

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027630.D
 Acq On : 13 Sep 2023 04:45
 Operator : MA/JU
 Sample : 04311-04
 Misc :
 ALS Vial : 133 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-05-8-090523

Quant Time: Sep 13 06:06:35 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)

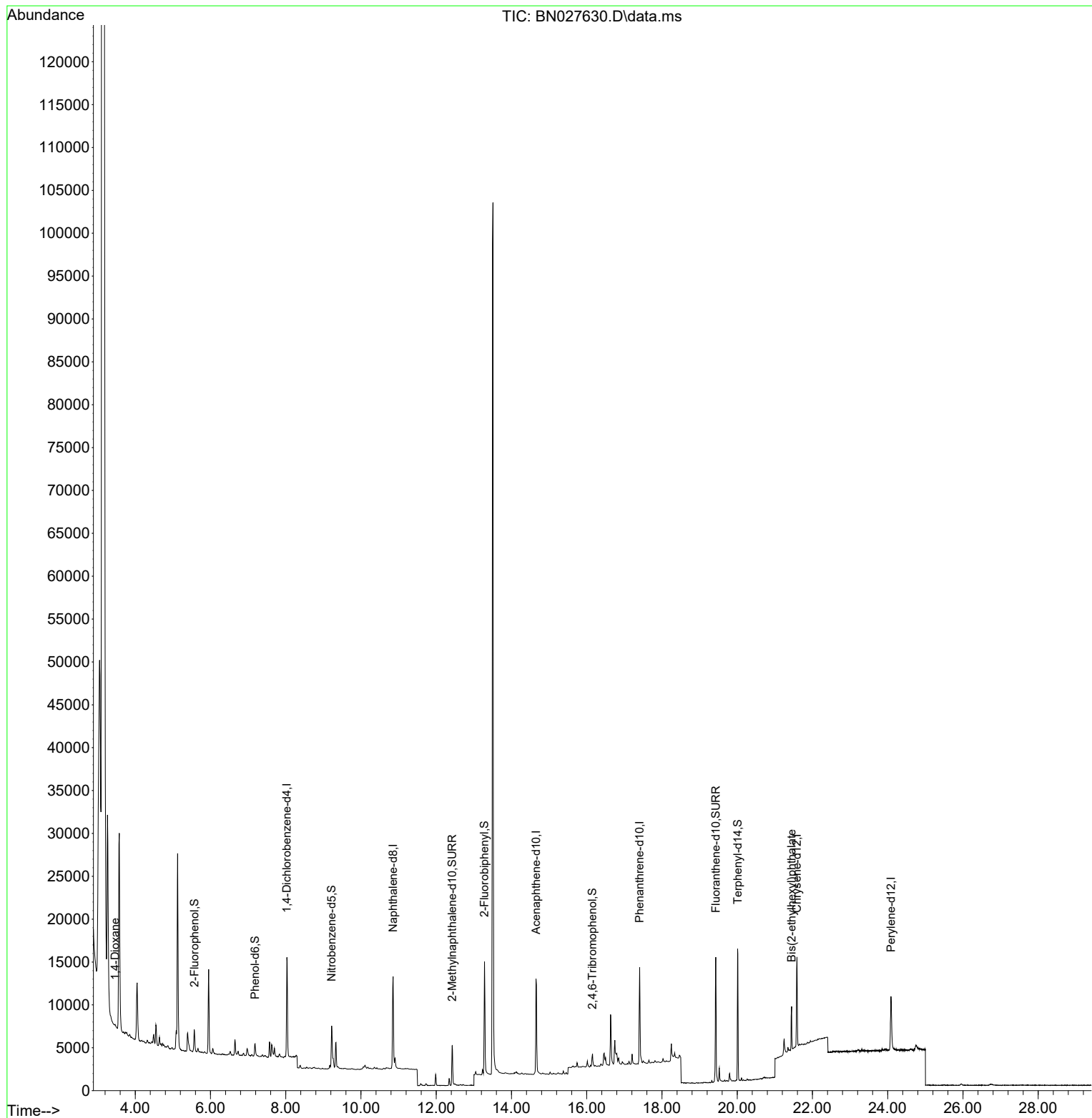
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6112	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15935	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	7445	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	15027	0.400	ng	0.00
29) Chrysene-d12	21.587	240	10931	0.400	ng	0.00
35) Perylene-d12	24.089	264	10202	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	2430	0.153	ng	0.00
5) Phenol-d6	7.185	99	1583	0.082	ng	0.00
8) Nitrobenzene-d5	9.219	82	4652	0.401	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	6988	0.299	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	923	0.335	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12132	0.429	ng	-0.01
27) Fluoranthene-d10	19.430	212	15800	0.423	ng	0.00
31) Terphenyl-d14	20.011	244	14972	0.682	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	184	0.025	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.444	149	4749	0.263	ng	99

