

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025560.D
 Acq On : 23 May 2023 05:48
 Operator : CG/JU
 Sample : 02852-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-11.5-051823

Quant Time: May 23 06:24:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

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

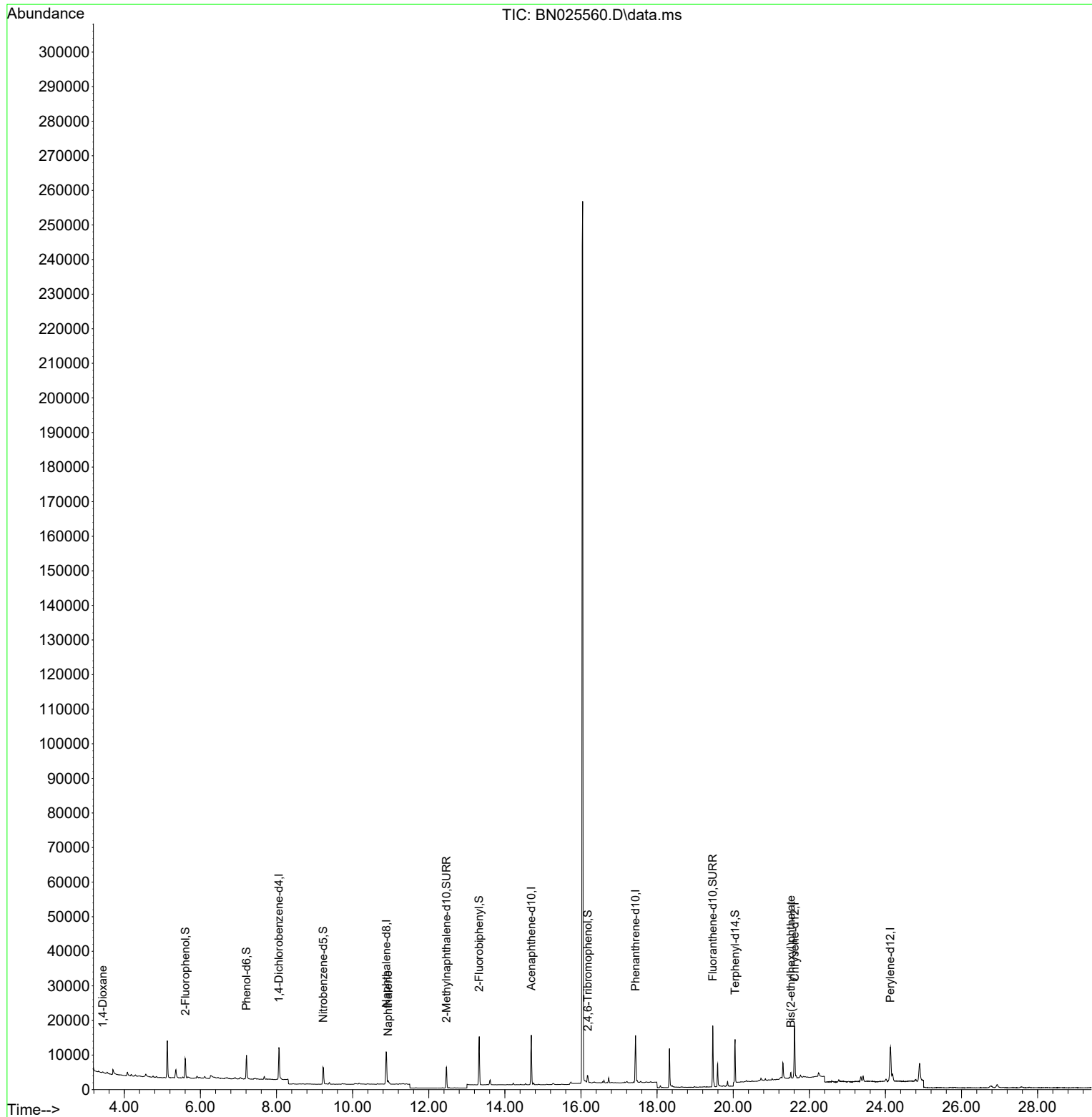
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4642	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	13685	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7893	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	17731	0.400	ng	0.00
29) Chrysene-d12	21.616	240	14377	0.400	ng	0.00
35) Perylene-d12	24.132	264	15871	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	4711	0.394	ng	0.00
5) Phenol-d6	7.211	99	6278	0.417	ng	0.00
8) Nitrobenzene-d5	9.223	82	4316	0.343	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	8119	0.404	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1163	0.353	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11834	0.346	ng	0.00
27) Fluoranthene-d10	19.465	212	17589	0.419	ng	0.00
31) Terphenyl-d14	20.049	244	9492	0.319	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.433	88	123	0.023	ng	# 1
9) Naphthalene	10.931	128	1399	0.037	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.518	149	1998	0.056	ng	# 95

