05:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

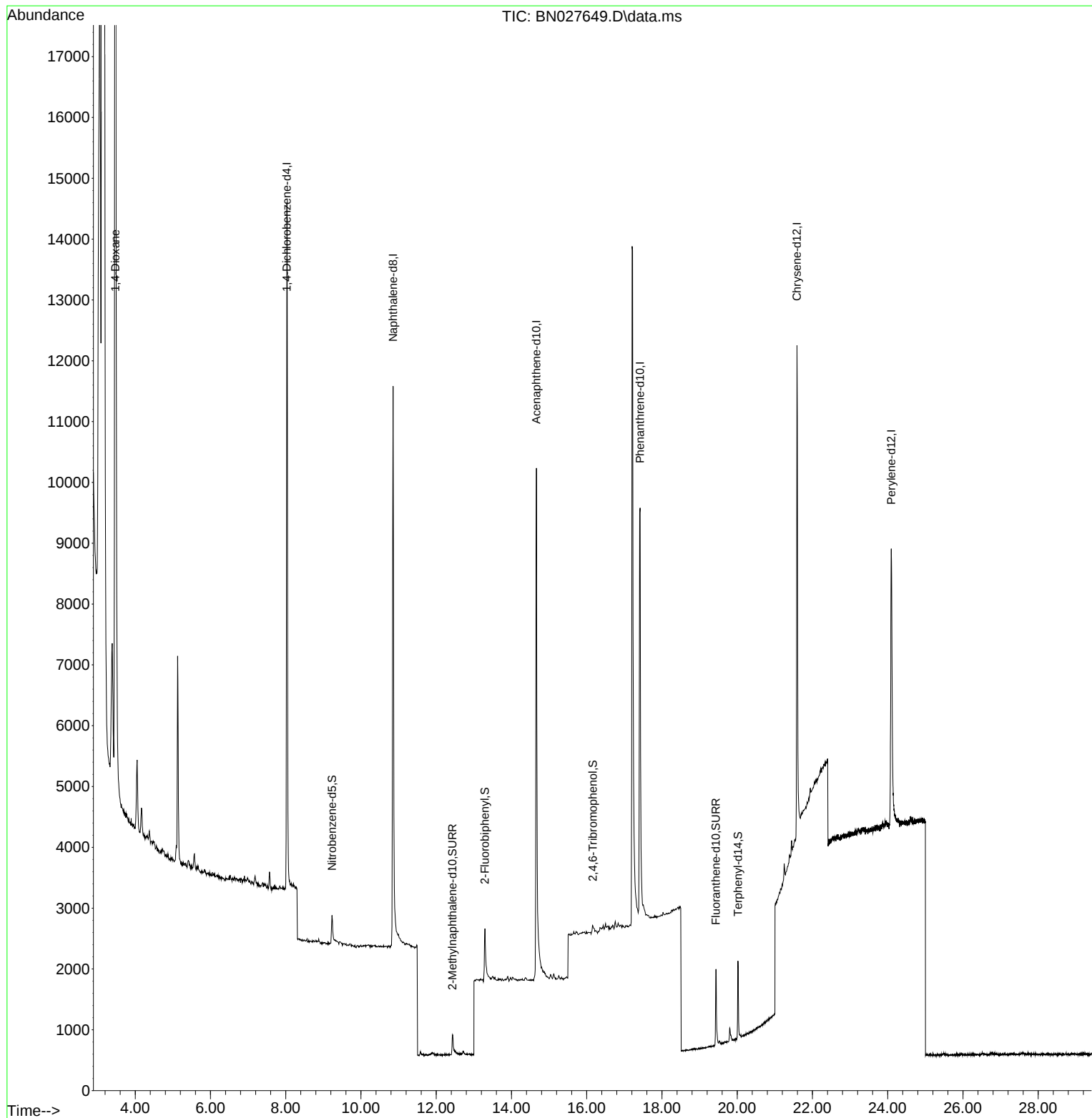
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6149	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	14871	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6723	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	13634	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	9362	0.400	ng	# 0.00
35) Perylene-d12	24.095	264	8663	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	276	0.017	ng	0.00
5) Phenol-d6	7.185	99	155	0.008	ng	0.00
8) Nitrobenzene-d5	9.230	82	558	0.051	ng	0.00
11) 2-Methylnaphthalene-d10	12.434	152	727	0.033	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	97	0.039	ng	0.01
15) 2-Fluorobiphenyl	13.293	172	1253	0.049	ng	0.00
27) Fluoranthene-d10	19.435	212	1620	0.048	ng	0.00
31) Terphenyl-d14	20.020	244	1444	0.077	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	29373	3.913	ng	Qvalue 95

