

Data Path : Z:\HPCHEM1\BNA F\Data\BF112717\
 Data File : BF100884.D
 Acq On : 27 Nov 2017 11:44
 Operator : SJ/JU
 Sample : I6574-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:33:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	251	0.40	ng	-0.13
7) Naphthalene-d8	10.47	136	120	0.40	ng	-0.24
13) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.51
19) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.24
27) Chrysene-d12	0.00	240	0	0.00	ng	-21.43
34) Perylene-d12	0.00	264	0	0.00	ng	-23.95

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.48	112	437128	508.35	ng	-0.05
5) Phenol-d6	7.02	99	2319	1.79	ng	-0.12
8) Nitrobenzene-d5	8.88	82	127	1.33	ng	-0.20
11) 2-Methylnaphthalene-d10	12.00	152	514	2.67	ng	-0.28
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
25) Fluoranthene-d10	0.00	212	0	0.00	ng	
29) Terphenyl-d14	0.00	244	0	0.00	ng	

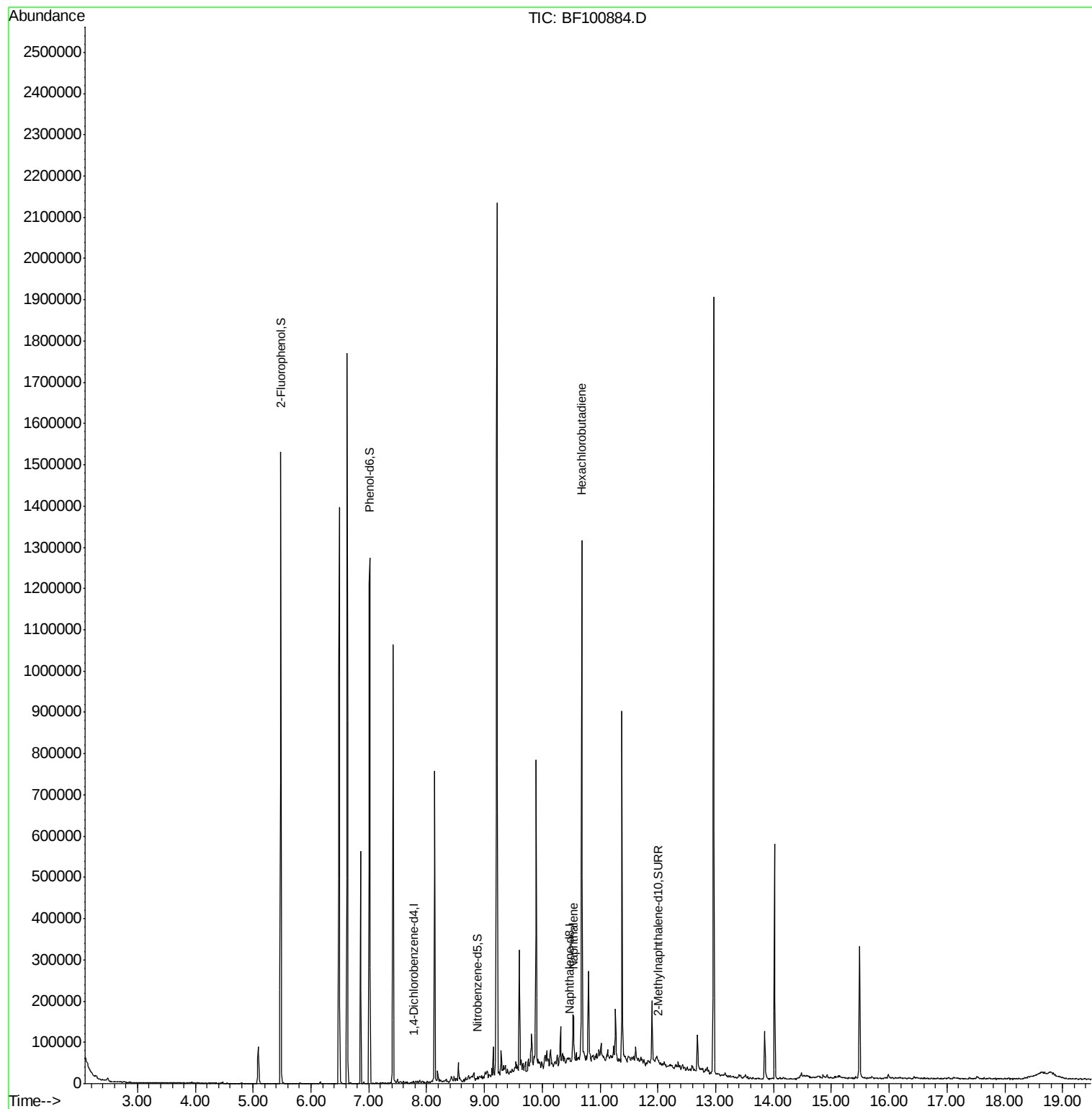
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.53	128	825	0.607	ng	# 1
10) Hexachlorobutadiene	10.69	225	10886	221.508	ng	# 1

