

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091983.D
 Acq On : 27 Dec 2016 22:28
 Operator : UM/SJ
 Sample : H6245-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Quant Time: Dec 28 01:17:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	249336	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	902373	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	449288	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	756468	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	564585	20.00	ng	-0.01
86) Perylene-d12	15.29	264	431907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	913058	61.14	ng	0.00
7) Phenol-d6	6.40	99	747934	41.02	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1349331	83.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	484872	130.41	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2457269	116.90	ng	-0.01
78) Terphenyl-d14	12.84	244	1912655	82.16	ng	-0.01

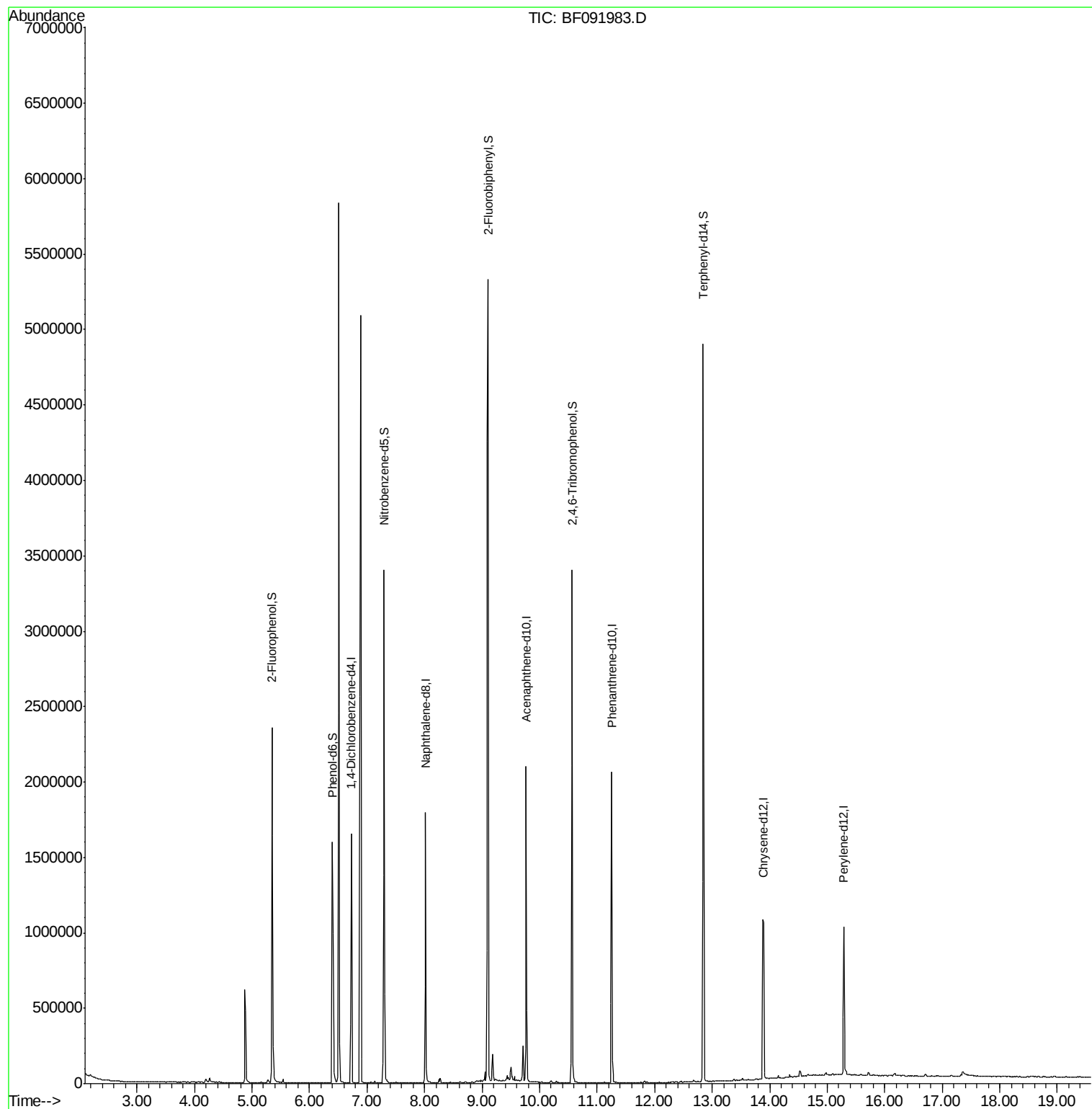
Target Compounds Qvalue

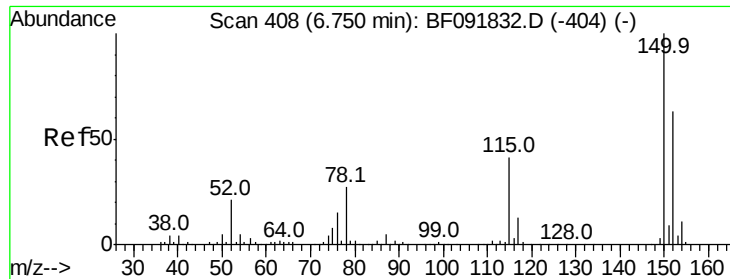
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091832.D