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

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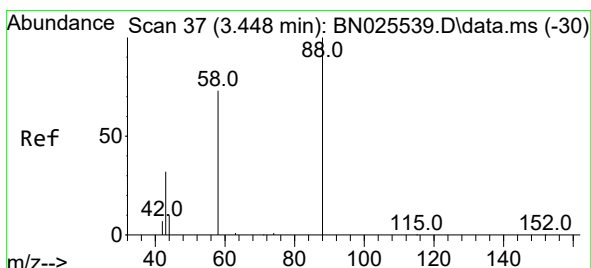
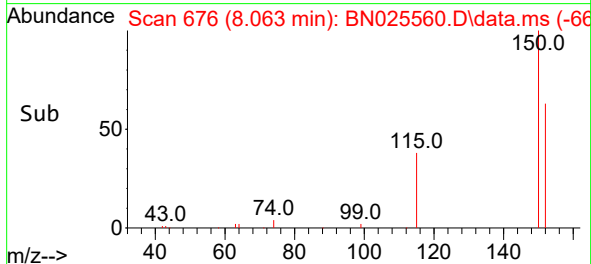
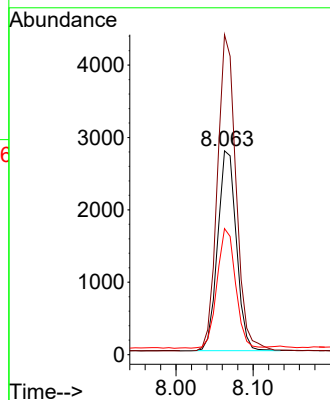
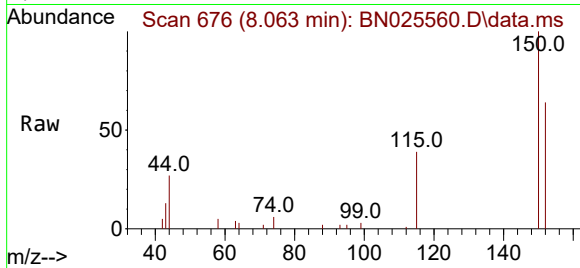




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

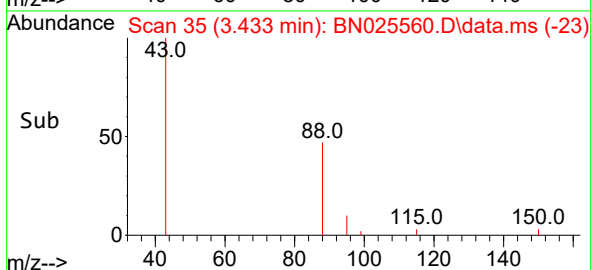
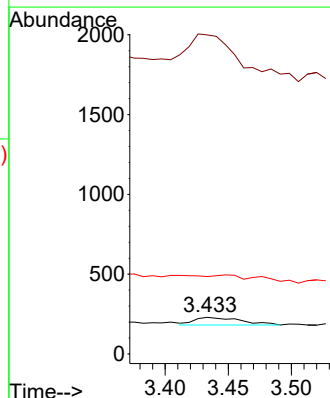
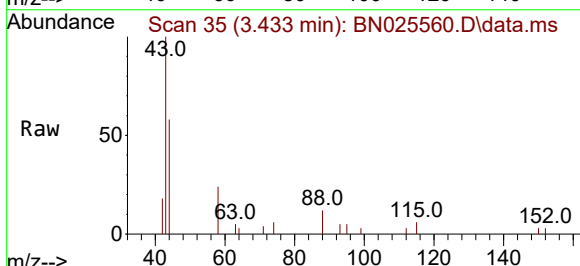
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-11.5-051823

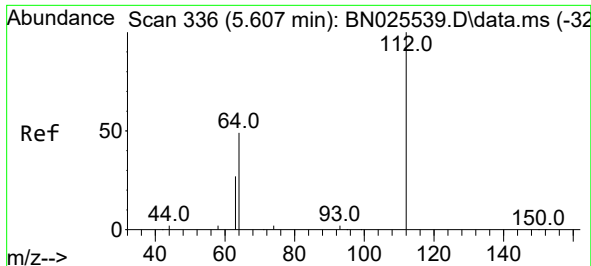
Tgt Ion:152 Resp: 4642
Ion Ratio Lower Upper
152 100
150 157.0 124.6 187.0
115 61.8 49.1 73.7



#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.433 min Scan# 35
Delta R.T. -0.014 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 517.1 25.8 38.8#
58 0.0 54.9 82.3#

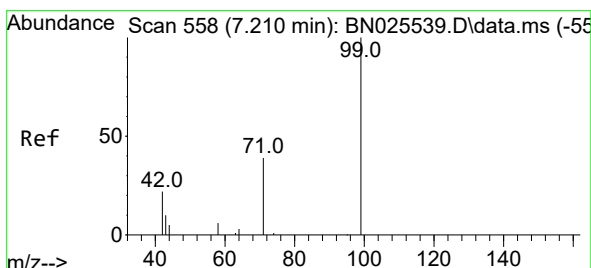
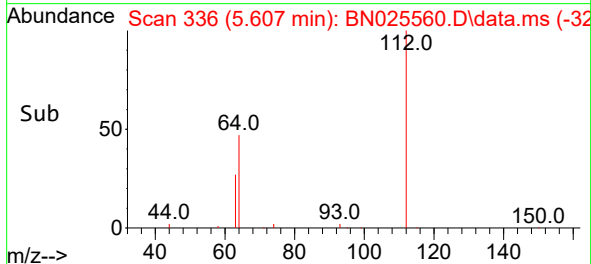
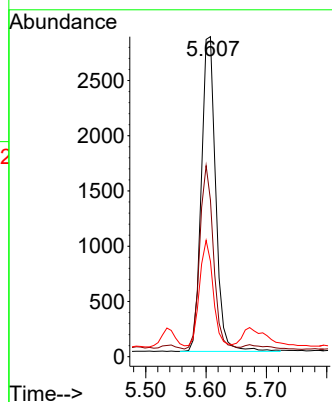
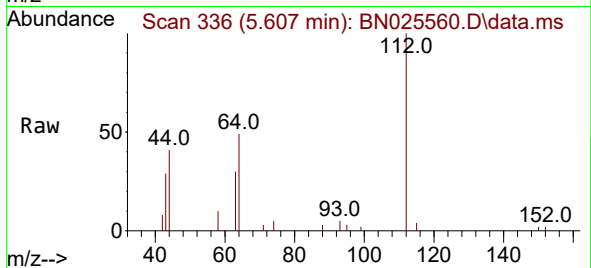




