

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028181.D
 Acq On : 10 Oct 2023 04:26
 Operator : MA/JU
 Sample : 04739-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW13

Quant Time: Oct 10 05:09:58 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)

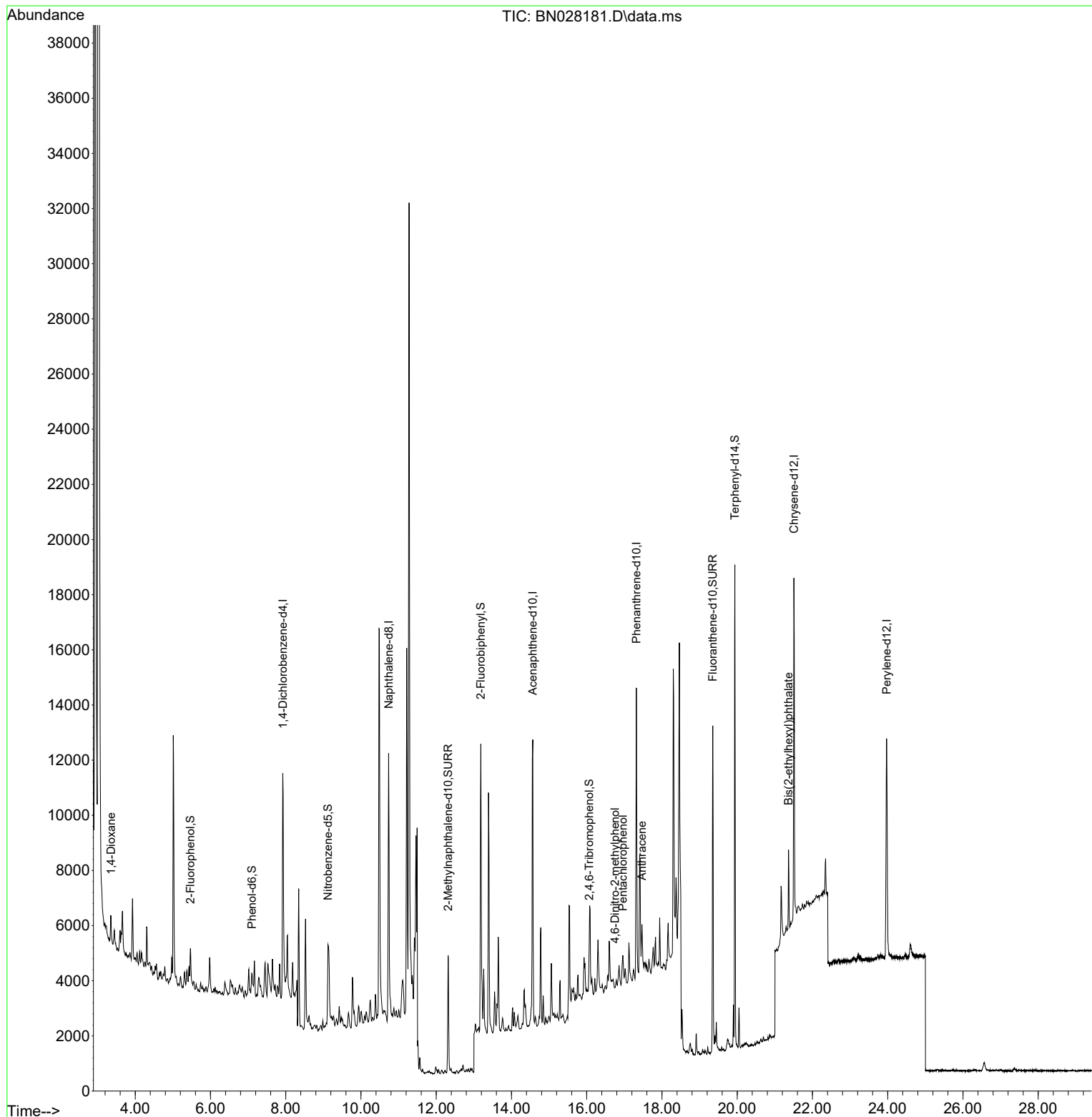
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4300	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12978	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7055	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13497	0.400	ng	0.00
29) Chrysene-d12	21.506	240	11840	0.400	ng	0.00
35) Perylene-d12	23.969	264	12323	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	1350	0.105	ng	0.00
5) Phenol-d6	7.098	99	837	0.052	ng	0.00
8) Nitrobenzene-d5	9.123	82	3642	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	5722	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	856	0.265	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	8807	0.346	ng	0.00
27) Fluoranthene-d10	19.351	212	13258	0.391	ng	0.00
31) Terphenyl-d14	19.936	244	16500	0.597	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.357	88	579	0.120	ng	# 34
20) 4,6-Dinitro-2-methylph...	16.748	198	7	0.039	ng	# 1
24) Pentachlorophenol	16.959	266	245	0.070	ng	94
26) Anthracene	17.467	178	1559	0.045	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.363	149	2592	0.098	ng	99

