

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
 Data File : BN023803.D
 Acq On : 25 Jan 2023 20:36
 Operator : CG/JU
 Sample : 01242-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

Quant Time: Jan 26 00:43:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 26 00:40:21 2023
 Response via : Initial Calibration

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

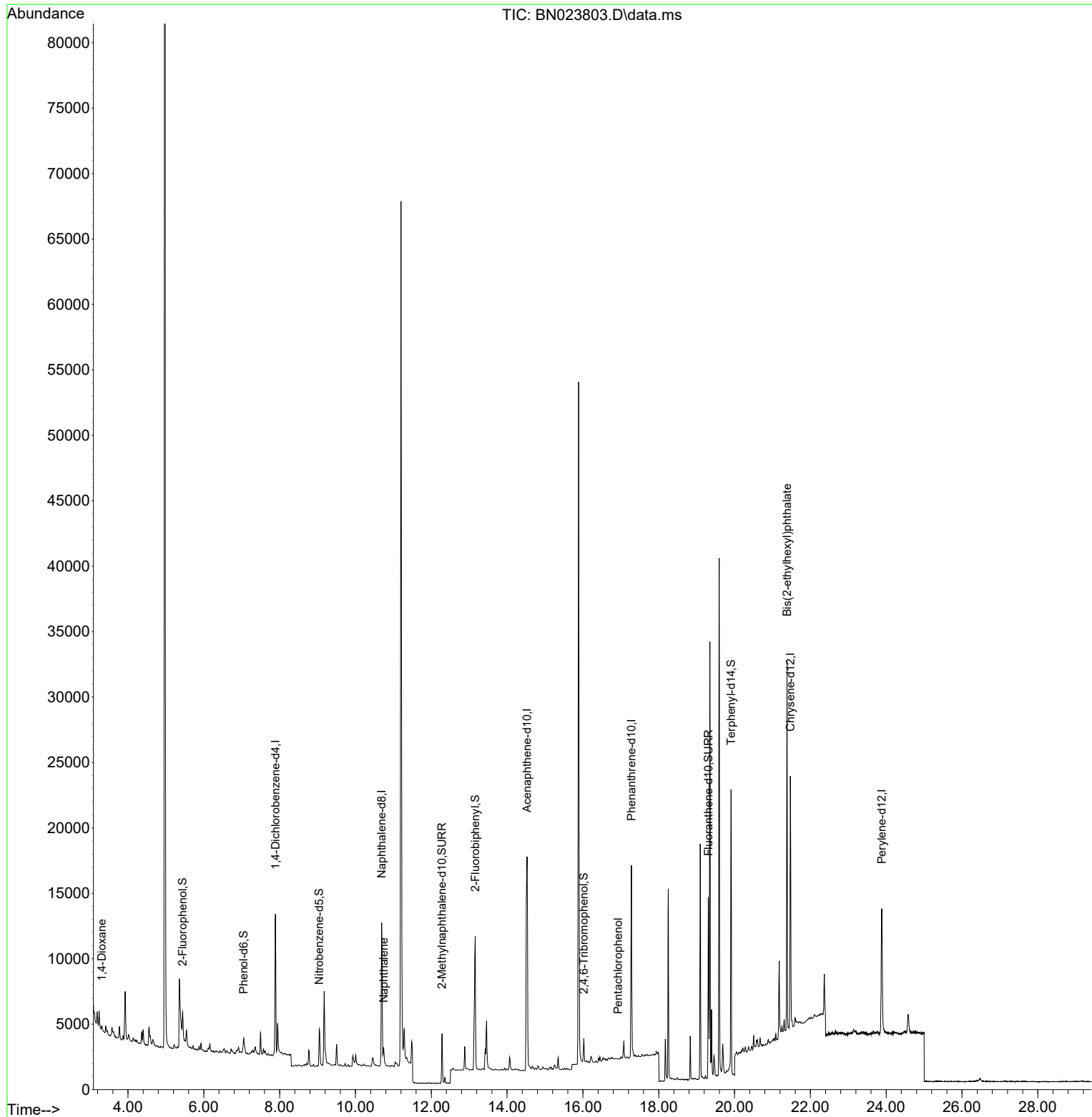
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5374	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	14945	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	7854	0.400	ng	0.00
19) Phenanthrene-d10	17.278	188	18300	0.400	ng	0.00
29) Chrysene-d12	21.473	240	17449	0.400	ng	0.00
35) Perylene-d12	23.884	264	13724	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1405	0.124	ng	0.00
5) Phenol-d6	7.053	99	1079	0.080	ng	0.00
8) Nitrobenzene-d5	9.046	82	2665	0.225	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	5123	0.248	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	1000	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	8615	0.257	ng	0.00
27) Fluoranthene-d10	19.313	212	14853	0.346	ng	0.00
31) Terphenyl-d14	19.907	244	12921	0.470	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	219	0.038	ng	Qvalue # 10
9) Naphthalene	10.744	128	1591	0.041	ng	# 86
24) Pentachlorophenol	16.930	266	22	0.166	ng	87
34) Bis(2-ethylhexyl)phtha...	21.383	149	23559	0.952	ng	98

