

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027635.D
 Acq On : 13 Sep 2023 07:50
 Operator : MA/JU
 Sample : 04327-02
 Misc :
 ALS Vial : 138 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-090623

Quant Time: Sep 13 08:23:28 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)

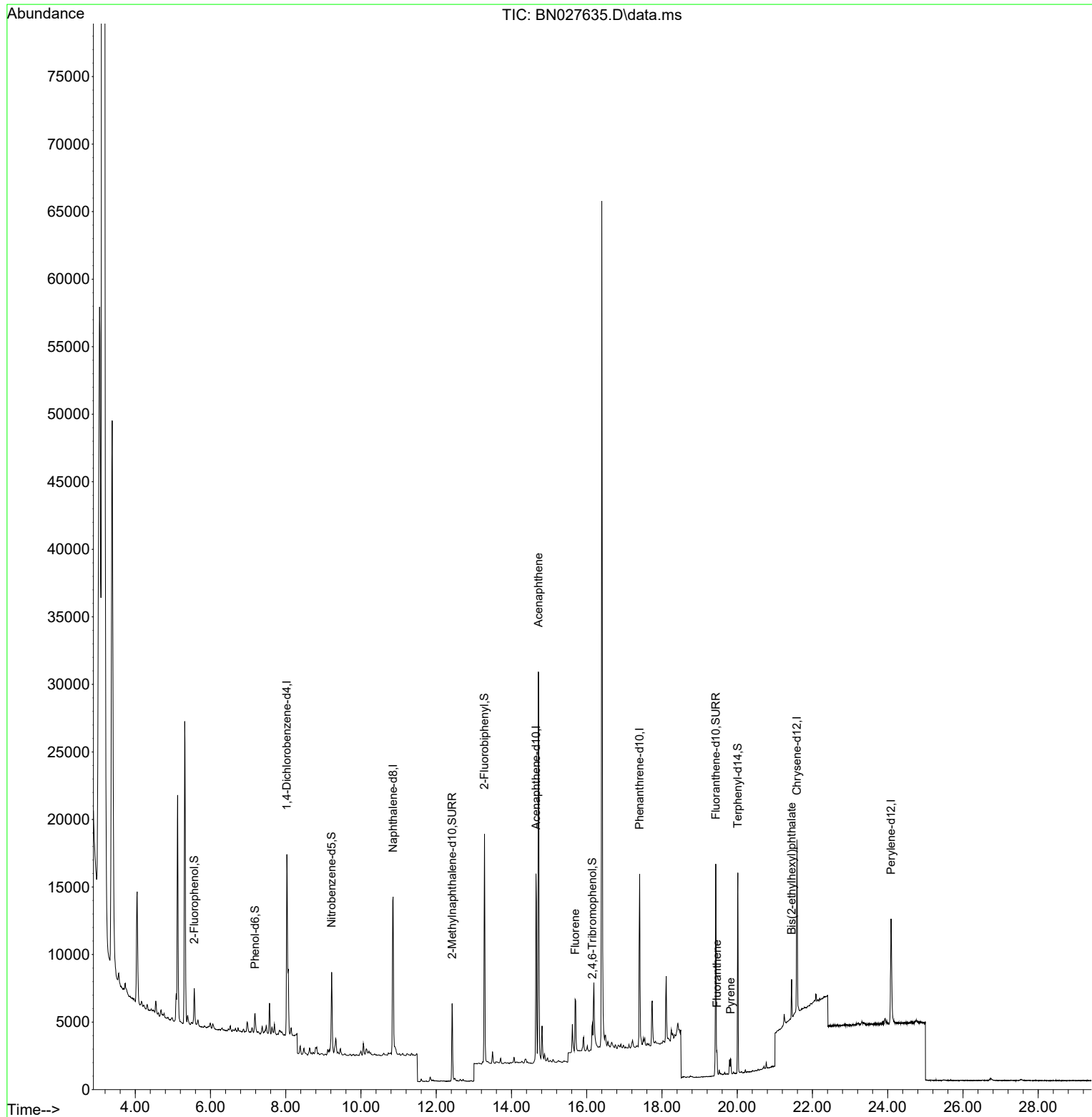
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6765	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	17961	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8679	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	17169	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	12490	0.400	ng	0.00
35) Perylene-d12	24.089	264	12192	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2511	0.142	ng	0.00
5) Phenol-d6	7.185	99	1597	0.074	ng	0.00
8) Nitrobenzene-d5	9.219	82	5337	0.408	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	8175	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1143	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14524	0.440	ng	-0.01
27) Fluoranthene-d10	19.430	212	17040	0.399	ng	0.00
31) Terphenyl-d14	20.015	244	14289	0.570	ng	0.00
Target Compounds						
17) Acenaphthene	14.715	154	14510	0.551	ng	Qvalue 98
18) Fluorene	15.693	166	3640	0.104	ng	94
28) Fluoranthene	19.463	202	1422	0.024	ng	# 92
30) Pyrene	19.825	202	1051	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	2542	0.123	ng	99

