

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027180.D
 Acq On : 27 Aug 2023 08:32
 Operator : MA/JU
 Sample : 04096-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW11-MW01S-GW-20230816

Quant Time: Aug 28 00:42:35 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

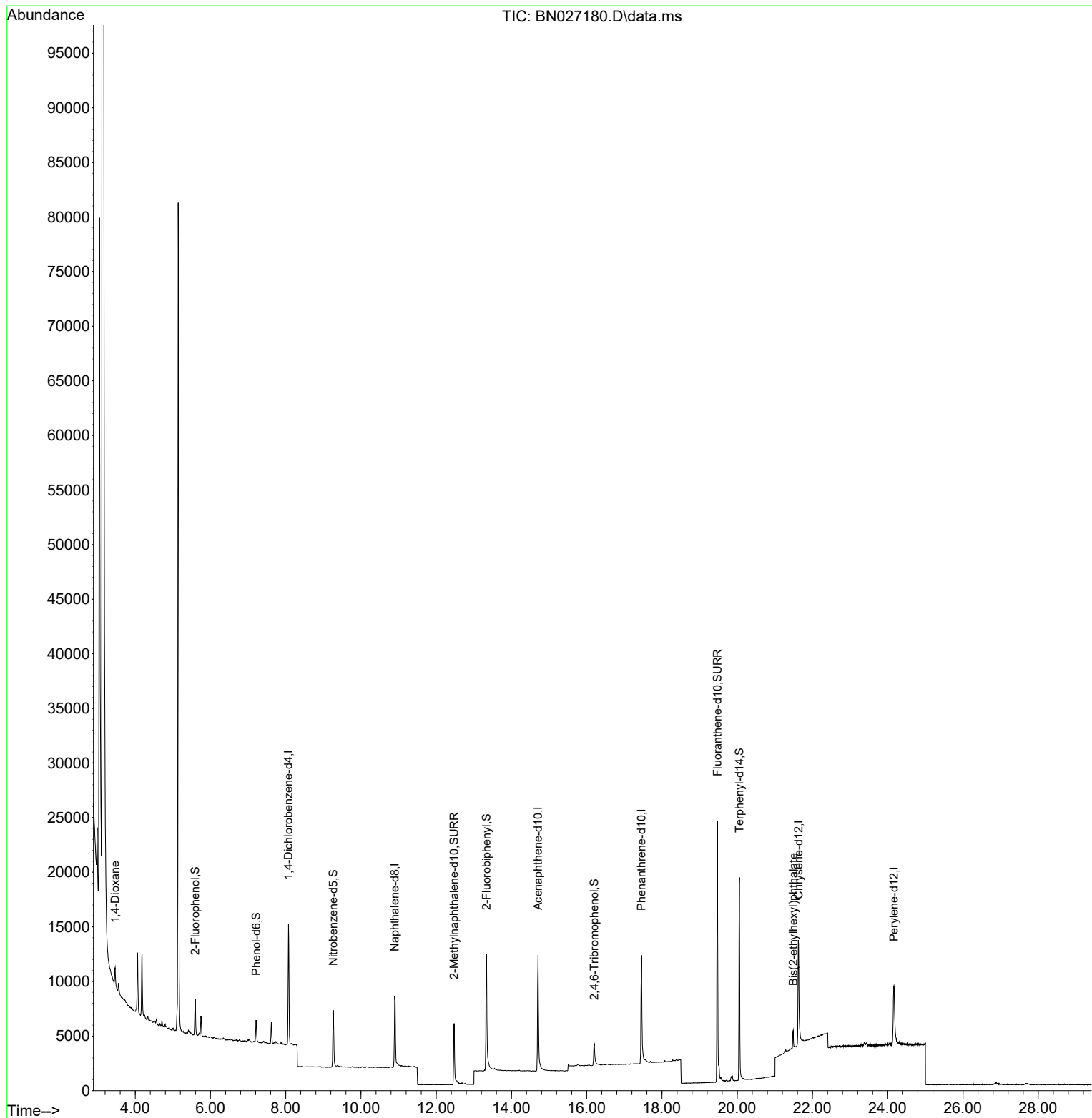
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	5518	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	10778	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	7727	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	17600	0.400	ng	0.00
29) Chrysene-d12	21.632	240	13077	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	11205	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2844	0.183	ng	0.00
5) Phenol-d6	7.214	99	2147	0.112	ng	0.00
8) Nitrobenzene-d5	9.262	82	4721	0.518	ng	-0.01
11) 2-Methylnaphthalene-d10	12.476	152	9780	0.571	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1562	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12526	0.437	ng	0.00
27) Fluoranthene-d10	19.472	212	29180	0.646	ng	0.00
31) Terphenyl-d14	20.057	244	19760	0.723	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	1383	0.233	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.488	149	1896	0.056	ng	# 96

