

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091811.D
 Acq On : 20 Dec 2016 11:09
 Operator : UM/SJ
 Sample : H6147-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

Quant Time: Dec 21 00:11:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	218302	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	952446	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	444411	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	807230	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	699464	20.00	ng	-0.02
86) Perylene-d12	15.31	264	574274	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	919076	70.54	ng	0.00
7) Phenol-d6	6.41	99	761246	47.90	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1623221	98.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561401	148.98	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2544367	115.02	ng	-0.01
78) Terphenyl-d14	12.87	244	2418956	87.32	ng	-0.01

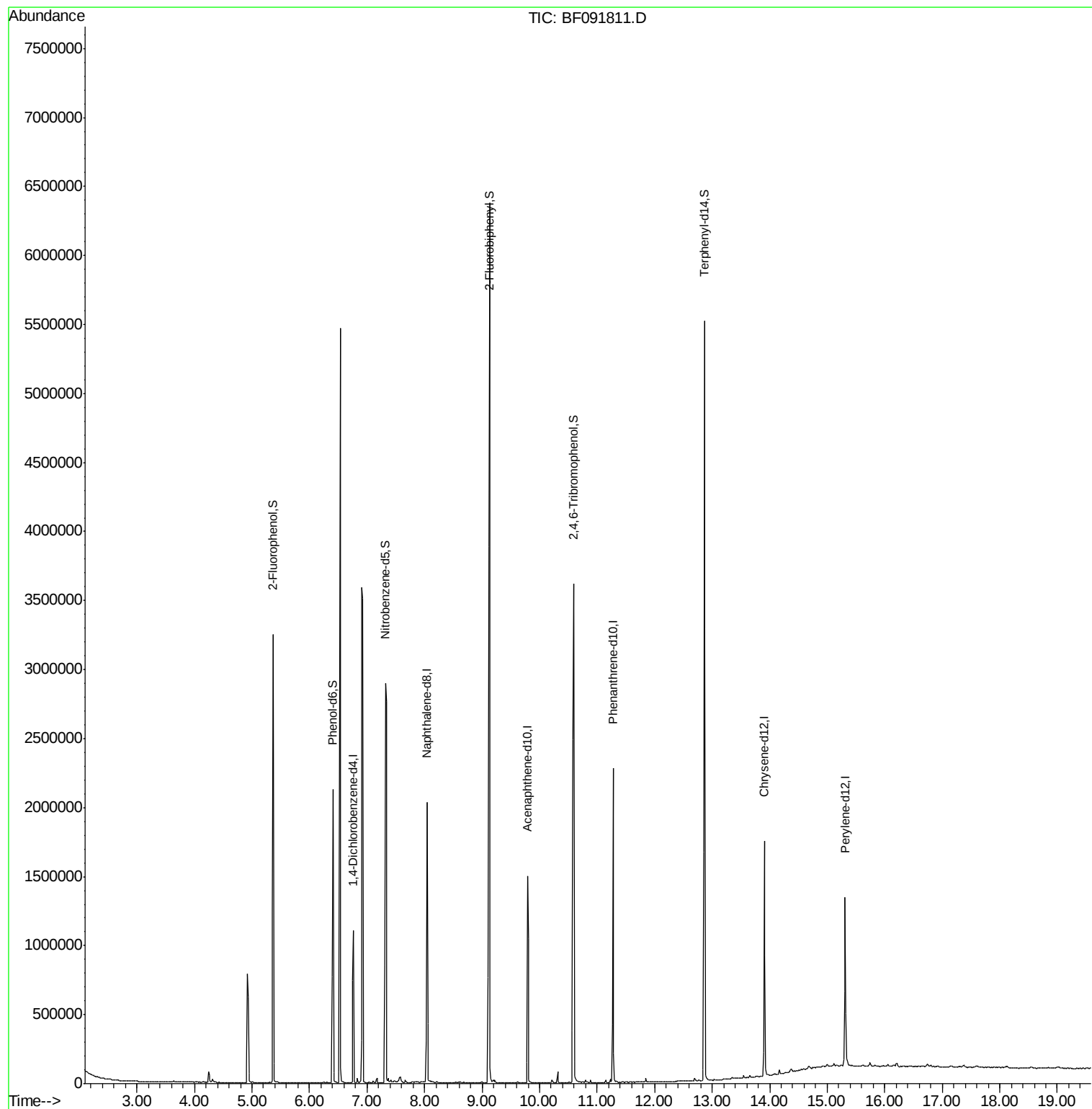
Target Compounds Qvalue

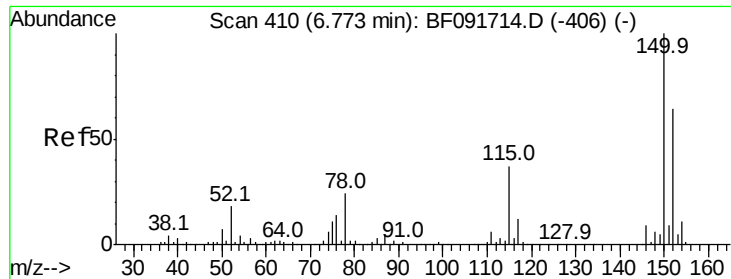
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

Instrument :

BNA_F

ClientSampleId :

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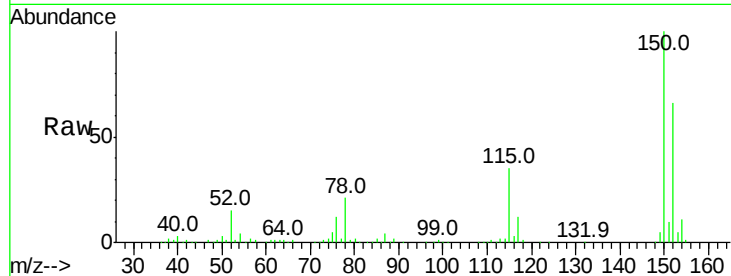
Tot Ion:152 Resp: 218302

Ion Ratio Lower Upper

152 100

150 152.2 124.9 187.3

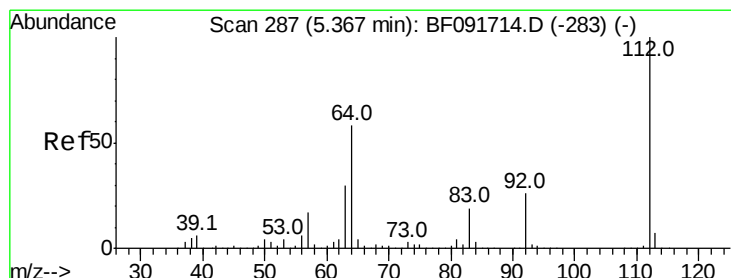
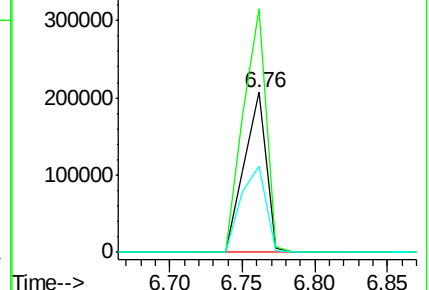
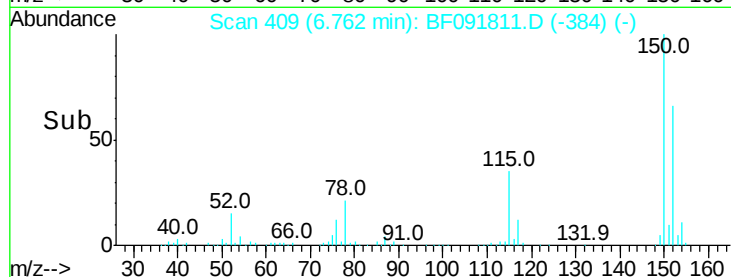
115 53.6 46.0 69.0



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: 70.54 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

