

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083939.D
 Acq On : 19 Dec 2015 3:48
 Operator : UM/SJ
 Sample : G4840-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

Quant Time: Dec 19 05:48:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	56537	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	202780	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	99341	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	159725	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122442	20.00	ng	-0.01
86) Perylene-d12	15.46	264	145501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	220714	61.09	ng	0.00
7) Phenol-d6	6.51	99	191187	43.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	337455	94.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	111347	101.74	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	719494	105.72	ng	-0.01
78) Terphenyl-d14	12.97	244	541079	104.78	ng	-0.01

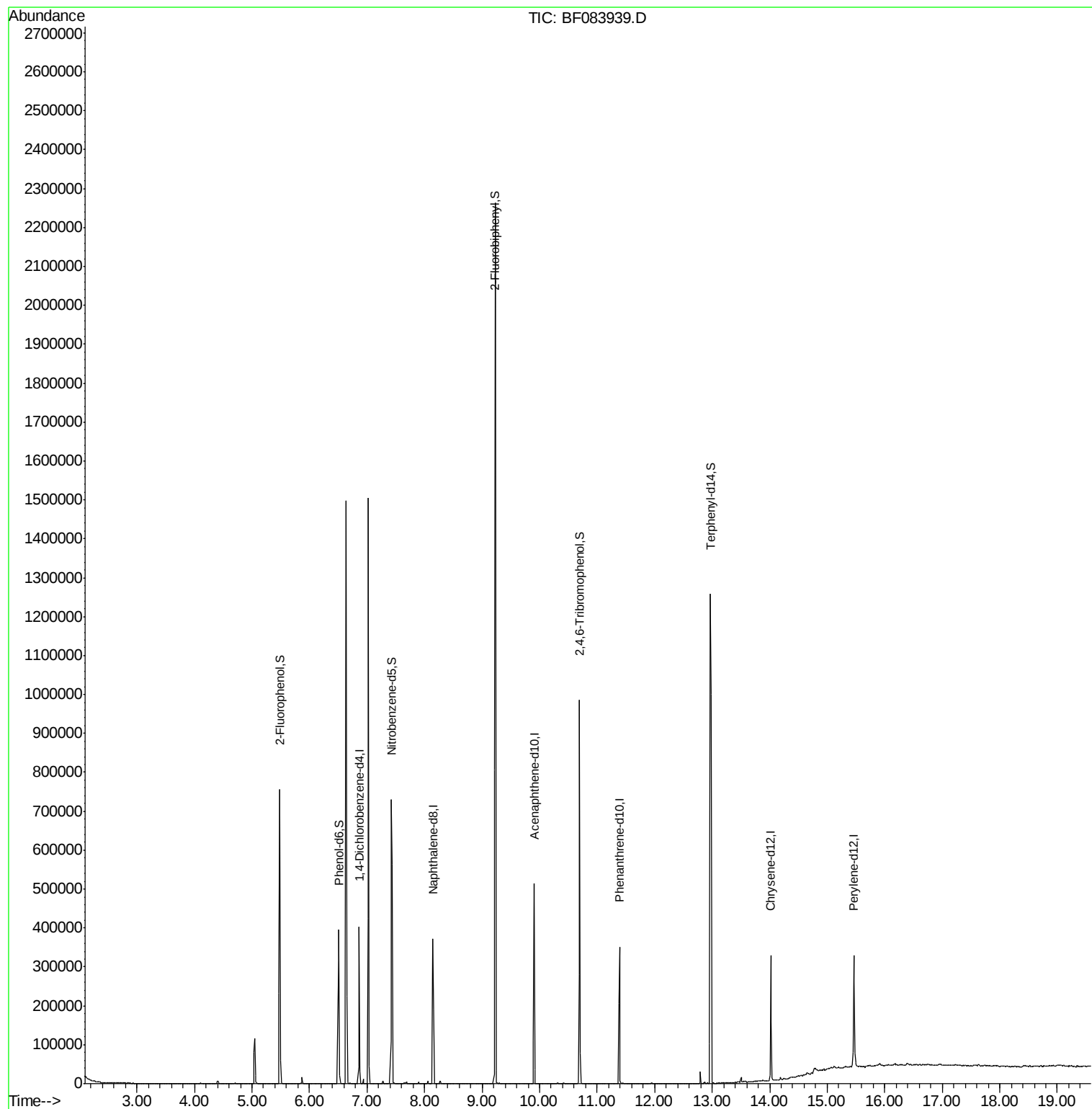
Target Compounds Qvalue

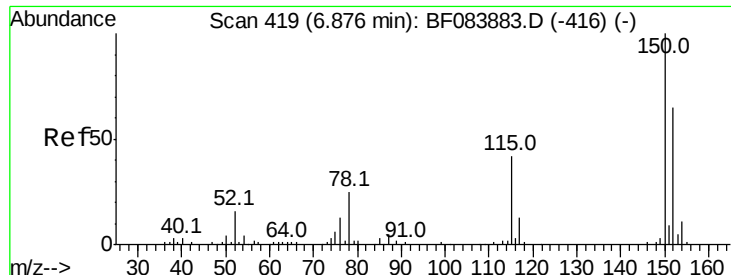
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