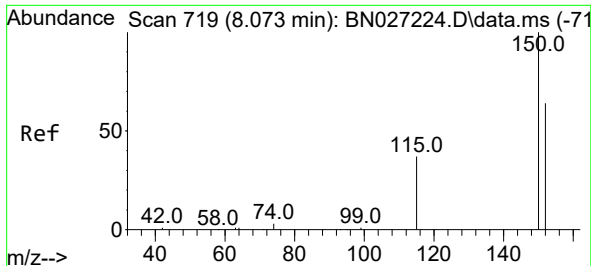
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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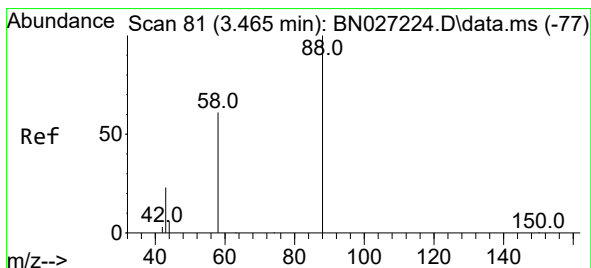
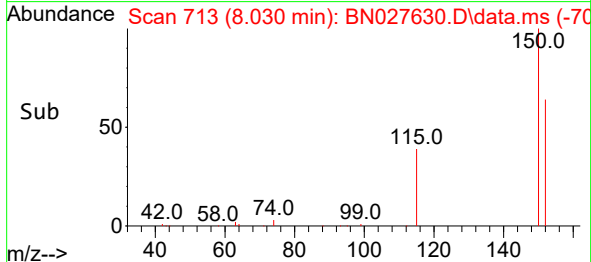
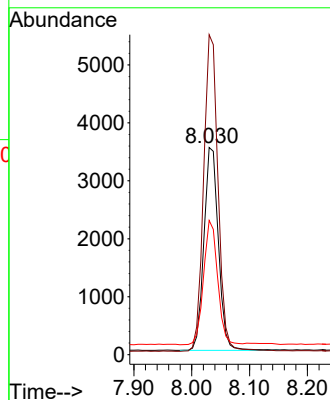
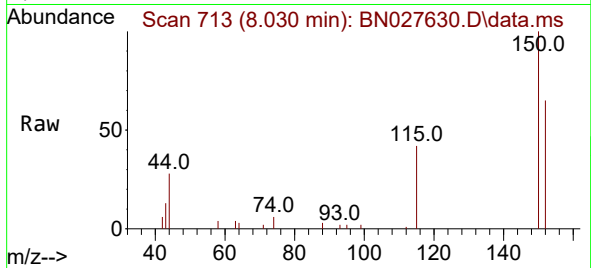




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

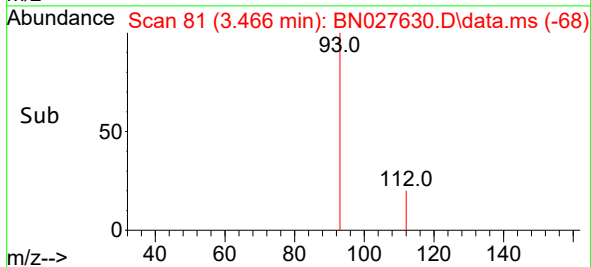
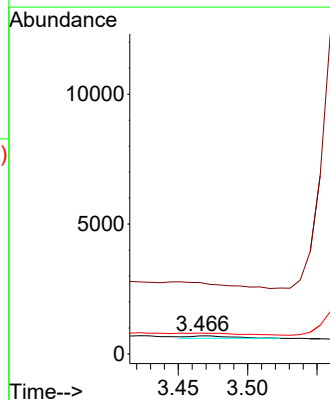
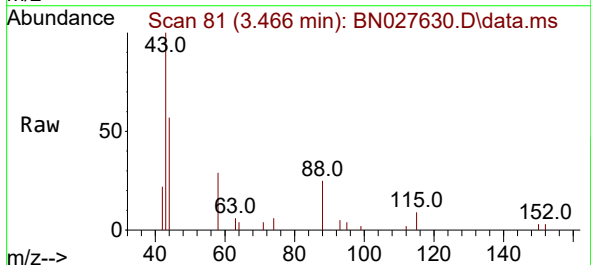
Instrument :
BNA_N
ClientSampleId :
MW-05-8-090523

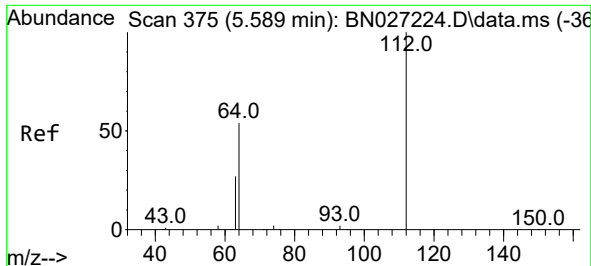
Tgt Ion:152 Resp: 6112
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 64.8 48.6 73.0



#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 0.0 19.1 28.7#
58 0.0 52.2 78.2#

