

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031235.D
 Acq On : 26 Apr 2024 00:22
 Operator : MA/JU
 Sample : P2248-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-56-042324

Quant Time: Apr 26 00:50:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 25 18:00:27 2024
 Response via : Initial Calibration

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

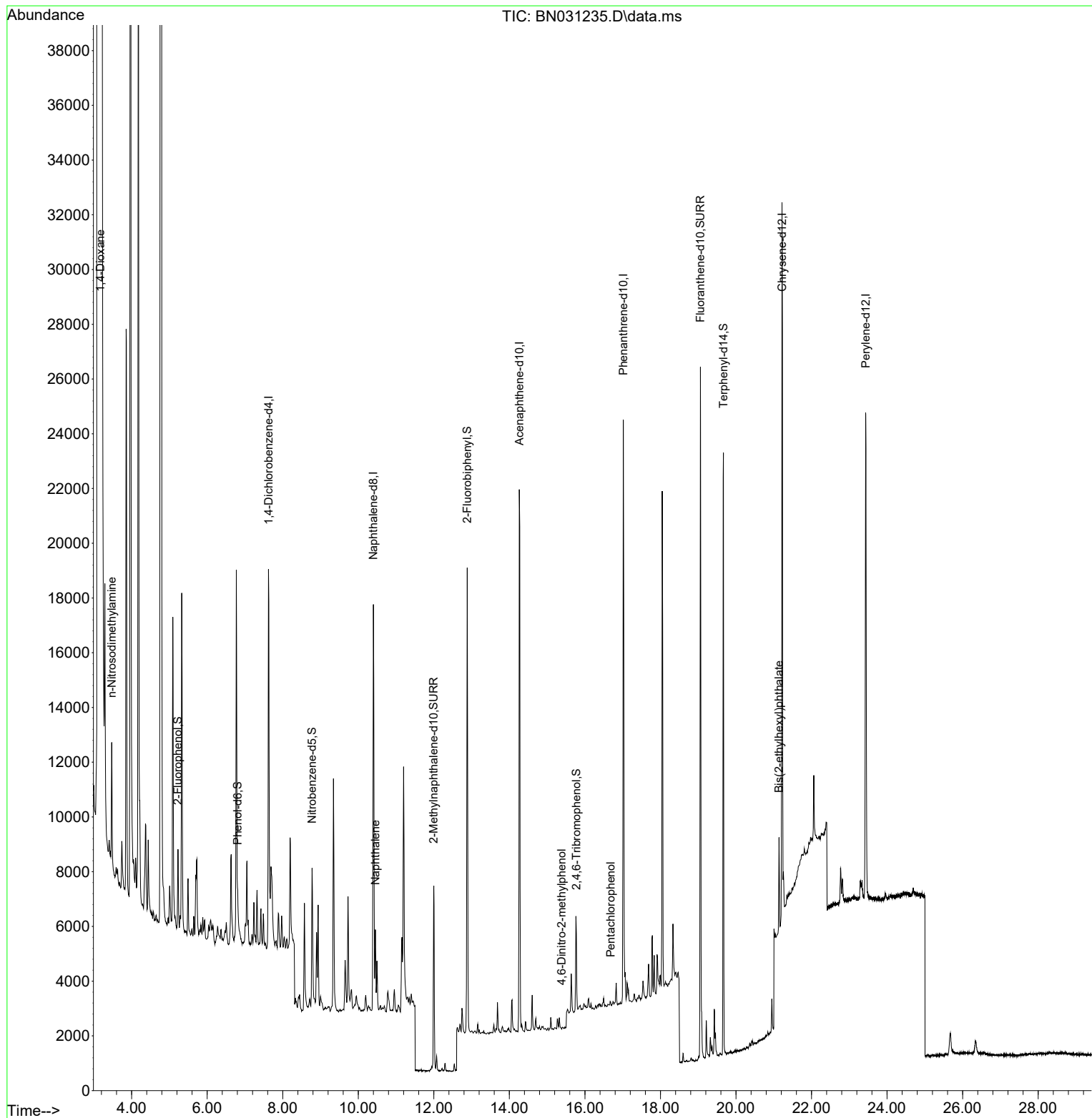
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	6452	0.400	ng	0.00
7) Naphthalene-d8	10.400	136	20114	0.400	ng	#-0.01
13) Acenaphthene-d10	14.263	164	12188	0.400	ng	-0.01
19) Phenanthrene-d10	17.016	188	28993	0.400	ng	#-0.01
29) Chrysene-d12	21.220	240	23832	0.400	ng	#-0.02
35) Perylene-d12	23.434	264	22422	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	2416	0.168	ng	0.00
5) Phenol-d6	6.808	99	1817	0.104	ng	0.00
8) Nitrobenzene-d5	8.777	82	4504	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	9470	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	2035	0.430	ng	0.00
15) 2-Fluorobiphenyl	12.884	172	14528	0.355	ng	-0.01
27) Fluoranthene-d10	19.058	212	27093	0.347	ng	0.00
31) Terphenyl-d14	19.667	244	20642	0.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	28045	3.536	ng	# 76
3) n-Nitrosodimethylamine	3.472	42	422	0.057	ng	# 1
9) Naphthalene	10.453	128	3364	0.061	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.386	198	6	0.103	ng	# 1
24) Pentachlorophenol	16.681	266	106	0.140	ng	93
34) Bis(2-ethylhexyl)phtha...	21.139	149	3347	0.088	ng	# 98

