

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031438.D
 Acq On : 08 May 2024 14:02
 Operator : MA/JU
 Sample : PB160696BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL

Quant Time: May 08 14:30:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

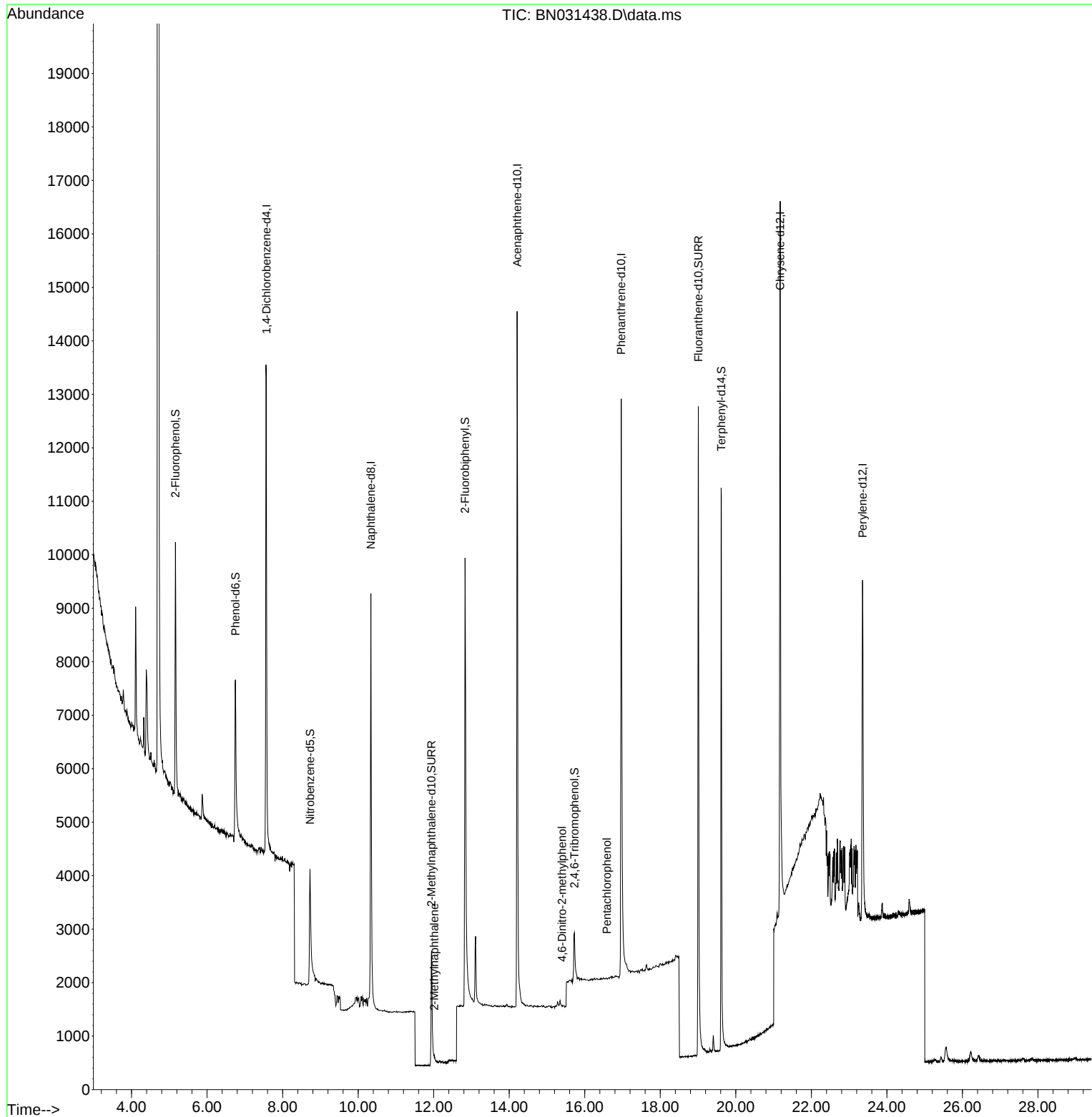
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	5134	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	10314	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	8360	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	18487	0.400	ng	# 0.00
29) Chrysene-d12	21.175	240	14850	0.400	ng	0.00
35) Perylene-d12	23.358	264	9742	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	4247	0.353	ng	0.00
5) Phenol-d6	6.751	99	4041	0.283	ng	0.00
8) Nitrobenzene-d5	8.723	82	2860	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	11.941	152	4072	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.725	330	775	0.191	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	10426	0.337	ng	0.00
27) Fluoranthene-d10	19.007	212	15803	0.316	ng	0.00
31) Terphenyl-d14	19.616	244	11869	0.315	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.017	142	45	0.173	ng	# 45
20) 4,6-Dinitro-2-methylph...	15.397	198	10	0.026	ng	# 1
24) Pentachlorophenol	16.582	266	4	0.164	ng	# 37
30) Pyrene	19.402	202	318	Below Cal		98

