

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111807.D
 Acq On : 2 Jan 2019 13:21
 Operator : JU/SJ
 Sample : PB116085BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BL

Quant Time: Jan 02 14:24:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175563	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	684903	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	363561	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	718431	20.00	ng	0.01
76) Chrysene-d12	14.06	240	555183	20.00	ng	0.01
87) Perylene-d12	15.55	264	368607	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	145027	14.08	ng	0.02
7) Phenol-d6	6.53	99	188756	14.40	ng	0.01
23) Nitrobenzene-d5	7.46	82	115406	9.81	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	40573	9.44	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	260569	10.45	ng	0.00
79) Terphenyl-d14	13.00	244	317877	10.86	ng	0.00

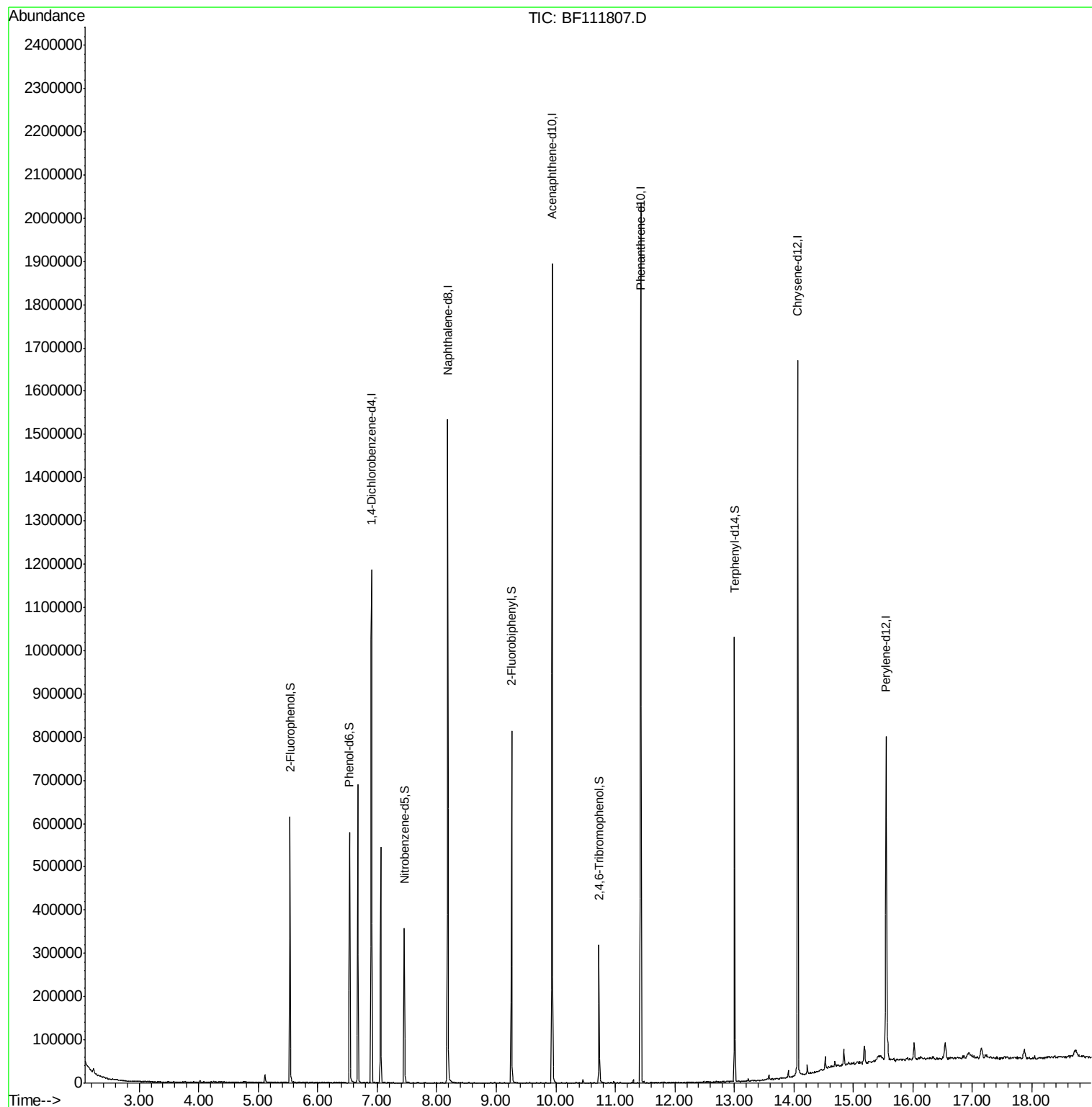
Target Compounds Qvalue

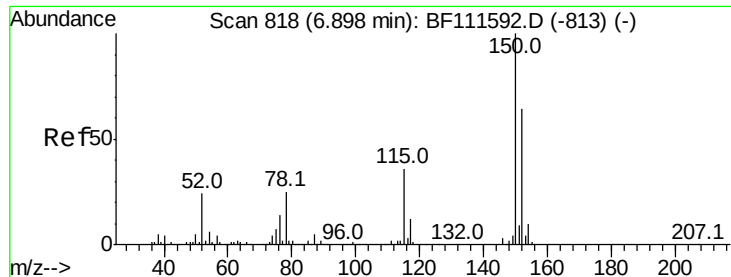
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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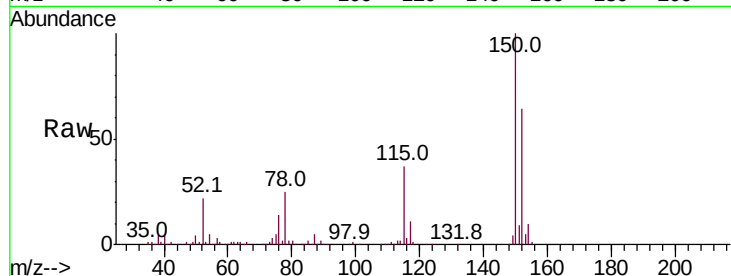


#1

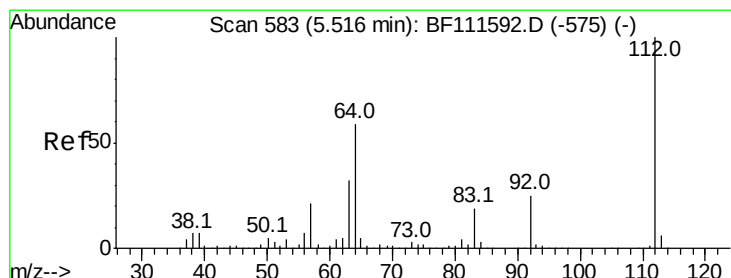
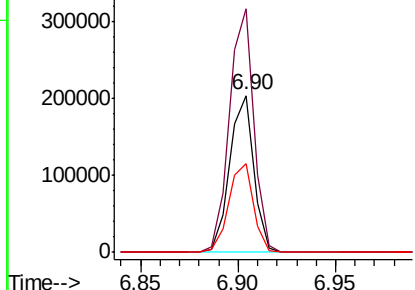
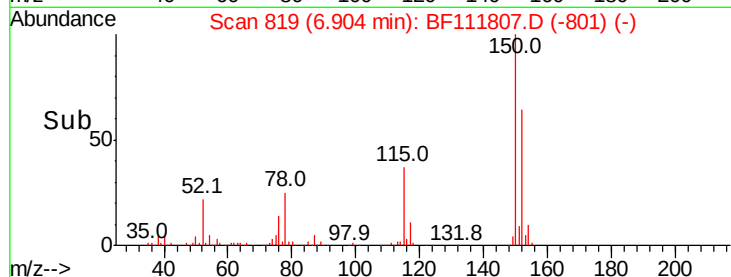
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Instrument :
BNA_F
ClientSampleId :
PB116085BL

Tot Ion:152 Resp: 175563
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 56.9 50.7 76.1



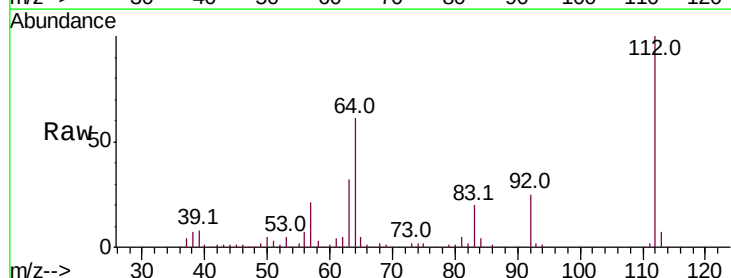
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