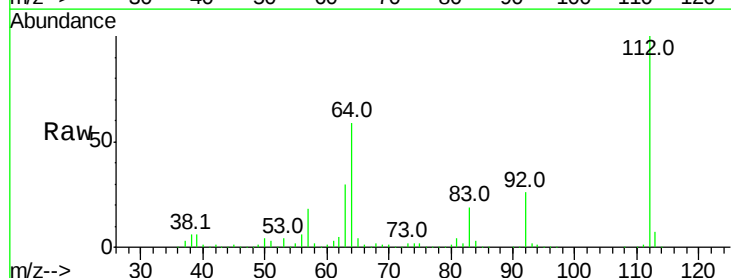
Tgt Ion:112 Resp: 919076

Ion Ratio Lower Upper

112 100

64 58.8 46.1 69.1

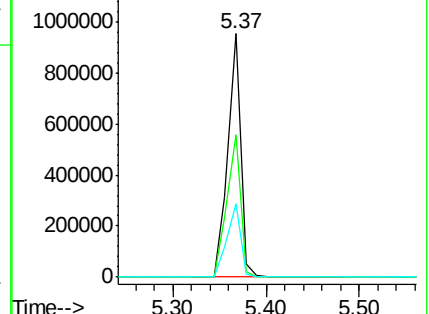
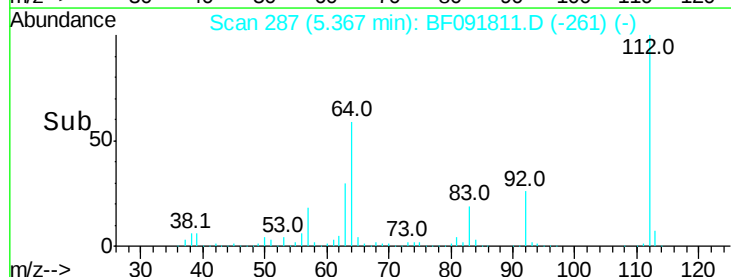
63 30.0 23.8 35.6

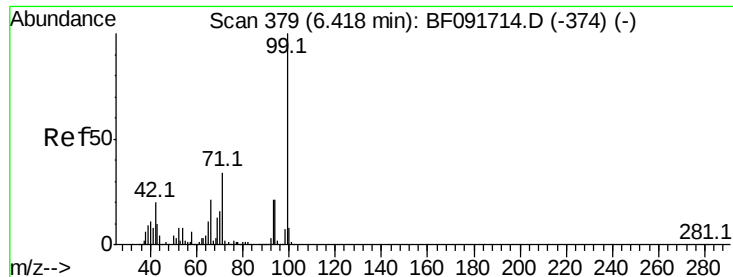


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.90 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

Instrument :

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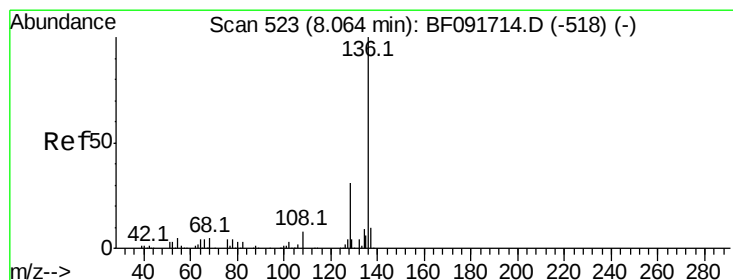
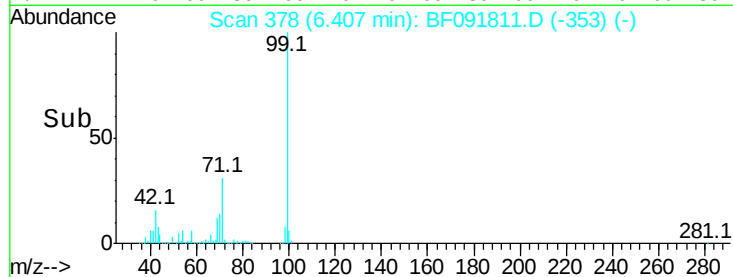
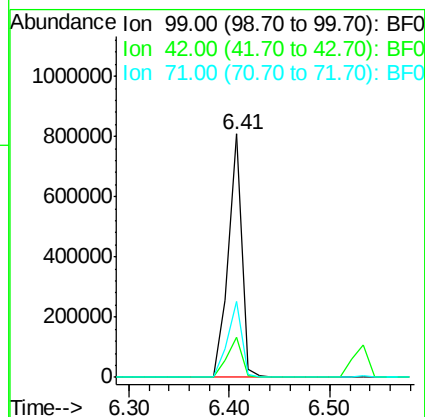
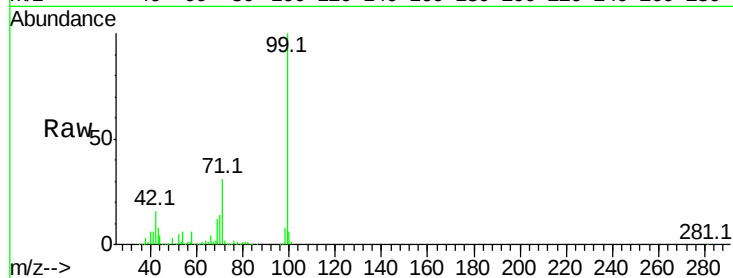
Tot Ion: 99 Resp: 761246