Acq: 27 Dec 2016 22:28

Instrument :

BNA_F

ClientSampleId :

LIP-16

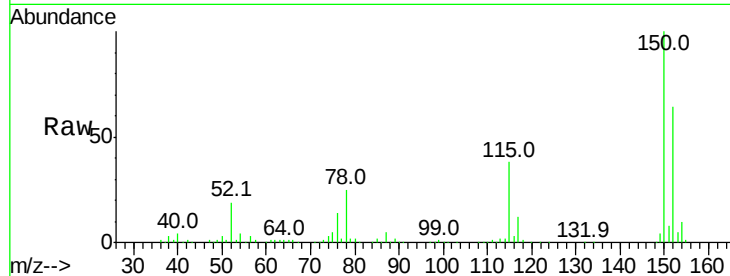
Tot Ion:152 Resp: 249336

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

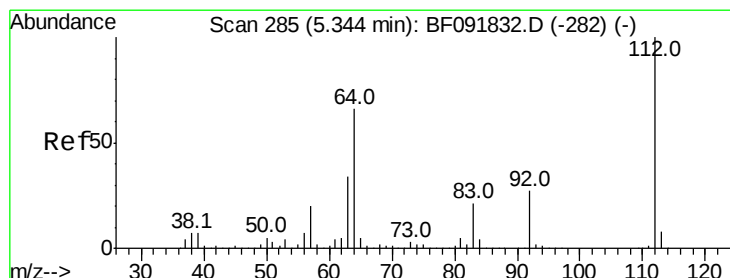
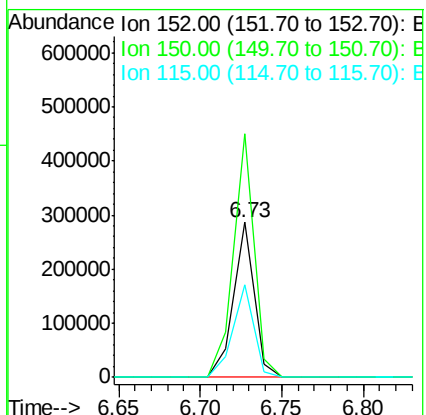
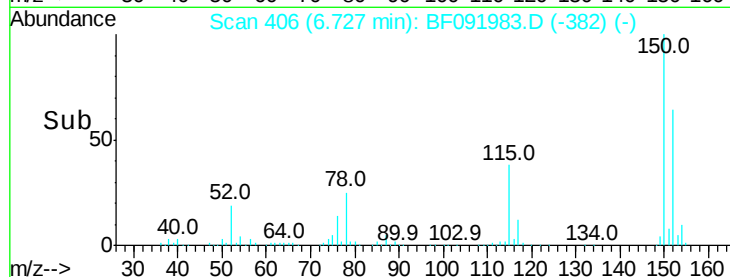
115 59.7 46.0 69.0



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



#5

2-Fluorophenol

Concen: 61.14 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 27 Dec 2016 22:28