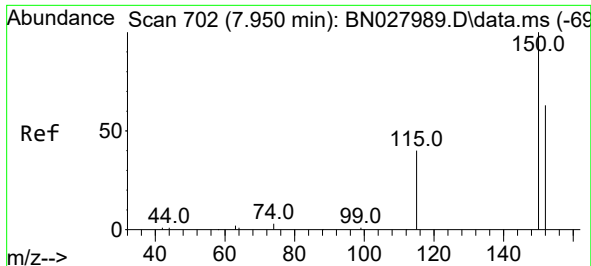
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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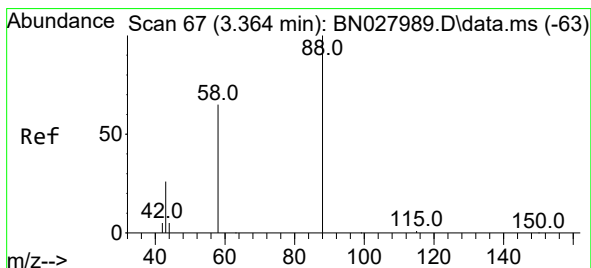
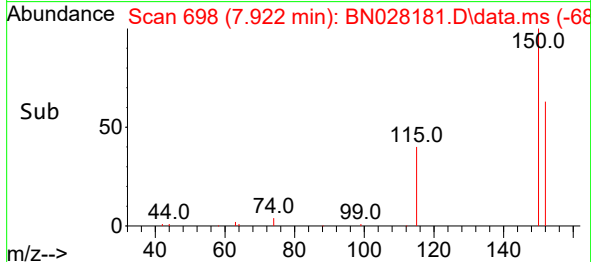
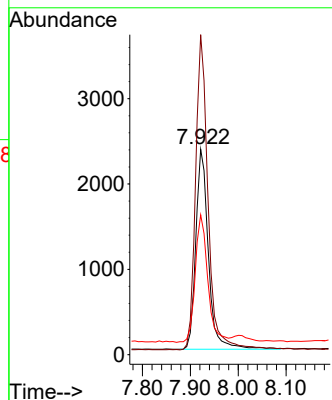
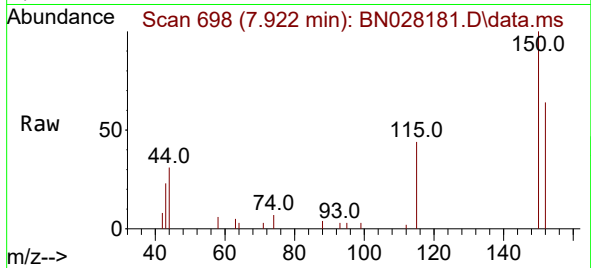




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028181.D
 Acq: 10 Oct 2023 04:26

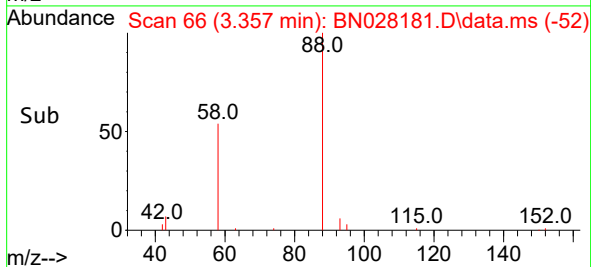
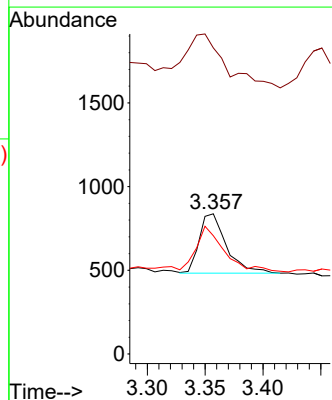
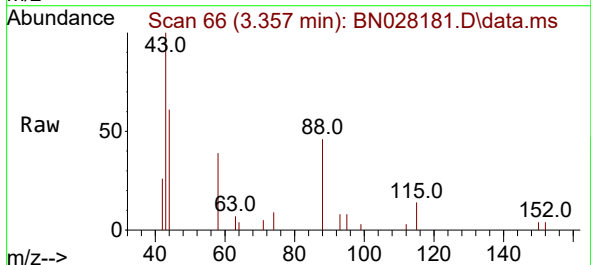
Instrument :
 BNA_N
 ClientSampleId :
 MW13

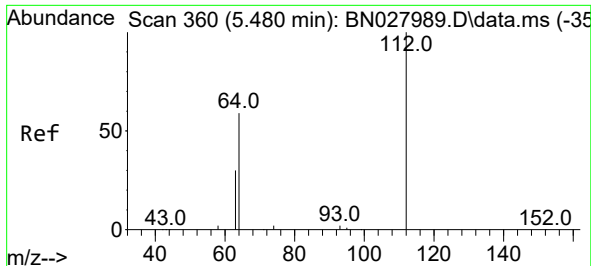
Tgt Ion:152 Resp: 4300
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.6 188.4
 115 68.1 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.120 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028181.D
 Acq: 10 Oct 2023 04:26

Tgt Ion: 88 Resp: 579
 Ion Ratio Lower Upper
 88 100
 43 133.0 24.6 36.8#
 58 75.3 53.8 80.6





#4

2-Fluorophenol

Concen: 0.105 ng

RT: 5.466 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

Instrument :

BNA_N

ClientSampleId :

MW13

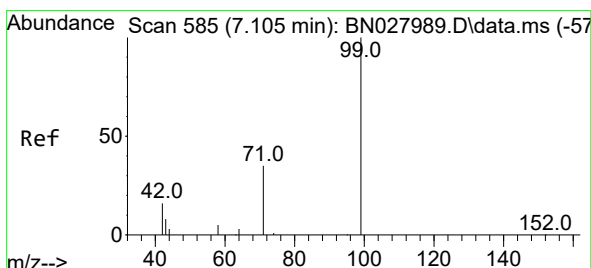
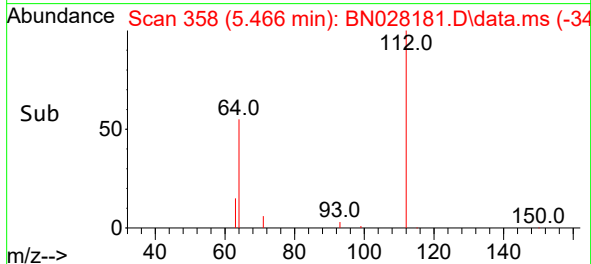
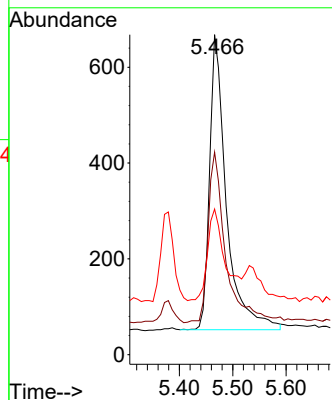
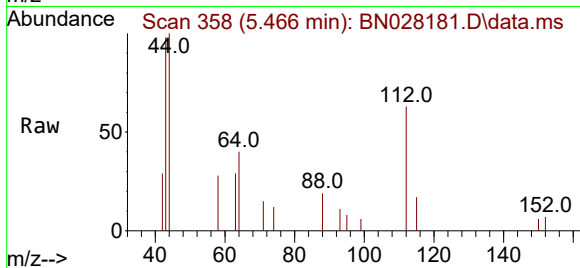
Tgt Ion:112 Resp: 1350

