

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083644.D
 Acq On : 9 Dec 2015 17:32
 Operator : UM/IZ
 Sample : G4579-13DL3 1000X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL3

Quant Time: Dec 10 02:21:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	132637	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	562205	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	278300	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	499111	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	335111	20.00	ng	-0.01
86) Perylene-d12	18.63	264	295303	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

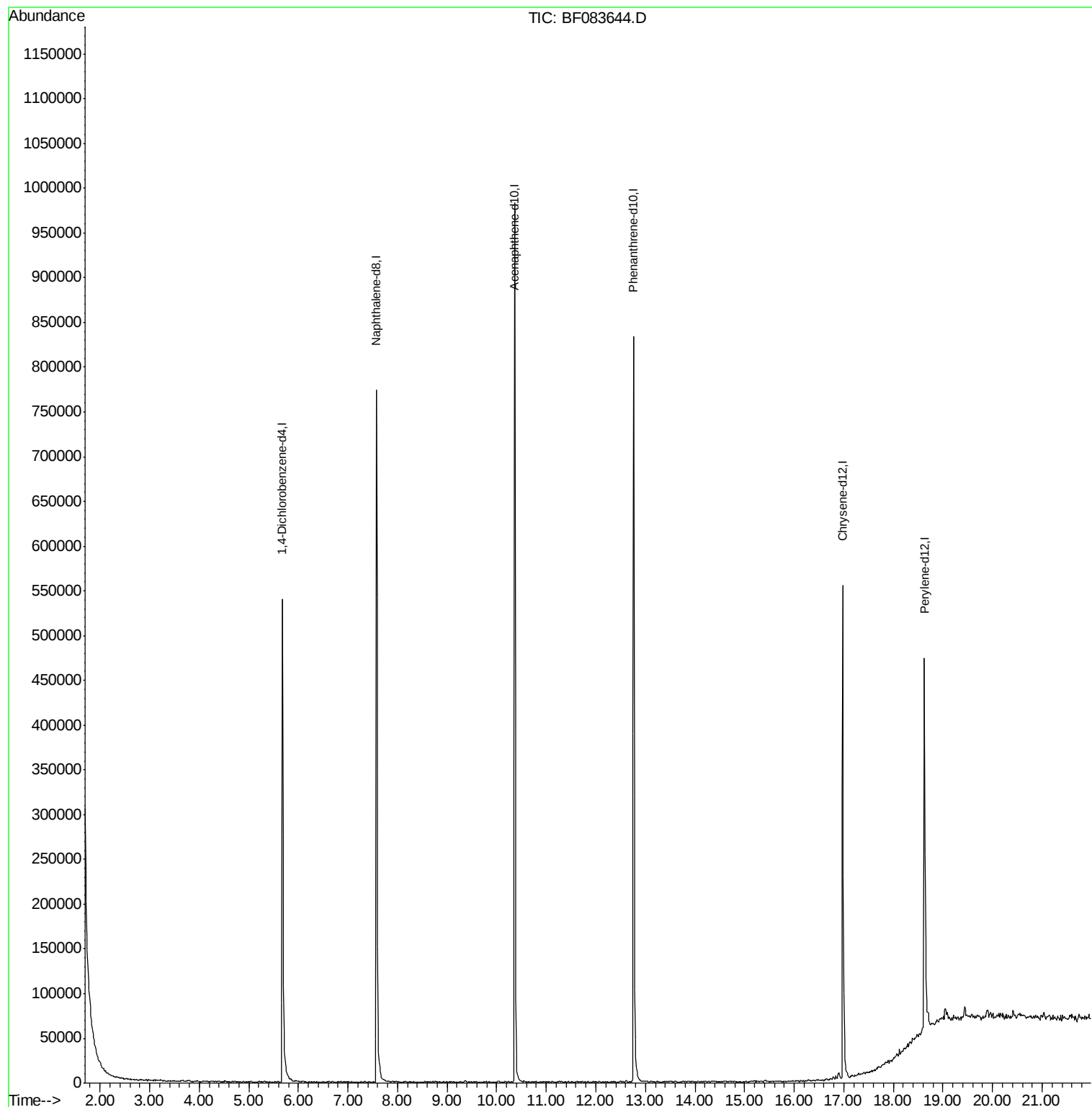
Target Compounds Qvalue

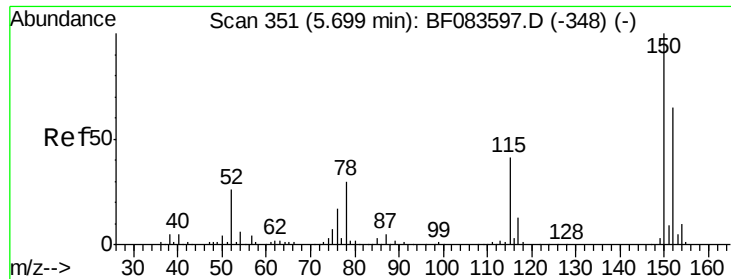
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.68 min Scan# 349

Delta R.T. -0.02 min

Lab File: BF083644.D

Acq: 9 Dec 2015 17:32

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL3

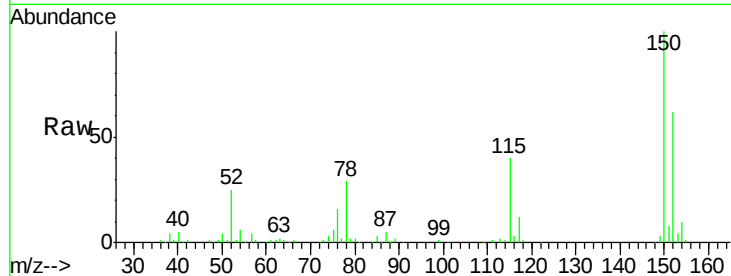
Tot Ion:152 Resp: 132637

Ion Ratio Lower Upper

152 100

150 160.6 126.5 189.7

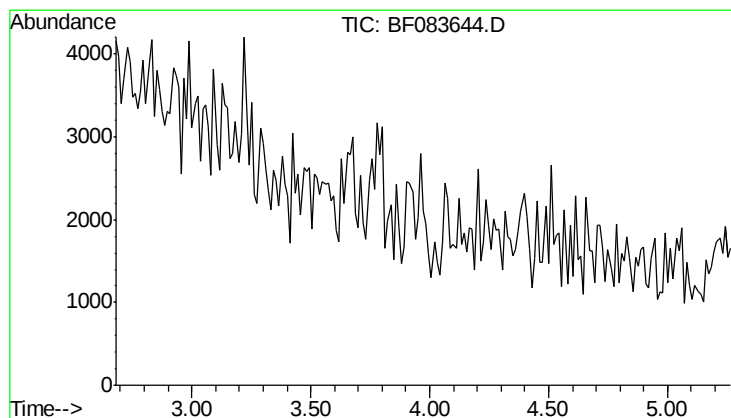
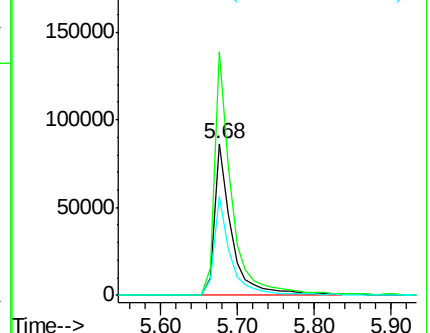
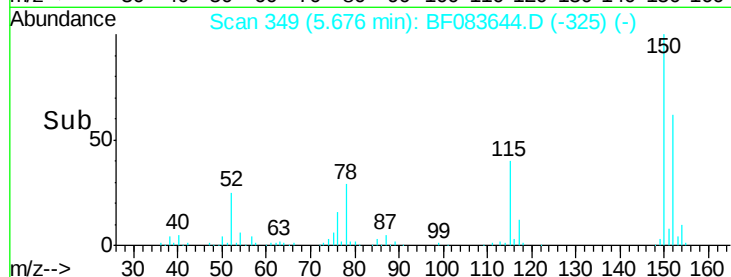
115 65.0 52.3 78.5