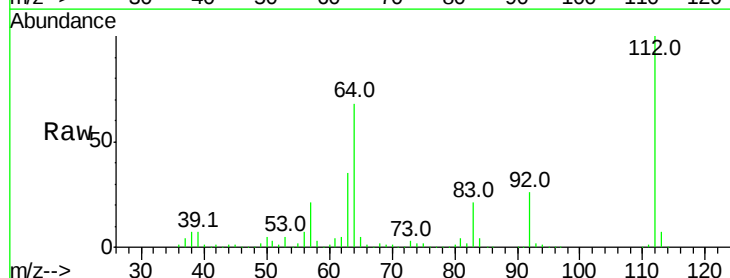
Tgt Ion:112 Resp: 913058

Ion Ratio Lower Upper

112 100

64 68.0 46.1 69.1

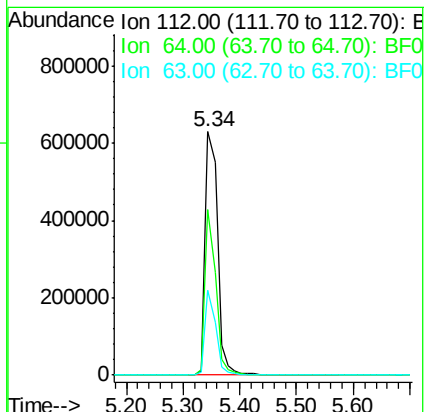
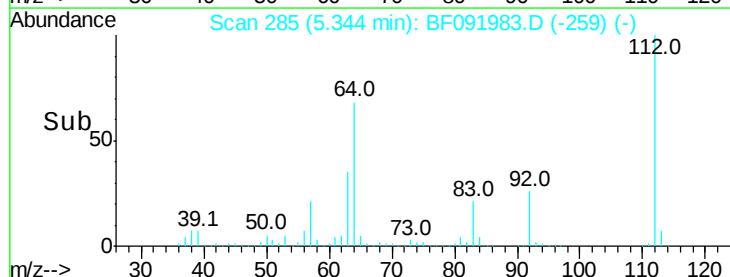
63 34.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.02 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091832.D

Acq: 27 Dec 2016 22:28

Instrument :

BNA_F

ClientSampleId :

LIP-16

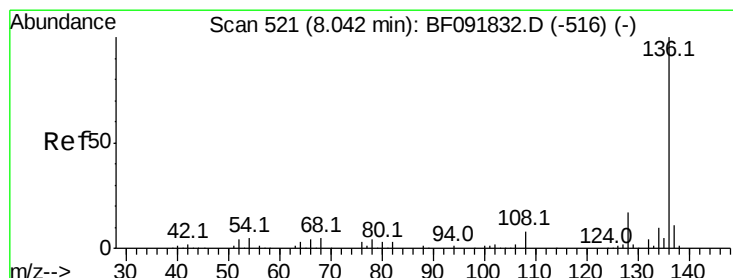
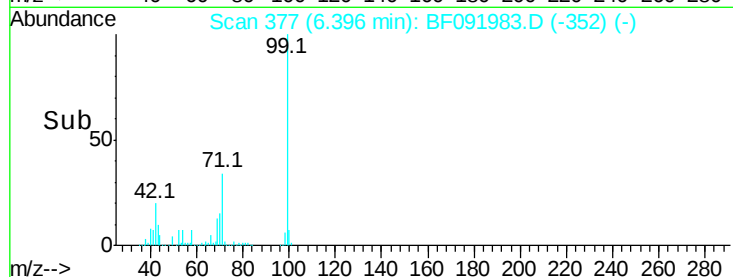
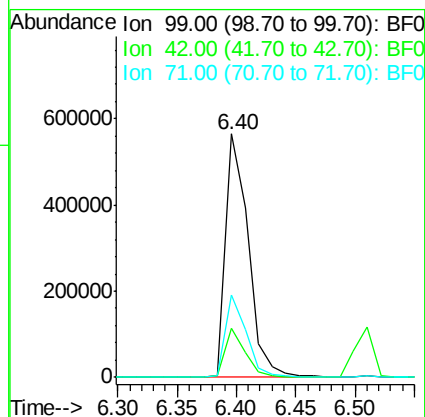
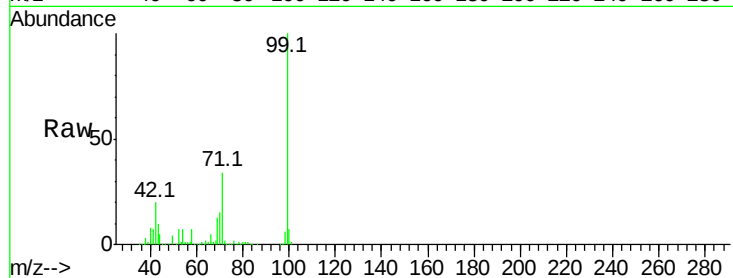
Tot Ion: 99 Resp: 747934

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 33.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091832.D

