

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028186.D
 Acq On : 10 Oct 2023 07:26
 Operator : MA/JU
 Sample : 04740-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW4

Quant Time: Oct 10 07:56:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

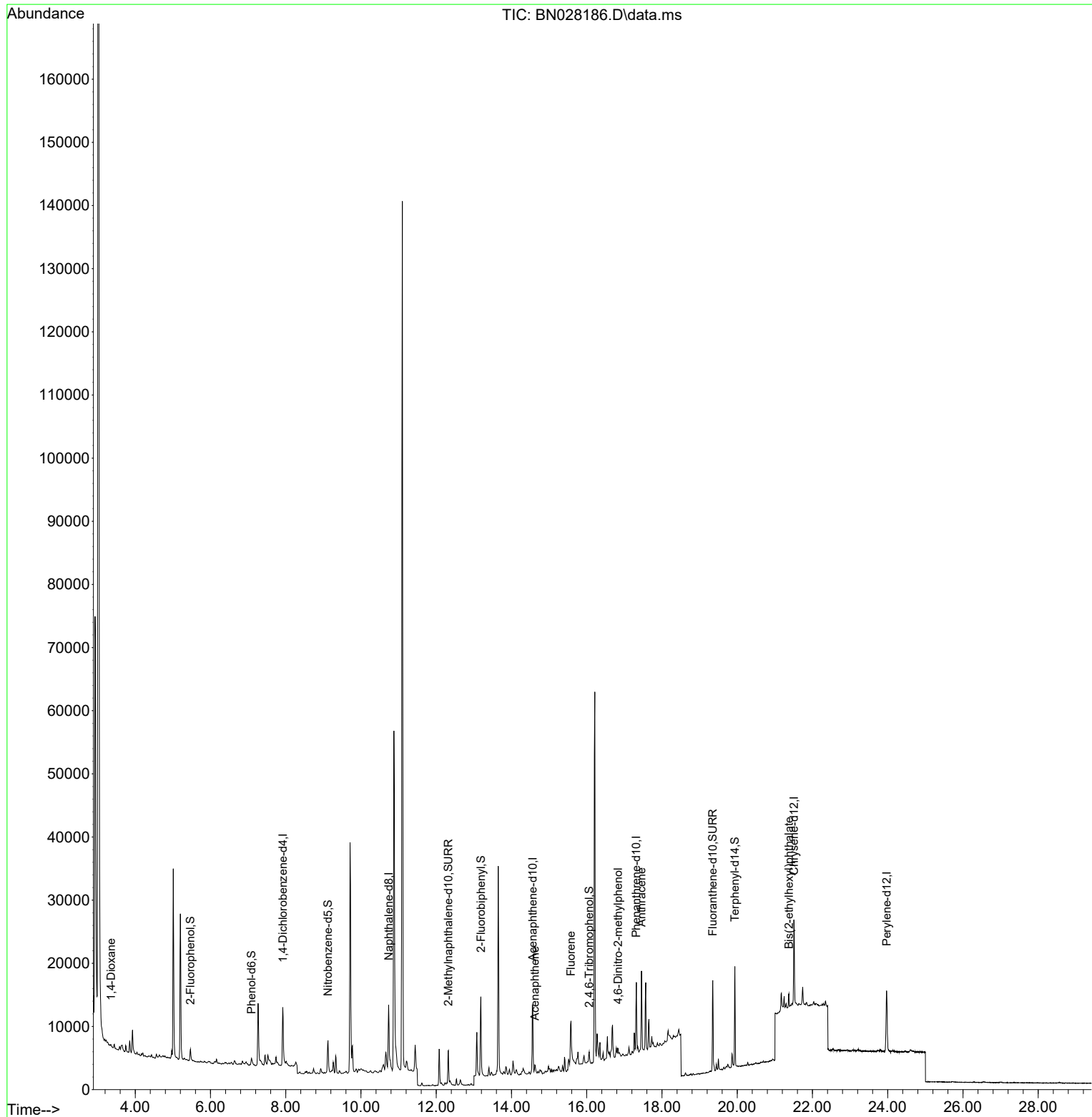
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4616	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	14104	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7322	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14867	0.400	ng	0.00
29) Chrysene-d12	21.506	240	13149	0.400	ng	# 0.00
35) Perylene-d12	23.969	264	14193	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	1827	0.133	ng	0.00
5) Phenol-d6	7.091	99	1302	0.075	ng	0.00
8) Nitrobenzene-d5	9.123	82	4568	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	7720	0.369	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1068	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	11540	0.437	ng	0.00
27) Fluoranthene-d10	19.351	212	16145	0.432	ng	0.00
31) Terphenyl-d14	19.936	244	15140	0.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	249	0.048	ng	# 1
17) Acenaphthene	14.619	154	650	0.031	ng	# 83
18) Fluorene	15.581	166	4298	0.160	ng	# 31
20) 4,6-Dinitro-2-methylph...	16.834	198	660	3.340	ng	# 11
26) Anthracene	17.455	178	2479	0.065	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.372	149	2177	0.074	ng	# 98

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

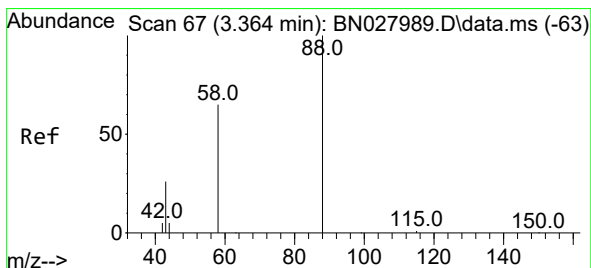
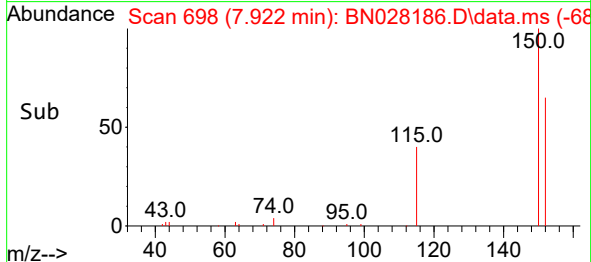
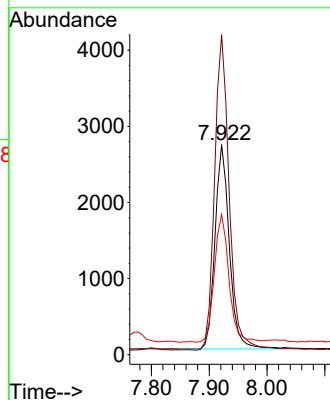
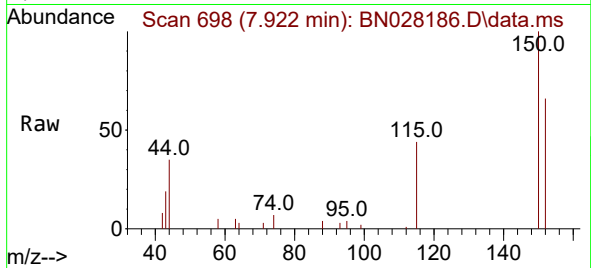