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

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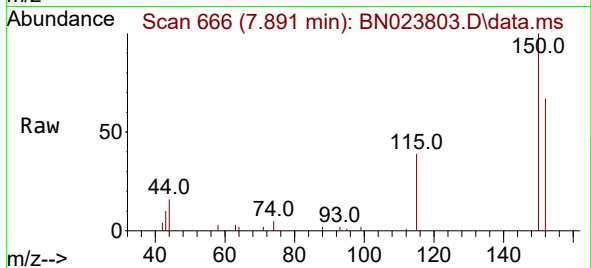
Quant Time: Jan 26 00:43:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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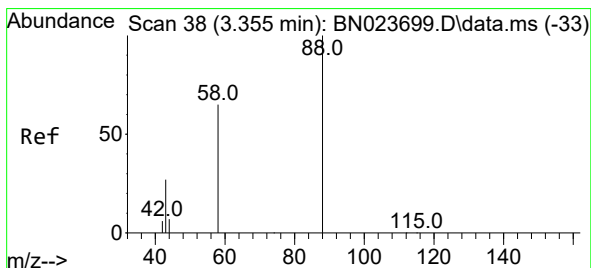
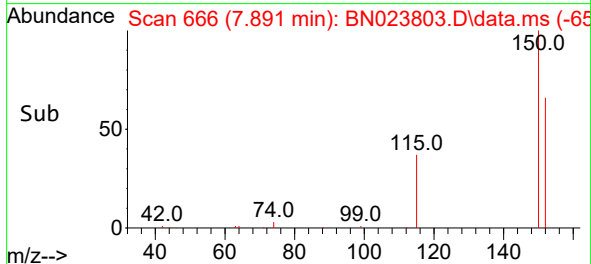
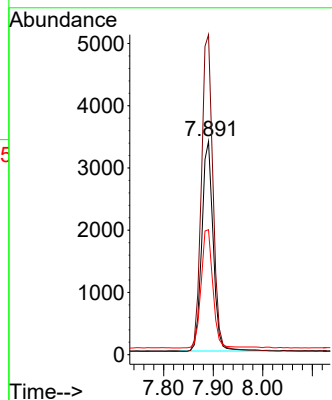


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.891 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN023803.D
 Acq: 25 Jan 2023 20:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

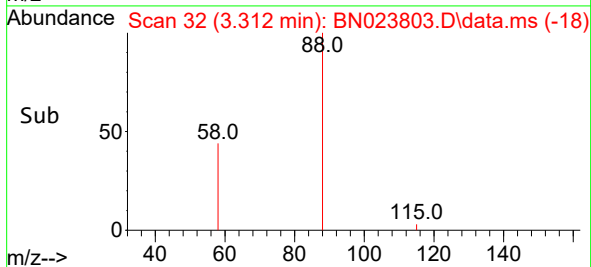
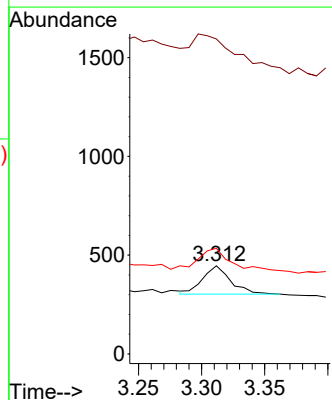
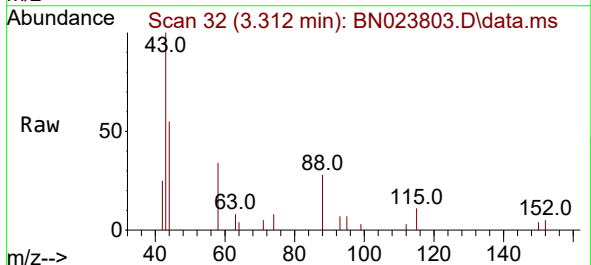


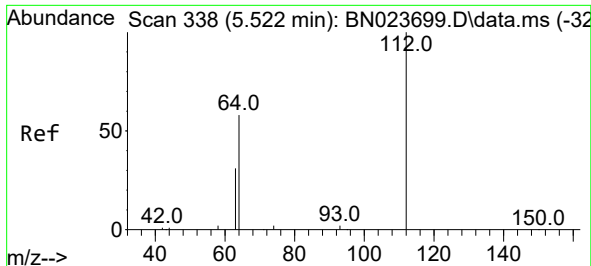
Tgt Ion:152 Resp: 5374
 Ion Ratio Lower Upper
 152 100
 150 150.0 122.4 183.6
 115 58.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.000 min
 Lab File: BN023803.D
 Acq: 25 Jan 2023 20:36

Tgt Ion: 88 Resp: 219
 Ion Ratio Lower Upper
 88 100
 43 172.1 26.8 40.2#
 58 89.0 58.5 87.7#





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.442 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-203-205

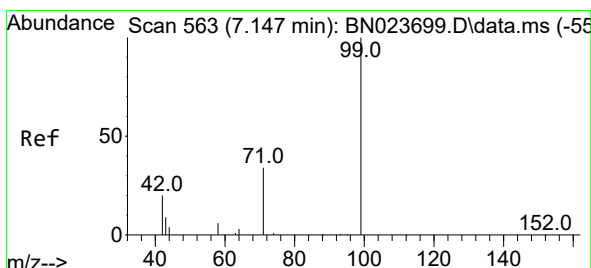
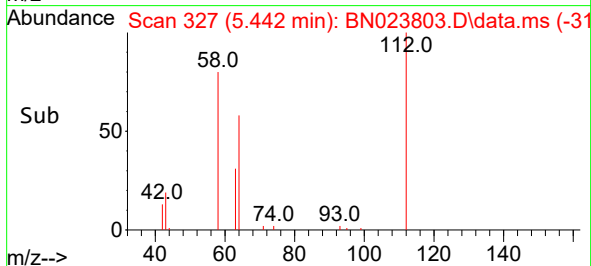
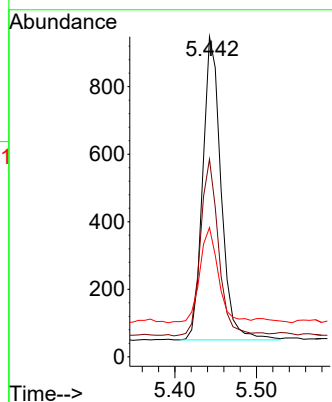
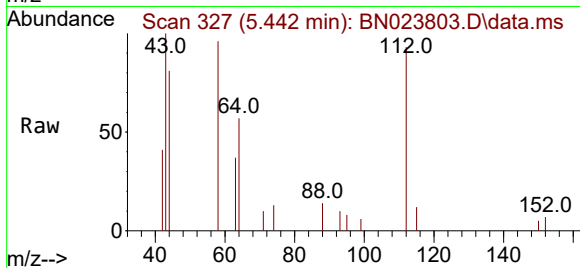
Tgt Ion:112 Resp: 1405

