

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092288.D
 Acq On : 16 Jan 2017 16:42
 Operator : UM/SJ
 Sample : PB96013BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Quant Time: Jan 17 01:11:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	197314	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	813695	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	459956	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	784233	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	717362	20.00	ng	-0.01
86) Perylene-d12	15.05	264	610636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	874741	74.02	ng	0.01
7) Phenol-d6	6.22	99	1085107	75.21	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1235353	84.42	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	242922	63.82	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1992755	89.44	ng	0.00
78) Terphenyl-d14	12.66	244	1809237	61.17	ng	0.00

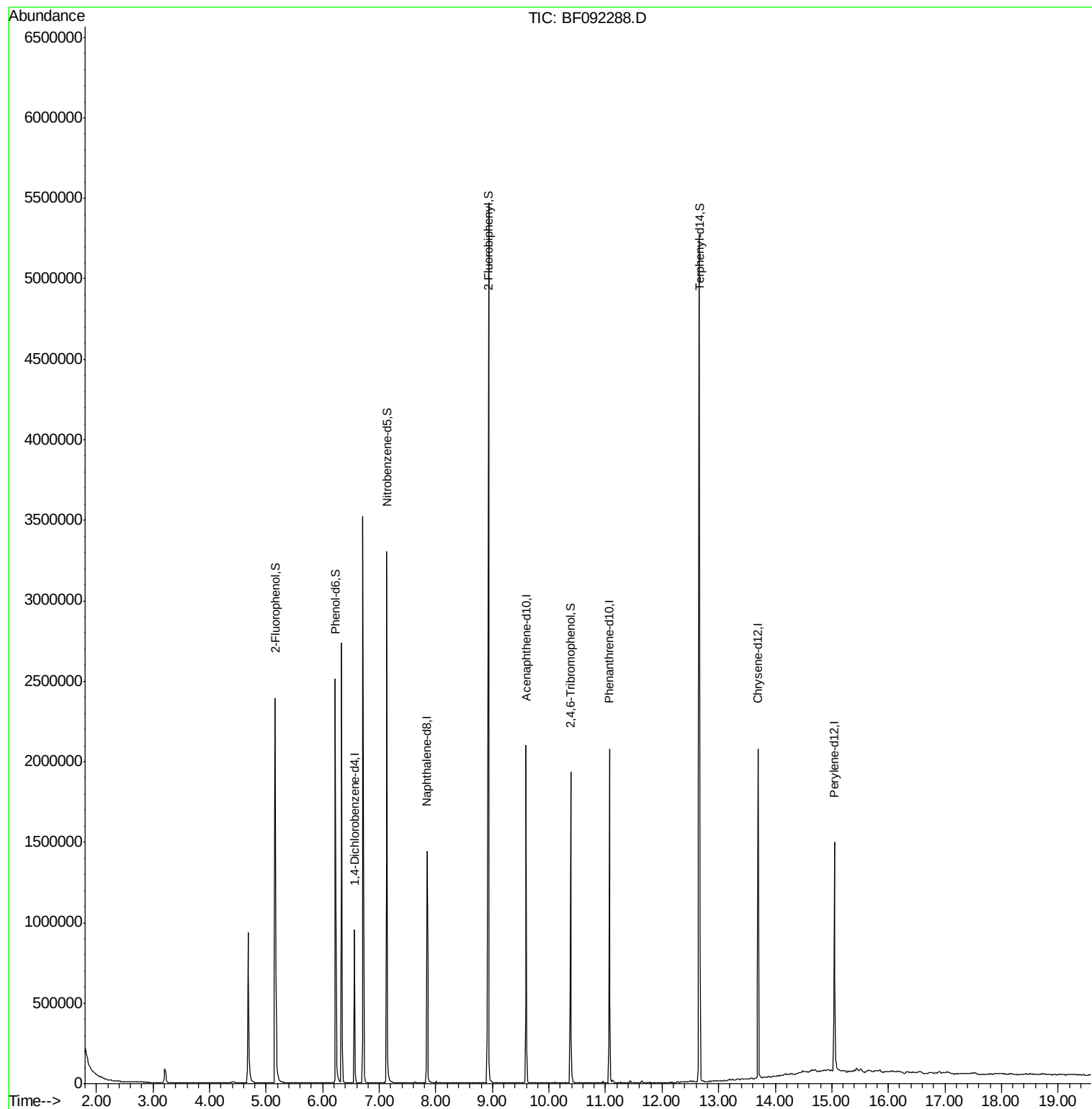
Target Compounds Qvalue

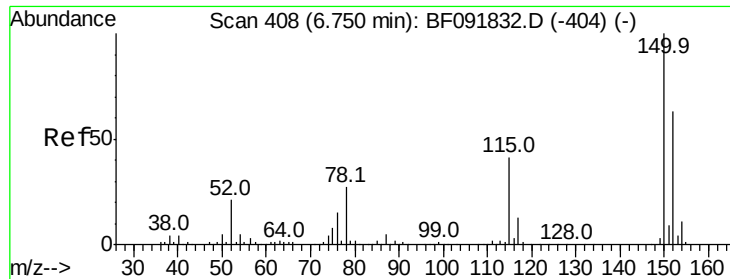
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

PB96013BL

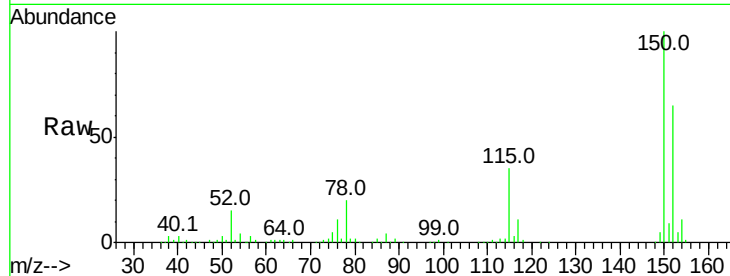
Tot Ion:152 Resp: 197314

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

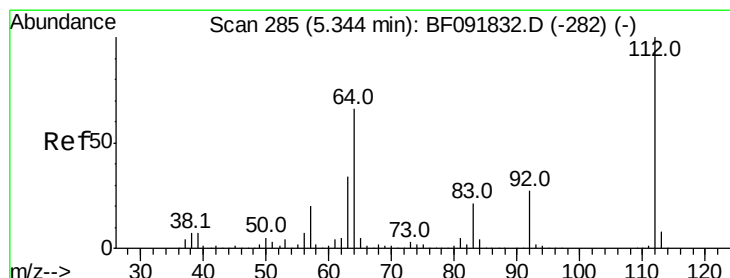
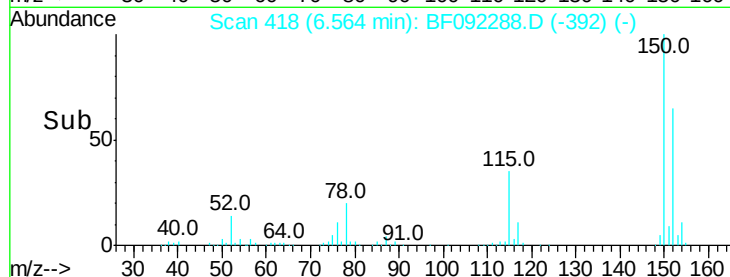
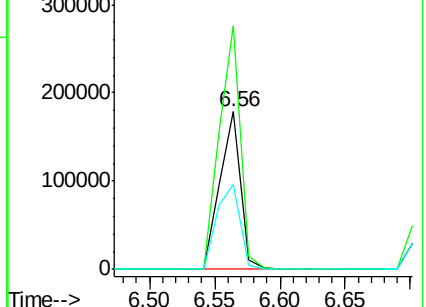
115 53.7 46.0 69.0



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: 74.02 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

