

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004850.D
 Acq On : 21 Mar 2019 15:15
 Operator : JU/SJ
 Sample : K1938-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Quant Time: Mar 23 03:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

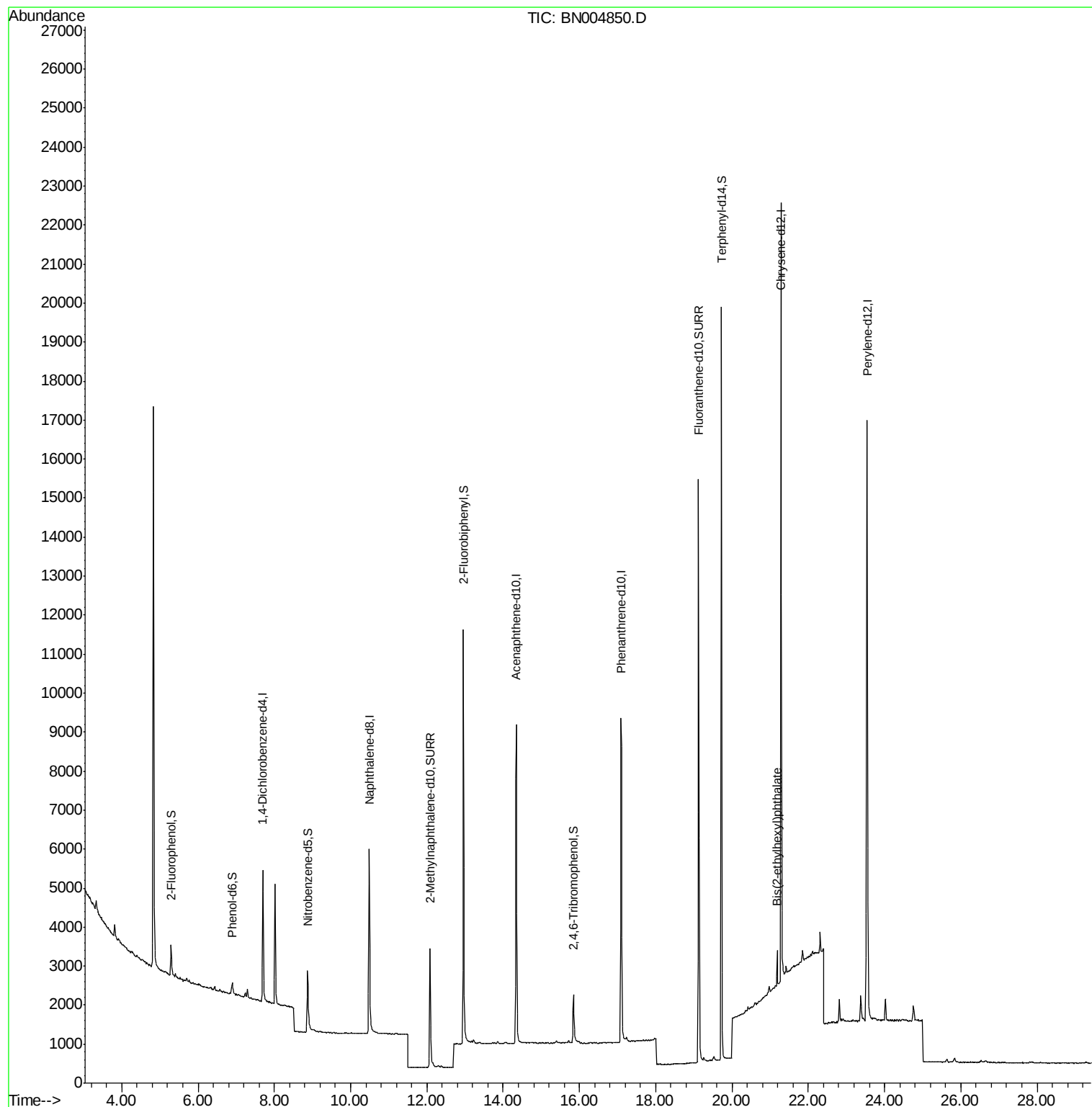
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1833	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	8084	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5305	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13728	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18841	0.40	ng	0.00
34) Perylene-d12	23.54	264	21141	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	865	0.17	ng	0.00
5) Phenol-d6	6.90	99	621	0.10	ng	0.02
8) Nitrobenzene-d5	8.87	82	1963	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5233	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1452	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	10869	0.50	ng	0.00
25) Fluoranthene-d10	19.13	212	18794	0.41	ng	0.00
29) Terphenyl-d14	19.73	244	21280	0.55	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.18	149	790	0.032	ng	# 96

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

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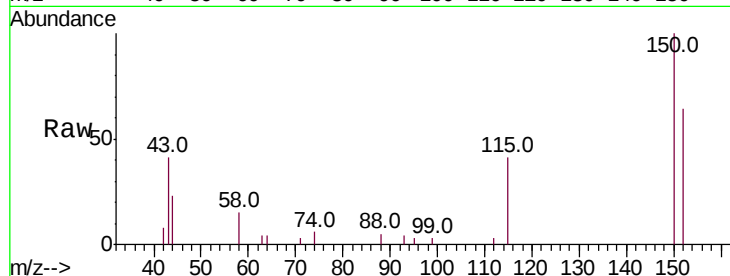