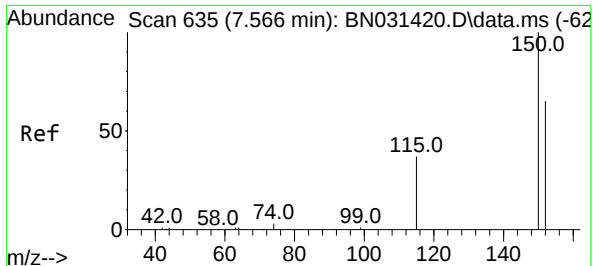
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
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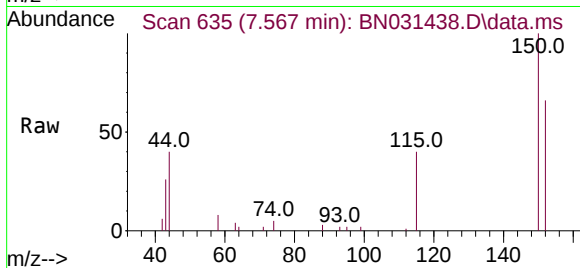
Quant Time: May 08 14:30:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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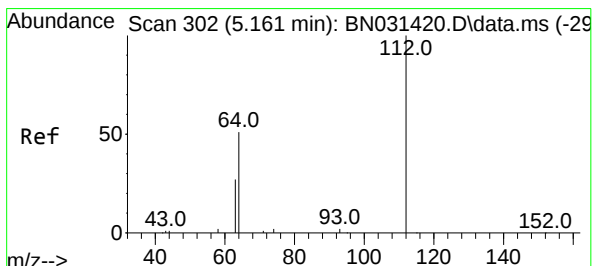
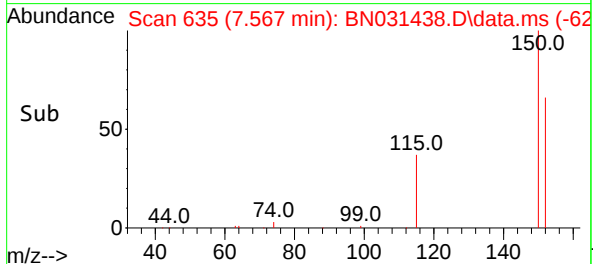
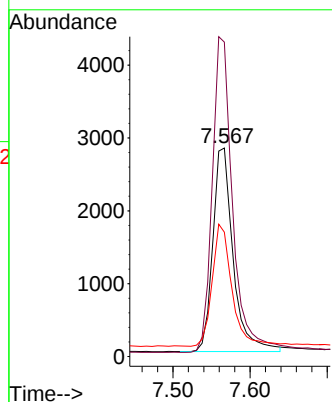


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 635
 Delta R.T. 0.001 min
 Lab File: BN031438.D
 Acq: 08 May 2024 14:02

Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL

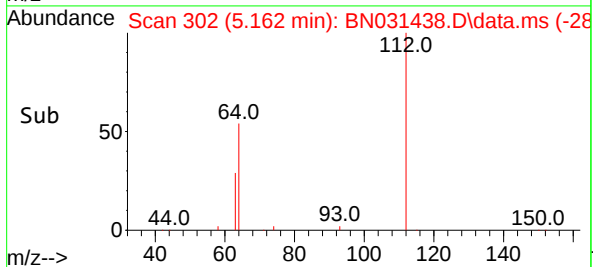
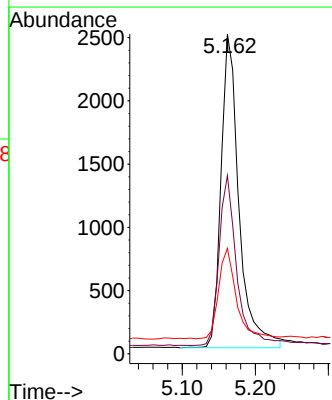
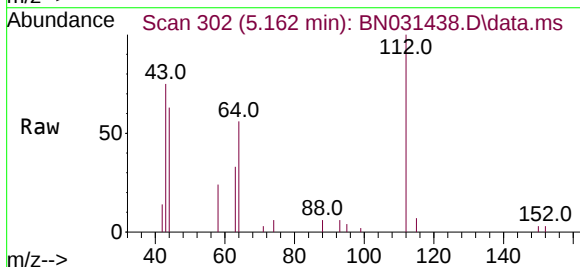


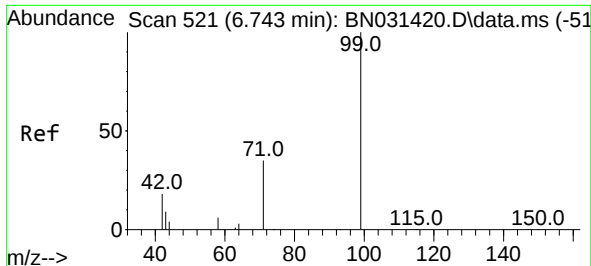
Tgt Ion:152 Resp: 5134
 Ion Ratio Lower Upper
 152 100
 150 150.9 122.2 183.2
 115 59.6 47.8 71.6



#4
 2-Fluorophenol
 Concen: 0.353 ng
 RT: 5.162 min Scan# 302
 Delta R.T. 0.000 min
 Lab File: BN031438.D
 Acq: 08 May 2024 14:02

Tgt Ion:112 Resp: 4247
 Ion Ratio Lower Upper
 112 100
 64 53.0 42.4 63.6
 63 28.5 22.6 34.0

