

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004837.D
 Acq On : 21 Mar 2019 01:51
 Operator : JU/SJ
 Sample : K1842-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-030819

Quant Time: Mar 21 09:19:08 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

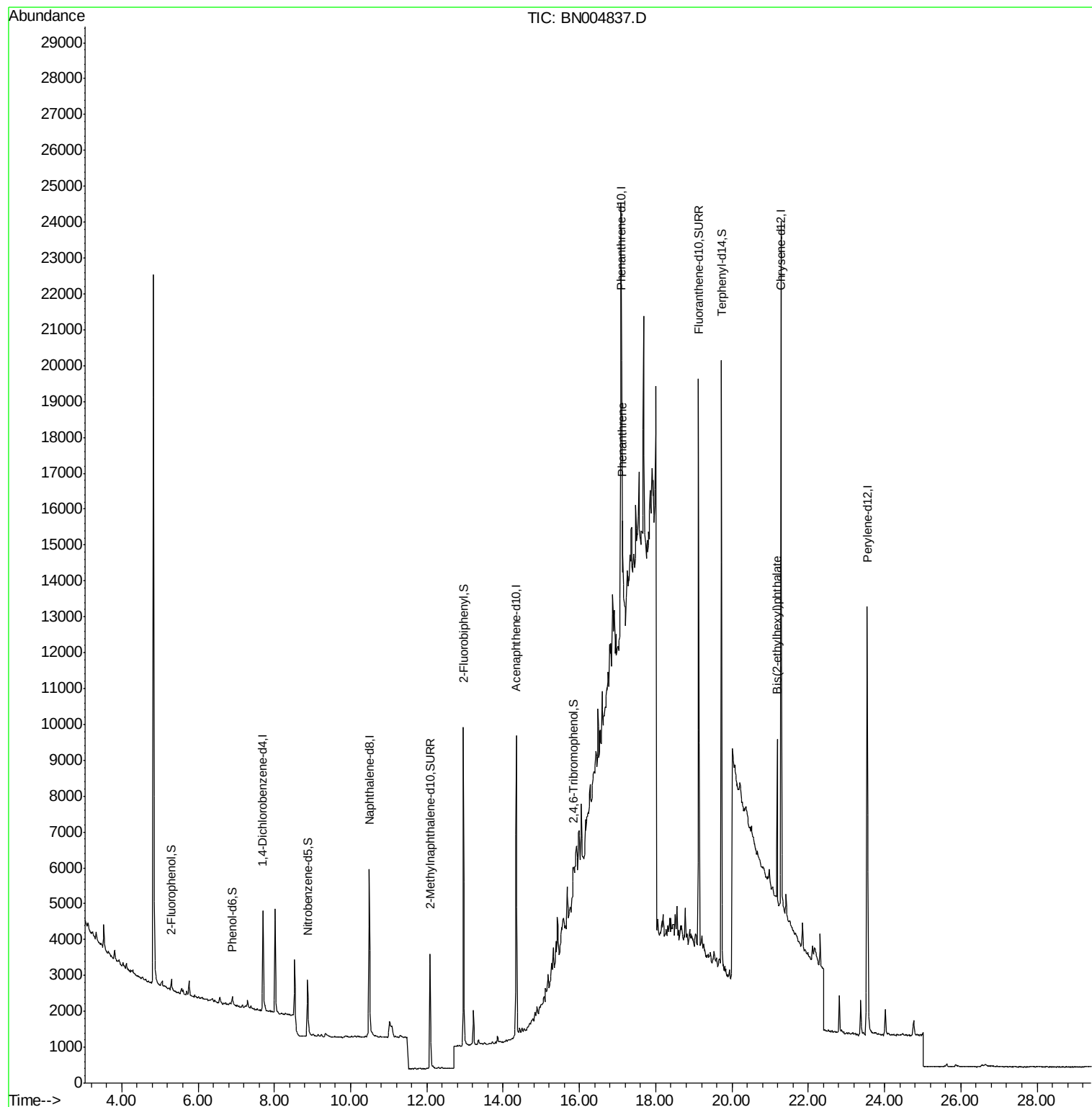
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1603	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7283	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4872	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13281	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18115	0.40	ng	0.00
34) Perylene-d12	23.54	264	17569	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	322	0.07	ng	0.00
5) Phenol-d6	6.90	99	435	0.08	ng	0.02
8) Nitrobenzene-d5	8.87	82	1678	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4944	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	221	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8296	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	18446	0.41	ng	0.00
29) Terphenyl-d14	19.73	244	17962	0.48	ng	0.00
Target Compounds						
23) Phenanthrene	17.13	178	1957	0.046	ng	Qvalue # 60
32) Bis(2-ethylhexyl)phthalate	21.18	149	3855	0.162	ng	98

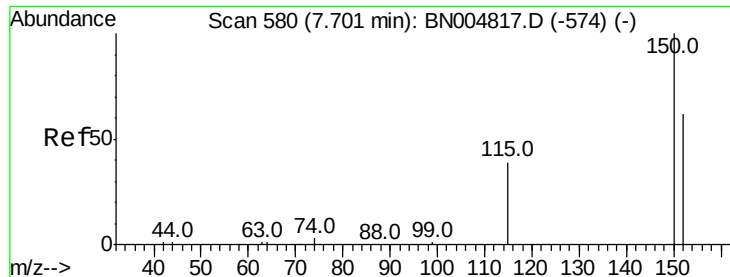
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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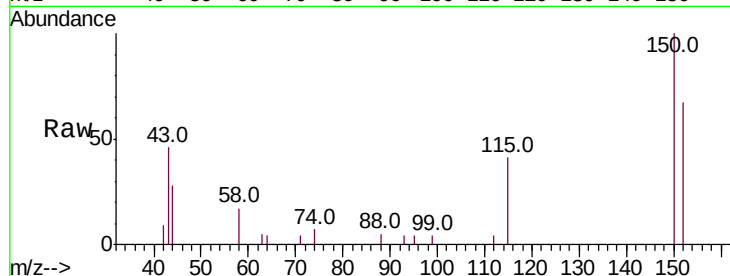