#1

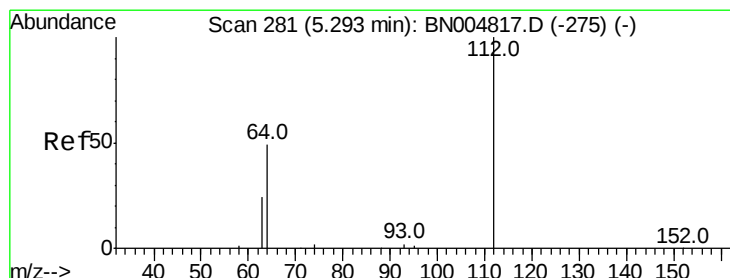
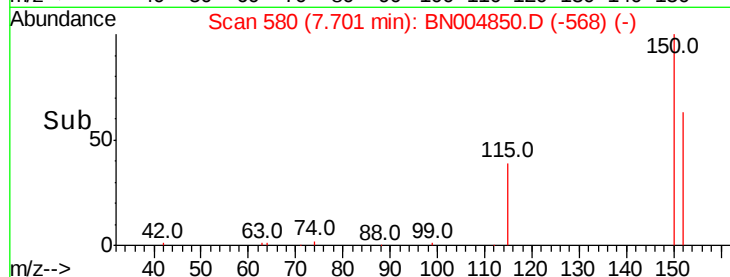
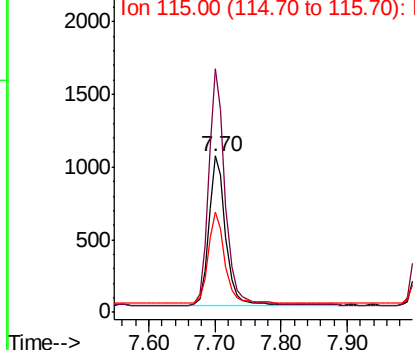
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004850.D
Acq: 21 Mar 2019 15:15

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion:152 Resp: 1833
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 64.4 52.6 79.0



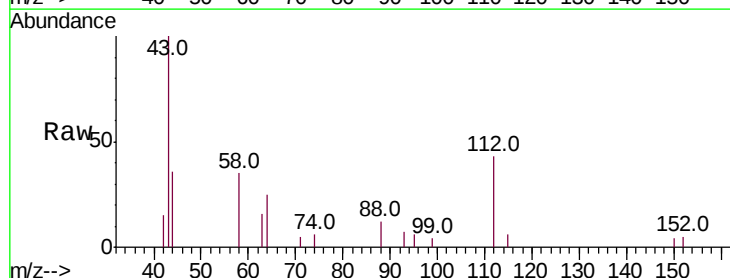
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



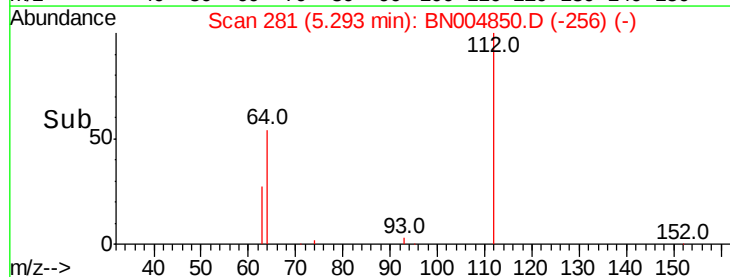
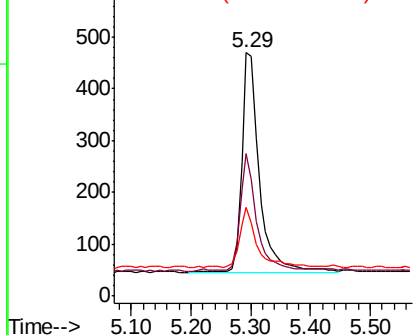
#4

2-Fluorophenol
Concen: 0.174 ng
RT: 5.29 min Scan# 281
Delta R.T. 0.00 min
Lab File: BN004850.D
Acq: 21 Mar 2019 15:15

Tgt Ion:112 Resp: 865
Ion Ratio Lower Upper
112 100
64 48.9 40.0 60.0
63 27.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.100 ng