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

71 31.2 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

Tgt Ion: 136 Resp: 952446

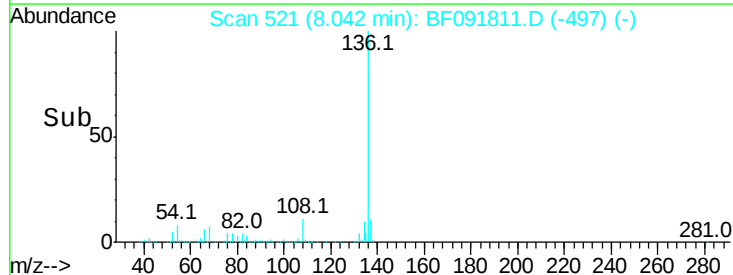
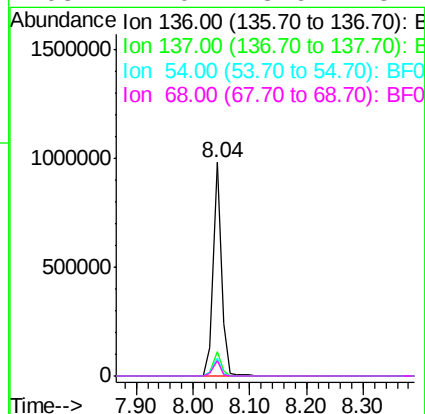
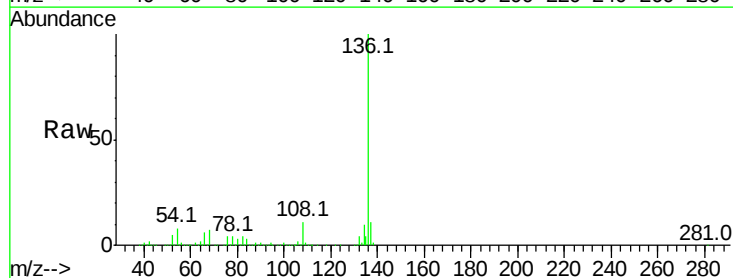
Ion Ratio Lower Upper