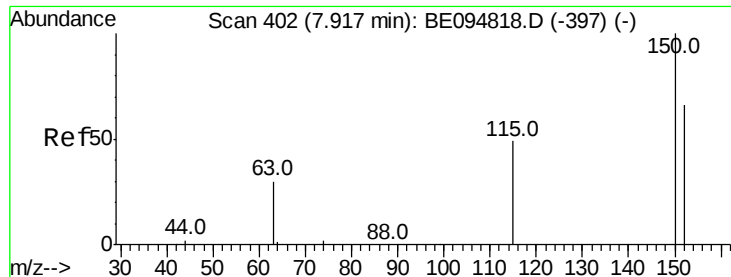
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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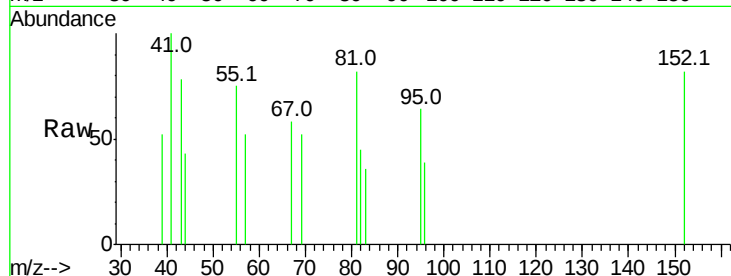


#1

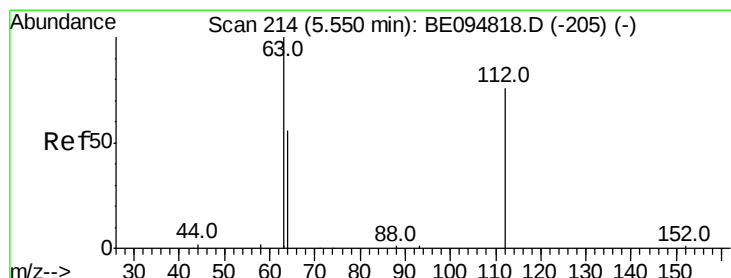
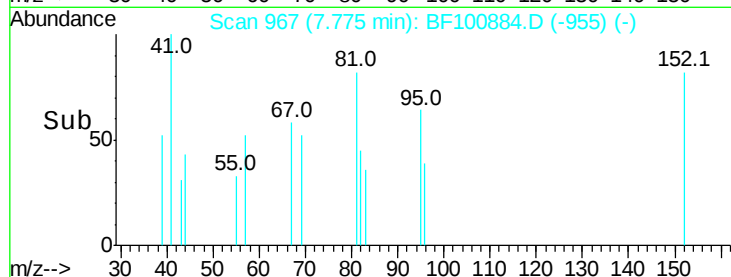
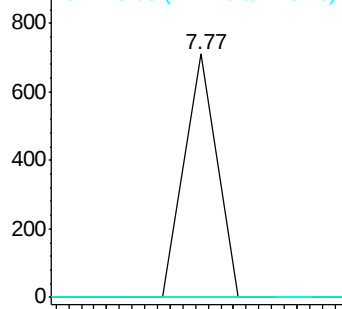
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.13 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 251
Ion Ratio Lower Upper
152 100
150 0.0 117.2 175.8#
115 0.0 57.0 85.6#



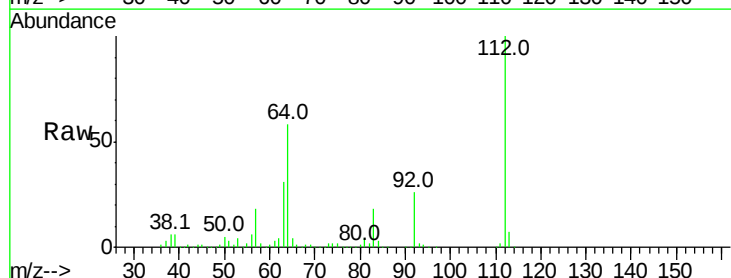
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



