

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004856.D
 Acq On : 21 Mar 2019 18:48
 Operator : JU/SJ
 Sample : PB117788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117788BL

Quant Time: Mar 22 02:01:50 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	2119	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	8958	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5868	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	16407	0.40	ng	0.01
27) Chrysene-d12	21.29	240	21538	0.40	ng	0.00
34) Perylene-d12	23.55	264	24708	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	1327	0.23	ng	0.00
5) Phenol-d6	6.90	99	1462	0.20	ng	0.02
8) Nitrobenzene-d5	8.88	82	1049	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	3192	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	613	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	5117	0.21	ng	0.00
25) Fluoranthene-d10	19.14	212	11311	0.21	ng	0.00
29) Terphenyl-d14	19.73	244	9431	0.21	ng	0.00

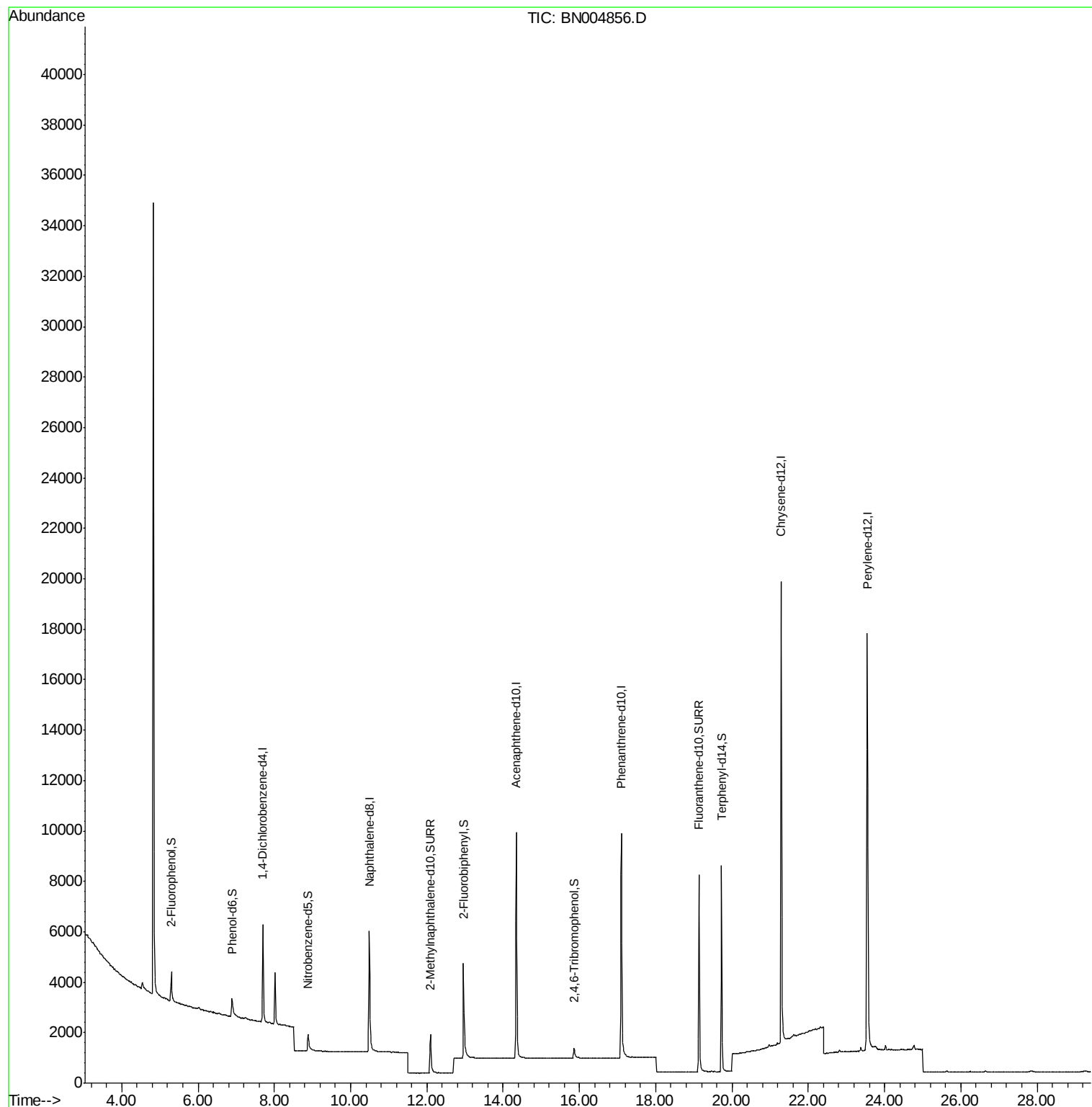
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004856.D