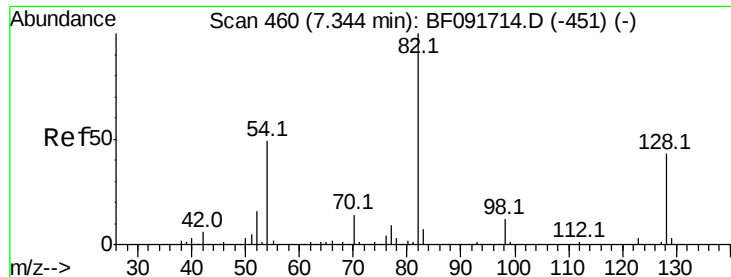
136 100

137 11.5 8.4 12.6

54 8.5 4.5 6.7#

68 7.0 3.6 5.4#

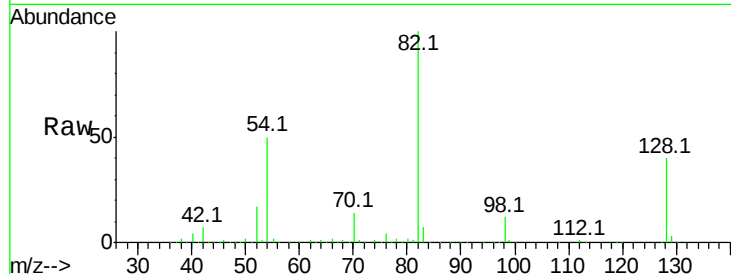




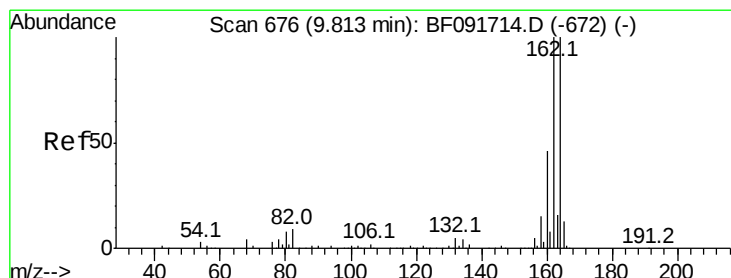
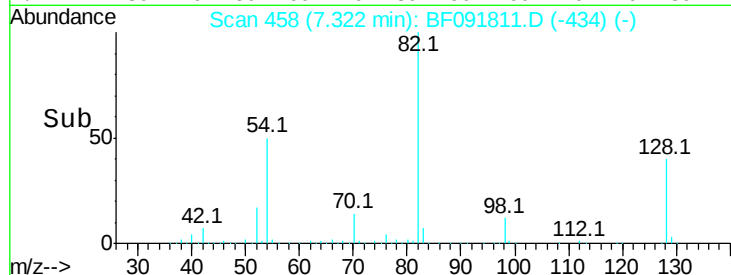
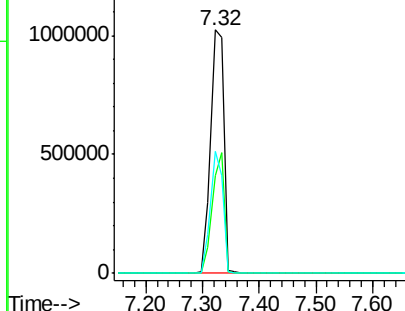
#23
 Nitrobenzene-d5
 Concen: 98.28 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

Tot Ion: 82 Resp: 1623221
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.6 52.0
 54 50.3 39.5 59.3

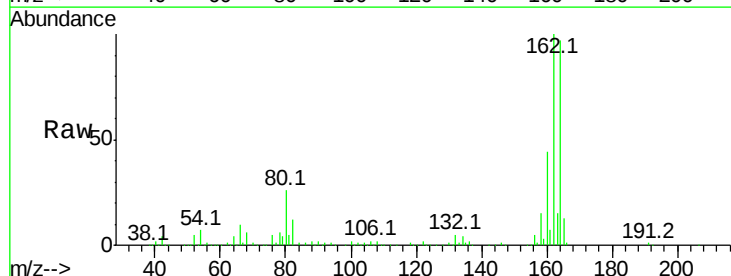


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

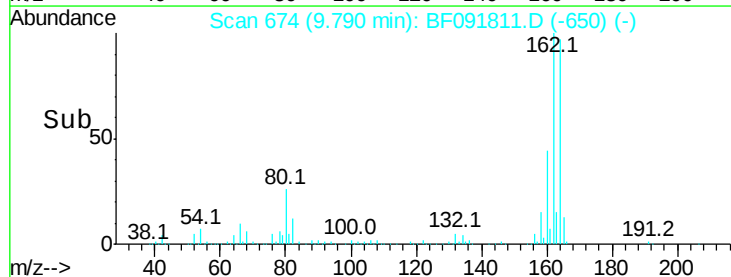
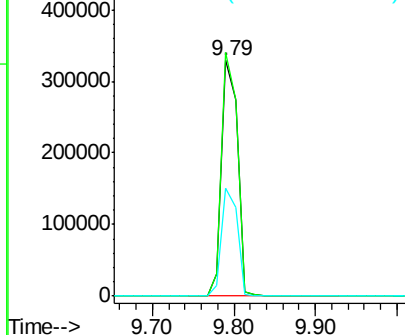


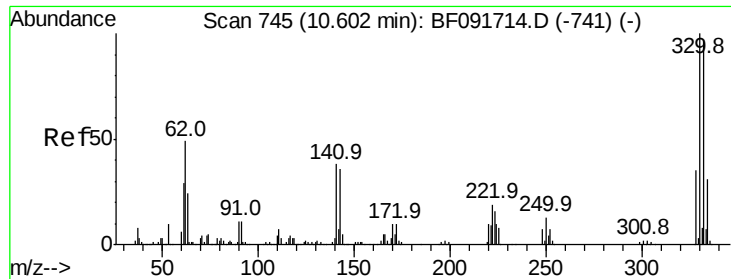
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Tgt Ion:164 Resp: 444411
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.2 120.2
 160 45.6 36.9 55.3