Ion Ratio Lower Upper

112 100

64 60.0 45.0 67.6

63 32.4 23.4 35.0



#5

Phenol-d6

Concen: 0.052 ng

RT: 7.098 min Scan# 584

Delta R.T. 0.007 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

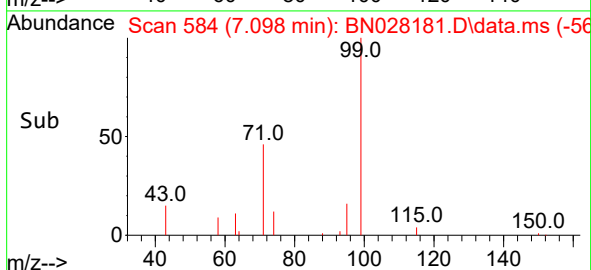
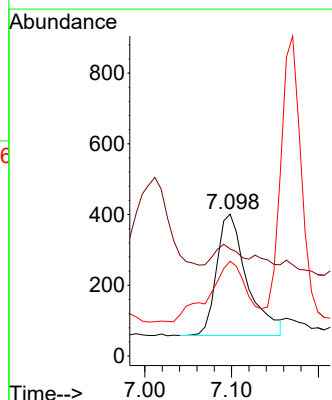
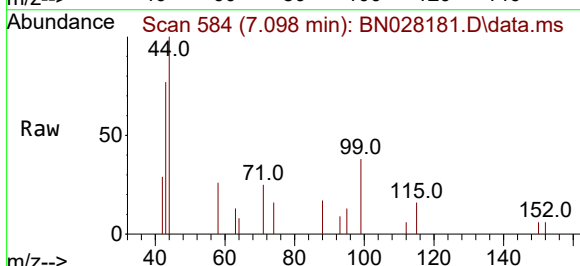
Tgt Ion: 99 Resp: 837

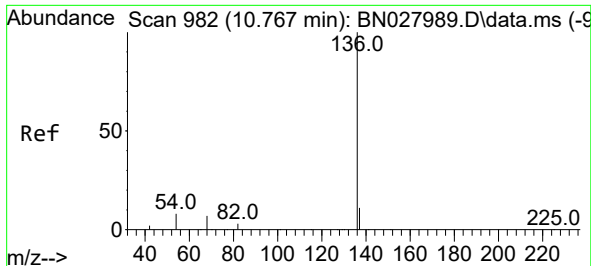
Ion Ratio Lower Upper

99 100

42 12.8 14.6 22.0#

71 61.3 28.3 42.5#

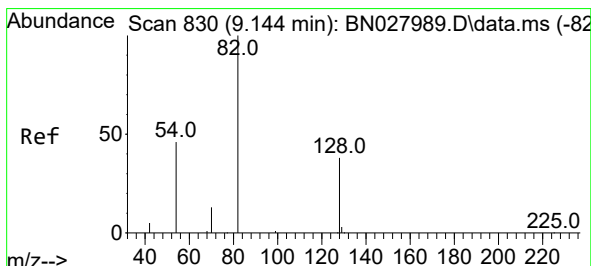
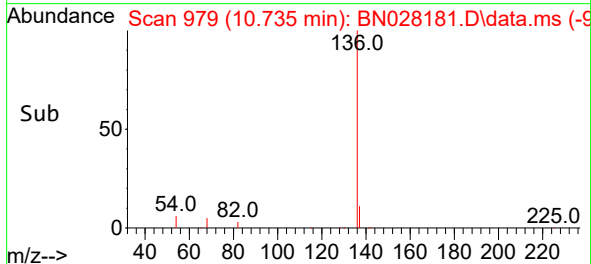
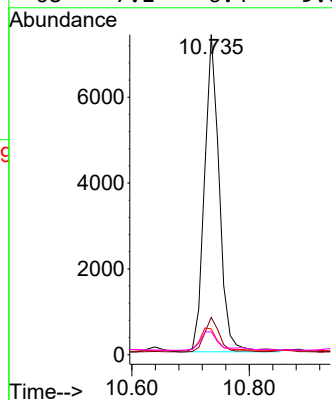
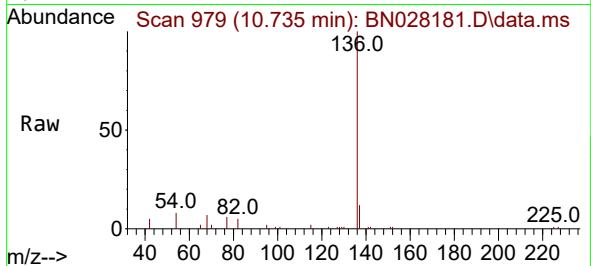