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: 0.00 ng

Expected RT: 3.97 min

Lab File: BF083644.D

Acq: 9 Dec 2015 17:32

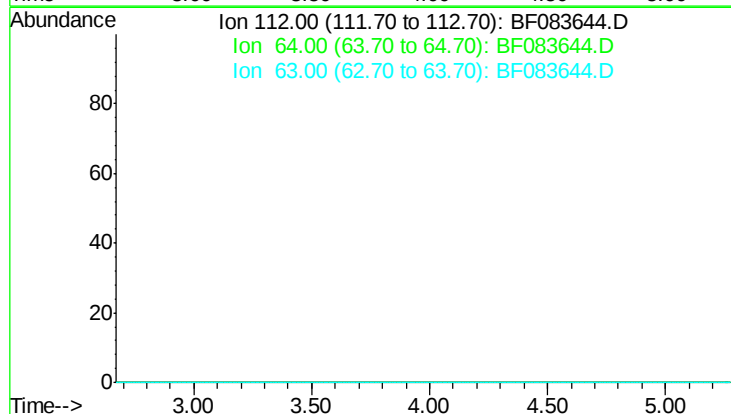
Tgt Ion: 112

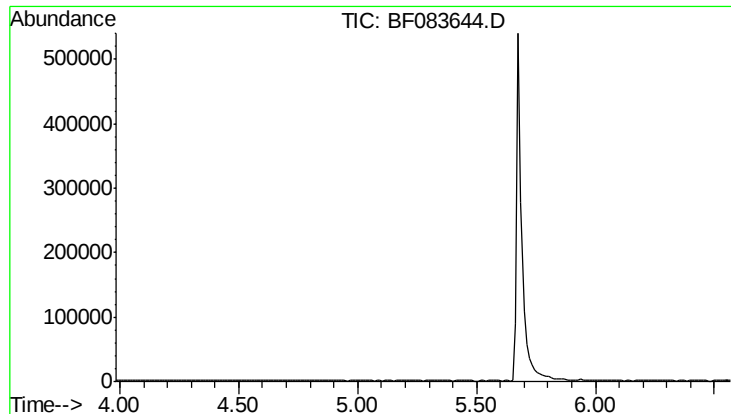
Sig Exp Ratio

112 100

64 63.1

63 32.2





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 5.28 min

Lab File: BF083644.D

Acq: 9 Dec 2015 17:32

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL3

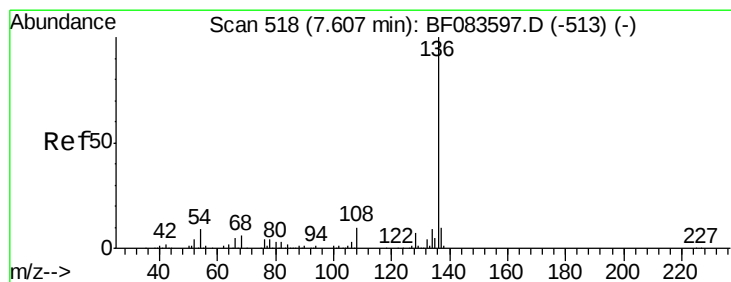
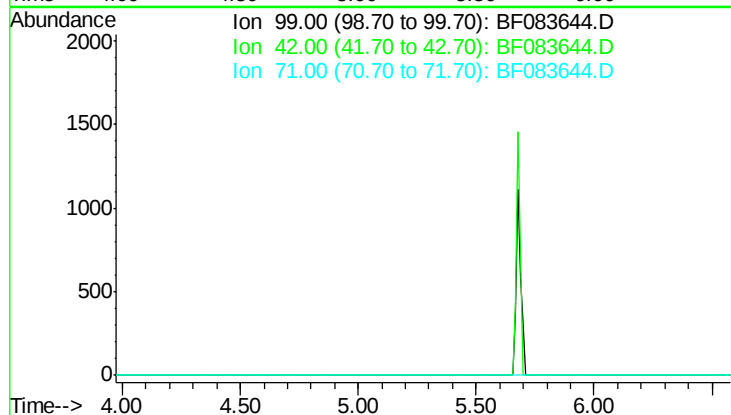
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.6