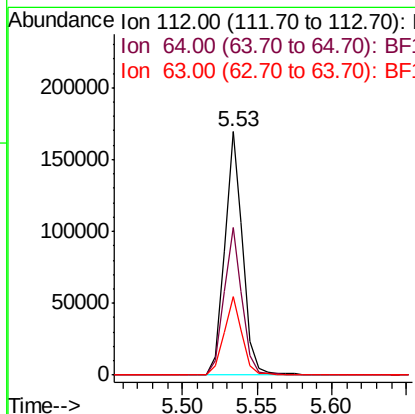
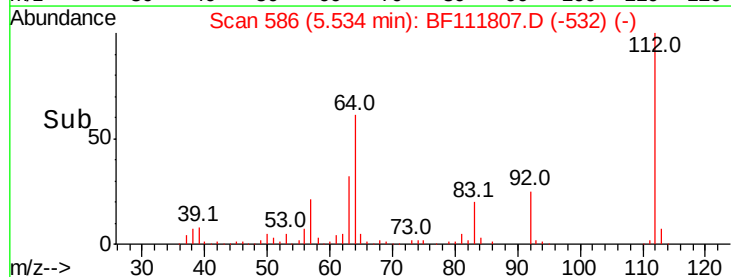
#5

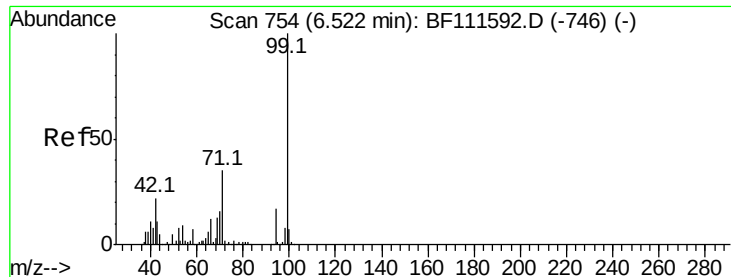
2-Fluorophenol
Concen: 14.081 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Tgt Ion:112 Resp: 145027
Ion Ratio Lower Upper
112 100
64 60.8 51.8 77.6
63 32.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.400 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampleId :

PB116085BL

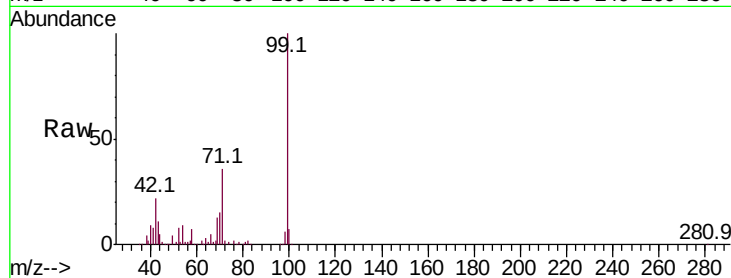
Tot Ion: 99 Resp: 188756

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

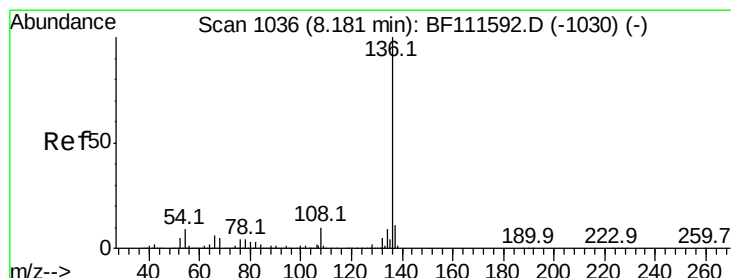
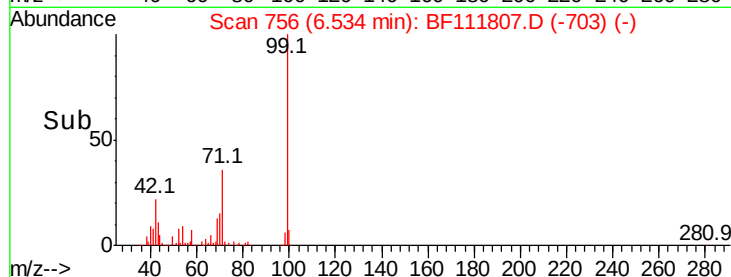
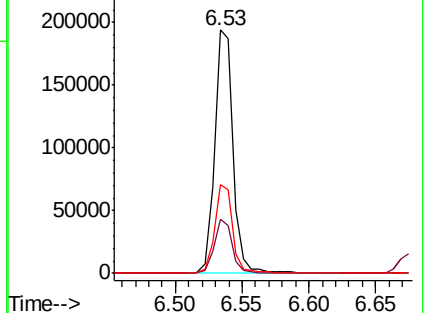
71 36.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Tgt Ion: 136 Resp: 684903