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

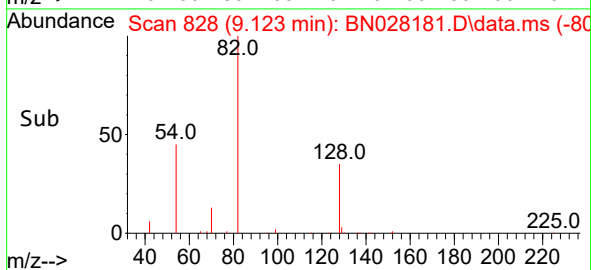
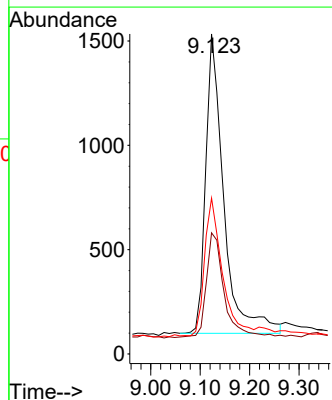
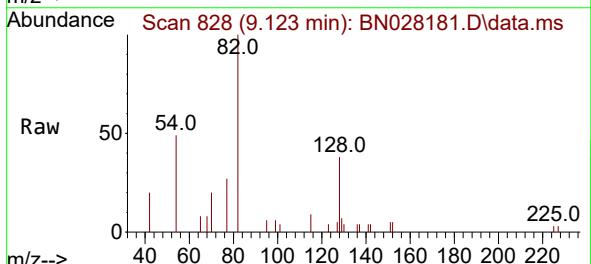
Instrument :
BNA_N
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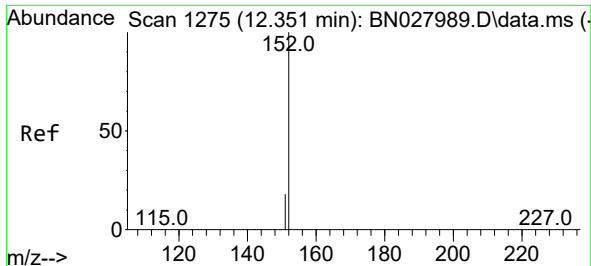
Tgt Ion:136 Resp: 12978
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 8.0 7.0 10.6
68 7.1 6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

Tgt Ion: 82 Resp: 3642
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 48.7 38.7 58.1

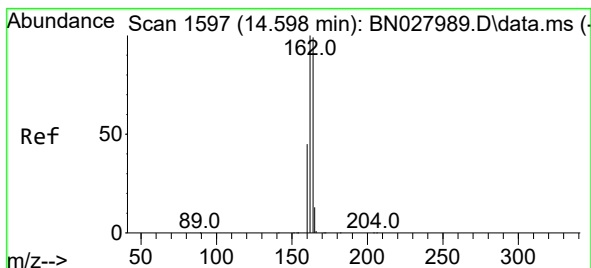
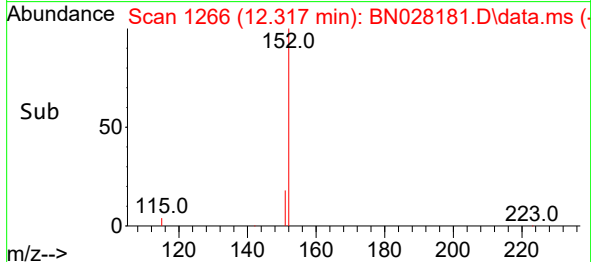
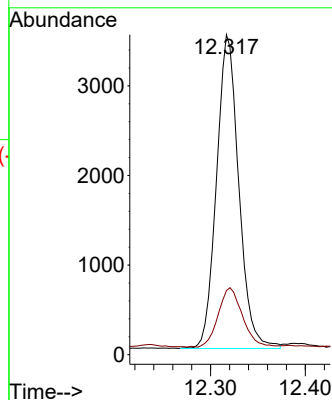
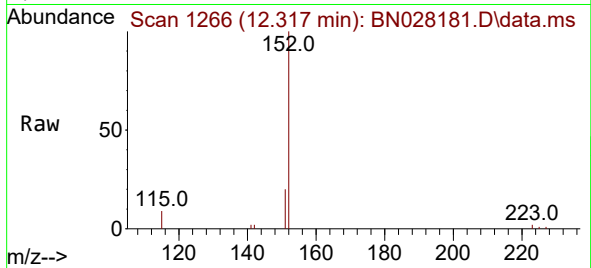




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.317 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

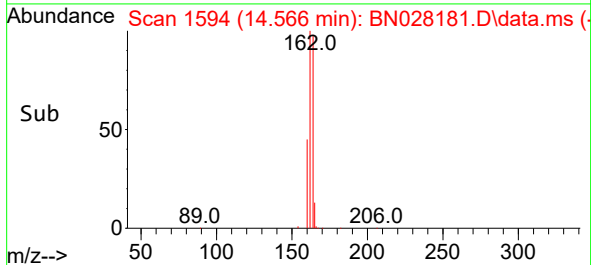
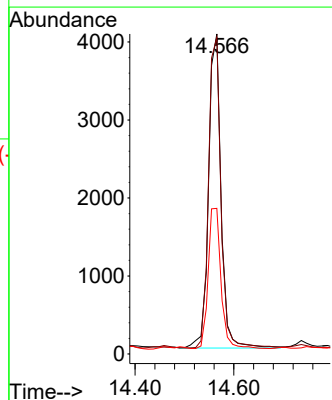
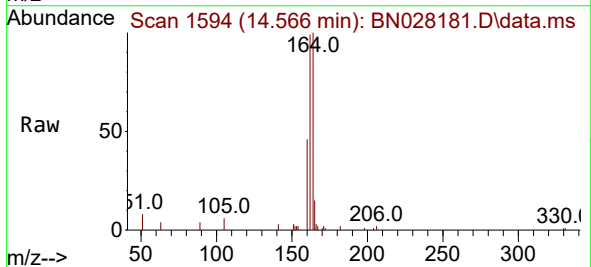
Instrument :
BNA_N
ClientSampleId :
MW13

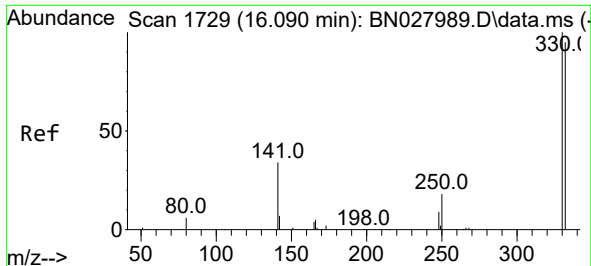
Tgt Ion:152 Resp: 5722
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