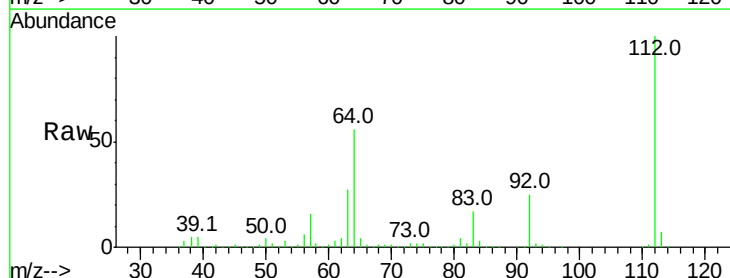
Tgt Ion:112 Resp: 874741

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

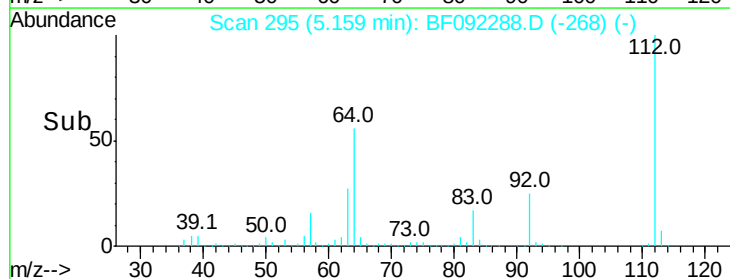
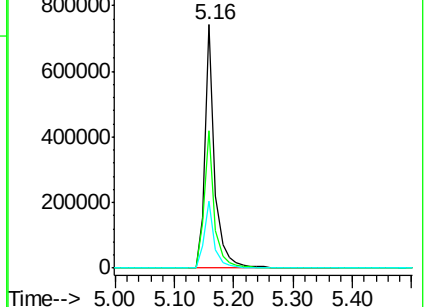
63 27.3 23.8 35.6

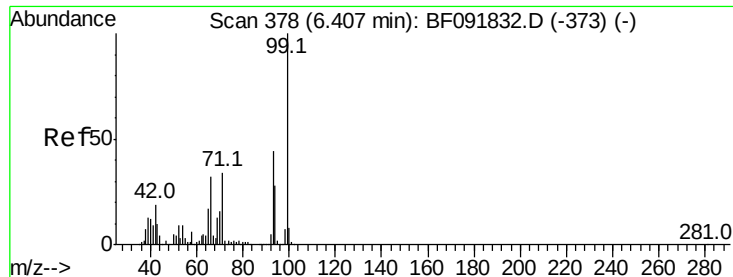


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.21 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

PB96013BL

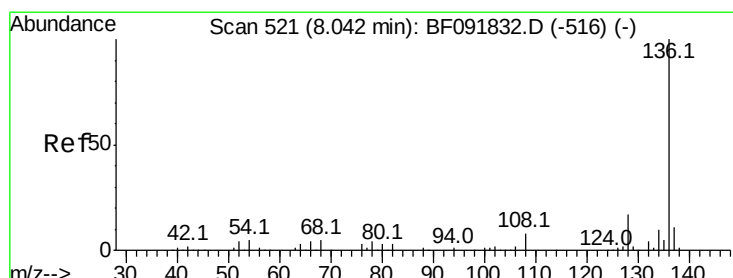
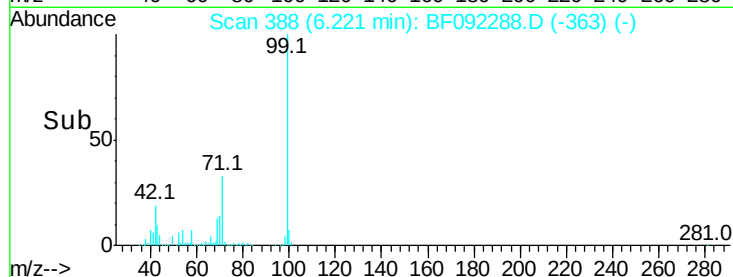
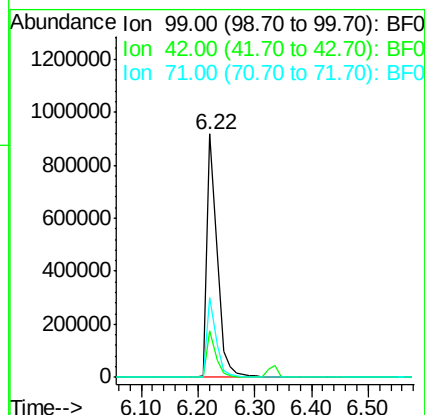
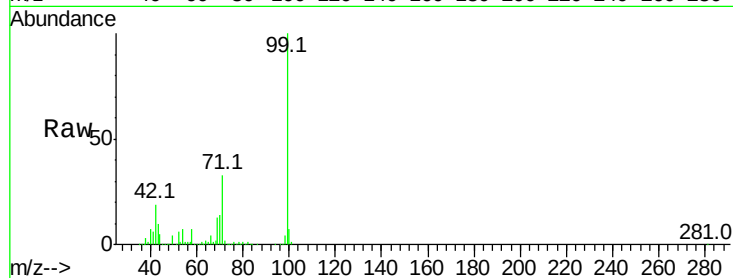
Tot Ion: 99 Resp: 1085107