#1

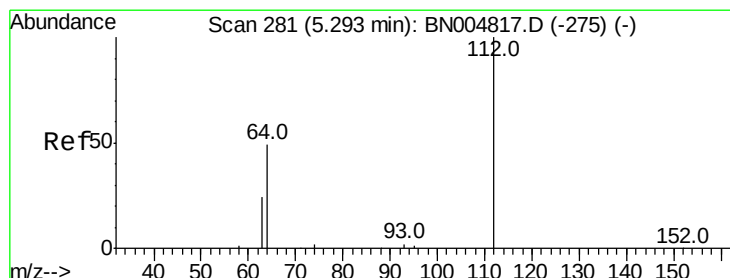
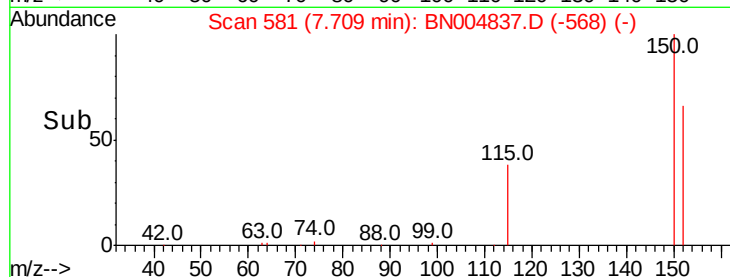
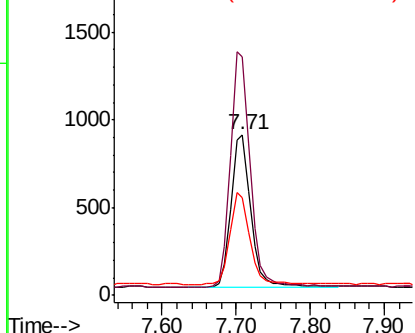
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tot Ion:152 Resp: 1603
Ion Ratio Lower Upper
152 100
150 148.7 126.2 189.4
115 61.0 52.6 79.0



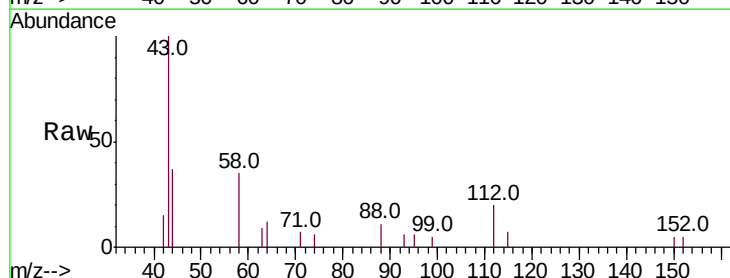
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



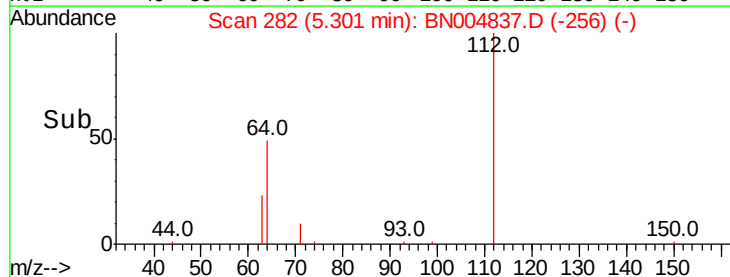
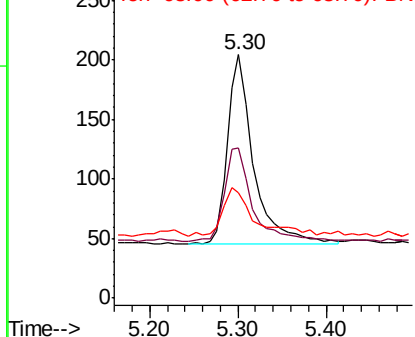
#4

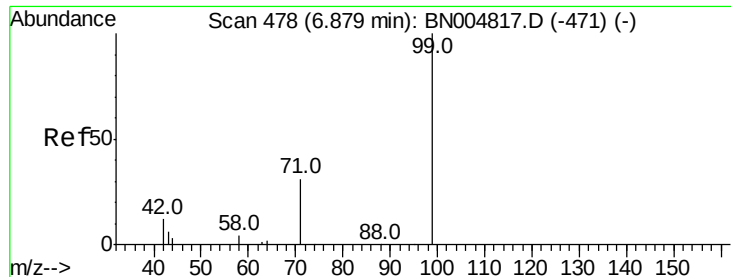
2-Fluorophenol
Concen: 0.074 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:112 Resp: 322
Ion Ratio Lower Upper
112 100
64 55.6 40.0 60.0
63 27.0 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: 0.080 ng

RT: 6.90 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

Instrument :

BNA_N

ClientSampleId :