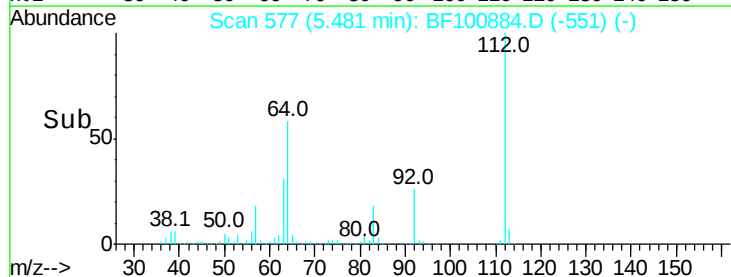
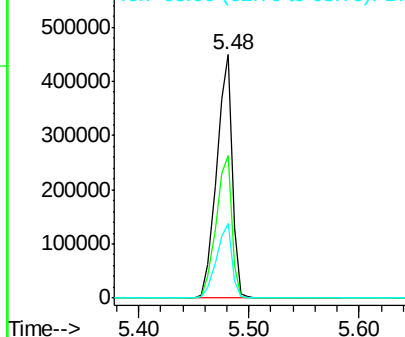
#4

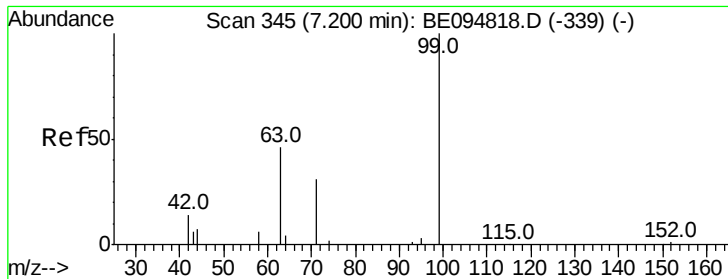
2-Fluorophenol
Concen: 508.347 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tgt Ion:112 Resp: 437128
Ion Ratio Lower Upper
112 100
64 58.8 60.1 90.1#
63 30.1 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#5

Phenol-d6

Concen: 1.787 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.12 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

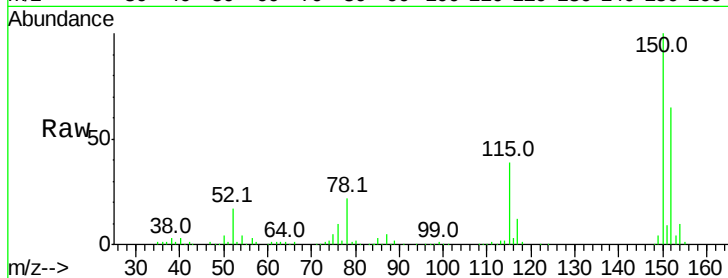
Tot Ion: 99 Resp: 2319

Ion Ratio Lower Upper

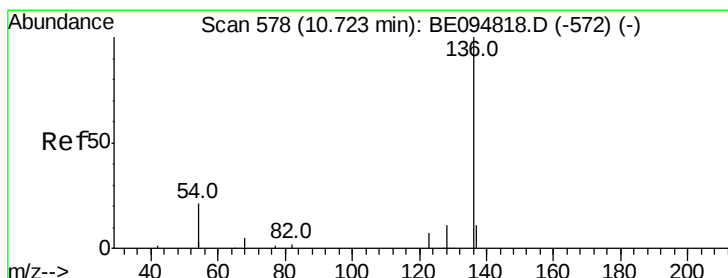
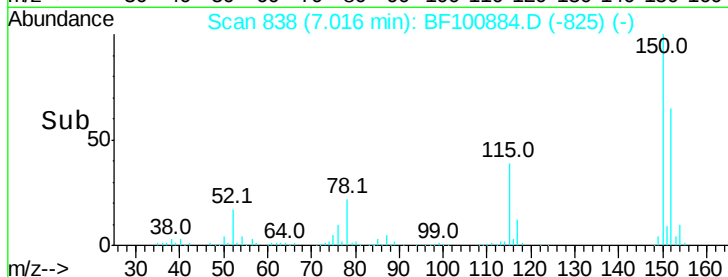
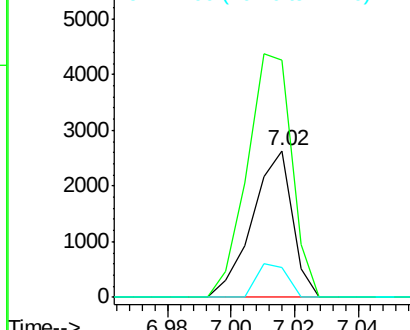
99 100