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

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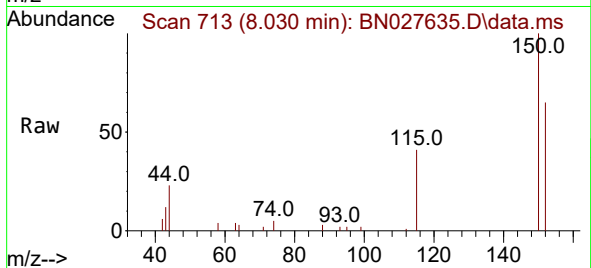
Quant Time: Sep 13 08:23:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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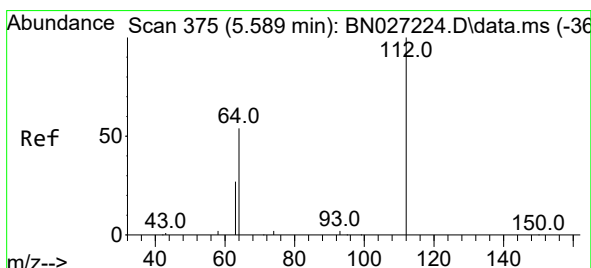
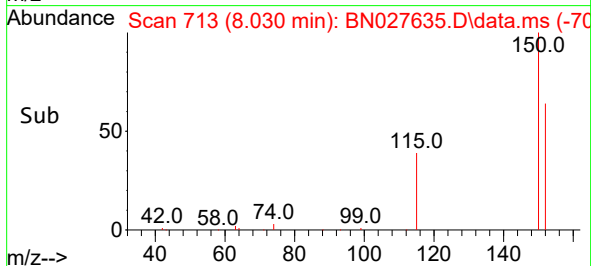
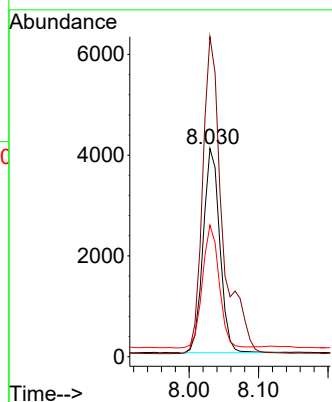


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

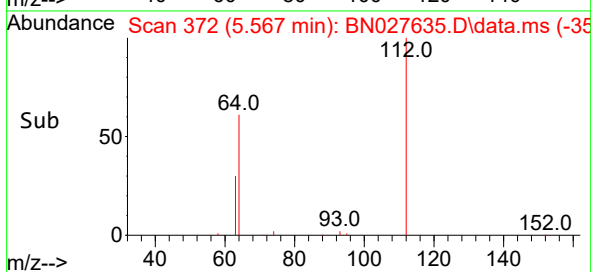
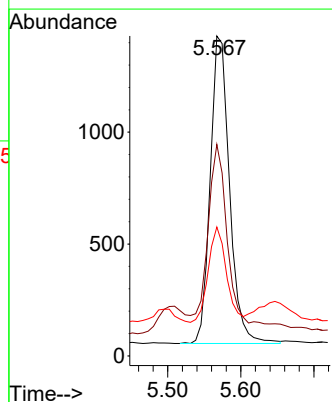
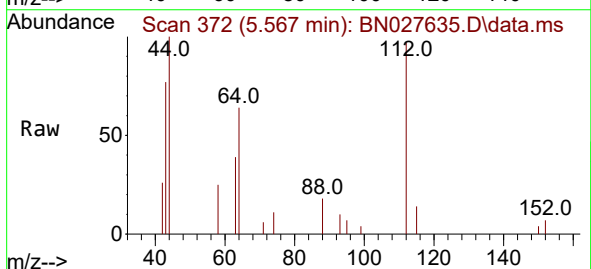


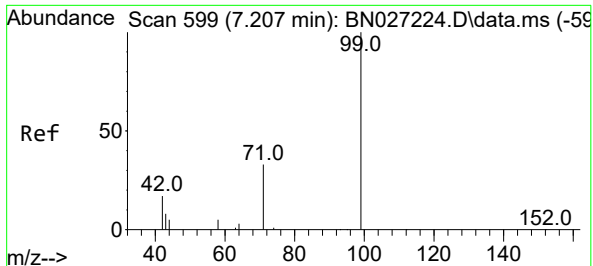
Tgt Ion:152 Resp: 6765
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 63.2 48.6 73.0



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:112 Resp: 2511
Ion Ratio Lower Upper
112 100
64 61.3 44.4 66.6
63 29.4 23.1 34.7

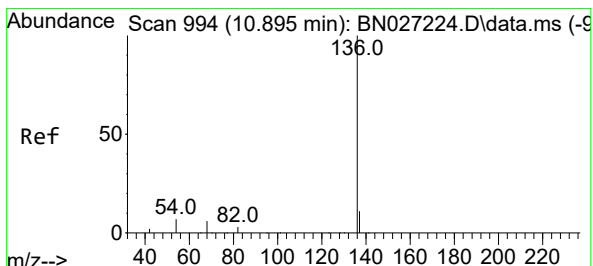
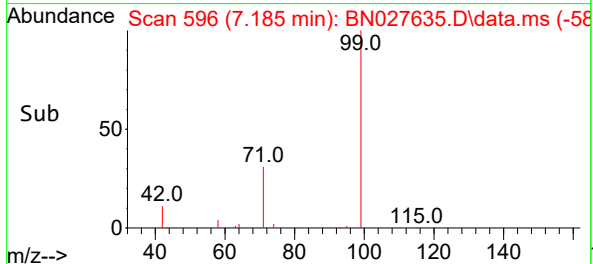
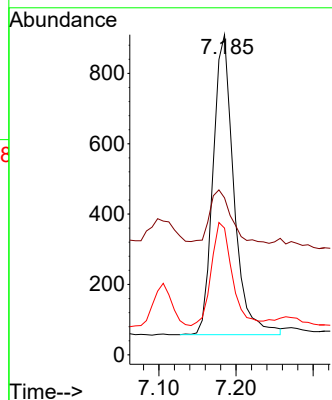
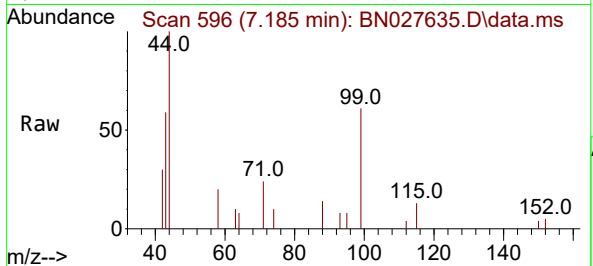