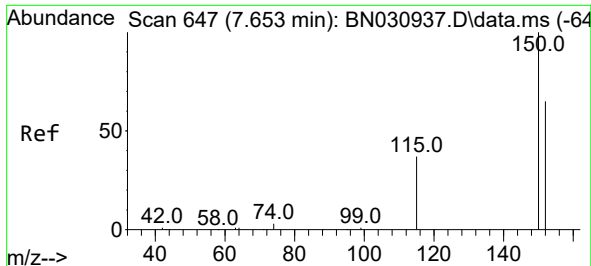
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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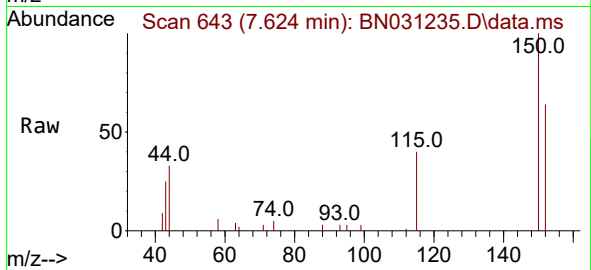
Quant Time: Apr 26 00:50:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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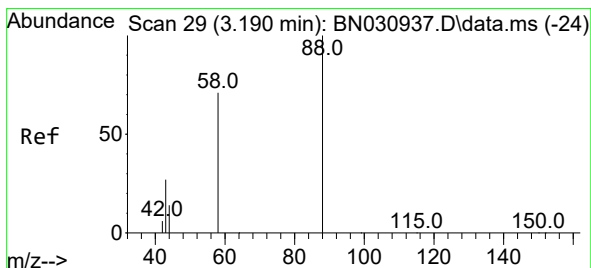
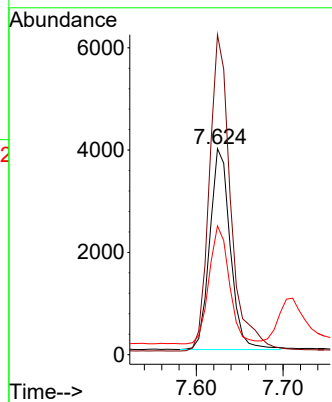
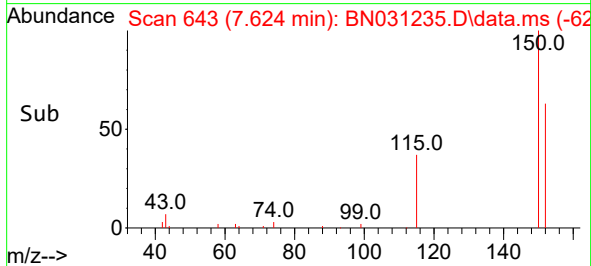


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.624 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN031235.D
 Acq: 26 Apr 2024 00:22

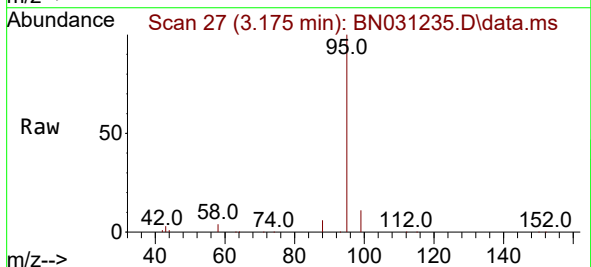
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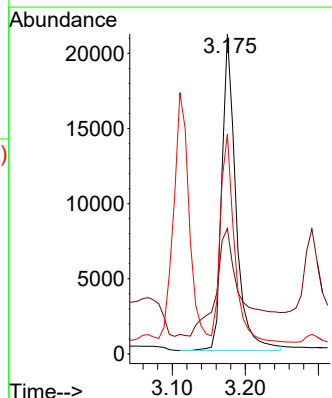
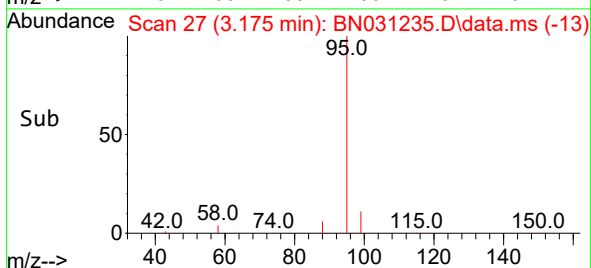
Tgt Ion:152 Resp: 6452
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.7 182.5
 115 62.5 47.8 71.8

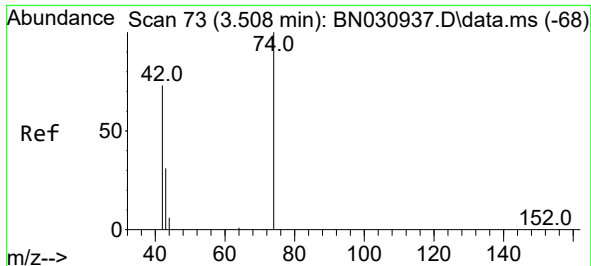


#2
 1,4-Dioxane
 Concen: 3.536 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BN031235.D
 Acq: 26 Apr 2024 00:22



Tgt Ion: 88 Resp: 28045
 Ion Ratio Lower Upper
 88 100
 43 65.4 23.7 35.5#
 58 64.4 55.7 83.5

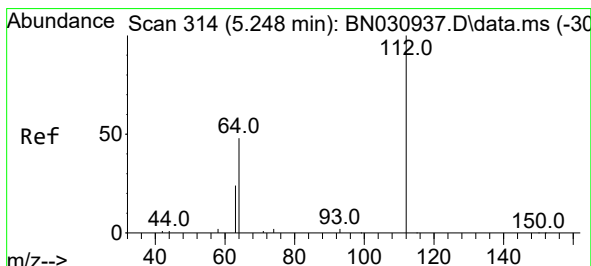
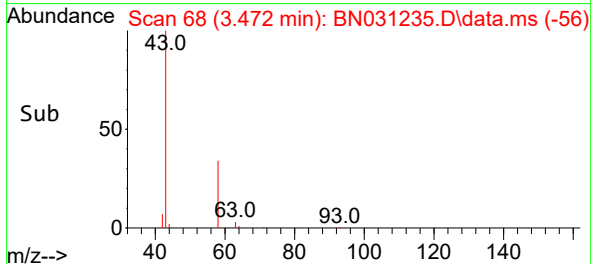
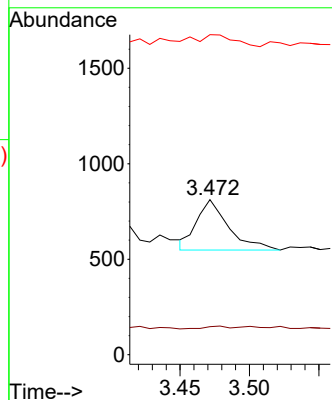
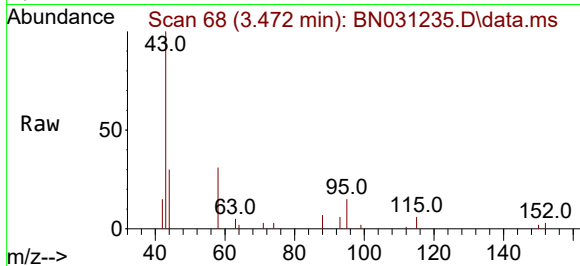