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

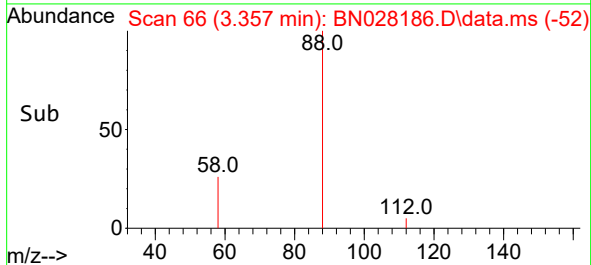
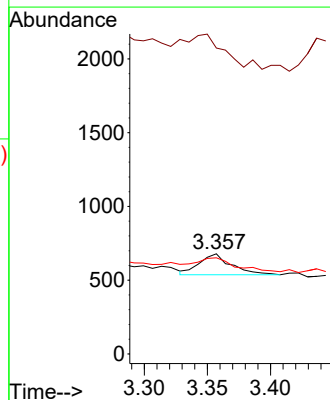
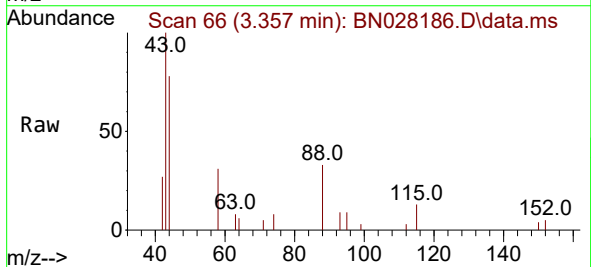
Instrument :
 BNA_N
 ClientSampleId :
 MW4

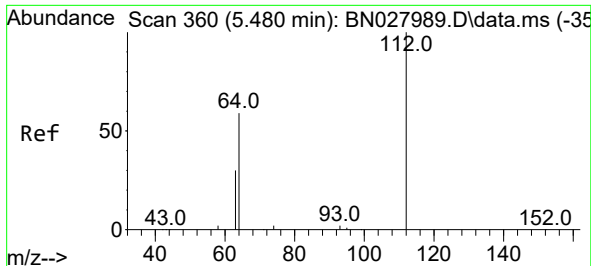
Tgt Ion:152 Resp: 4616
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.6 188.4
 115 66.7 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

Tgt Ion: 88 Resp: 249
 Ion Ratio Lower Upper
 88 100
 43 259.8 24.6 36.8#
 58 82.3 53.8 80.6#

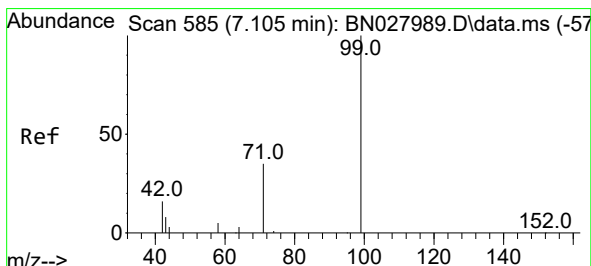
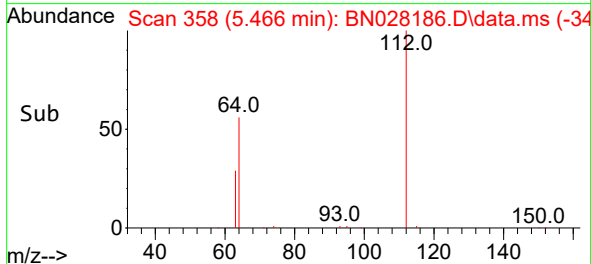
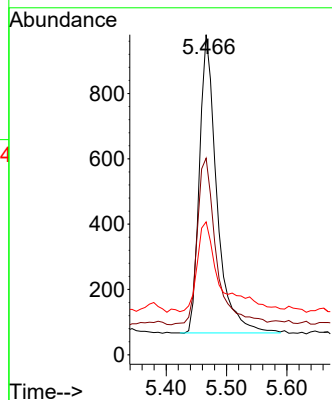
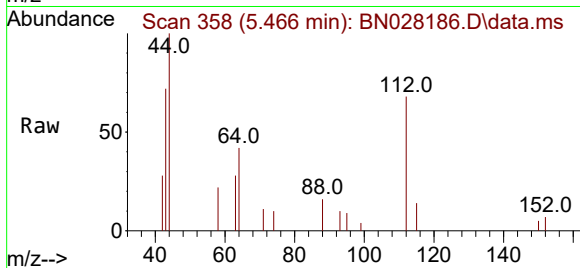




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.466 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