#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.607 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

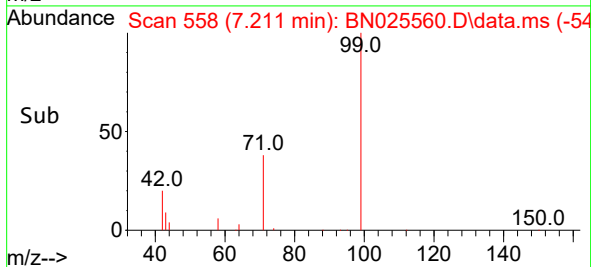
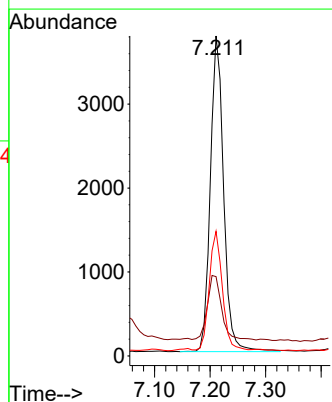
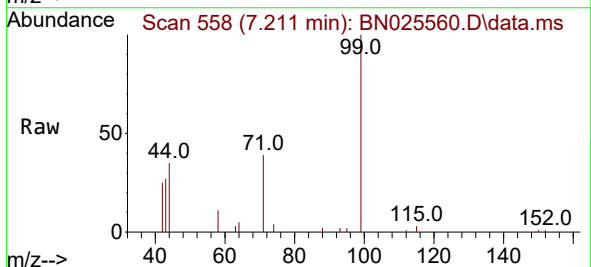
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-11.5-051823

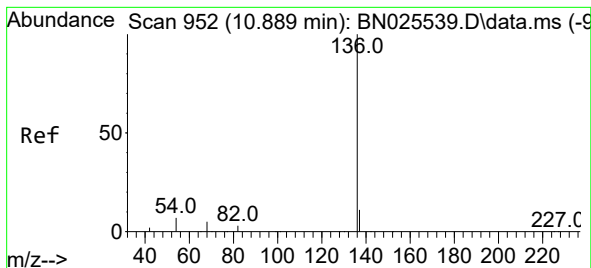
Tgt Ion:112 Resp: 4711
Ion Ratio Lower Upper
112 100
64 55.1 44.2 66.4
63 31.1 25.4 38.2



#5
Phenol-d6
Concen: 0.417 ng
RT: 7.211 min Scan# 558
Delta R.T. 0.000 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

Tgt Ion: 99 Resp: 6278
Ion Ratio Lower Upper
99 100
42 22.2 17.5 26.3
71 36.5 30.1 45.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.889 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-11.5-051823

Tgt Ion:136 Resp: 13685

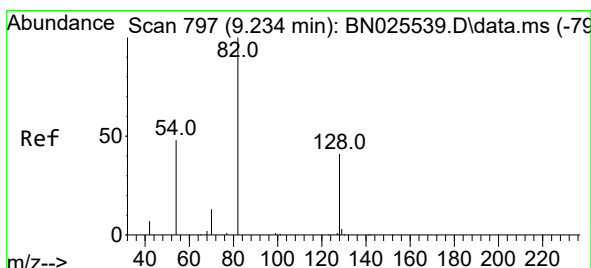
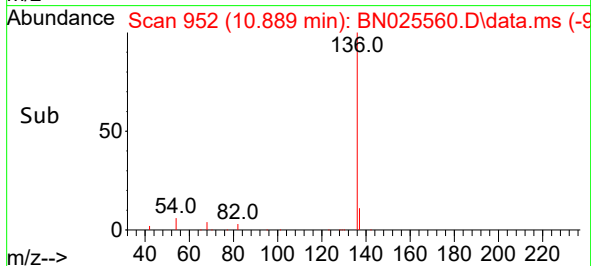
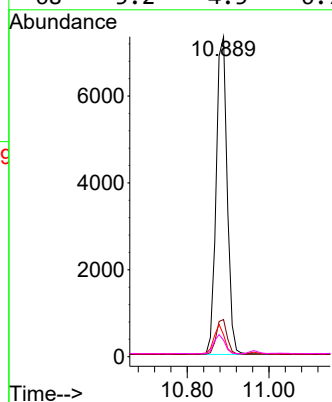
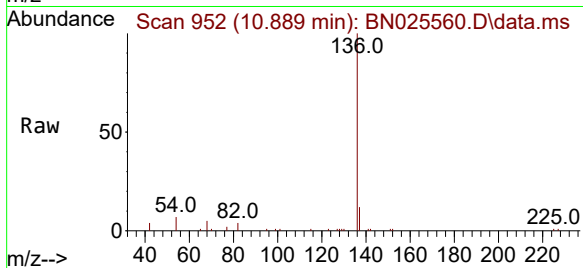
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 6.8 6.2 9.4