#3
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.472 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

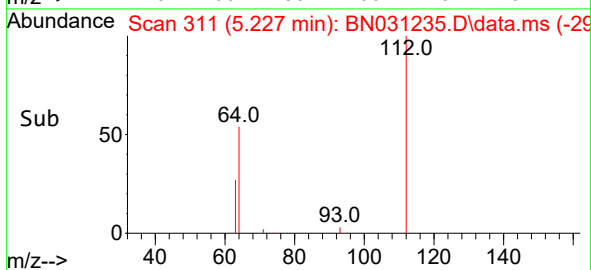
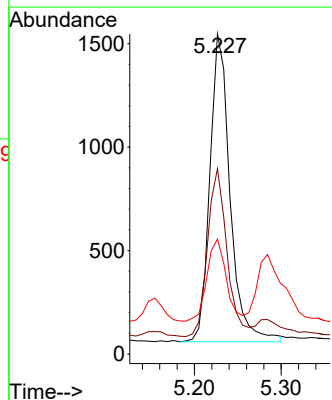
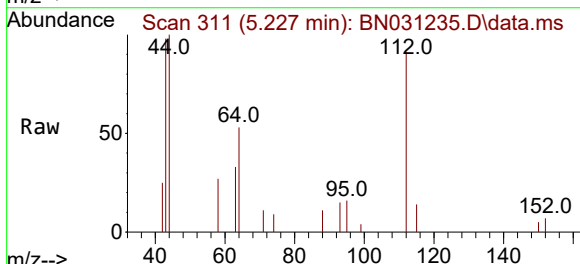
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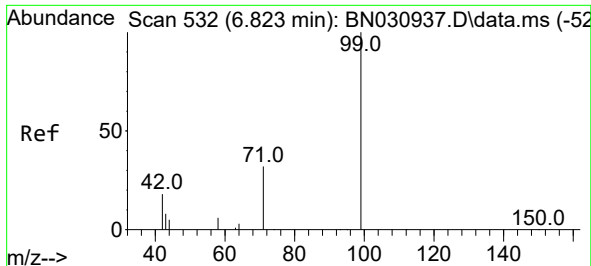
Tgt Ion: 42 Resp: 422
Ion Ratio Lower Upper
42 100
74 3.8 103.1 154.7#
44 28.4 7.0 10.6#



#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.227 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Tgt Ion: 112 Resp: 2416
Ion Ratio Lower Upper
112 100
64 52.2 43.4 65.2
63 25.2 22.2 33.2

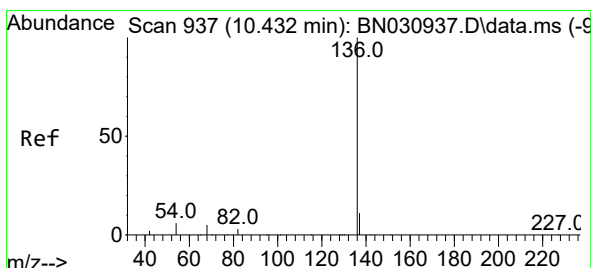
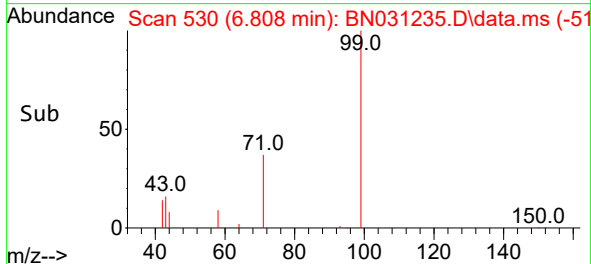
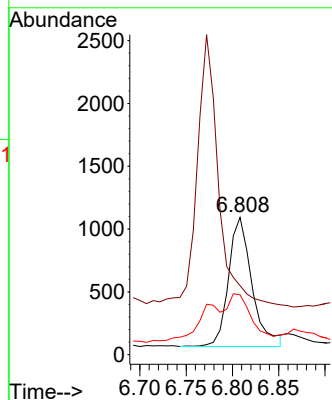
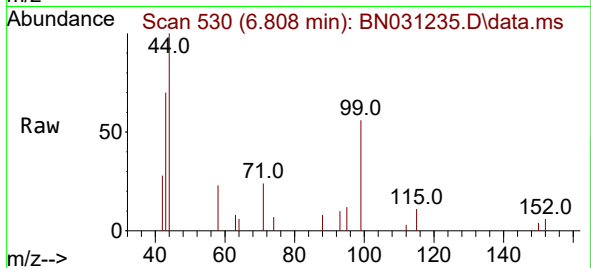




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.808 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

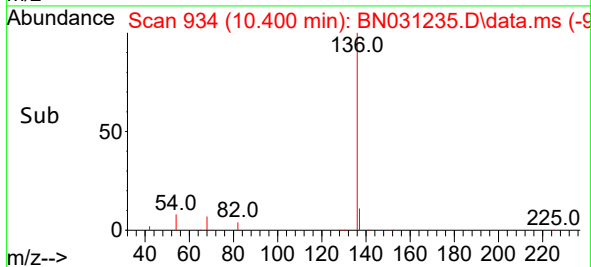
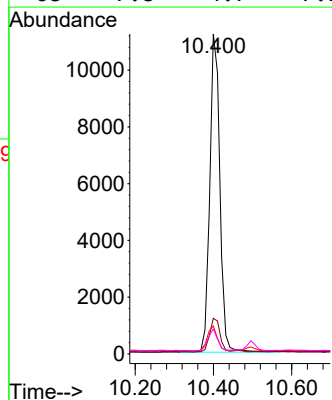
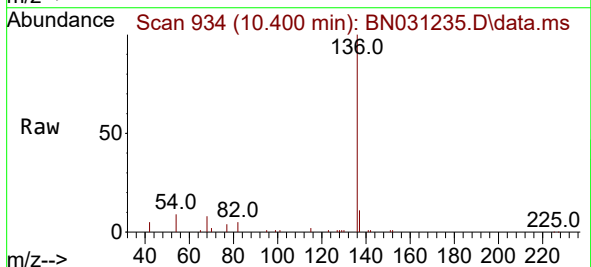
Instrument :
BNA_N
ClientSampleId :
RMW-03B-56-042324