71 33.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083644.D

Acq: 9 Dec 2015 17:32

Tgt Ion:136 Resp: 562205

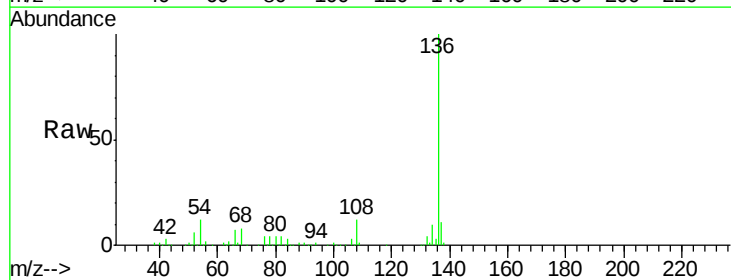
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.6 7.8 11.6

68 7.8 5.7 8.5

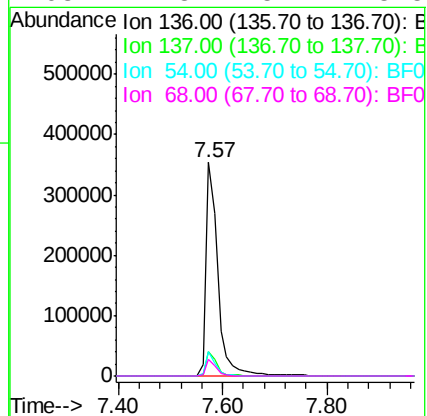
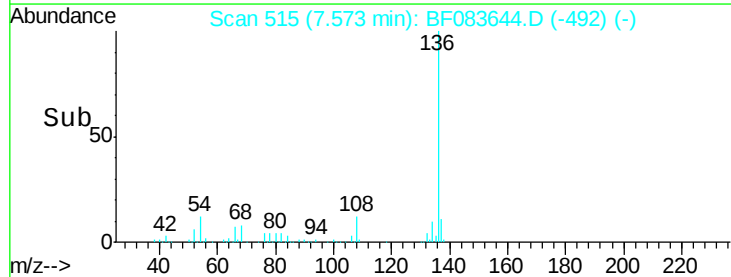


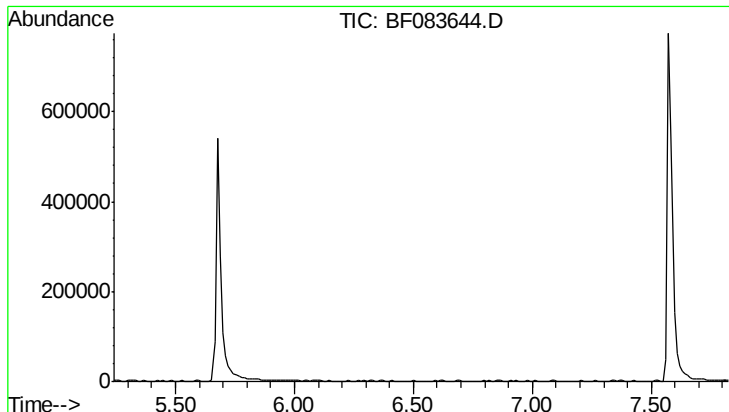
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