RT: 6.90 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

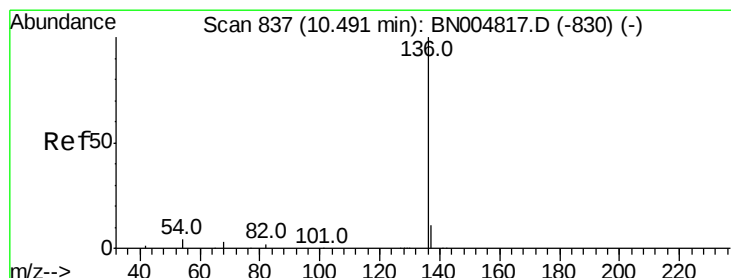
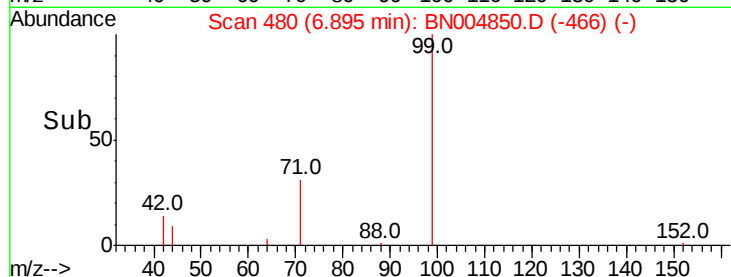
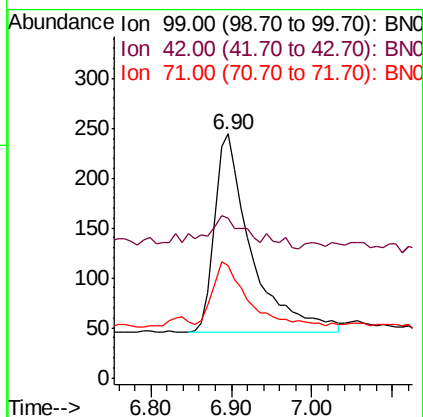
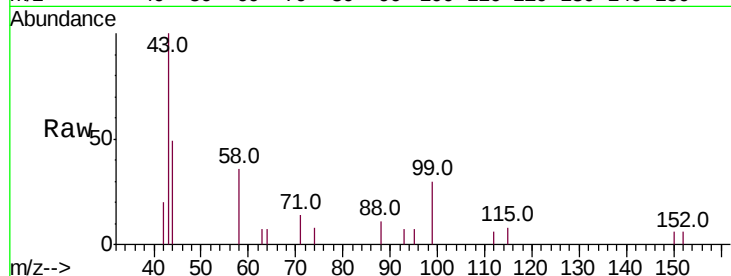
Tot Ion: 99 Resp: 621

Ion Ratio Lower Upper

99 100

42 11.6 12.7 19.1#

71 30.3 26.6 40.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Tgt Ion: 136 Resp: 8084

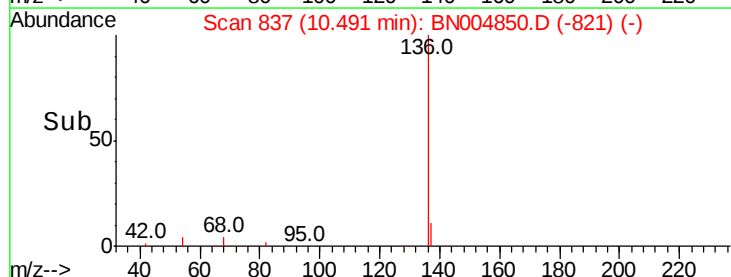
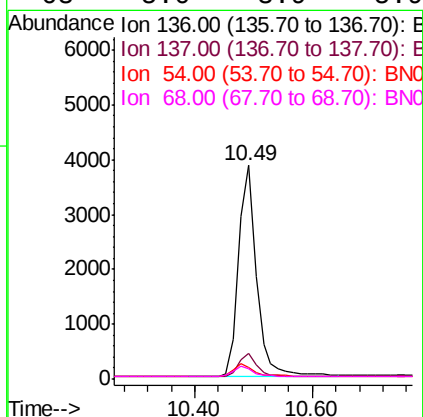
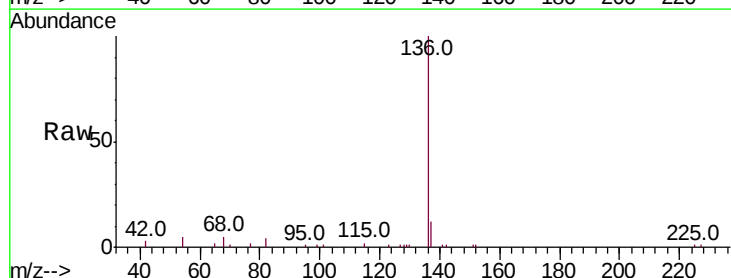
Ion Ratio Lower Upper

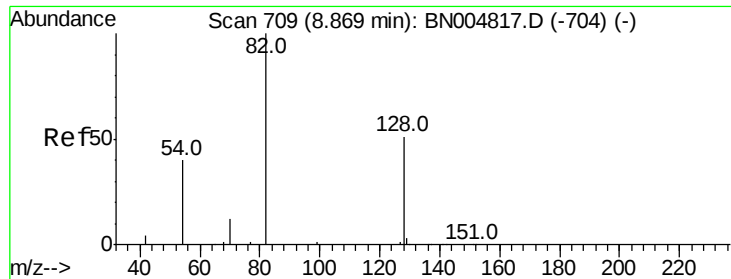
136 100

137 12.1 9.6 14.4

54 5.3 4.2 6.2

68 5.0 3.9 5.9





#8

Nitrobenzene-d5

Concen: 0.367 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampled :