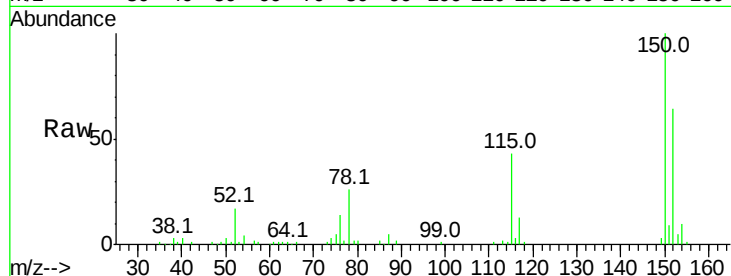
Tot Ion:152 Resp: 56537

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

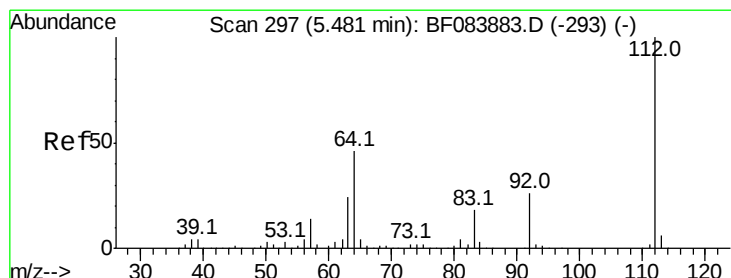
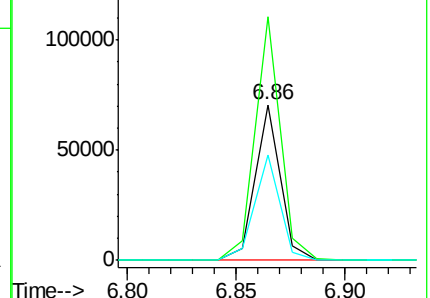
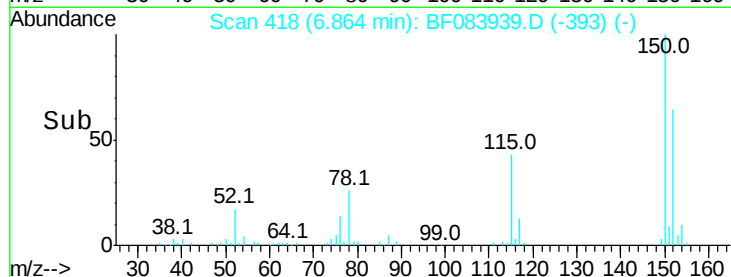
115 67.7 51.4 77.2



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: 61.09 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