42 184.1 20.2 30.2#

71 17.5 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.24 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

Tgt Ion: 136 Resp: 120

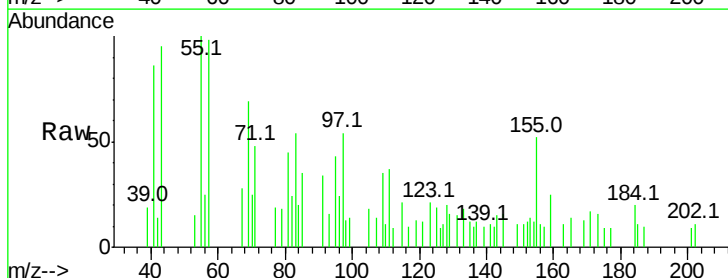
Ion Ratio Lower Upper

136 100

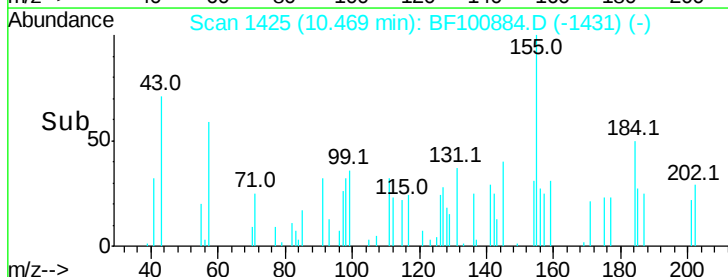
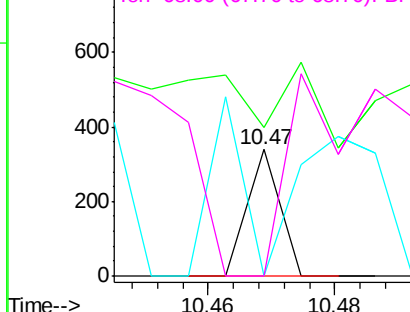
137 117.4 9.5 14.3#