FB-030819

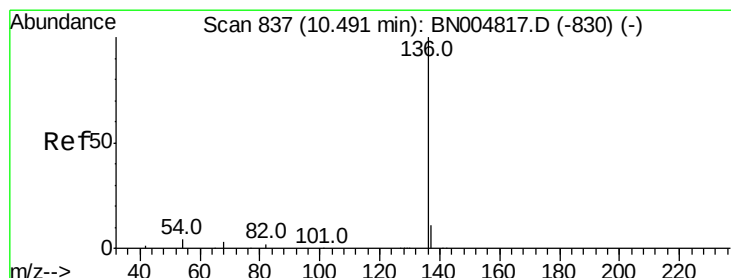
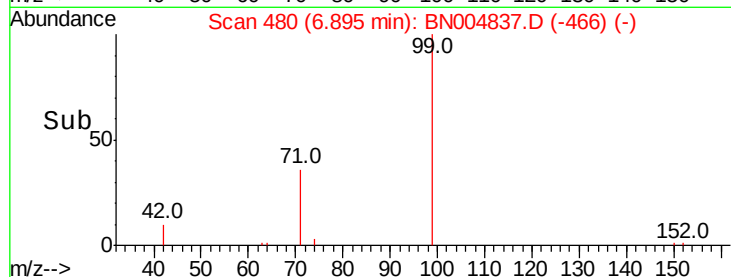
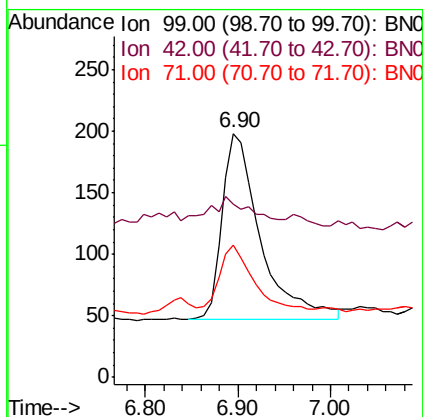
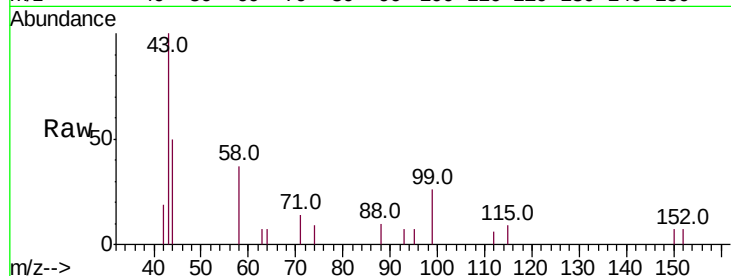
Tot Ion: 99 Resp: 435

Ion Ratio Lower Upper

99 100

42 10.6 12.7 19.1#

71 31.7 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: BN004837.D

Acq: 21 Mar 2019 01:51

Tgt Ion: 136 Resp: 7283

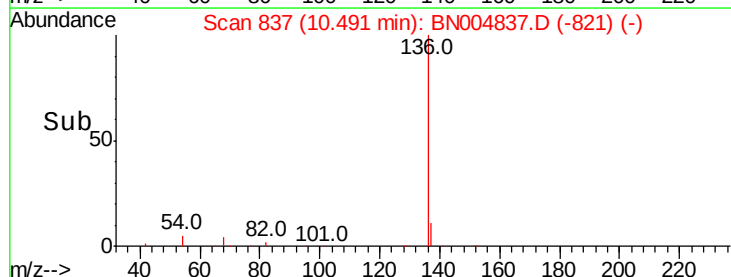
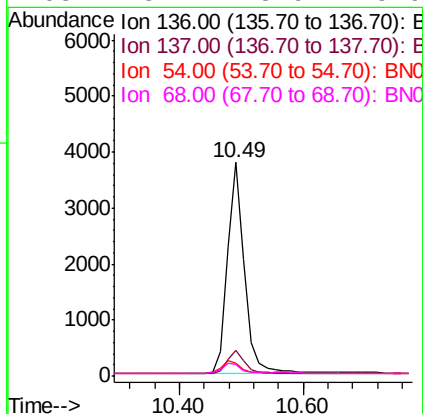
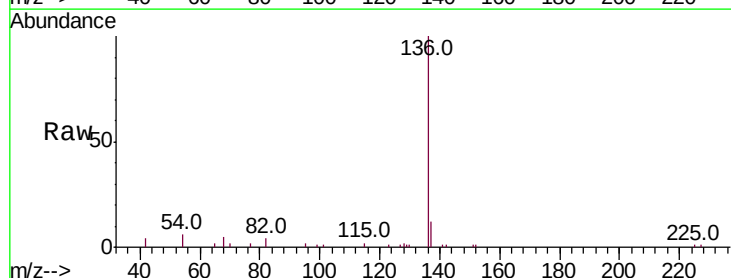
Ion Ratio Lower Upper

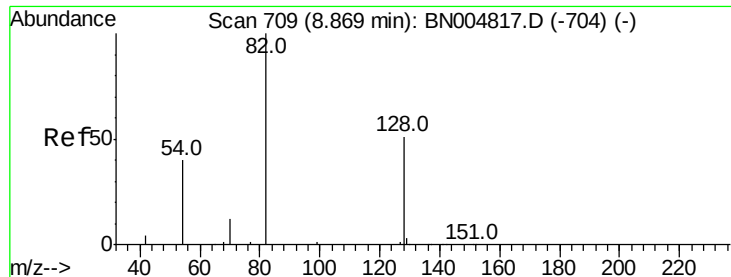
136 100

137 12.0 9.6 14.4

54 5.9 4.2 6.2

68 5.2 3.9 5.9

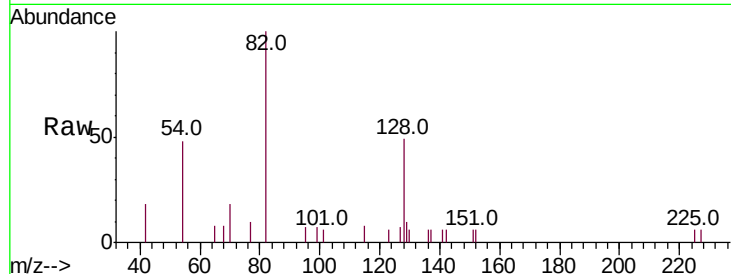




#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 8.87 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN004837.D
 Acq: 21 Mar 2019 01:51