Acq: 27 Dec 2016 22:28

Tgt Ion: 136 Resp: 902373

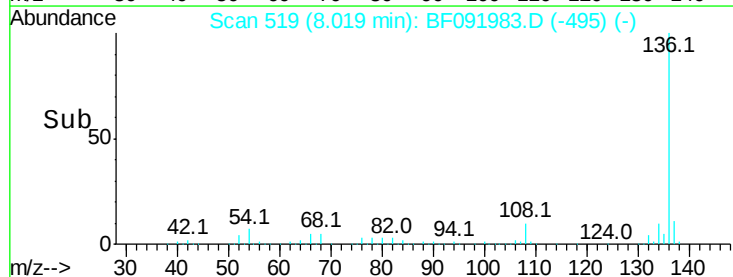
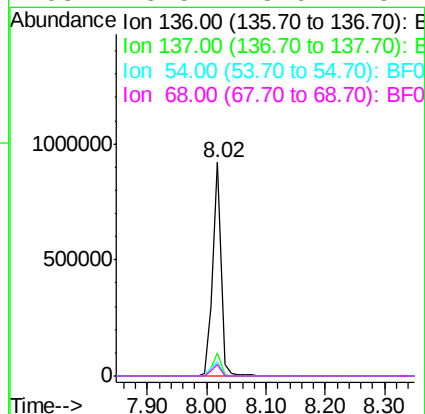
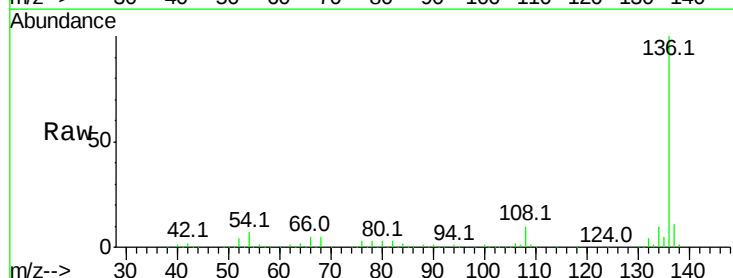
Ion Ratio Lower Upper

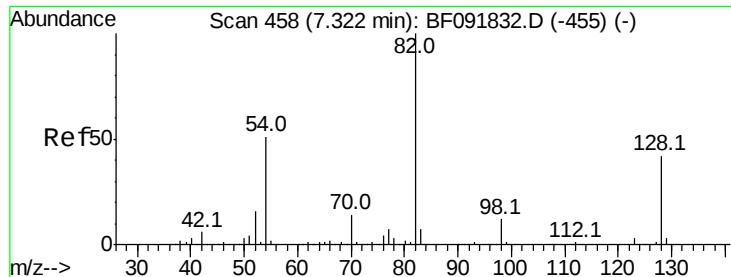
136 100

137 11.1 8.4 12.6

54 6.7 4.5 6.7#

68 5.5 3.6 5.4#



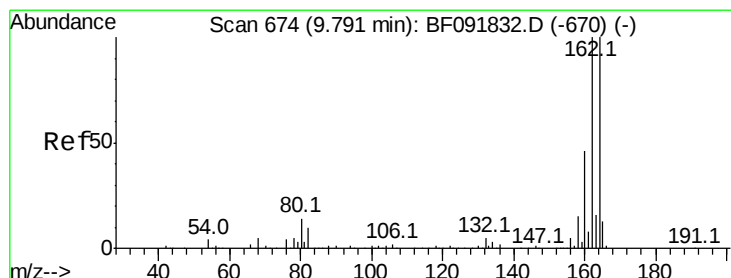
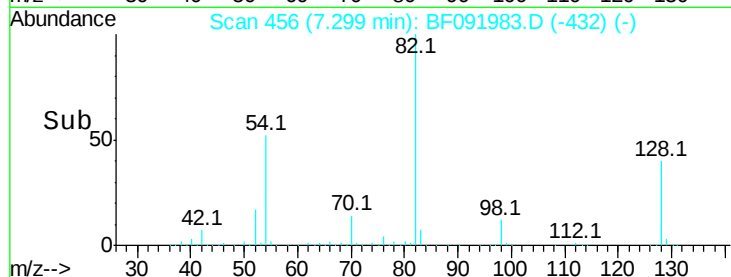
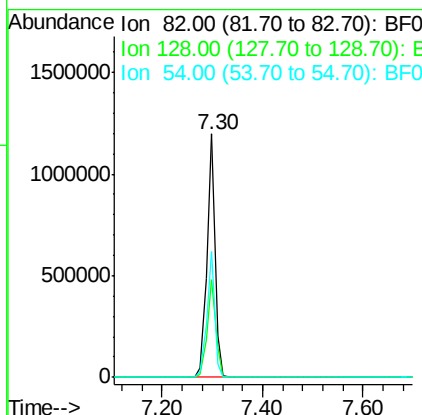
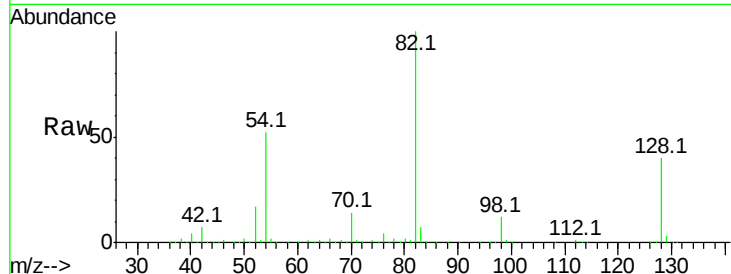