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 32.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Tgt Ion: 136 Resp: 813695

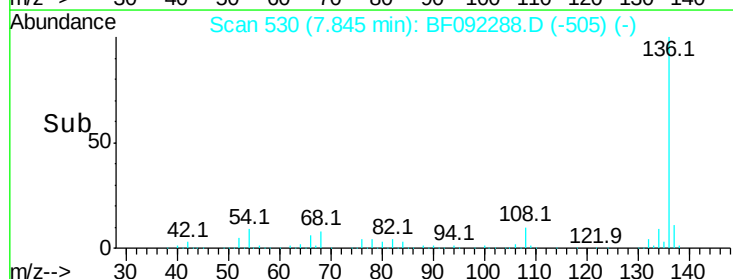
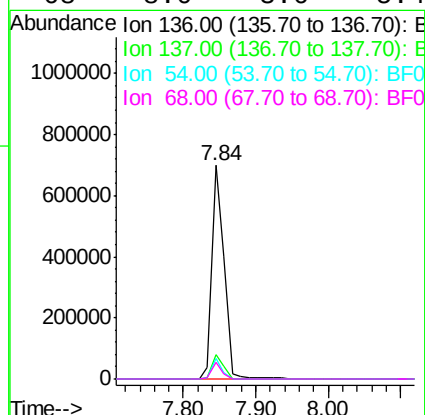
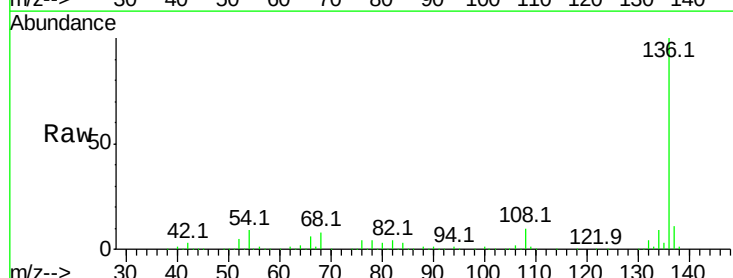
Ion Ratio Lower Upper

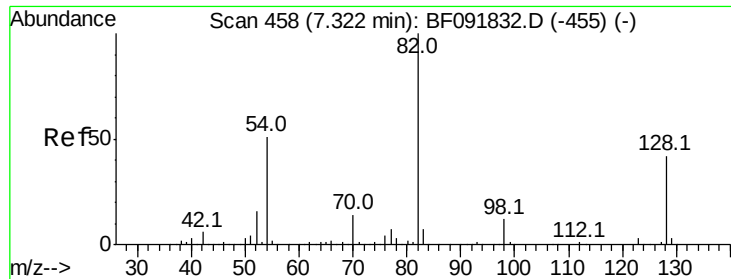
136 100

137 11.5 8.4 12.6

54 9.4 4.5 6.7#

68 8.0 3.6 5.4#



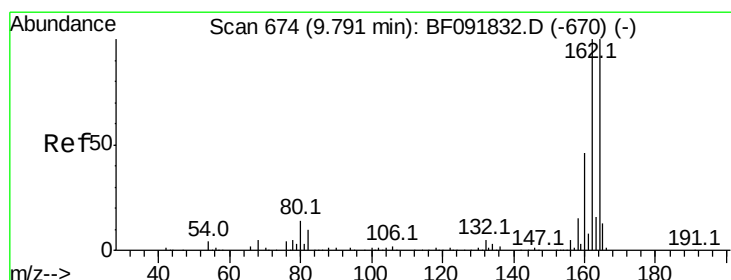
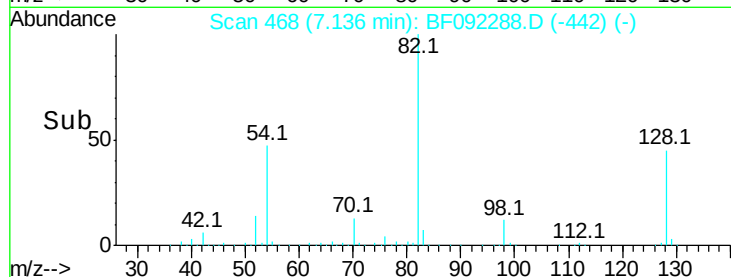
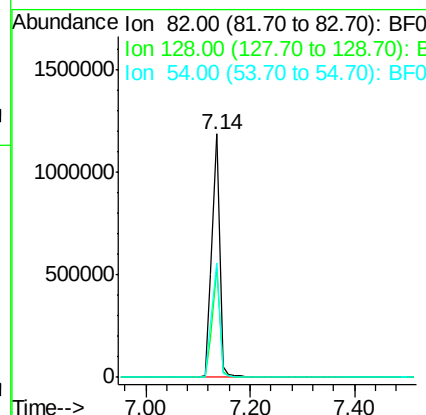
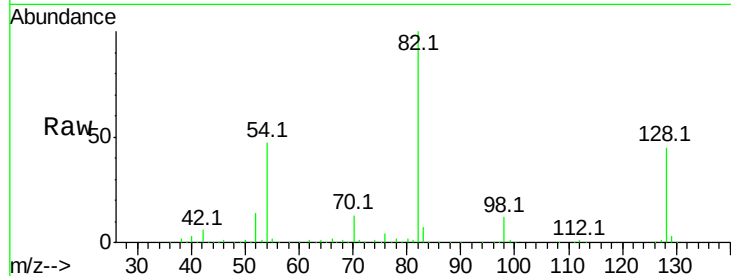


