

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027202.D
 Acq On : 27 Aug 2023 23:08
 Operator : MA/JU
 Sample : 04051-04
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816

Quant Time: Aug 28 00:46:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

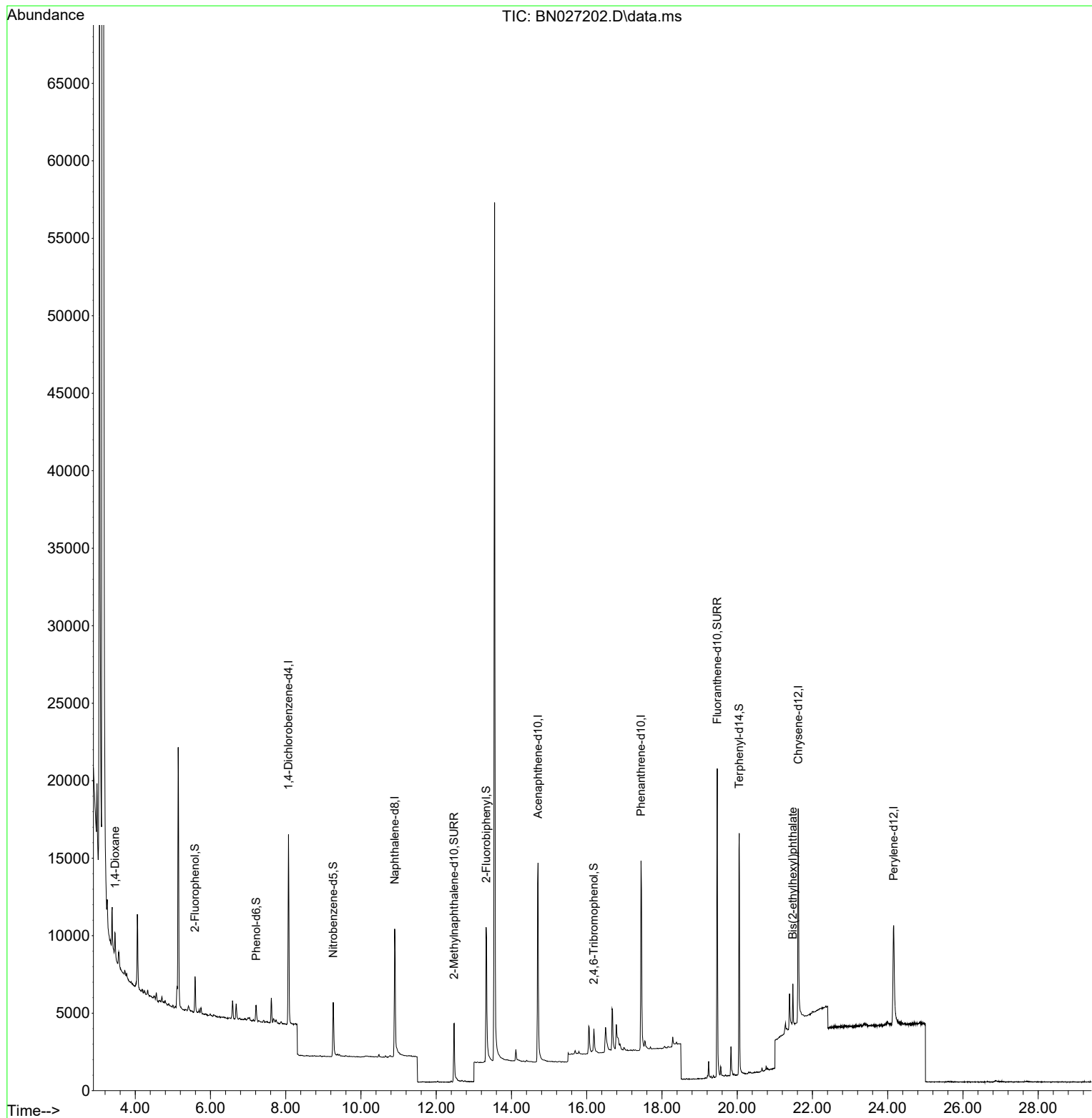
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6030	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	13313	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8846	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19865	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	15349	0.400	ng	0.00
35) Perylene-d12	24.156	264	12684	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1933	0.114	ng	-0.01
5) Phenol-d6	7.214	99	1217	0.058	ng	0.00
8) Nitrobenzene-d5	9.262	82	3279	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	6571	0.311	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1032	0.219	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	10116	0.308	ng	-0.01
27) Fluoranthene-d10	19.467	212	21358	0.419	ng	0.00
31) Terphenyl-d14	20.053	244	15698	0.489	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	1382	0.213	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.480	149	2313	0.058	ng	# 96