#23
 Nitrobenzene-d5
 Concen: 83.15 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091832.D
 Acq: 27 Dec 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion: 82 Resp: 1349331

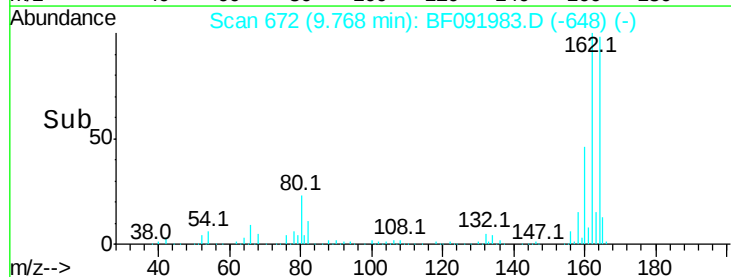
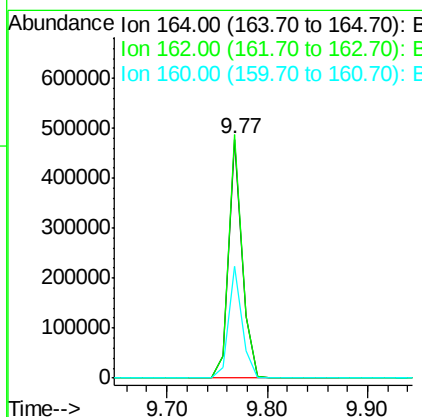
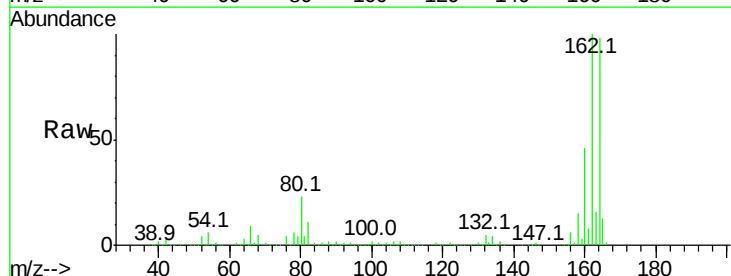
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	51.5	39.5	59.3

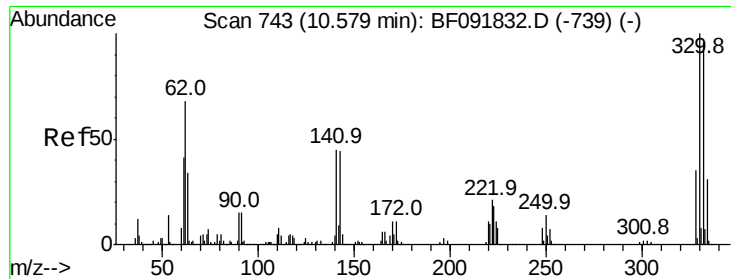


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091832.D
 Acq: 27 Dec 2016 22:28