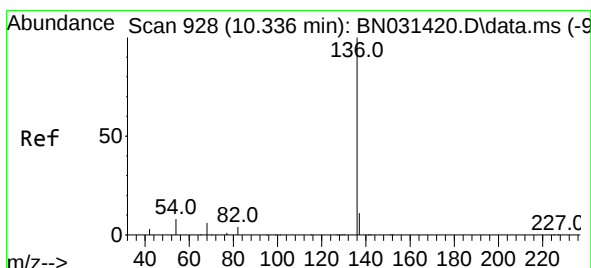
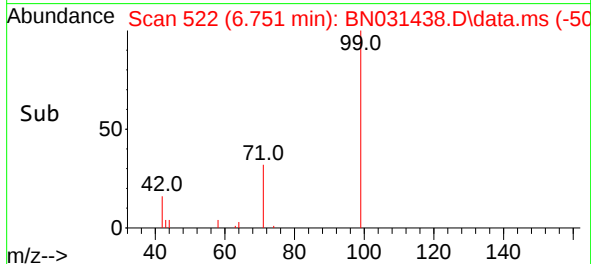
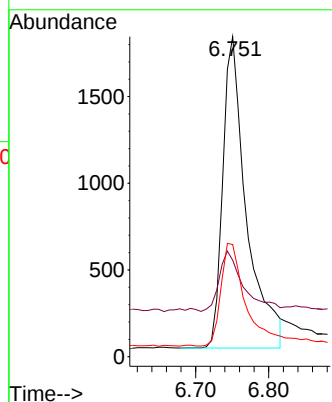
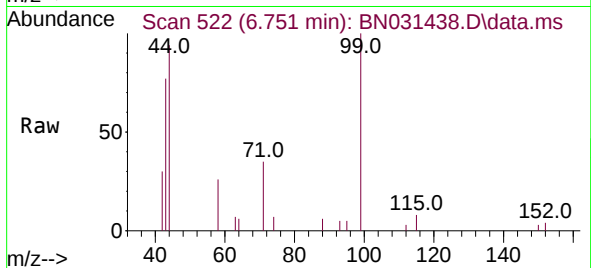




#5
Phenol-d6
Concen: 0.283 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

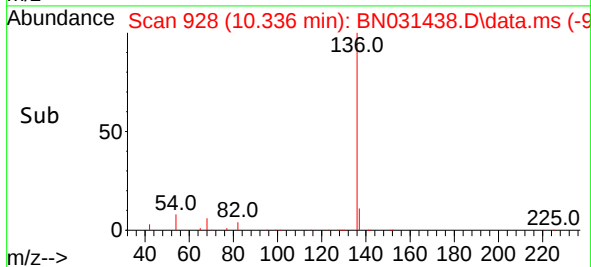
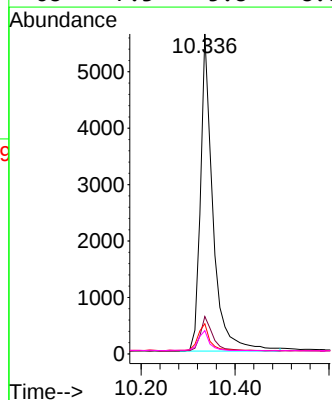
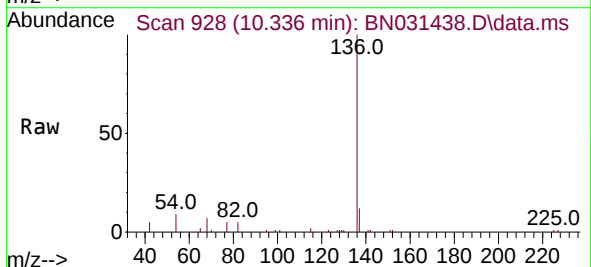
Instrument :
BNA_N
ClientSampleId :
PB160696BL

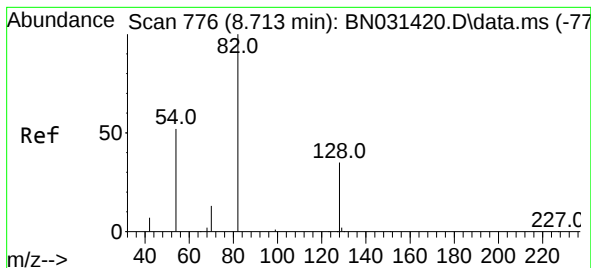
Tgt Ion: 99	Resp: 4041
Ion Ratio	Lower Upper
99	100
42	19.9 15.8 23.8
71	34.4 27.8 41.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

Tgt Ion: 136	Resp: 10314
Ion Ratio	Lower Upper
136	100
137	11.7 9.6 14.4
54	9.4 7.2 10.8
68	7.3 5.8 8.6





#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.723 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN031438.D

Acq: 08 May 2024 14:02

Instrument :

BNA_N

ClientSampleId :

PB160696BL

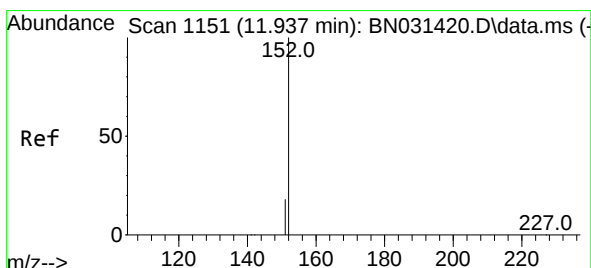
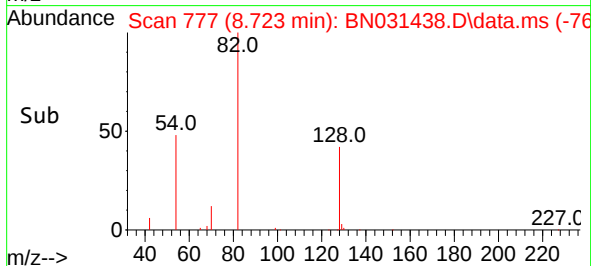
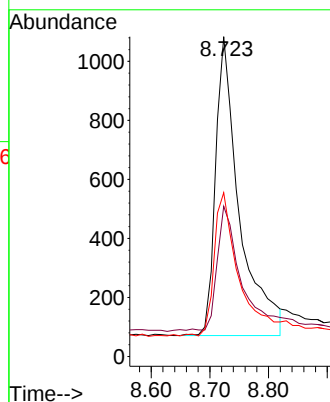
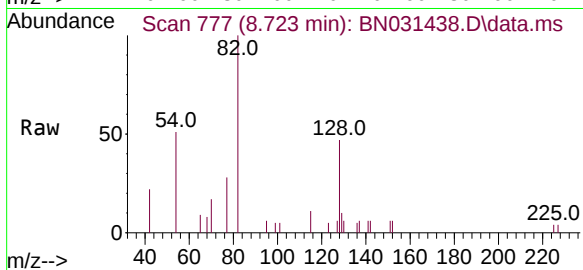
Tgt Ion: 82 Resp: 2860