W-1

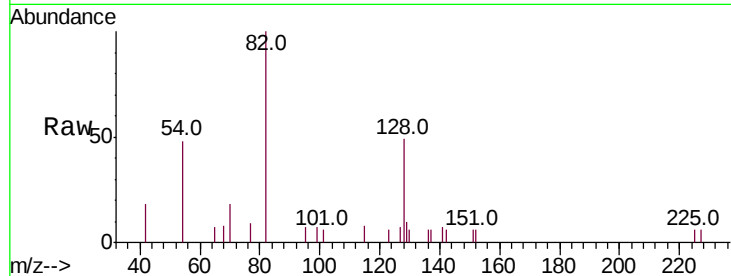
Tot Ion: 82 Resp: 1963

Ion Ratio Lower Upper

82 100

128 48.7 43.0 64.6

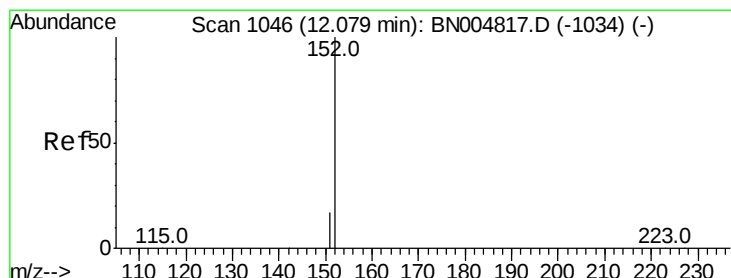
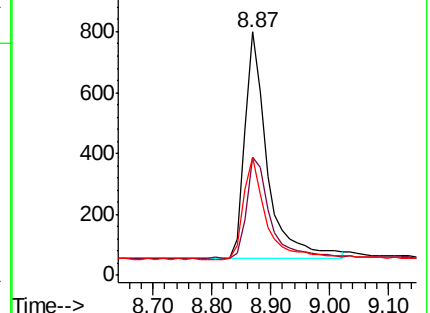
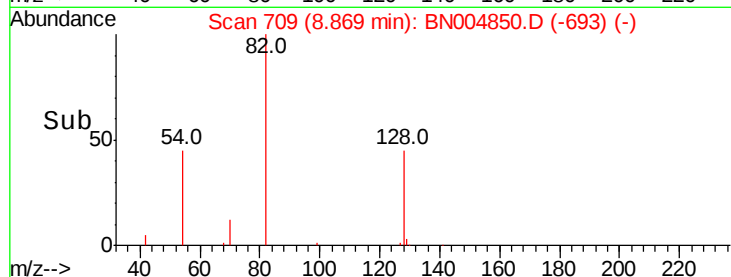
54 48.4 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004850.D (-693) (-)

Ion 128.00 (127.70 to 128.70): BN004850.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN004850.D (-693) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004850.D

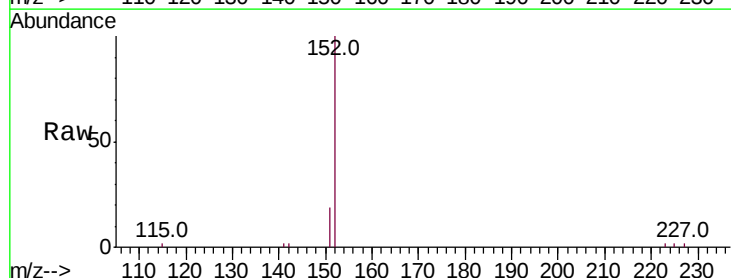
Acq: 21 Mar 2019 15:15

Tgt Ion: 152 Resp: 5233

Ion Ratio Lower Upper

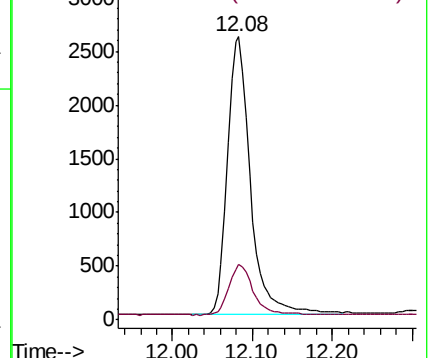
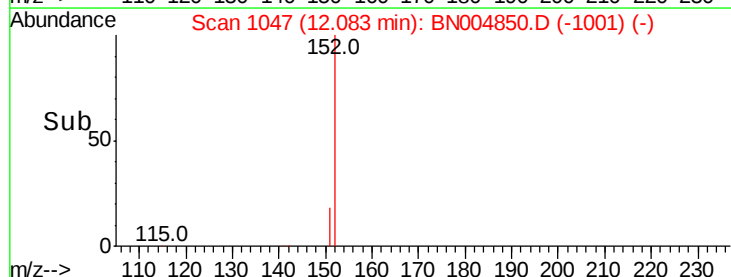
152 100

151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004850.D (-1001) (-)

Ion 151.00 (150.70 to 151.70): BN004850.D (-1001) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