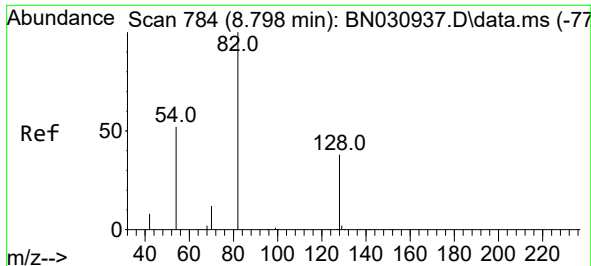
Tgt Ion: 99 Resp: 1817
Ion Ratio Lower Upper
99 100
42 0.0 16.4 24.6#
71 31.8 26.3 39.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.400 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Tgt Ion: 136 Resp: 20114
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 8.8 5.3 7.9#
68 7.8 4.7 7.1#

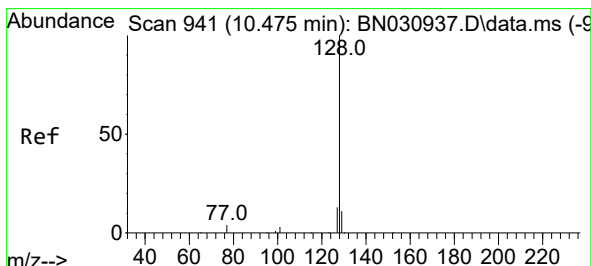
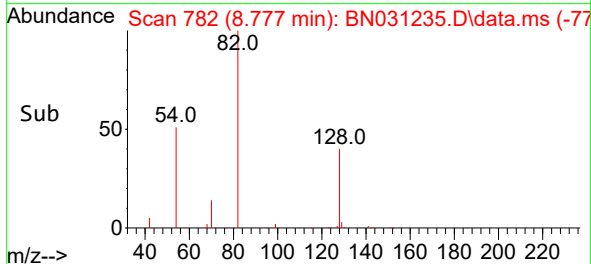
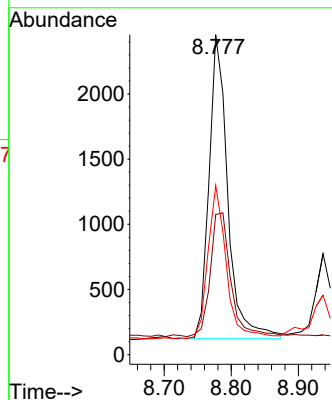
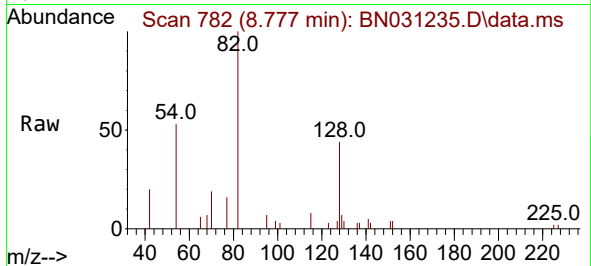




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.777 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

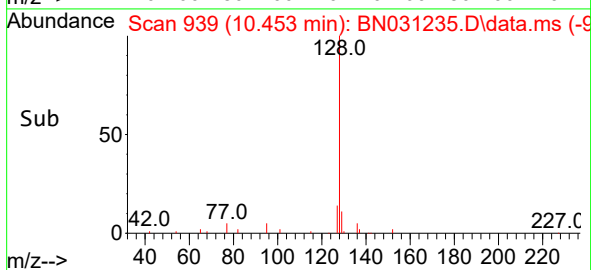
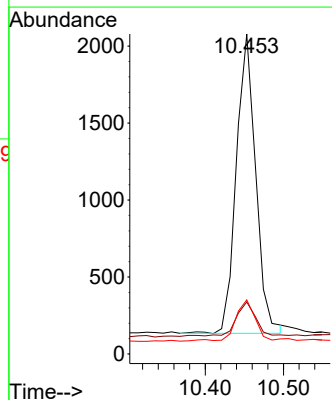
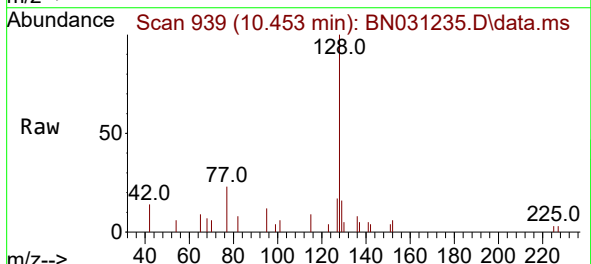
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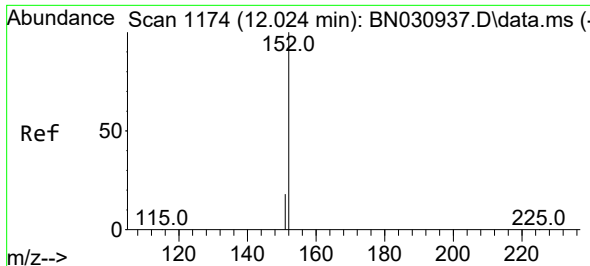
Tgt Ion: 82 Resp: 4504
Ion Ratio Lower Upper
82 100
128 43.8 33.7 50.5
54 52.8 43.7 65.5



#9
Naphthalene
Concen: 0.061 ng
RT: 10.453 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Tgt Ion: 128 Resp: 3364
Ion Ratio Lower Upper
128 100
129 16.3 9.4 14.0#
127 16.9 10.9 16.3#