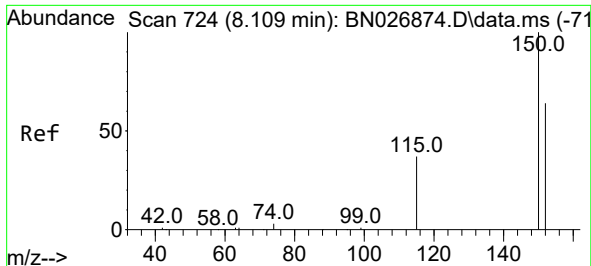
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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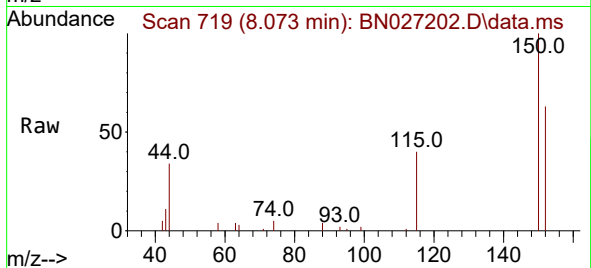
Quant Time: Aug 28 00:46:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



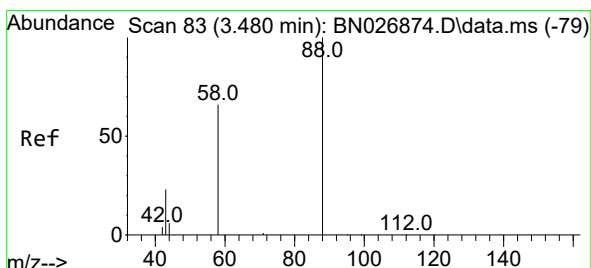
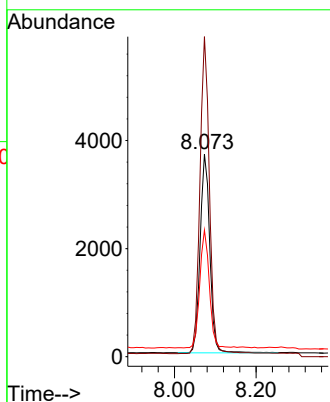
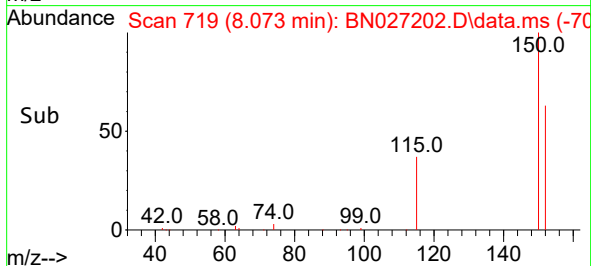


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

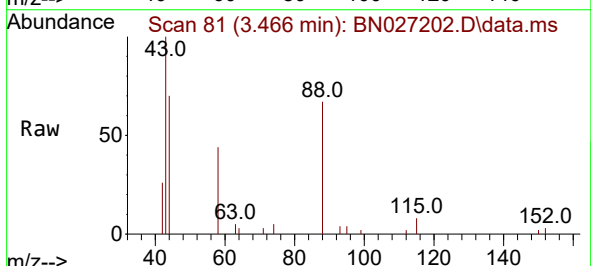
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BNA_N
ClientSampleId :
TT180D-20230816



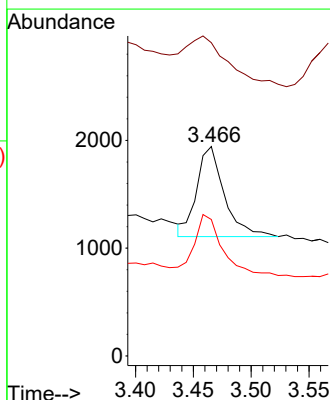
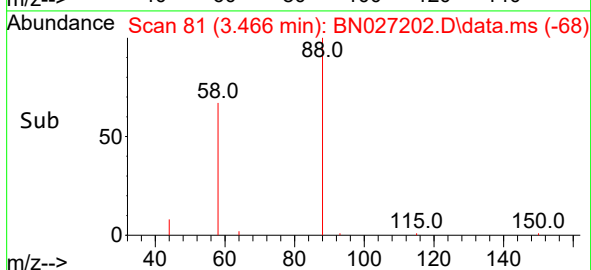
Tgt Ion:152 Resp: 6030
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 62.5 49.7 74.5

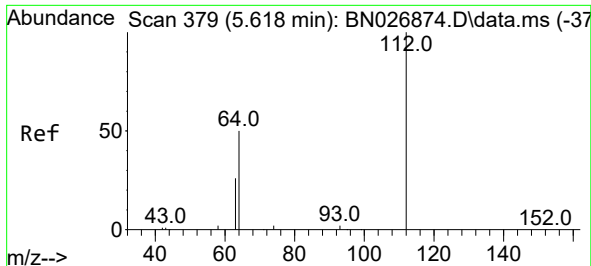


#2
1,4-Dioxane
Concen: 0.213 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08



Tgt Ion: 88 Resp: 1382
Ion Ratio Lower Upper
88 100
43 84.1 19.2 28.8#
58 70.8 54.5 81.7