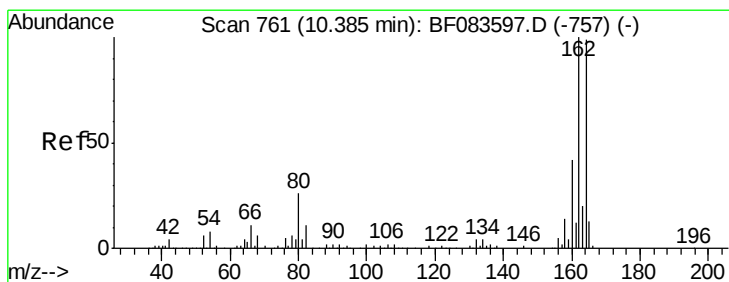
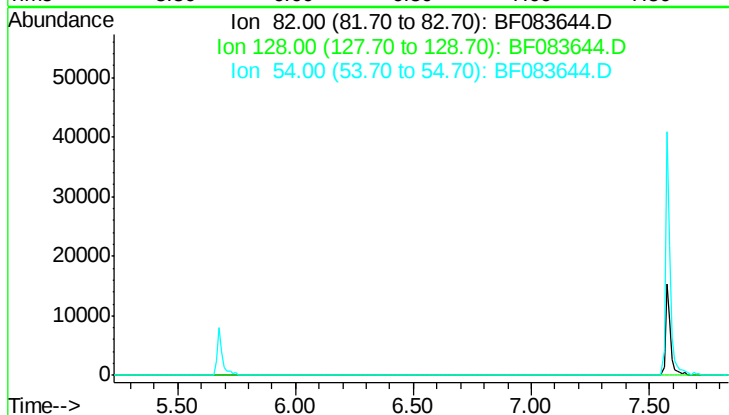




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 6.53 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

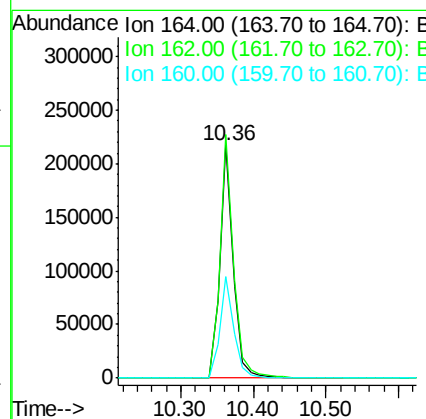
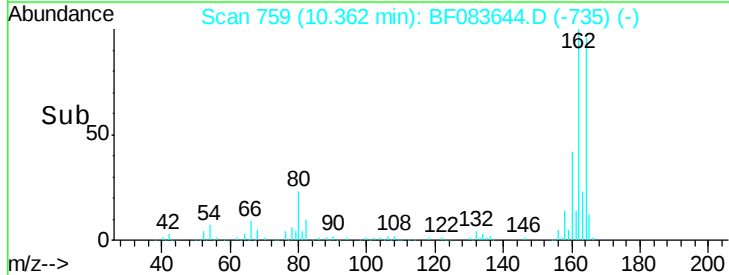
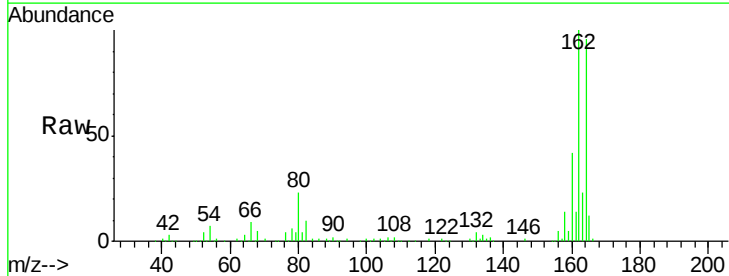
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL3

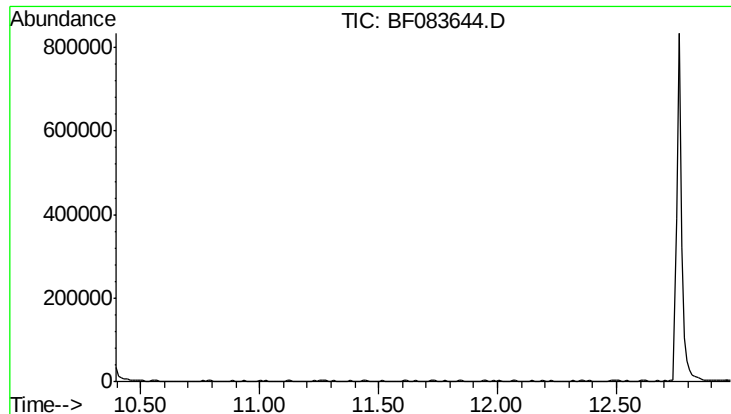
Tot Ion	82
Sig	Exp Ratio
82	100
128	38.4
54	53.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