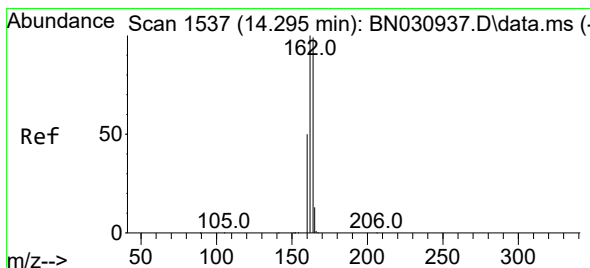
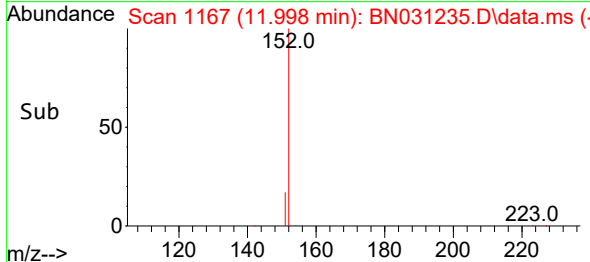
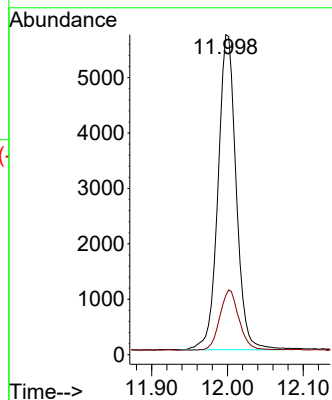
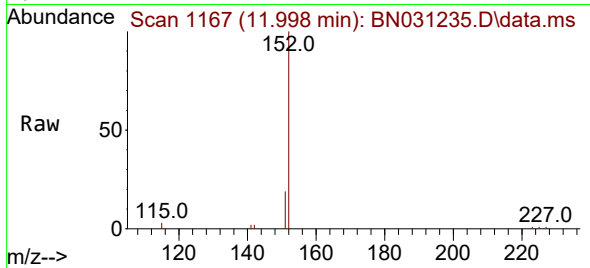




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.998 min Scan# 1167
Delta R.T. -0.004 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

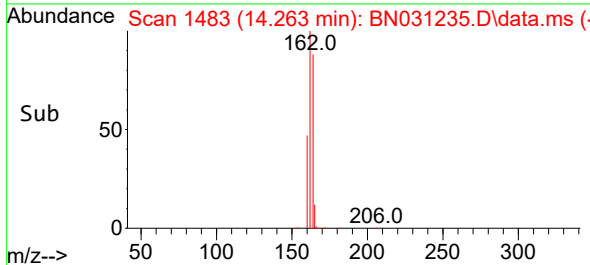
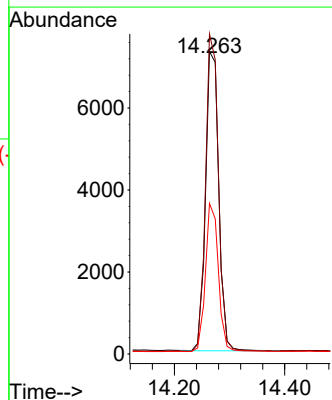
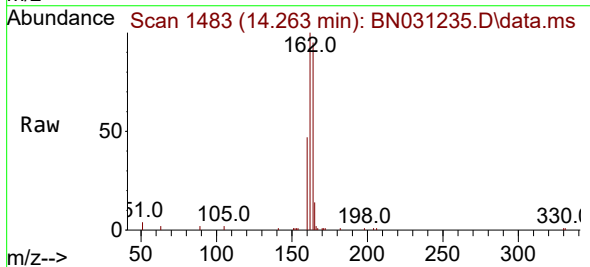
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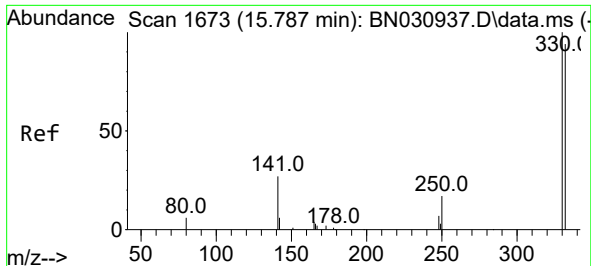
Tgt Ion:152 Resp: 9470
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. -0.011 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

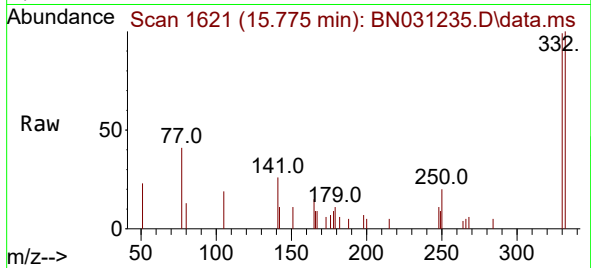
Tgt Ion:164 Resp: 12188
Ion Ratio Lower Upper
164 100
162 105.8 80.6 121.0
160 49.8 40.7 61.1



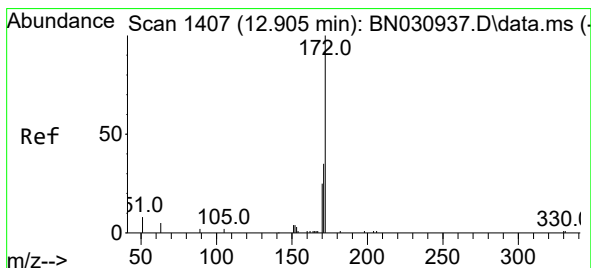
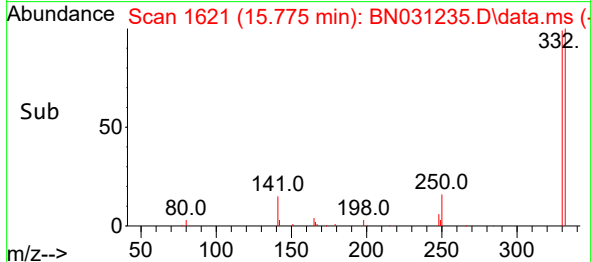
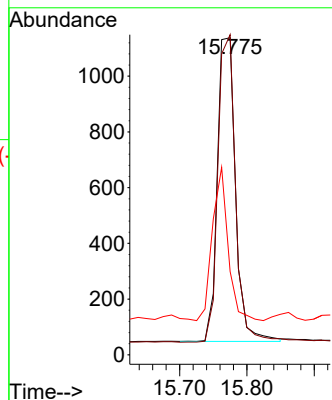


#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Instrument :
BNA_N
ClientSampleId :
RMW-03B-56-042324