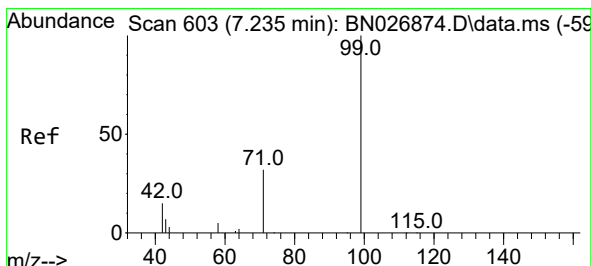
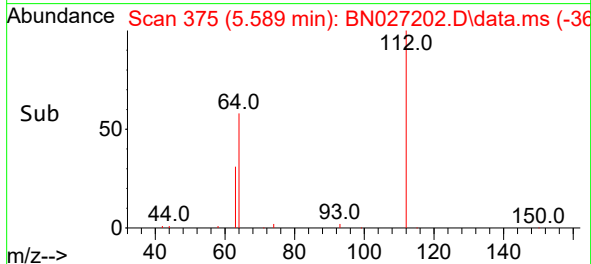
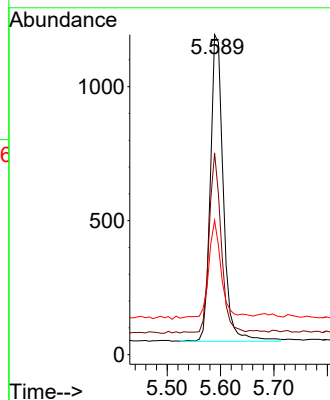
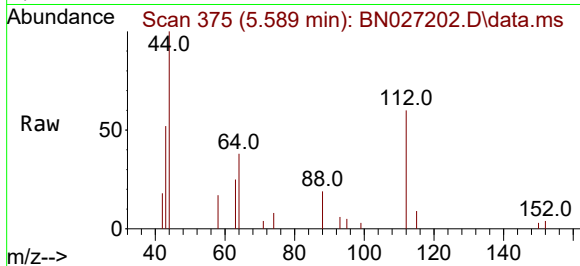




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

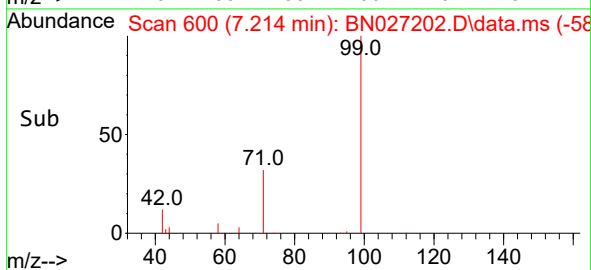
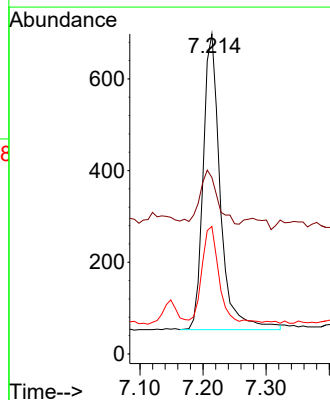
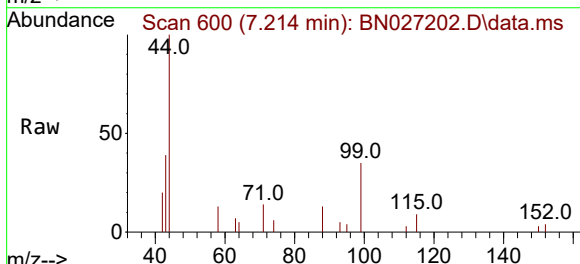
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816

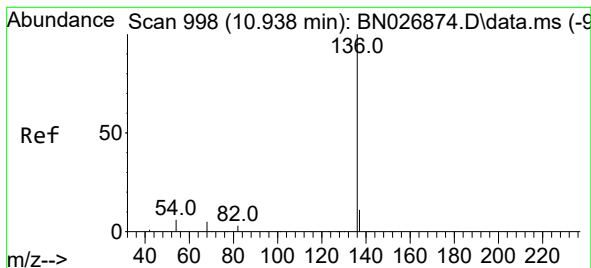
Tgt Ion:	112	Resp:	1933
Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.5	62.3
63	31.2	21.7	32.5



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

Tgt Ion:	99	Resp:	1217
Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.6	20.4
71	30.3	26.0	39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 998

Delta R.T. -0.011 min

Lab File: BN027202.D

Acq: 27 Aug 2023 23:08

Instrument :

BNA_N

ClientSampleId :