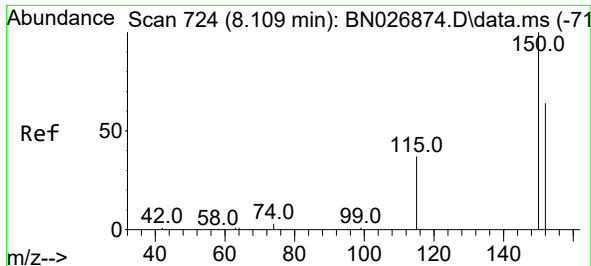
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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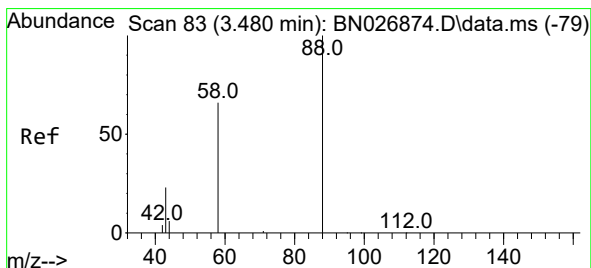
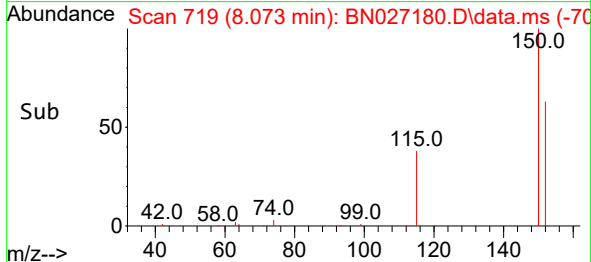
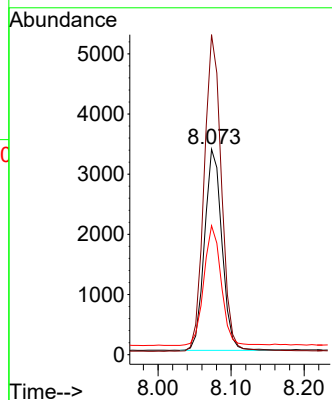
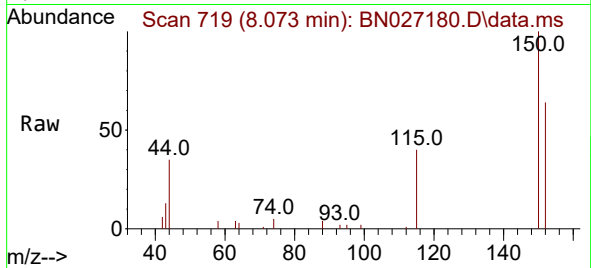




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

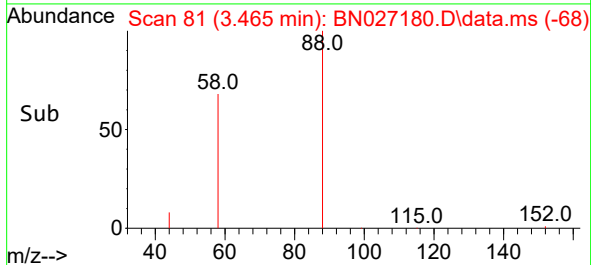
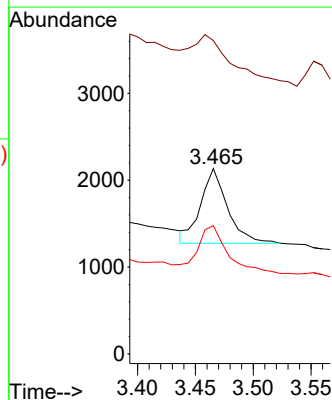
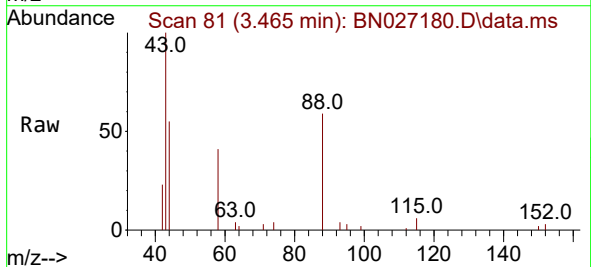
Instrument :
BNA_N
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BP-TT-RW11-MW01S-GW-20230816

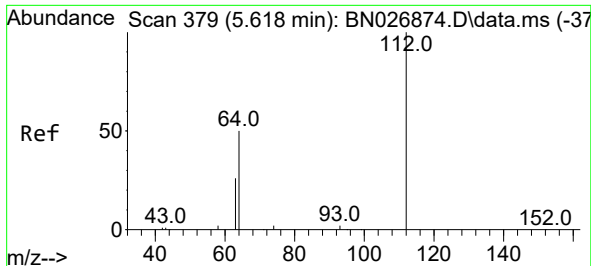
Tgt Ion:152 Resp: 5518
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 62.8 49.7 74.5



#2
1,4-Dioxane
Concen: 0.233 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Tgt Ion: 88 Resp: 1383
Ion Ratio Lower Upper
88 100
43 73.5 19.2 28.8#
58 74.7 54.5 81.7