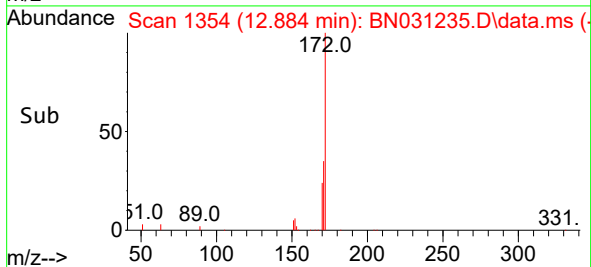
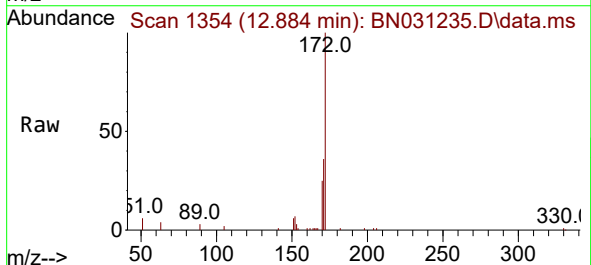
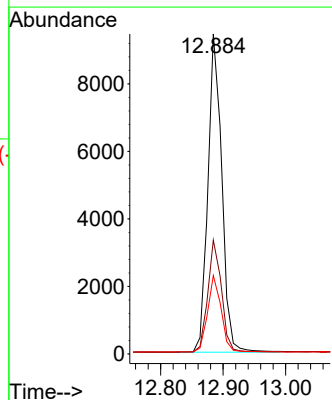


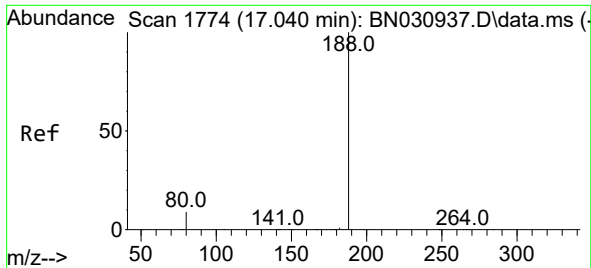
Tgt Ion:330 Resp: 2035
Ion Ratio Lower Upper
330 100
332 98.6 74.2 111.2
141 43.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.884 min Scan# 1354
Delta R.T. -0.011 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Tgt Ion:172 Resp: 14528
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.5 19.8 29.8

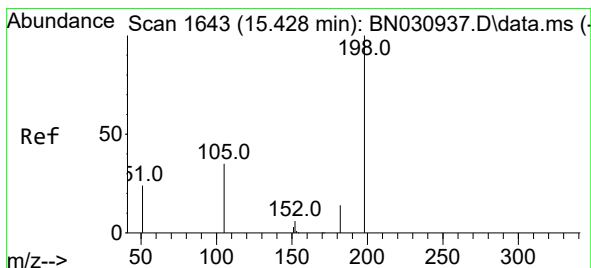
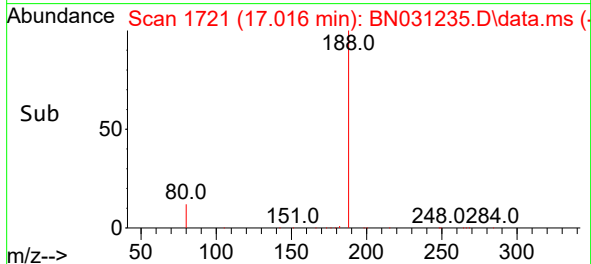
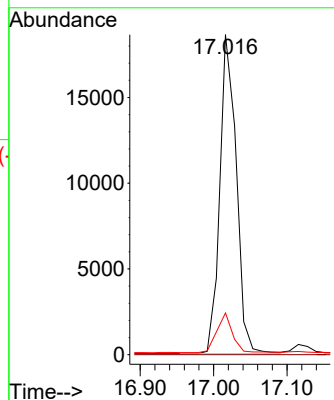
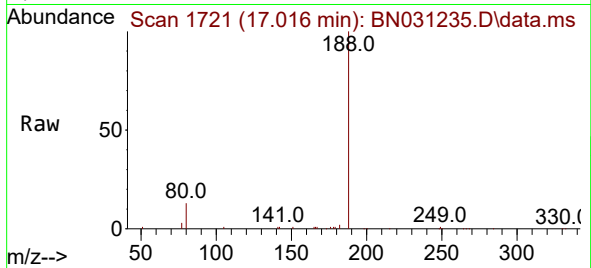




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

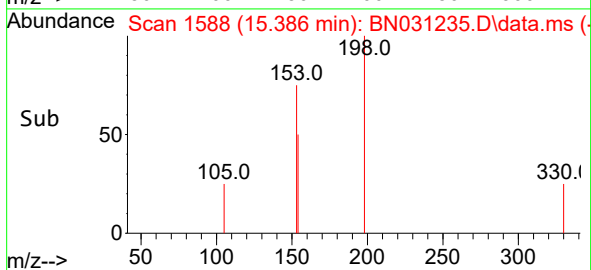
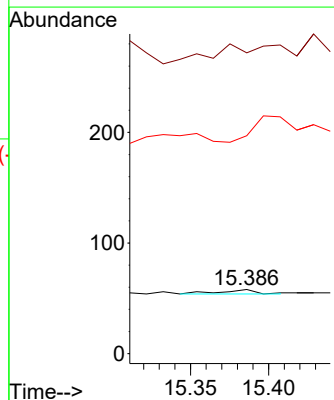
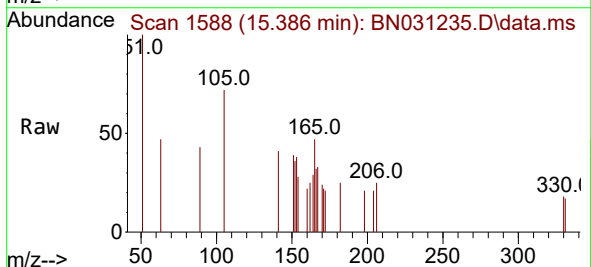
Instrument :
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RMW-03B-56-042324

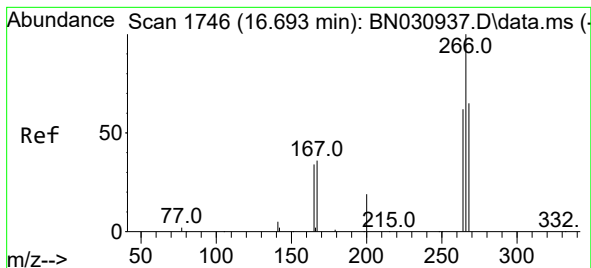
Tgt Ion:188 Resp: 28993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.4 11.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.103 ng
RT: 15.386 min Scan# 1588
Delta R.T. -0.032 min
Lab File: BN031235.D
Acq: 26 Apr 2024 00:22