#5
Phenol-d6
Concen: 0.074 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

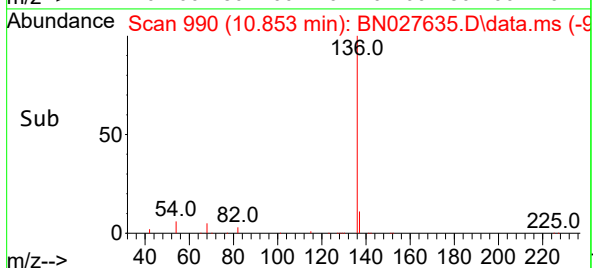
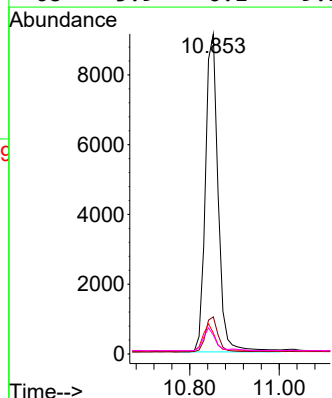
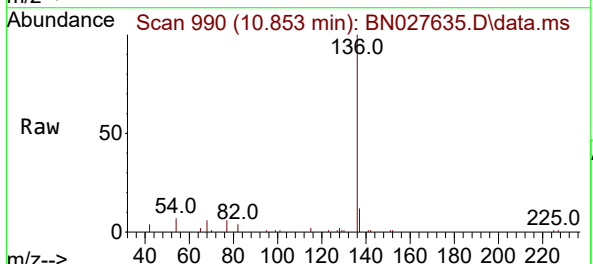
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

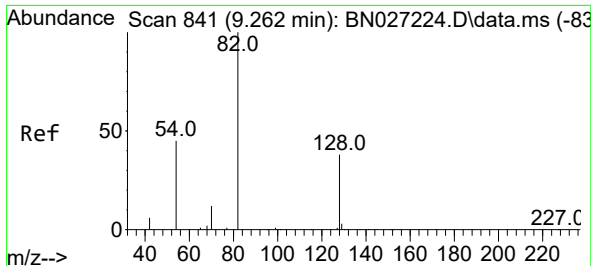
Tgt Ion: 99 Resp: 1597
Ion Ratio Lower Upper
99 100
42 19.5 14.5 21.7
71 34.6 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion: 136 Resp: 17961
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 6.6 6.7 10.1#
68 5.9 6.1 9.1#

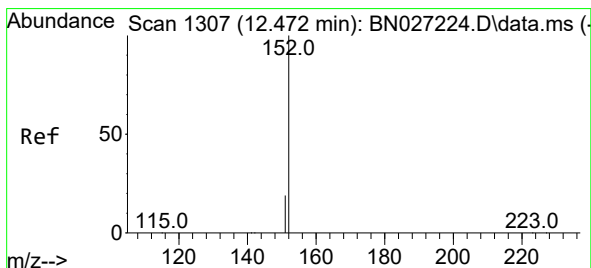
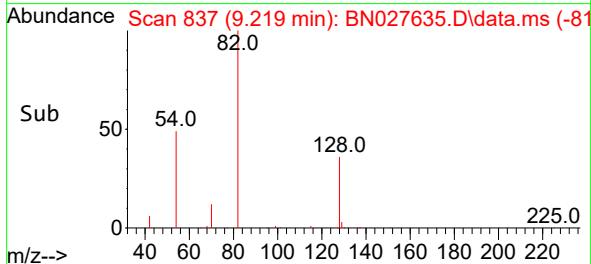
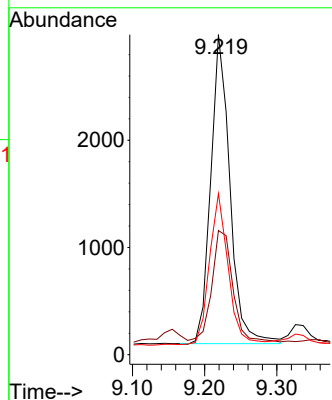
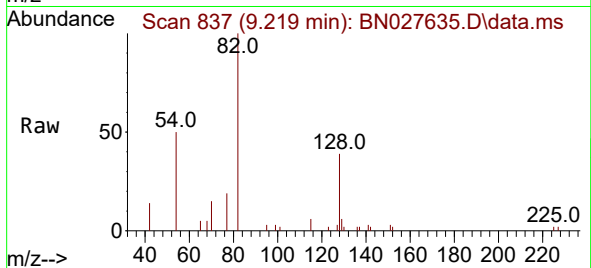




#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

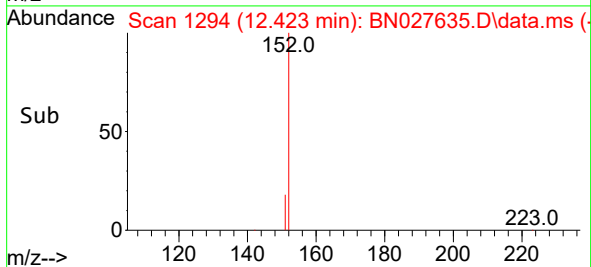
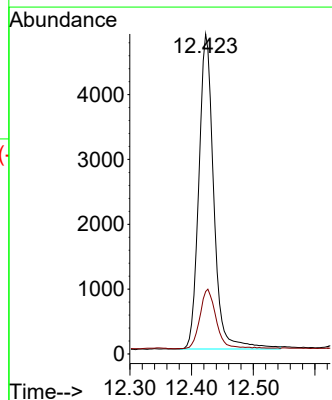
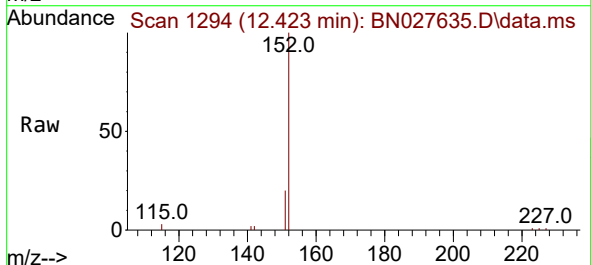
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