Tgt Ion:164 Resp: 7055
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 45.5 36.4 54.6

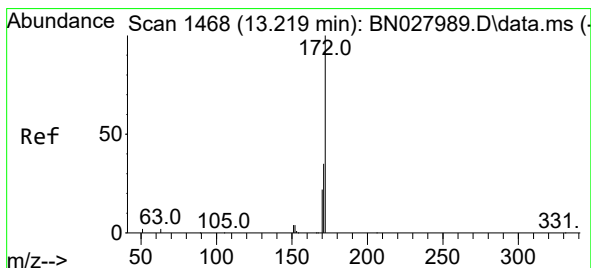
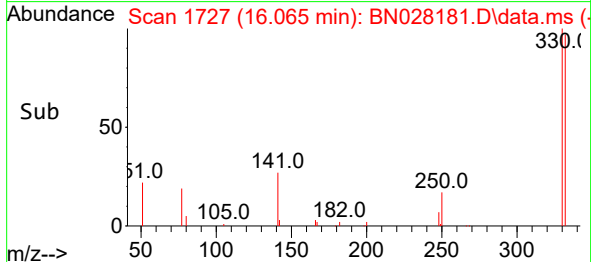
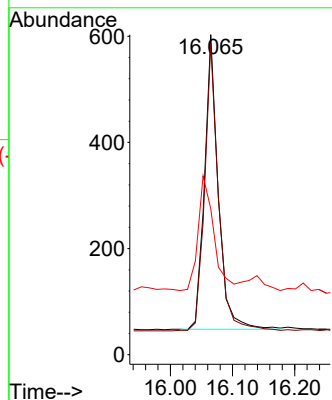
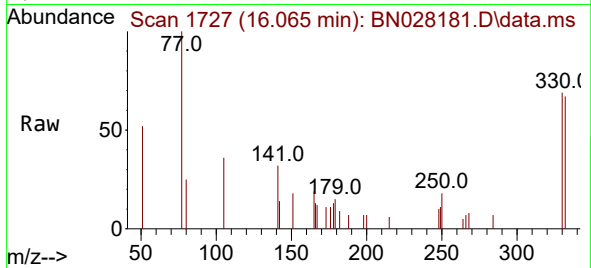




#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 16.065 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

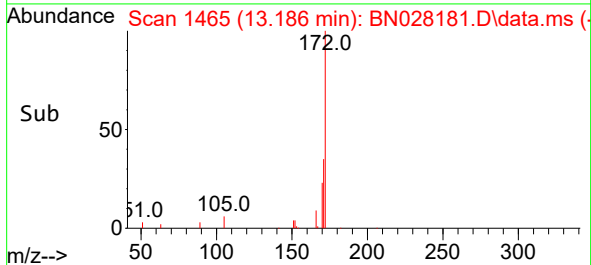
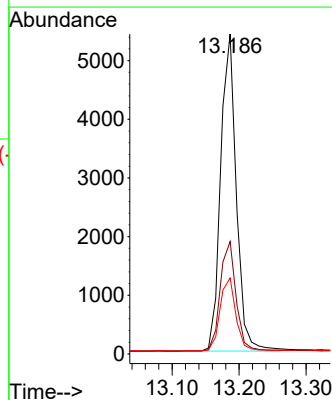
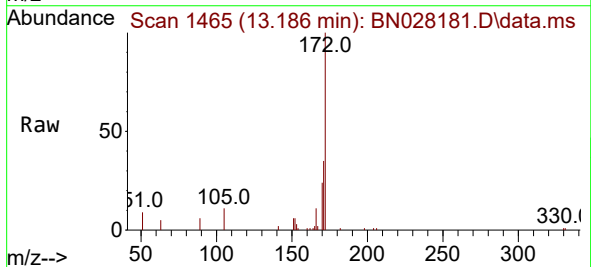
Instrument :
BNA_N
ClientSampleId :
MW13

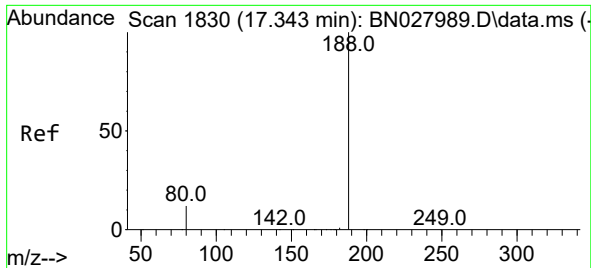
Tgt Ion:330 Resp: 856
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 44.2 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

Tgt Ion:172 Resp: 8807
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.4 27.6

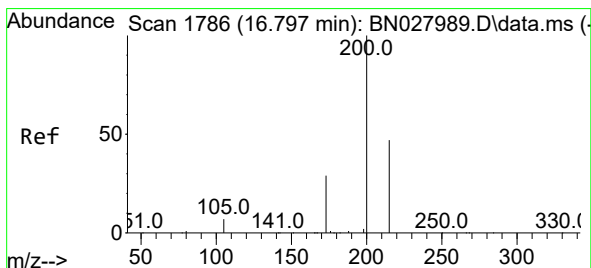
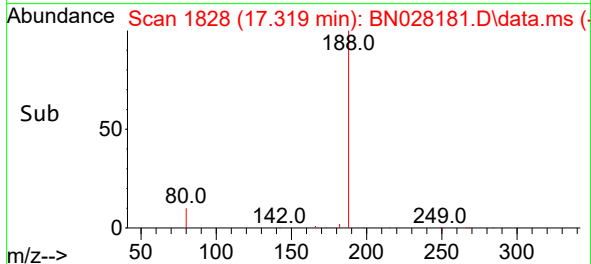
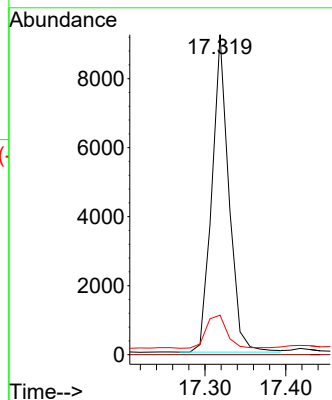
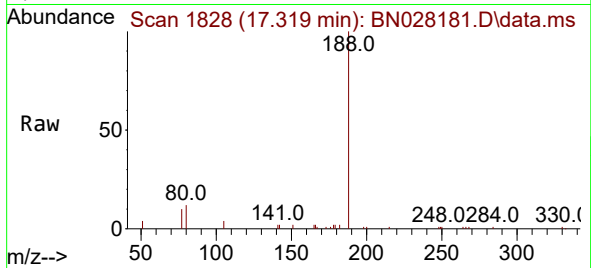