Instrument :
 BNA_N
 ClientSampleId :
 FB-030819

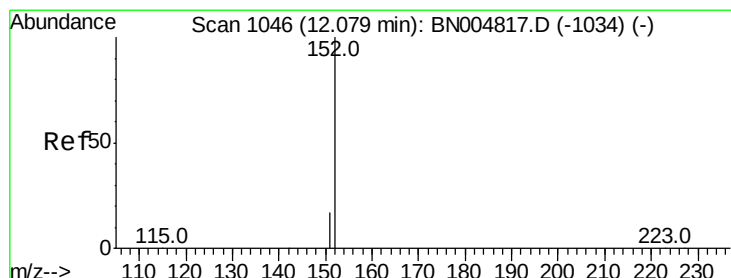
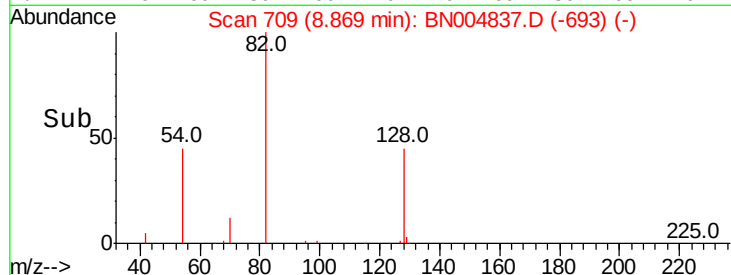
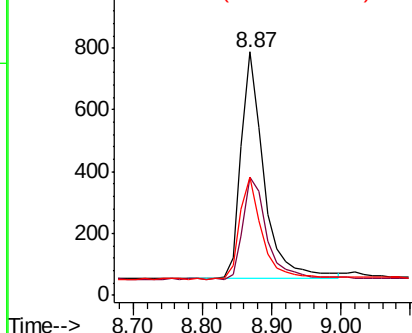
Tot Ion	82	Resp	1678
Ion Ratio	Lower	Upper	
82	100		
128	48.7	43.0	64.6
54	48.4	35.3	52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004837.D (-693) (-)

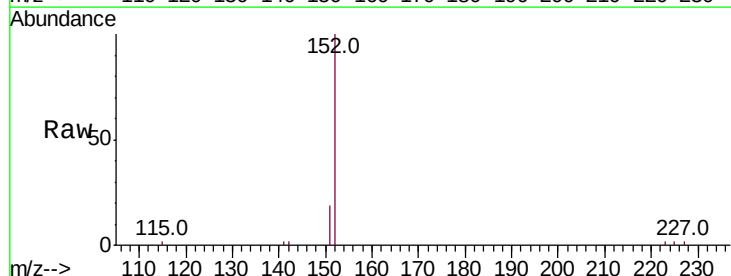
Ion 128.00 (127.70 to 128.70): BN004837.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN004837.D (-693) (-)



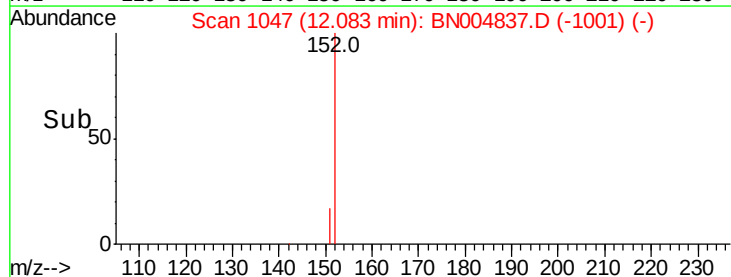
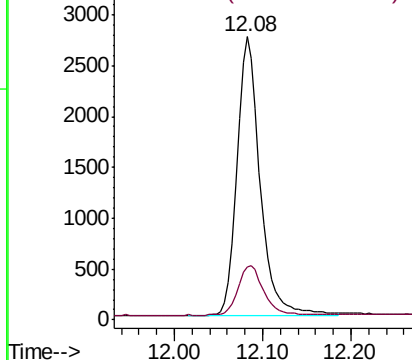
#11
 2-Methylnaphthalene-d10
 Concen: 0.389 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004837.D
 Acq: 21 Mar 2019 01:51

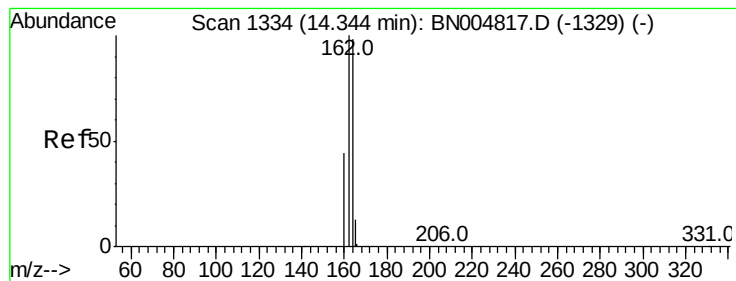
Tgt Ion	152	Resp	4944
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004837.D (-1001) (-)

Ion 151.00 (150.70 to 151.70): BN004837.D (-1001) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

Instrument :

BNA_N

ClientSampleId :