Acq: 21 Mar 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PB117788BL

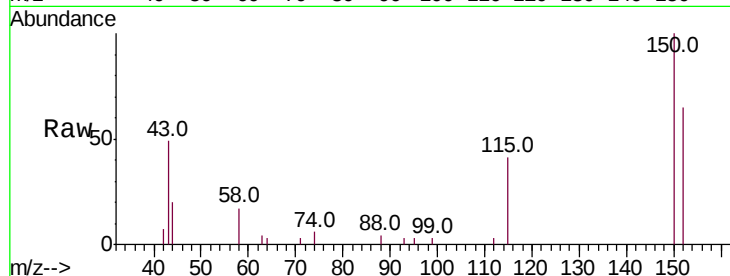
Tot Ion:152 Resp: 2119

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.4

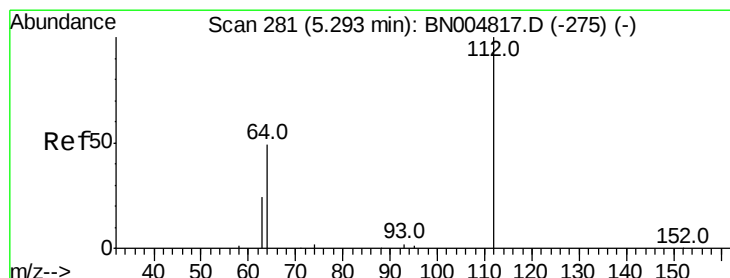
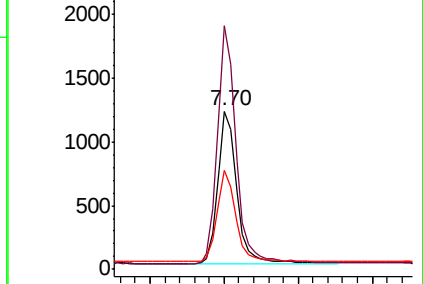
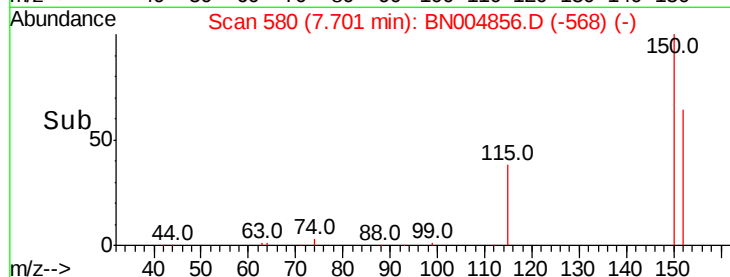
115 62.5 52.6 79.0



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: 0.230 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

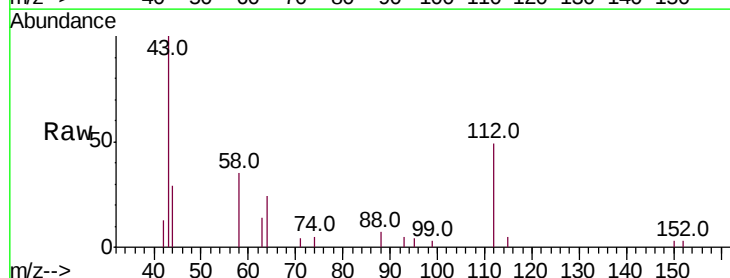
Tgt Ion:112 Resp: 1327

Ion Ratio Lower Upper

112 100

64 49.9 40.0 60.0

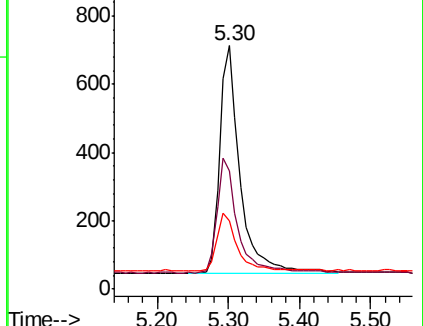
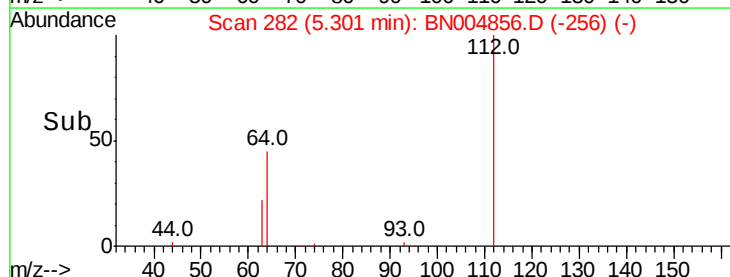
63 25.7 20.2 30.2