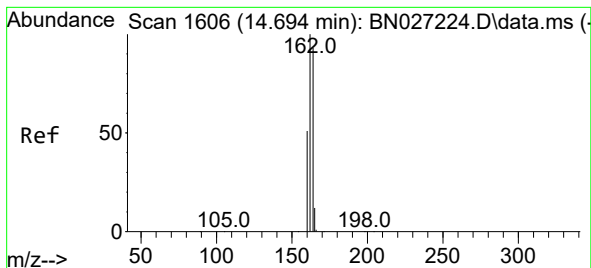
Tgt Ion: 82 Resp: 5337
Ion Ratio Lower Upper
82 100
128 38.8 33.4 50.0
54 50.4 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.423 min Scan# 1294
Delta R.T. -0.008 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion: 152 Resp: 8175
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623

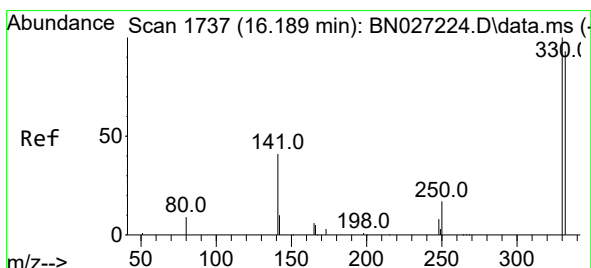
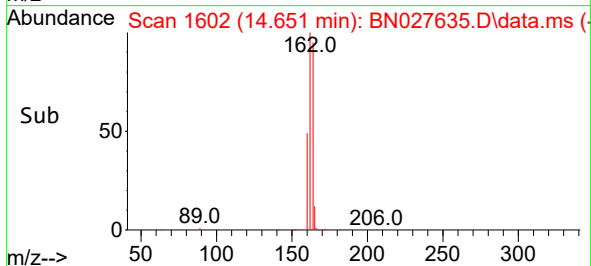
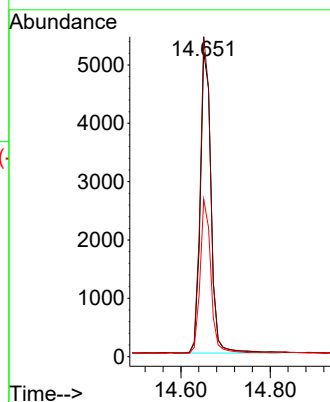
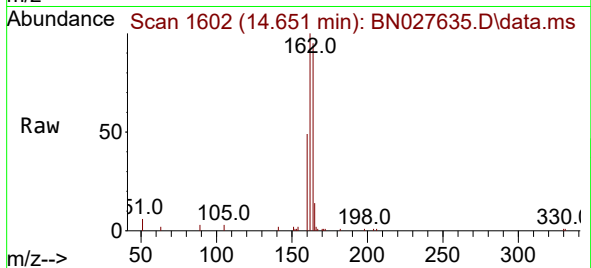
Tgt Ion:164 Resp: 8679

Ion Ratio Lower Upper

164 100

162 105.0 85.8 128.8

160 51.6 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.356 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

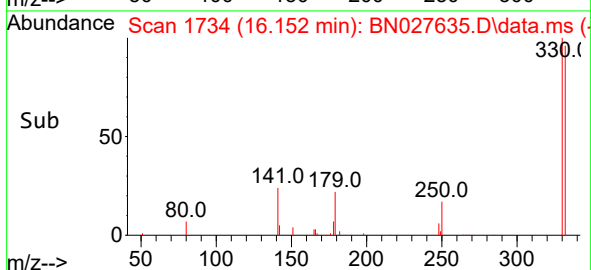
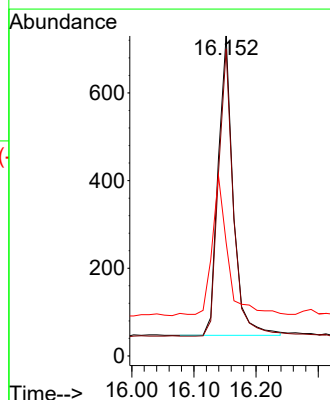
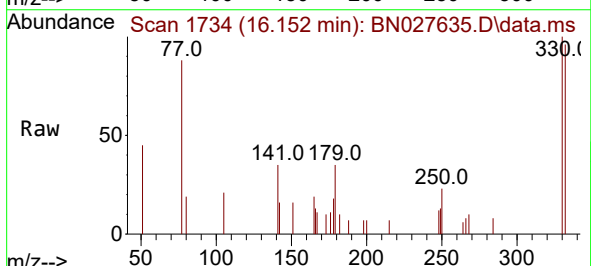
Tgt Ion:330 Resp: 1143