68 5.2 4.5 6.7



#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 9.223 min Scan# 796

Delta R.T. -0.011 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

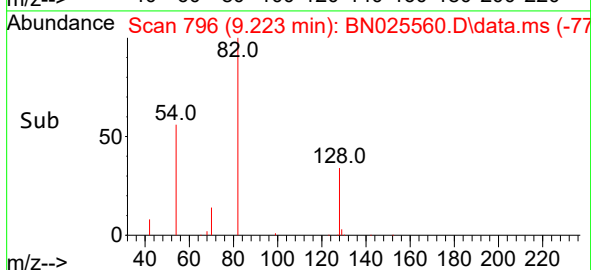
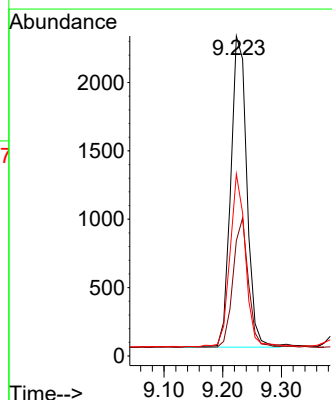
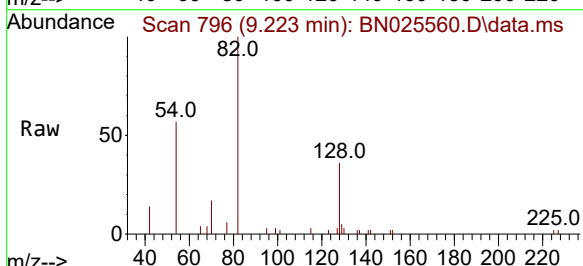
Tgt Ion: 82 Resp: 4316

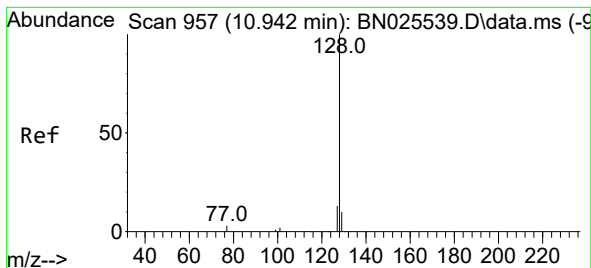
Ion Ratio Lower Upper

82 100

128 36.1 33.8 50.8

54 56.8 39.8 59.6





#9

Naphthalene

Concen: 0.037 ng

RT: 10.931 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

Instrument :

BNA_N

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CB-32-G3-SO-11.5-051823

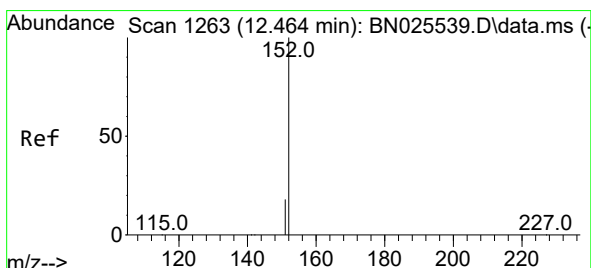
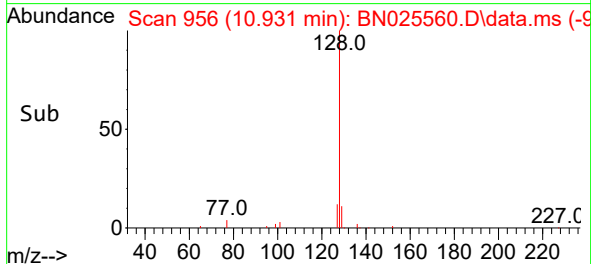
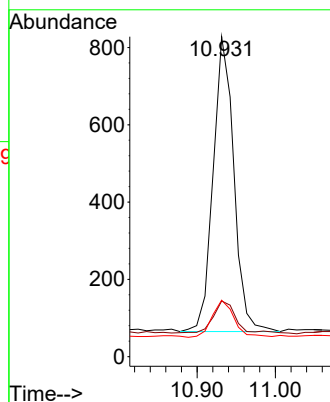
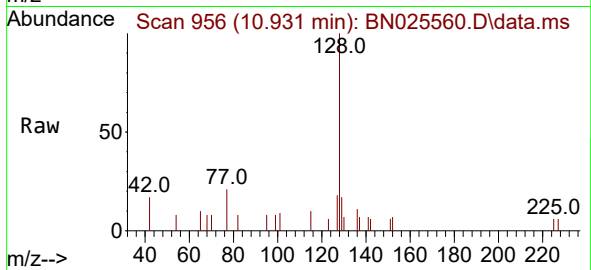
Tgt Ion:128 Resp: 1399

Ion Ratio Lower Upper

128 100

129 17.4 8.8 13.2#

127 17.6 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.464 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BN025560.D