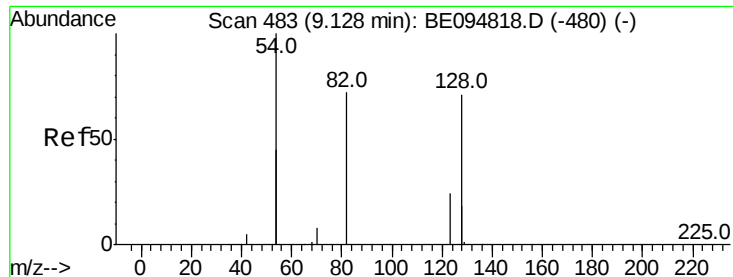
54 0.0 29.1 43.7#

68 0.0 6.2 9.2#



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

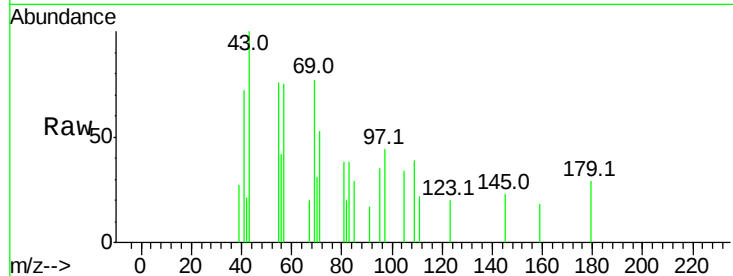




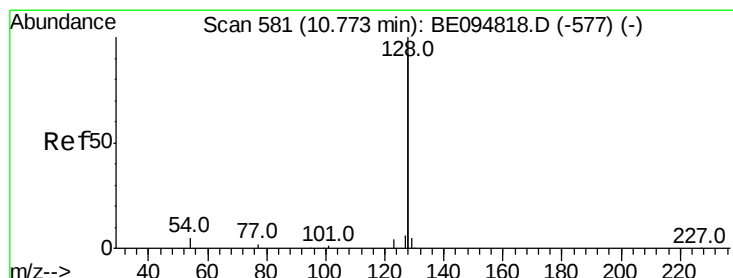
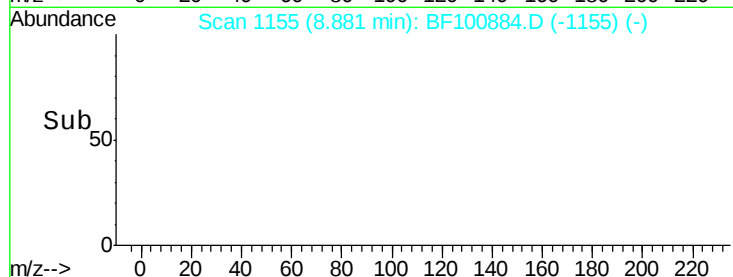
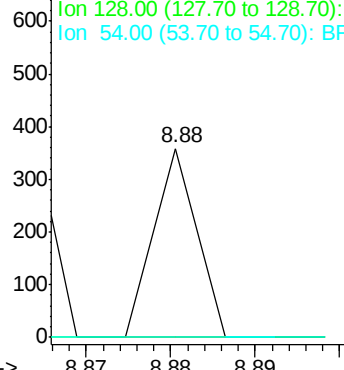
#8
 Nitrobenzene-d5
 Concen: 1.326 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.20 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	150.0	225.0#
54	0.0	154.2	231.4#

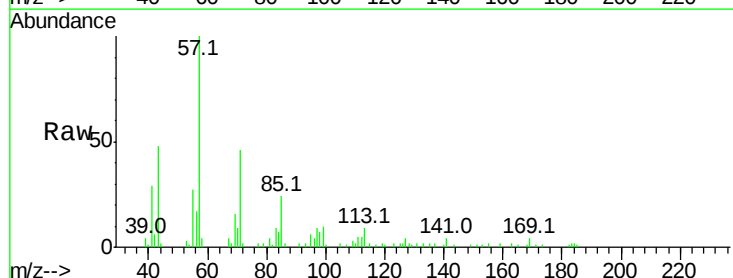


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

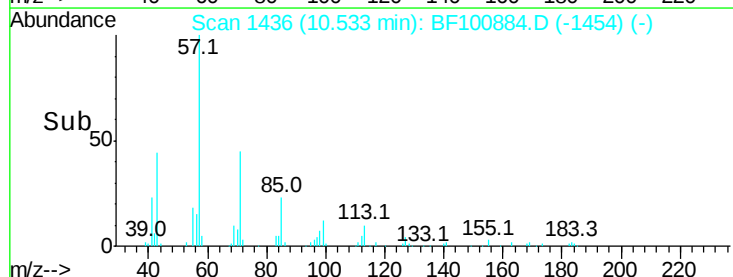
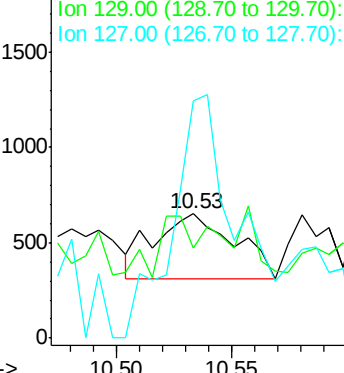


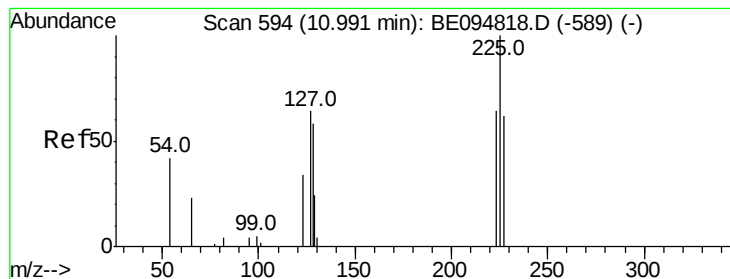
#9
 Naphthalene
 Concen: 0.607 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.21 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	72.9	2.6	3.8#
127	191.0	2.8	4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#10