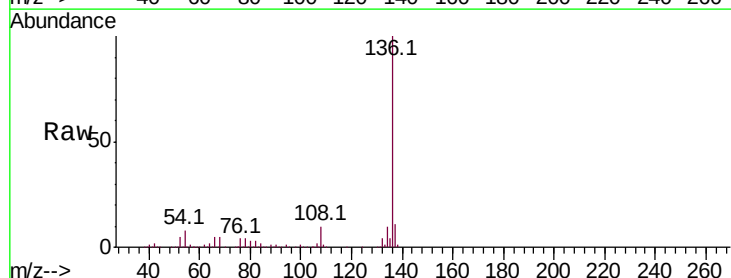
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.2 7.7 11.5

68 4.6 4.9 7.3#

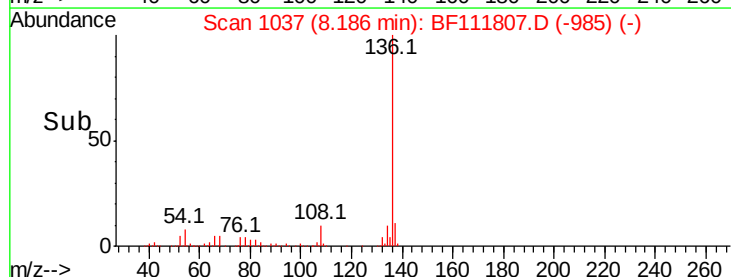
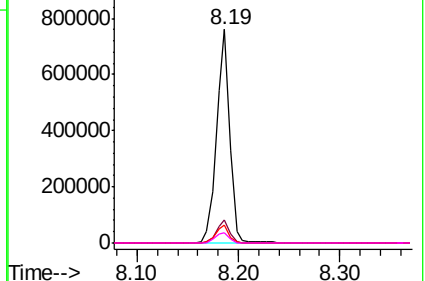


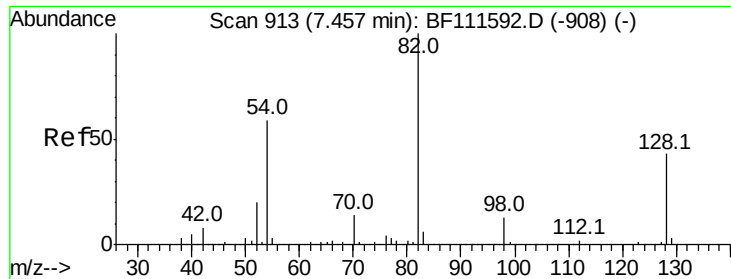
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