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: 0.204 ng

RT: 6.90 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PB117788BL

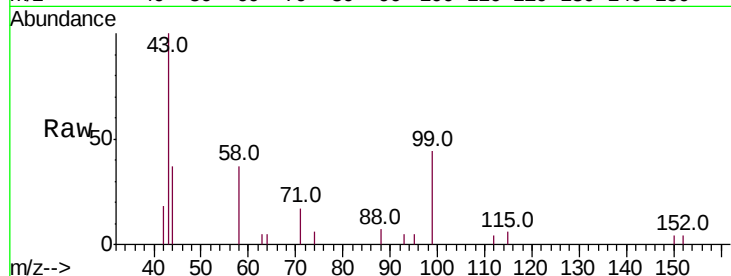
Tot Ion: 99 Resp: 1462

Ion Ratio Lower Upper

99 100

42 11.6 12.7 19.1#

71 32.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

600

500

400

300

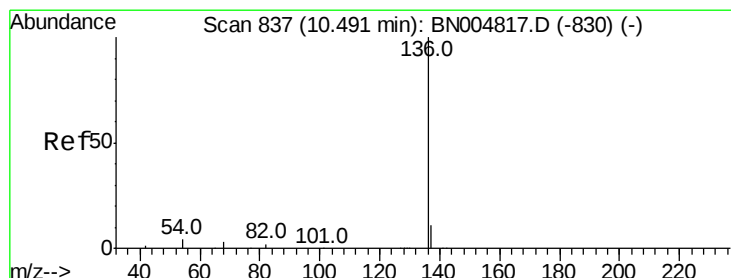
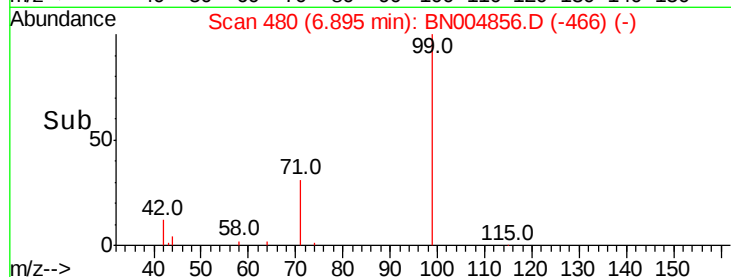
200

100

0

6.80 6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

Tgt Ion: 136 Resp: 8958

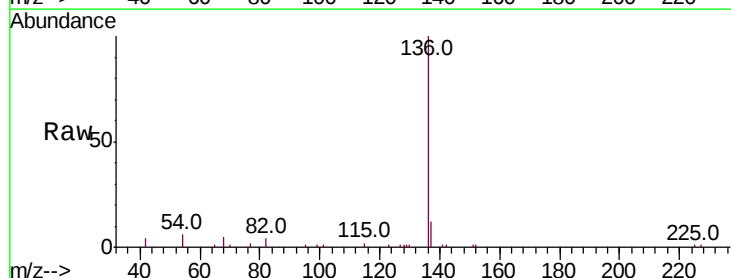
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 6.2 4.2 6.2#