Hexachlorobutadiene

Concen: 221.508 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.32 min

Lab File: BF100884.D

Acq: 27 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

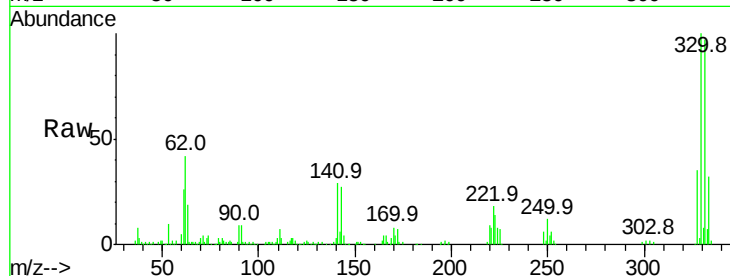
Tot Ion:225 Resp: 10886

Ion Ratio Lower Upper

225 100

223 211.0 53.0 79.6#

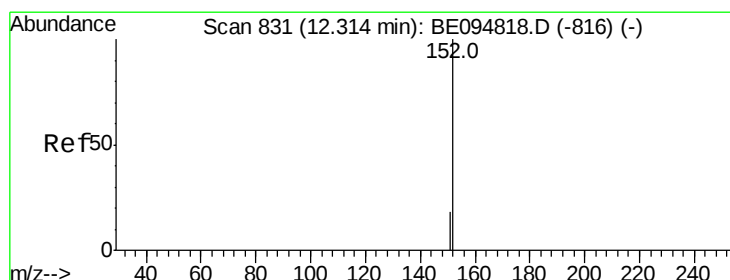
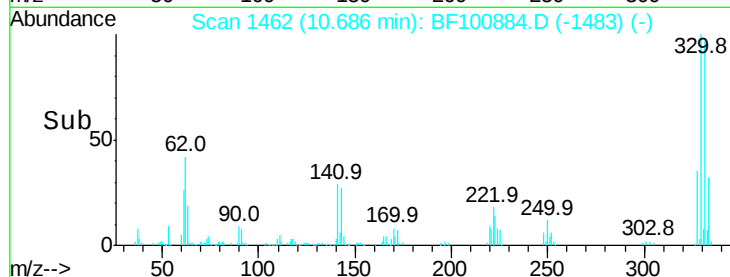
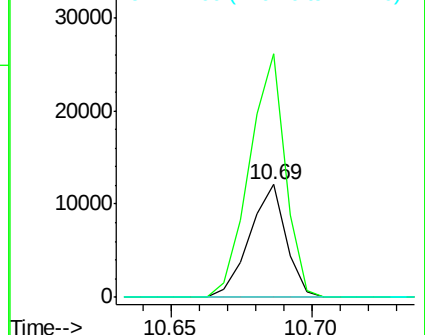
227 0.0 51.4 77.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 2.669 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.28 min

Lab File: BF100884.D

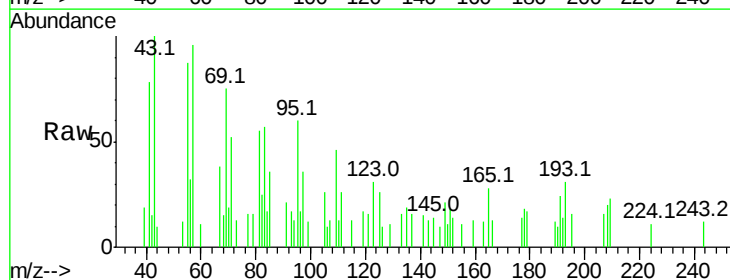
Acq: 27 Nov 2017 11:44

Tgt Ion:152 Resp: 514

Ion Ratio Lower Upper

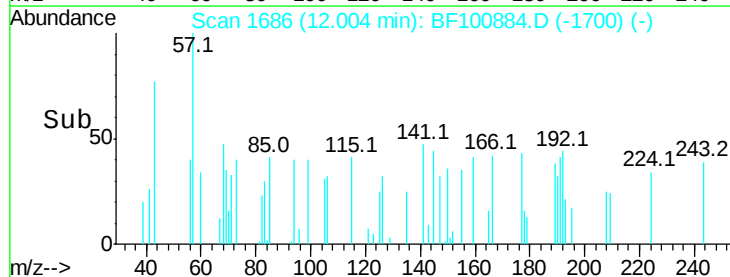
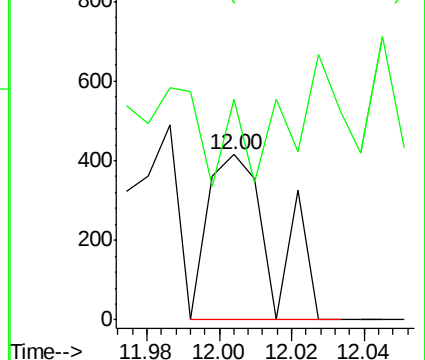
152 100