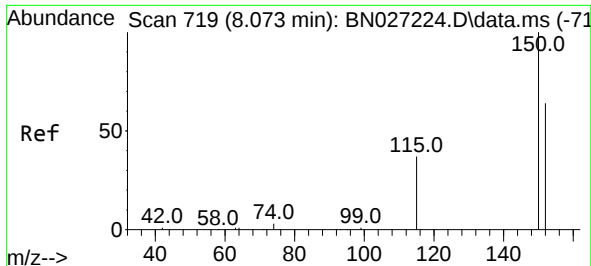
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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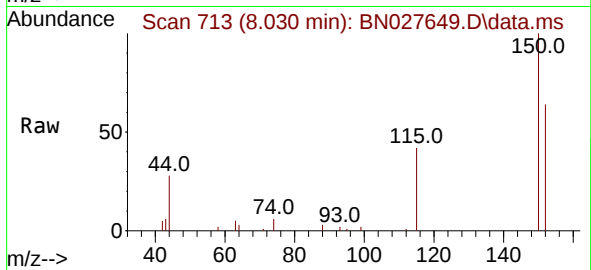
Quant Time: Sep 14 05:29:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



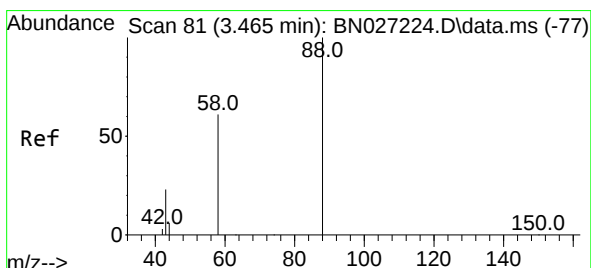
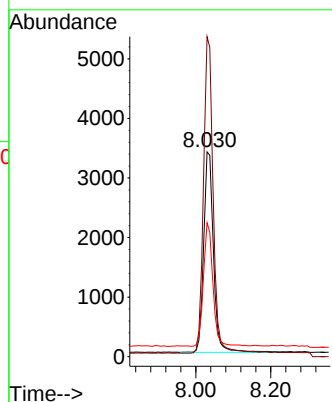
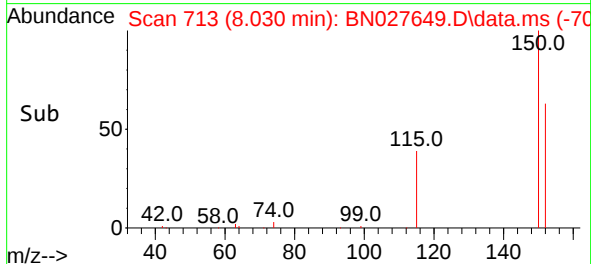


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027649.D
 Acq: 13 Sep 2023 17:33

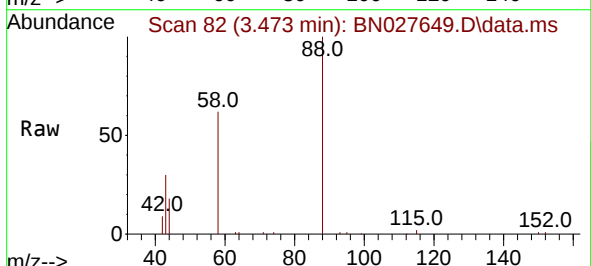
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-090623DL



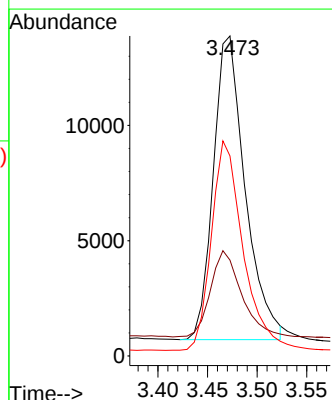
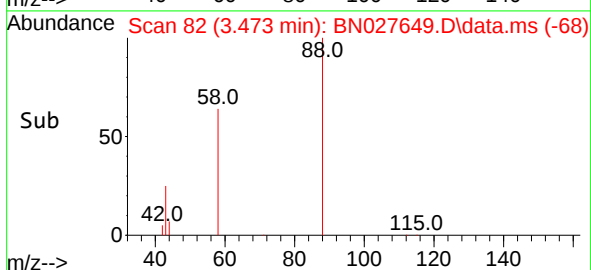
Tgt Ion:152 Resp: 6149
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 65.4 48.6 73.0

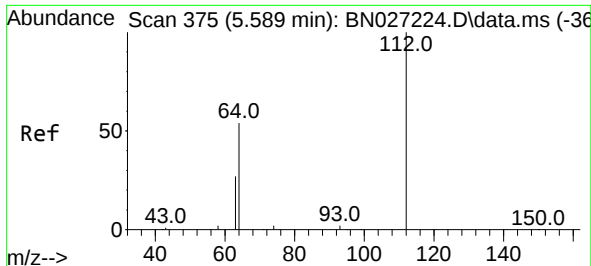


#2
 1,4-Dioxane
 Concen: 3.913 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BN027649.D
 Acq: 13 Sep 2023 17:33