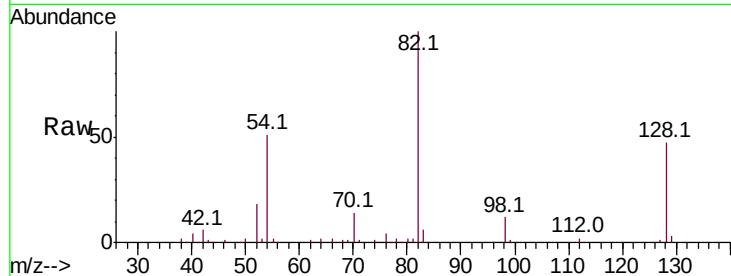




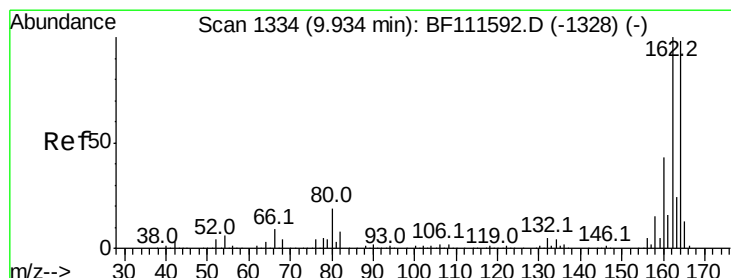
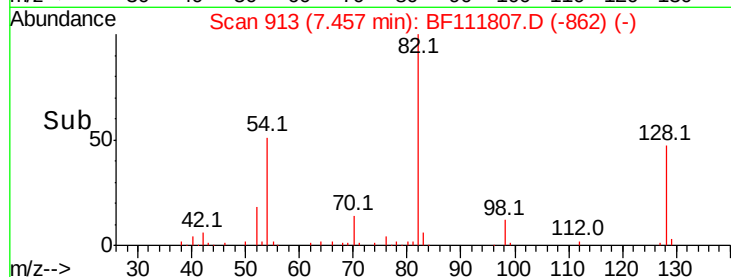
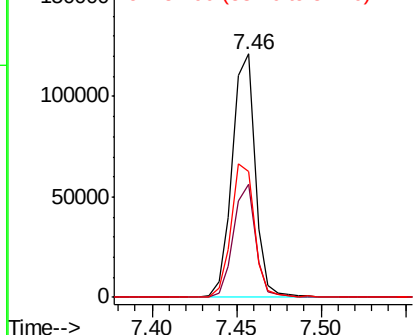
#23
Nitrobenzene-d5
Concen: 9.808 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Instrument :
BNA_F
ClientSampleId :
PB116085BL

Tot Ion: 82 Resp: 115406
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 51.5 47.6 71.4

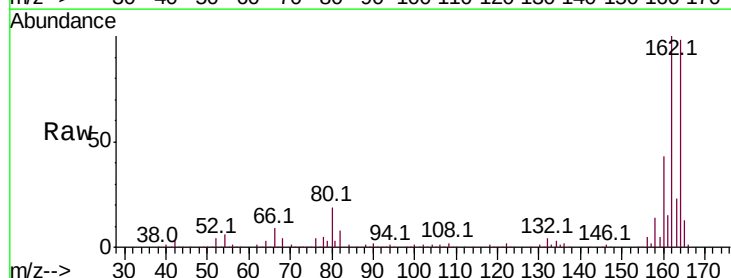


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

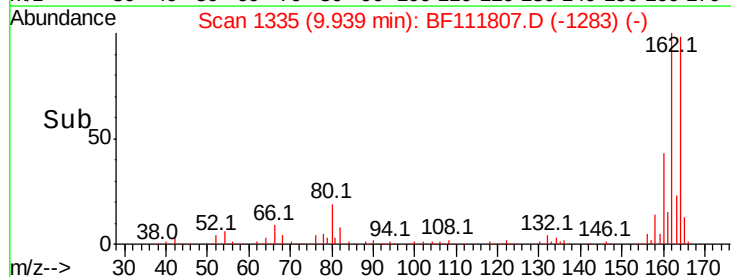
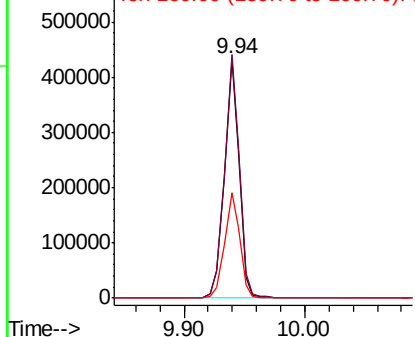


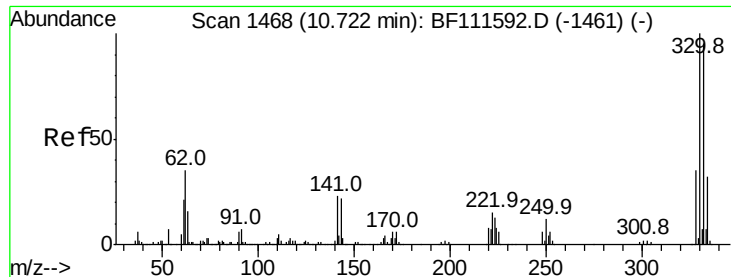
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111807.D
Acq: 2 Jan 2019 13:21

Tgt Ion:164 Resp: 363561
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 43.9 35.7 53.5