#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Tot Ion: 82 Resp: 1235353

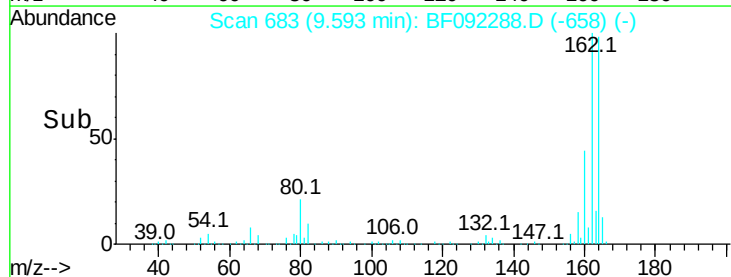
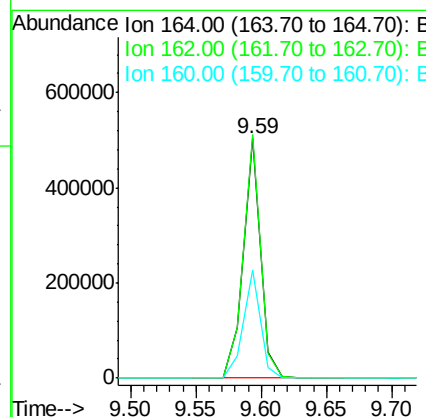
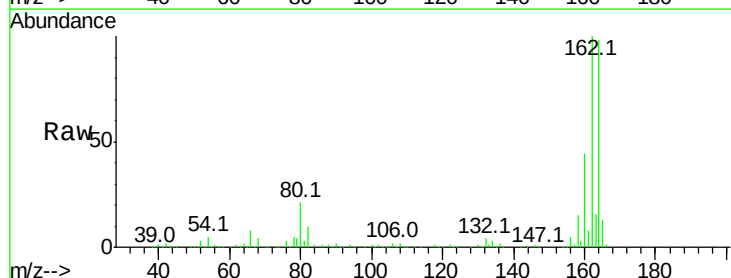
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	47.2	39.5	59.3