TT180D-20230816

Tgt Ion:136 Resp: 13313

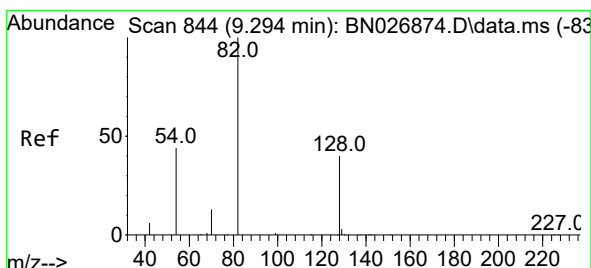
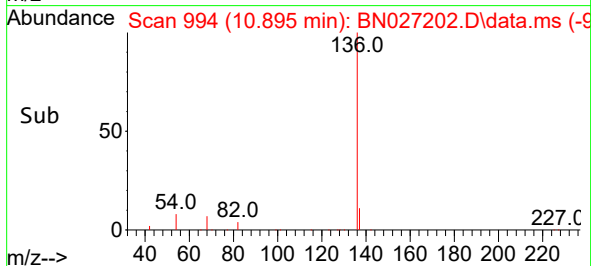
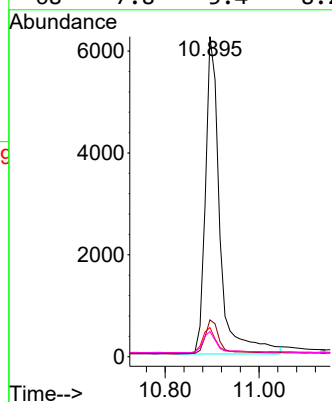
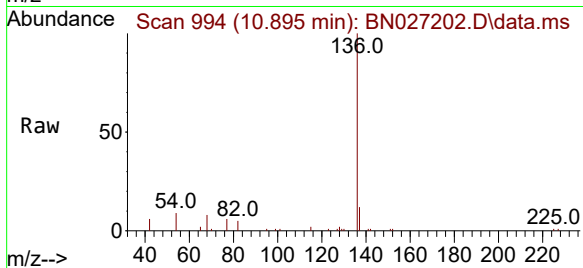
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.1 5.5 8.3#

68 7.8 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.292 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.011 min

Lab File: BN027202.D

Acq: 27 Aug 2023 23:08

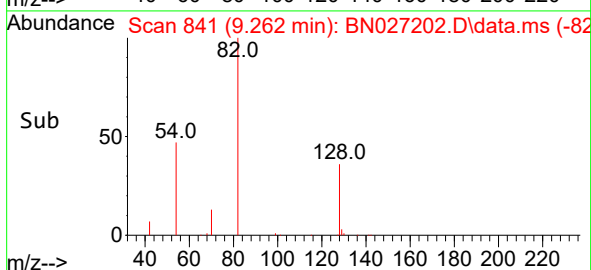
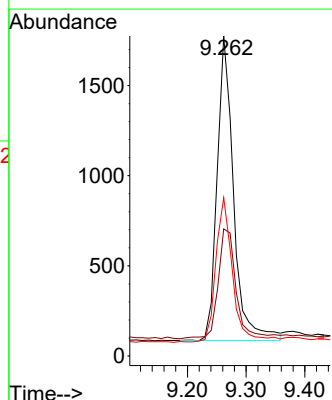
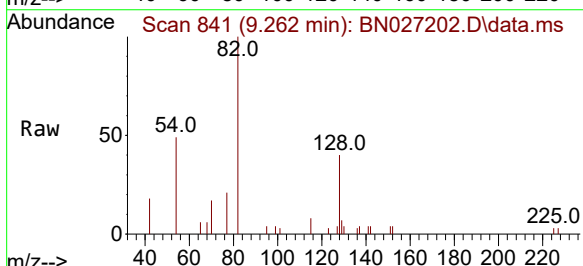
Tgt Ion: 82 Resp: 3279

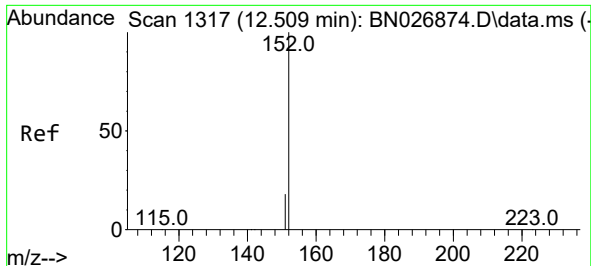
Ion Ratio Lower Upper

82 100

128 39.7 34.1 51.1

54 49.5 37.0 55.4





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.472 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN027202.D

Acq: 27 Aug 2023 23:08

Instrument :

BNA_N

ClientSampleId :

