

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027601.D
 Acq On : 12 Sep 2023 08:03
 Operator : MA/JU
 Sample : 04269-05
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-083123-FD

Quant Time: Sep 12 11:22:48 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)

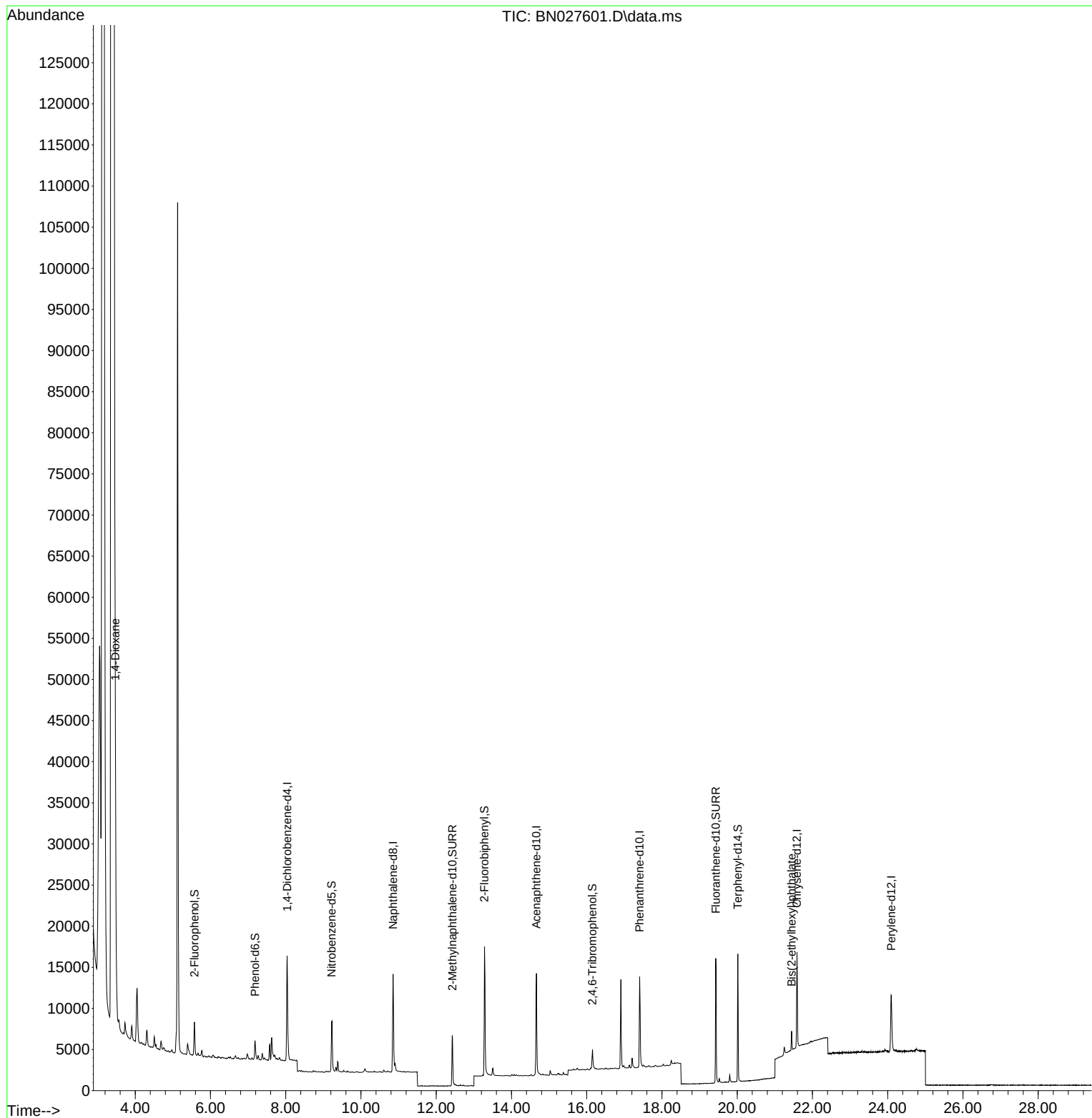
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6310	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16713	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7827	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	15745	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11598	0.400	ng	0.00
35) Perylene-d12	24.092	264	11313	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	3767	0.229	ng	0.00
5) Phenol-d6	7.185	99	2344	0.117	ng	0.00
8) Nitrobenzene-d5	9.219	82	6063	0.498	ng	-0.01
11) 2-Methylnaphthalene-d10	12.427	152	9149	0.373	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1507	0.520	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15138	0.509	ng	-0.01
27) Fluoranthene-d10	19.430	212	17039	0.435	ng	0.00
31) Terphenyl-d14	20.015	244	14665	0.629	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	15044	1.953	ng	Qvalue # 94
34) Bis(2-ethylhexyl)phtha...	21.444	149	2134	0.111	ng	98