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

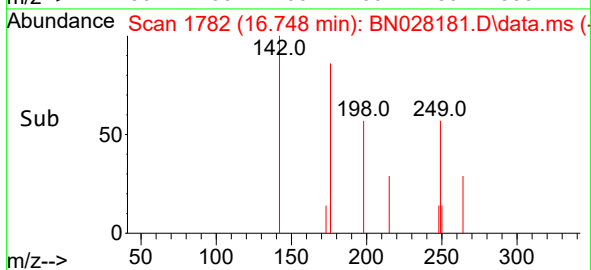
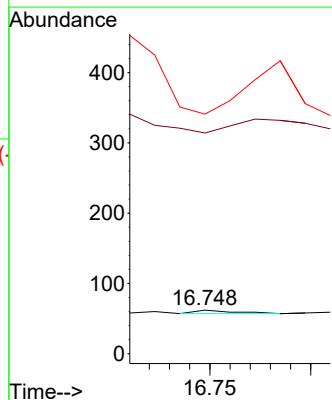
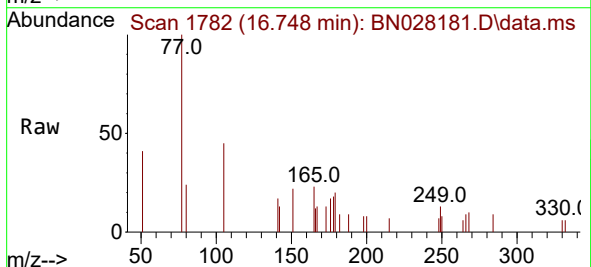
Instrument :
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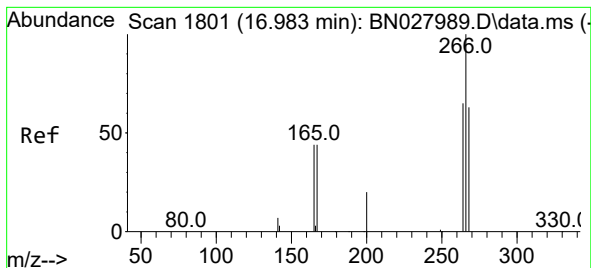
Tgt Ion:188 Resp: 13497
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 10.2 15.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.039 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.037 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 506.5 180.7 271.1#
105 550.0 222.2 333.2#





#24

Pentachlorophenol

Concen: 0.070 ng

RT: 16.959 min Scan# 1799

Delta R.T. -0.013 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

Instrument :

BNA_N

ClientSampleId :

MW13

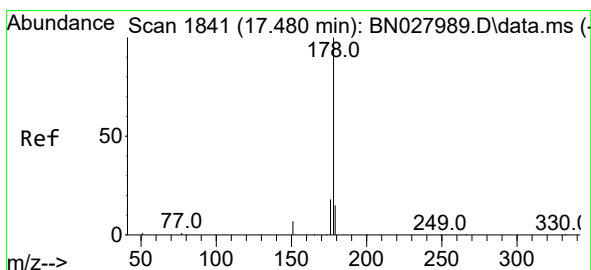
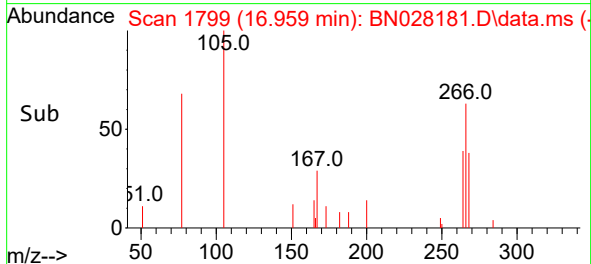
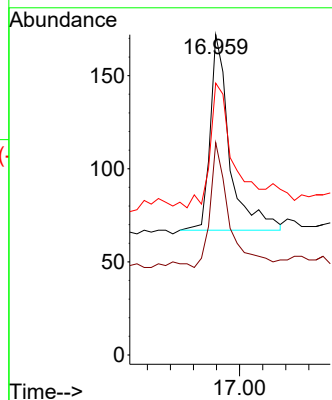
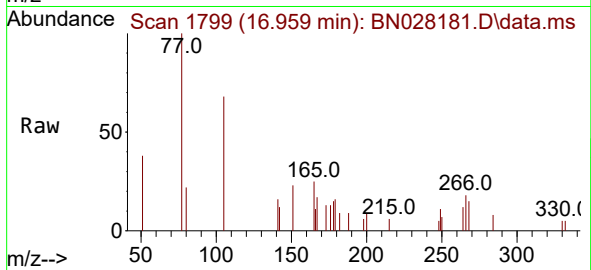
Tgt Ion:266 Resp: 245