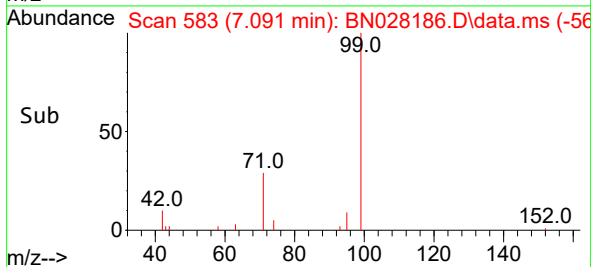
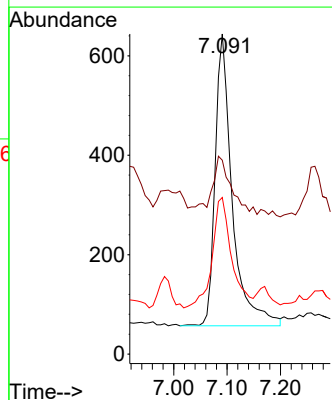
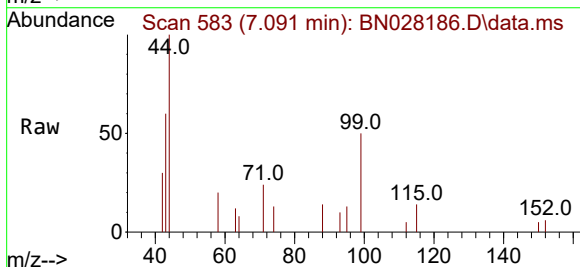
Instrument :
BNA_N
ClientSampleId :
MW4

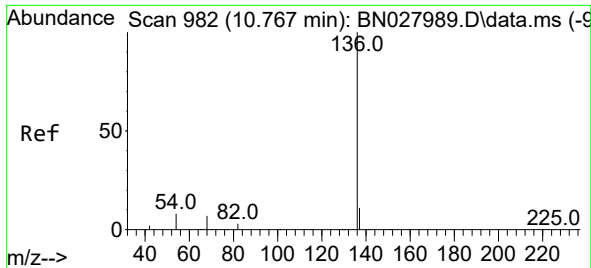
Tgt Ion:112 Resp: 1827
Ion Ratio Lower Upper
112 100
64 61.2 45.0 67.6
63 39.8 23.4 35.0#



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.091 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Tgt Ion: 99 Resp: 1302
Ion Ratio Lower Upper
99 100
42 22.2 14.6 22.0#
71 43.4 28.3 42.5#

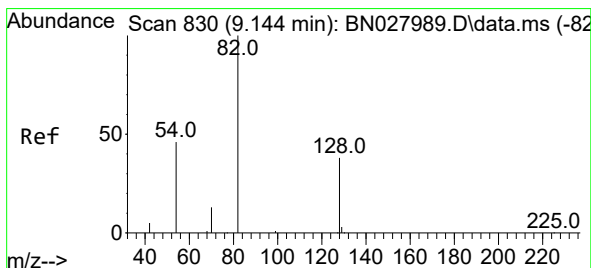
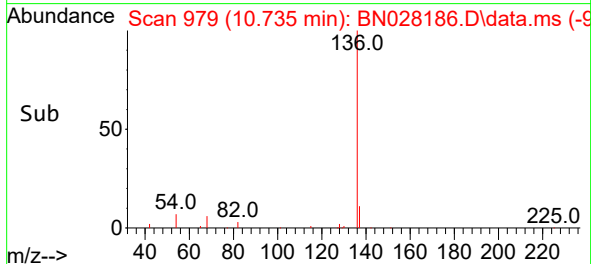
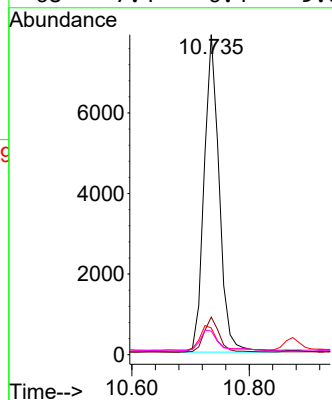
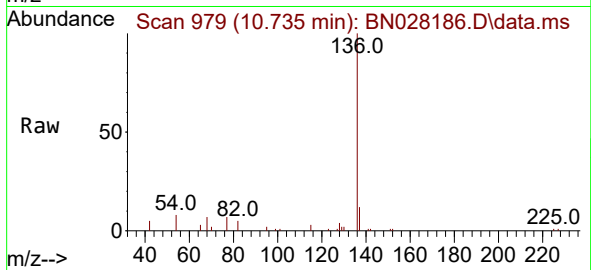




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

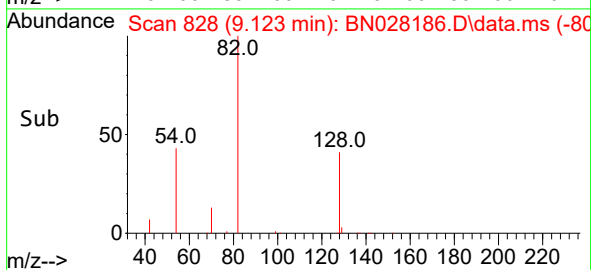
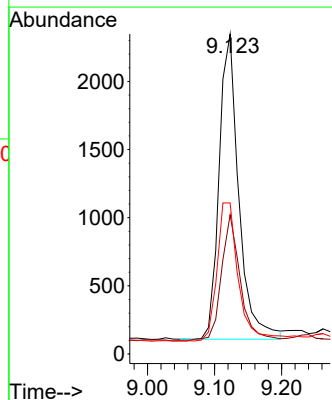
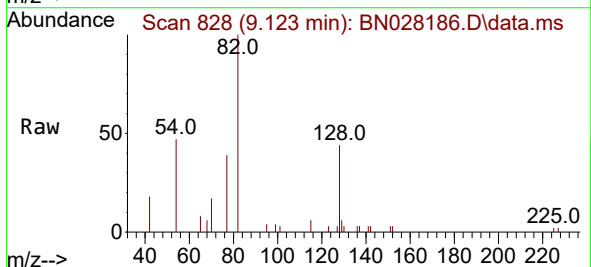
Instrument :
BNA_N
ClientSampleId :
MW4

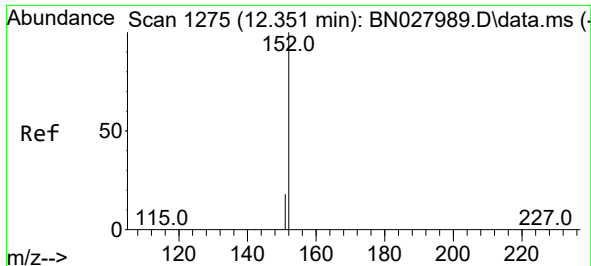
Tgt Ion:136	Resp:	14104
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.4 14.0
54	8.3	7.0 10.6
68	7.4	6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Tgt Ion: 82	Resp:	4568
Ion Ratio	Lower	Upper
82	100	
128	43.5	32.7 49.1
54	47.2	38.7 58.1