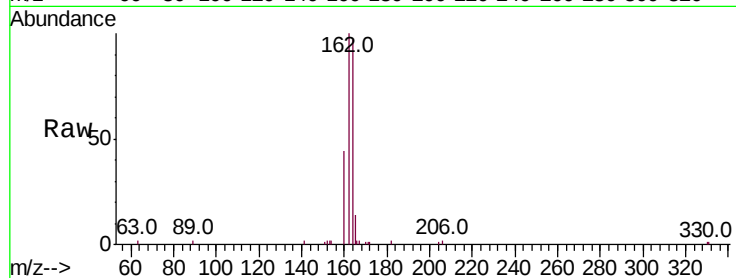
Tot Ion:164 Resp: 5305

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

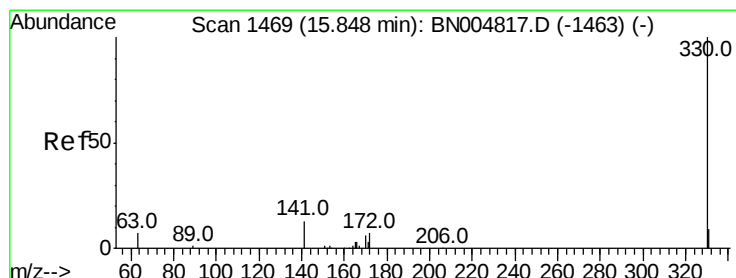
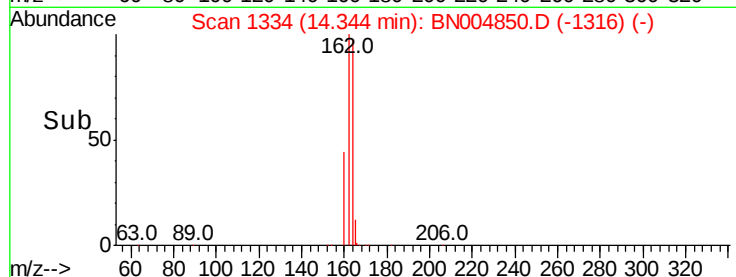
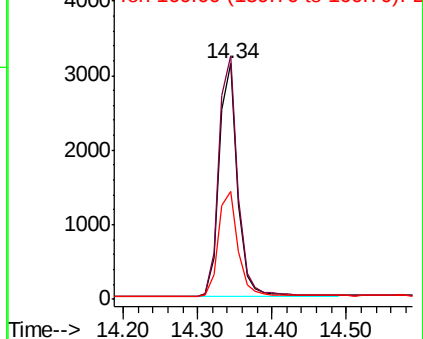
160 45.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.396 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

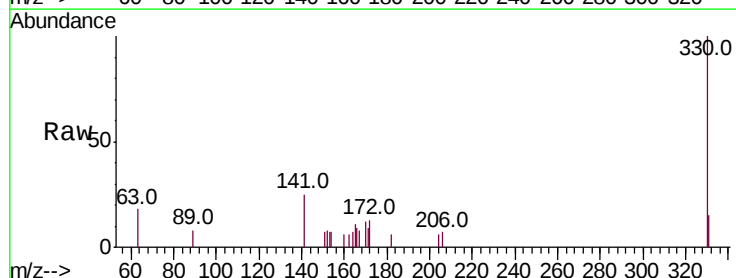
Tgt Ion:330 Resp: 1452

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

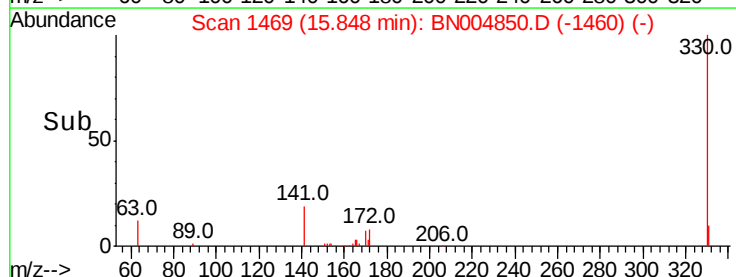
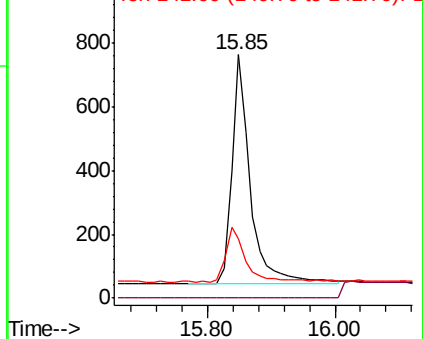
141 25.4 20.9 31.3