Tgt Ion	164	Resp	278300
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.8	118.2
160	43.7	33.4	50.2



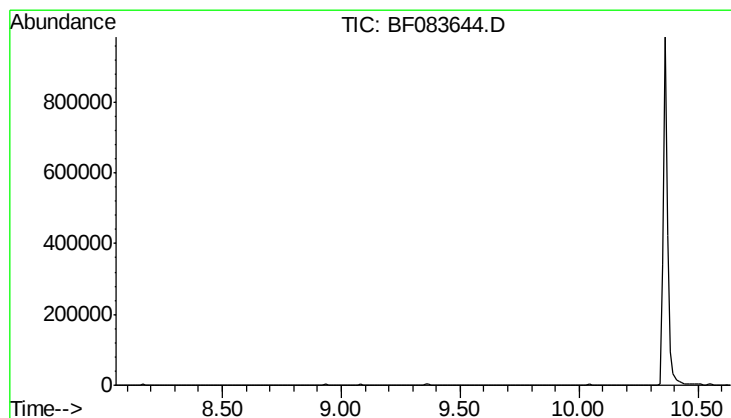
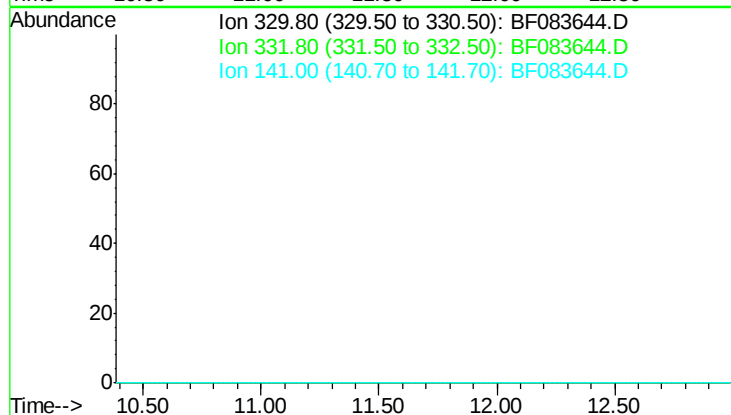


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.69 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL3

Tot Ion: 330

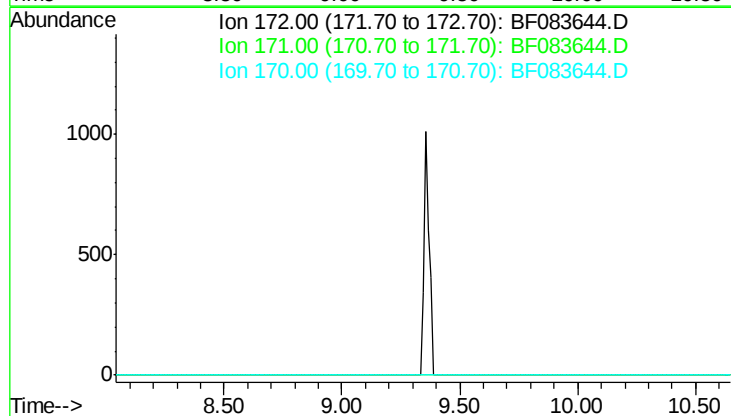
Sig	Exp Ratio
330	100
332	0.0
141	0.0

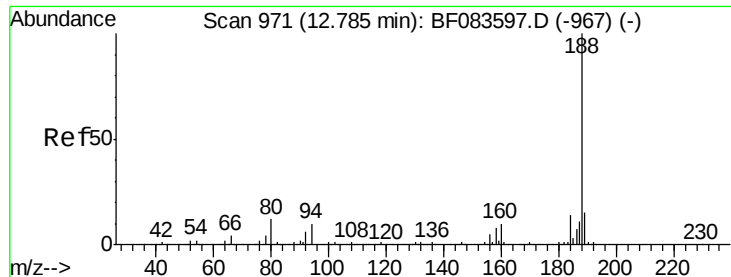


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.34 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.7
170	24.2

