

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083796.D
 Acq On : 15 Dec 2015 4:01
 Operator : UM/IZ
 Sample : G4779-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Quant Time: Dec 15 06:28:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113176	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	418704	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	227629	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	392808	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	345423	20.00	ng	-0.03
86) Perylene-d12	15.48	264	270546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	396300	56.49	ng	-0.02
7) Phenol-d6	6.52	99	331905	37.36	ng	-0.02
23) Nitrobenzene-d5	7.46	82	586863	78.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	321890	138.78	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1226020	76.59	ng	-0.02
78) Terphenyl-d14	13.00	244	1231836	76.71	ng	-0.02

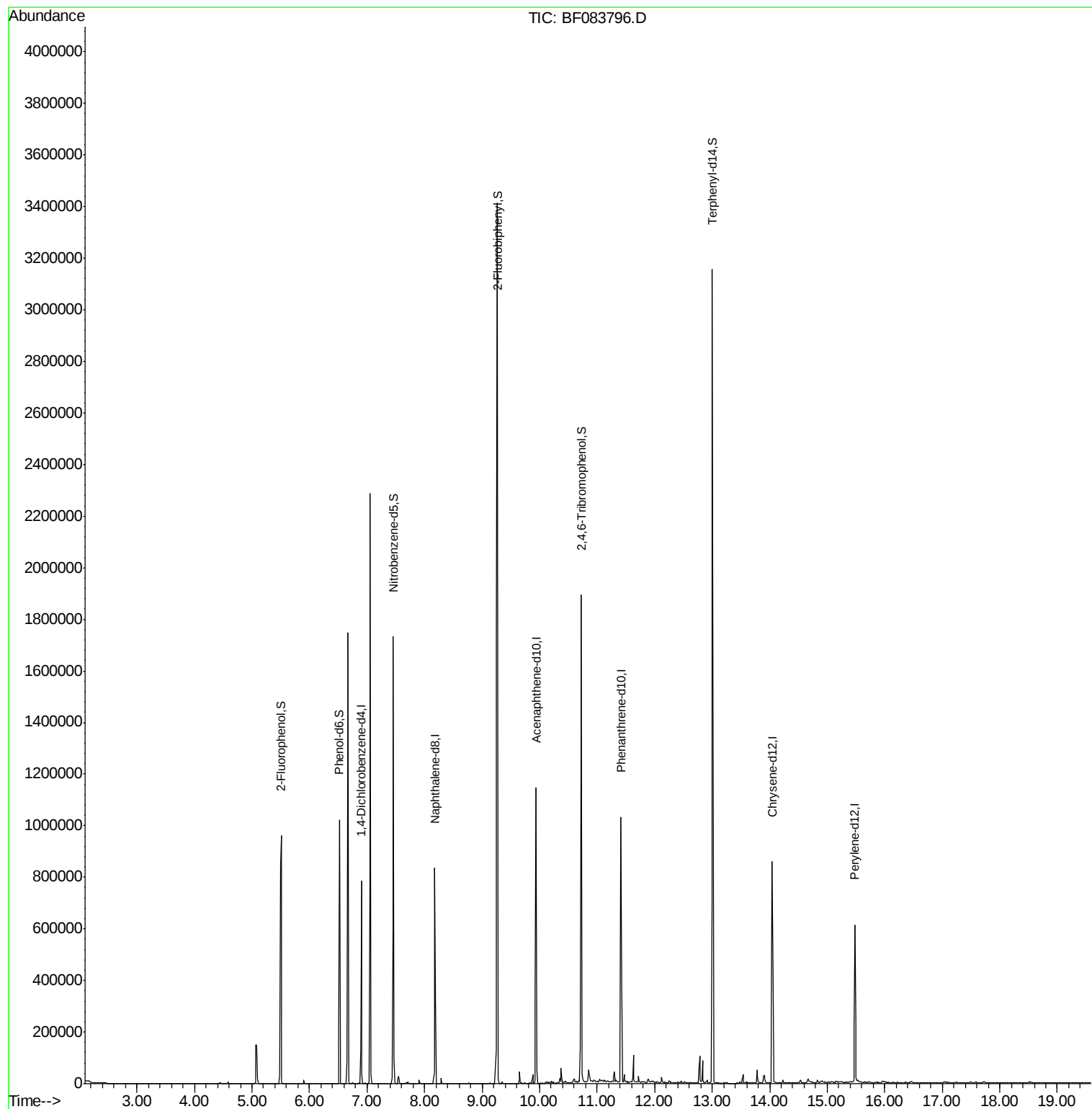
Target Compounds Qvalue

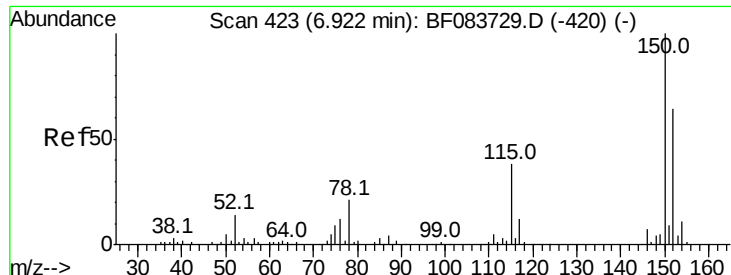
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Instrument :