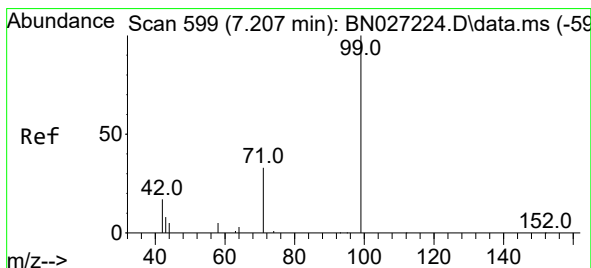
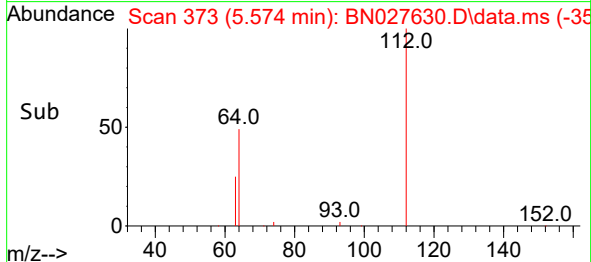
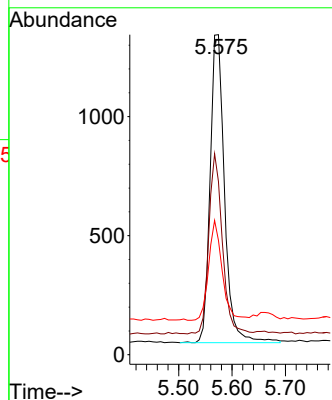
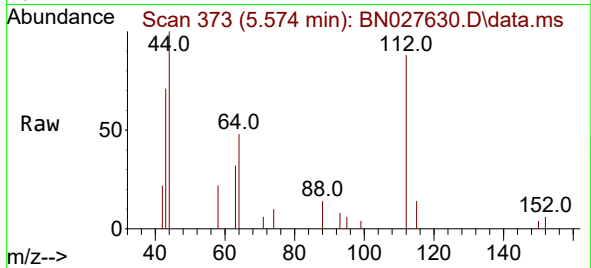




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

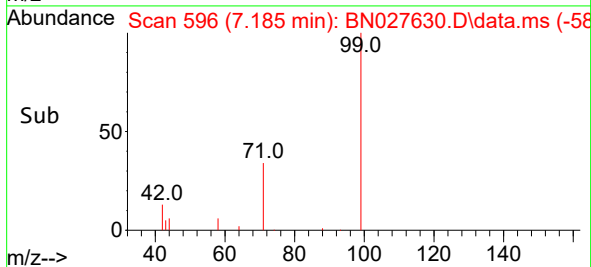
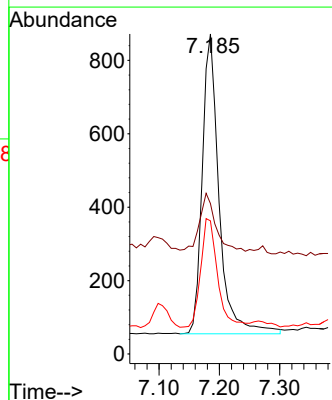
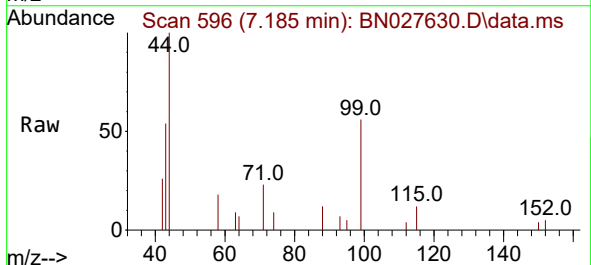
Instrument :
BNA_N
ClientSampleId :
MW-05-8-090523

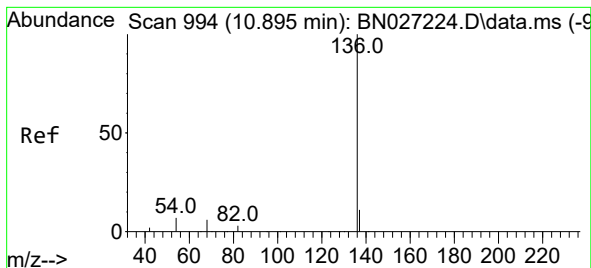
Tgt Ion:112 Resp: 2430
Ion Ratio Lower Upper
112 100
64 54.9 44.4 66.6
63 30.5 23.1 34.7



#5
Phenol-d6
Concen: 0.082 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

Tgt Ion: 99 Resp: 1583
Ion Ratio Lower Upper
99 100
42 19.0 14.5 21.7
71 36.1 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN027630.D

Acq: 13 Sep 2023 04:45

Instrument :

BNA_N

ClientSampleId :