68 5.5 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

6000

5000

4000

3000

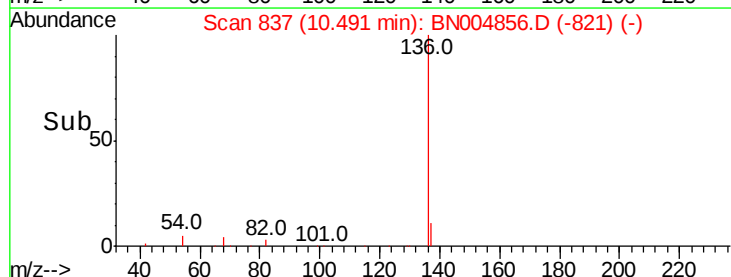
2000

1000

0

10.40 10.50 10.60 10.70

Time-->





#8

Nitrobenzene-d5

Concen: 0.177 ng

RT: 8.88 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PB117788BL

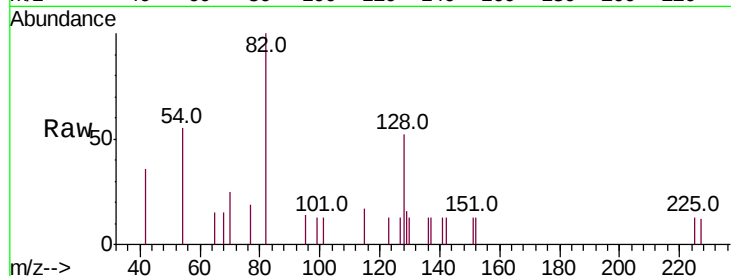
Tot Ion: 82 Resp: 1049

Ion Ratio Lower Upper

82 100

128 52.2 43.0 64.6

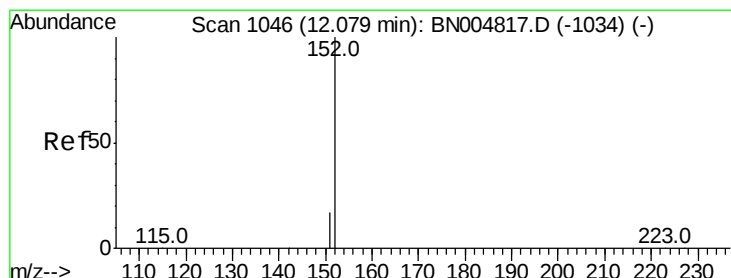
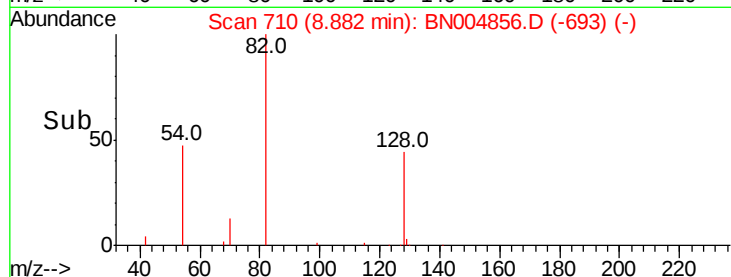
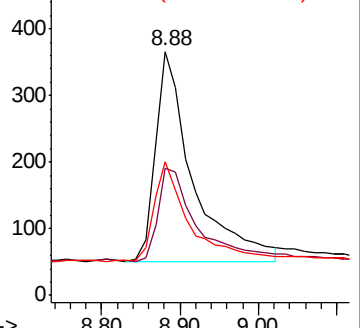
54 54.6 35.3 52.9#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.204 ng

RT: 12.09 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BN004856.D

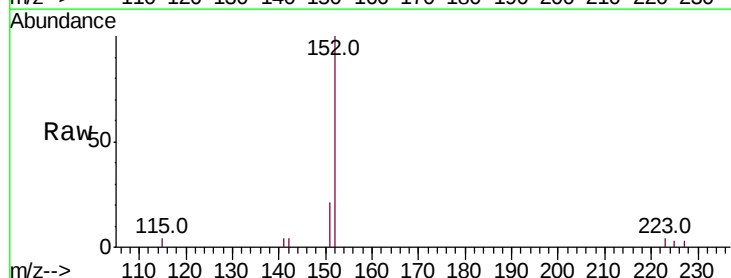
Acq: 21 Mar 2019 18:48

Tgt Ion: 152 Resp: 3192

Ion Ratio Lower Upper

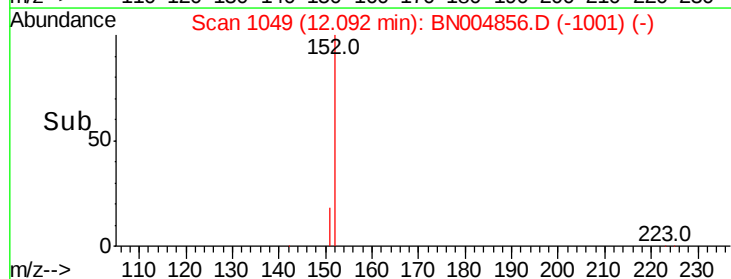
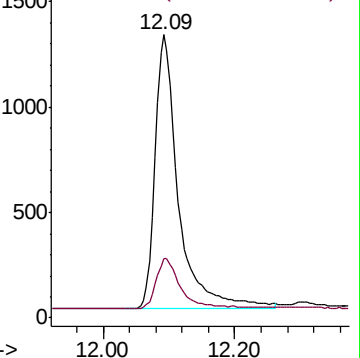
152 100