Ion Ratio Lower Upper

266 100

264 62.4 52.7 79.1

268 76.7 56.2 84.2



#26

Anthracene

Concen: 0.045 ng

RT: 17.467 min Scan# 1840

Delta R.T. 0.012 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

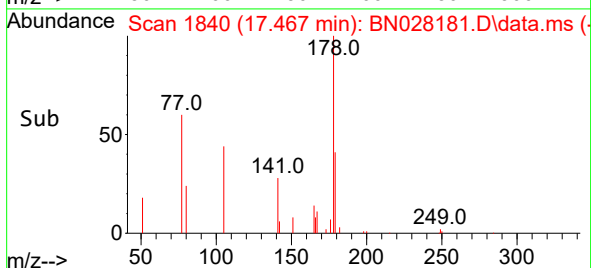
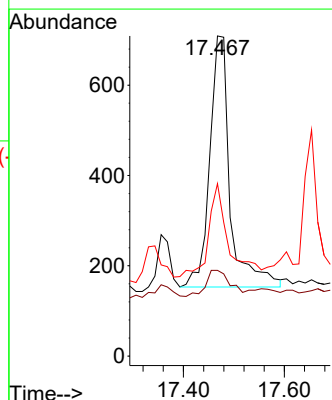
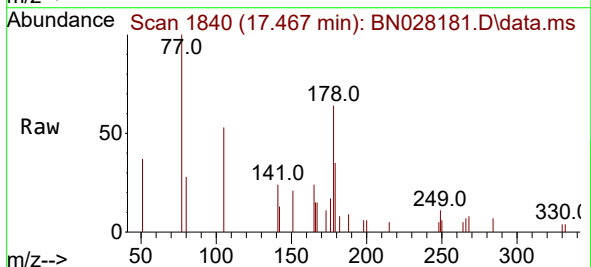
Tgt Ion:178 Resp: 1559

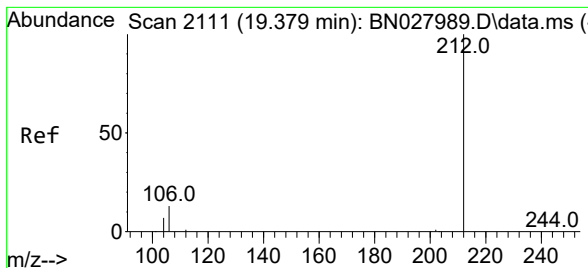
Ion Ratio Lower Upper

178 100

176 13.0 14.7 22.1#

179 35.5 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.351 min Scan# 2105

Delta R.T. -0.005 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

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ClientSampleId :

MW13

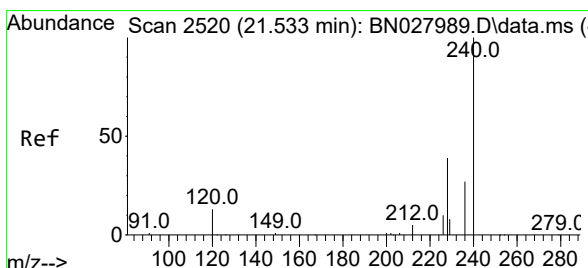
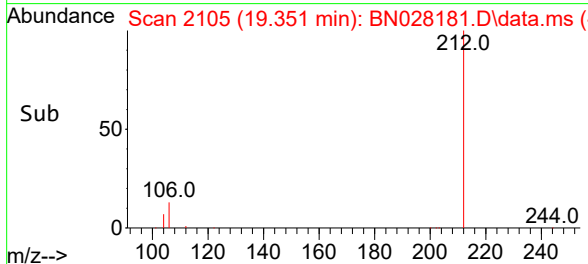
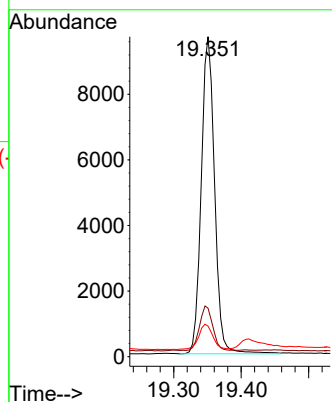
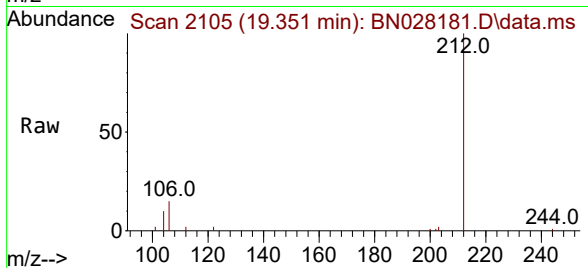
Tgt Ion:212 Resp: 13258

Ion Ratio Lower Upper

212 100

106 13.8 11.3 16.9

104 8.3 6.4 9.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.506 min Scan# 2517

Delta R.T. -0.009 min

Lab File: BN028181.D

Acq: 10 Oct 2023 04:26

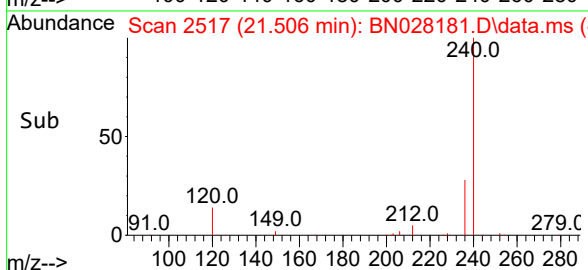
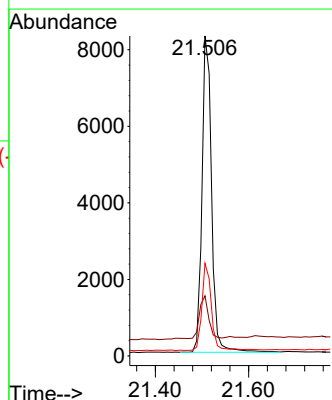
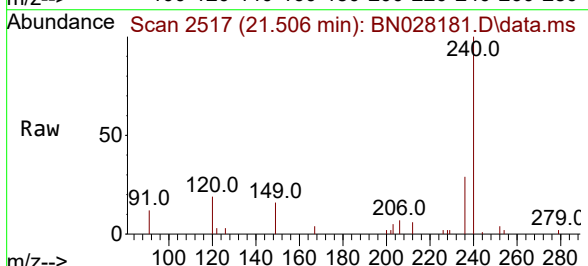
Tgt Ion:240 Resp: 11840