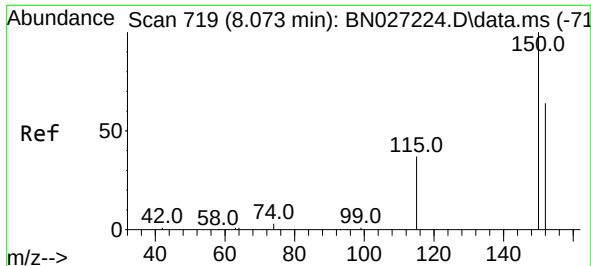
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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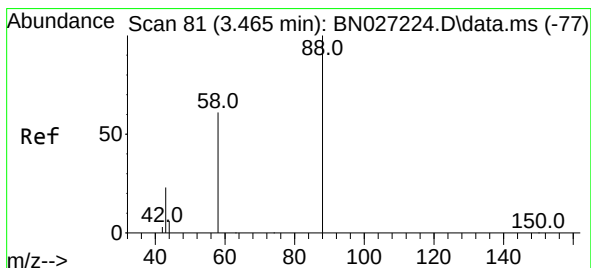
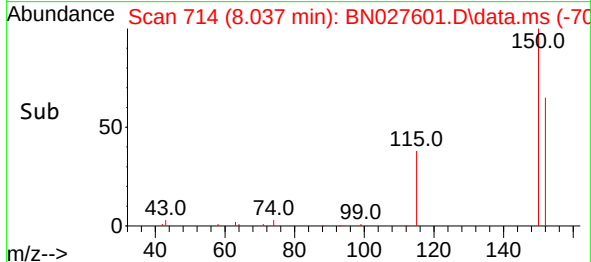
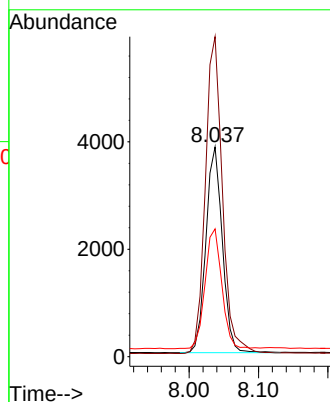
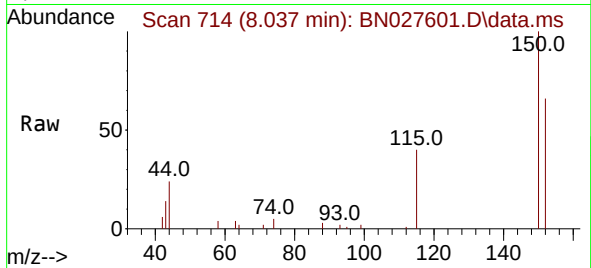




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027601.D
 Acq: 12 Sep 2023 08:03

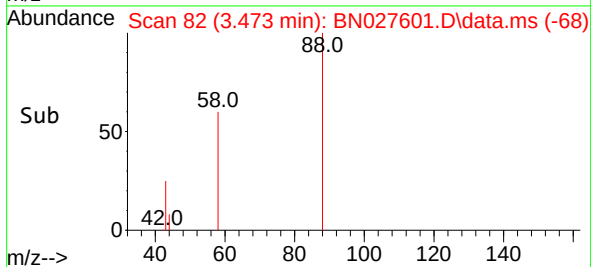
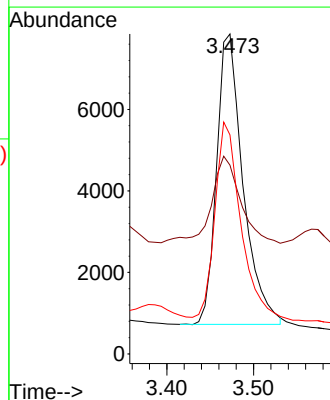
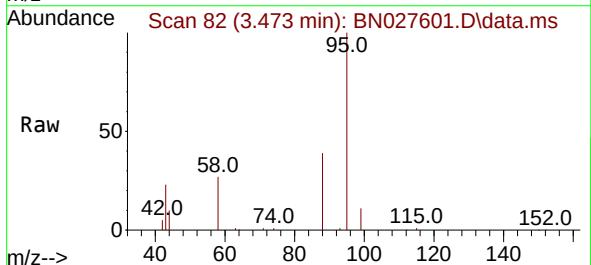
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-083123-FD

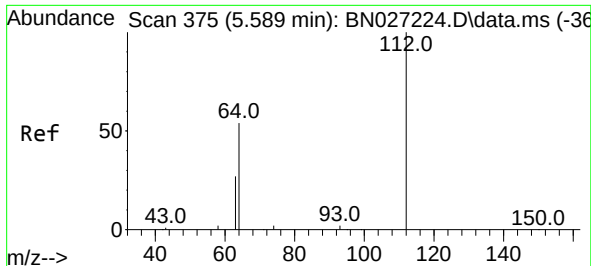
Tgt Ion:152 Resp: 6310
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.7 184.1
 115 61.0 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.953 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027601.D
 Acq: 12 Sep 2023 08:03

Tgt Ion: 88 Resp: 15044
 Ion Ratio Lower Upper
 88 100
 43 32.9 19.1 28.7#
 58 64.4 52.2 78.2