MW-05-8-090523

Tgt Ion:136 Resp: 15935

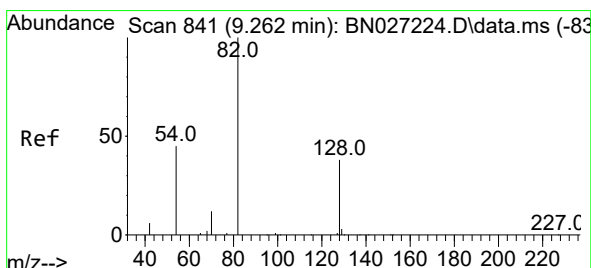
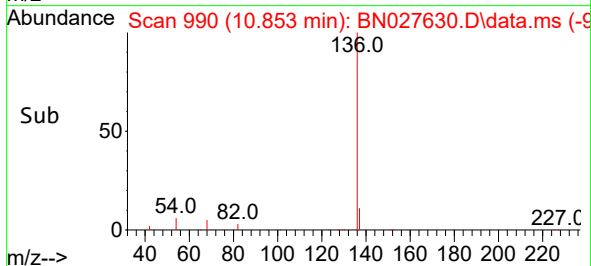
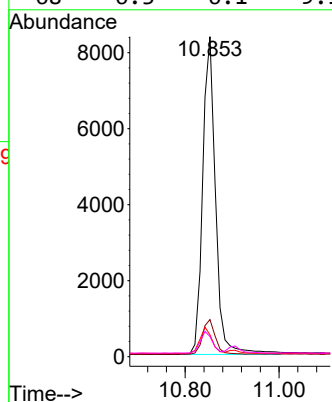
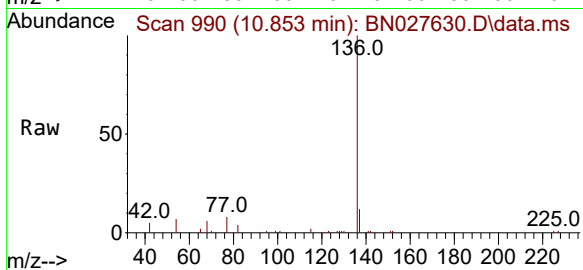
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.8 6.7 10.1

68 6.3 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027630.D

Acq: 13 Sep 2023 04:45

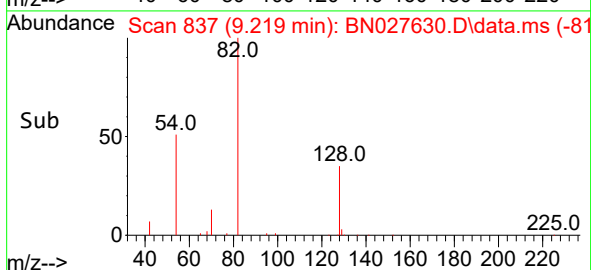
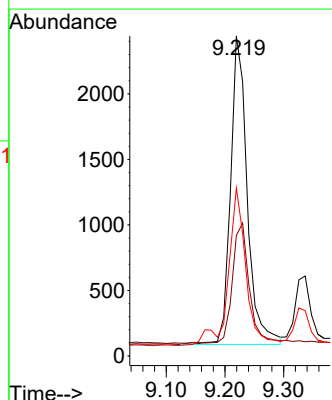
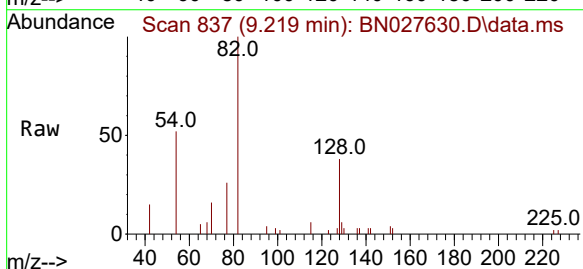
Tgt Ion: 82 Resp: 4652