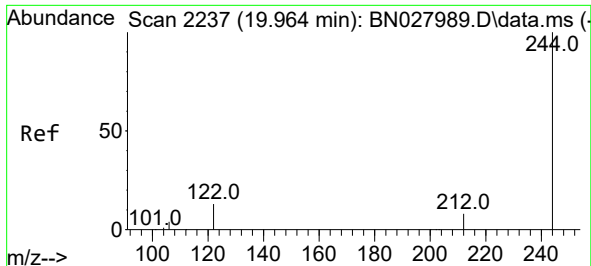
Ion Ratio Lower Upper

240 100

120 18.8 13.8 20.6

236 28.9 22.6 33.8

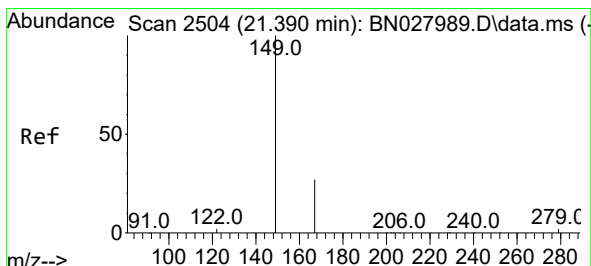
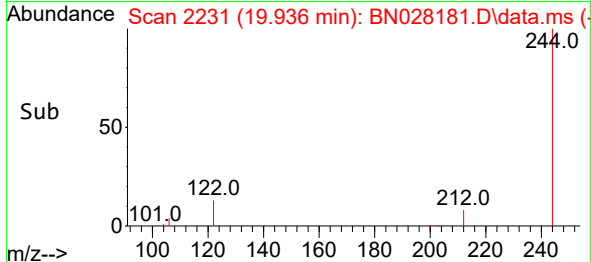
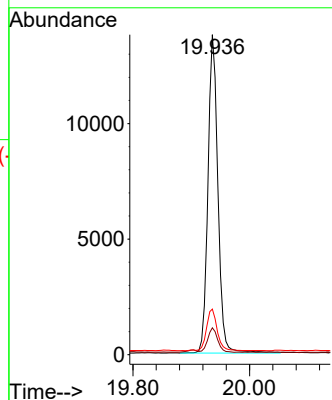
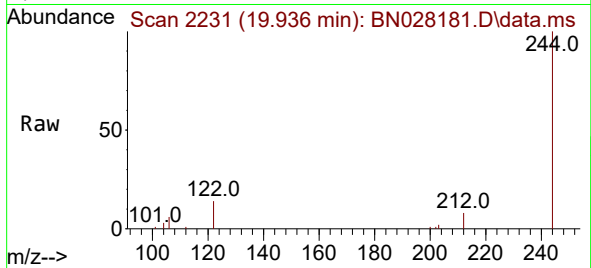




#31
 Terphenyl-d14
 Concen: 0.597 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028181.D
 Acq: 10 Oct 2023 04:26

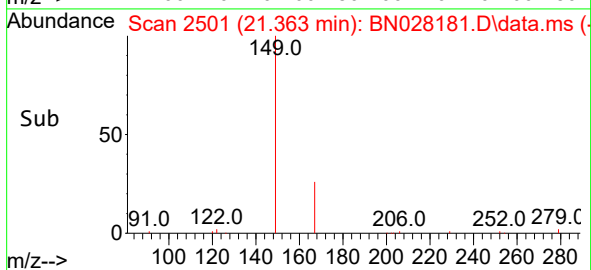
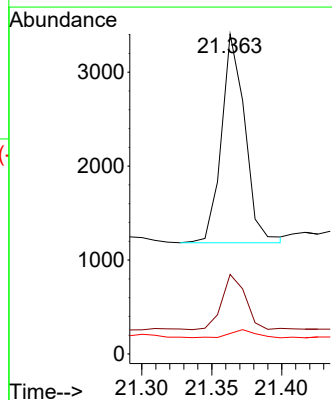
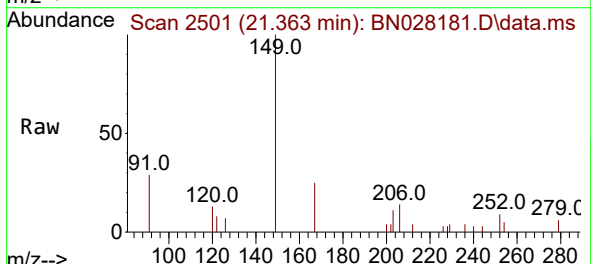
Instrument :
 BNA_N
 ClientSampleId :
 MW13

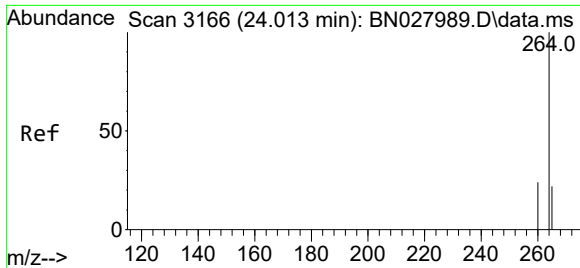
Tgt Ion:244 Resp: 16500
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 14.3 11.4 17.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.363 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BN028181.D
 Acq: 10 Oct 2023 04:26

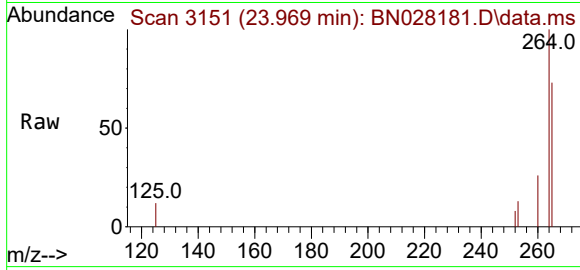
Tgt Ion:149 Resp: 2592
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.1 33.1
 279 4.4 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.969 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN028181.D
Acq: 10 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
MW13



Tgt Ion:264 Resp: 12323
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.4
265 72.6 54.8 82.2