Ion Ratio Lower Upper

82 100

128 47.0 30.0 45.0#

54 51.2 43.4 65.0



#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.941 min Scan# 1152

Delta R.T. 0.004 min

Lab File: BN031438.D

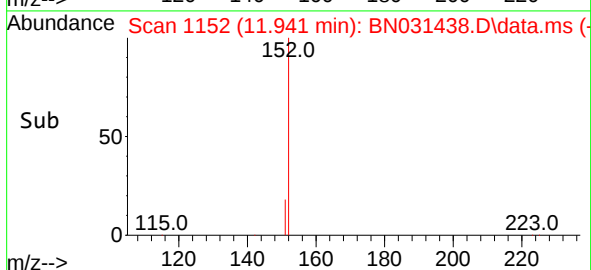
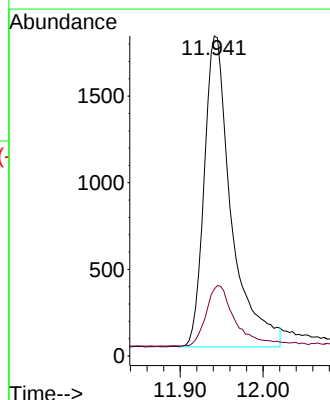
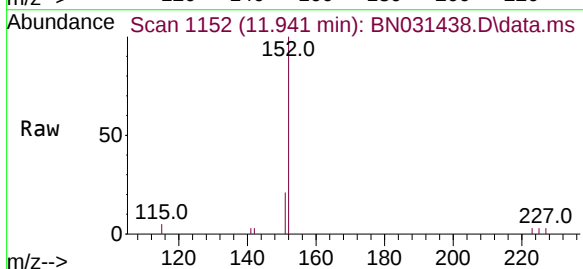
Acq: 08 May 2024 14:02

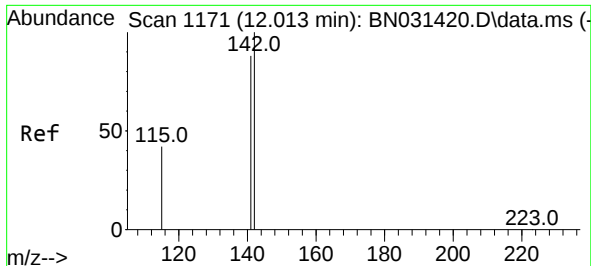
Tgt Ion:152 Resp: 4072

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

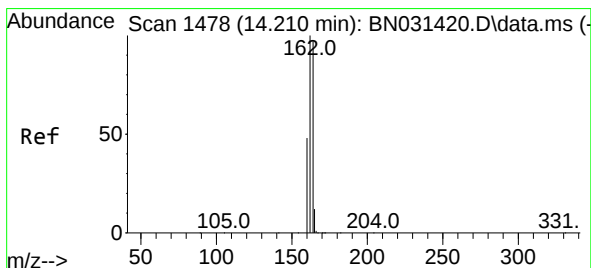
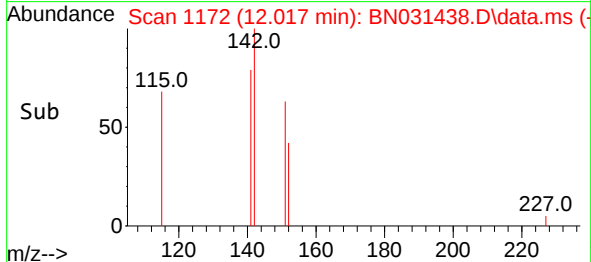
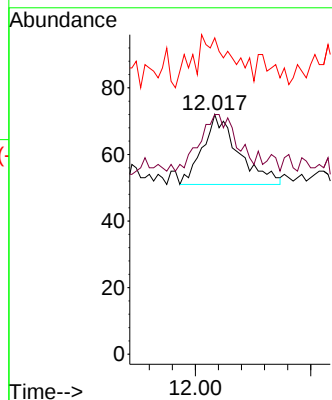
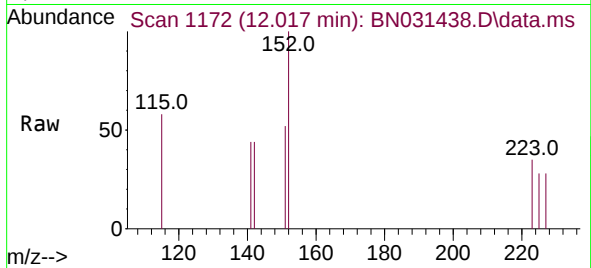




#12
2-Methylnaphthalene
Concen: 0.173 ng
RT: 12.017 min Scan# 1171
Delta R.T. 0.004 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