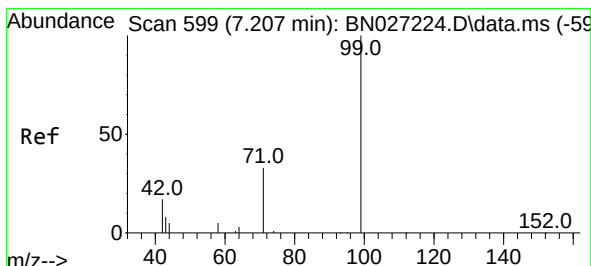
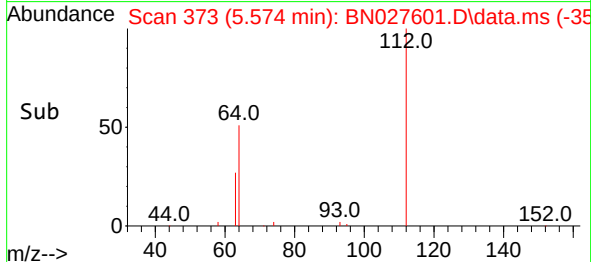
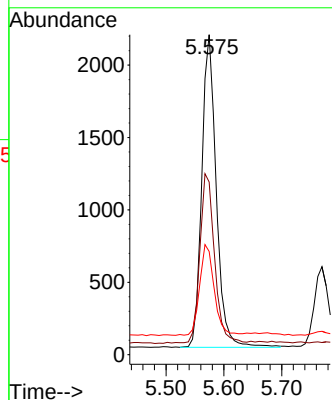
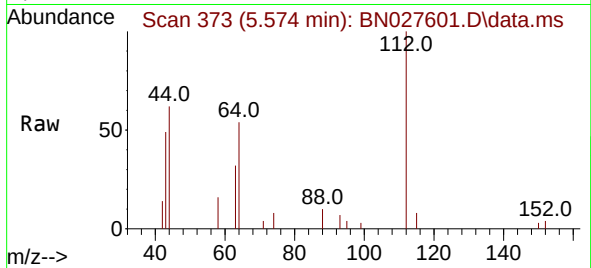




#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

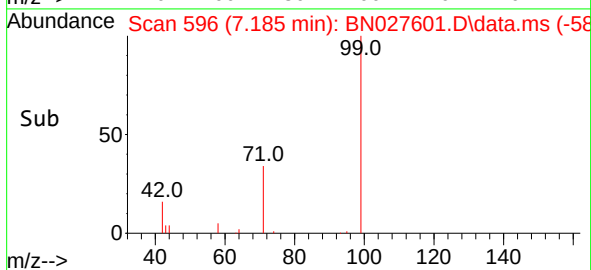
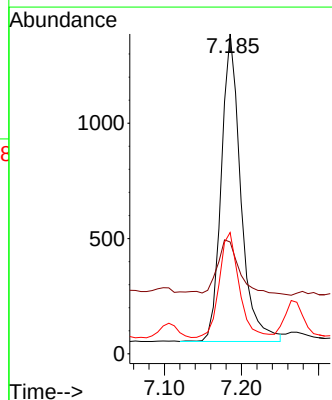
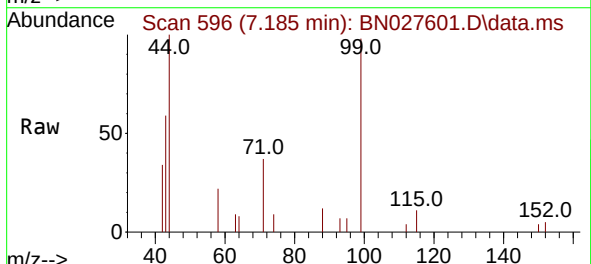
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-083123-FD

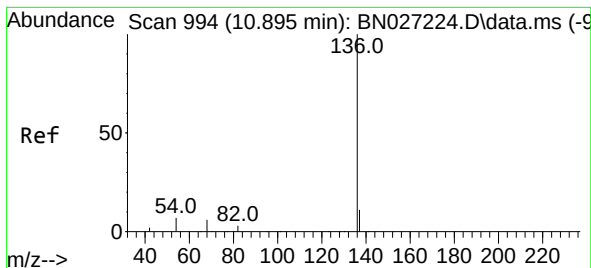
Tgt Ion: 112 Resp: 3767
Ion Ratio Lower Upper
112 100
64 55.2 44.4 66.6
63 29.1 23.1 34.7



#5
Phenol-d6
Concen: 0.117 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

Tgt Ion: 99 Resp: 2344
Ion Ratio Lower Upper
99 100
42 20.5 14.5 21.7
71 34.7 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: BN027601.D