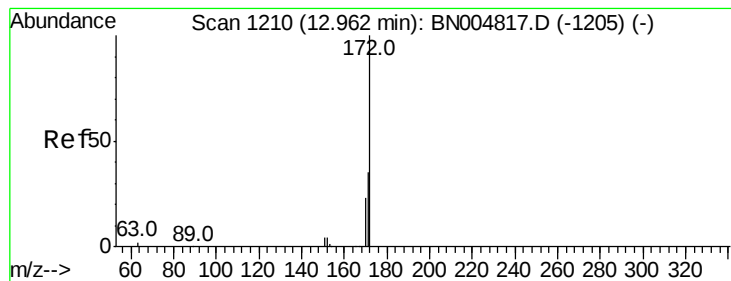


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.496 ng

RT: 12.96 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

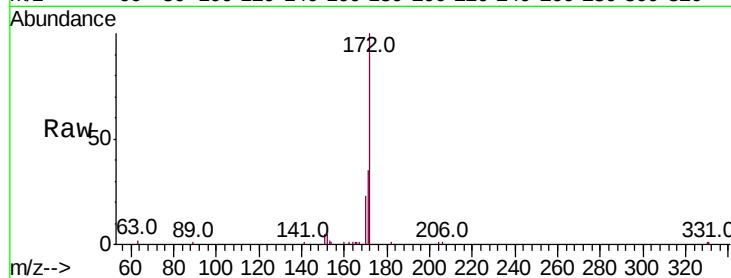
Tot Ion:172 Resp: 10869

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

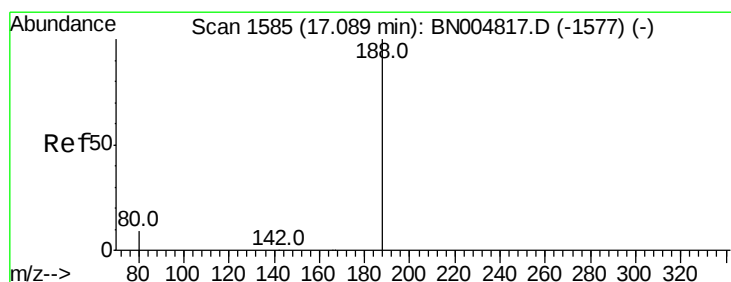
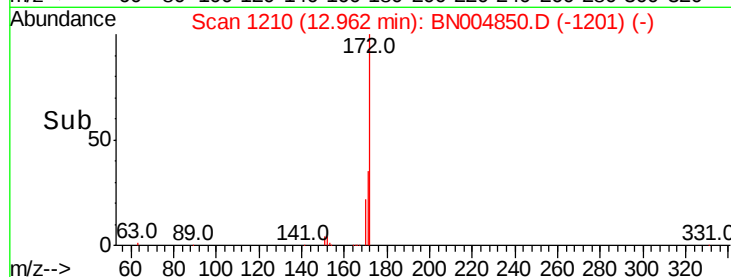
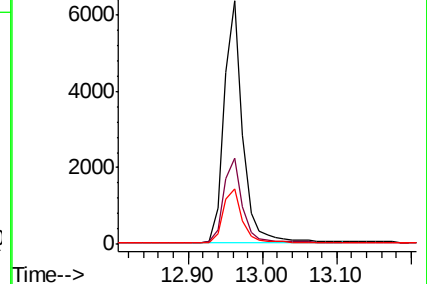
170 22.9 18.7 28.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

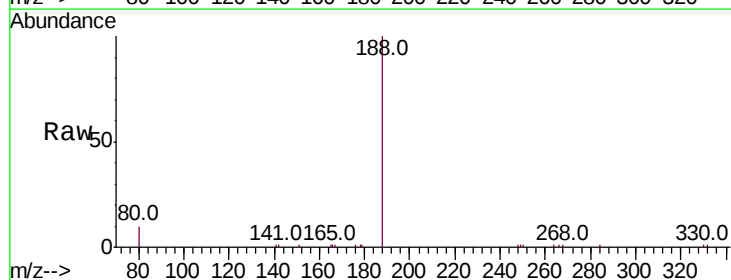
Tgt Ion:188 Resp: 13728

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

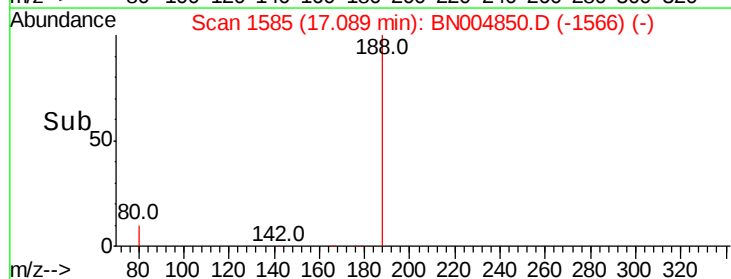
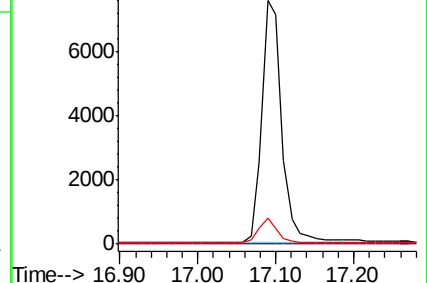
80 10.5 7.4 11.2