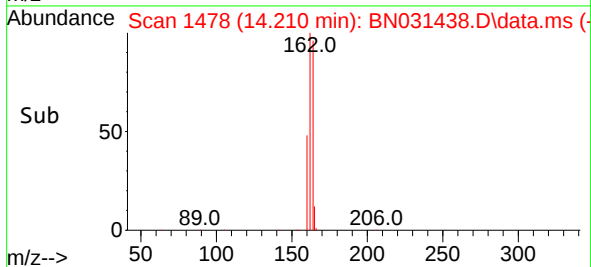
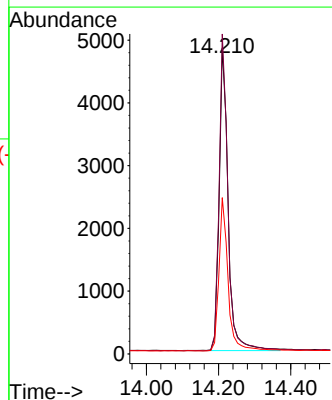
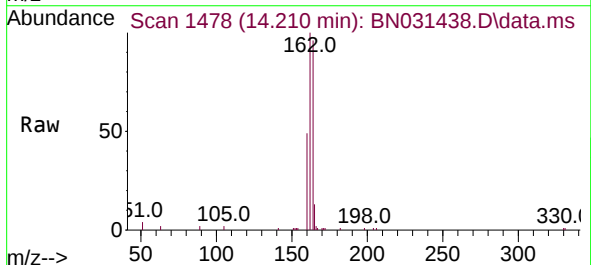
Instrument :
BNA_N
ClientSampleId :
PB160696BL

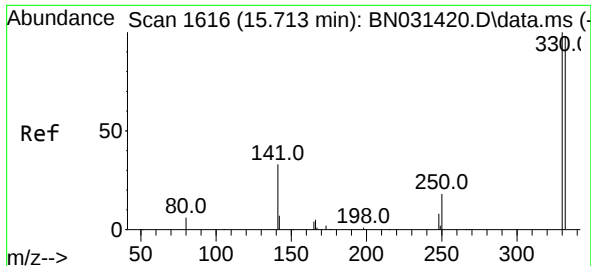
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
141 100.0 70.2 105.2
115 131.9 34.2 51.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

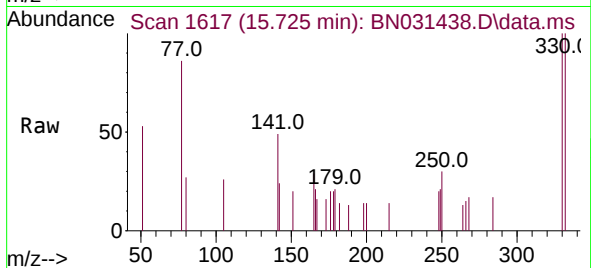
Tgt Ion:164 Resp: 8360
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 51.1 40.2 60.2



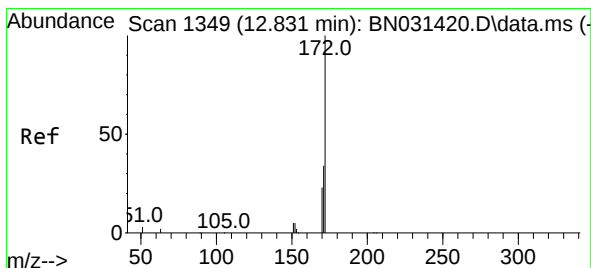
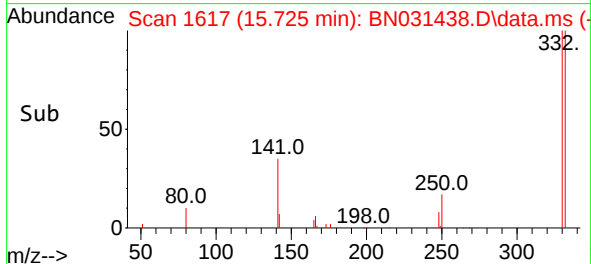
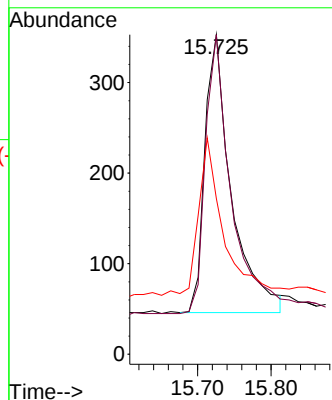


#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.725 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

Instrument :
BNA_N
ClientSampleId :
PB160696BL

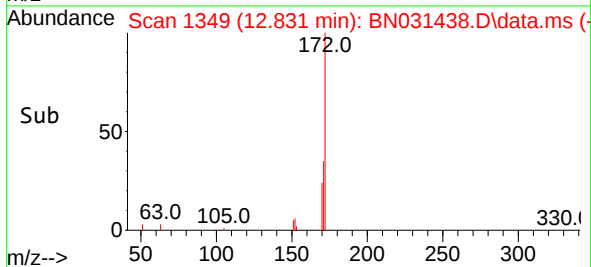
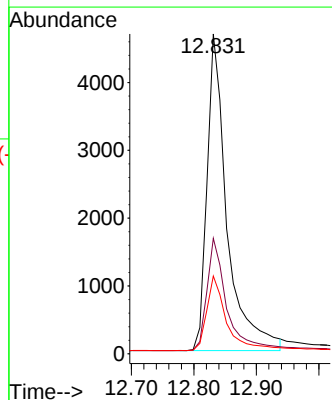
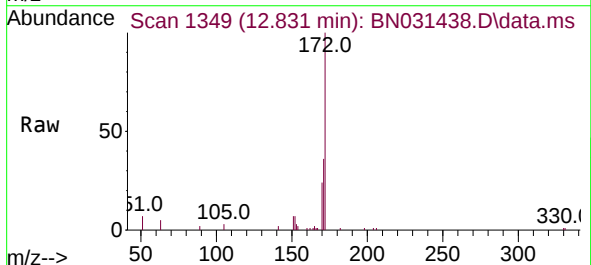


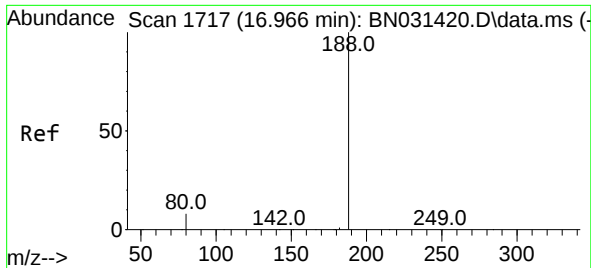
Tgt Ion:330 Resp: 775
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 51.7 39.3 58.9