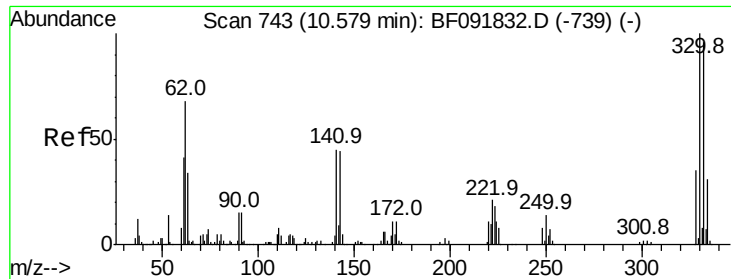


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:164 Resp: 459956

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.8	36.9	55.3

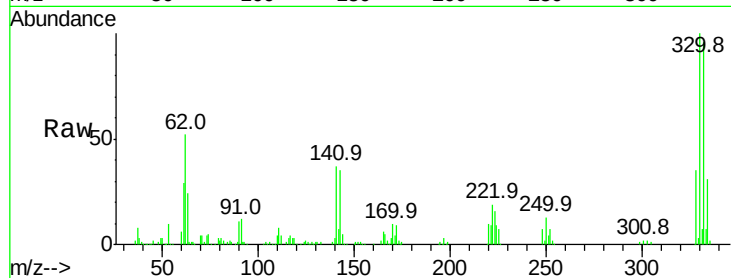




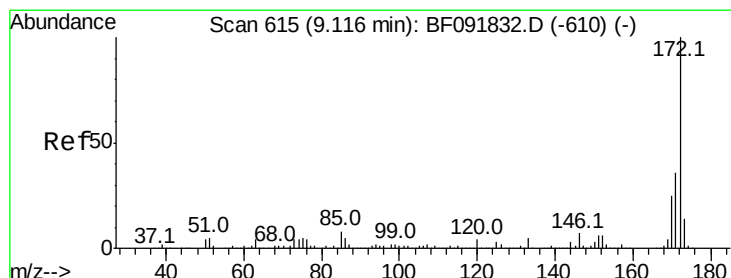
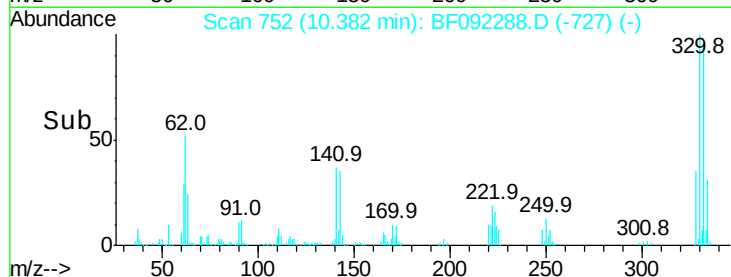
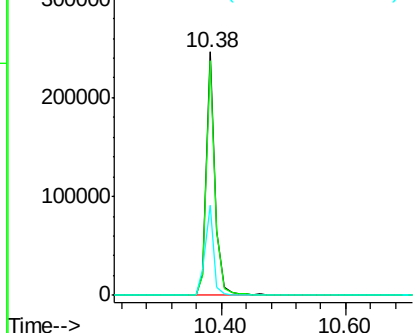
#41
 2,4,6-Tribromophenol
 Concen: 63.82 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Tot Ion:330 Resp: 242922
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 36.4 34.1 51.1

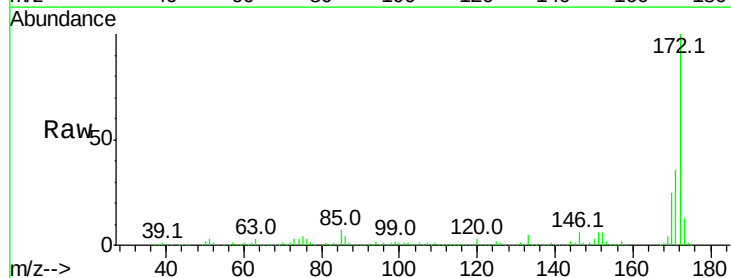


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

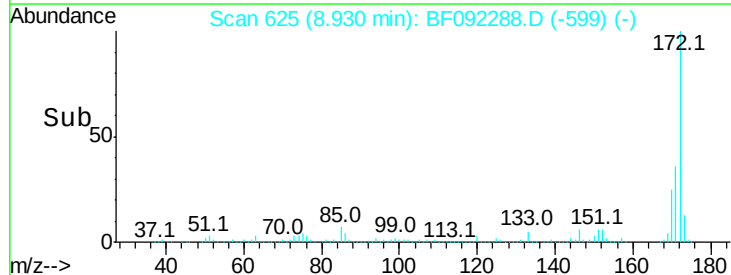
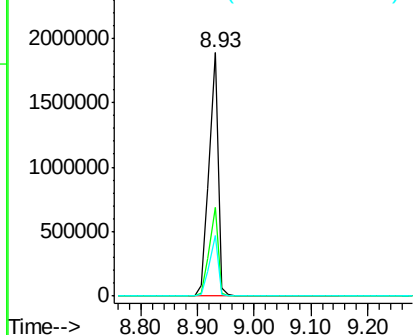