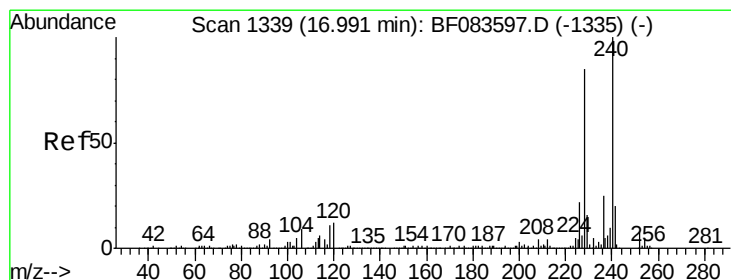
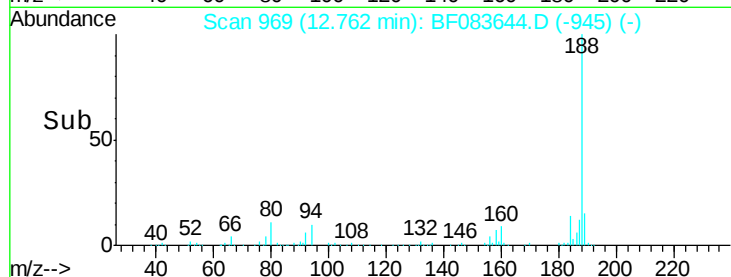
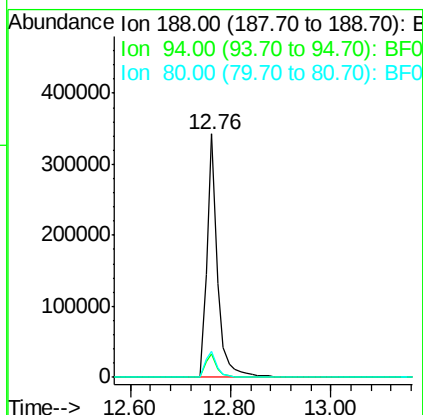
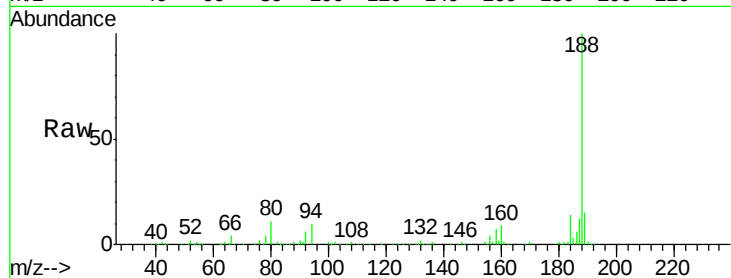




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083644.D
Acq: 9 Dec 2015 17:32

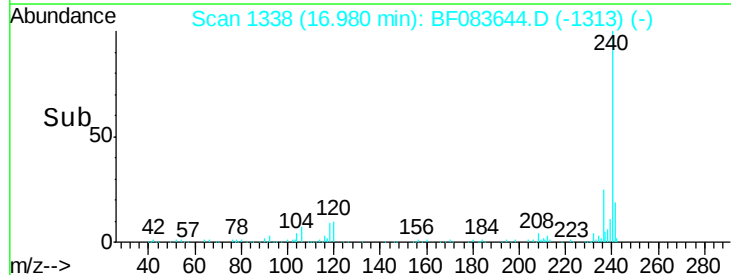
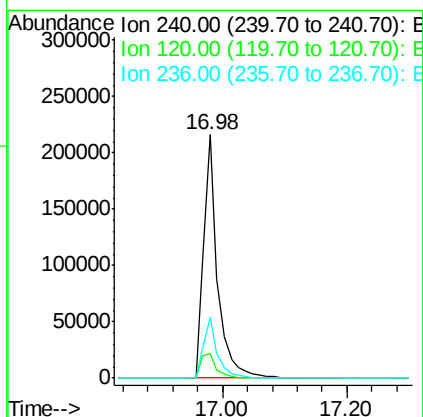
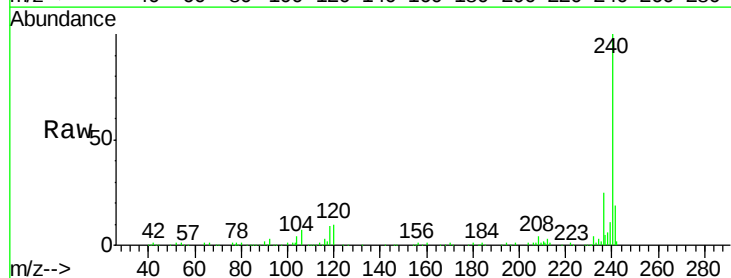
Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL3