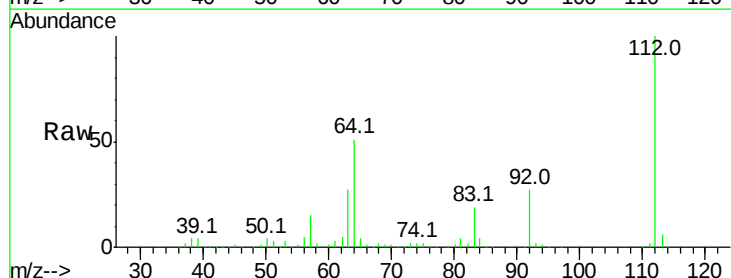
Tgt Ion:112 Resp: 220714

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

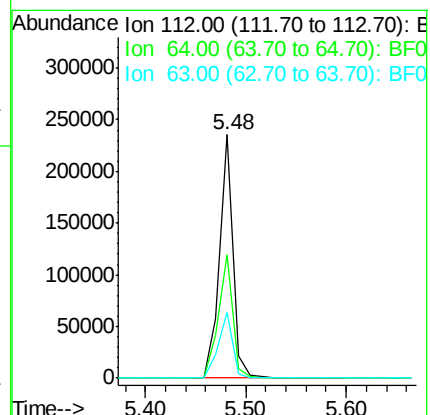
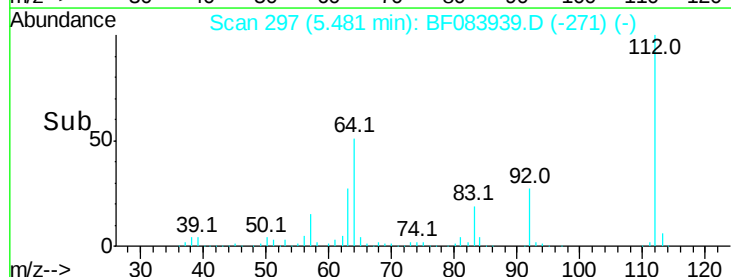
63 27.2 19.4 29.0

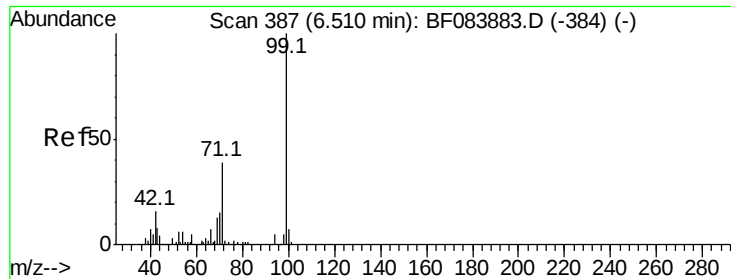


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.23 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

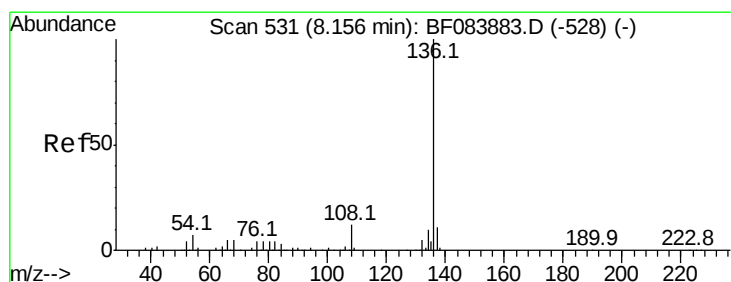
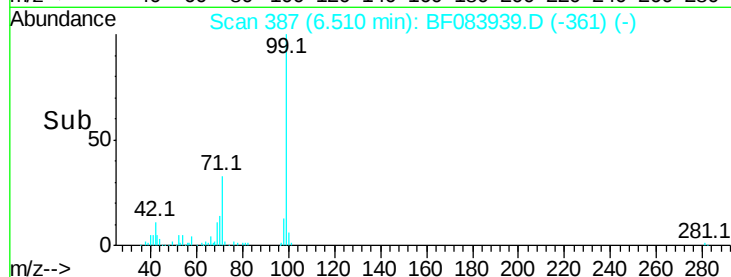
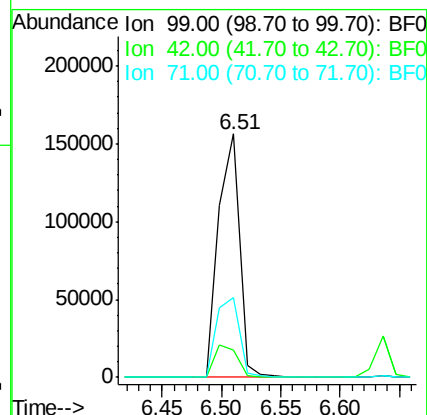
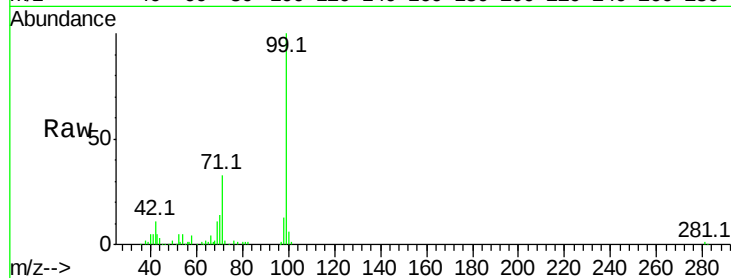
Tot Ion: 99 Resp: 191187

Ion Ratio Lower Upper

99 100

42 11.4 12.8 19.2#

71 33.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Tgt Ion: 136 Resp: 202780