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

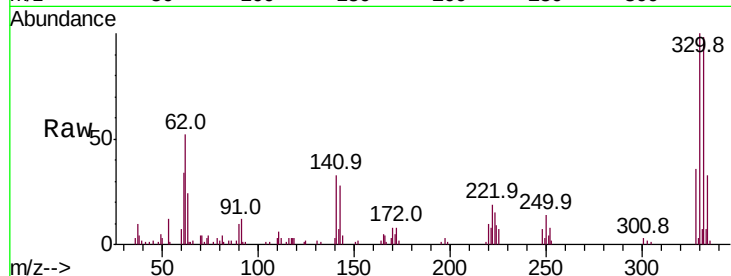




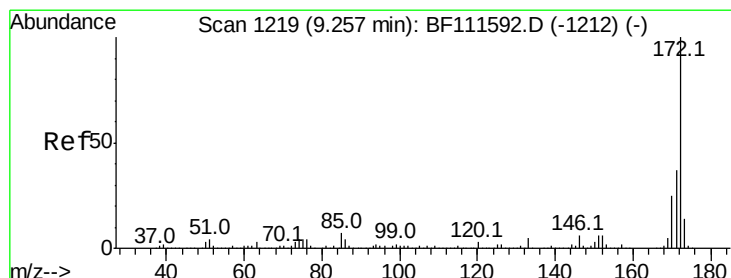
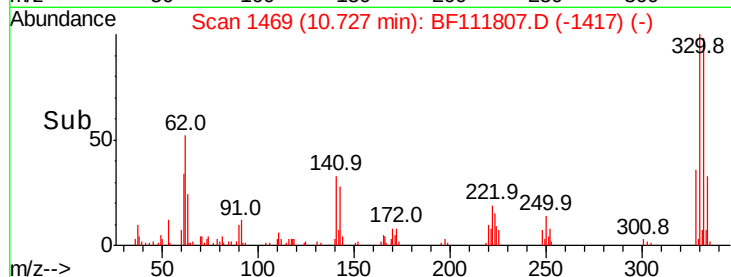
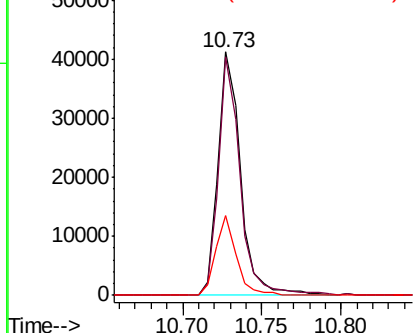
#42
 2,4,6-Tribromophenol
 Concen: 9.445 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB116085BL

Tot Ion:330 Resp: 40573
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.0 114.0
 141 30.0 31.0 46.6#

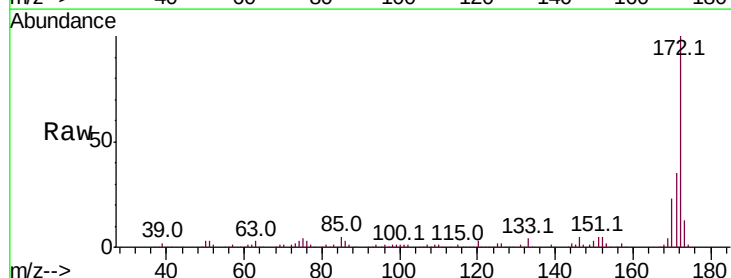


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

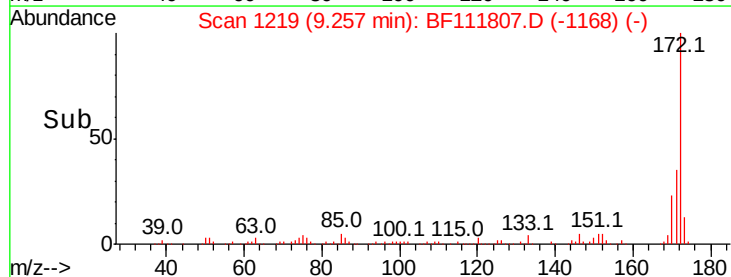
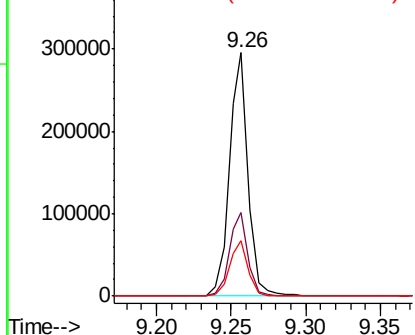


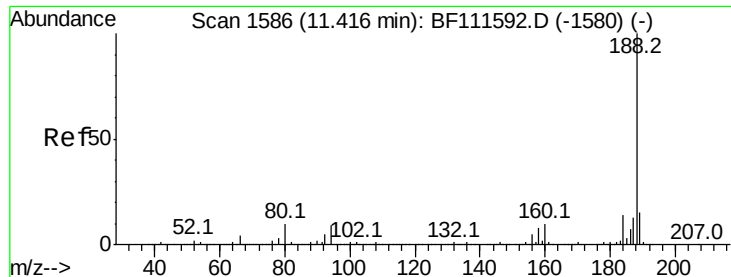
#45
 2-Fluorobiphenyl
 Concen: 10.447 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111807.D
 Acq: 2 Jan 2019 13:21