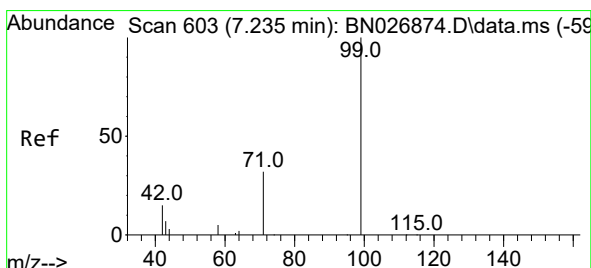
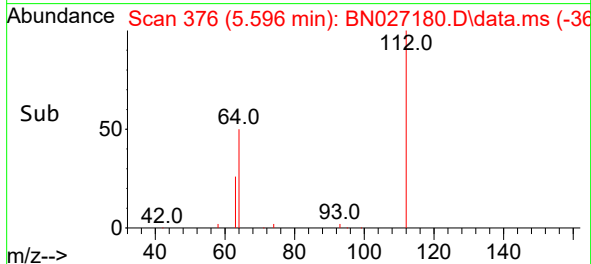
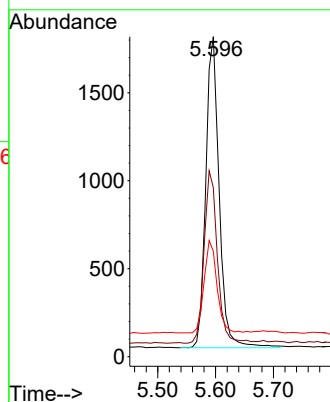
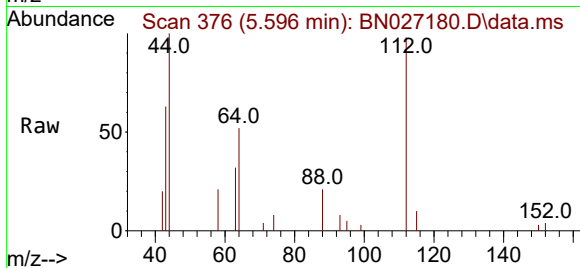




#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

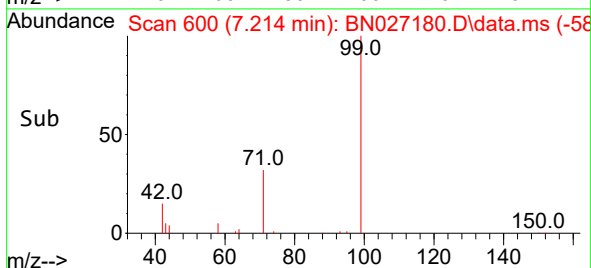
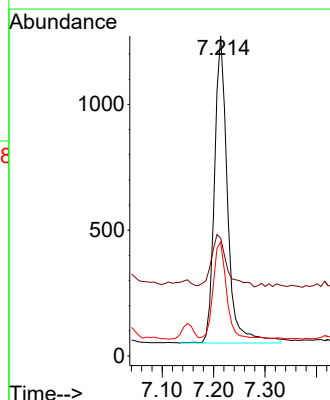
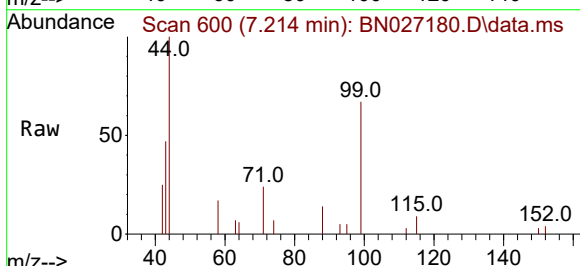
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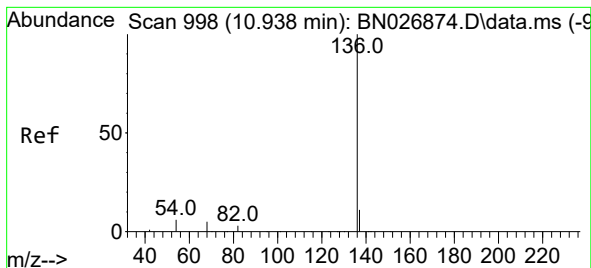
Tgt Ion:	112	Resp:	2844
Ion Ratio	Lower	Upper	
112	100		
64	55.3	41.5	62.3
63	28.7	21.7	32.5



#5
Phenol-d6
Concen: 0.112 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Tgt Ion:	99	Resp:	2147
Ion Ratio	Lower	Upper	
99	100		
42	20.1	13.6	20.4
71	32.1	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: BN027180.D