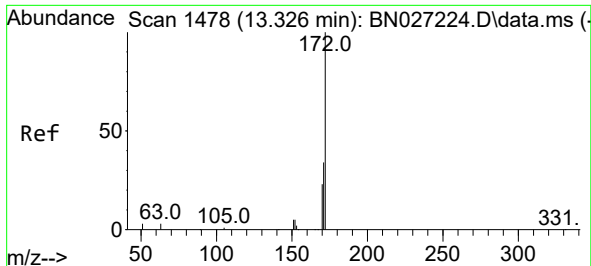
Ion Ratio Lower Upper

330 100

332 95.7 75.2 112.8

141 49.6 36.2 54.4

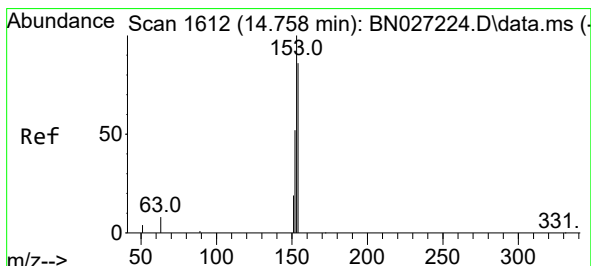
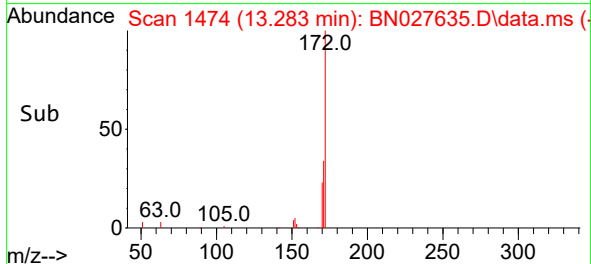
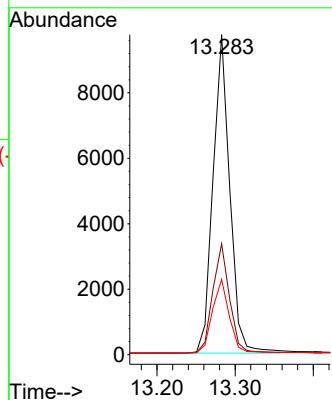
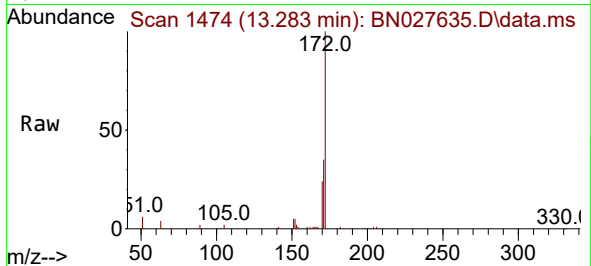




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

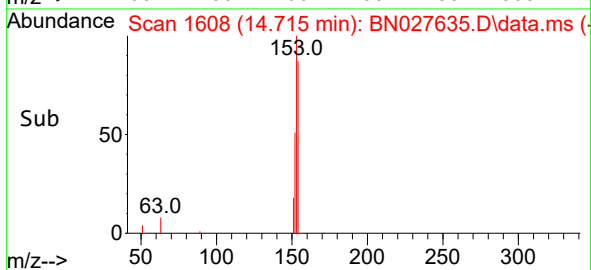
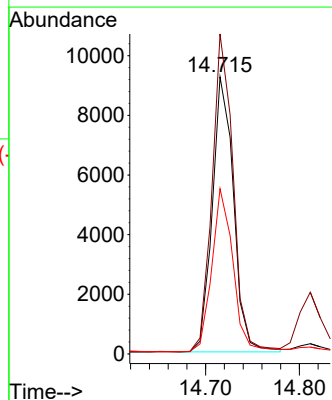
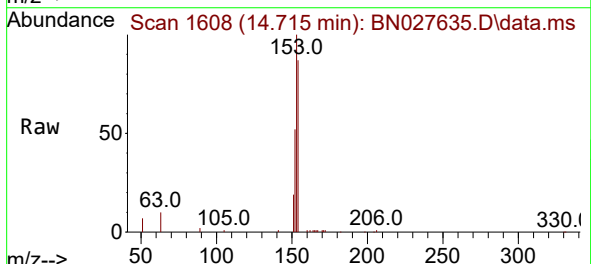
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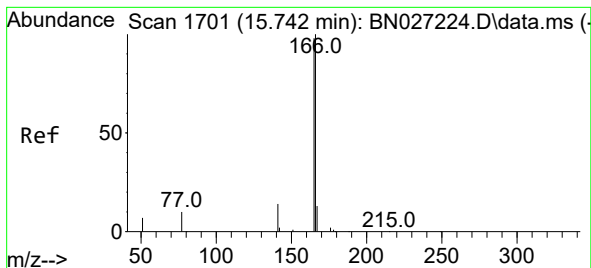
Tgt Ion:172 Resp: 14524
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 19.3 28.9



#17
Acenaphthene
Concen: 0.551 ng
RT: 14.715 min Scan# 1608
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:154 Resp: 14510
Ion Ratio Lower Upper
154 100
153 114.3 93.1 139.7
152 59.1 48.6 73.0





#18

Fluorene

Concen: 0.104 ng

RT: 15.693 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623

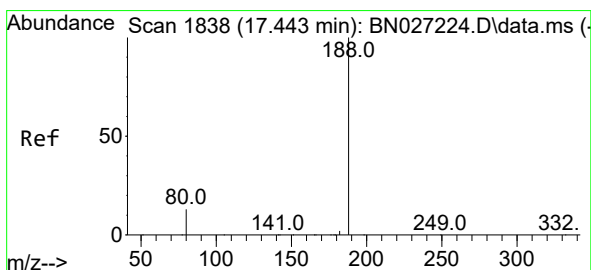
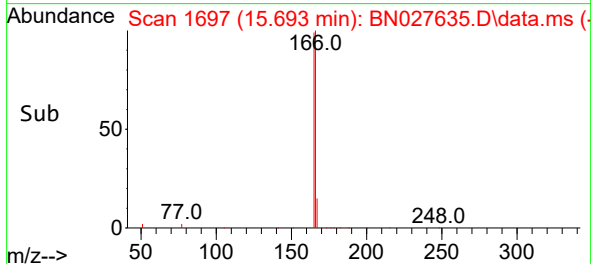
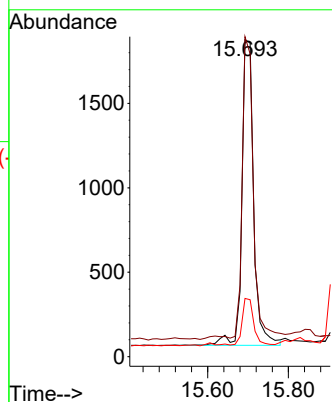
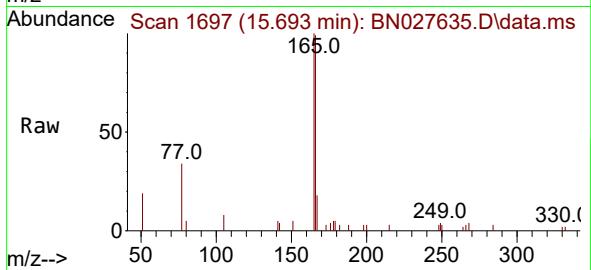
Tgt Ion:166 Resp: 3640