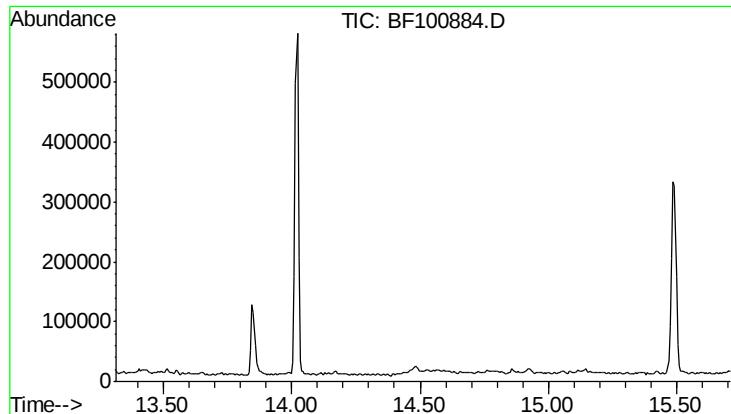
151 0.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

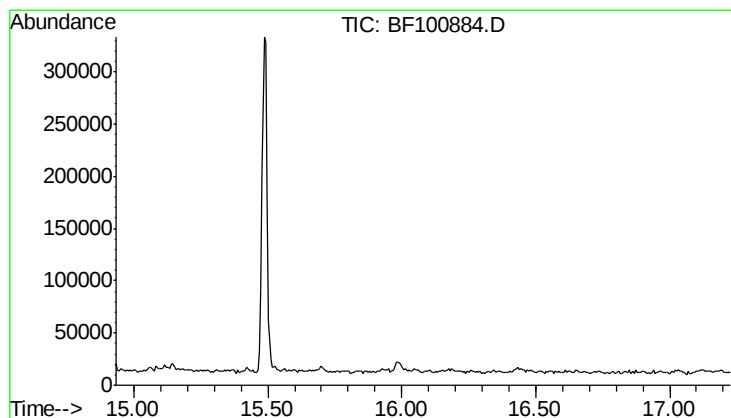
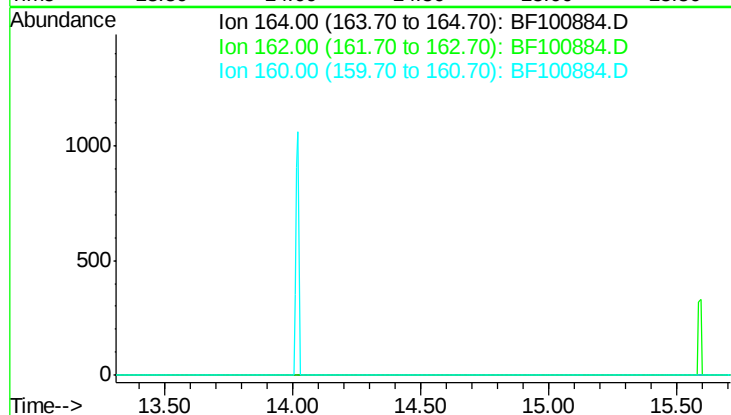




#13
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.51 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

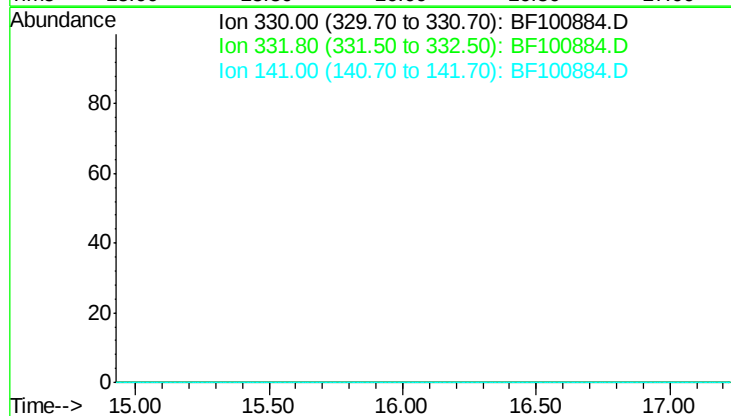
Instrument :
 BNA_F
 ClientSampleId :