Acq: 27 Aug 2023 08:32

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW11-MW01S-GW-20230816

Tgt Ion:136 Resp: 10778

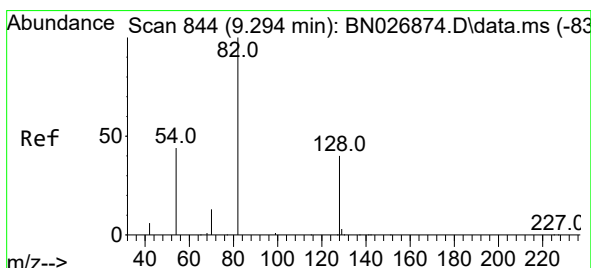
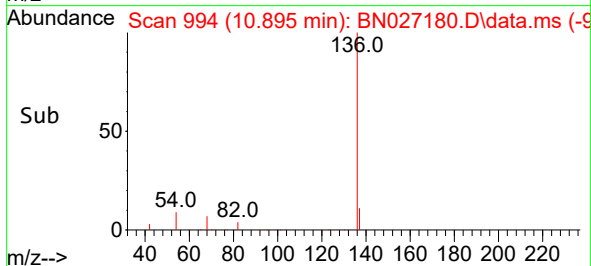
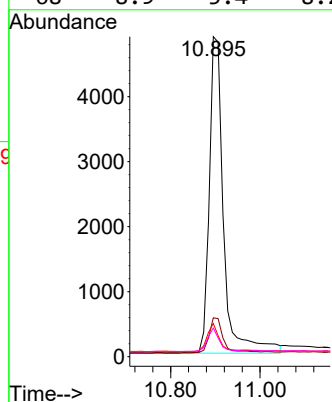
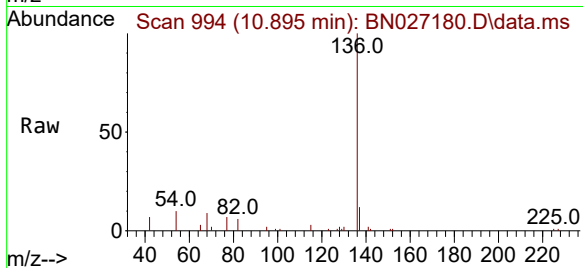
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 10.4 5.5 8.3#

68 8.9 5.4 8.2#



#8

Nitrobenzene-d5

Concen: 0.518 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.011 min

Lab File: BN027180.D

Acq: 27 Aug 2023 08:32

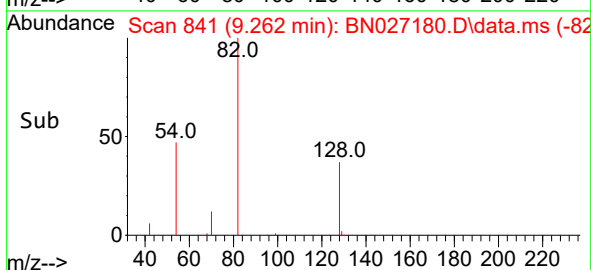
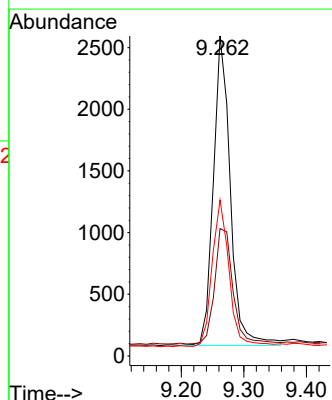
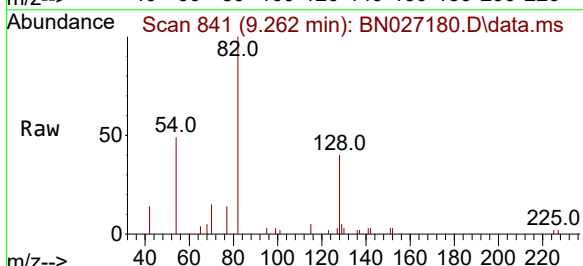
Tgt Ion: 82 Resp: 4721