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

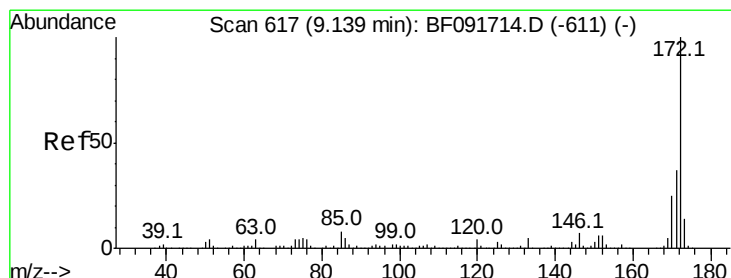
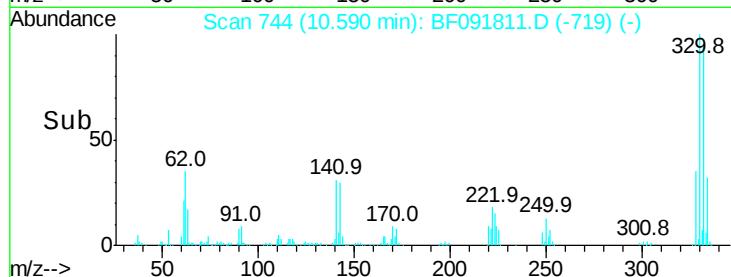
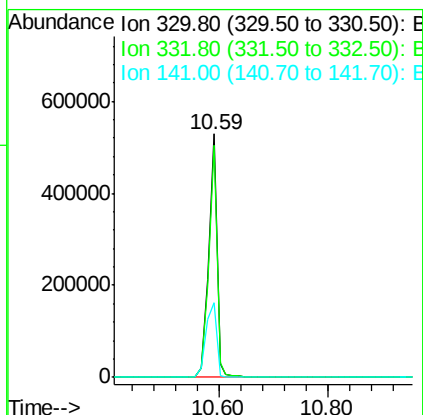
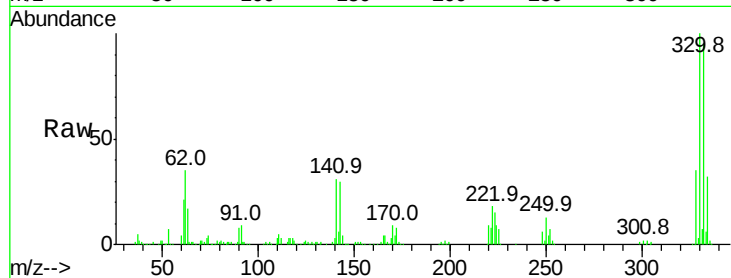




#41
 2,4,6-Tribromophenol
 Concen: 148.98 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

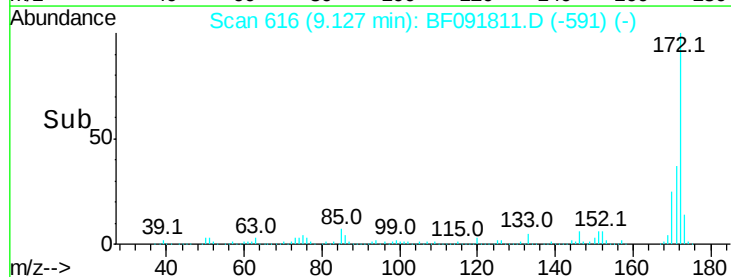
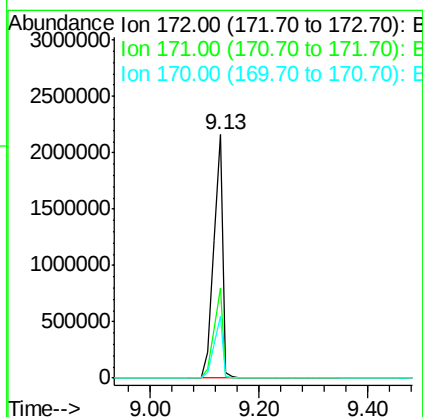
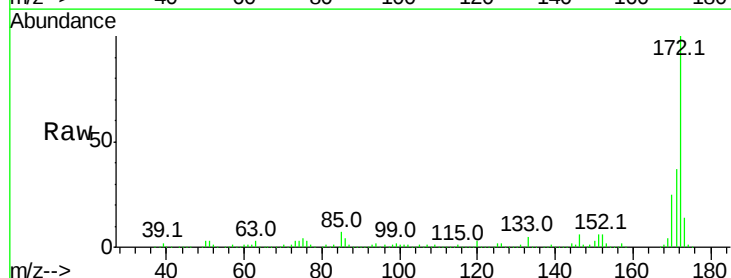
Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

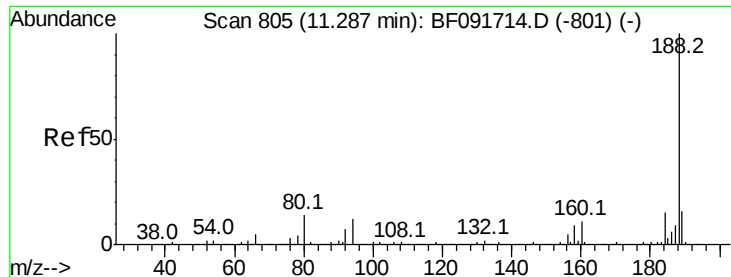
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	39.4	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 115.02 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.1	20.2	30.4