Ion Ratio Lower Upper

166 100

165 92.8 79.0 118.4

167 14.7 10.8 16.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

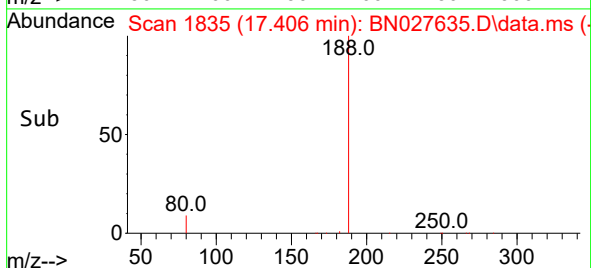
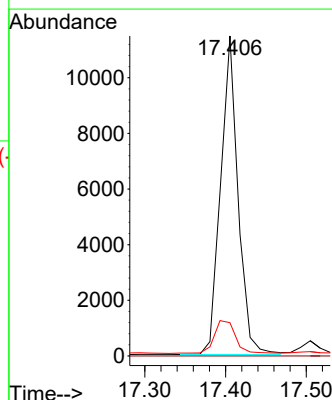
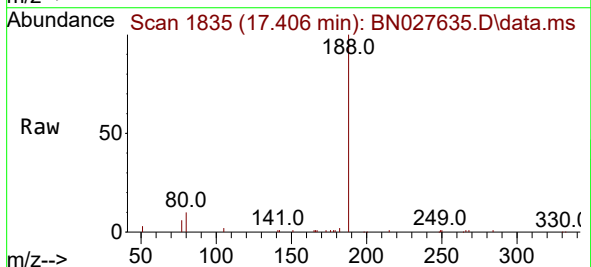
Tgt Ion:188 Resp: 17169

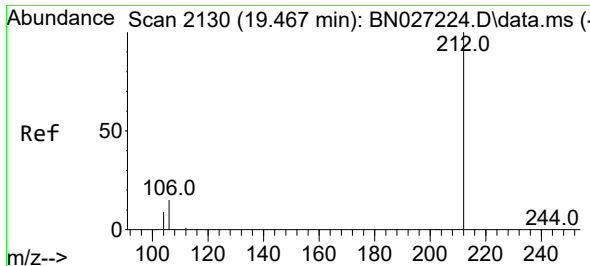
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 11.0 16.6#

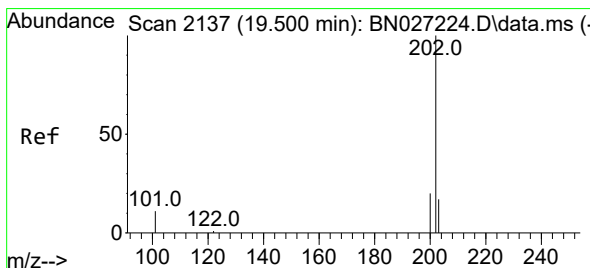
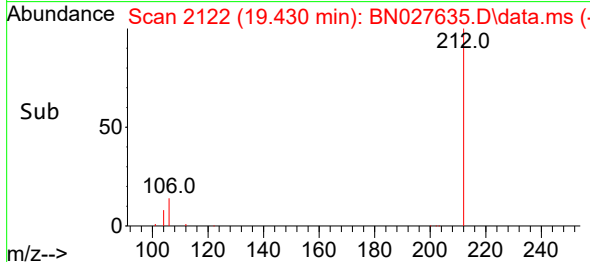
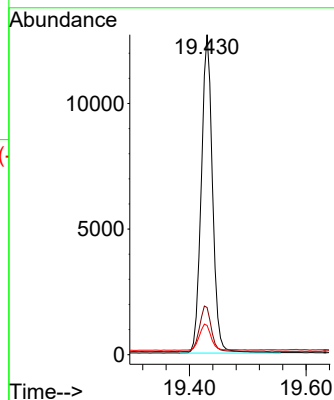
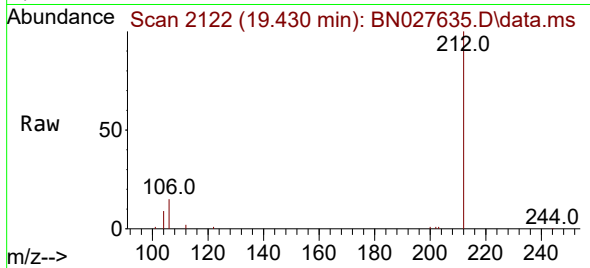




#27
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.430 min Scan# 2112
 Delta R.T. -0.005 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