Acq: 12 Sep 2023 08:03

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-083123-FD

Tgt Ion:136 Resp: 16713

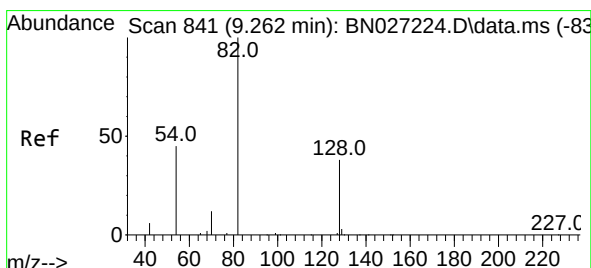
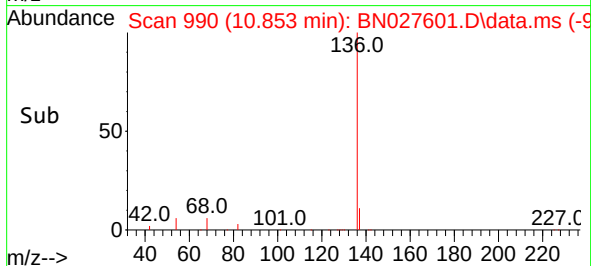
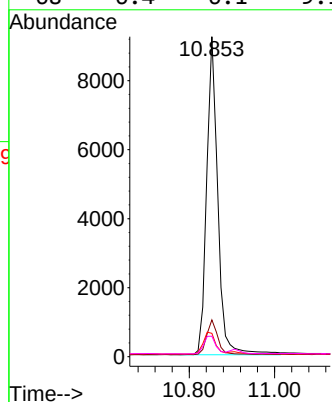
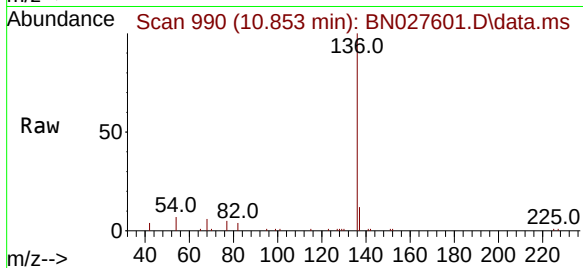
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.3 6.7 10.1

68 6.4 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.498 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027601.D

Acq: 12 Sep 2023 08:03

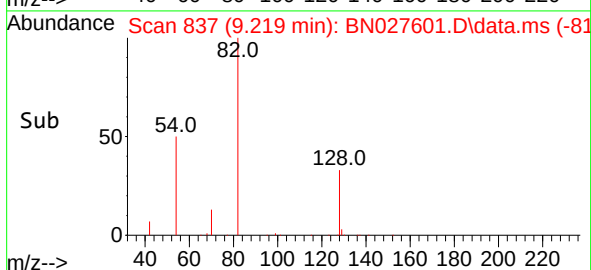
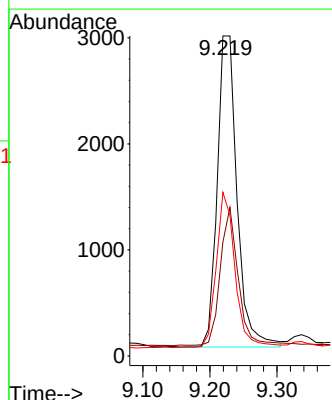
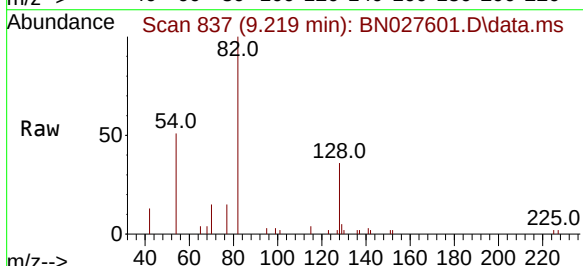
Tgt Ion: 82 Resp: 6063