FB-030819

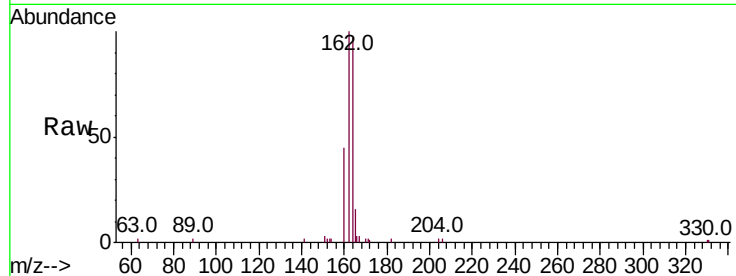
Tot Ion:164 Resp: 4872

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

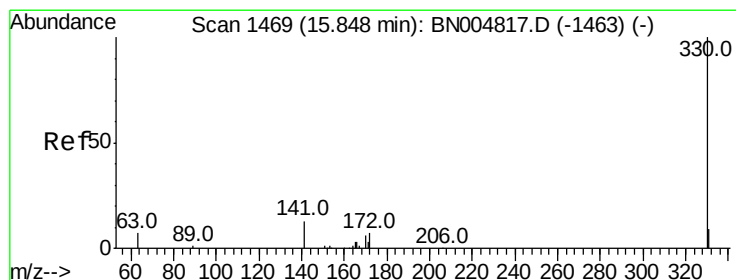
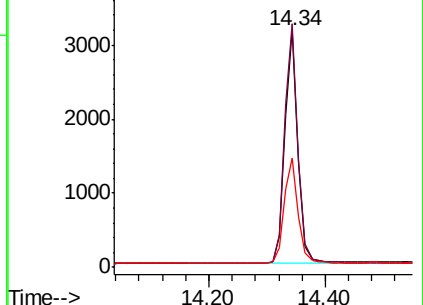
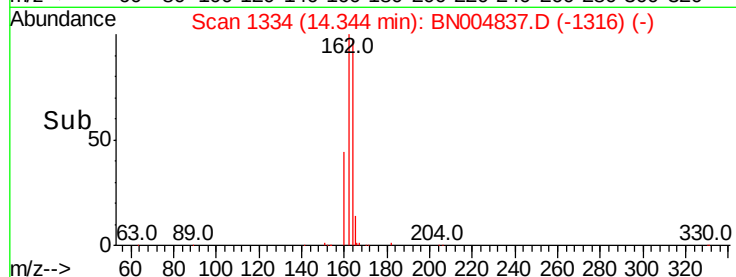
160 46.3 36.6 54.8



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: 0.066 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

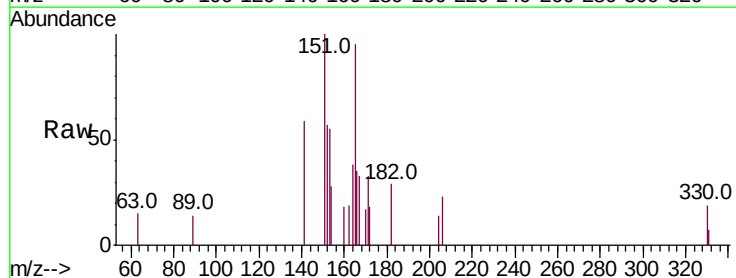
Tgt Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

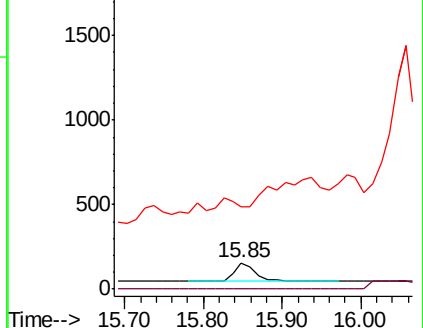
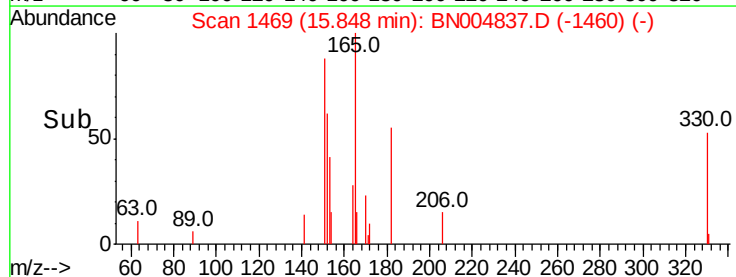
141 0.0 20.9 31.3#

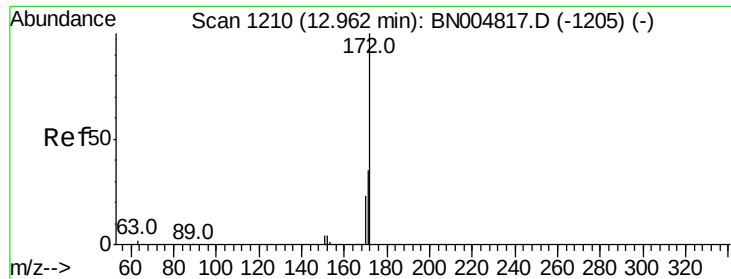


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.412 ng

RT: 12.96 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

Instrument :

BNA_N

ClientSampleId :

FB-030819

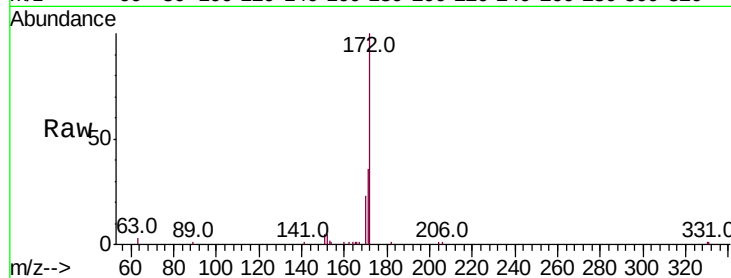
Tot Ion:172 Resp: 8296

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

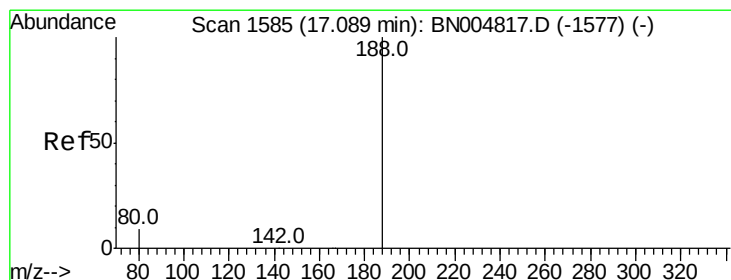
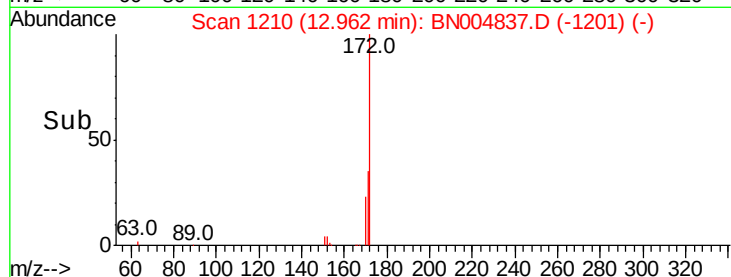
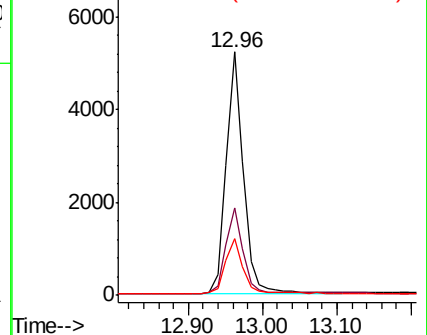
170 23.5 18.7 28.1