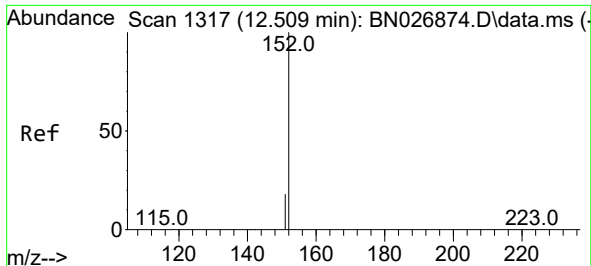
Ion Ratio Lower Upper

82 100

128 39.8 34.1 51.1

54 48.8 37.0 55.4

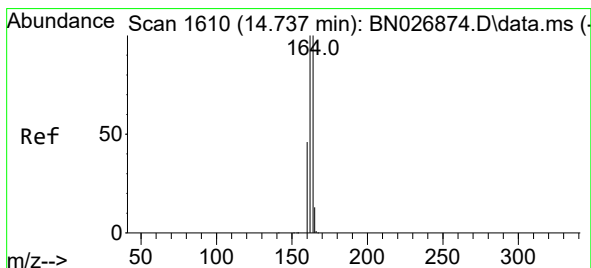
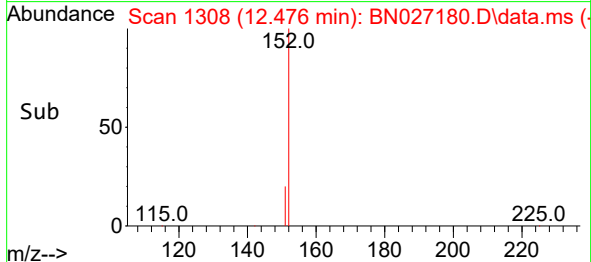
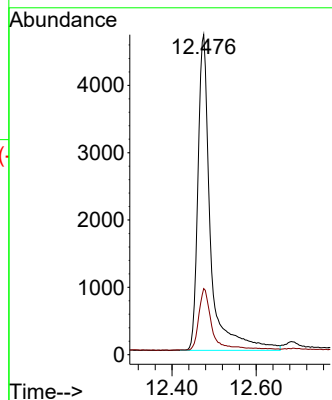
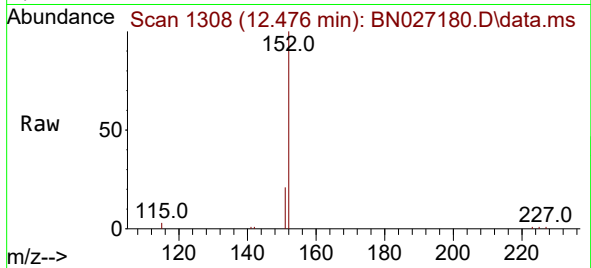




#11
2-Methylnaphthalene-d10
Concen: 0.571 ng
RT: 12.476 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

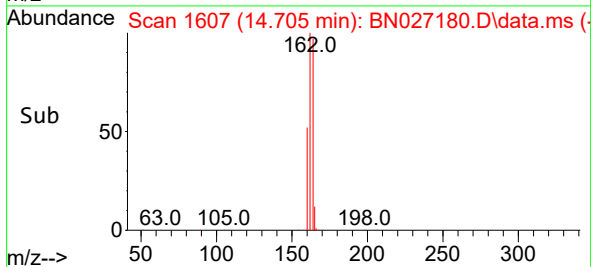
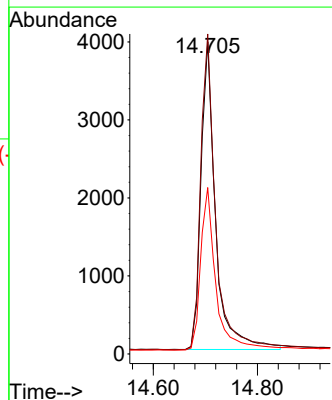
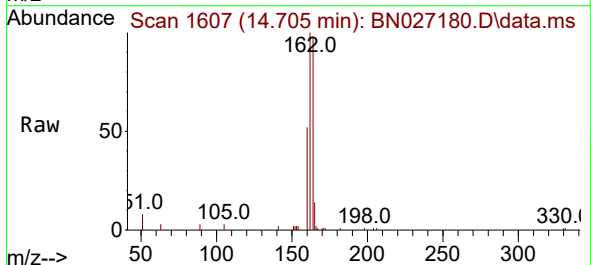
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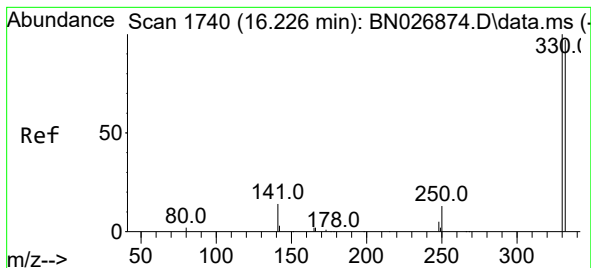
Tgt Ion:152 Resp: 9780
Ion Ratio Lower Upper
152 100
151 19.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

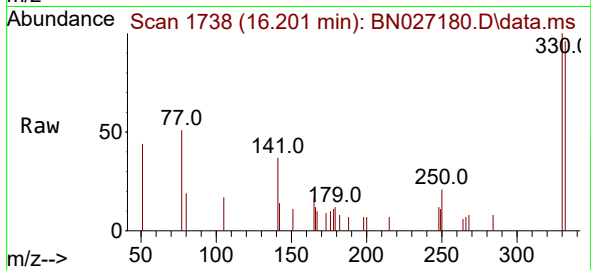
Tgt Ion:164 Resp: 7727
Ion Ratio Lower Upper
164 100
162 102.5 79.7 119.5
160 53.3 37.4 56.0