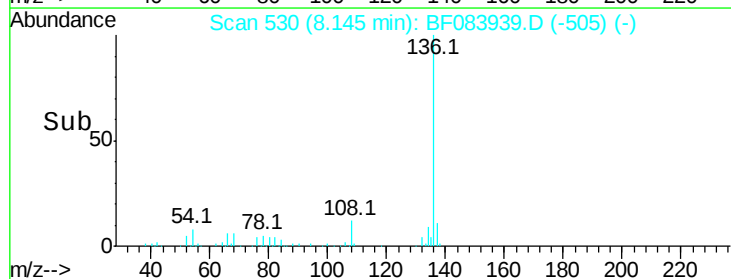
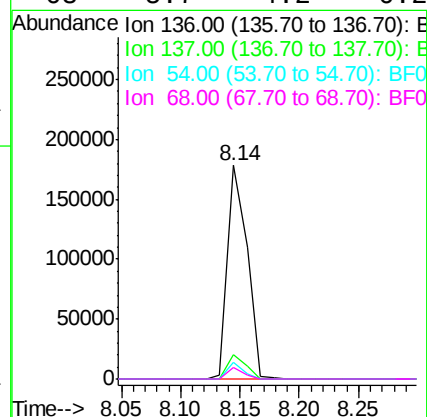
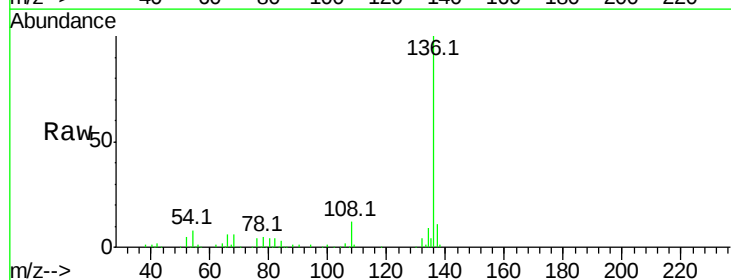
Ion Ratio Lower Upper

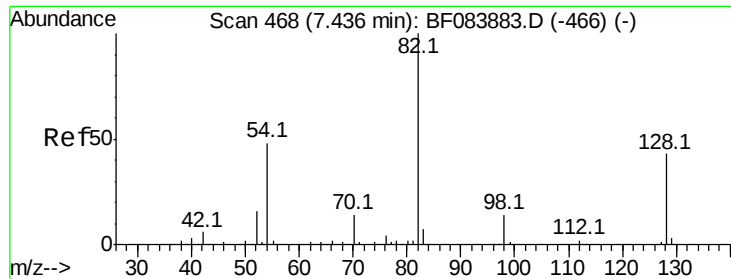
136 100

137 11.1 8.7 13.1

54 7.6 5.8 8.8

68 5.7 4.2 6.2

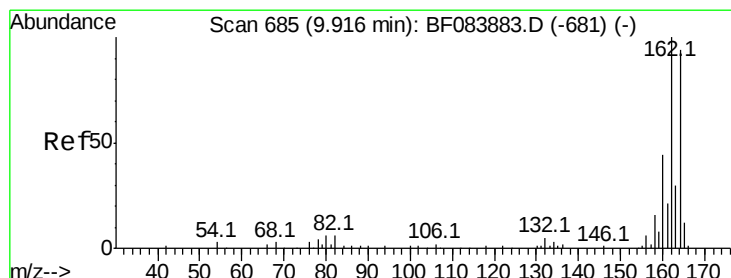
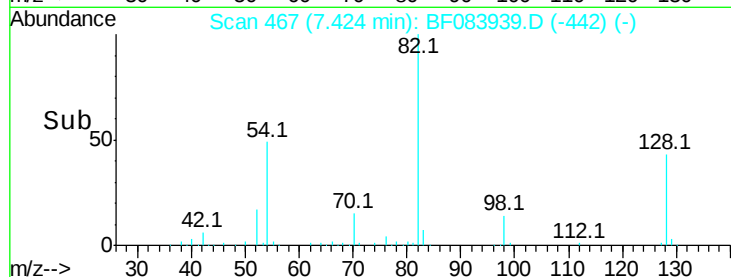
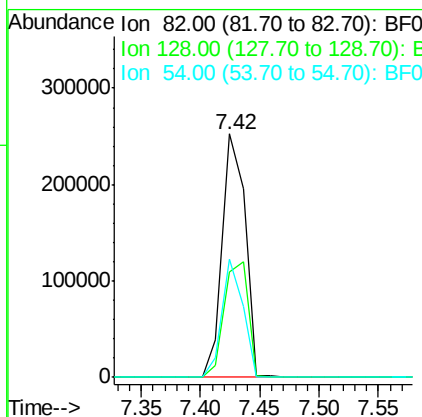
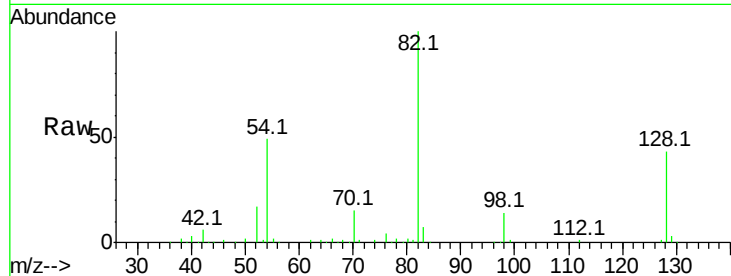