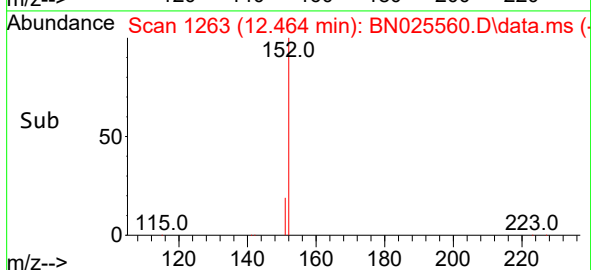
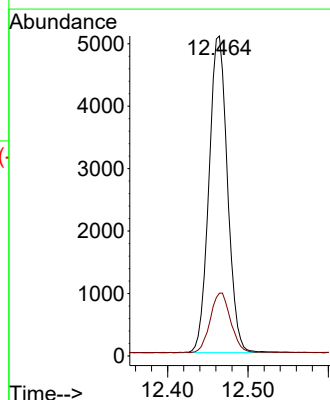
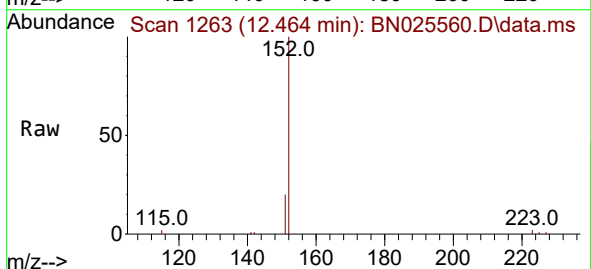
Acq: 23 May 2023 05:48

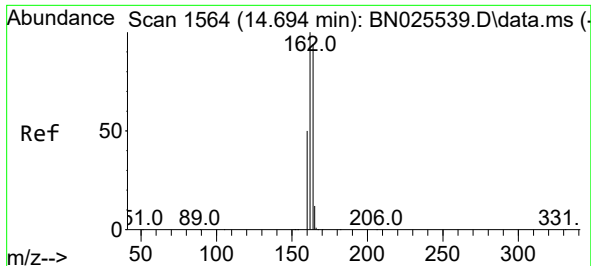
Tgt Ion:152 Resp: 8119

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

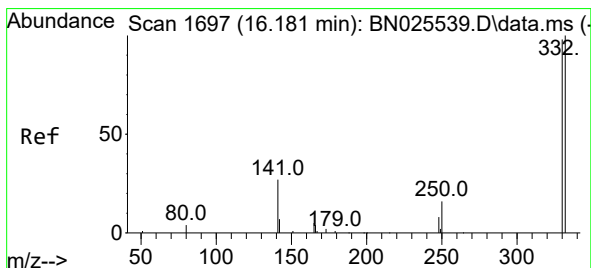
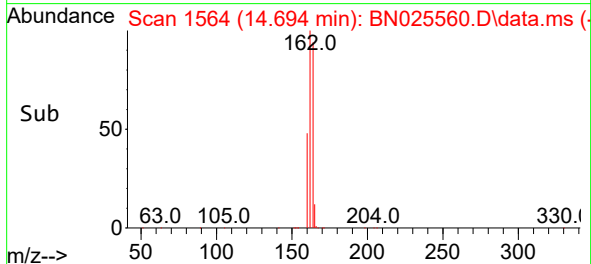
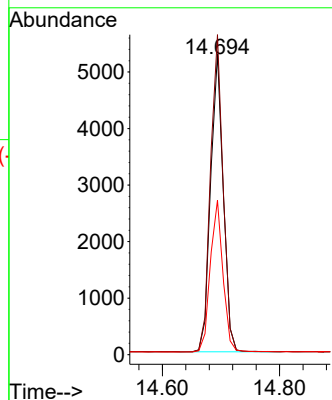
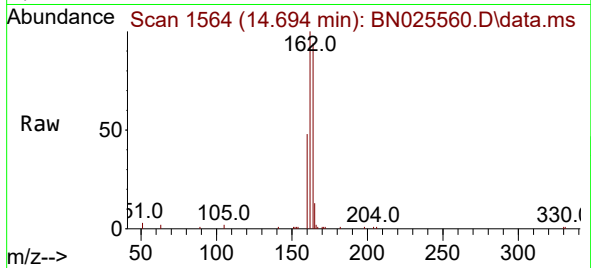