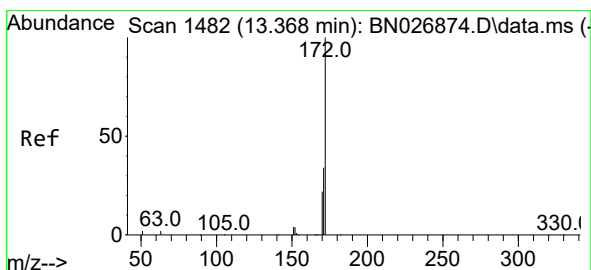
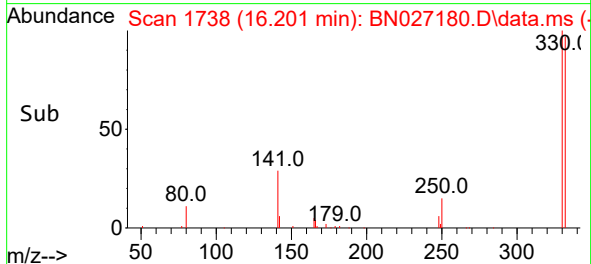
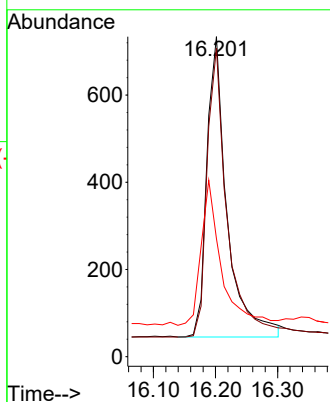


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 16.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW11-MW01S-GW-20230816

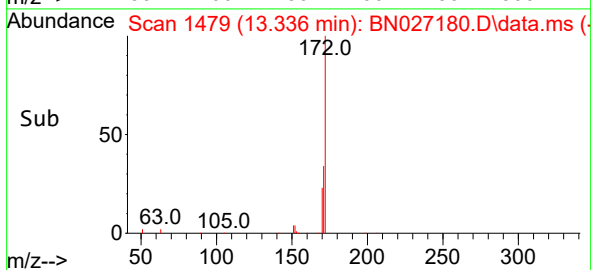
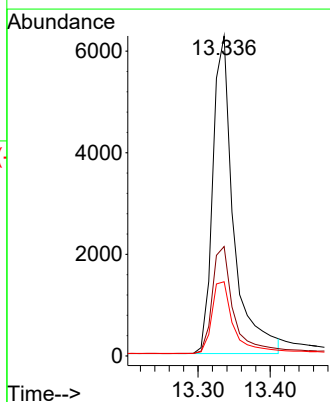
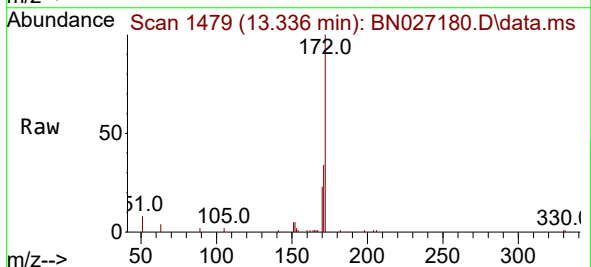


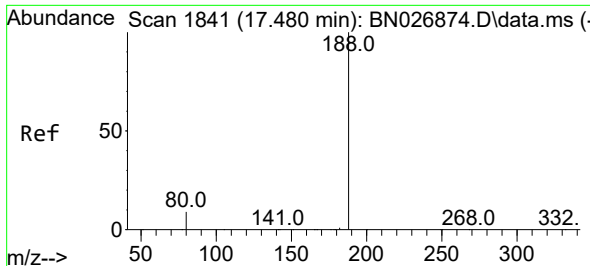
Tgt Ion: 330 Resp: 1562
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 47.6 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Tgt Ion: 172 Resp: 12526
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 23.2 18.0 27.0

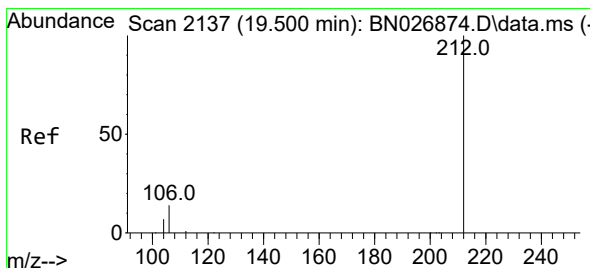
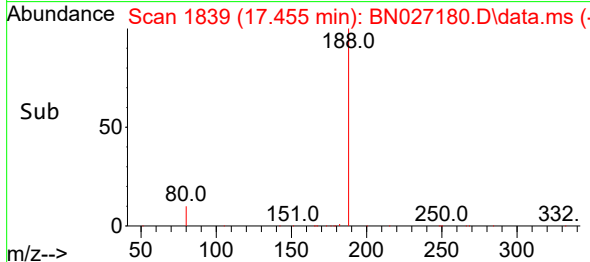
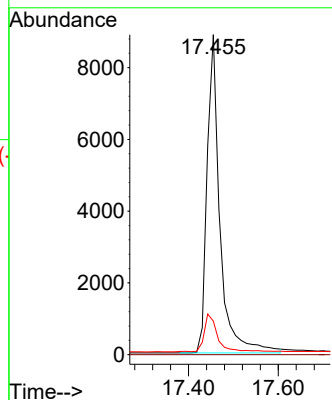
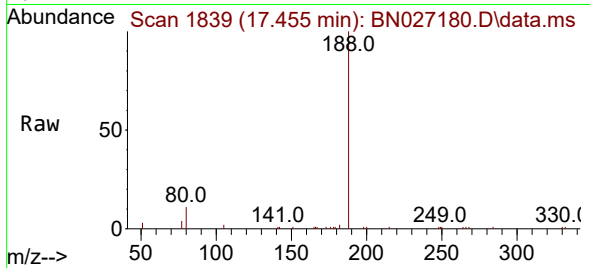