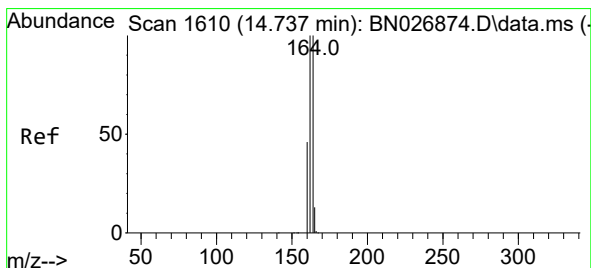
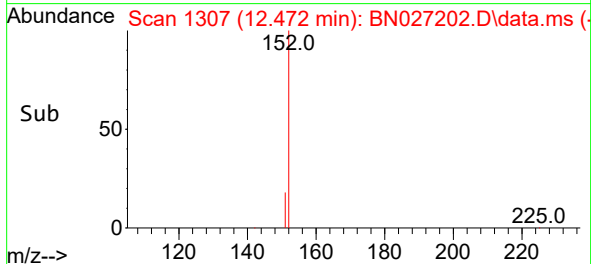
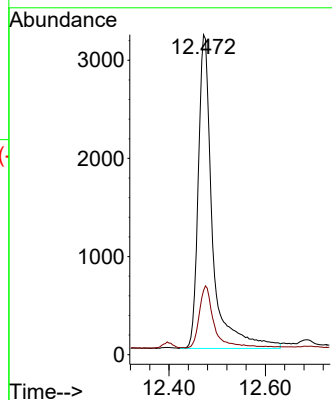
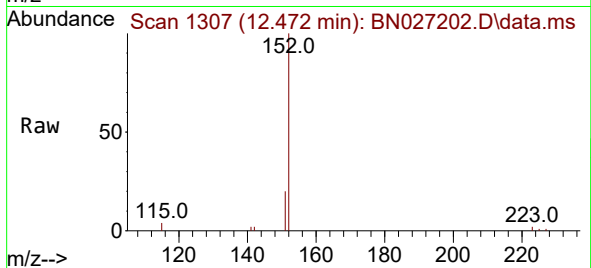
TT180D-20230816

Tgt Ion:152 Resp: 6571

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BN027202.D

Acq: 27 Aug 2023 23:08

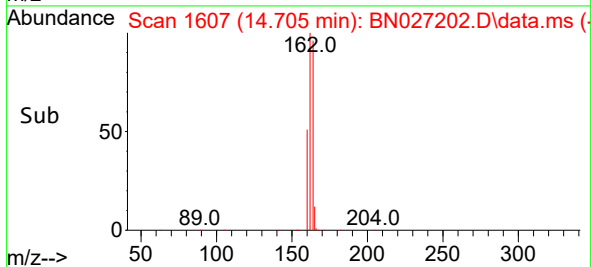
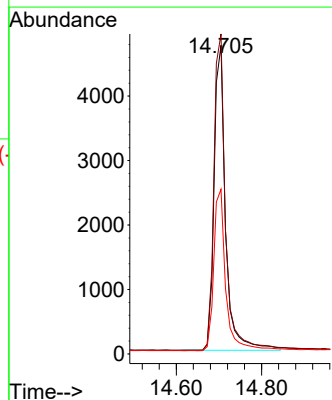
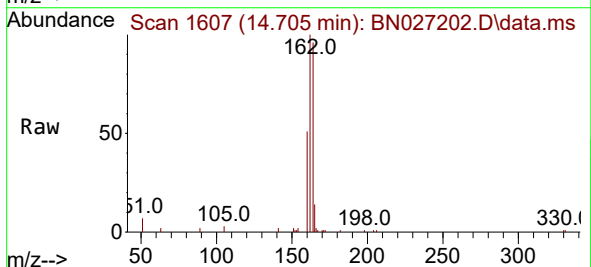
Tgt Ion:164 Resp: 8846

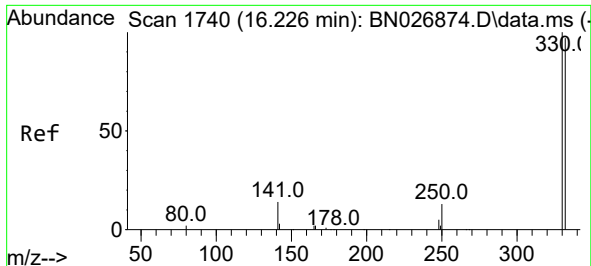
Ion Ratio Lower Upper

164 100

162 103.7 79.7 119.5

160 53.3 37.4 56.0

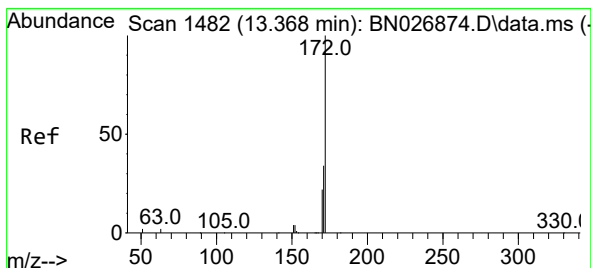
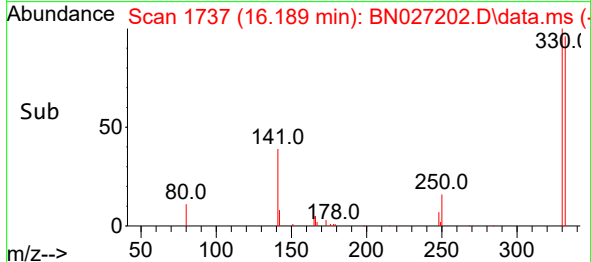
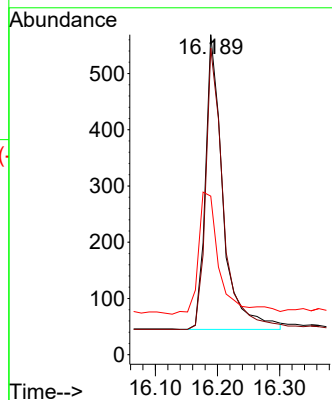
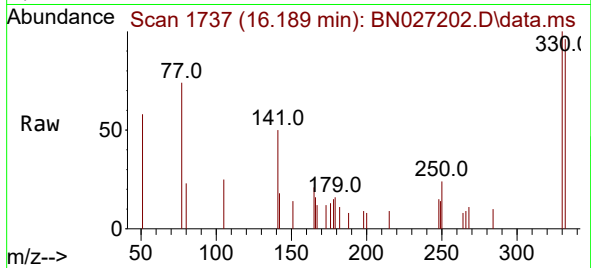