Tgt Ion:164 Resp: 449288

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	46.7	36.9	55.3

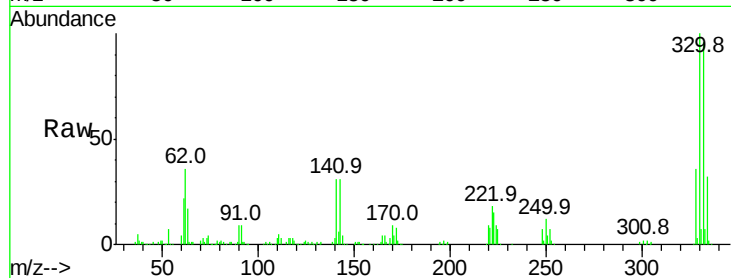




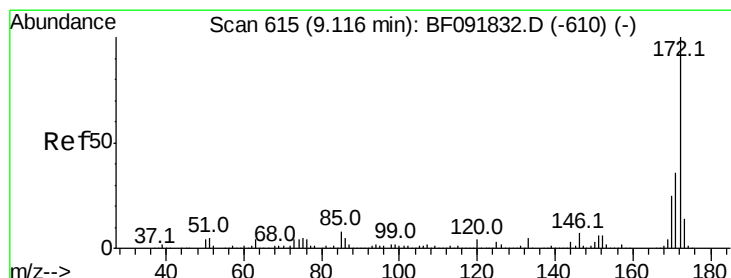
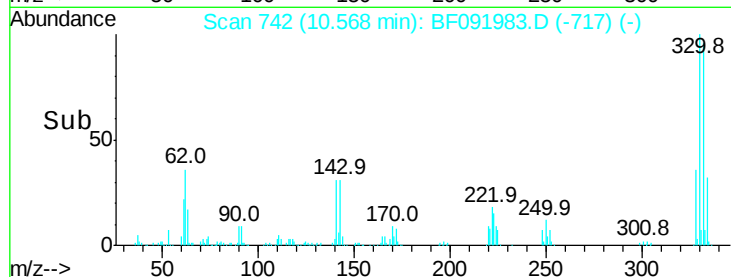
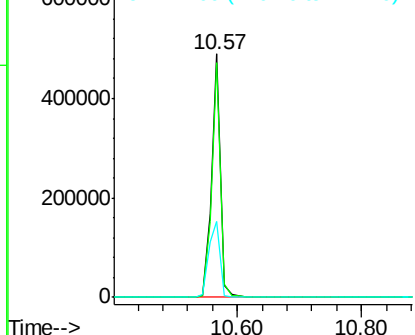
#41
 2,4,6-Tribromophenol
 Concen: 130.41 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091832.D
 Acq: 27 Dec 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion:330 Resp: 484872
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 39.5 34.1 51.1

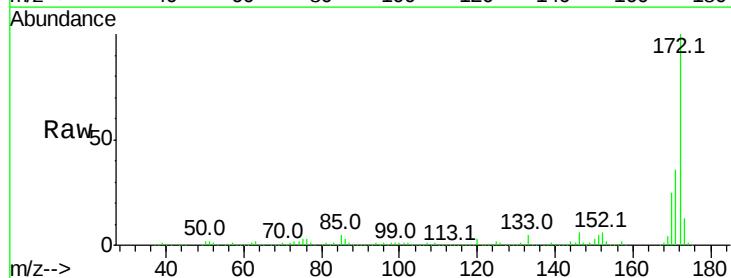


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

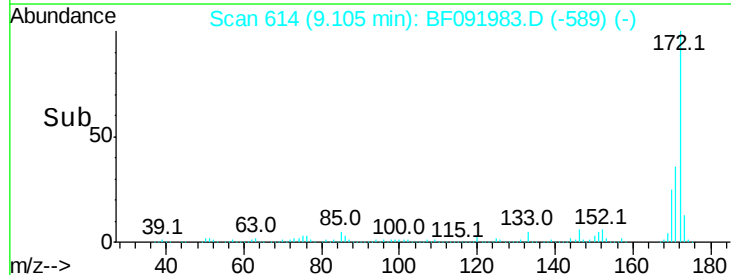
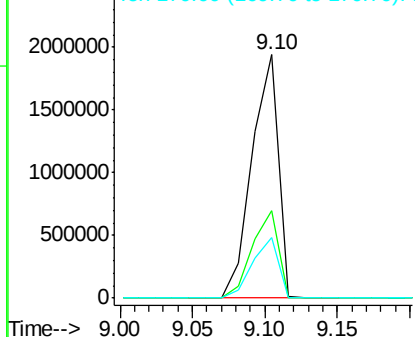


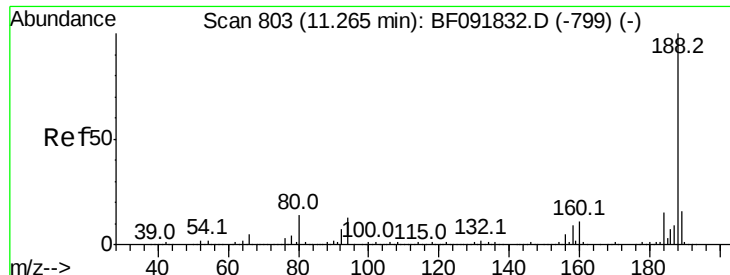
#44
 2-Fluorobiphenyl
 Concen: 116.90 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091832.D
 Acq: 27 Dec 2016 22:28

Tgt Ion:172 Resp: 2457269
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.7 20.2 30.4