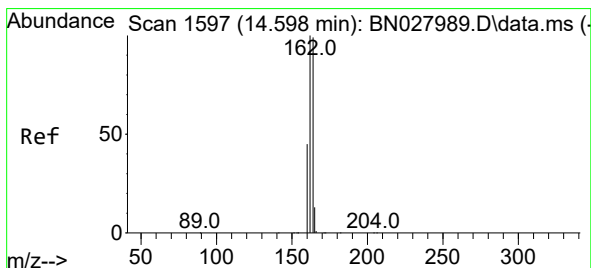
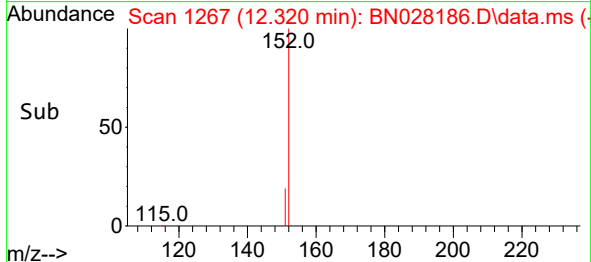
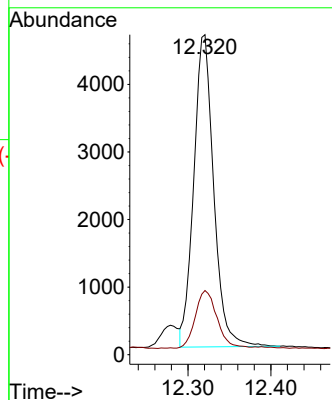
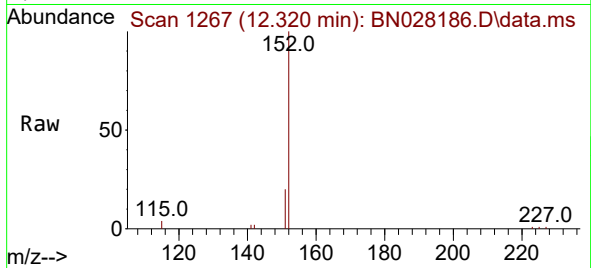




#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.320 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

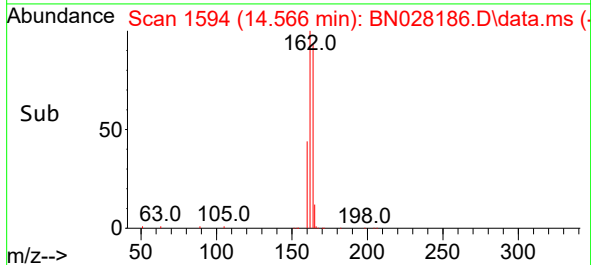
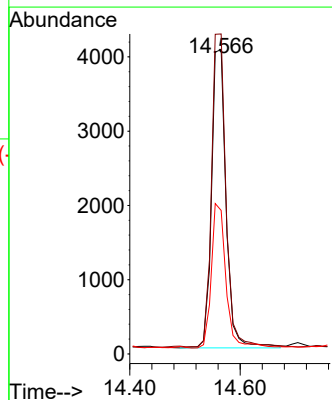
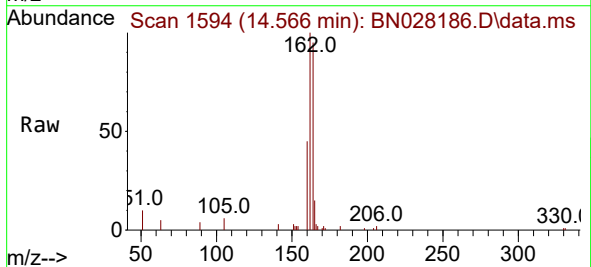
Instrument :
BNA_N
ClientSampleId :
MW4

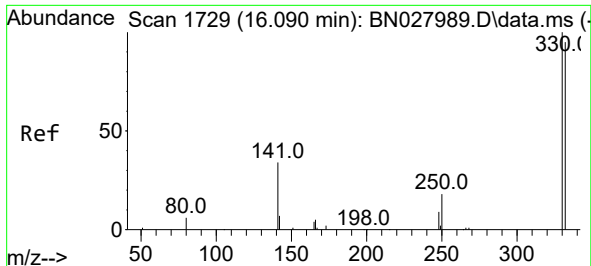
Tgt Ion:152 Resp: 7720
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

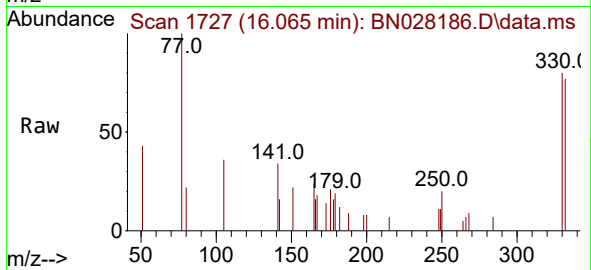
Tgt Ion:164 Resp: 7322
Ion Ratio Lower Upper
164 100
162 105.2 80.8 121.2
160 47.2 36.4 54.6