#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

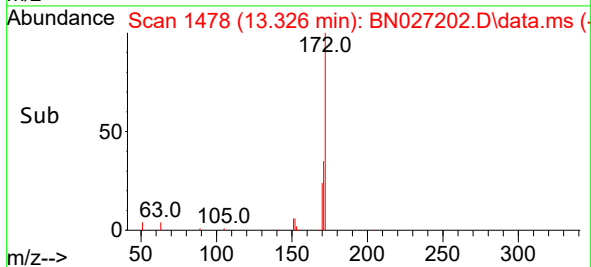
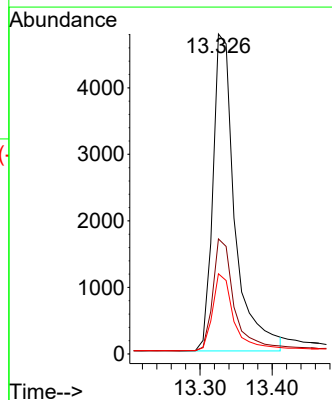
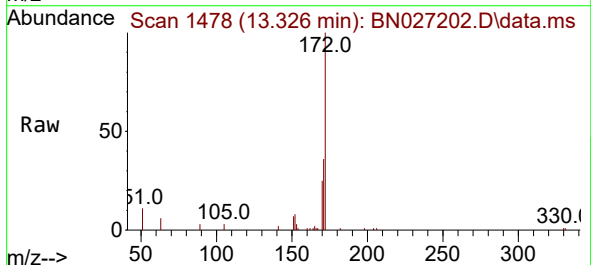
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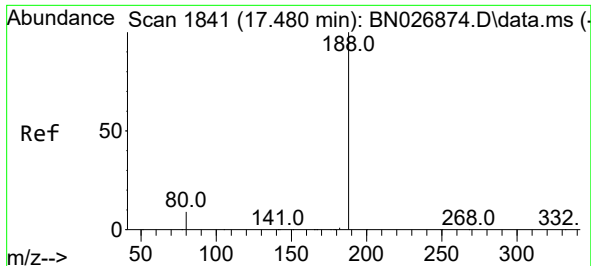
Tgt Ion:330 Resp: 1032
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 49.9 32.3 48.5#



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

Tgt Ion:172 Resp: 10116
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.0
170 25.0 18.0 27.0

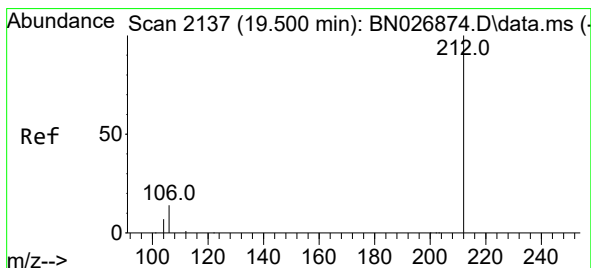
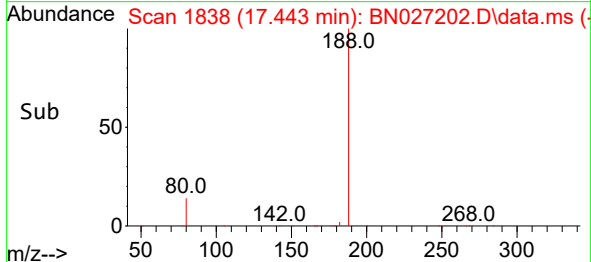
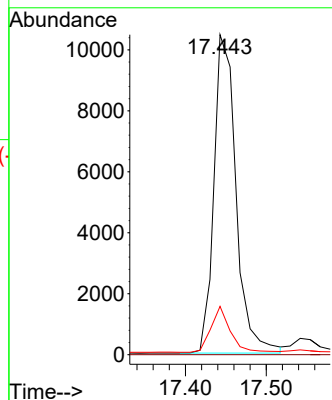
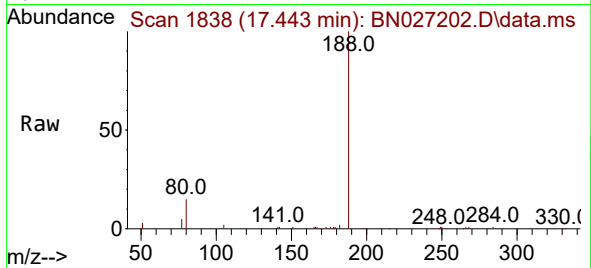