#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

Tgt Ion:172 Resp: 10426
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 24.3 18.9 28.3

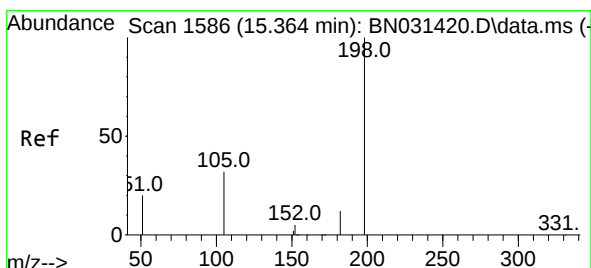
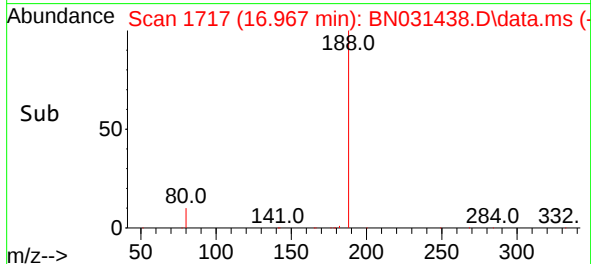
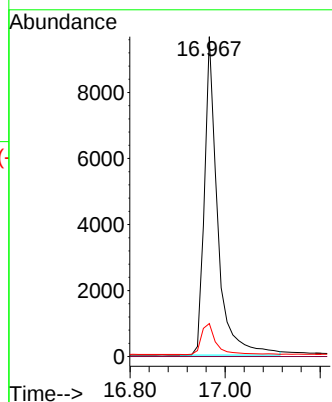
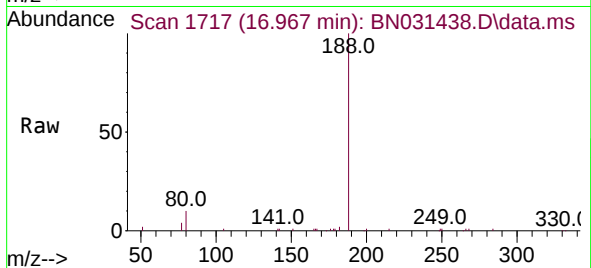




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

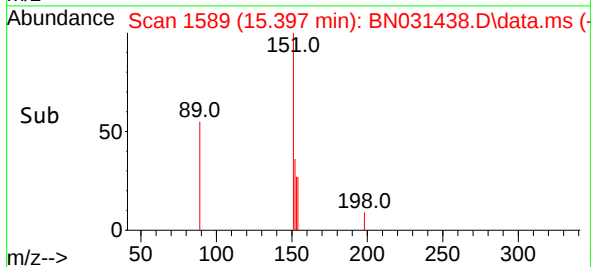
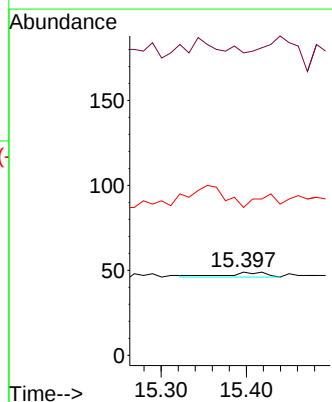
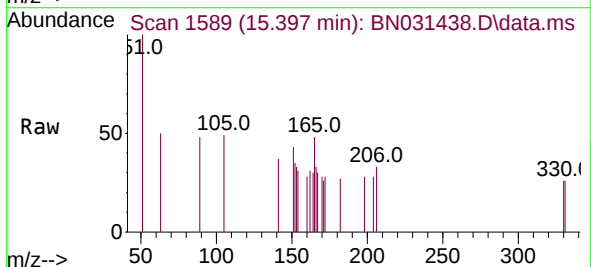
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BNA_N
ClientSampleId :
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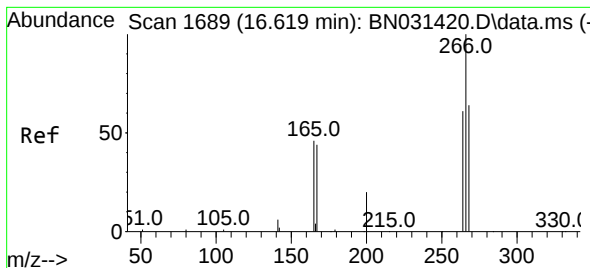
Tgt Ion:188 Resp: 18487
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 6.8 10.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.397 min Scan# 1589
Delta R.T. 0.033 min
Lab File: BN031438.D
Acq: 08 May 2024 14:02

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 363.3 47.4 71.2#
105 177.6 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.164 ng