#23
 Nitrobenzene-d5
 Concen: 94.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

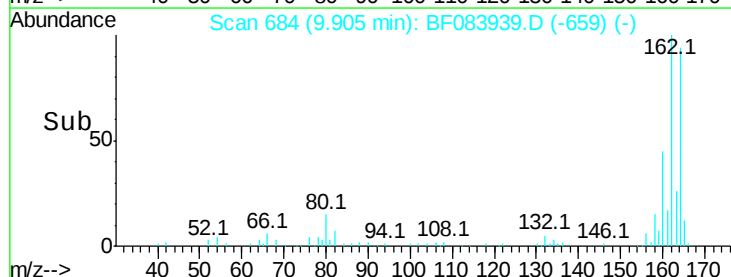
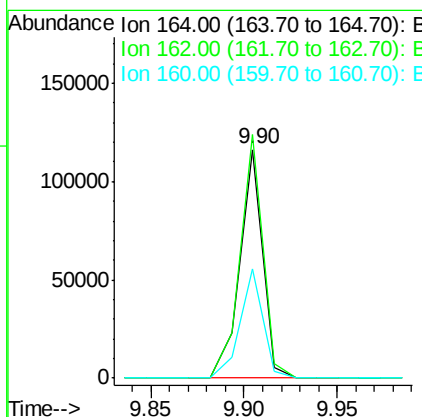
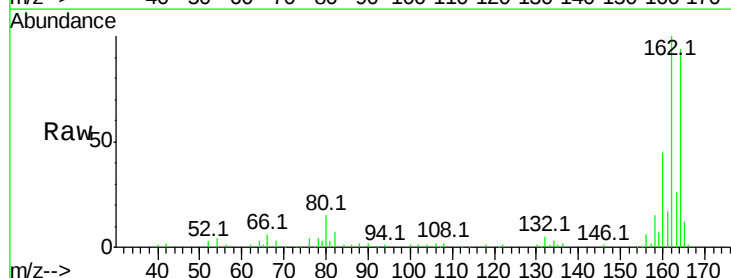
Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

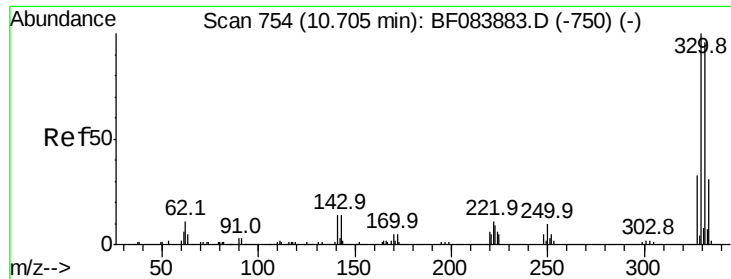
Tot Ion	82	Resp	337455
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	48.7	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Tgt Ion	164	Resp	99341
Ion Ratio	Lower	Upper	
164	100		
162	106.6	85.1	127.7
160	48.0	37.5	56.3