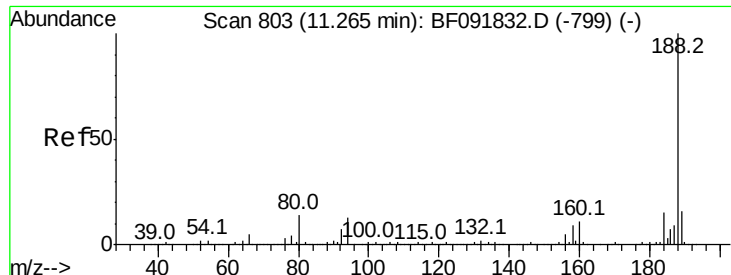
#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:172 Resp: 1992755
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 25.0 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

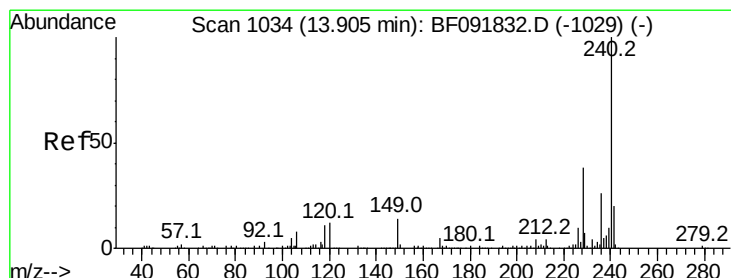
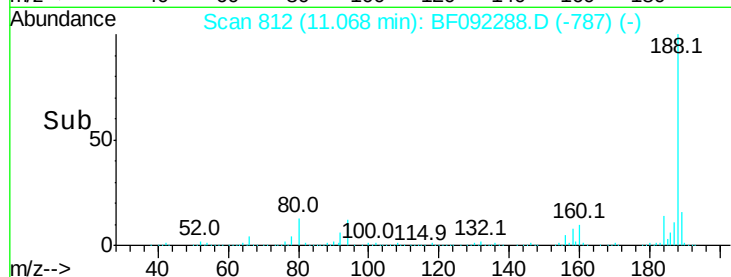
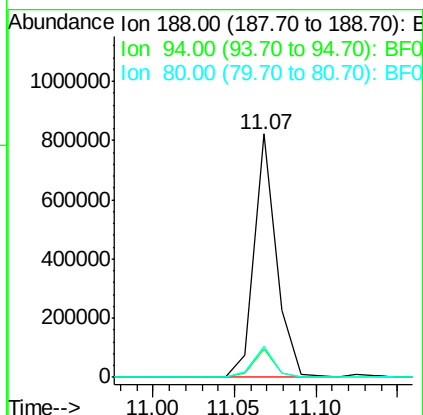
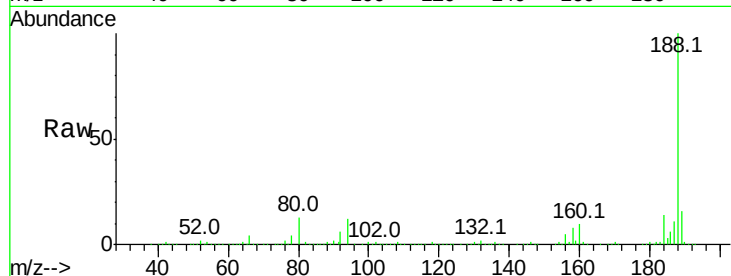




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

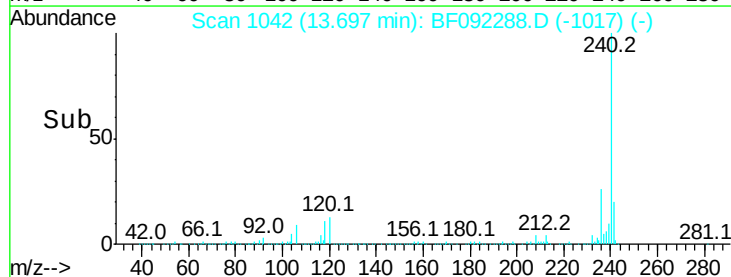
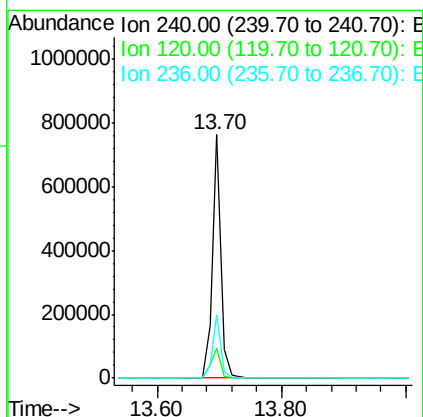
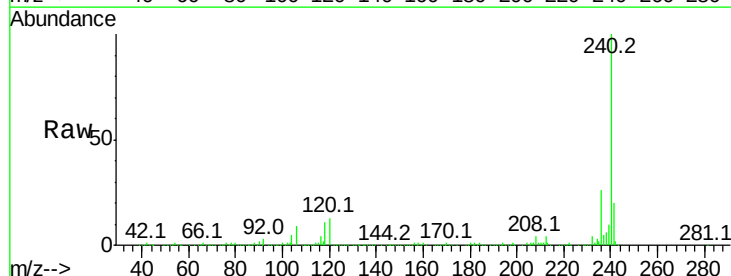
Instrument :
 BNA_F
 ClientSampled :
 PB96013BL