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

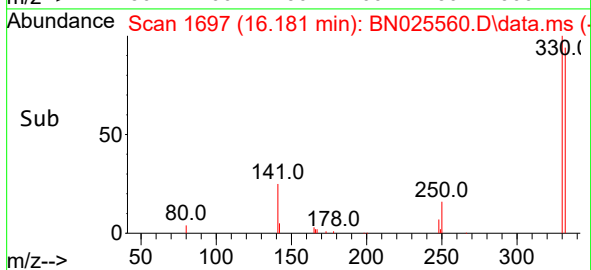
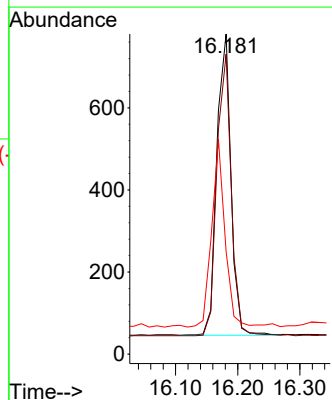
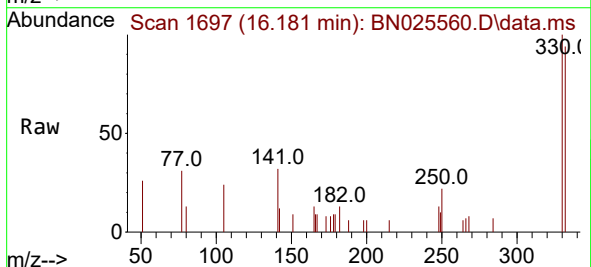
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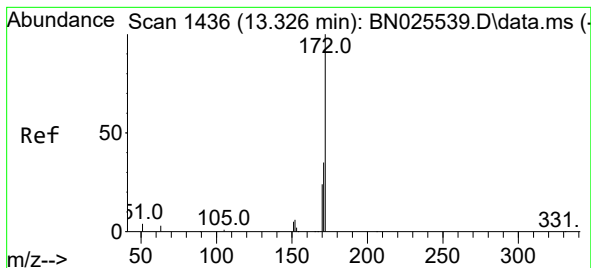
Tgt Ion:164 Resp: 7893
Ion Ratio Lower Upper
164 100
162 106.4 85.5 128.3
160 51.3 42.9 64.3



#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

Tgt Ion:330 Resp: 1163
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 58.6 43.0 64.6





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 13.326 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-11.5-051823

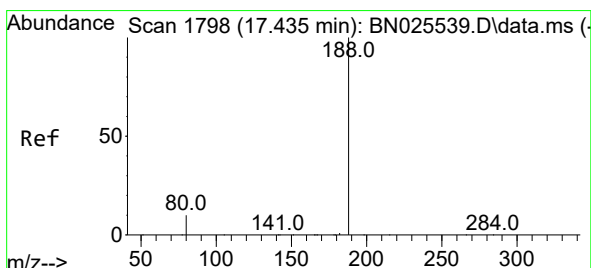
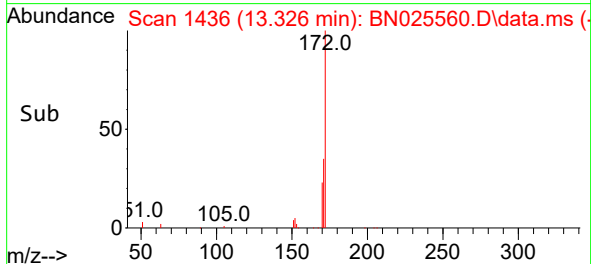
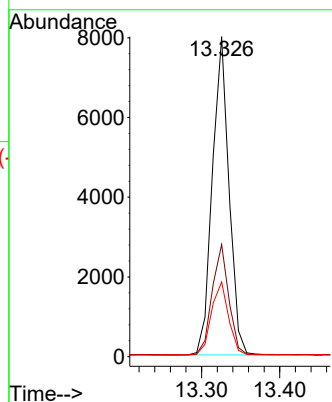
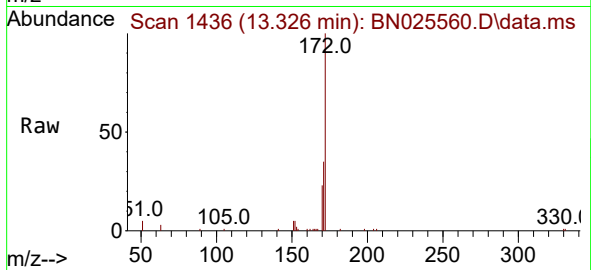
Tgt Ion:172 Resp: 11834

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

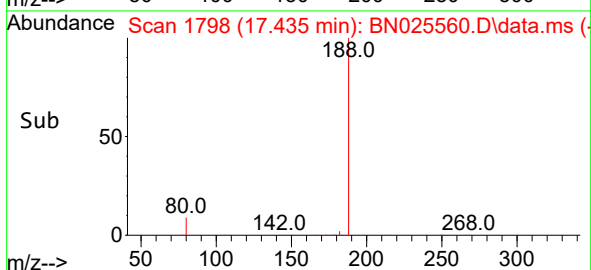
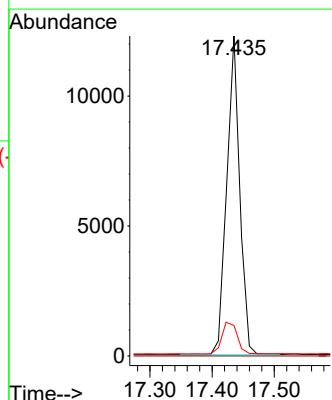
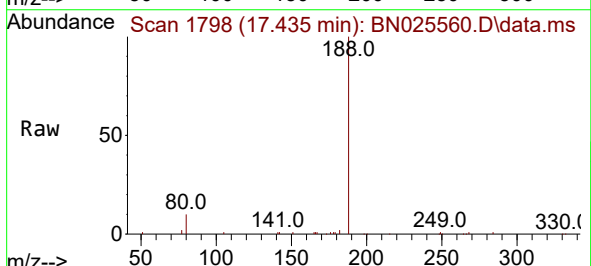
Tgt Ion:188 Resp: 17731