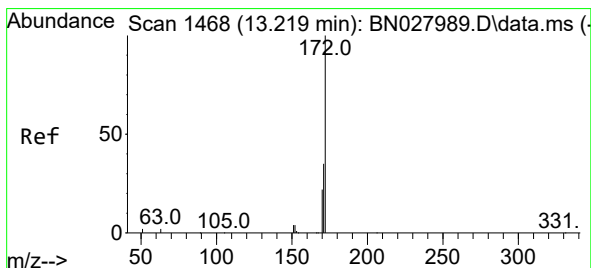
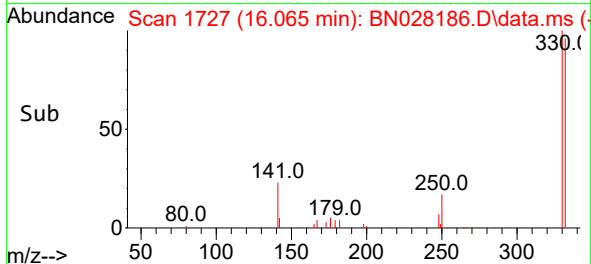
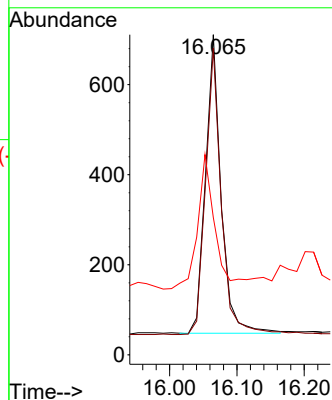


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 16.065 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Instrument :
BNA_N
ClientSampleId :
MW4

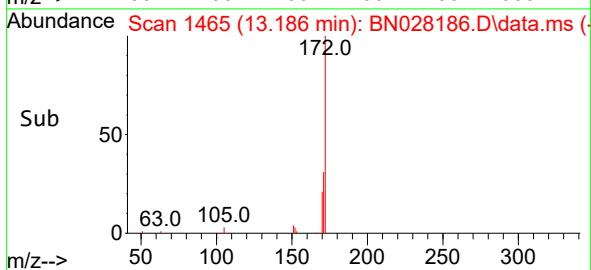
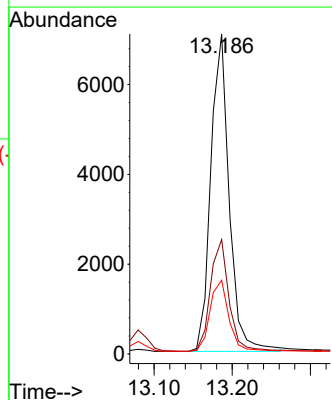
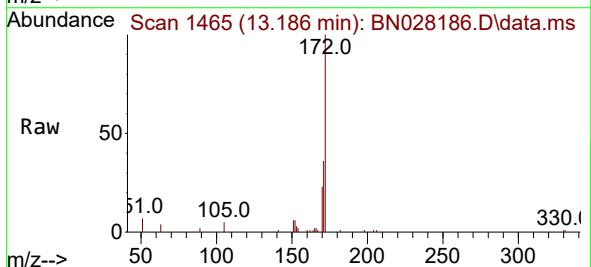


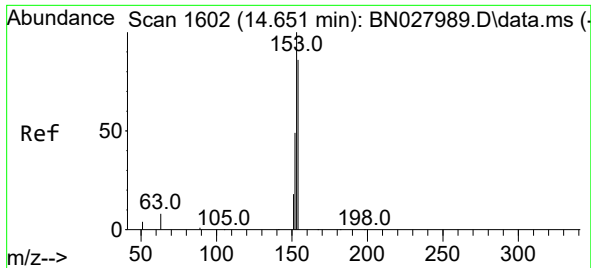
Tgt Ion: 330 Resp: 1068
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 49.8 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Tgt Ion: 172 Resp: 11540
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.1 18.4 27.6

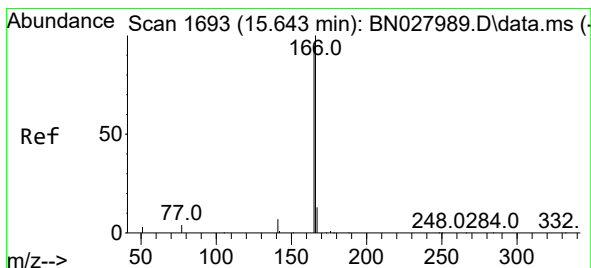
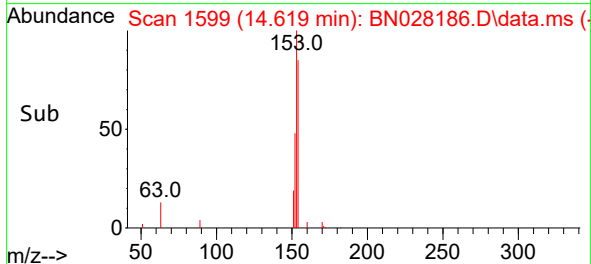
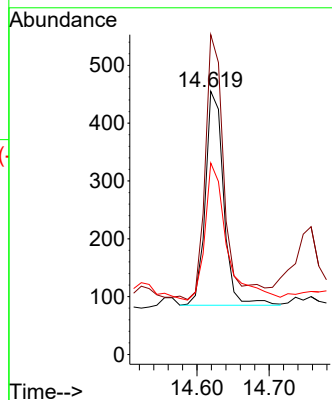
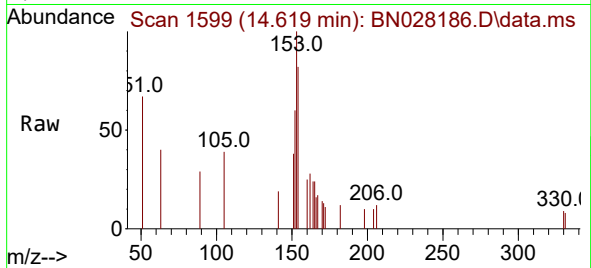




#17
Acenaphthene
Concen: 0.031 ng
RT: 14.619 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