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: BN004837.D

Acq: 21 Mar 2019 01:51

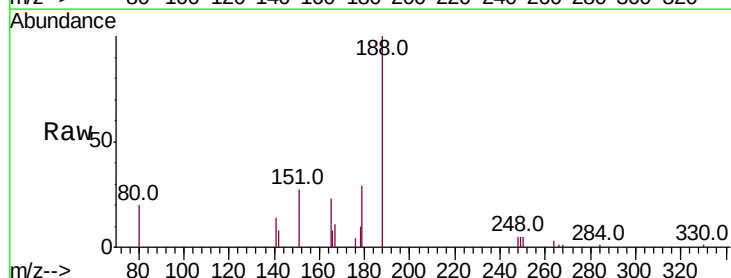
Tgt Ion:188 Resp: 13281

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

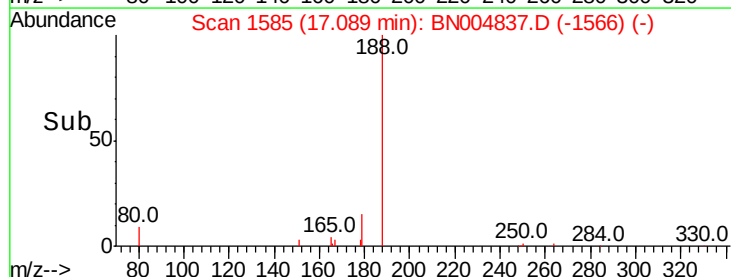
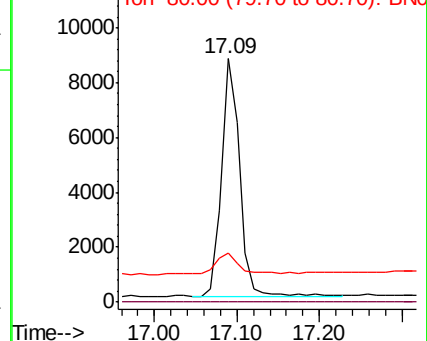
80 20.4 7.4 11.2#

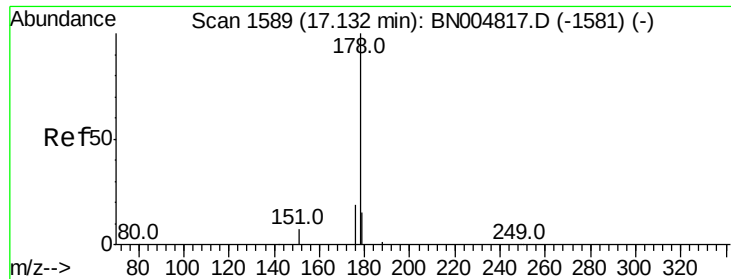


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.046 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

Instrument :

BNA_N

ClientSampleId :

FB-030819

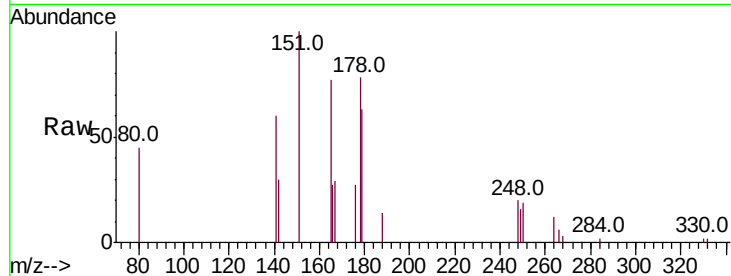
Tot Ion:178 Resp: 1957

Ion Ratio Lower Upper

178 100

176 33.0 14.9 22.3#

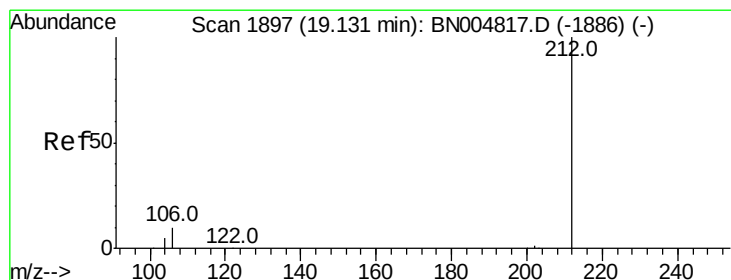
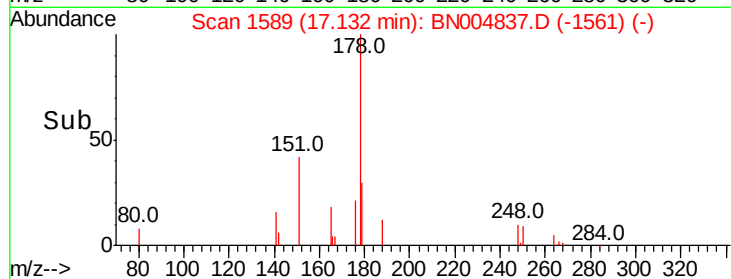
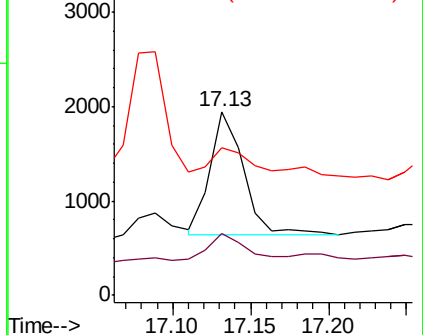
179 36.0 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