Tgt Ion: 88 Resp: 29373
 Ion Ratio Lower Upper
 88 100
 43 27.7 19.1 28.7
 58 68.1 52.2 78.2

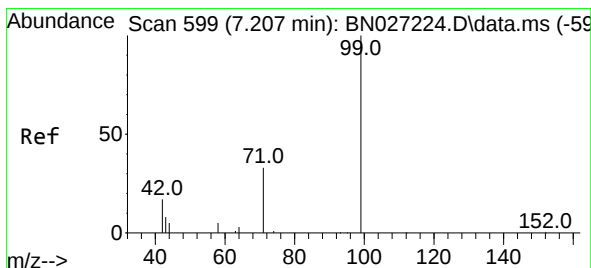
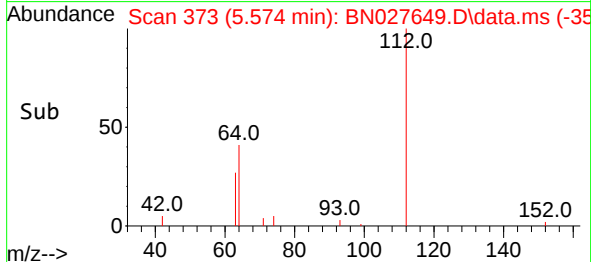
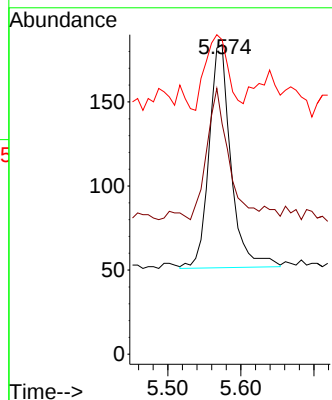
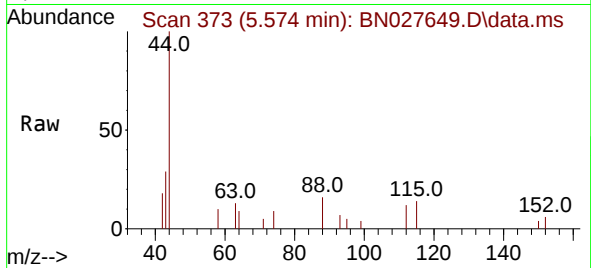




#4
2-Fluorophenol
Concen: 0.017 ng
RT: 5.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

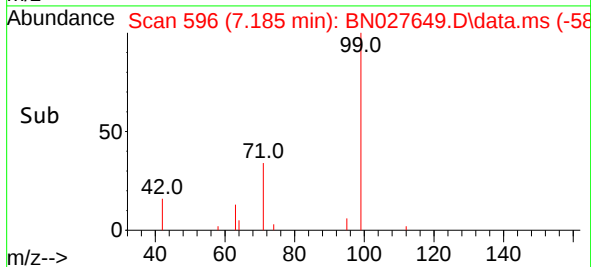
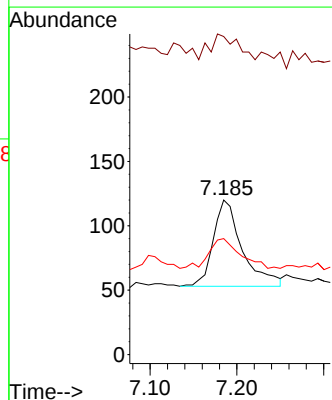
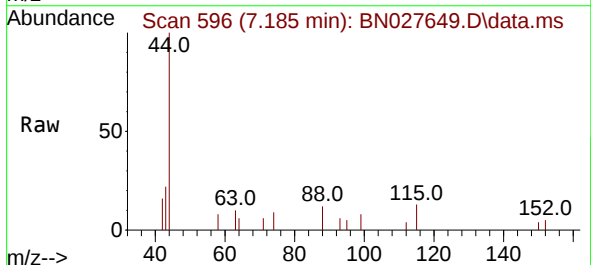
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-090623DL

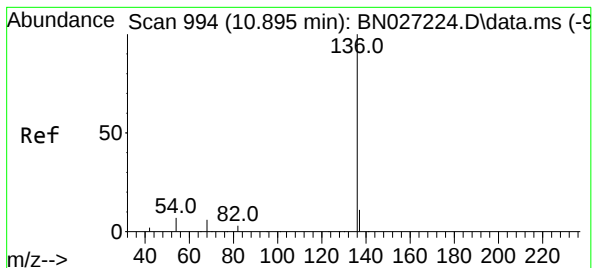
Tgt Ion:112 Resp: 276
Ion Ratio Lower Upper
112 100
64 58.3 44.4 66.6
63 35.1 23.1 34.7#