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

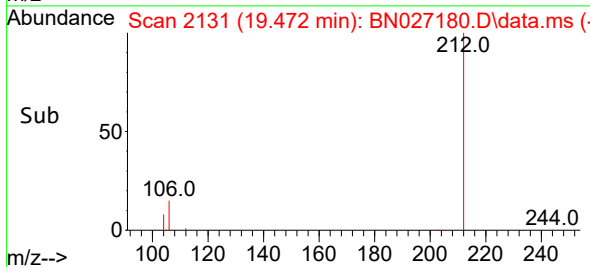
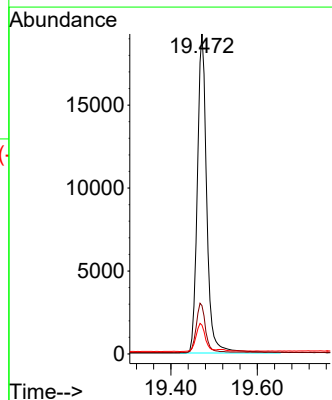
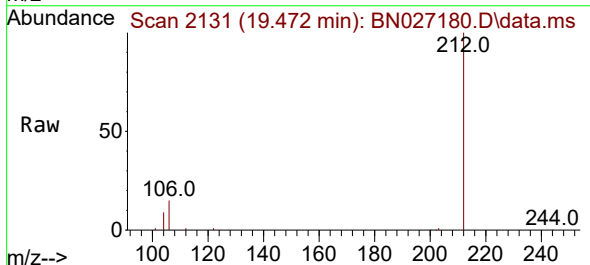
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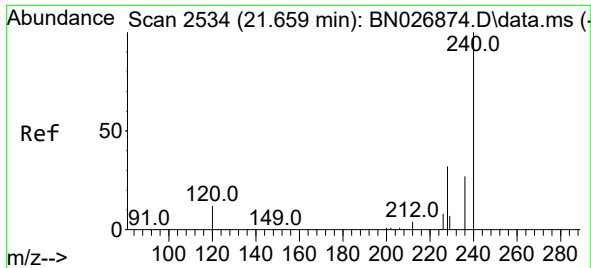
Tgt Ion:188 Resp: 17600
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.646 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Tgt Ion:212 Resp: 29180
Ion Ratio Lower Upper
212 100
106 15.3 10.9 16.3
104 8.7 5.9 8.9

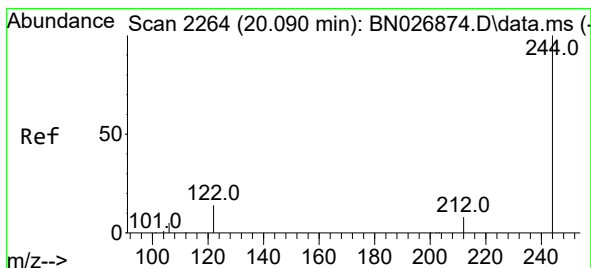
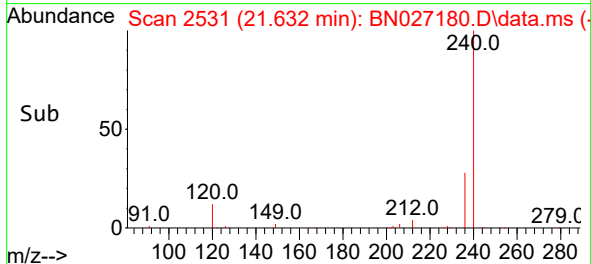
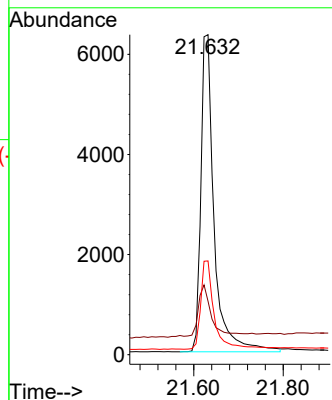
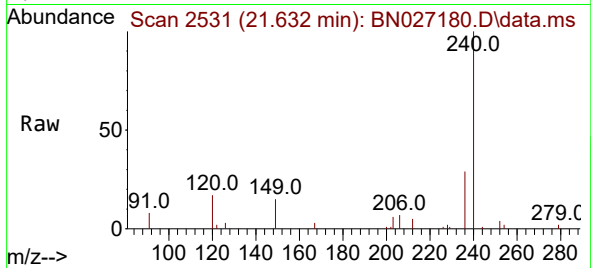