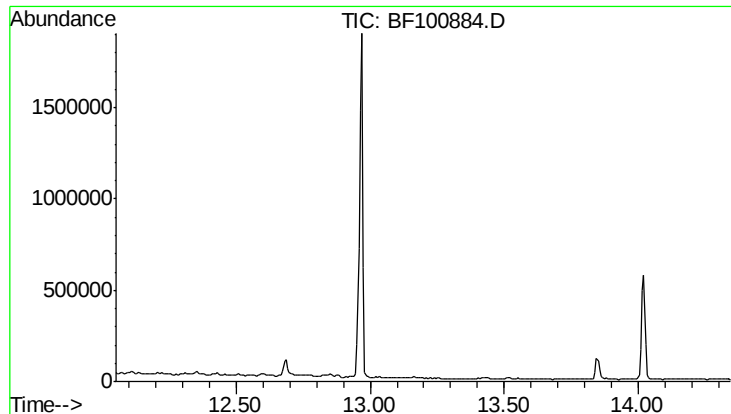
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 103.9
 160 46.4



#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.03 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 190.9
 141 42.1

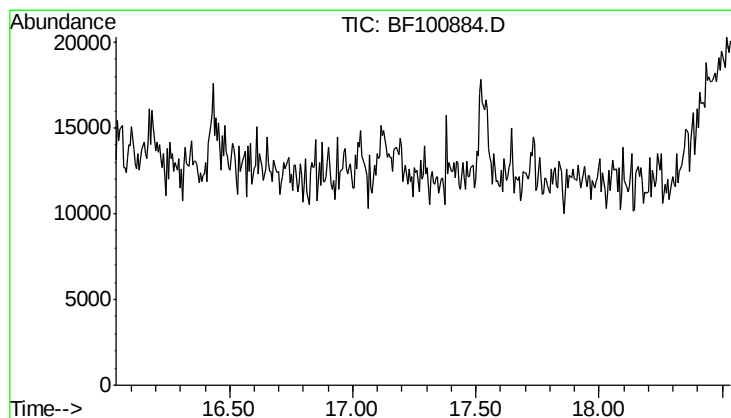
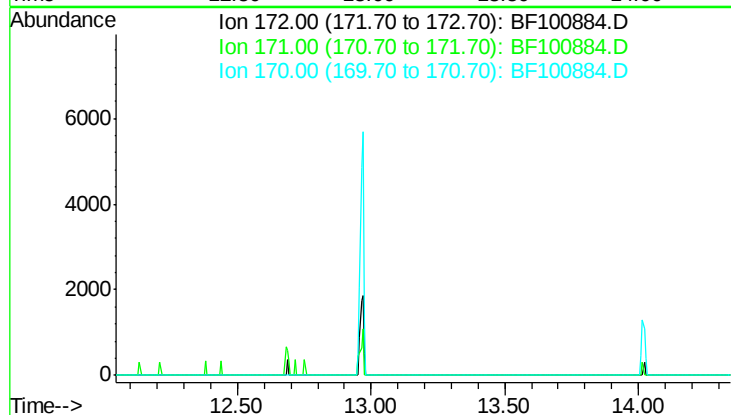




#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.15 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

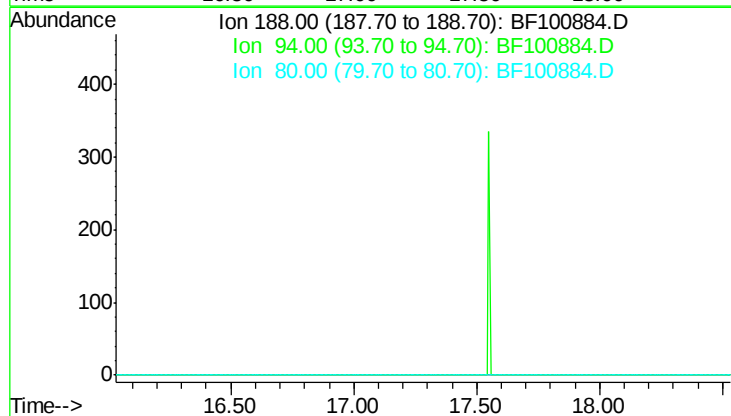
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.4
 170 27.3



#19
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.24 min
 Lab File: BF100884.D
 Acq: 27 Nov 2017 11:44

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 4.9
 80 4.5



#25
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.28 min

Instrument :
BNA_F
ClientSampleId :

Lab File: BF100884.D
Acq: 27 Nov 2017 11:44

Tot Ion: 212	
Sig	Exp Ratio
212	100
106	3.5
104	2.0