151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PB117788BL

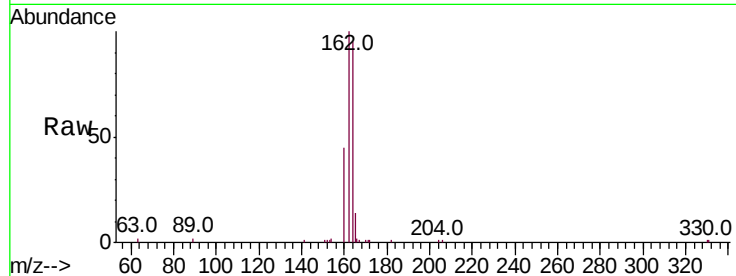
Tot Ion:164 Resp: 5868

Ion Ratio Lower Upper

164 100

162 105.7 81.9 122.9

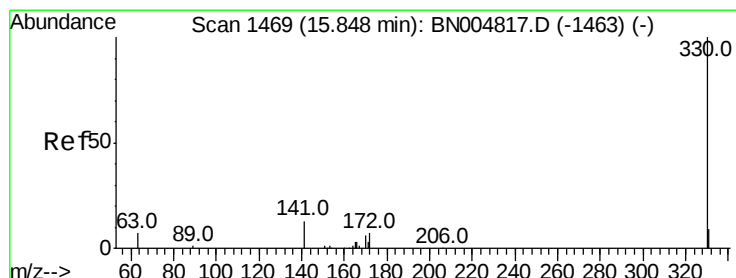
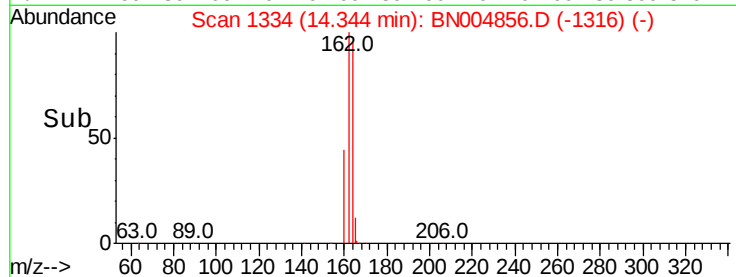
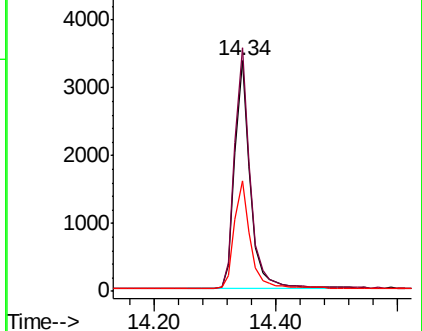
160 47.8 36.6 54.8



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: 0.151 ng

RT: 15.86 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

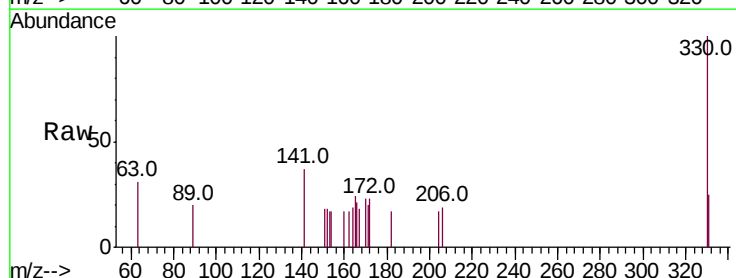
Tgt Ion:330 Resp: 613

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

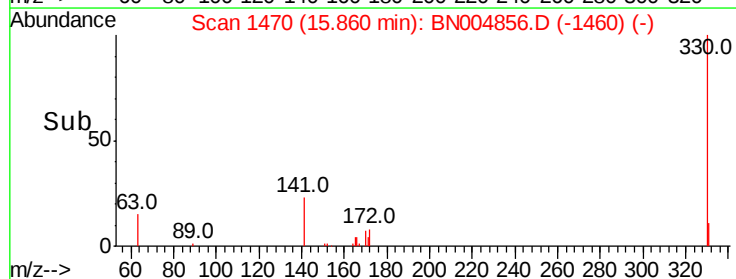
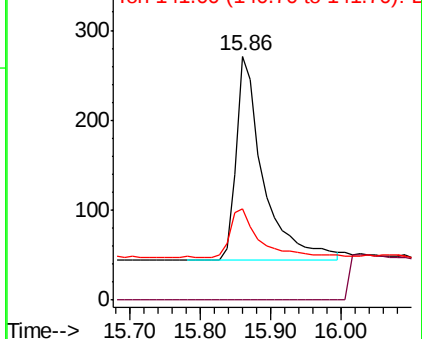
141 25.8 20.9 31.3