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

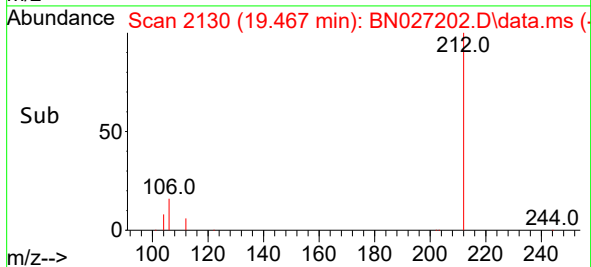
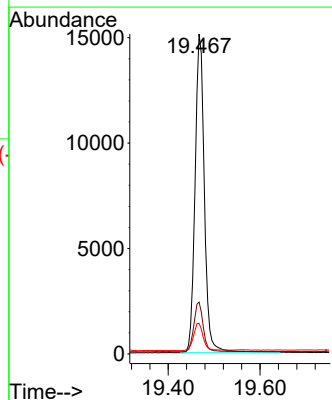
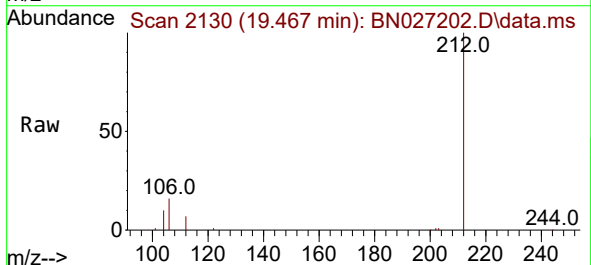
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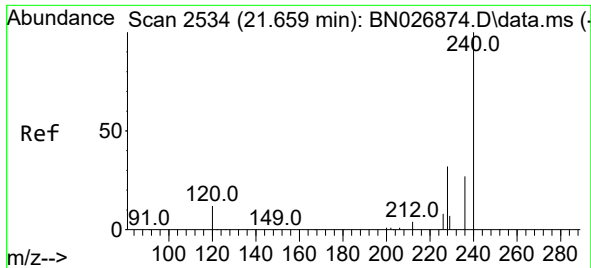
Tgt Ion:188 Resp: 19865
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

Tgt Ion:212 Resp: 21358
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 8.9 5.9 8.9#

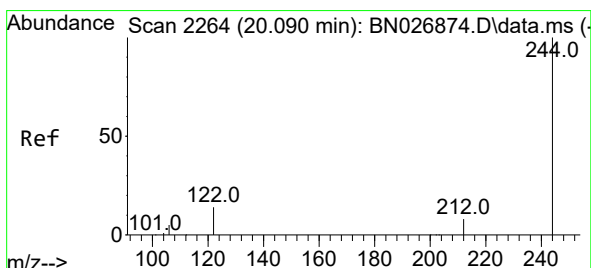
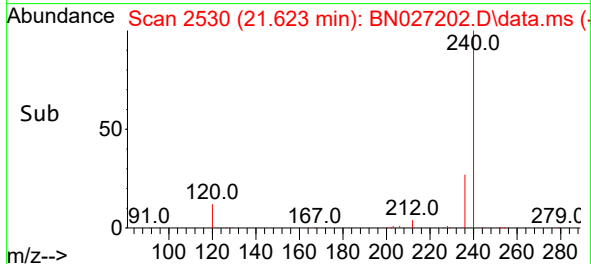
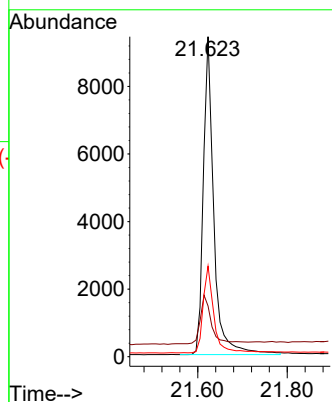
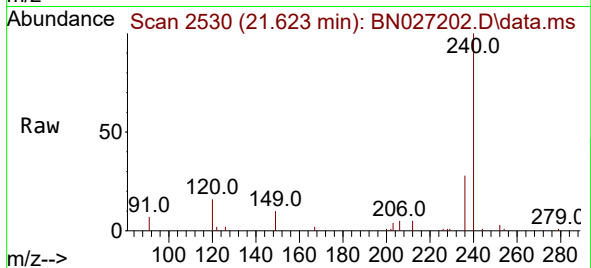