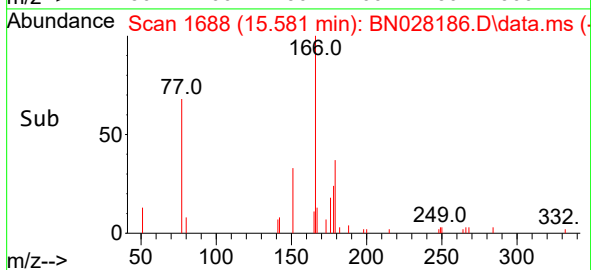
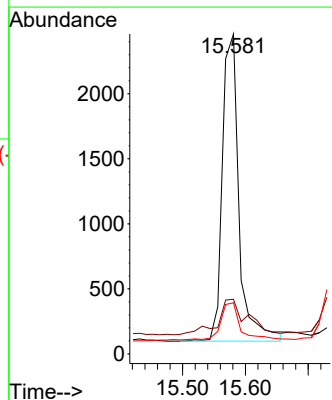
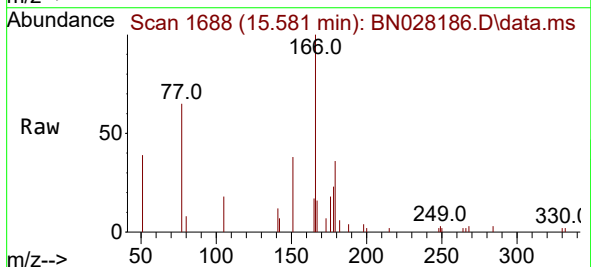
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ClientSampleId :
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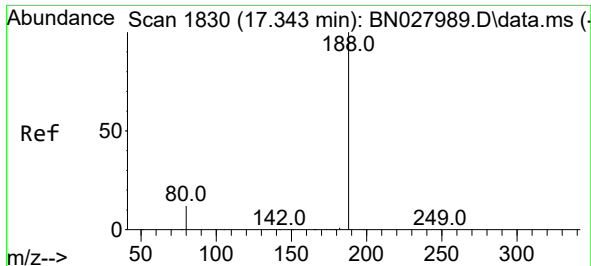
Tgt Ion:154 Resp: 650
Ion Ratio Lower Upper
154 100
153 124.2 90.8 136.2
152 76.8 43.9 65.9#



#18
Fluorene
Concen: 0.160 ng
RT: 15.581 min Scan# 1688
Delta R.T. -0.037 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Tgt Ion:166 Resp: 4298
Ion Ratio Lower Upper
166 100
165 21.1 77.8 116.8#
167 16.1 10.7 16.1

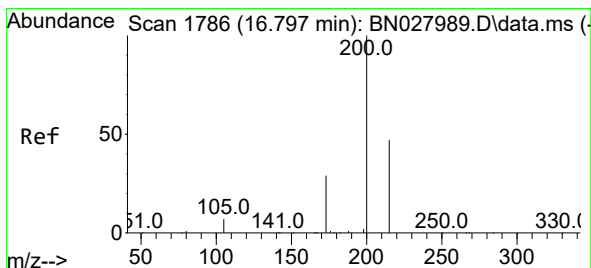
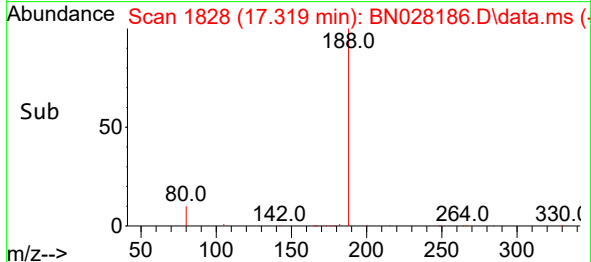
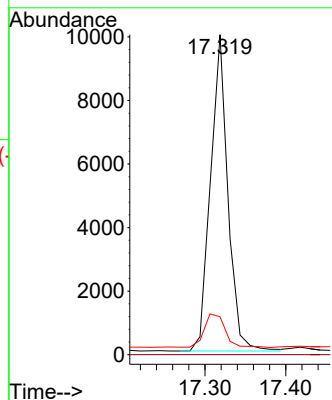
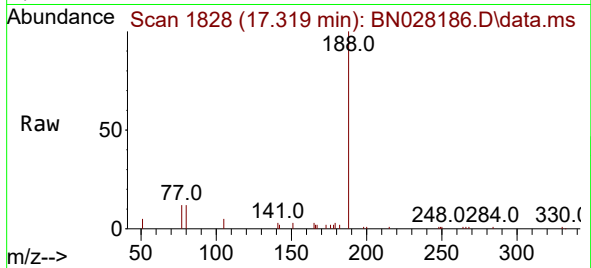




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

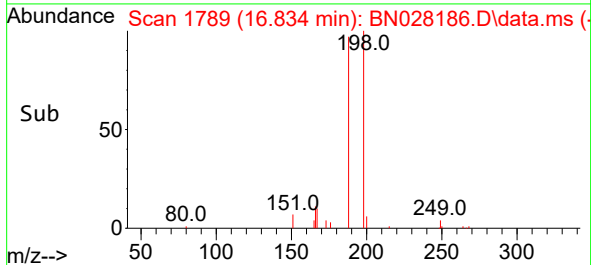
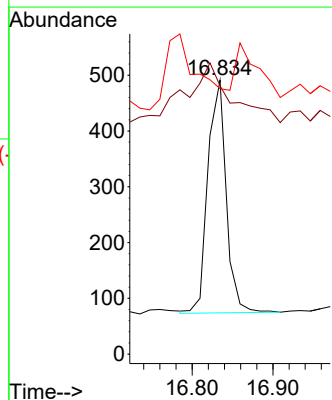
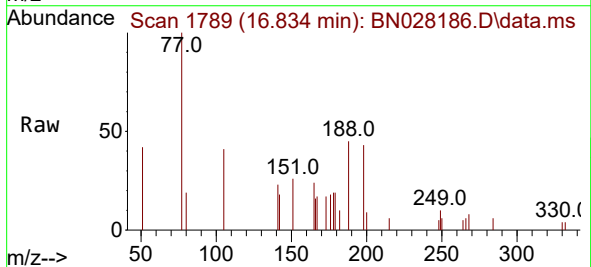
Instrument :
BNA_N
ClientSampleId :
MW4

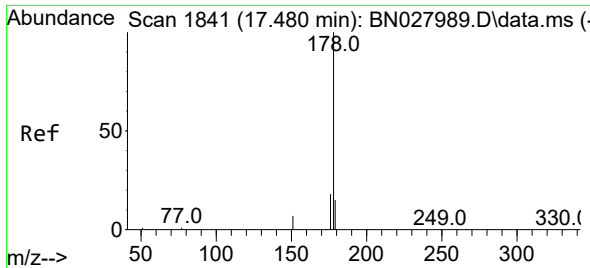
Tgt Ion:188 Resp: 14867
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 10.2 15.4