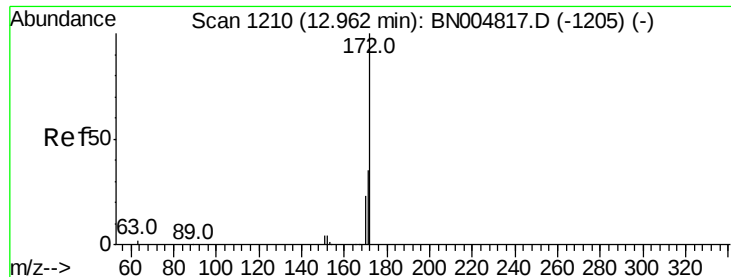


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

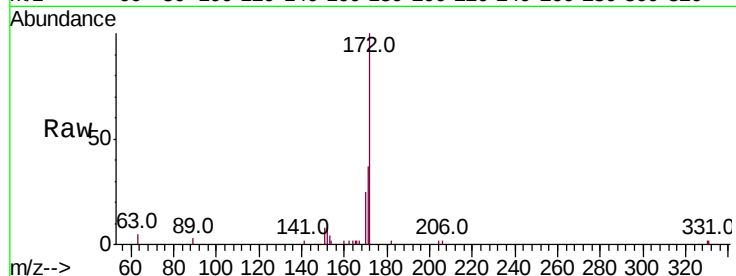




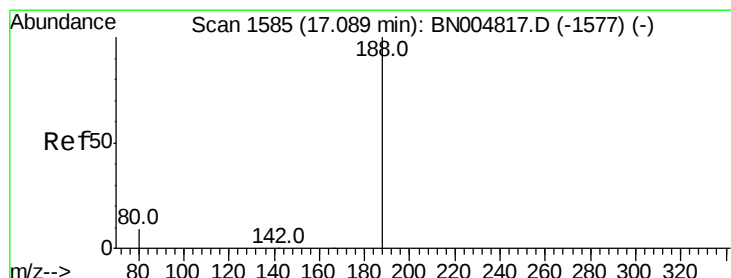
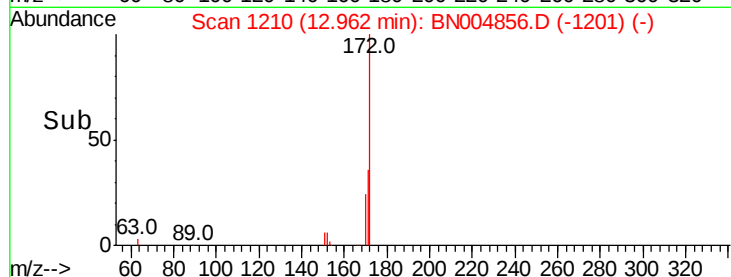
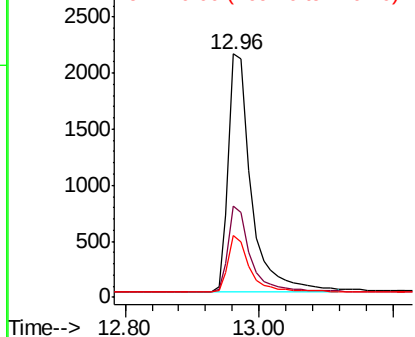
#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004856.D
Acq: 21 Mar 2019 18:48

Instrument :
BNA_N
ClientSampleId :
PB117788BL

Tot Ion:172 Resp: 5117
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 25.3 18.7 28.1

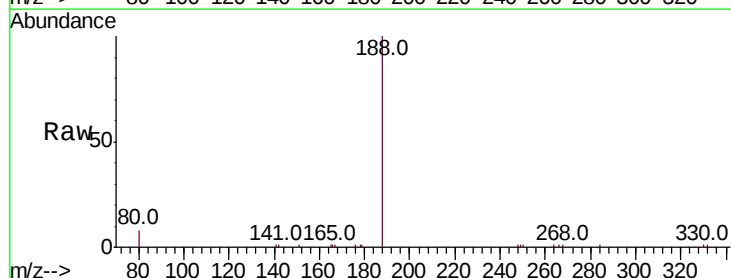


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

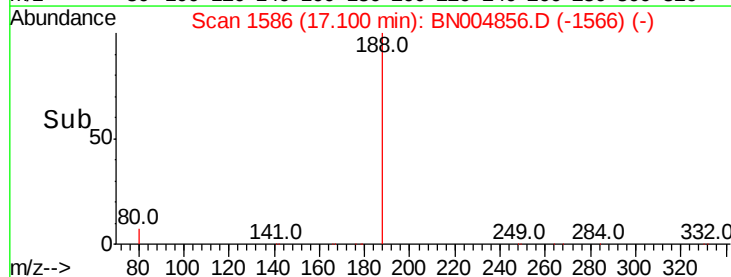
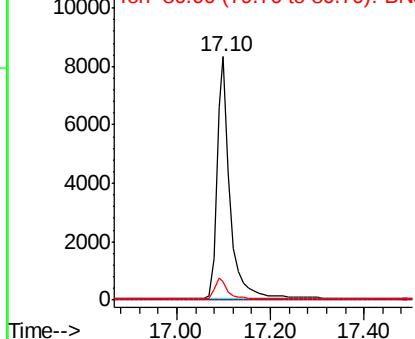


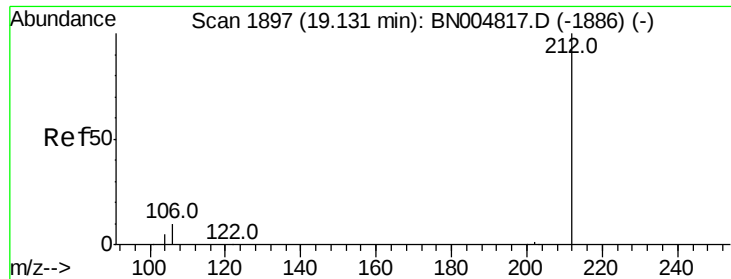
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN004856.D
Acq: 21 Mar 2019 18:48