#5
Phenol-d6
Concen: 0.008 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

Tgt Ion: 99 Resp: 155
Ion Ratio Lower Upper
99 100
42 27.1 14.5 21.7#
71 38.7 25.8 38.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027649.D

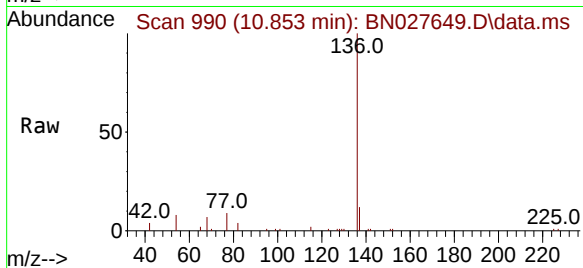
Acq: 13 Sep 2023 17:33

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-090623DL



Tgt Ion:136 Resp: 14871

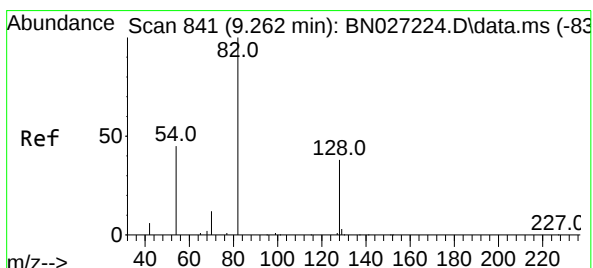
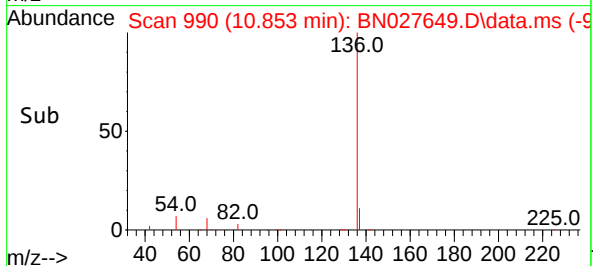
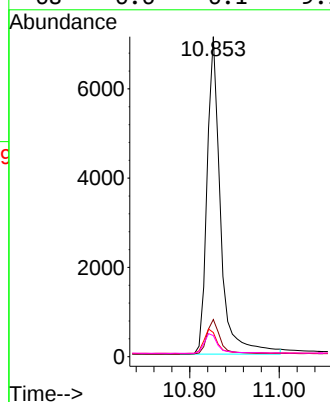
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.6 6.7 10.1

68 6.6 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.051 ng

RT: 9.230 min Scan# 838

Delta R.T. -0.000 min

Lab File: BN027649.D

Acq: 13 Sep 2023 17:33

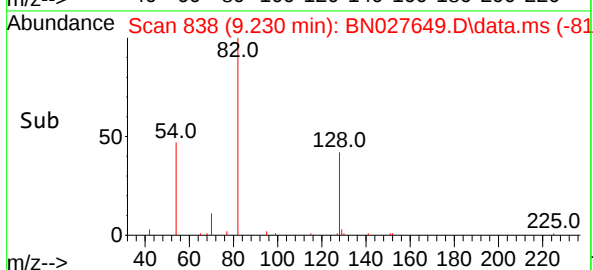
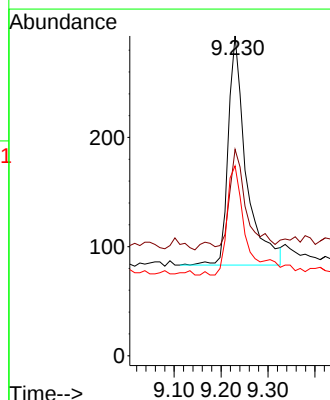
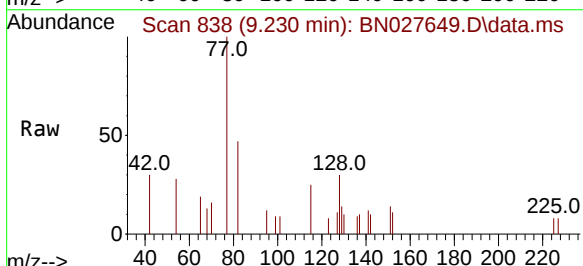
Tgt Ion: 82 Resp: 558