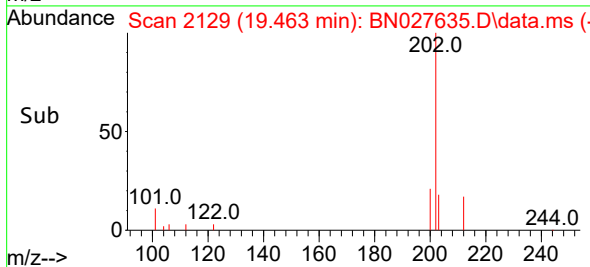
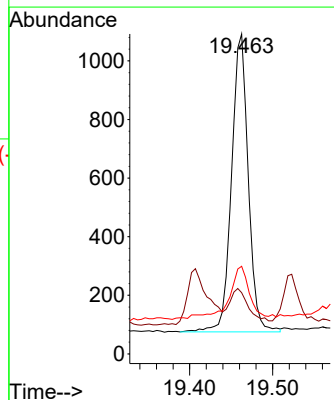
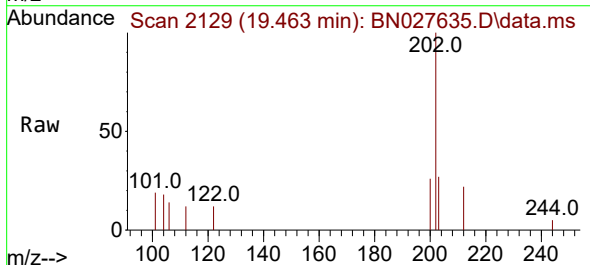
Instrument :
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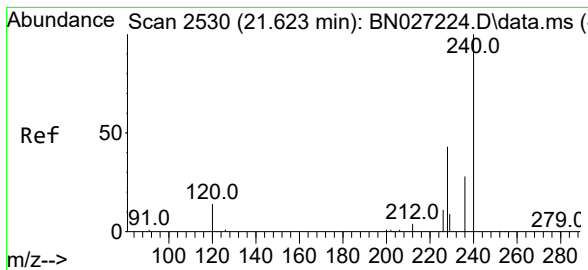
Tgt Ion:212 Resp: 17040
 Ion Ratio Lower Upper
 212 100
 106 15.0 12.1 18.1
 104 8.5 6.9 10.3



#28
 Fluoranthene
 Concen: 0.024 ng
 RT: 19.463 min Scan# 2129
 Delta R.T. -0.005 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

Tgt Ion:202 Resp: 1422
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.6 14.4
 203 22.6 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623

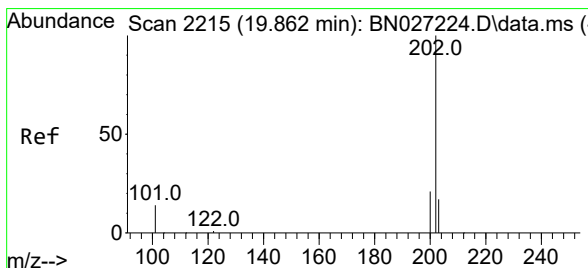
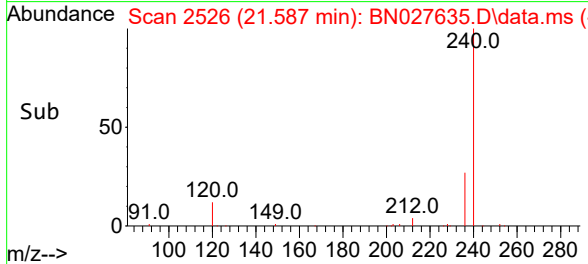
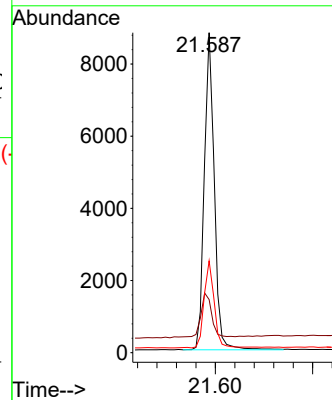
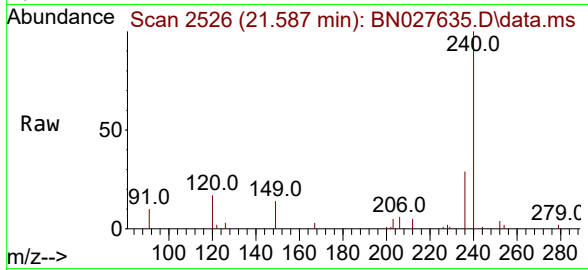
Tgt Ion:240 Resp: 12490

Ion Ratio Lower Upper

240 100

120 16.6 14.2 21.4

236 28.7 22.9 34.3



#30

Pyrene

Concen: 0.021 ng

RT: 19.825 min Scan# 2207

Delta R.T. -0.005 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

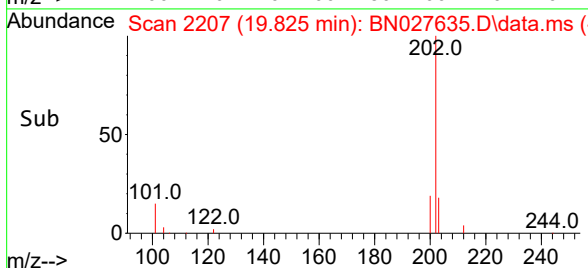
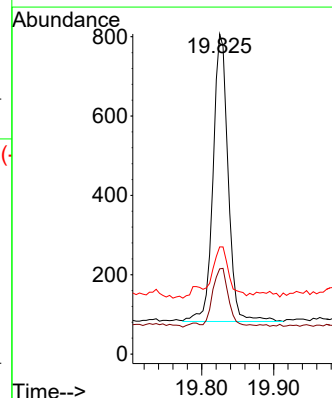
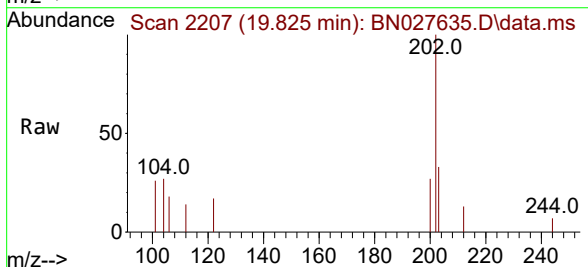
Tgt Ion:202 Resp: 1051