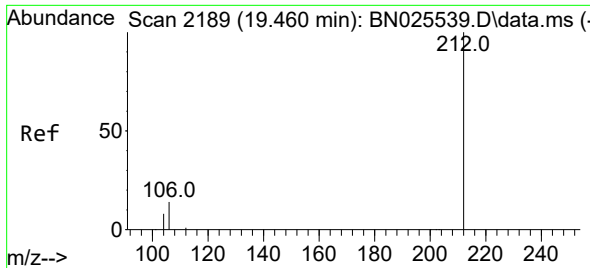
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 8.8 13.2

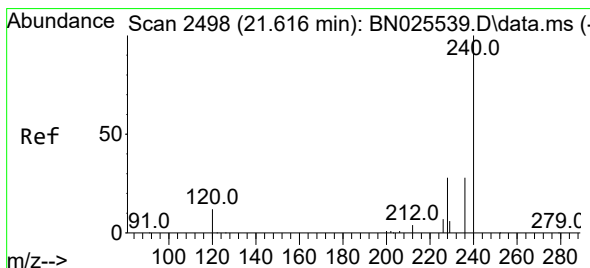
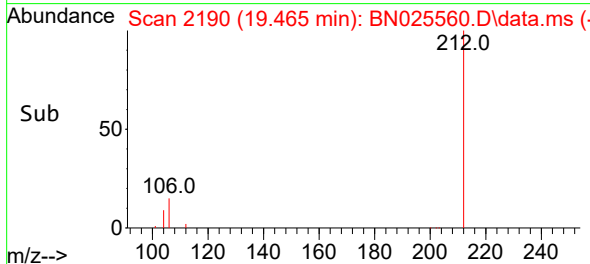
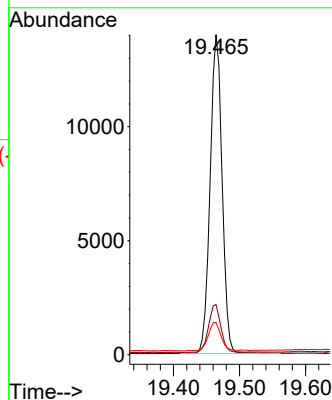
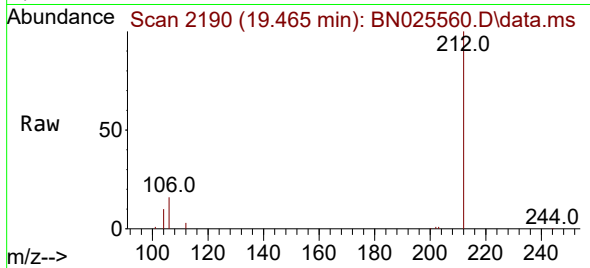




#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.465 min Scan# 2189
Delta R.T. 0.004 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

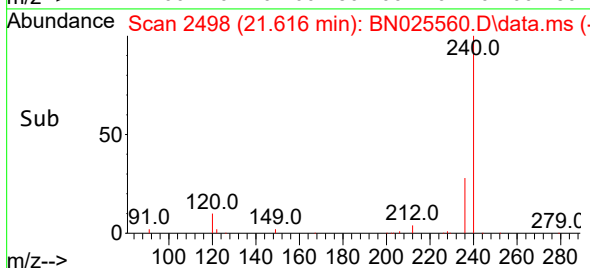
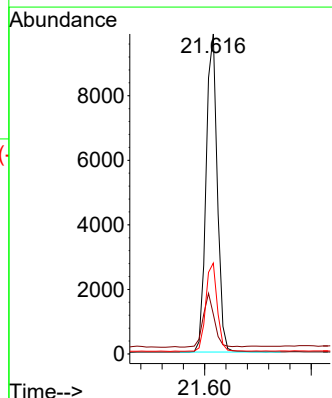
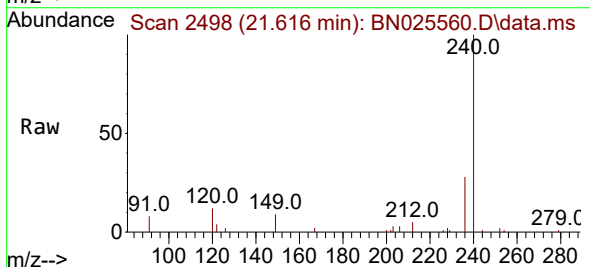
Instrument :
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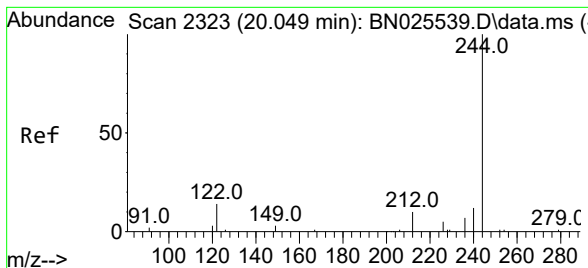
Tgt Ion:212 Resp: 17589
Ion Ratio Lower Upper
212 100
106 15.4 11.4 17.2
104 9.6 6.8 10.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

Tgt Ion:240 Resp: 14377
Ion Ratio Lower Upper
240 100
120 12.4 11.7 17.5
236 28.4 23.0 34.6