Ion Ratio Lower Upper

112 100

64 57.7 45.8 68.8

63 31.9 25.3 37.9



#5

Phenol-d6

Concen: 0.080 ng

RT: 7.053 min Scan# 550

Delta R.T. -0.000 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

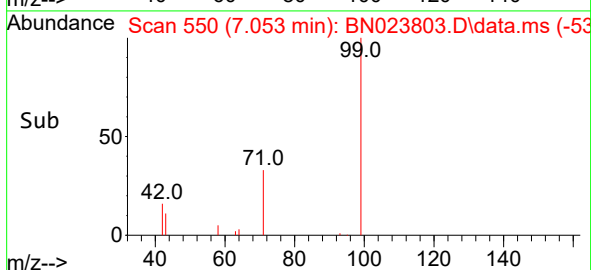
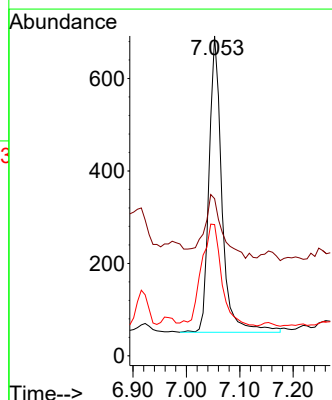
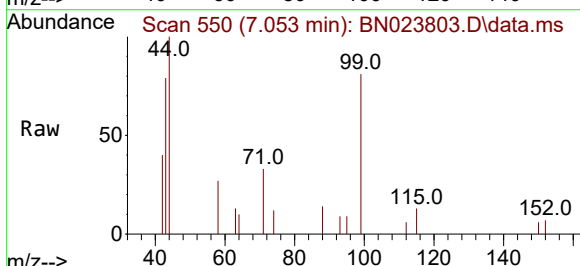
Tgt Ion: 99 Resp: 1079

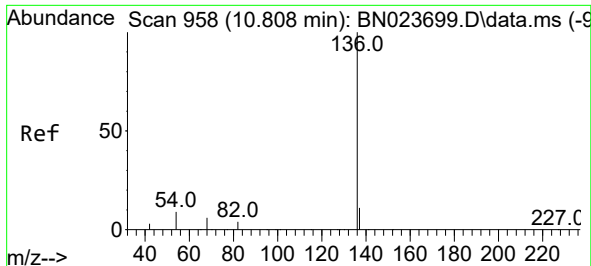
Ion Ratio Lower Upper

99 100

42 29.6 19.4 29.0#

71 53.6 28.7 43.1#

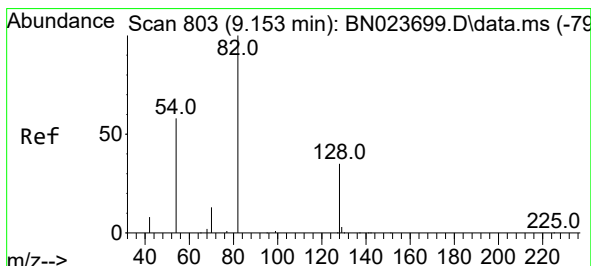
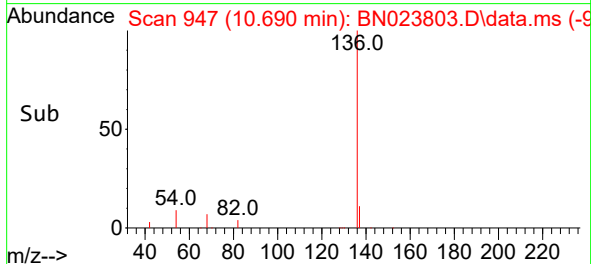
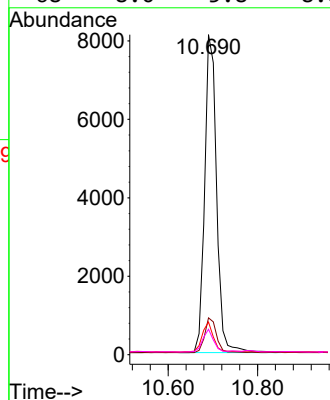
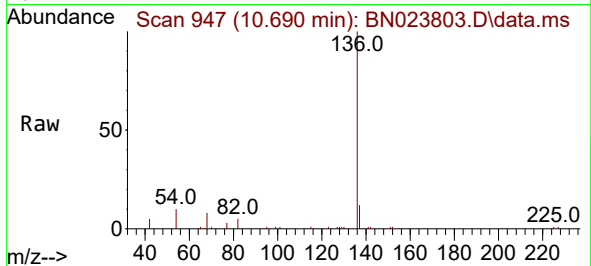