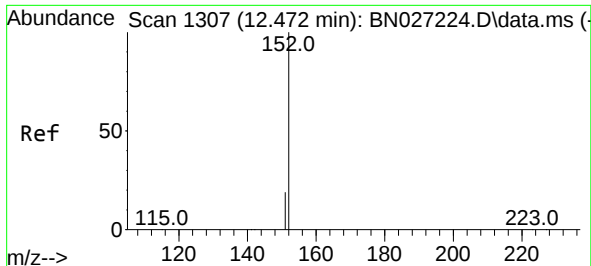
Ion Ratio Lower Upper

82 100

128 64.5 33.4 50.0#

54 59.4 37.7 56.5#





#11

2-Methylnaphthalene-d10

Concen: 0.033 ng

RT: 12.434 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN027649.D

Acq: 13 Sep 2023 17:33

Instrument :

BNA_N

ClientSampleId :

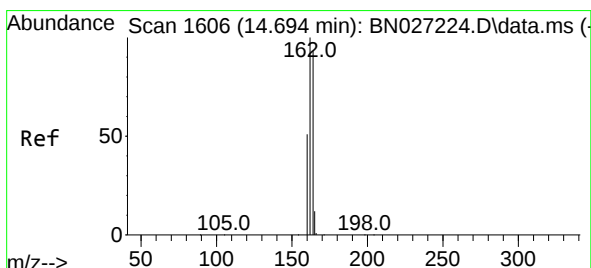
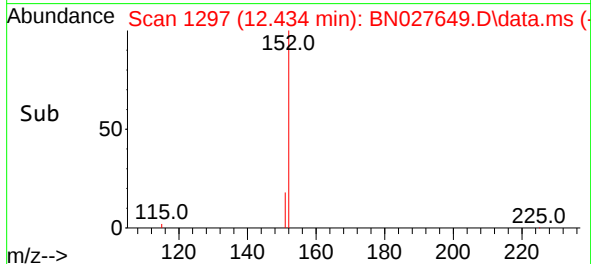
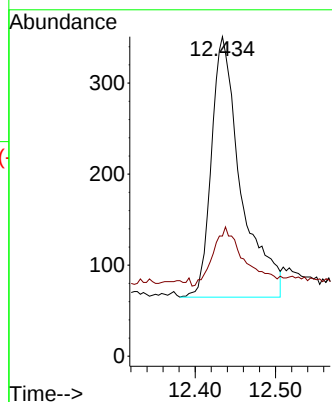
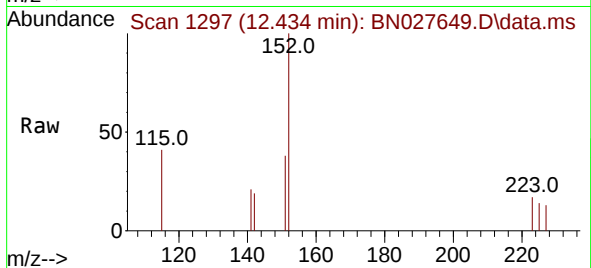
OWBR-05-135-090623DL

Tgt Ion:152 Resp: 727

Ion Ratio Lower Upper

152 100

151 24.2 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: BN027649.D

Acq: 13 Sep 2023 17:33

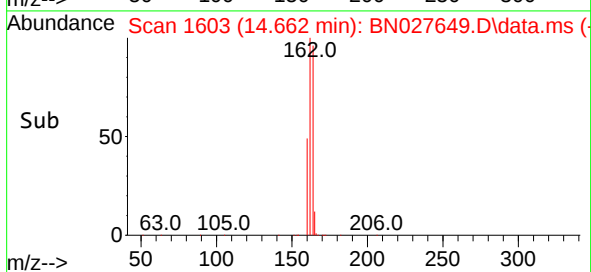
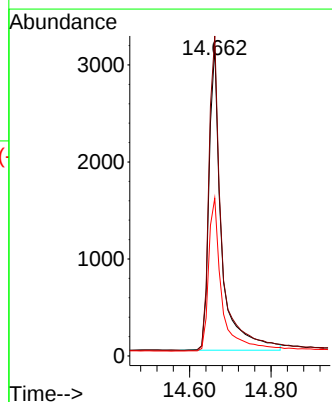
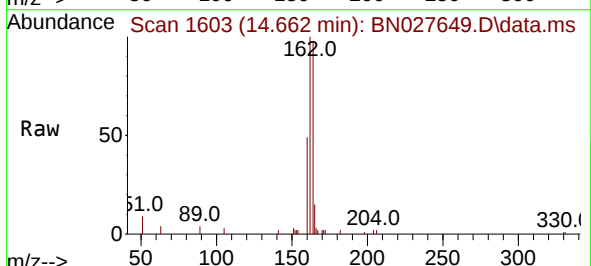
Tgt Ion:164 Resp: 6723