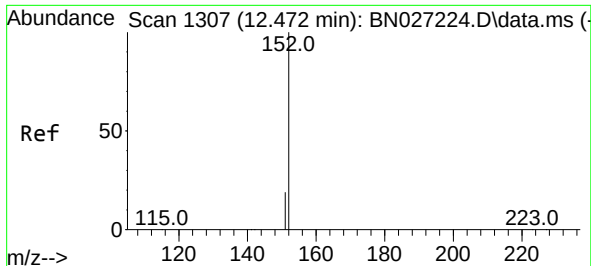
Ion Ratio Lower Upper

82 100

128 35.6 33.4 50.0

54 51.2 37.7 56.5

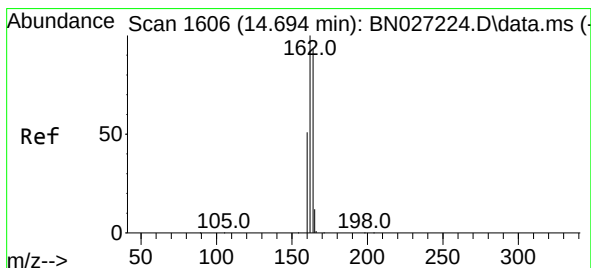
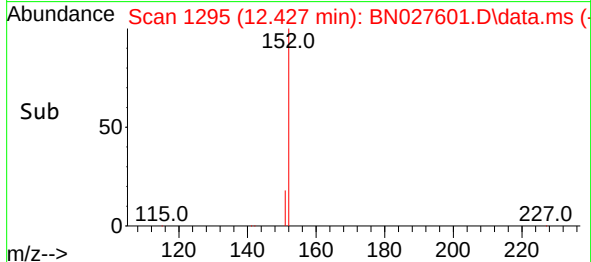
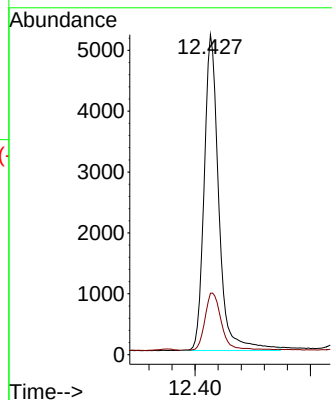
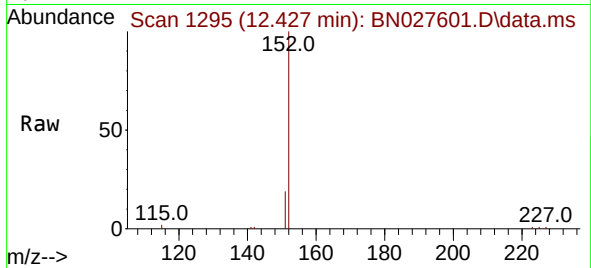




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.427 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

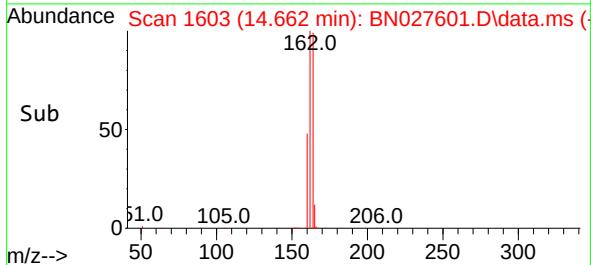
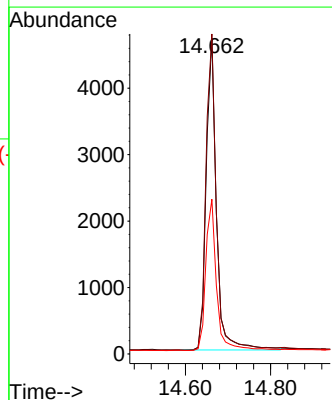
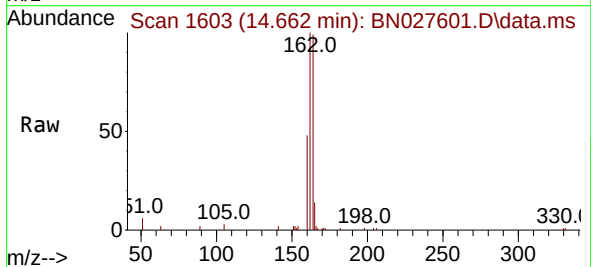
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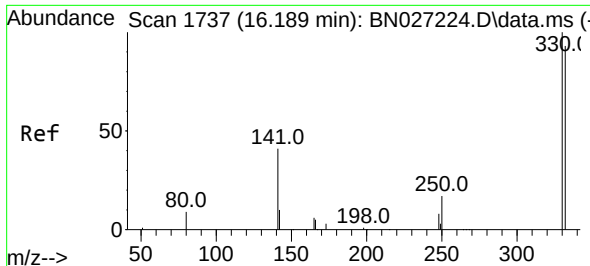
Tgt Ion:152 Resp: 9149
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

Tgt Ion:164 Resp: 7827
Ion Ratio Lower Upper
164 100
162 101.3 85.8 128.8
160 49.0 44.2 66.2

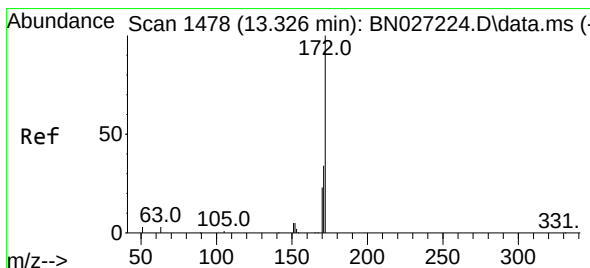
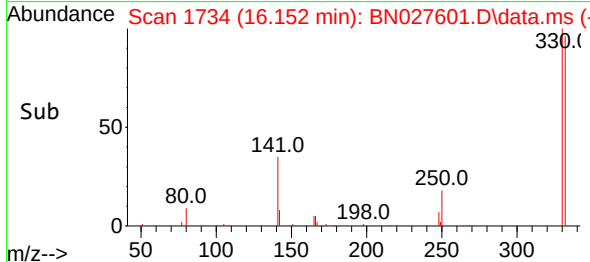
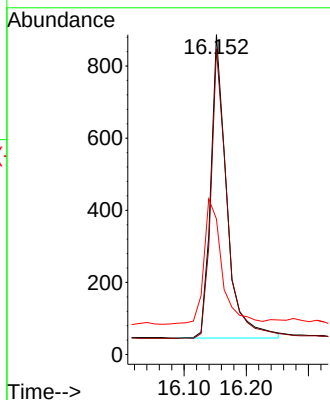
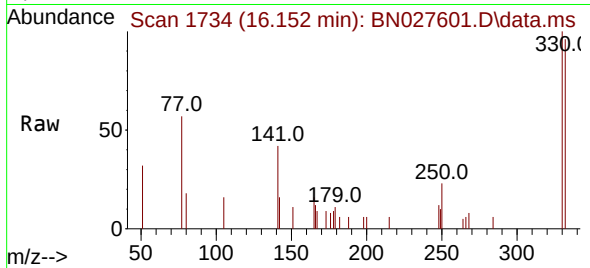