Tgt Ion:188 Resp: 16407
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 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

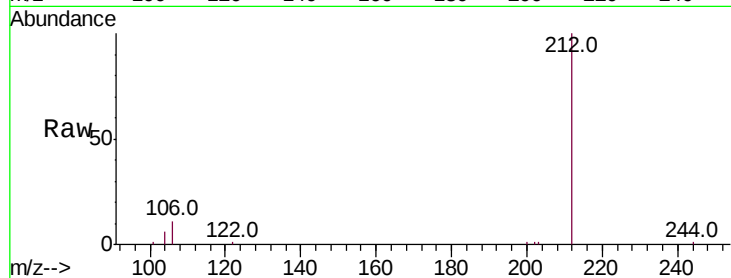




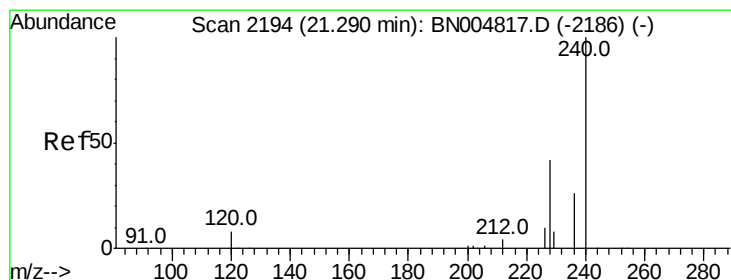
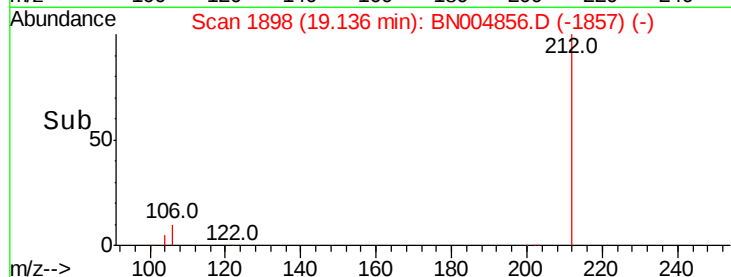
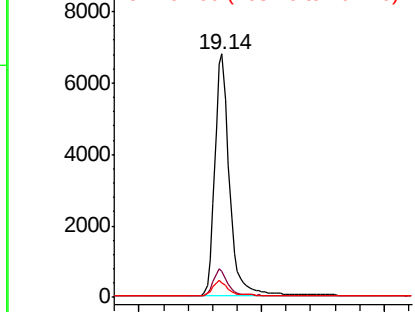
#25
Fluoranthene-d10
Concen: 0.206 ng
RT: 19.14 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BN004856.D
Acq: 21 Mar 2019 18:48

Instrument :
BNA_N
ClientSampleId :
PB117788BL

Tot Ion:212 Resp: 11311
Ion Ratio Lower Upper
212 100
106 10.8 8.6 13.0
104 6.0 4.7 7.1

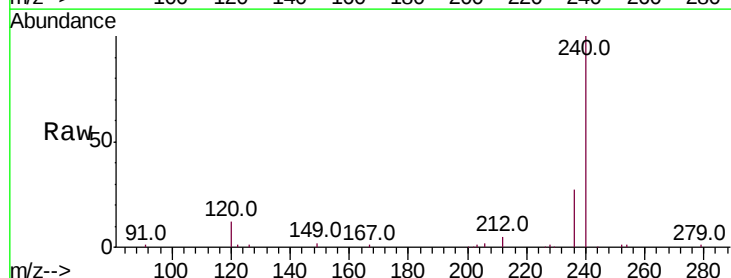


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

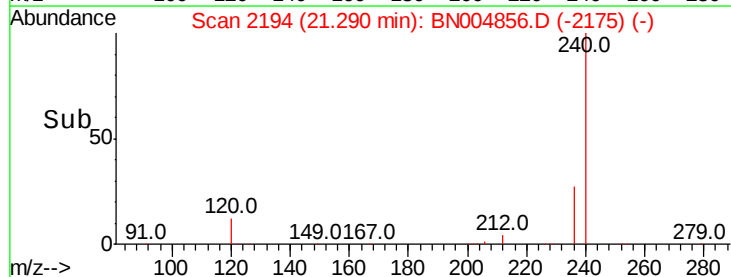
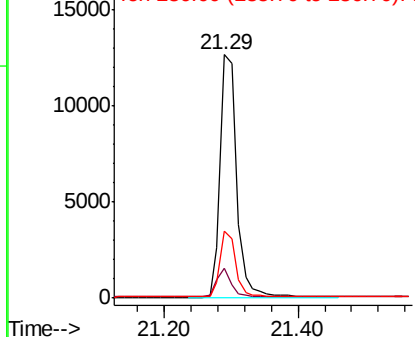