Tgt Ion:172 Resp: 260569
 Ion Ratio Lower Upper
 172 100
 171 34.5 33.0 49.4
 170 22.9 22.3 33.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampleId :

PB116085BL

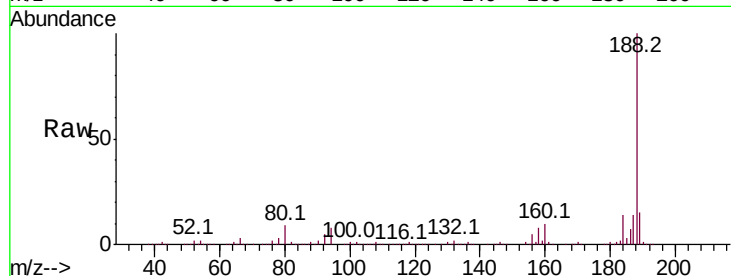
Tot Ion:188 Resp: 718431

Ion Ratio Lower Upper

188 100

94 8.3 9.6 14.4#

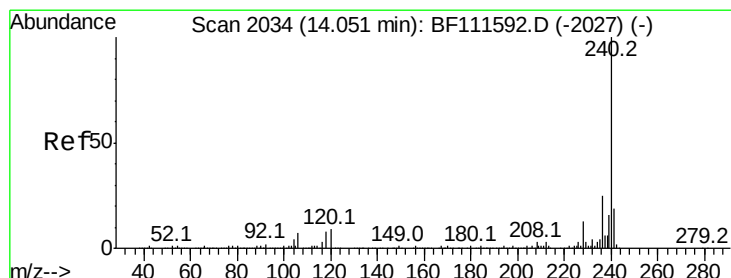
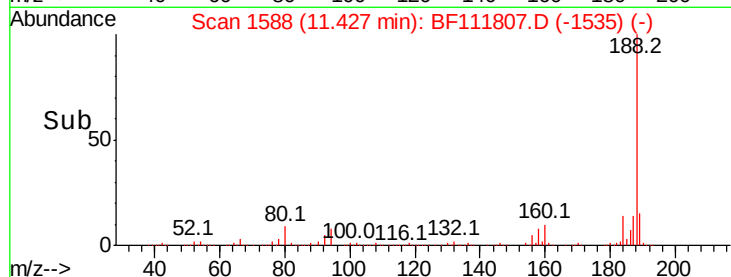
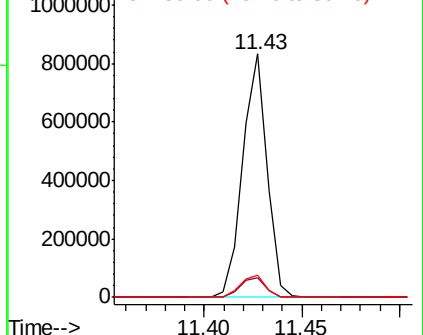
80 9.3 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