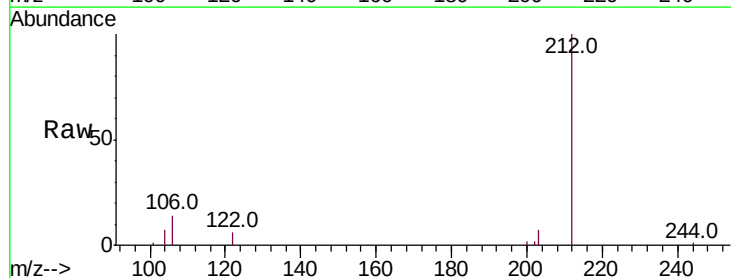
Tgt Ion:212 Resp: 18446

Ion Ratio Lower Upper

212 100

106 11.0 8.6 13.0

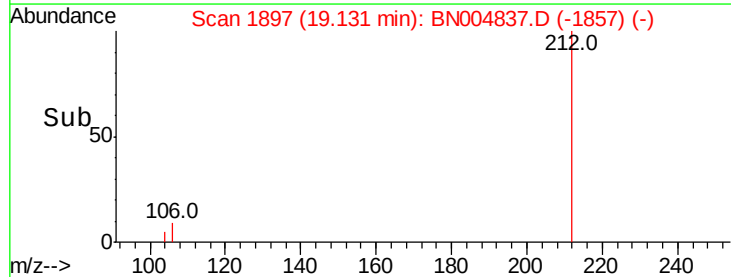
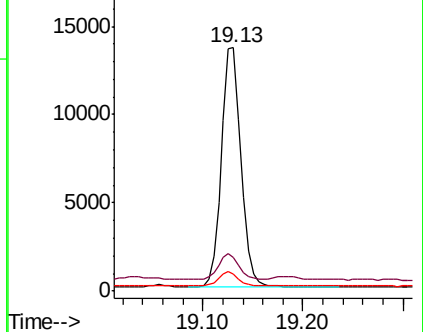
104 5.9 4.7 7.1

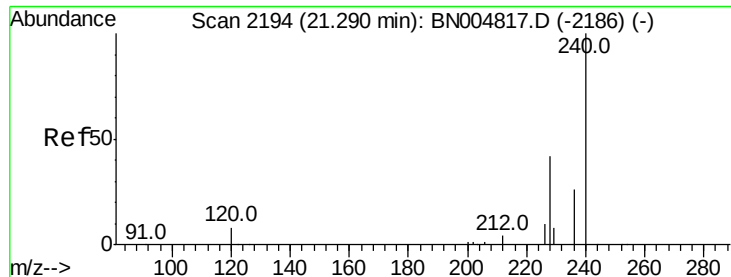


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

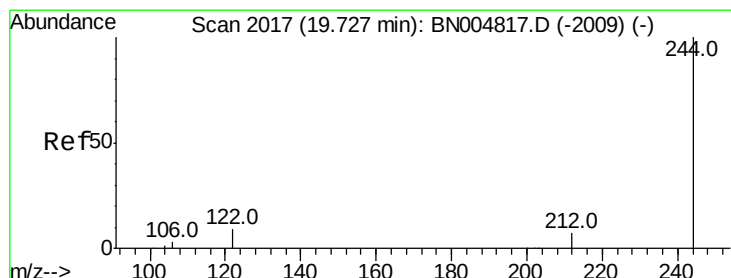
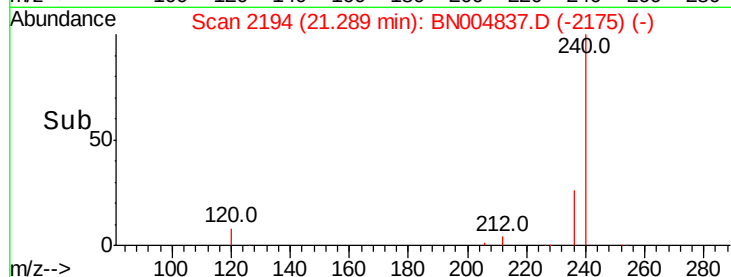
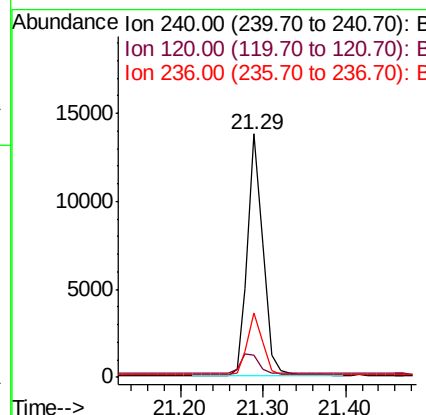
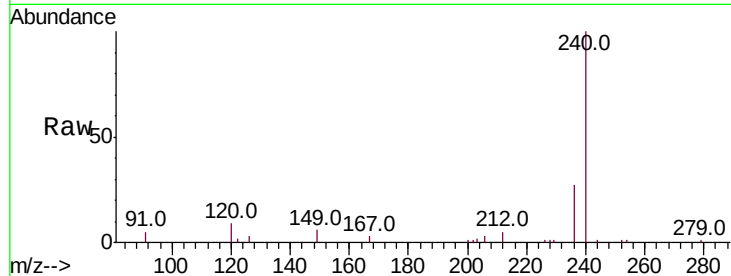