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

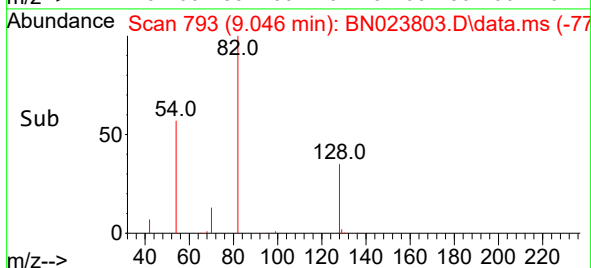
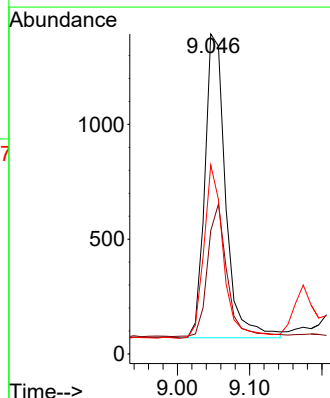
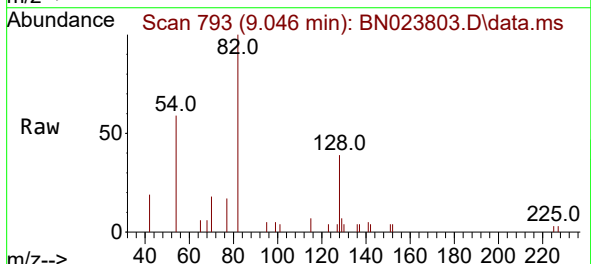
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-203-205

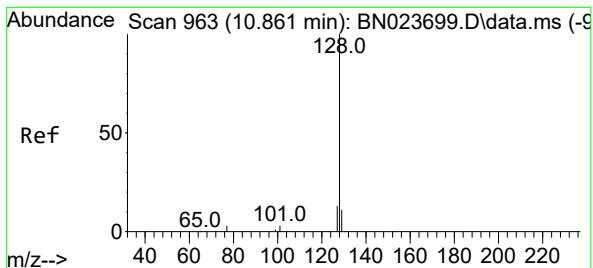
Tgt Ion:136	Resp:	14945
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	10.2	7.5 11.3
68	8.0	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 9.046 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

Tgt Ion: 82	Resp:	2665
Ion Ratio	Lower	Upper
82	100	
128	38.5	30.2 45.2
54	59.0	47.3 70.9





#9

Naphthalene

Concen: 0.041 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-203-205

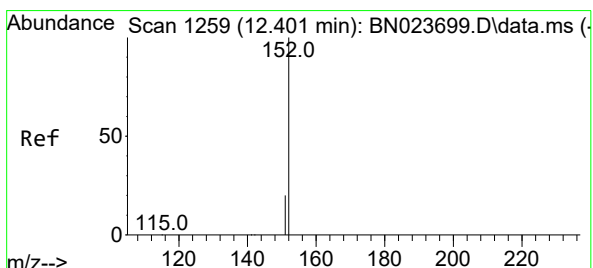
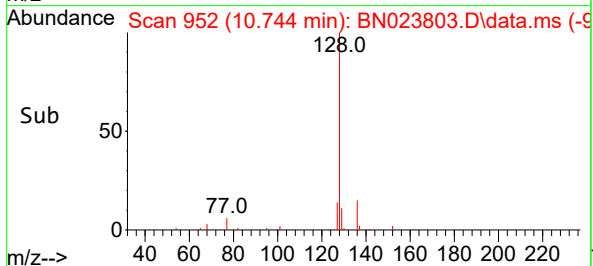
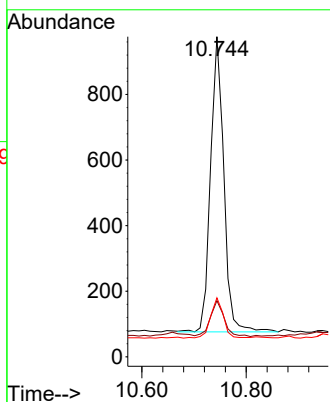
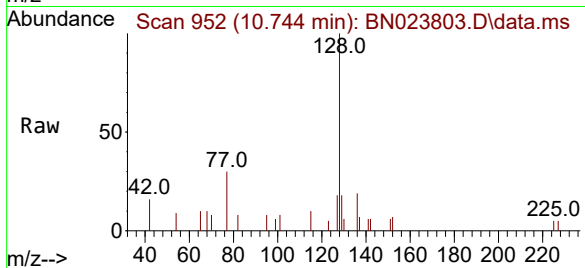
Tgt Ion:128 Resp: 1591