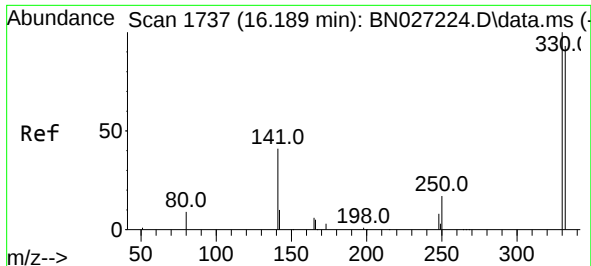
Ion Ratio Lower Upper

164 100

162 103.6 85.8 128.8

160 51.1 44.2 66.2

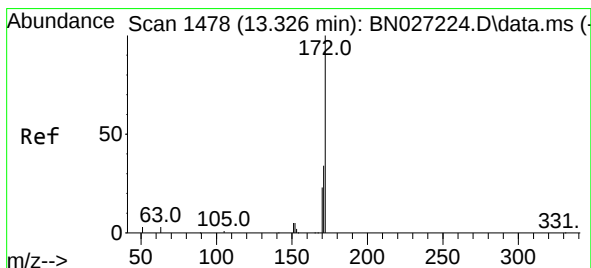
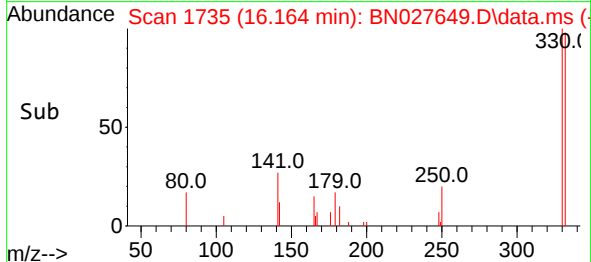
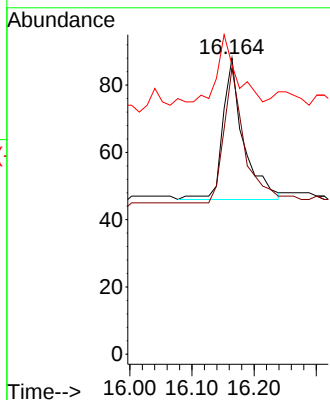
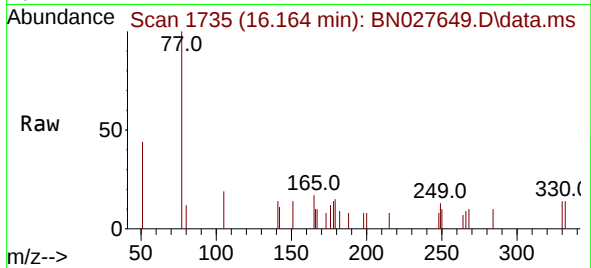




#14
2,4,6-Tribromophenol
Concen: 0.039 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

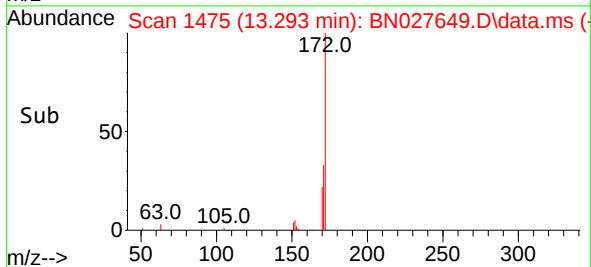
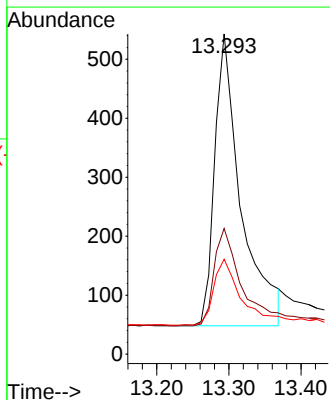
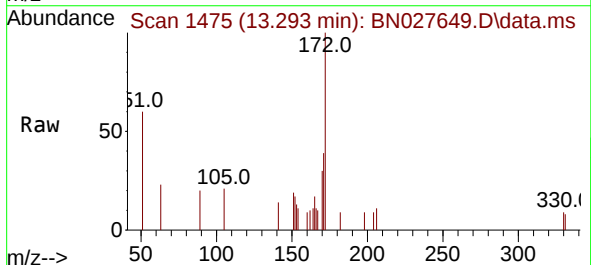
Instrument :
BNA_N
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OWBR-05-135-090623DL

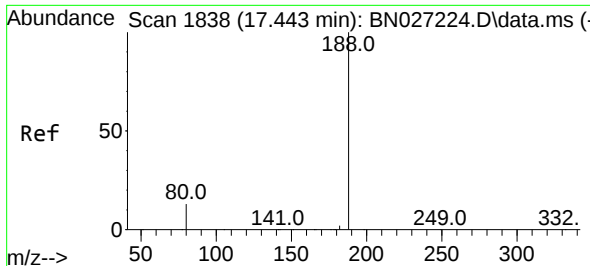
Tgt Ion:330 Resp: 97
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 41.2 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.049 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