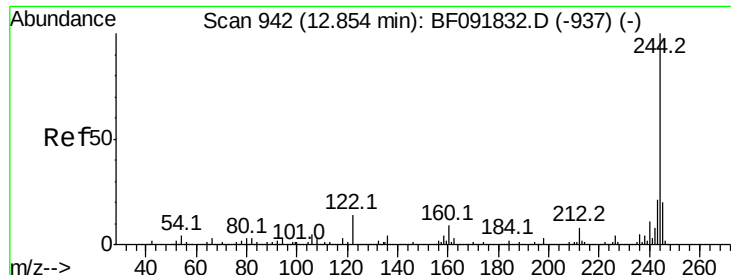
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	12.8	11.2	16.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	25.8	20.9	31.3

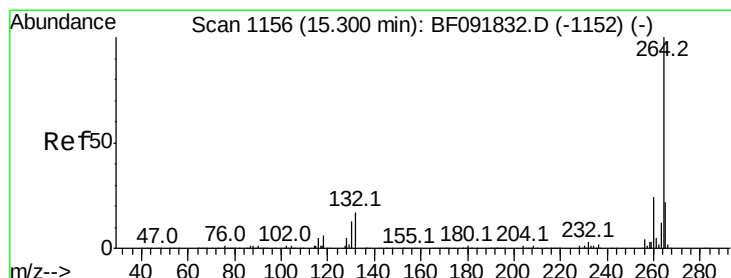
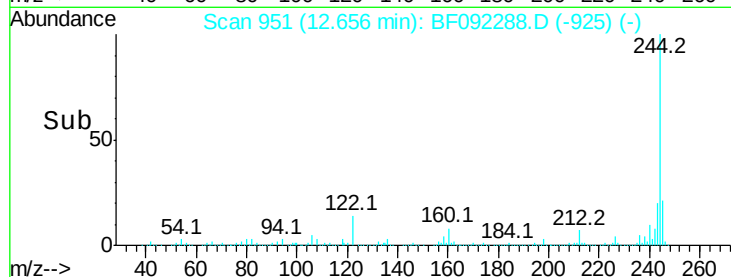
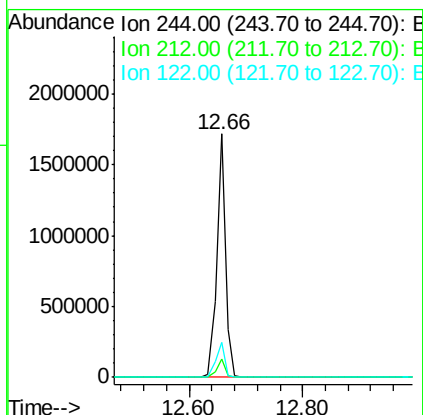
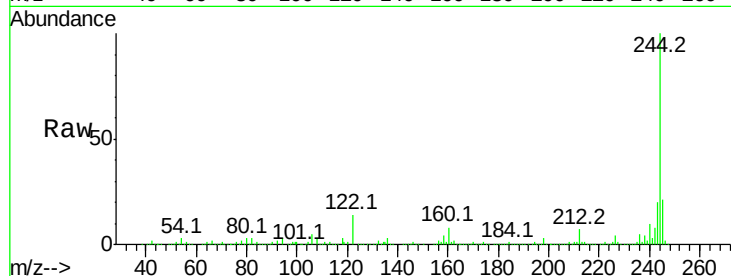




#78
 Terphenyl-d14
 Concen: 61.17 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Tot Ion:244 Resp: 1809237
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:264 Resp: 610636
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.6 17.4 26.0