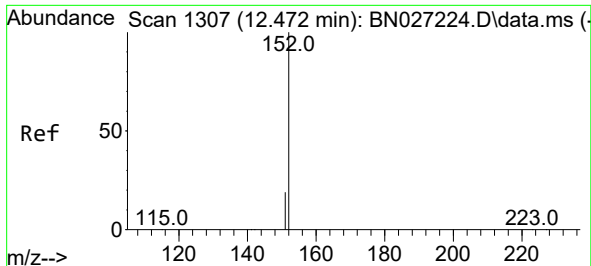
Ion Ratio Lower Upper

82 100

128 37.6 33.4 50.0

54 52.5 37.7 56.5

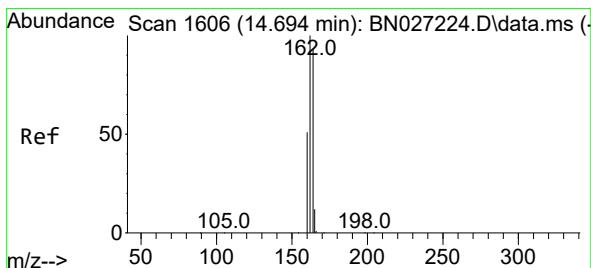
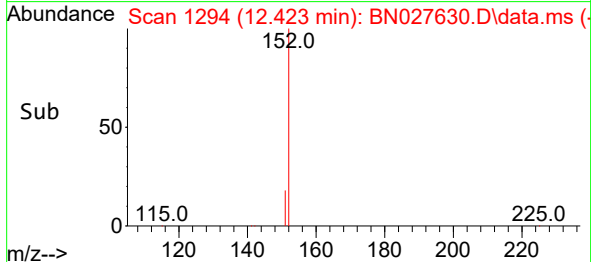
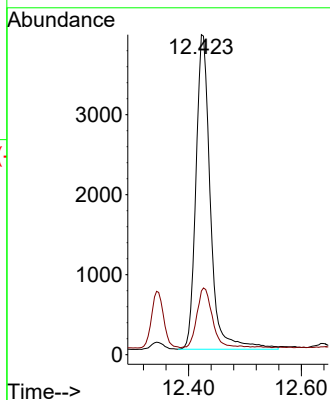
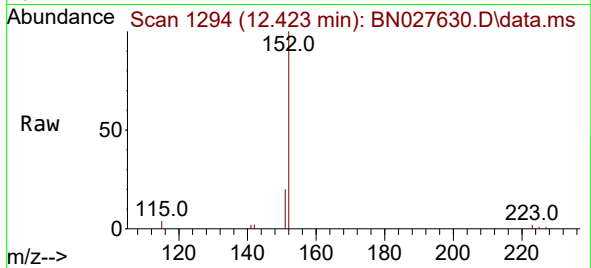




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

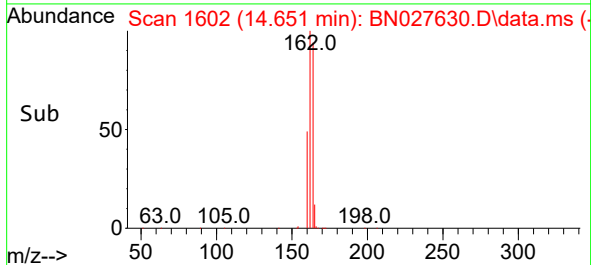
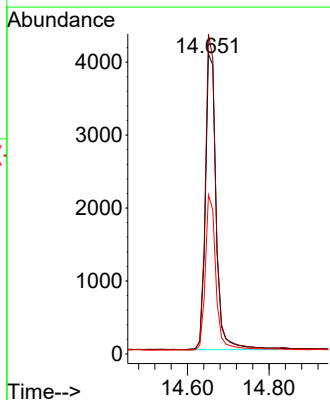
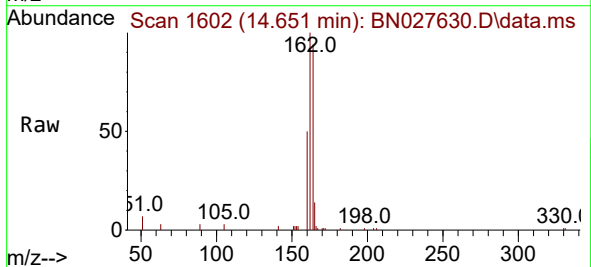
Instrument :
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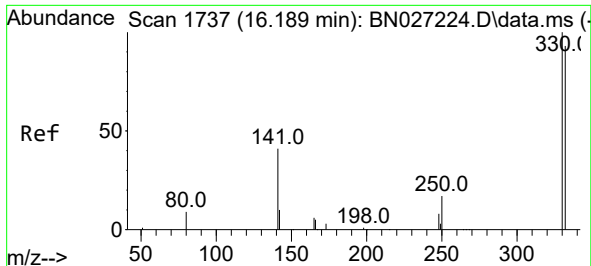
Tgt Ion:152 Resp: 6988
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

Tgt Ion:164 Resp: 7445
Ion Ratio Lower Upper
164 100
162 106.6 85.8 128.8
160 53.0 44.2 66.2

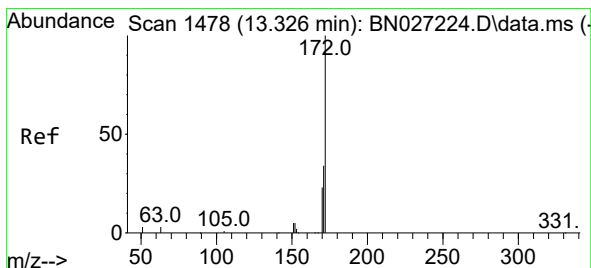
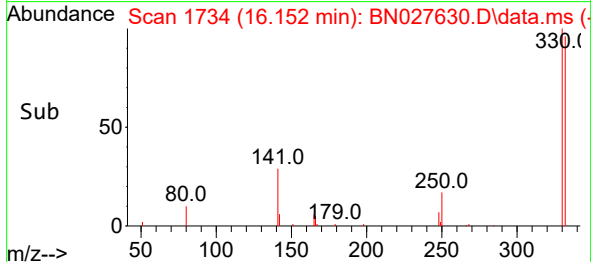
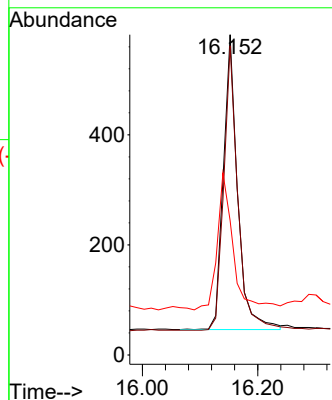
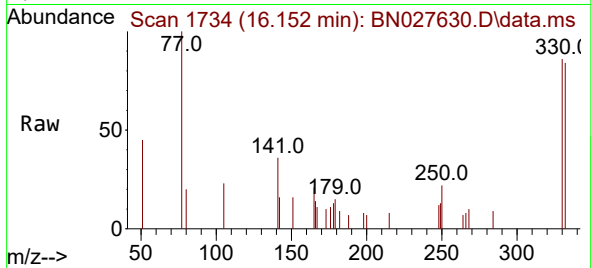