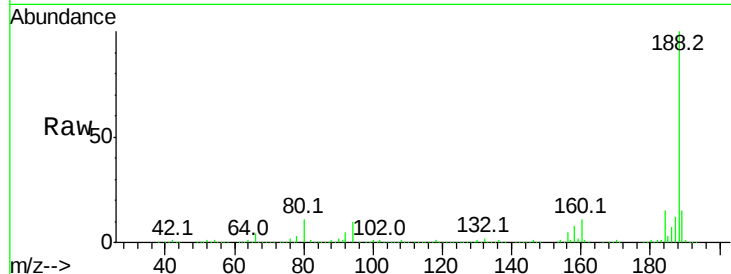




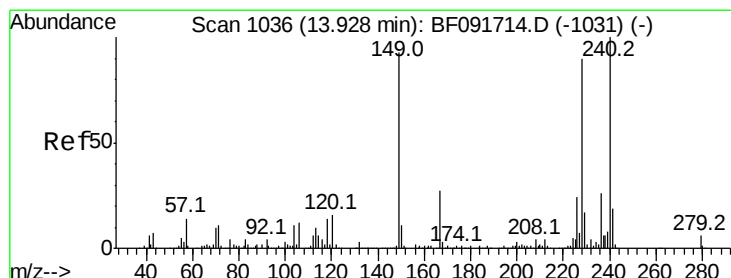
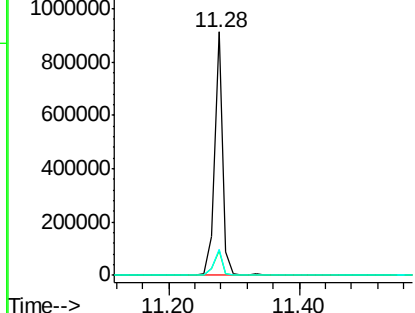
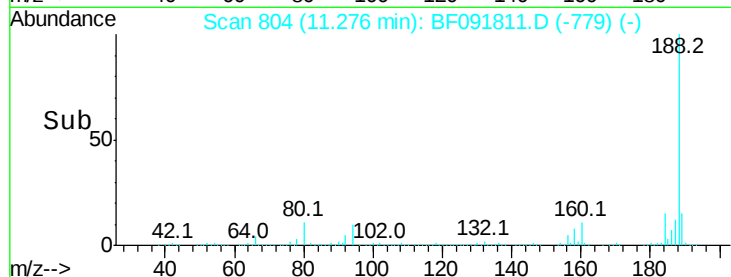
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tot Ion:188 Resp: 807230
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.9 11.2 16.8#

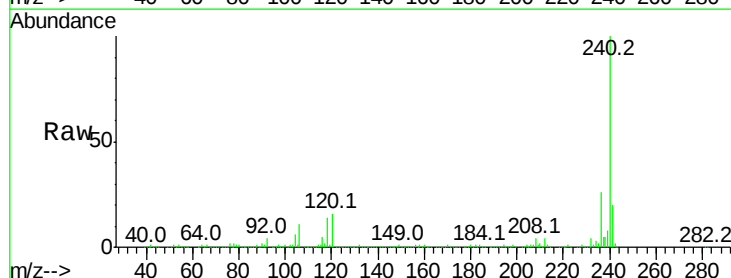


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

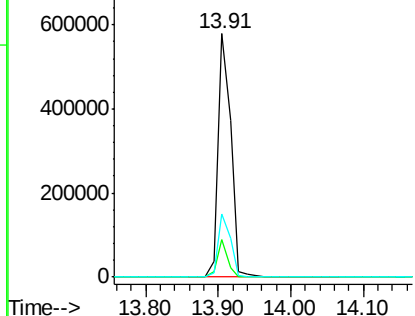
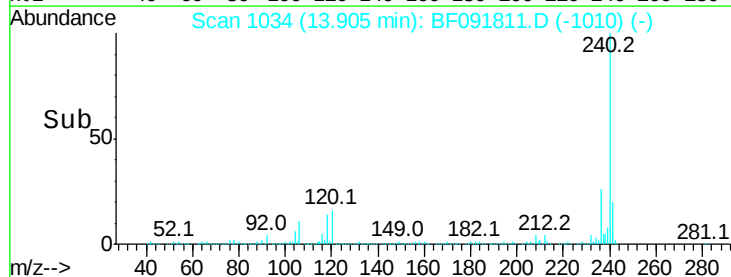