#31

Terphenyl-d14

Concen: 0.319 ng

RT: 20.049 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025560.D

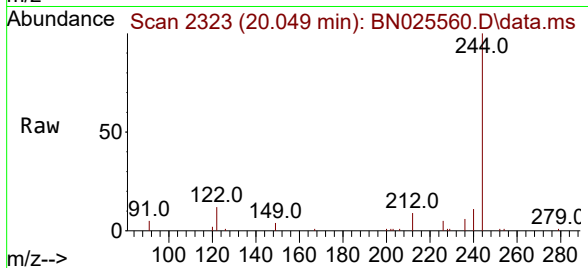
Acq: 23 May 2023 05:48

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-11.5-051823



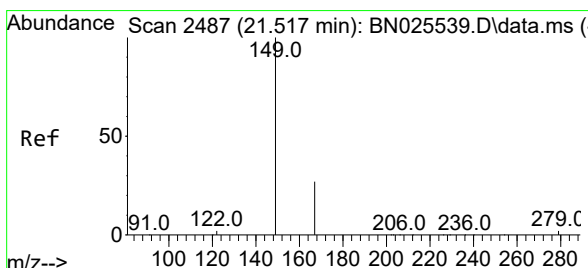
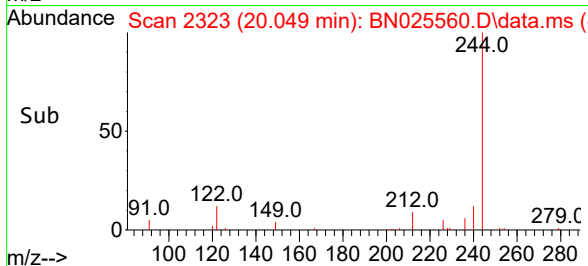
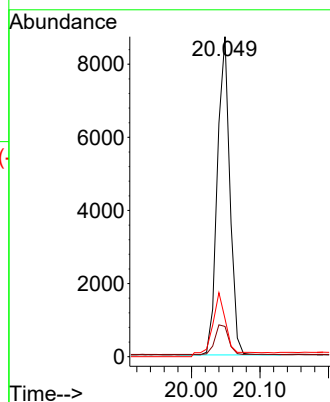
Tgt Ion:244 Resp: 9492

Ion Ratio Lower Upper

244 100

212 9.5 8.4 12.6

122 11.8 11.4 17.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.518 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BN025560.D

Acq: 23 May 2023 05:48

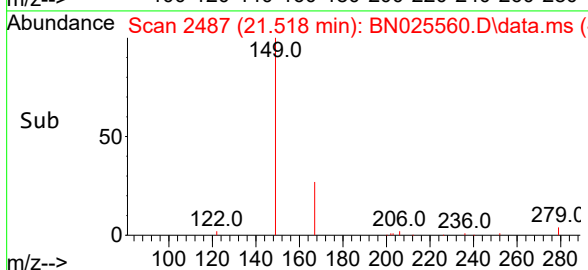
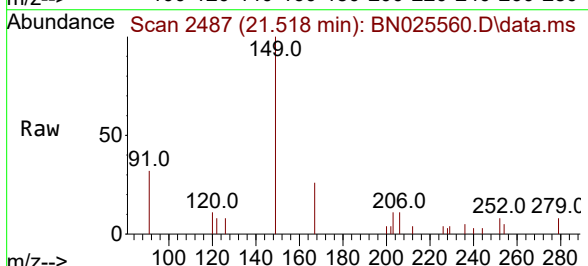
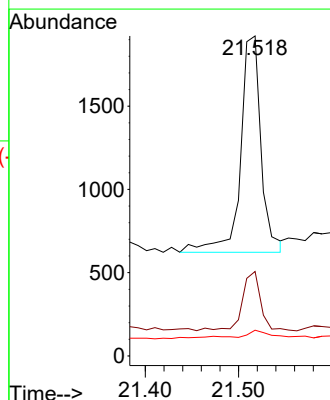
Tgt Ion:149 Resp: 1998

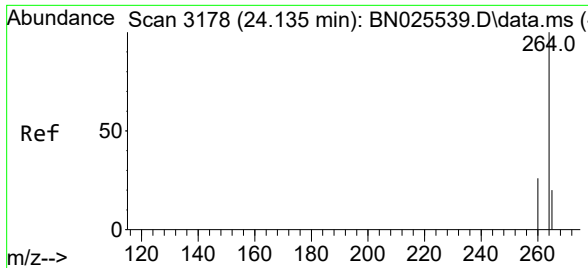
Ion Ratio Lower Upper

149 100

167 24.4 21.5 32.3

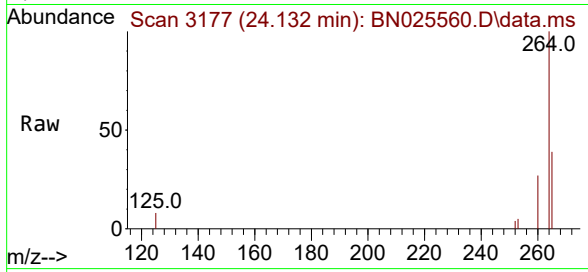
279 4.1 2.6 4.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.132 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN025560.D
Acq: 23 May 2023 05:48

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-11.5-051823



Tgt Ion:264 Resp: 15871

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	38.7	35.5	53.3