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

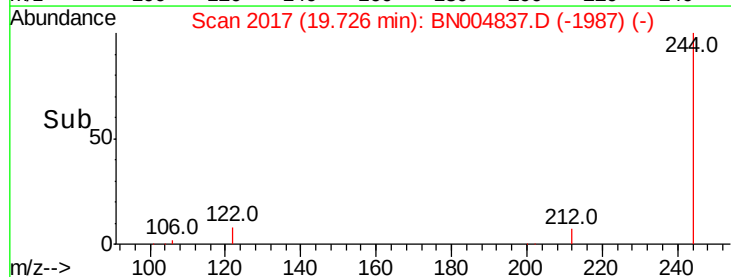
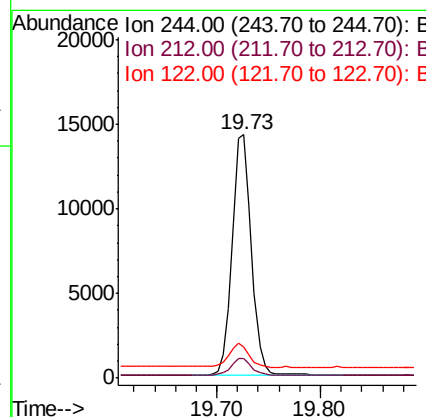
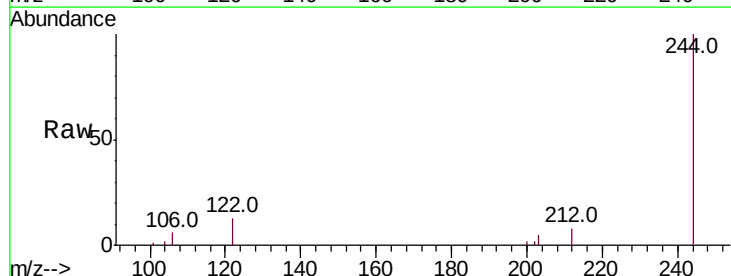
Instrument :
BNA_N
ClientSampleId :
FB-030819

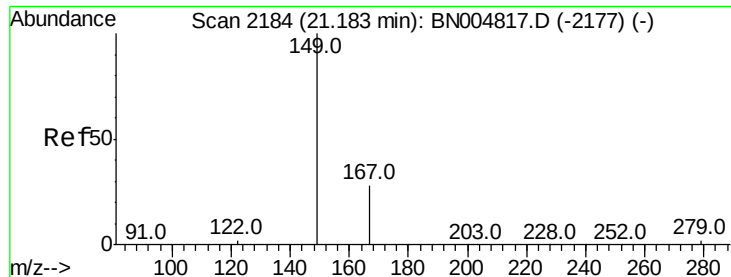
Tot Ion:240 Resp: 18115
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.7 20.9 31.3



#29
Terphenyl-d14
Concen: 0.485 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:244 Resp: 17962
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.6
122 12.8 7.9 11.9#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.162 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

Instrument :

BNA_N

ClientSampleId :

FB-030819

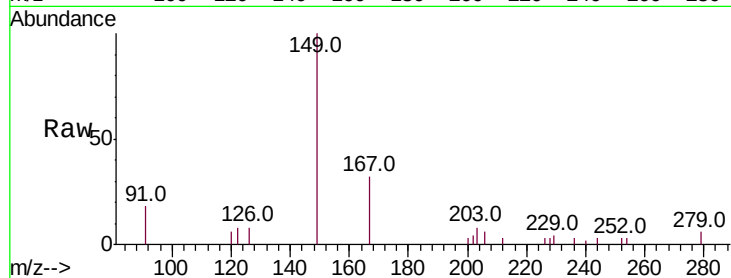
Tot Ion:149 Resp: 3855

Ion Ratio Lower Upper

149 100

167 30.1 23.0 34.4

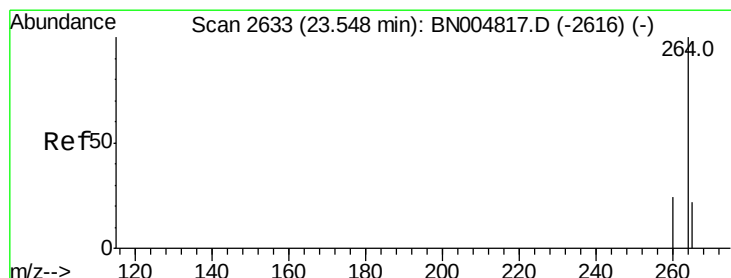
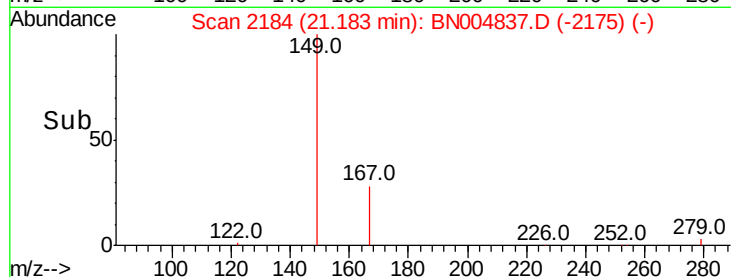
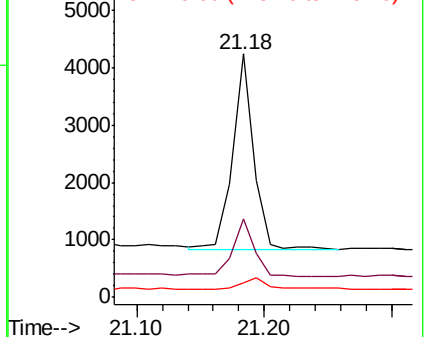
279 5.7 4.6 6.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.54 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN004837.D

Acq: 21 Mar 2019 01:51

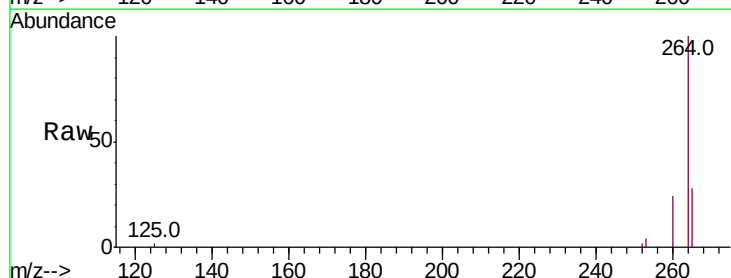
Tgt Ion:264 Resp: 17569

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 27.9 23.1 34.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