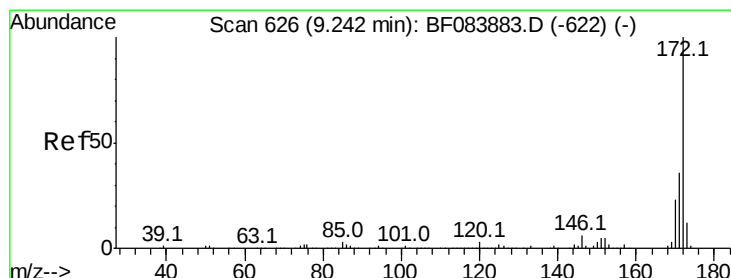
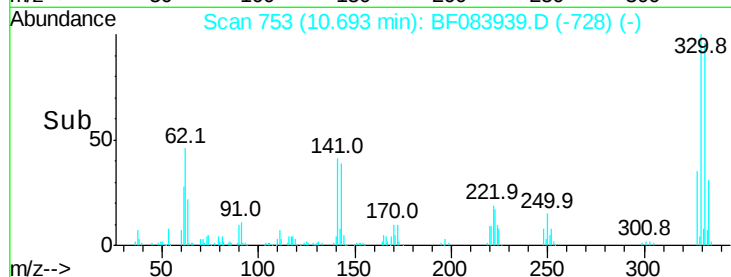
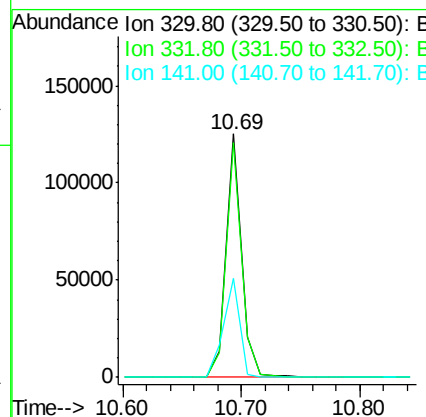
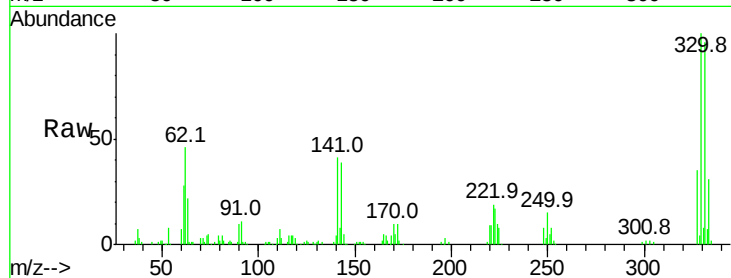




#41
 2,4,6-Tribromophenol
 Concen: 101.74 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

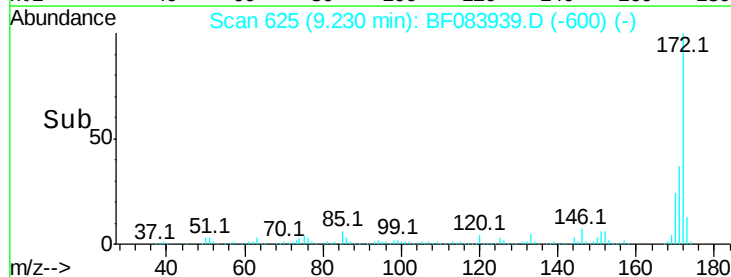
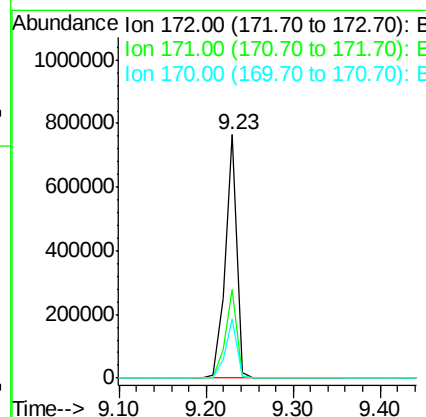
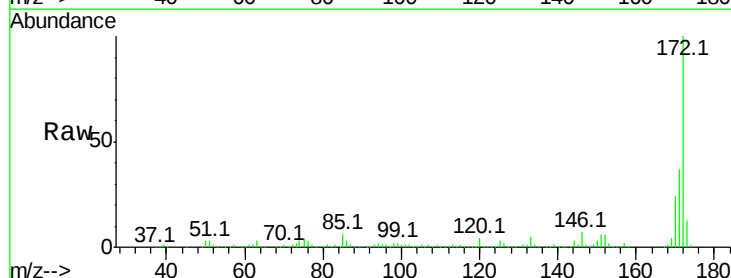
Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELDBLANK3-121515

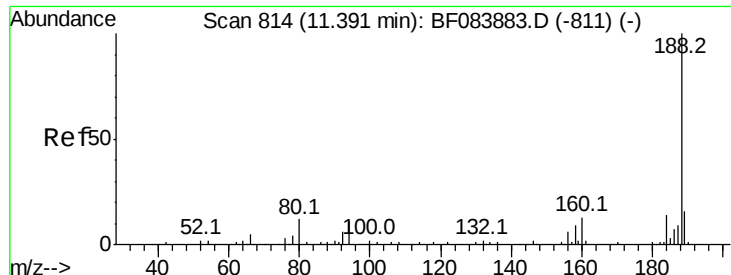
Tot Ion:330 Resp: 111347
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 43.1 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 105.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083939.D
 Acq: 19 Dec 2015 3:48