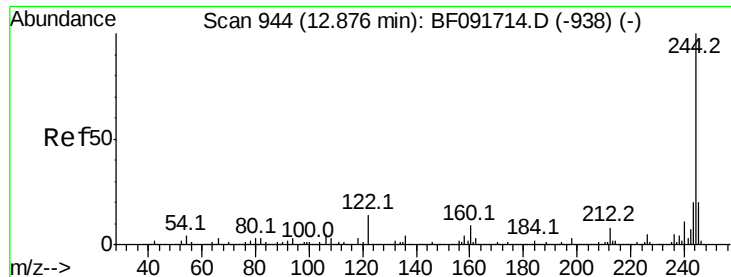
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:240 Resp: 699464
Ion Ratio Lower Upper
240 100
120 15.6 12.9 19.3
236 26.1 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

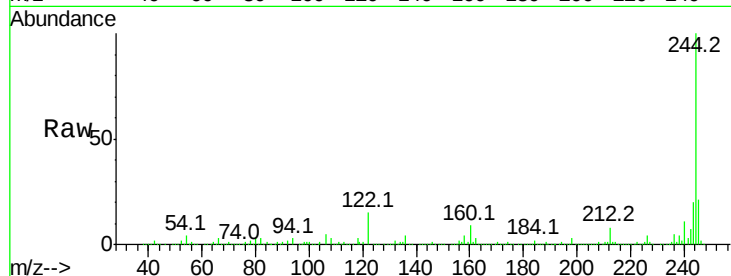




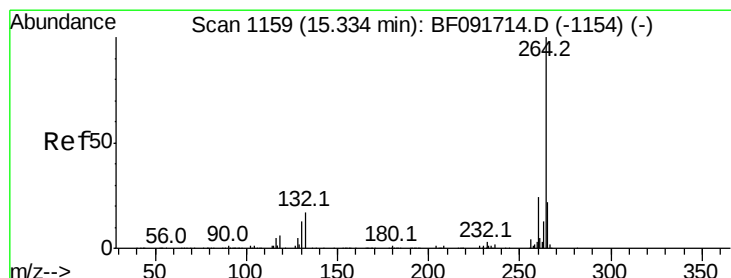
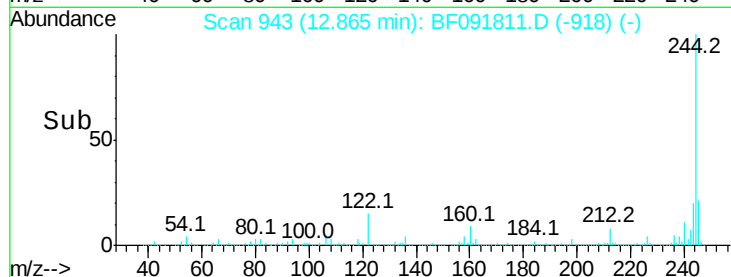
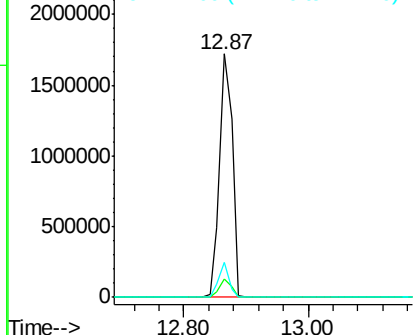
#78
 Terphenyl-d14
 Concen: 87.32 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

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Tot Ion:244 Resp: 2418956
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.6 11.4 17.2

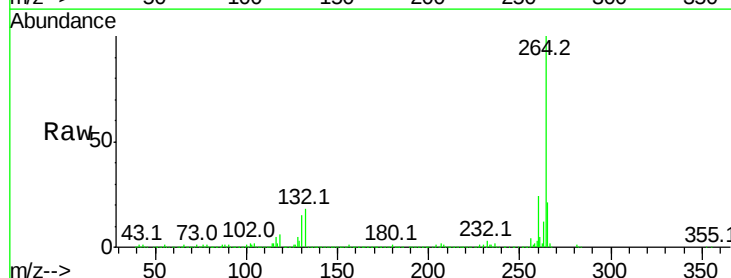


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Tgt Ion:264 Resp: 574274
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 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