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 469.0 65.2 97.8#
105 339.7 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.140 ng

RT: 16.681 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031235.D

Acq: 26 Apr 2024 00:22

Instrument :

BNA_N

ClientSampleId :

RMW-03B-56-042324

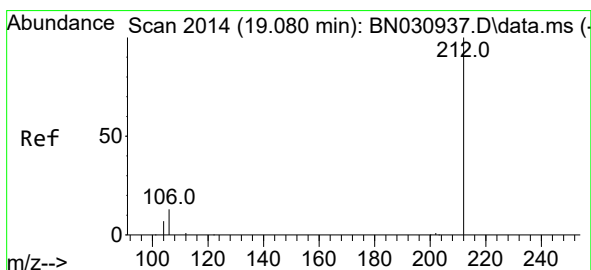
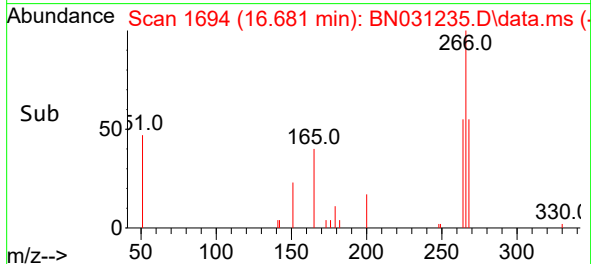
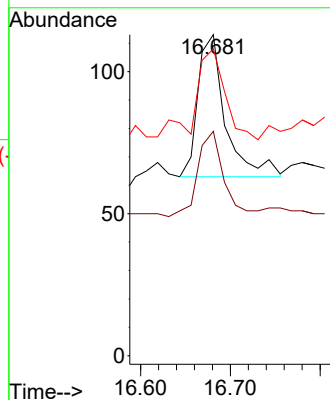
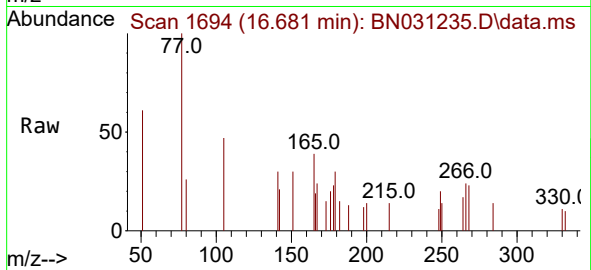
Tgt Ion:266 Resp: 106

Ion Ratio Lower Upper

266 100

264 56.6 50.2 75.2

268 69.8 52.3 78.5



#27

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.058 min Scan# 1960

Delta R.T. -0.009 min

Lab File: BN031235.D

Acq: 26 Apr 2024 00:22

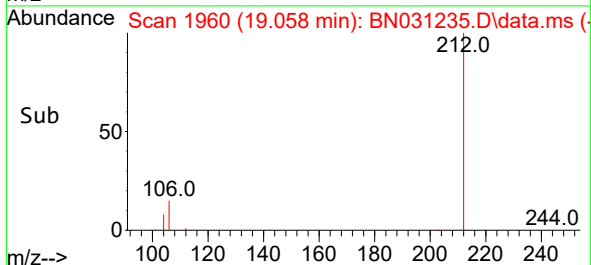
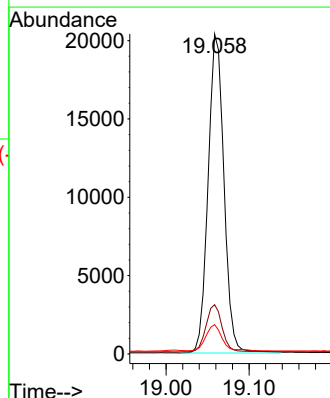
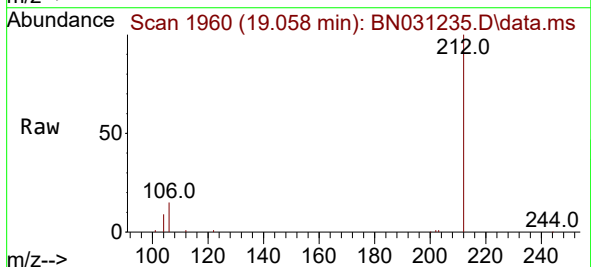
Tgt Ion:212 Resp: 27093

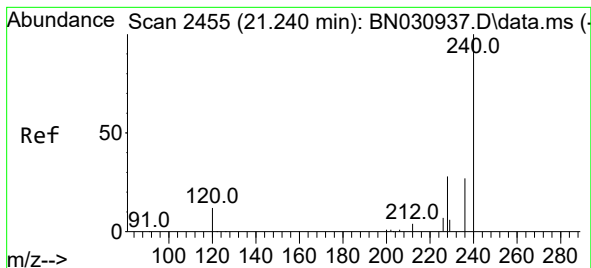
Ion Ratio Lower Upper

212 100

106 15.0 12.0 18.0

104 8.6 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.220 min Scan# 2455

Delta R.T. -0.018 min

Lab File: BN031235.D

Acq: 26 Apr 2024 00:22

Instrument :

BNA_N

ClientSampleId :