#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 16.152 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

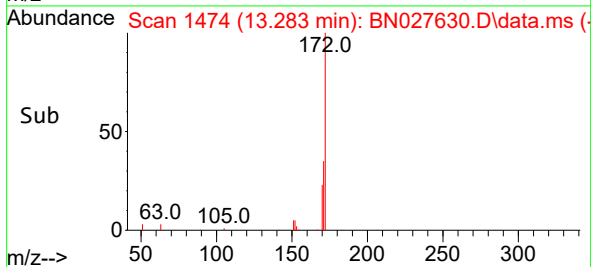
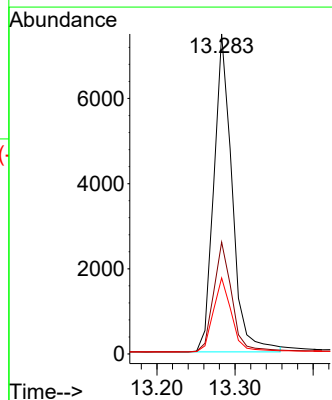
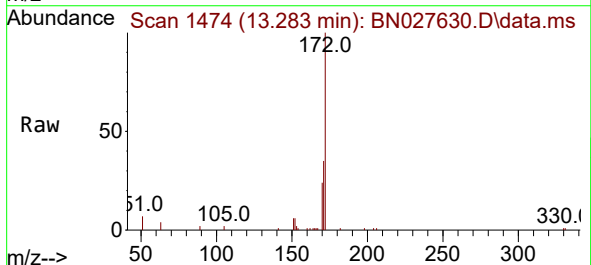
Instrument :
BNA_N
ClientSampleId :
MW-05-8-090523

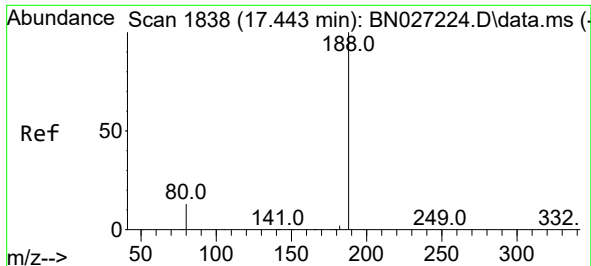
Tgt Ion:330 Resp: 923
Ion Ratio Lower Upper
330 100
332 95.1 75.2 112.8
141 51.4 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

Tgt Ion:172 Resp: 12132
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.8 19.3 28.9

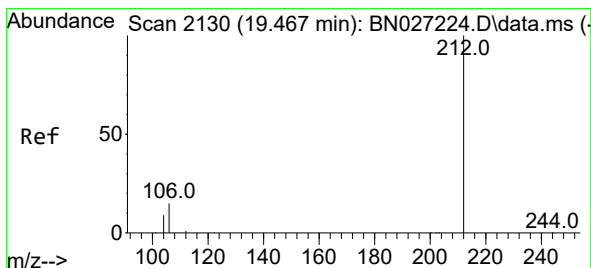
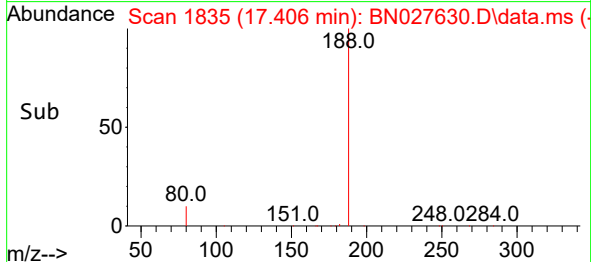
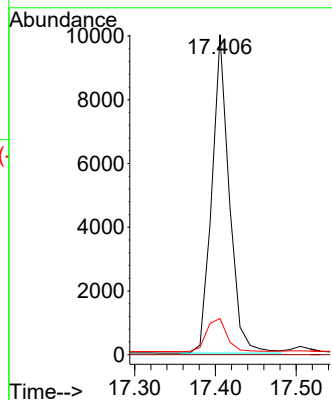
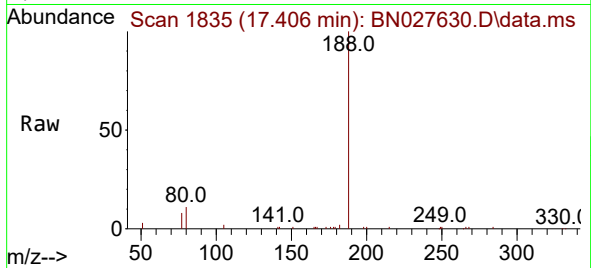