Tgt Ion:172 Resp: 1253
Ion Ratio Lower Upper
172 100
171 39.2 27.8 41.8
170 29.7 19.3 28.9#

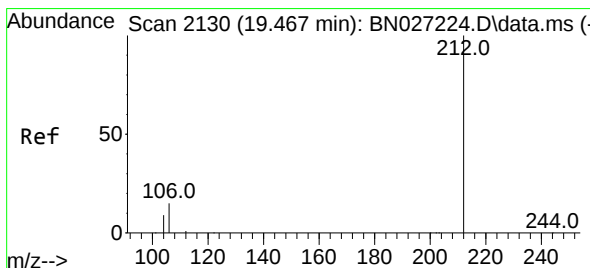
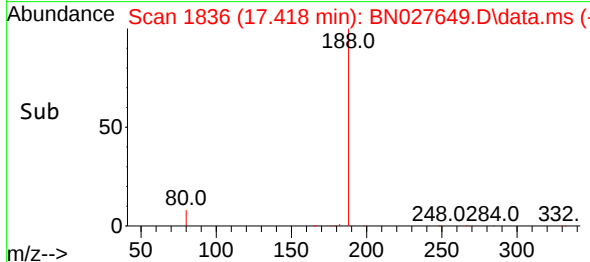
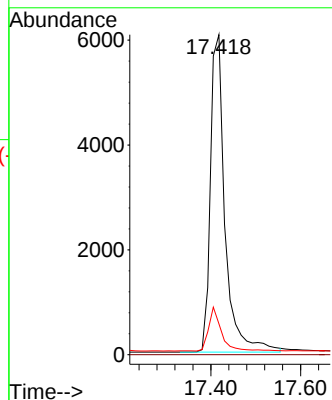
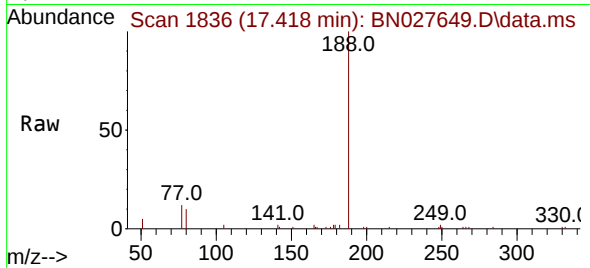




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

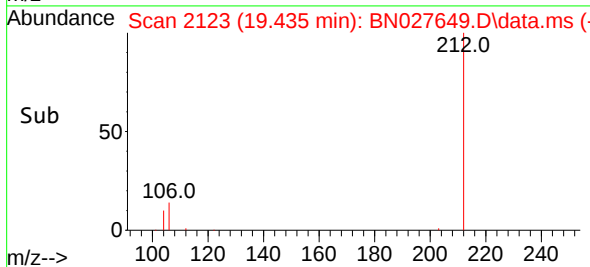
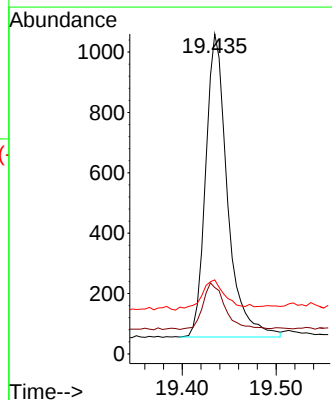
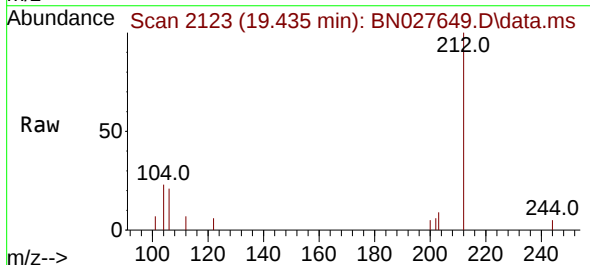
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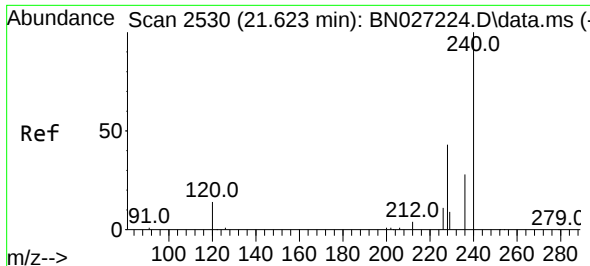
Tgt Ion:188 Resp: 13634
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 11.0 16.6#



#27
Fluoranthene-d10
Concen: 0.048 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

Tgt Ion:212 Resp: 1620
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 10.9 6.9 10.3#