Tgt Ion:172 Resp: 719494
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 18.6 27.8

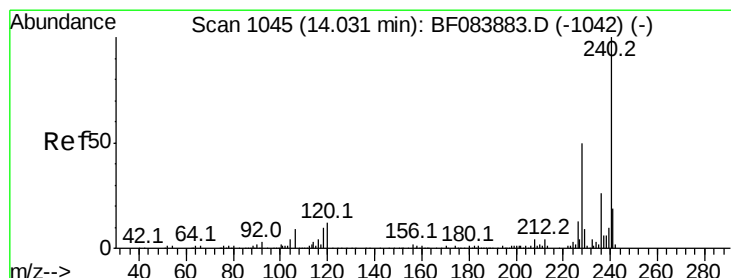
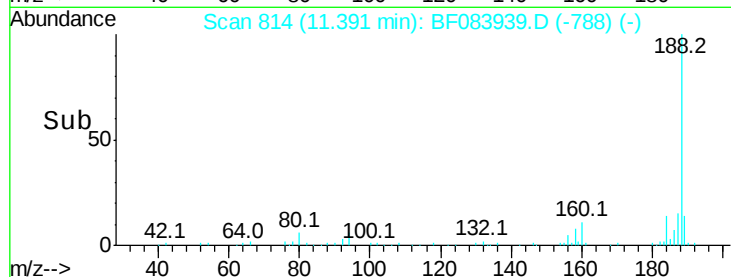
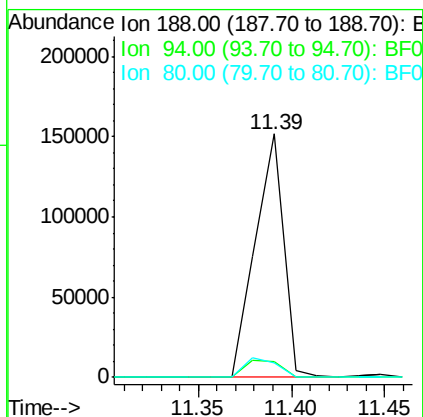
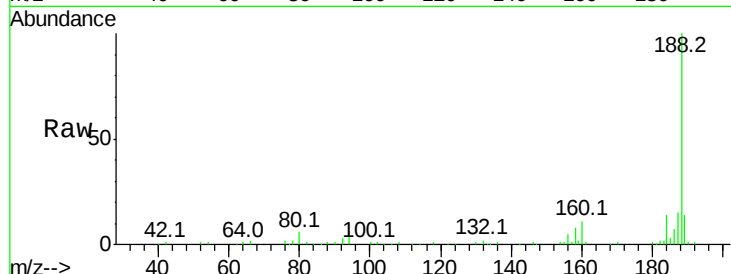




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

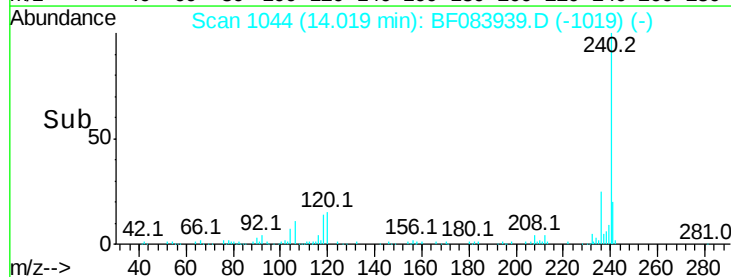
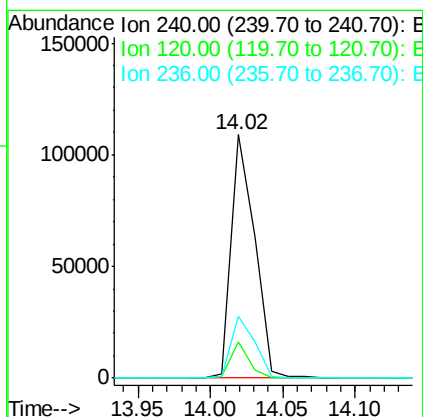
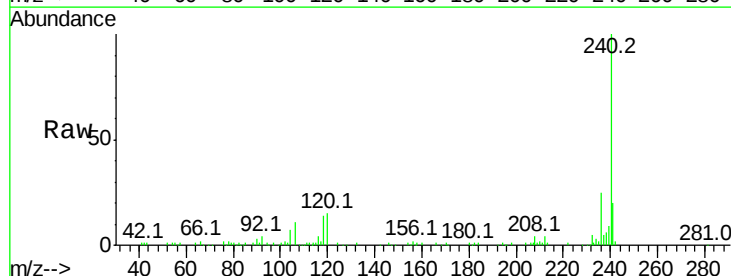
Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK3-121515