Ion Ratio Lower Upper

128 100

129 17.5 9.2 13.8#

127 18.4 10.9 16.3#



#11

2-Methylnaphthalene-d10

Concen: 0.248 ng

RT: 12.284 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BN023803.D

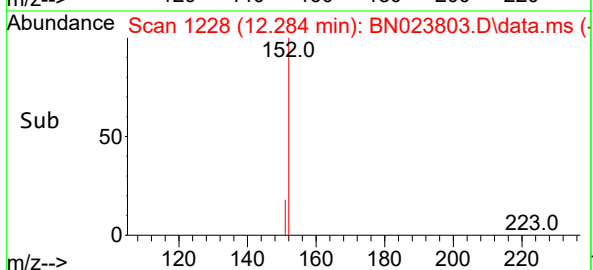
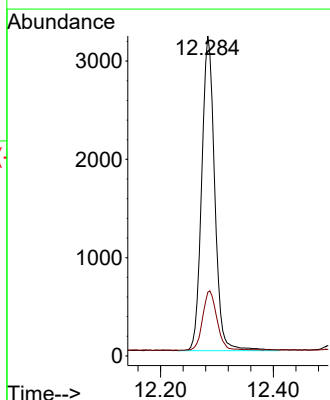
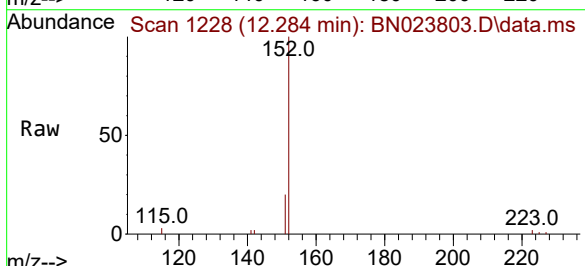
Acq: 25 Jan 2023 20:36

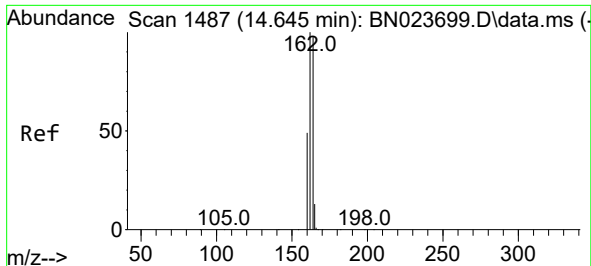
Tgt Ion:152 Resp: 5123

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

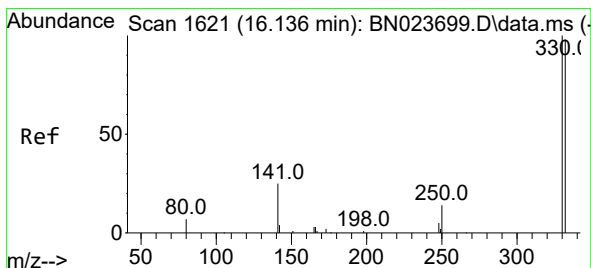
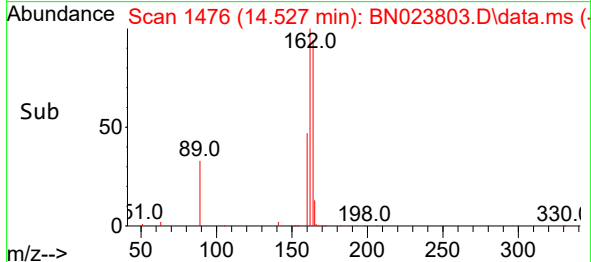
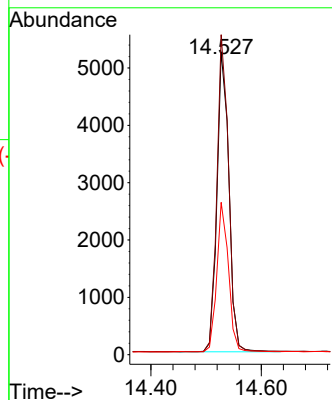
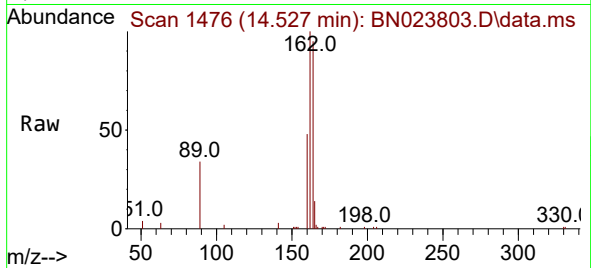




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

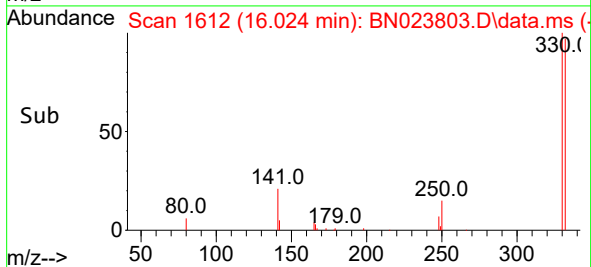
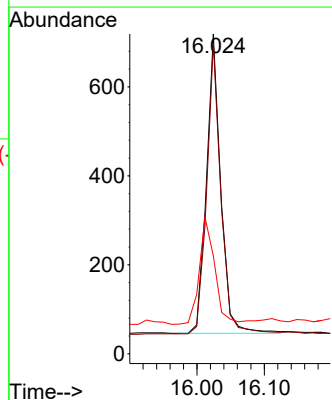
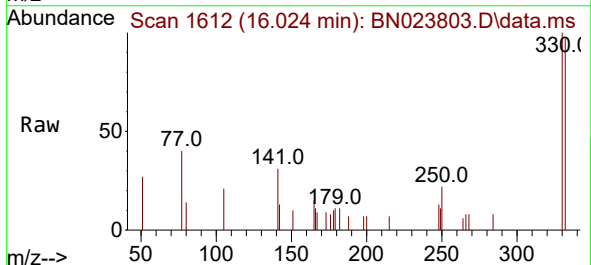
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-203-205