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

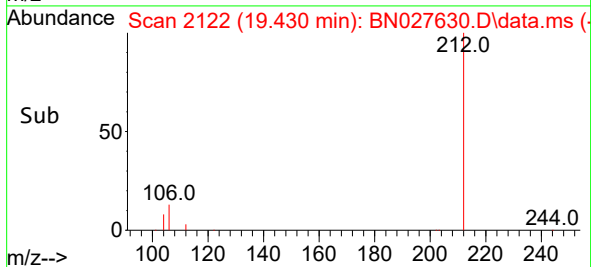
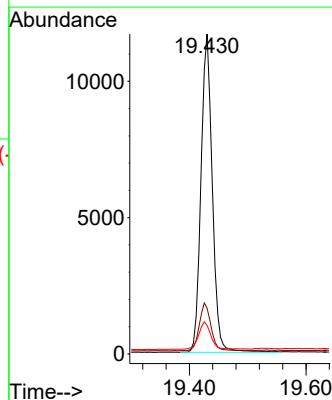
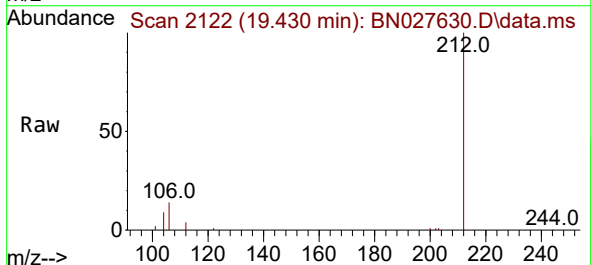
Instrument :
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MW-05-8-090523

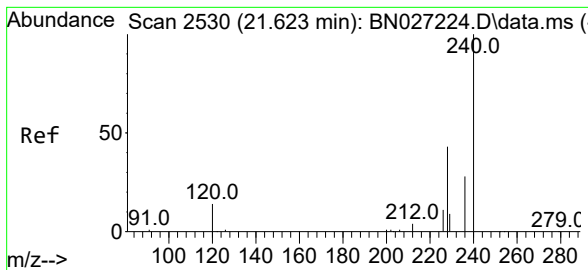
Tgt Ion:188 Resp: 15027
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.430 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BN027630.D
Acq: 13 Sep 2023 04:45

Tgt Ion:212 Resp: 15800
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 9.2 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: BN027630.D

Acq: 13 Sep 2023 04:45

Instrument :

BNA_N

ClientSampleId :

MW-05-8-090523

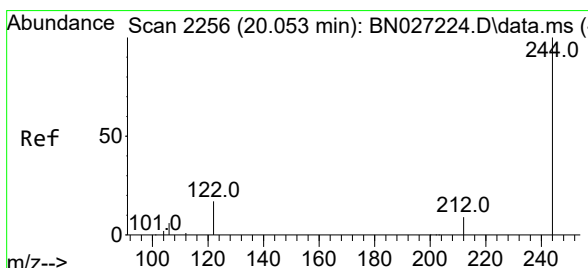
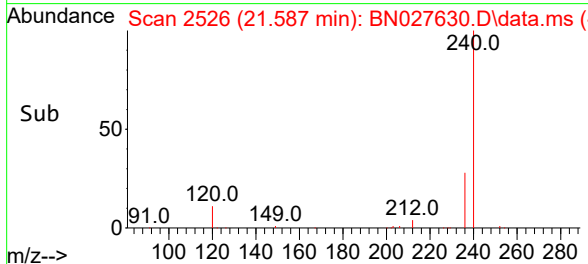
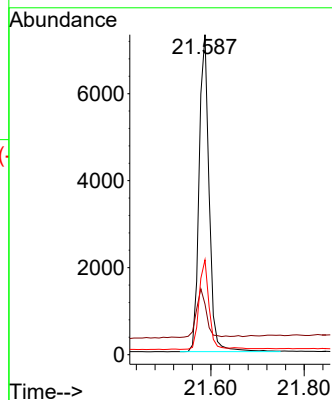
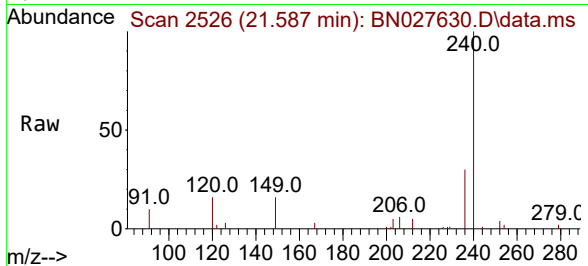
Tgt Ion:240 Resp: 10931