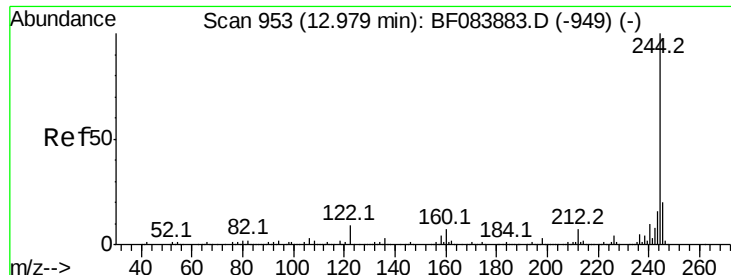
Tot Ion:188 Resp: 159725
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.1 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083939.D
Acq: 19 Dec 2015 3:48

Tgt Ion:240 Resp: 122442
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 104.78 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELDBLANK3-121515

Tot Ion:244 Resp: 541079

Ion Ratio Lower Upper

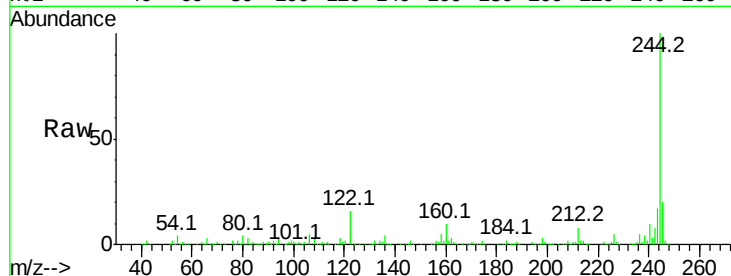
244 100

212 8.1

122 15.7

5.7 8.5

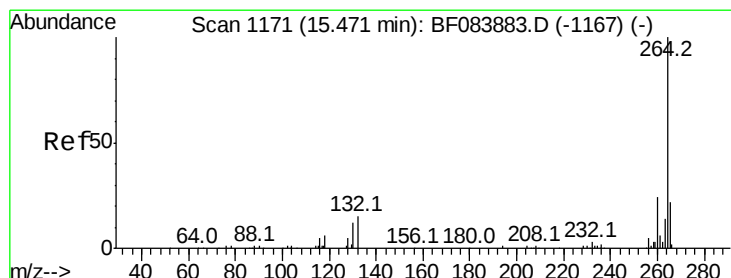
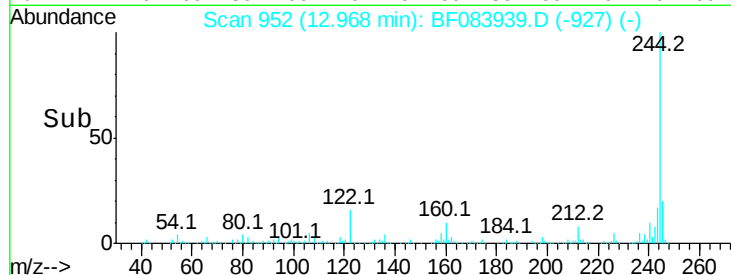
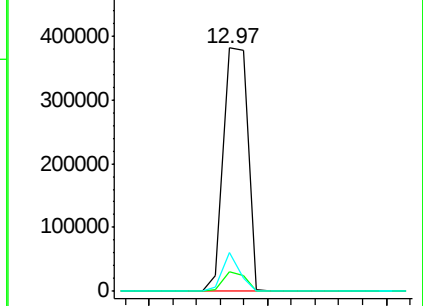
7.4 11.0#



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: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083939.D

Acq: 19 Dec 2015 3:48

Tgt Ion:264 Resp: 145501

Ion Ratio Lower Upper

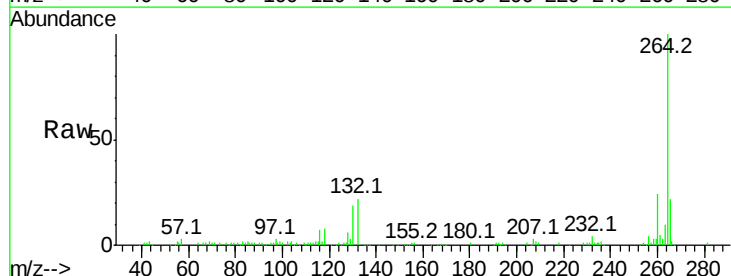
264 100

260 23.7

265 21.5

19.4 29.2

17.8 26.6



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