RT: 16.582 min Scan# 1686

Delta R.T. -0.037 min

Lab File: BN031438.D

Acq: 08 May 2024 14:02

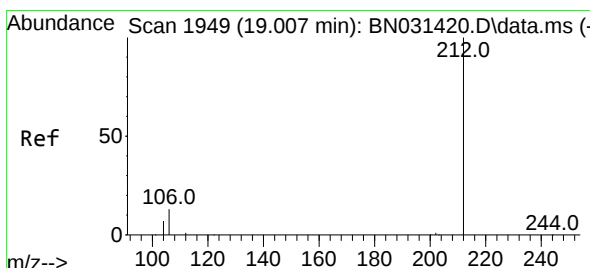
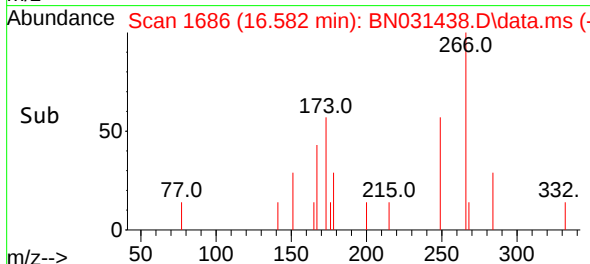
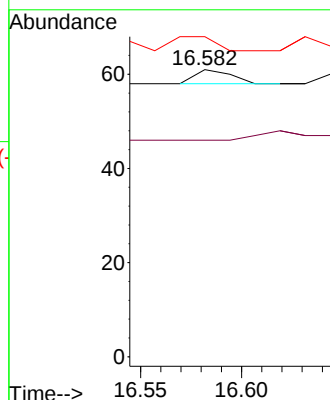
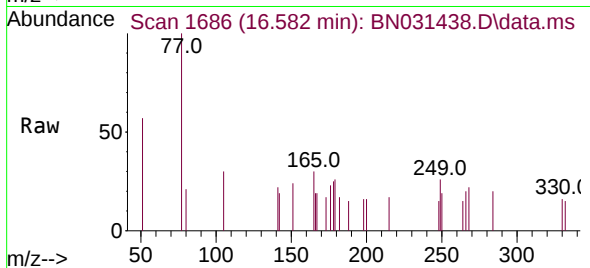
Instrument :

BNA_N

ClientSampleId :

PB160696BL

Tgt Ion:	266	Resp:	4
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.0	73.4#
268	100.0	51.0	76.4#



#27

Fluoranthene-d10

Concen: 0.316 ng

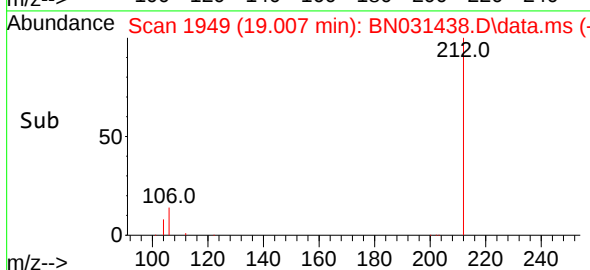
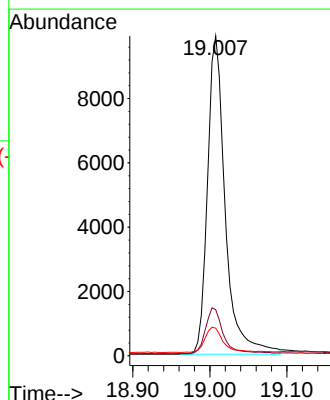
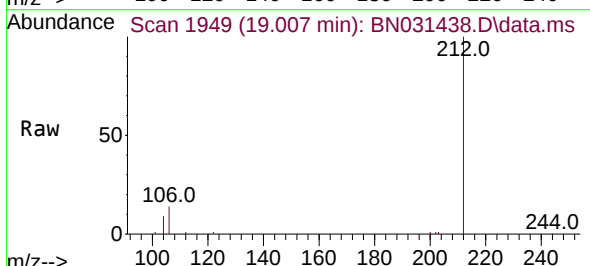
RT: 19.007 min Scan# 1949

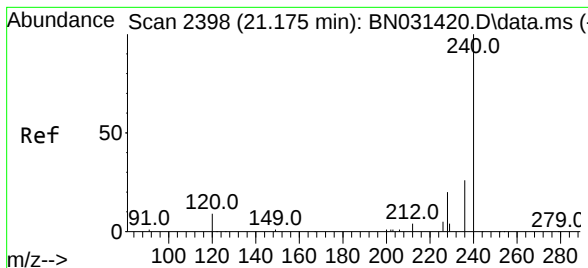
Delta R.T. 0.000 min

Lab File: BN031438.D

Acq: 08 May 2024 14:02

Tgt Ion:	212	Resp:	15803
Ion Ratio	Lower	Upper	
212	100		
106	14.5	11.5	17.3
104	8.3	6.4	9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BN031438.D

Acq: 08 May 2024 14:02

Instrument :

BNA_N

ClientSampleId :

PB160696BL

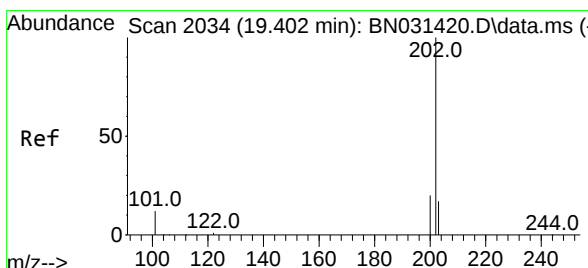
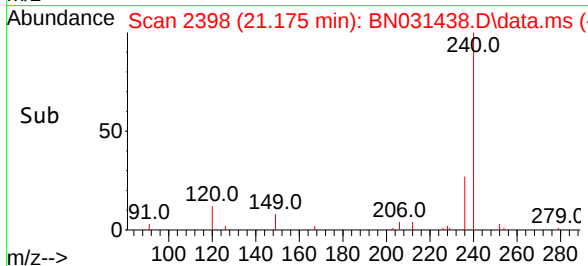
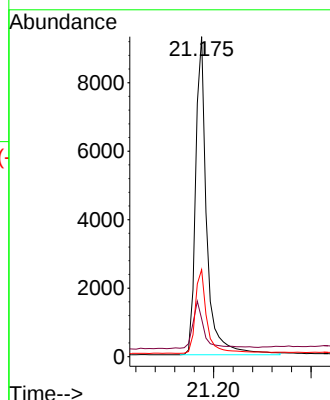
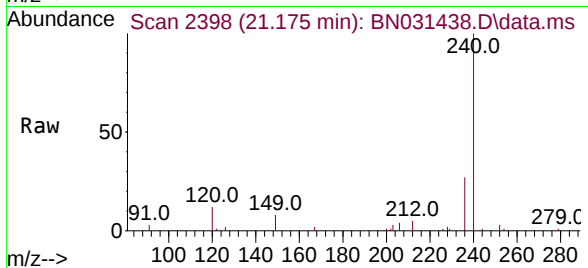
Tgt Ion:240 Resp: 14850

Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

236 27.2 21.4 32.2



#30

Pyrene

Concen: Below Cal

RT: 19.402 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BN031438.D

Acq: 08 May 2024 14:02

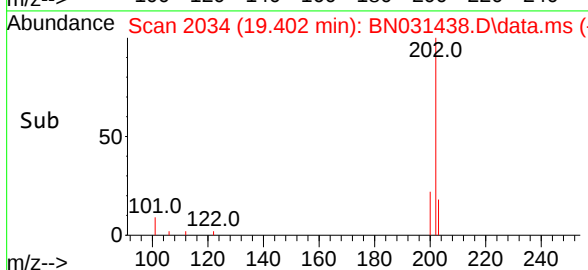
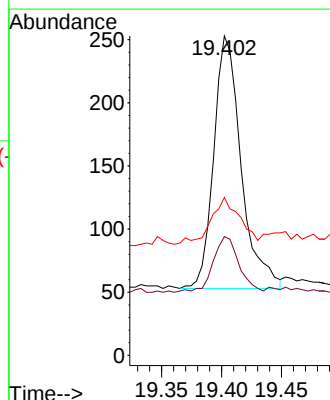
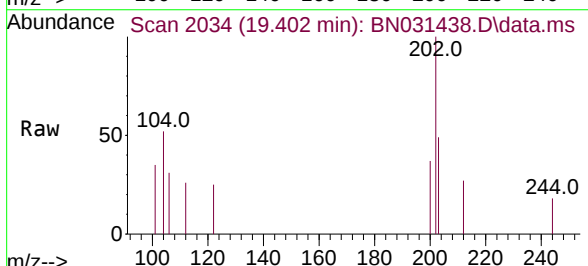
Tgt Ion:202 Resp: 318

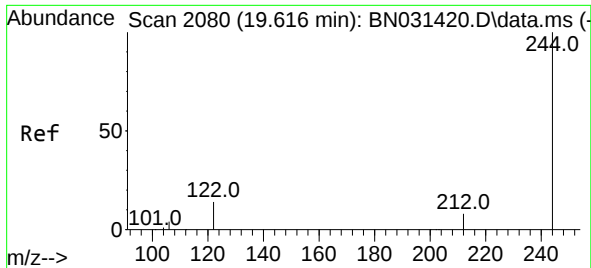
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 19.5 14.3 21.5

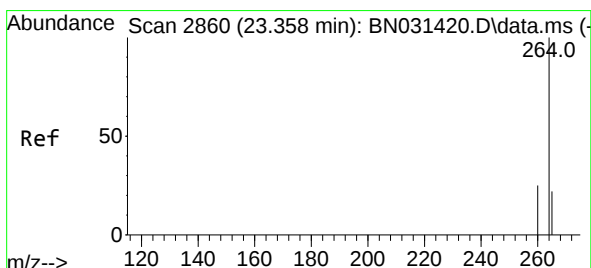
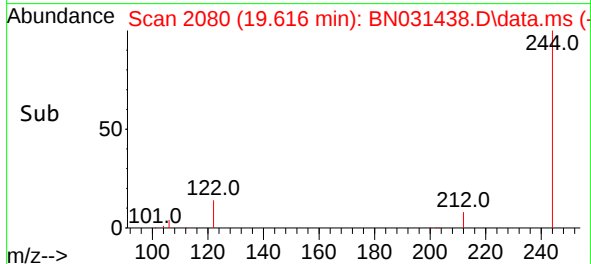
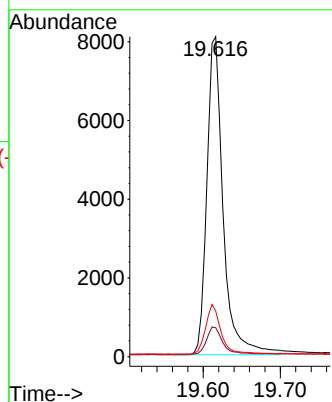
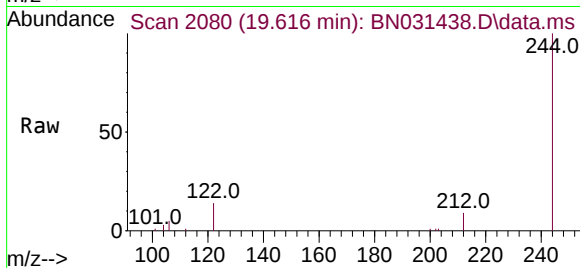




#31
 Terphenyl-d14
 Concen: 0.315 ng
 RT: 19.616 min Scan# 2080
 Delta R.T. 0.000 min
 Lab File: BN031438.D
 Acq: 08 May 2024 14:02

Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL

Tgt Ion:	244	Resp:	11869
Ion Ratio	Lower	Upper	
244	100		
212	9.0	6.9	10.3
122	14.2	11.4	17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.358 min Scan# 2860
 Delta R.T. 0.000 min
 Lab File: BN031438.D
 Acq: 08 May 2024 14:02

Tgt Ion:	264	Resp:	9742
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.2	30.4
265	63.9	43.4	65.2