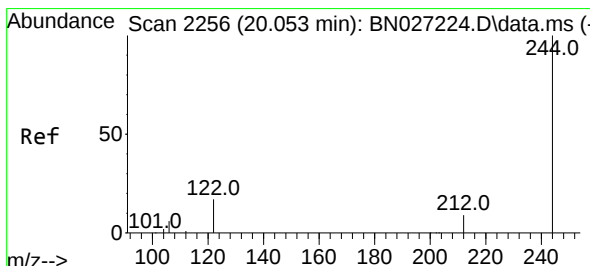
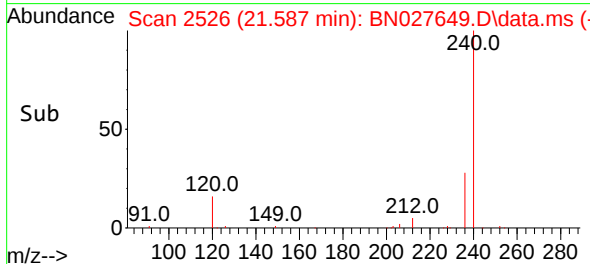
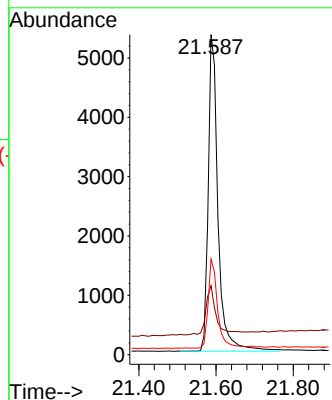
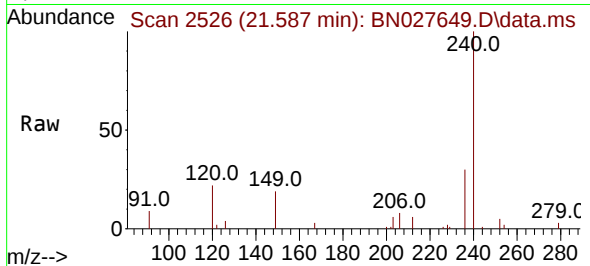




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

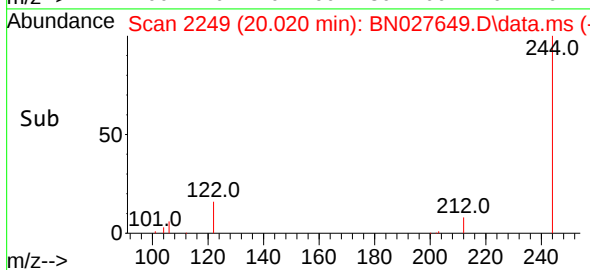
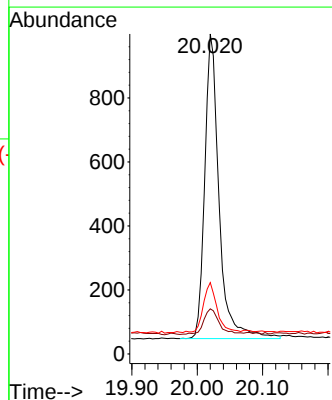
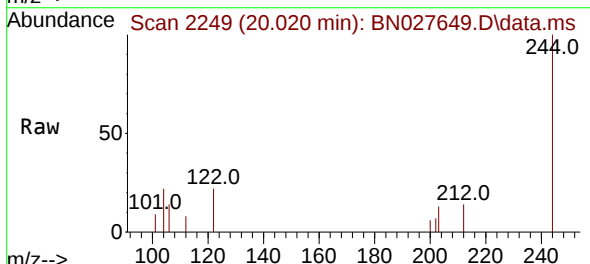
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-090623DL

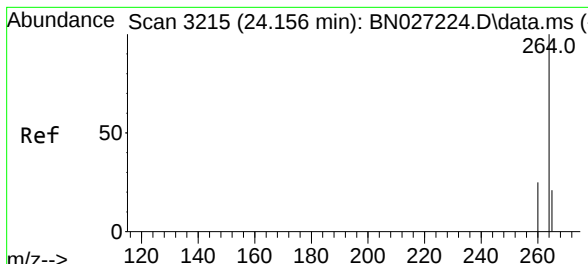
Tgt Ion:240 Resp: 9362
Ion Ratio Lower Upper
240 100
120 21.5 14.2 21.4#
236 29.8 22.9 34.3



#31
Terphenyl-d14
Concen: 0.077 ng
RT: 20.020 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN027649.D
Acq: 13 Sep 2023 17:33

Tgt Ion:244 Resp: 1444
Ion Ratio Lower Upper
244 100
212 14.1 7.5 11.3#
122 22.3 14.0 21.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027649.D
 Acq: 13 Sep 2023 17:33

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-090623DL

Tgt Ion:264 Resp: 8663

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.7	31.1
265	101.8	53.3	79.9