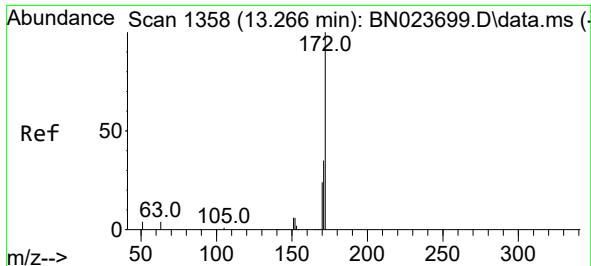
Tgt Ion:164 Resp: 7854
Ion Ratio Lower Upper
164 100
162 105.7 81.8 122.6
160 50.4 40.3 60.5



#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 16.024 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

Tgt Ion:330 Resp: 1000
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 38.7 35.0 52.4

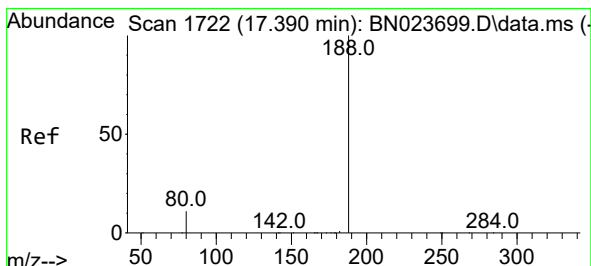
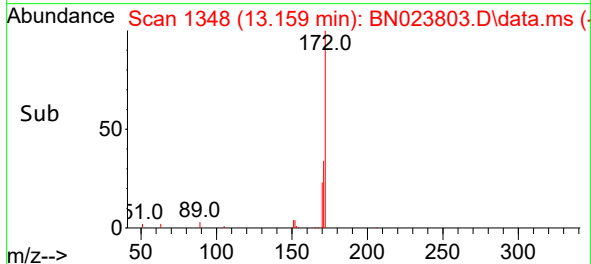
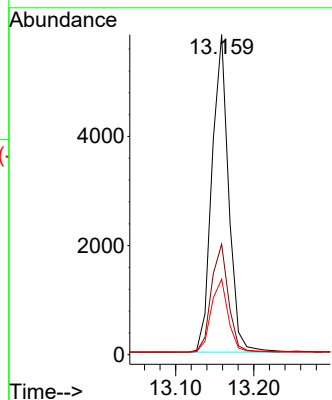
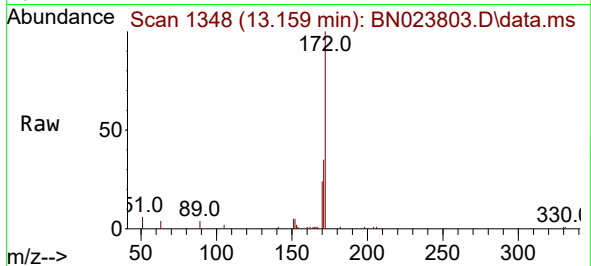




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

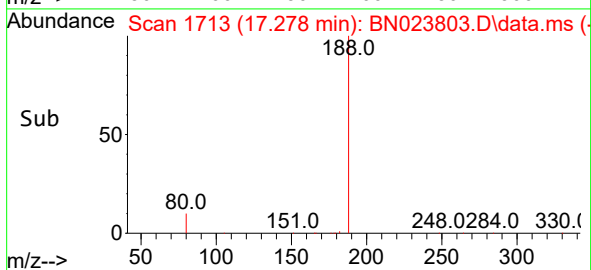
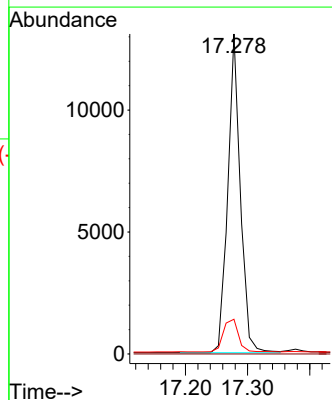
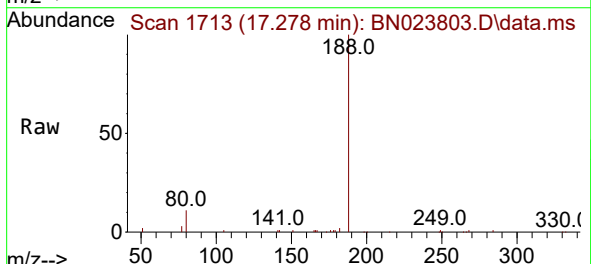
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-203-205

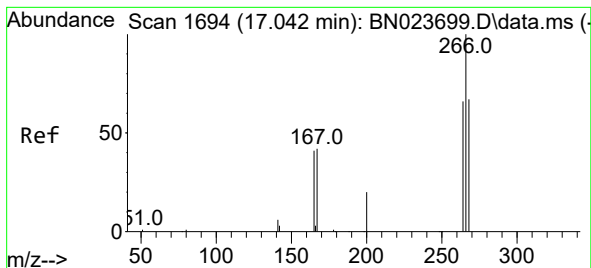
Tgt Ion:172 Resp: 8615
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 23.6 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.278 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

Tgt Ion:188 Resp: 18300
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.5 14.3