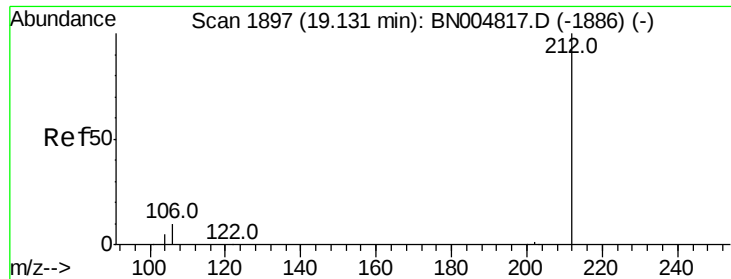


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

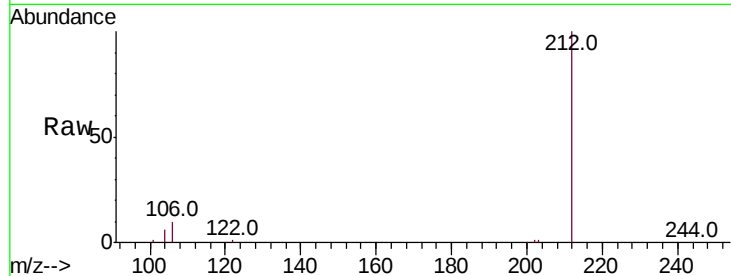
Tot Ion:212 Resp: 18794

Ion Ratio Lower Upper

212 100

106 11.0 8.6 13.0

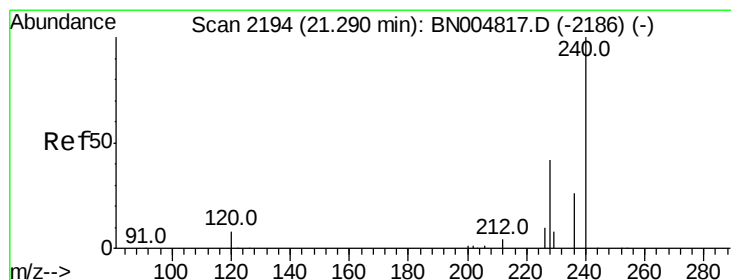
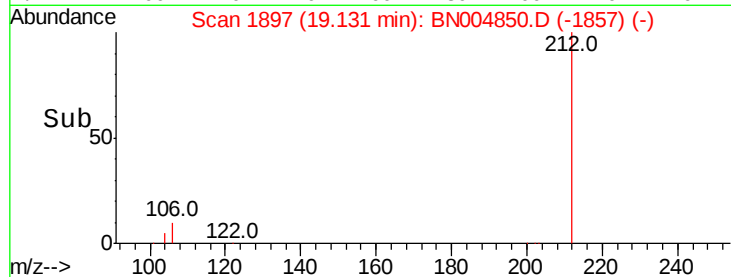
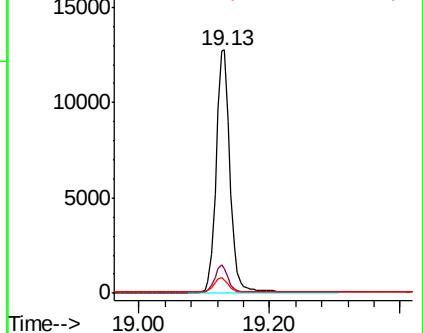
104 6.1 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

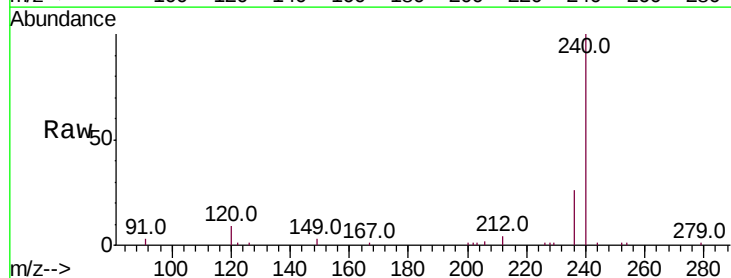
Tgt Ion:240 Resp: 18841

Ion Ratio Lower Upper

240 100

120 8.8 7.2 10.8

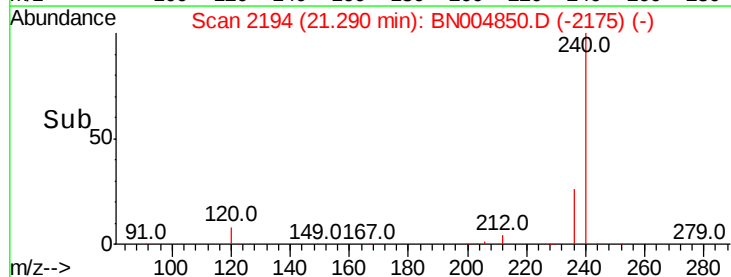
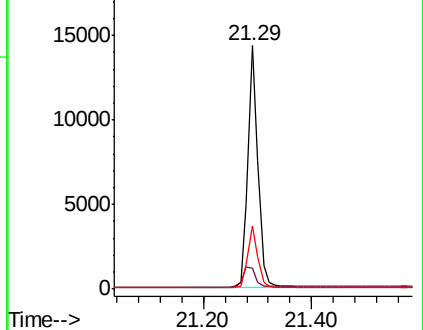
236 26.1 20.9 31.3

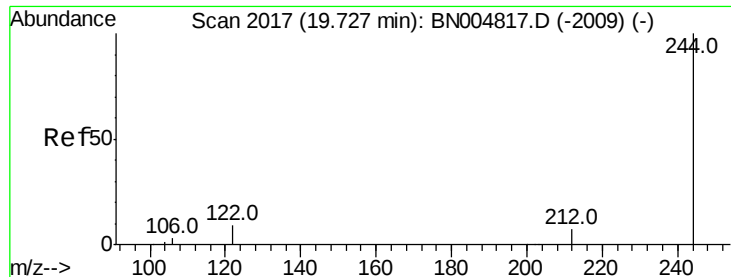


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.552 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