Ion Ratio Lower Upper

240 100

120 15.8 14.2 21.4

236 29.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.682 ng

RT: 20.011 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN027630.D

Acq: 13 Sep 2023 04:45

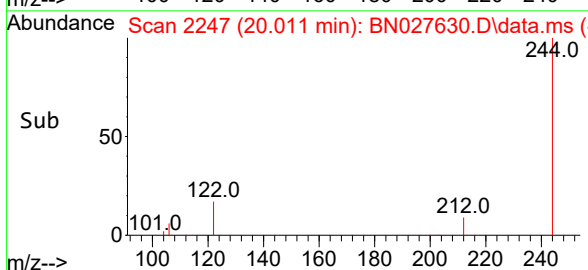
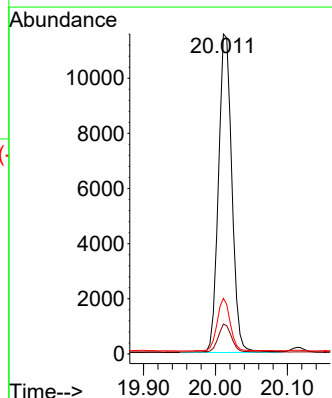
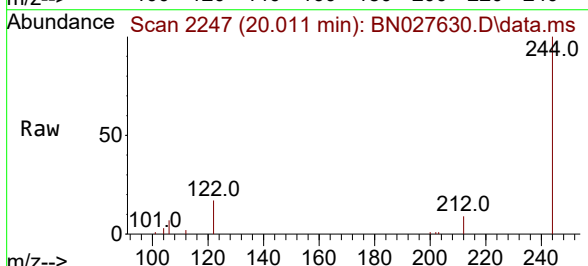
Tgt Ion:244 Resp: 14972

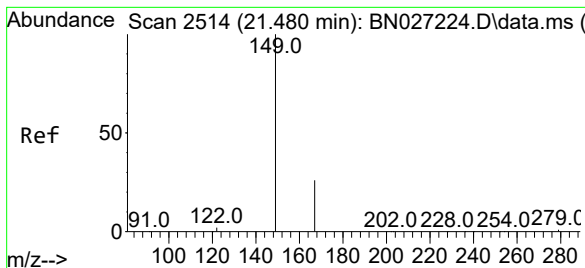
Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 17.4 14.0 21.0

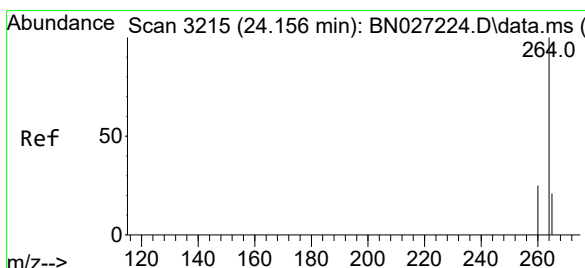
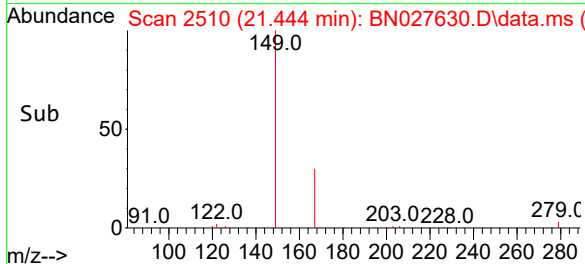
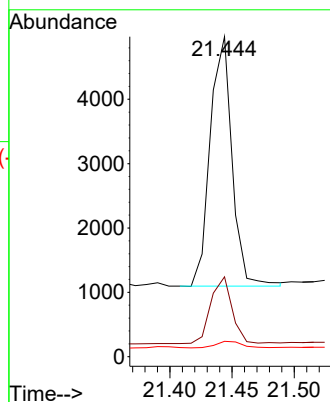
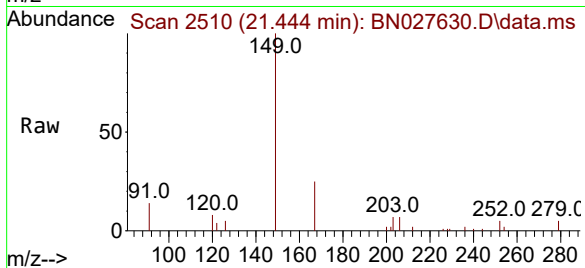




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.263 ng
 RT: 21.444 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: BN027630.D
 Acq: 13 Sep 2023 04:45

Instrument :
 BNA_N
 ClientSampleId :
 MW-05-8-090523

Tgt Ion:149 Resp: 4749
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 3.2 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 3192
 Delta R.T. -0.006 min
 Lab File: BN027630.D
 Acq: 13 Sep 2023 04:45

Tgt Ion:264 Resp: 10202
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 85.1 53.3 79.9#