#24

Pentachlorophenol

Concen: 0.166 ng

RT: 16.930 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-203-205

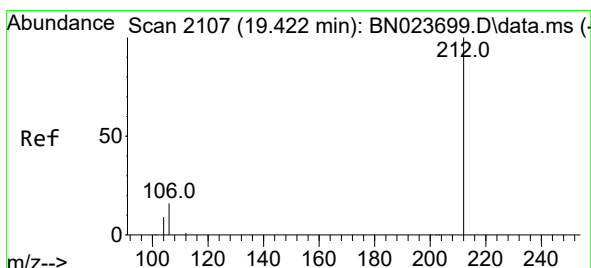
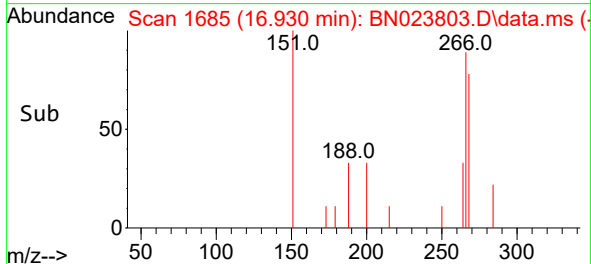
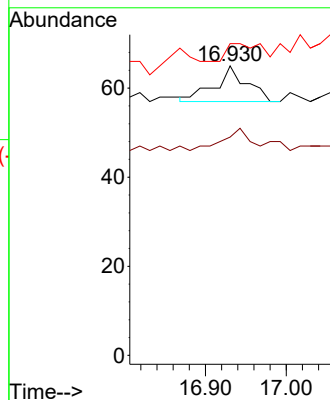
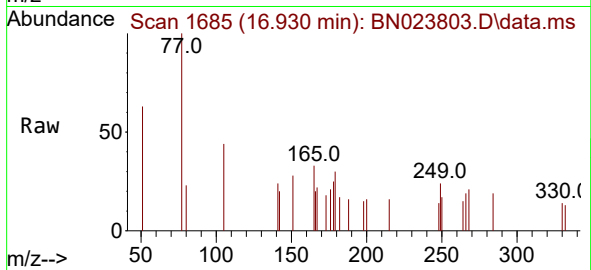
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 54.5 51.4 77.2

268 54.5 52.3 78.5



#27

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.313 min Scan# 2081

Delta R.T. 0.004 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

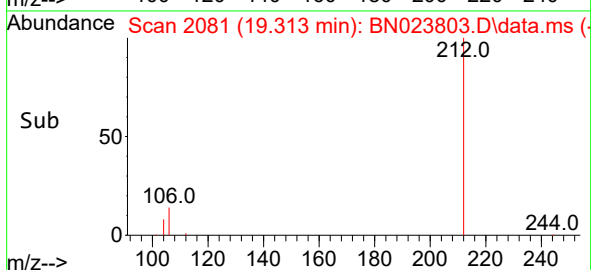
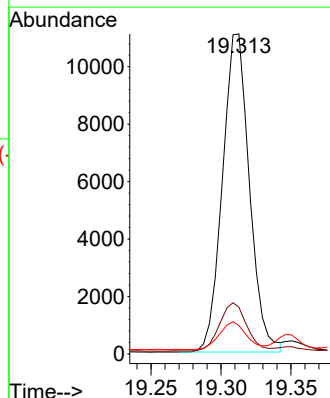
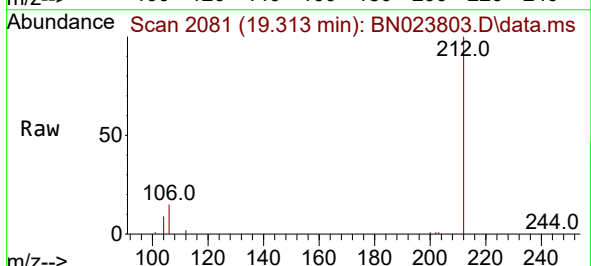
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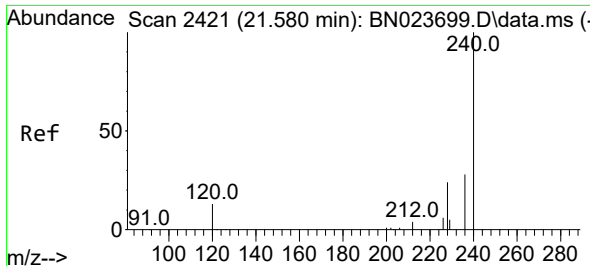
Ion Ratio Lower Upper

212 100

106 15.1 12.4 18.6

104 8.6 7.1 10.7

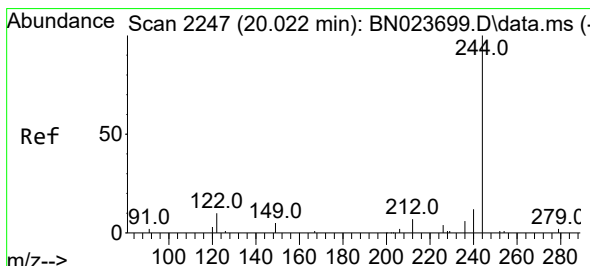
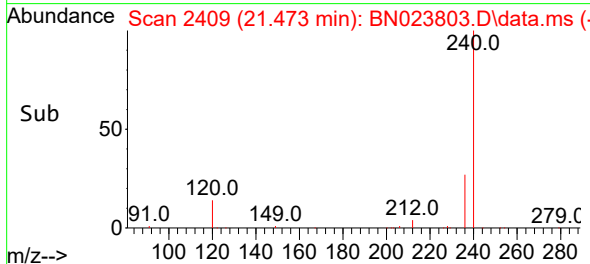
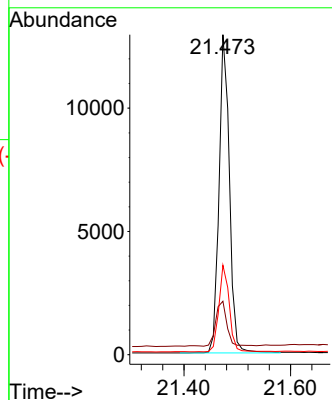
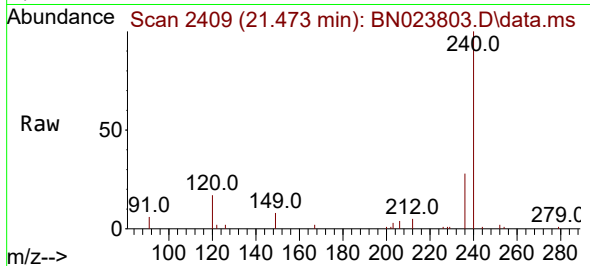