#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

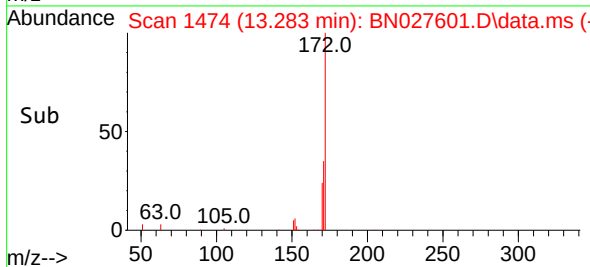
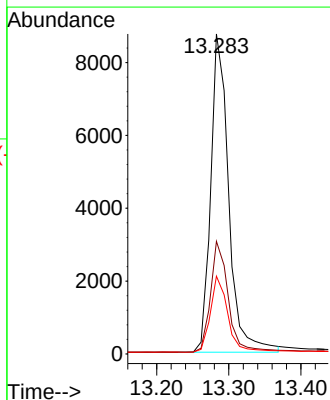
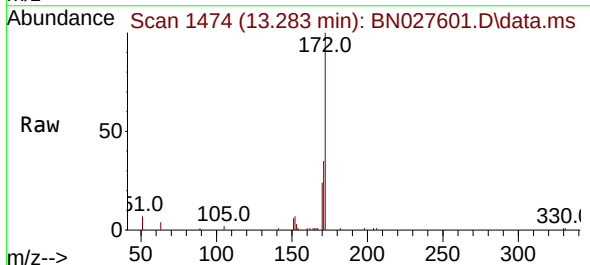
Instrument :
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ClientSampleId :
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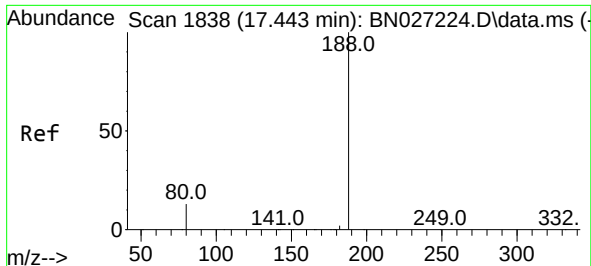
Tgt Ion:330 Resp: 1507
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 46.1 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.509 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

Tgt Ion:172 Resp: 15138
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 24.3 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027601.D

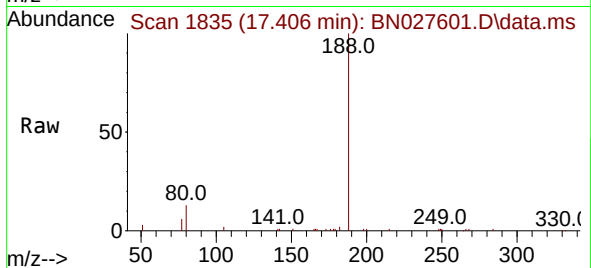
Acq: 12 Sep 2023 08:03

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-083123-FD



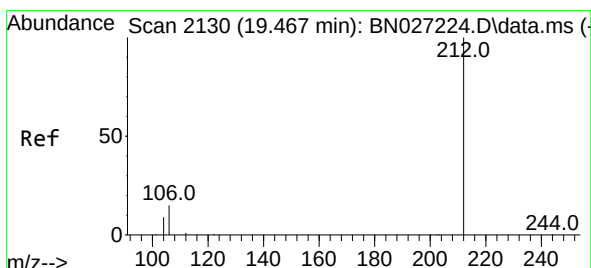
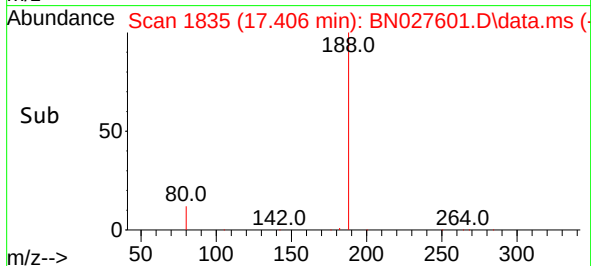
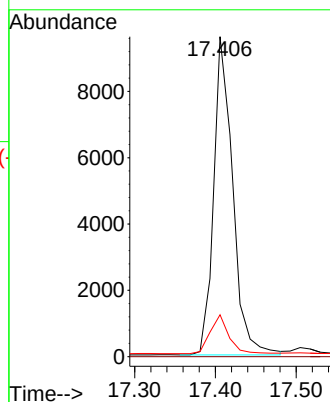
Tgt Ion:188 Resp: 15745