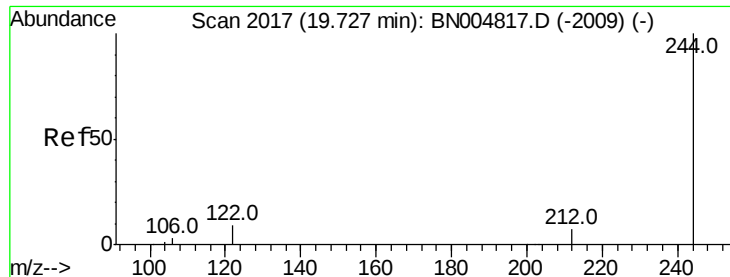
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004856.D
Acq: 21 Mar 2019 18:48

Tgt Ion:240 Resp: 21538
Ion Ratio Lower Upper
240 100
120 12.1 7.2 10.8#
236 27.4 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: 0.214 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

Instrument :

BNA_N

ClientSampleId :

PB117788BL

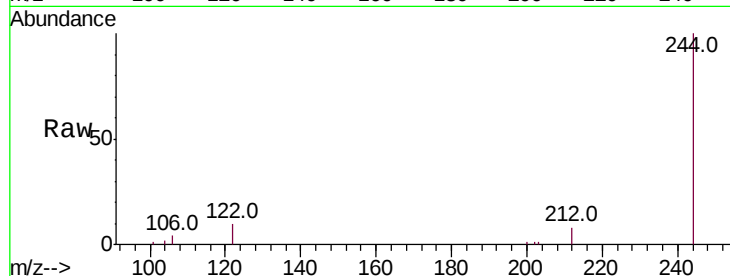
Tot Ion:244 Resp: 9431

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

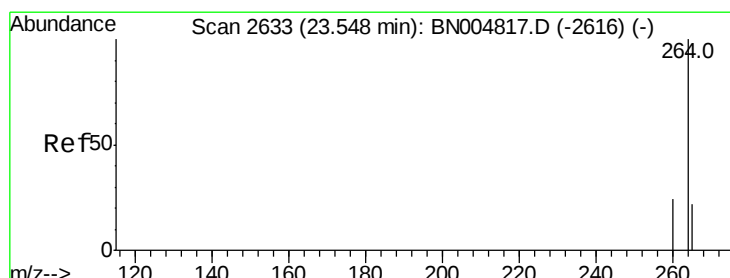
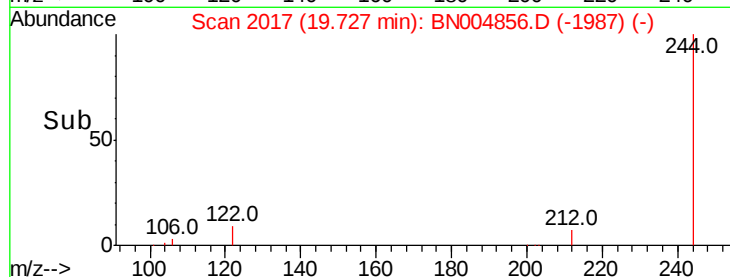
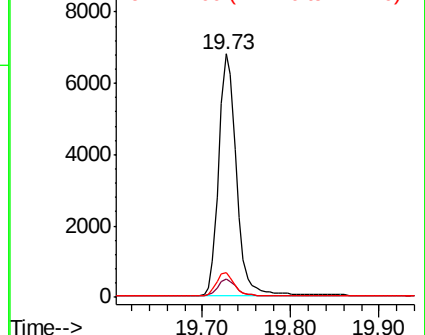
122 10.1 7.9 11.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.55 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BN004856.D

Acq: 21 Mar 2019 18:48

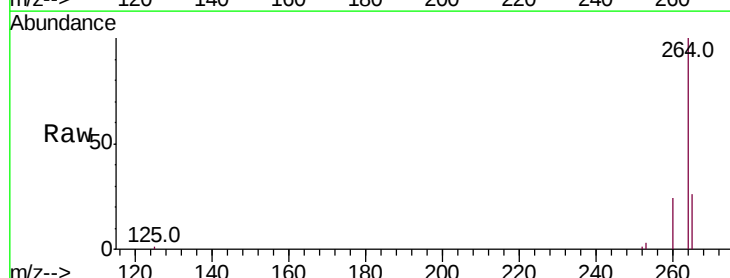
Tgt Ion:264 Resp: 24708

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 26.3 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