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.473 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

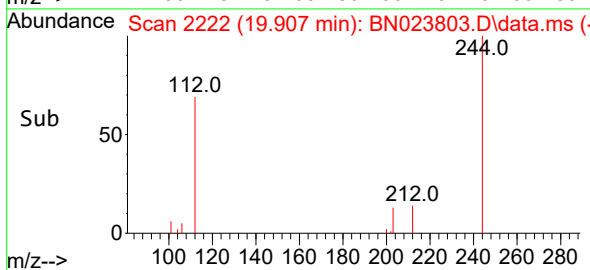
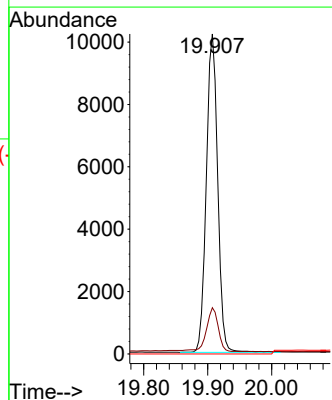
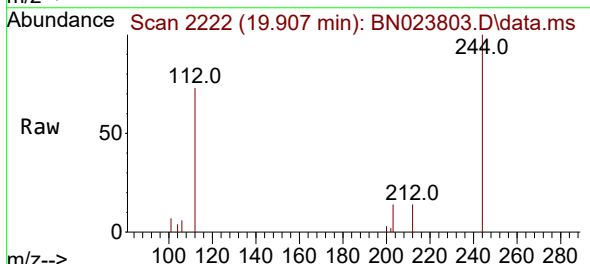
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-203-205

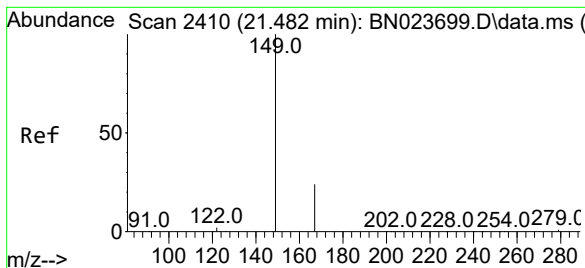
Tgt Ion:240 Resp: 17449
Ion Ratio Lower Upper
240 100
120 16.7 12.0 18.0
236 27.9 22.8 34.2



#31
Terphenyl-d14
Concen: 0.470 ng
RT: 19.907 min Scan# 2222
Delta R.T. -0.000 min
Lab File: BN023803.D
Acq: 25 Jan 2023 20:36

Tgt Ion:244 Resp: 12921
Ion Ratio Lower Upper
244 100
212 14.4 6.5 9.7#
122 0.0 7.6 11.4#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.952 ng

RT: 21.383 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-203-205

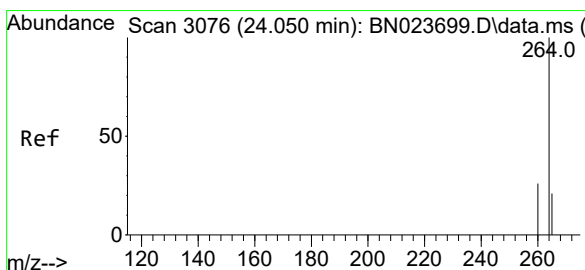
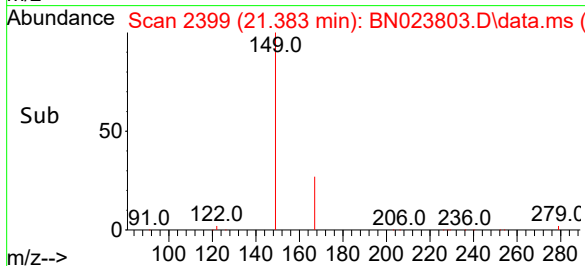
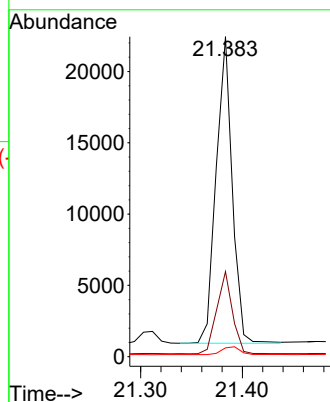
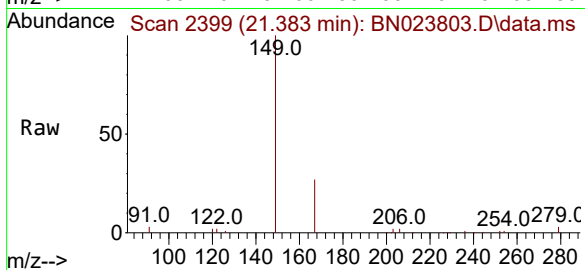
Tgt Ion:149 Resp: 23559

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

279 3.2 2.5 3.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.884 min Scan# 3019

Delta R.T. -0.012 min

Lab File: BN023803.D

Acq: 25 Jan 2023 20:36

Tgt Ion:264 Resp: 13724

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.6

265 60.6 49.9 74.9