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.430 min Scan# 2122

Delta R.T. -0.004 min

Lab File: BN027601.D

Acq: 12 Sep 2023 08:03

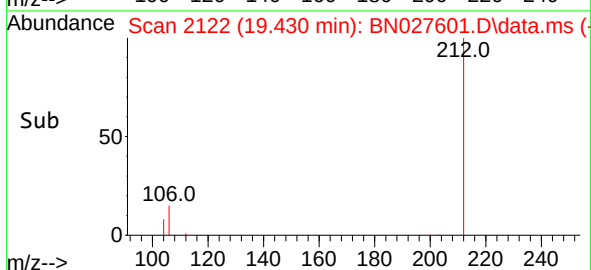
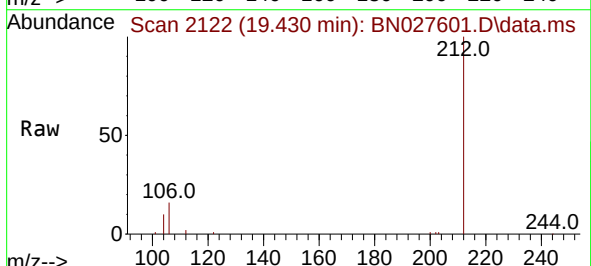
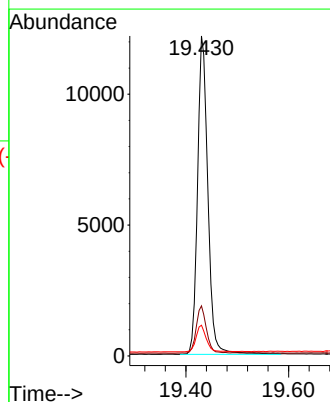
Tgt Ion:212 Resp: 17039

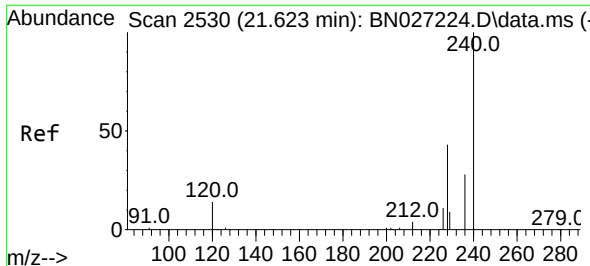
Ion Ratio Lower Upper

212 100

106 14.7 12.1 18.1

104 8.4 6.9 10.3

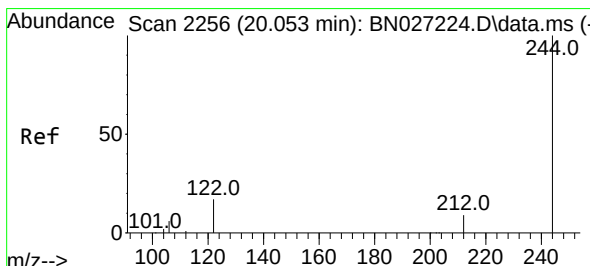
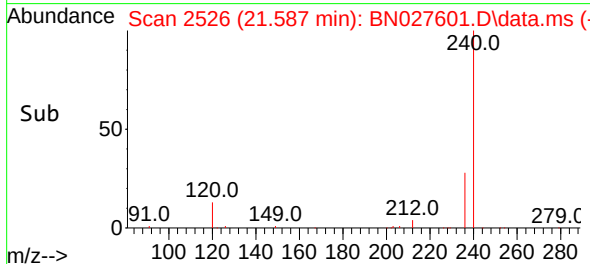
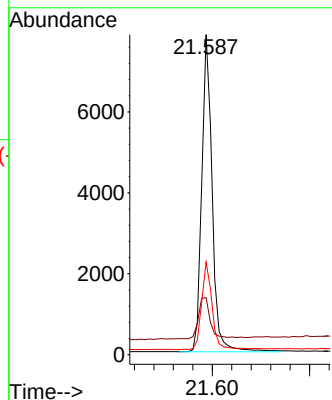
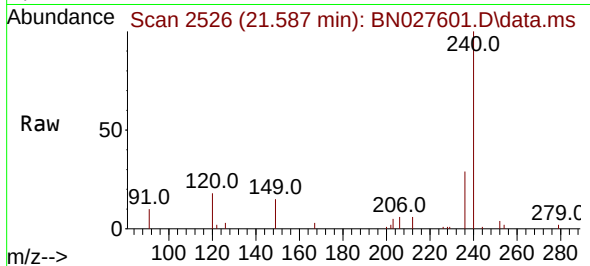