#20
4,6-Dinitro-2-methylphenol
Concen: 3.340 ng
RT: 16.834 min Scan# 1789
Delta R.T. 0.050 min
Lab File: BN028186.D
Acq: 10 Oct 2023 07:26

Tgt Ion:198 Resp: 660
Ion Ratio Lower Upper
198 100
51 98.0 180.7 271.1#
105 96.9 222.2 333.2#

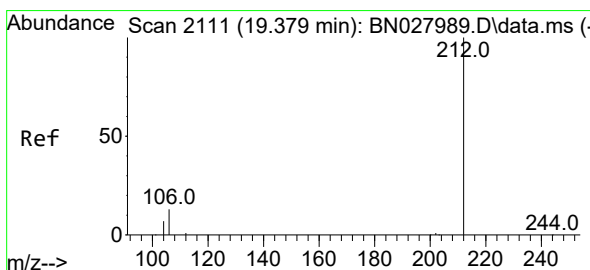
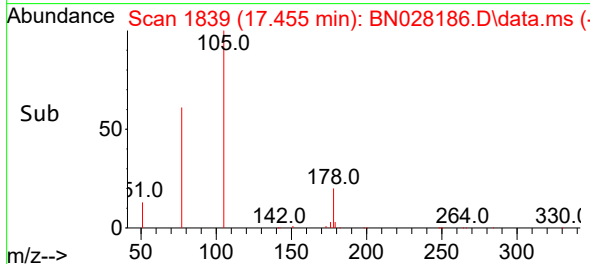
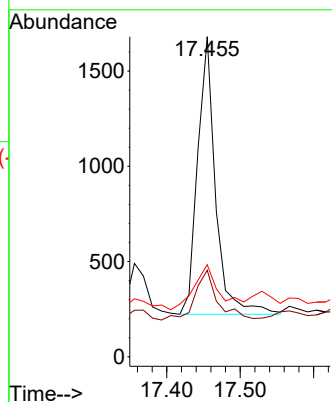
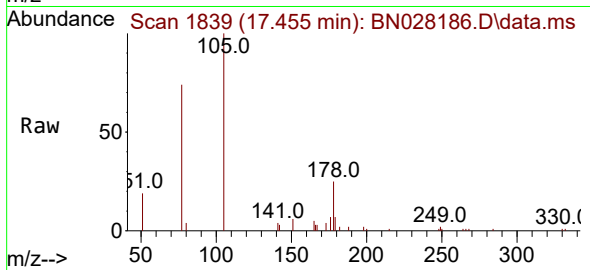




#26
 Anthracene
 Concen: 0.065 ng
 RT: 17.455 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

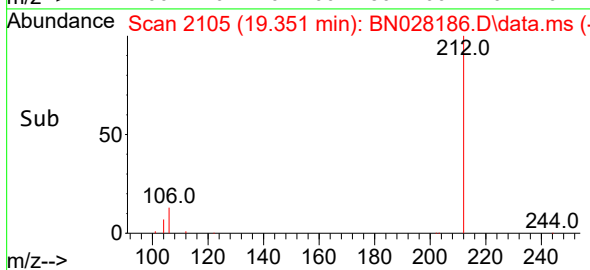
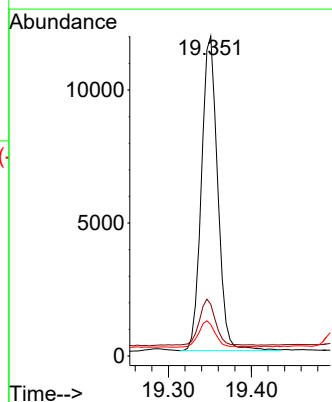
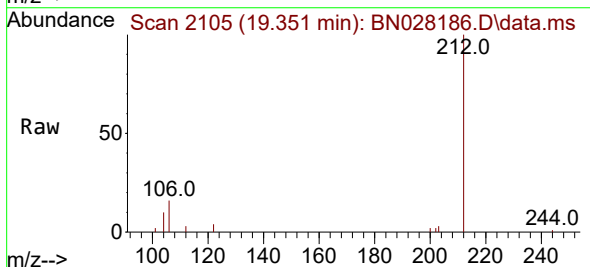
Instrument :
 BNA_N
 ClientSampleId :
 MW4

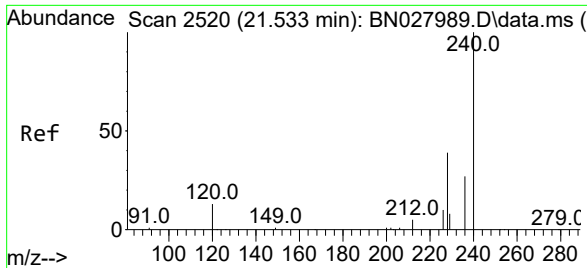
Tgt Ion:178 Resp: 2479
 Ion Ratio Lower Upper
 178 100
 176 22.5 14.7 22.1#
 179 22.8 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.432 ng
 RT: 19.351 min Scan# 2105
 Delta R.T. -0.005 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

Tgt Ion:212 Resp: 16145
 Ion Ratio Lower Upper
 212 100
 106 15.4 11.3 16.9
 104 8.6 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.506 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028186.D

Acq: 10 Oct 2023 07:26

Instrument :

BNA_N

ClientSampleId :