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

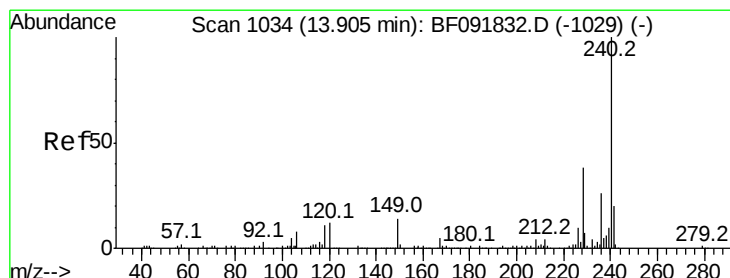
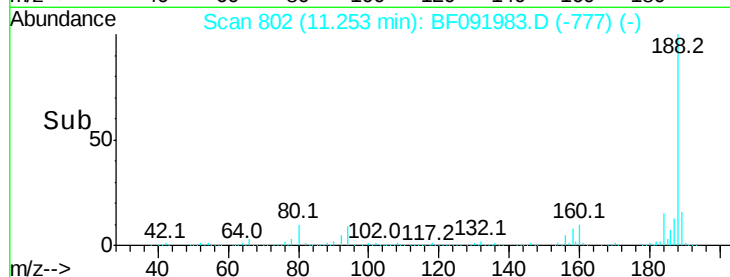
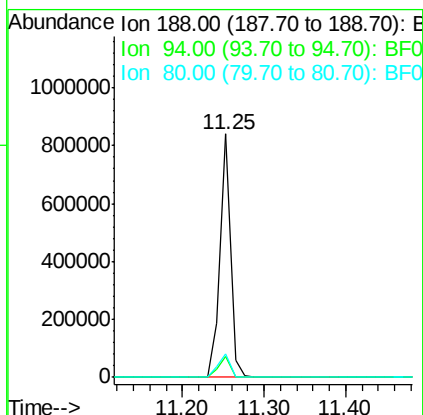
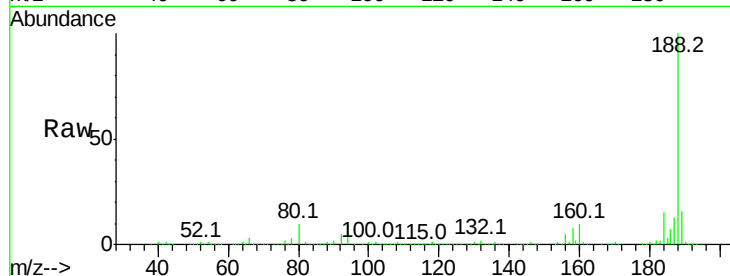




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091983.D
Acq: 27 Dec 2016 22:28

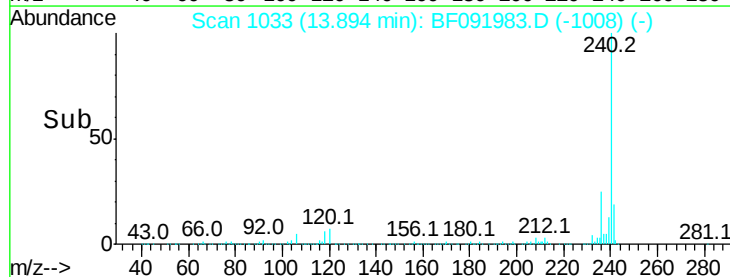
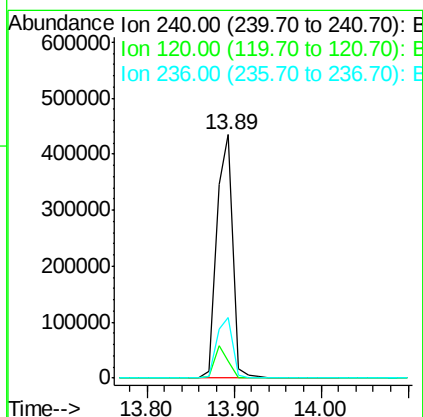
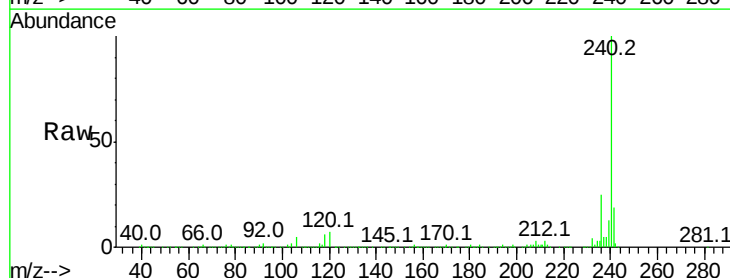
Instrument :
BNA_F
ClientSampled :
LIP-16