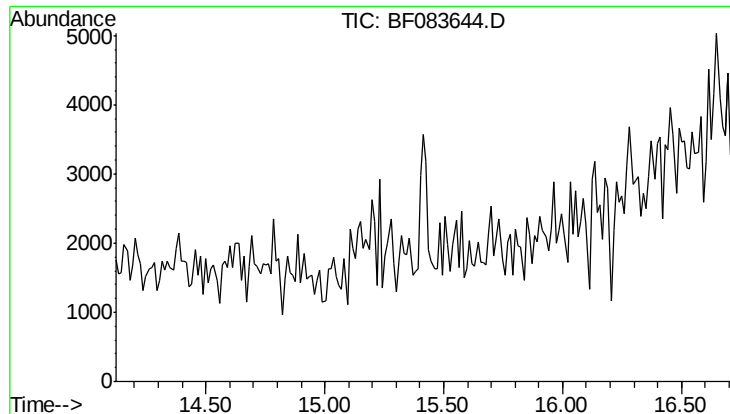
Tot Ion:188 Resp: 499111
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.9 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083644.D
Acq: 9 Dec 2015 17:32

Tgt Ion:240 Resp: 335111
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 24.7 20.8 31.2



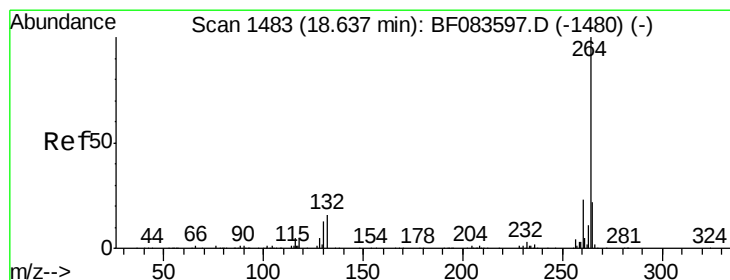
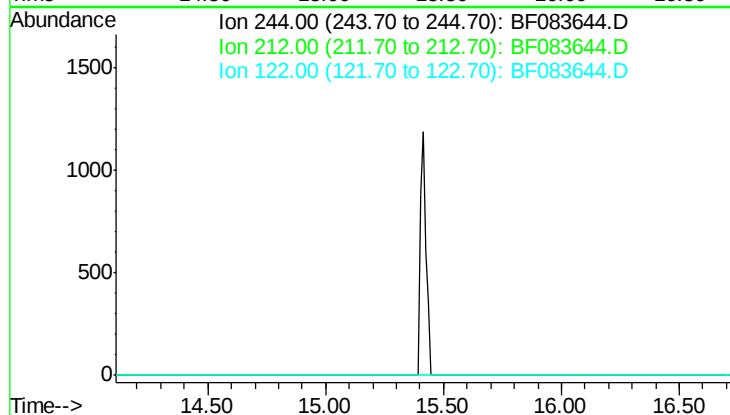


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 15.41 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL3

Tot Ion: 244

Sig	Exp Ratio
244	100
212	7.6
122	13.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083644.D
 Acq: 9 Dec 2015 17:32

Tgt Ion: 264 Resp: 295303

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	20.9	17.8	26.6