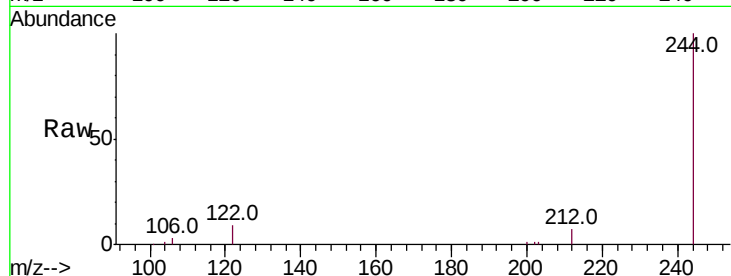
Tot Ion:244 Resp: 21280

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

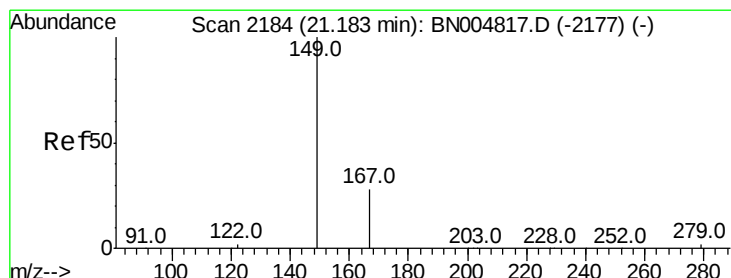
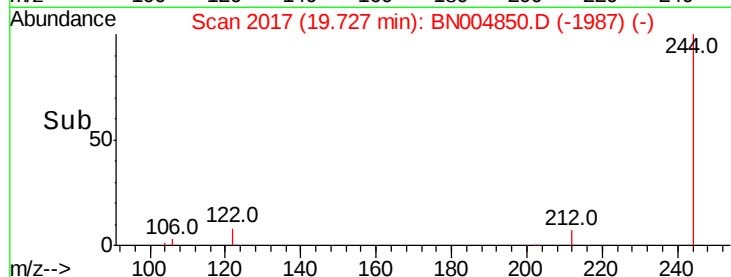
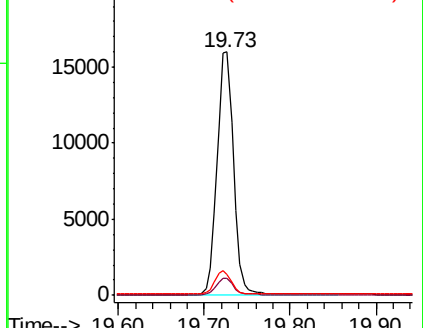
122 8.8 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

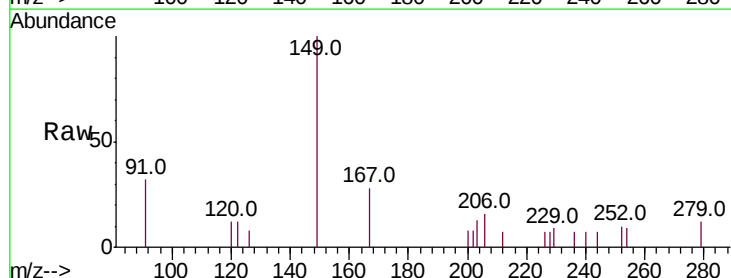
Tgt Ion:149 Resp: 790

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.4

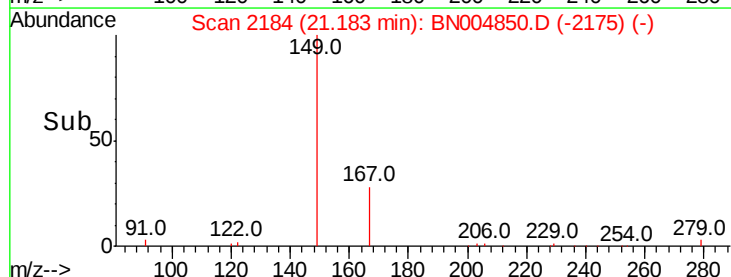
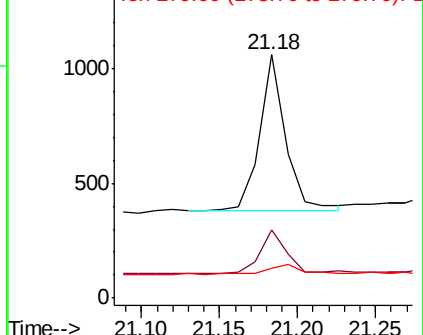
279 10.3 4.6 6.8#

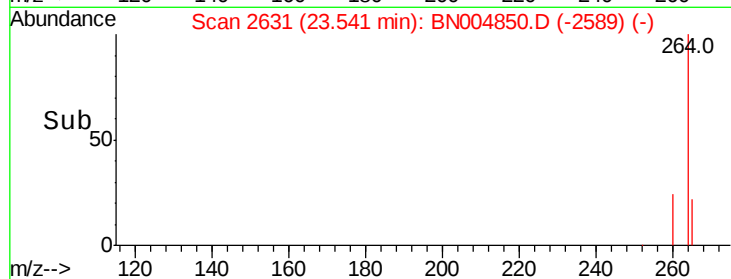
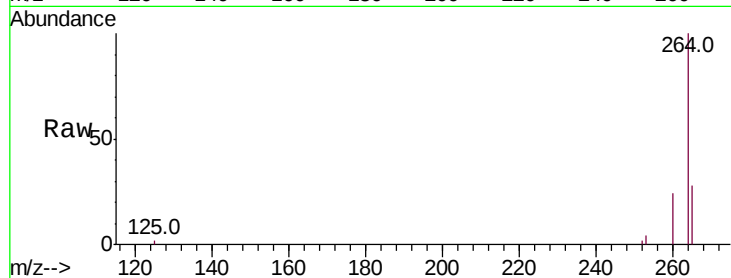
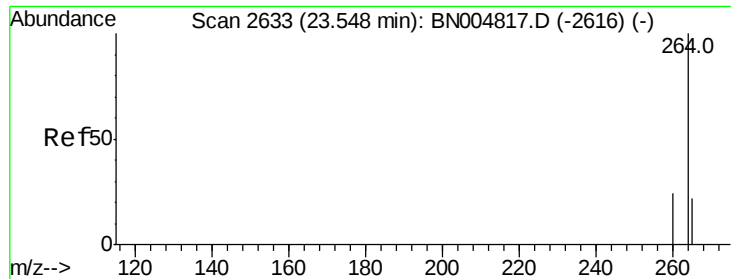


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004850.D

Acq: 21 Mar 2019 15:15

Instrument :

BNA_N

ClientSampleId :

W-1

Tot Ion:264 Resp: 21141

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 27.8 23.1 34.7