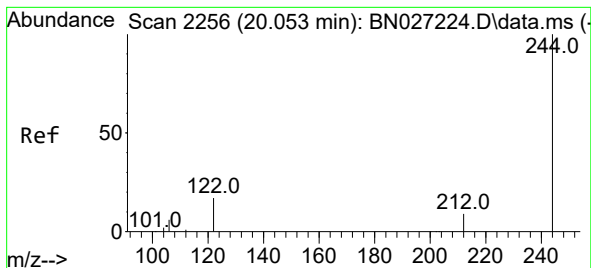
Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

203 17.1 14.2 21.4





#31

Terphenyl-d14

Concen: 0.570 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027635.D

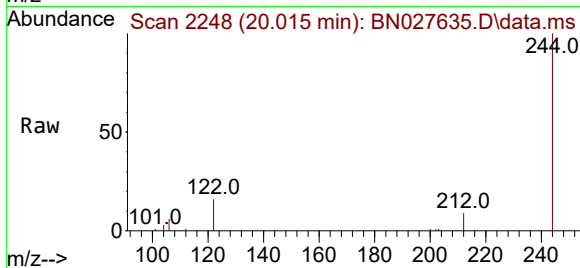
Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623



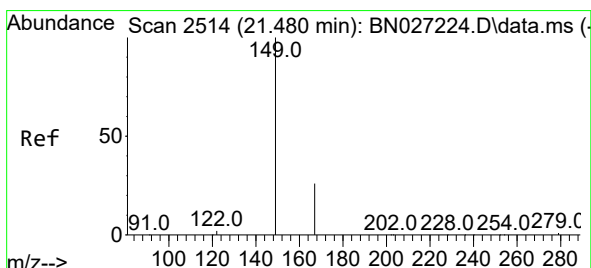
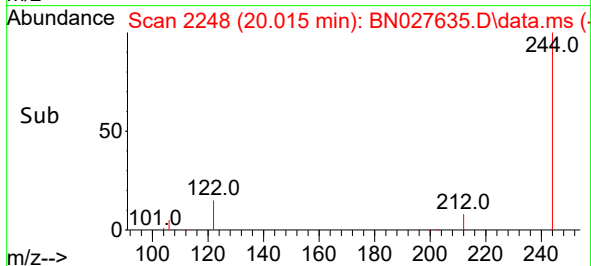
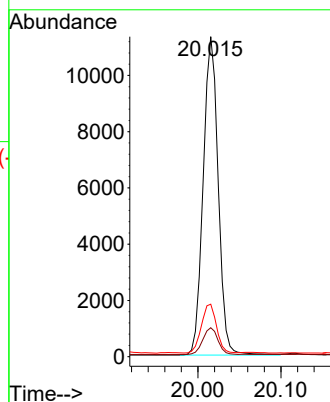
Tgt Ion:244 Resp: 14289

Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

122 16.4 14.0 21.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.123 ng

RT: 21.444 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

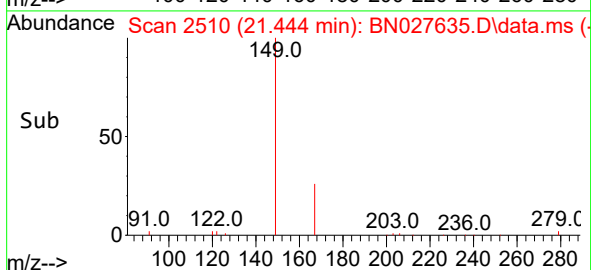
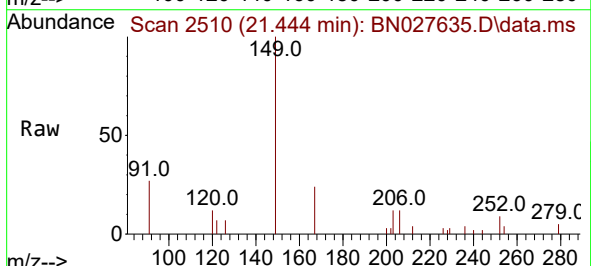
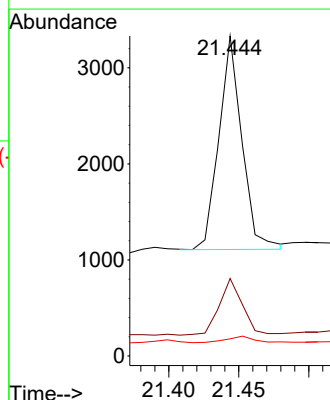
Tgt Ion:149 Resp: 2542

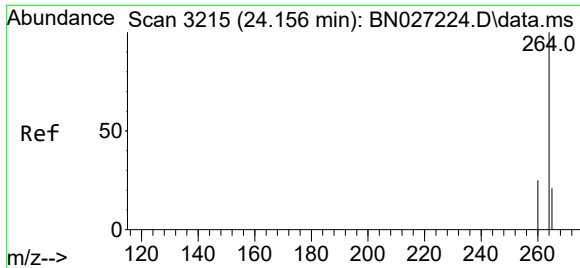
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

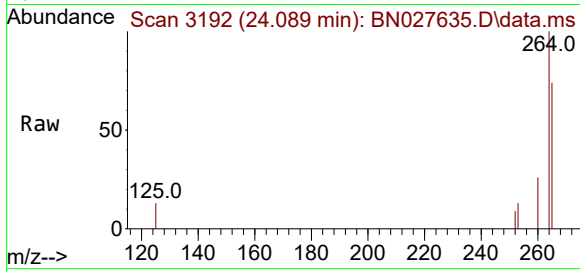
279 3.8 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.089 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623



Tgt Ion:264 Resp: 12192

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.7	31.1
265	73.8	53.3	79.9