RMW-03B-56-042324

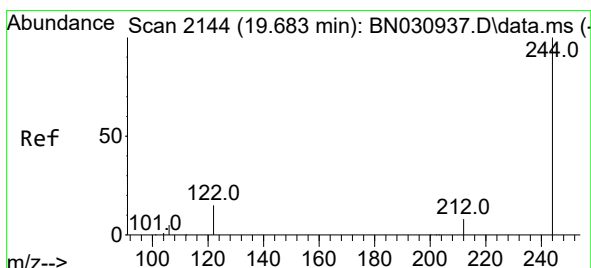
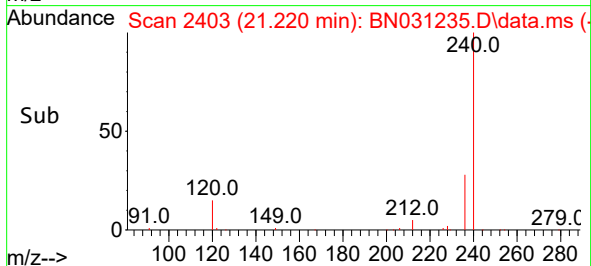
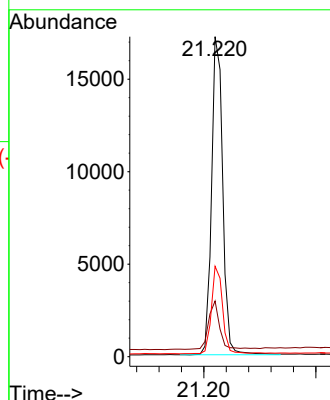
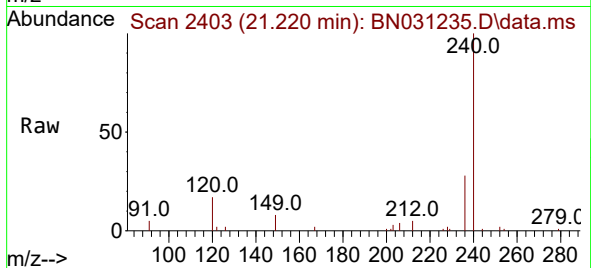
Tgt Ion:240 Resp: 23832

Ion Ratio Lower Upper

240 100

120 17.4 11.0 16.4#

236 28.2 22.3 33.5



#31

Terphenyl-d14

Concen: 0.373 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN031235.D

Acq: 26 Apr 2024 00:22

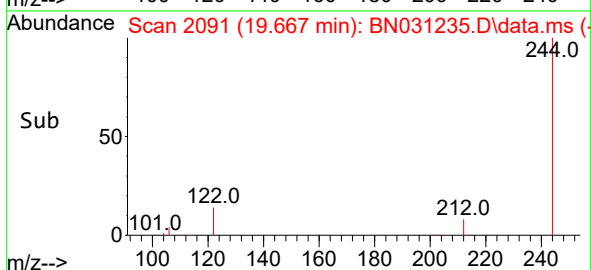
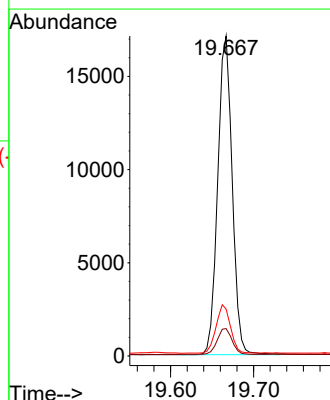
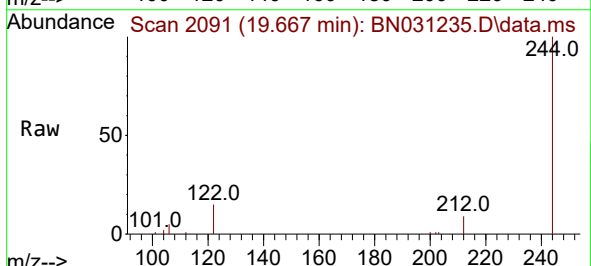
Tgt Ion:244 Resp: 20642

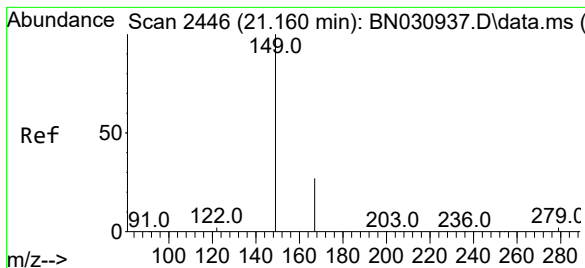
Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

122 14.7 12.7 19.1

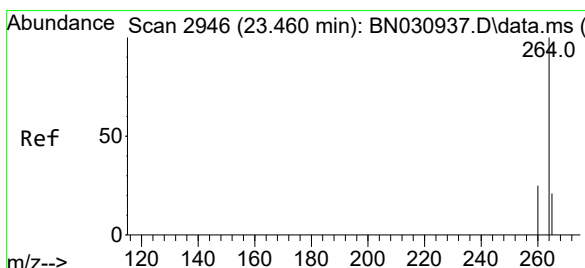
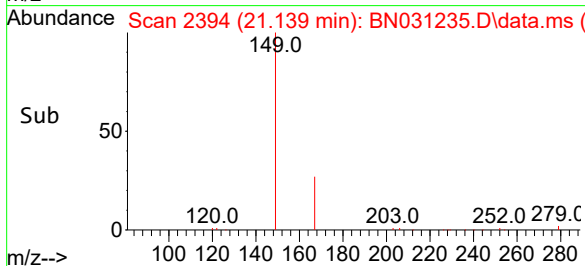
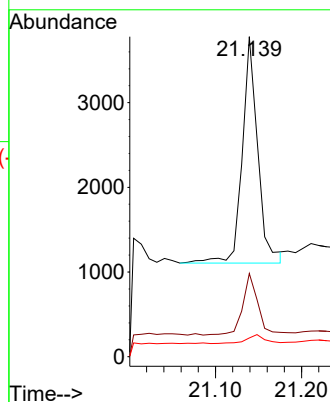
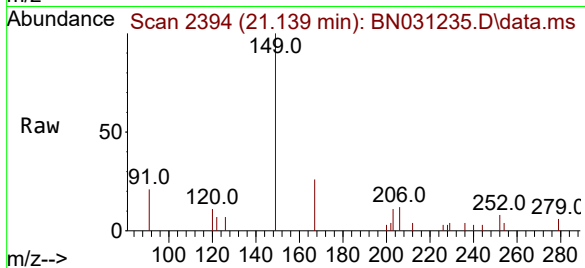




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.139 min Scan# 21139
 Delta R.T. -0.009 min
 Lab File: BN031235.D
 Acq: 26 Apr 2024 00:22

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-56-042324

Tgt Ion:149 Resp: 3347
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 4.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.434 min Scan# 2886
 Delta R.T. -0.021 min
 Lab File: BN031235.D
 Acq: 26 Apr 2024 00:22

Tgt Ion:264 Resp: 22422
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 31.0
 265 53.1 53.3 79.9#