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

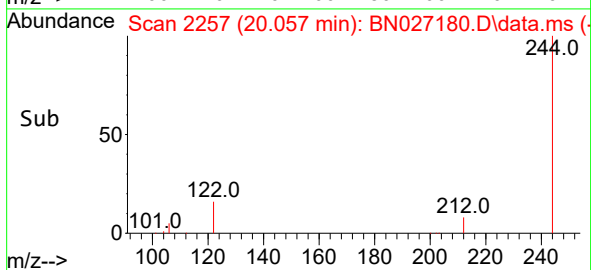
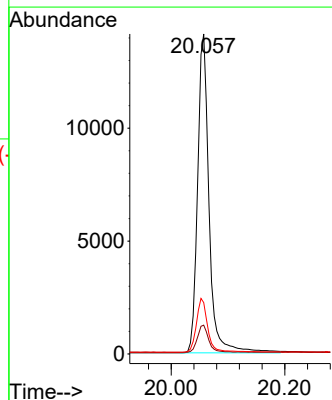
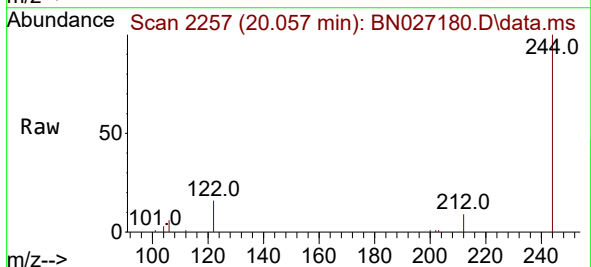
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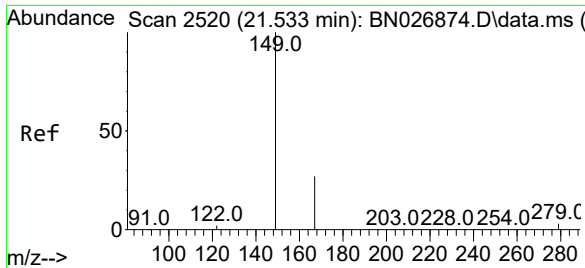
Tgt Ion:240 Resp: 13077
Ion Ratio Lower Upper
240 100
120 16.7 11.1 16.7#
236 29.3 22.2 33.2



#31
Terphenyl-d14
Concen: 0.723 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027180.D
Acq: 27 Aug 2023 08:32

Tgt Ion:244 Resp: 19760
Ion Ratio Lower Upper
244 100
212 9.0 6.9 10.3
122 16.1 11.9 17.9

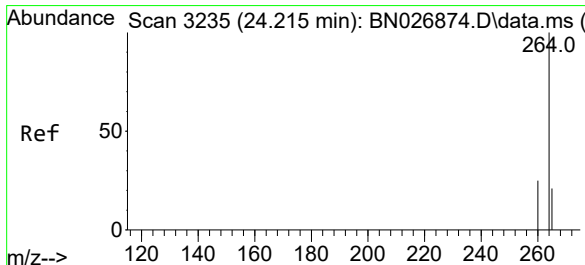
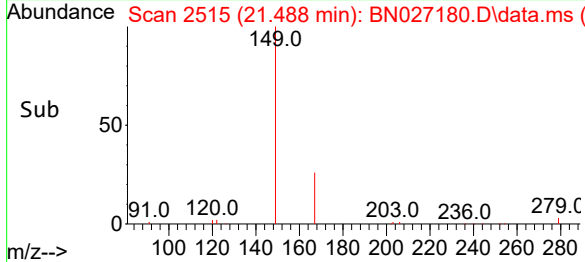
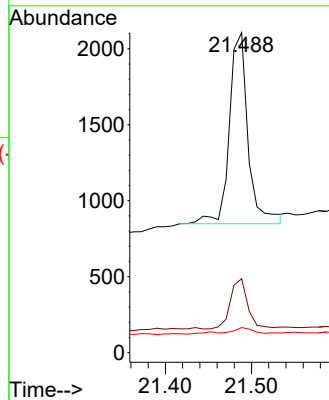
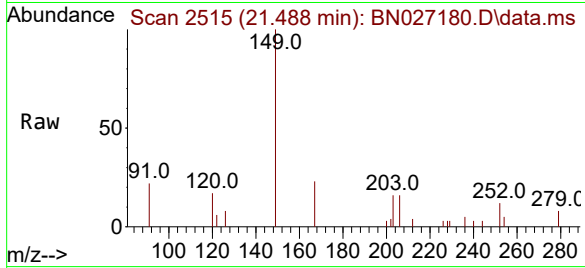




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.488 min Scan# 2148
 Delta R.T. -0.009 min
 Lab File: BN027180.D
 Acq: 27 Aug 2023 08:32

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW11-MW01S-GW-20230816

Tgt Ion:149 Resp: 1896
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.4 32.0
 279 2.9 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3217
 Delta R.T. -0.009 min
 Lab File: BN027180.D
 Acq: 27 Aug 2023 08:32

Tgt Ion:264 Resp: 11205
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.4 30.6
 265 89.2 27.0 40.6#