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

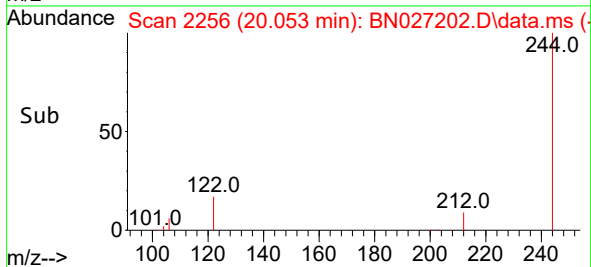
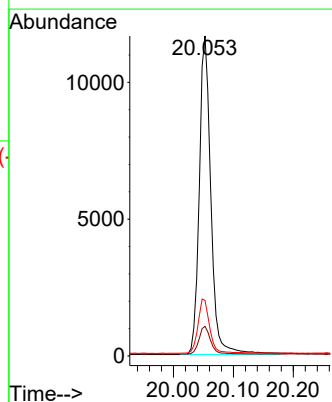
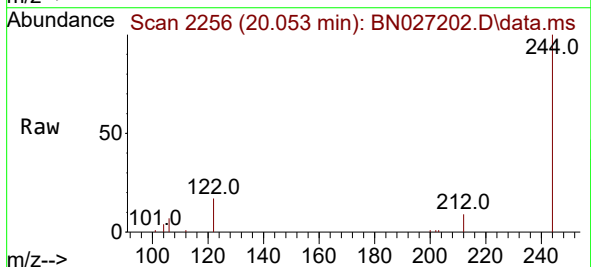
Instrument :
BNA_N
ClientSampleId :
TT180D-20230816

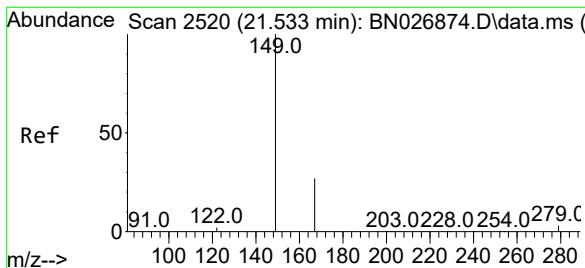
Tgt Ion:240 Resp: 15349
Ion Ratio Lower Upper
240 100
120 15.9 11.1 16.7
236 28.3 22.2 33.2



#31
Terphenyl-d14
Concen: 0.489 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027202.D
Acq: 27 Aug 2023 23:08

Tgt Ion:244 Resp: 15698
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 17.3 11.9 17.9

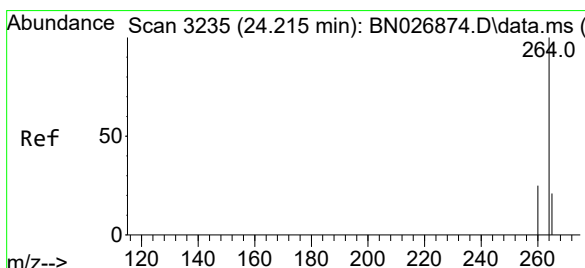
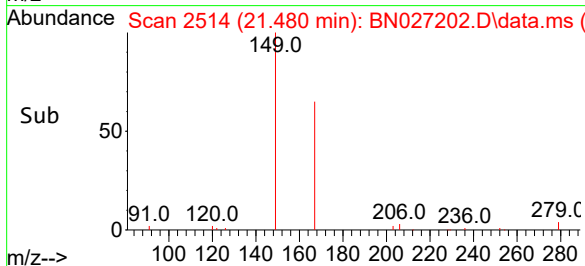
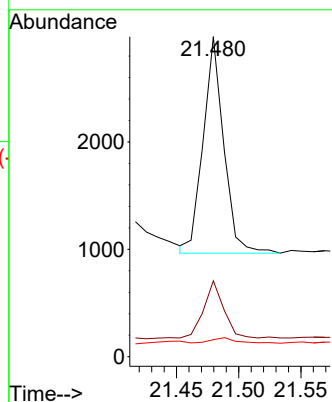
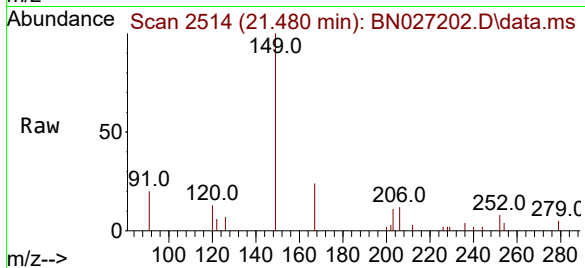




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.480 min Scan# 2149
 Delta R.T. -0.018 min
 Lab File: BN027202.D
 Acq: 27 Aug 2023 23:08

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20230816

Tgt Ion:149 Resp: 2313
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.4 32.0
 279 3.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 3215
 Delta R.T. -0.015 min
 Lab File: BN027202.D
 Acq: 27 Aug 2023 23:08

Tgt Ion:264 Resp: 12684
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.4 30.6
 265 79.1 27.0 40.6#