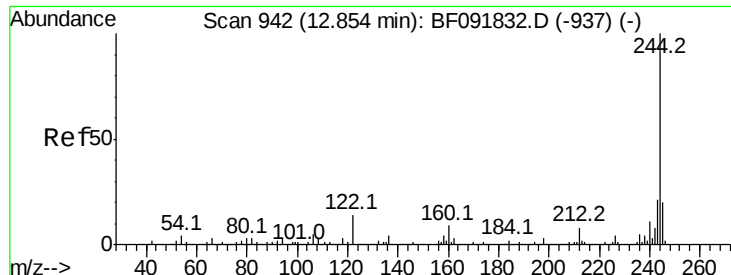
Tot Ion:188 Resp: 756468
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091983.D
Acq: 27 Dec 2016 22:28

Tgt Ion:240 Resp: 564585
Ion Ratio Lower Upper
240 100
120 7.1 12.9 19.3#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 82.16 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091983.D

Acq: 27 Dec 2016 22:28

Instrument :

BNA_F

ClientSampleId :

LIP-16

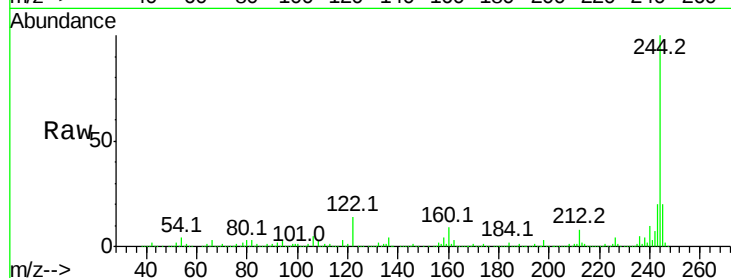
Tot Ion:244 Resp: 1912655

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

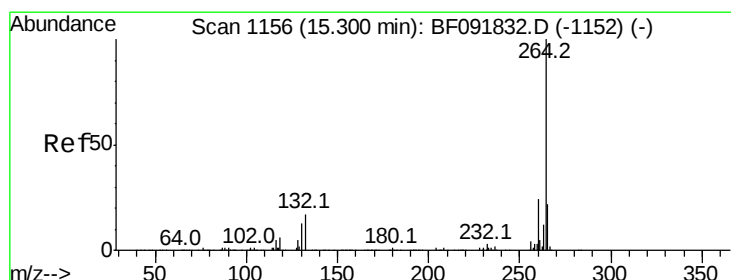
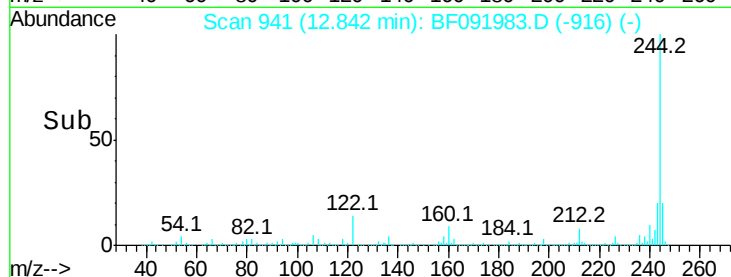
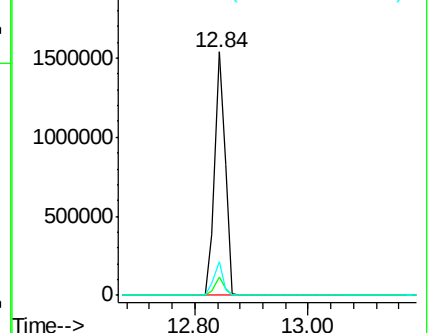
122 13.8 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091983.D

Acq: 27 Dec 2016 22:28

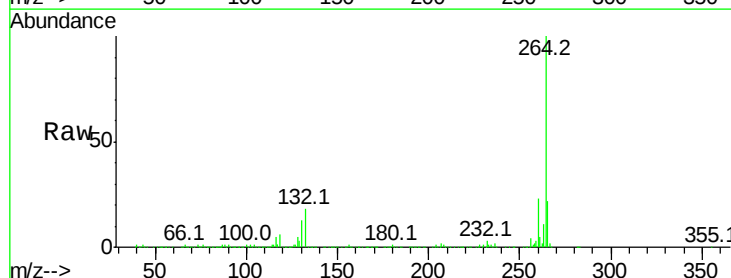
Tgt Ion:264 Resp: 431907

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 17.4 26.0



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