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

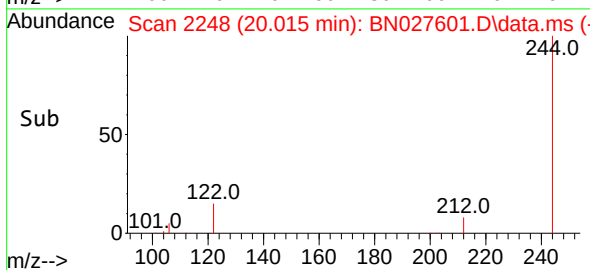
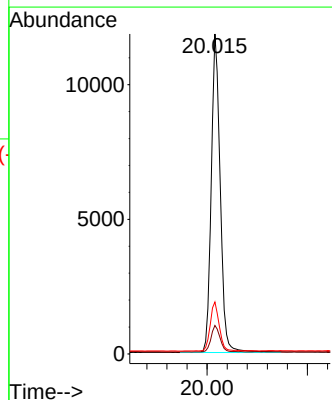
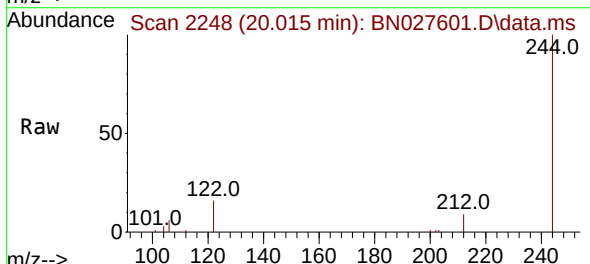
Instrument :
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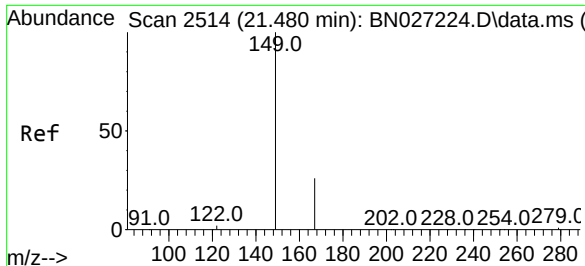
Tgt Ion:240 Resp: 11598
Ion Ratio Lower Upper
240 100
120 17.8 14.2 21.4
236 28.9 22.9 34.3



#31
Terphenyl-d14
Concen: 0.629 ng
RT: 20.015 min Scan# 2248
Delta R.T. -0.004 min
Lab File: BN027601.D
Acq: 12 Sep 2023 08:03

Tgt Ion:244 Resp: 14665
Ion Ratio Lower Upper
244 100
212 8.9 7.5 11.3
122 16.2 14.0 21.0

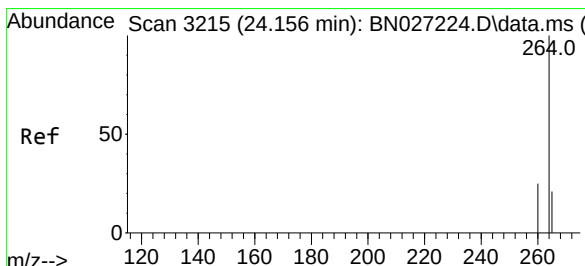
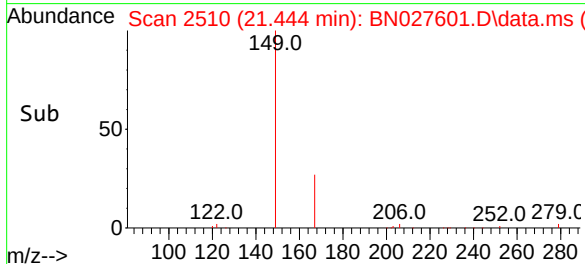
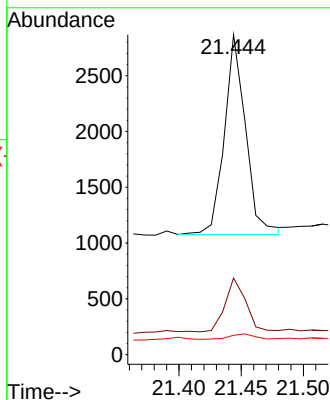
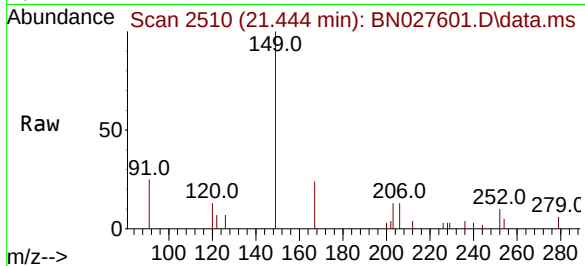




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.444 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: BN027601.D
 Acq: 12 Sep 2023 08:03

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-083123-FD

Tgt Ion:149 Resp: 2134
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.1 33.1
 279 3.6 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 3193
 Delta R.T. -0.003 min
 Lab File: BN027601.D
 Acq: 12 Sep 2023 08:03

Tgt Ion:264 Resp: 11313
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 79.8 53.3 79.9