MW4

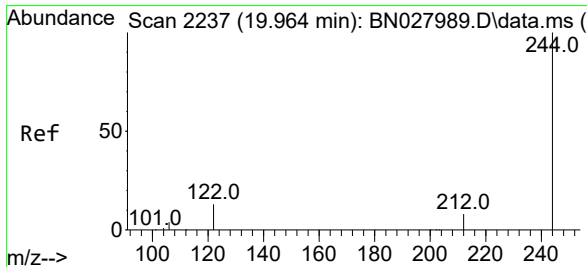
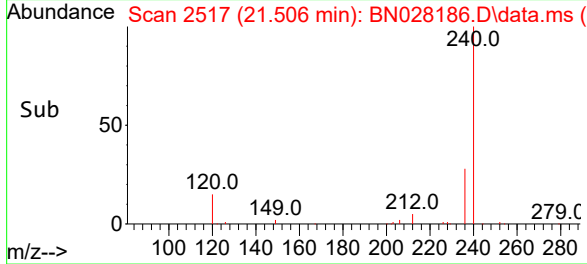
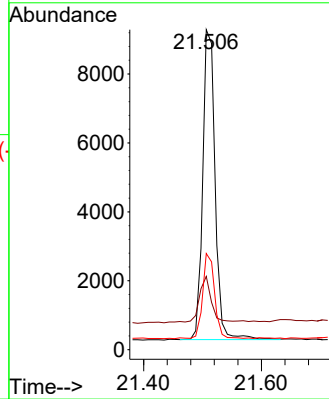
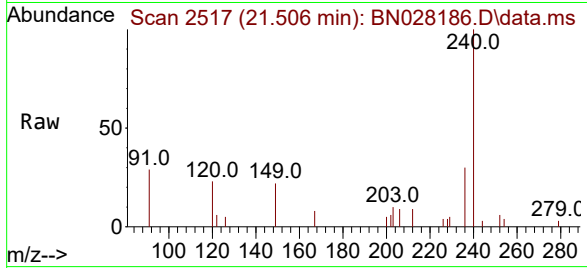
Tgt Ion:240 Resp: 13149

Ion Ratio Lower Upper

240 100

120 22.9 13.8 20.6#

236 30.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.494 ng

RT: 19.936 min Scan# 2231

Delta R.T. -0.005 min

Lab File: BN028186.D

Acq: 10 Oct 2023 07:26

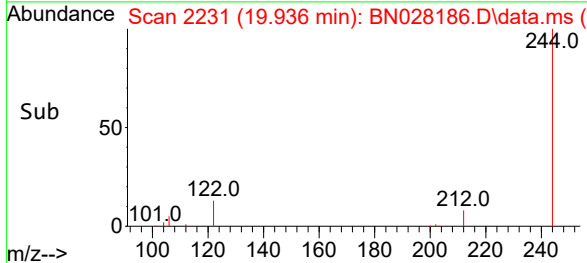
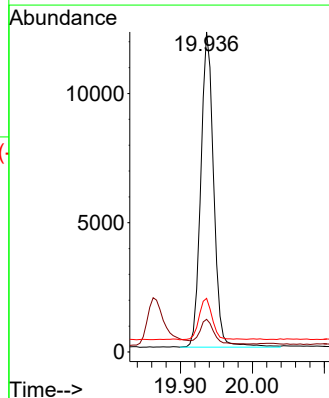
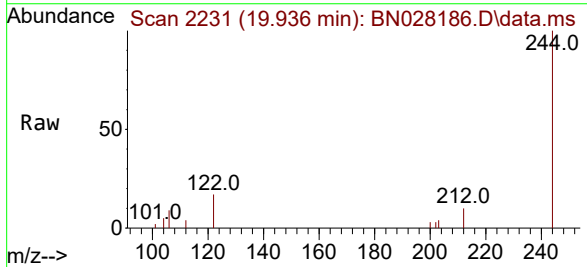
Tgt Ion:244 Resp: 15140

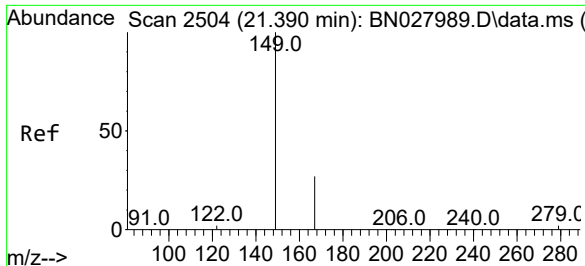
Ion Ratio Lower Upper

244 100

212 10.2 6.6 9.8#

122 16.7 11.4 17.0

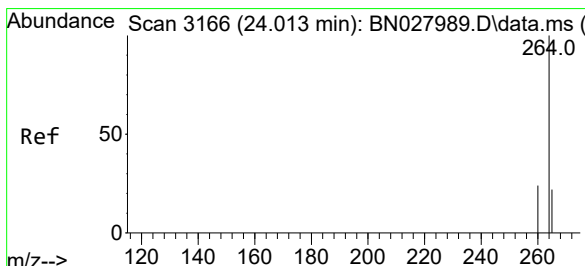
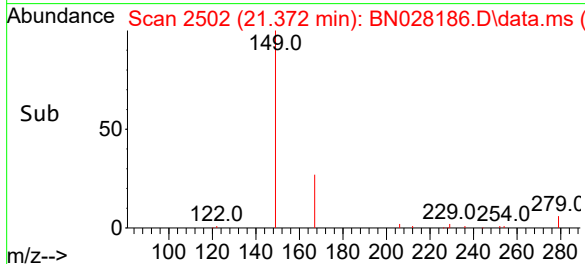
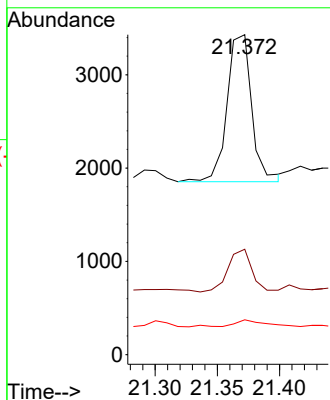
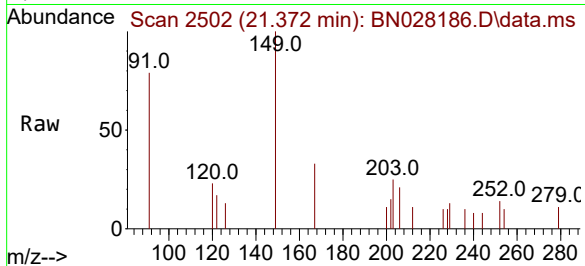




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.372 min Scan# 2177
 Delta R.T. 0.009 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

Instrument :
 BNA_N
 ClientSampleId :
 MW4

Tgt Ion:149 Resp: 2177
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.1 33.1
 279 6.3 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.969 min Scan# 3151
 Delta R.T. -0.006 min
 Lab File: BN028186.D
 Acq: 10 Oct 2023 07:26

Tgt Ion:264 Resp: 14193
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 70.0 54.8 82.2