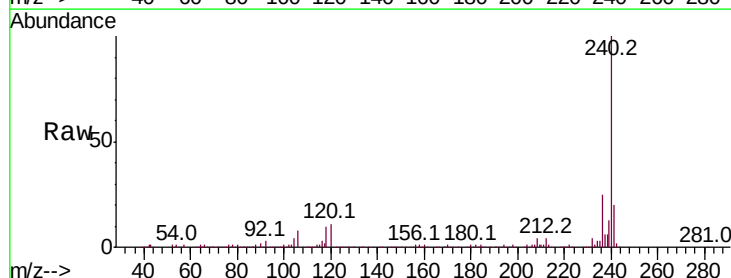
Tgt Ion:240 Resp: 555183

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

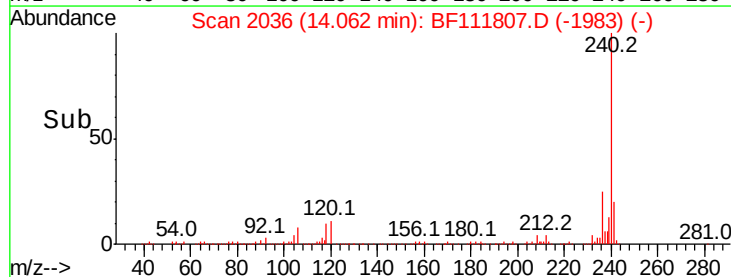
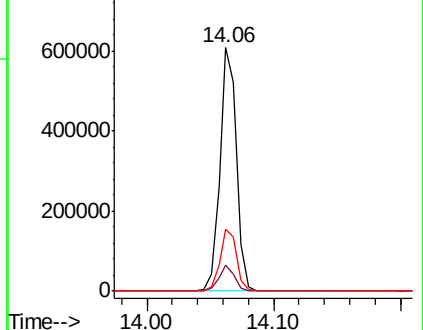
236 25.3 20.2 30.2

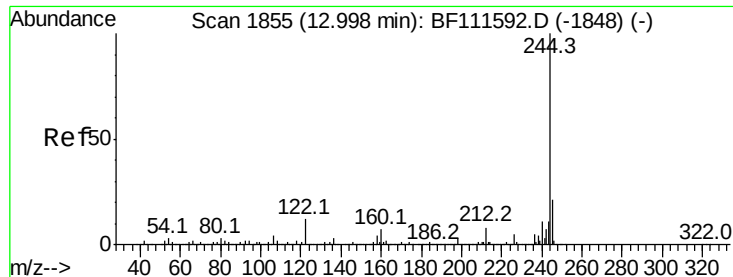


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.858 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Instrument :

BNA_F

ClientSampleId :

PB116085BL

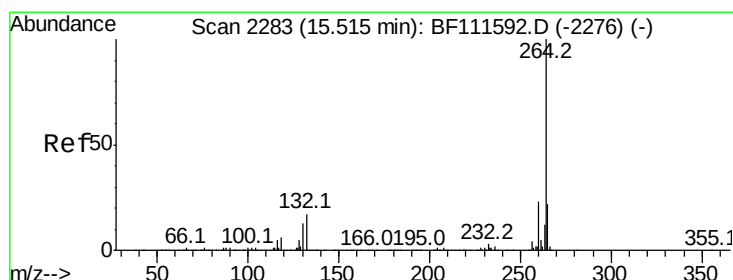
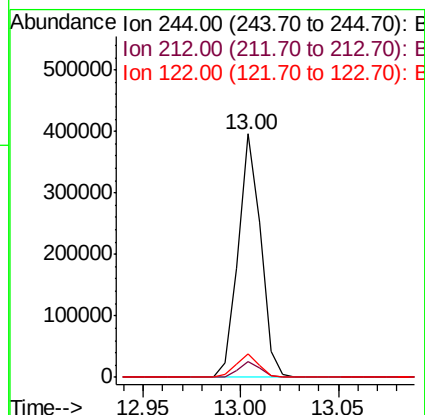
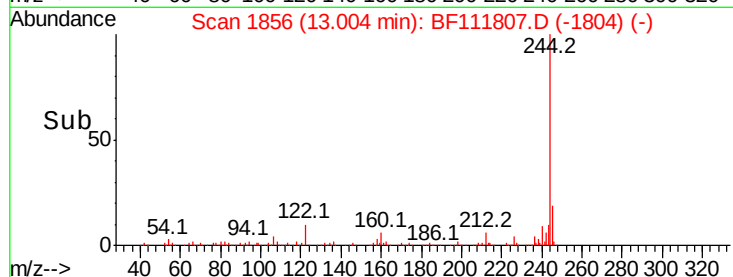
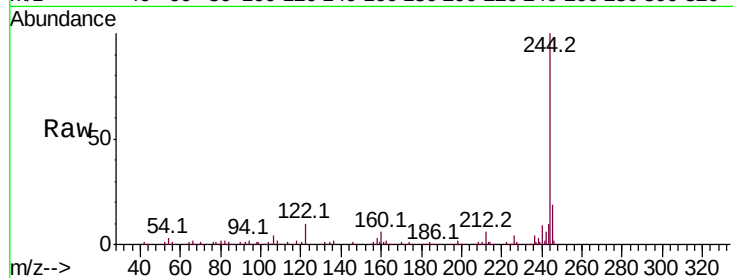
Tot Ion:244 Resp: 317877

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 9.8 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111807.D

Acq: 2 Jan 2019 13:21

Tgt Ion:264 Resp: 368607

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.5 17.7 26.5