BNA_F

ClientSampleId :

W-46

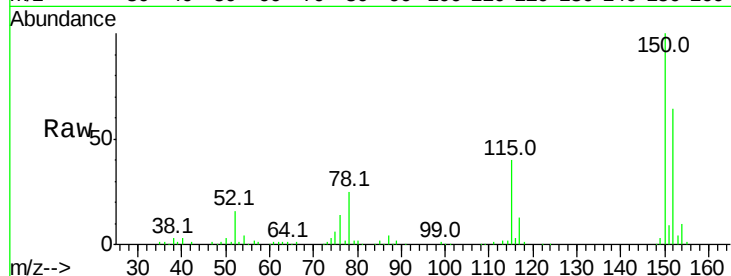
Tot Ion:152 Resp: 113176

Ion Ratio Lower Upper

152 100

150 155.4 126.5 189.7

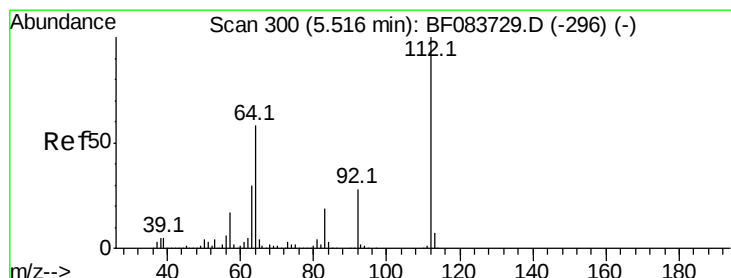
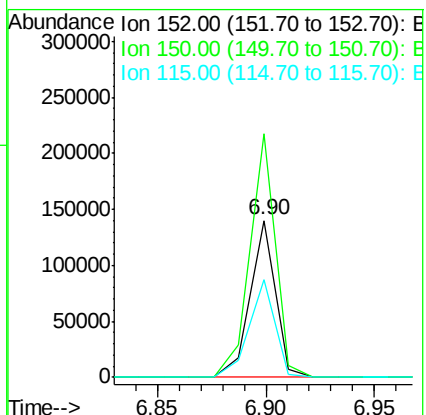
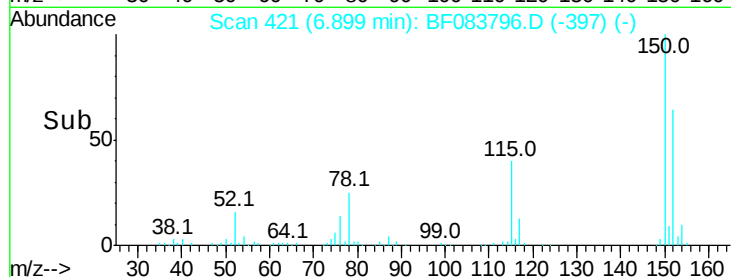
115 62.6 52.3 78.5



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: 56.49 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

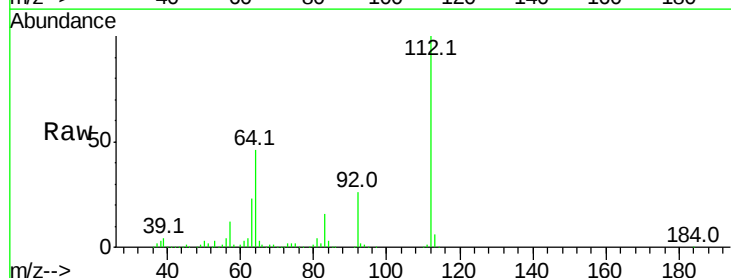
Tgt Ion:112 Resp: 396300

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

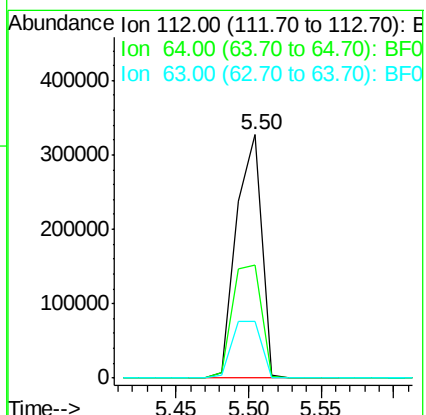
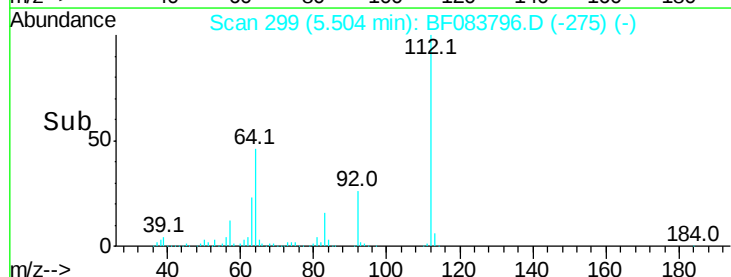
63 23.3 25.8 38.6#

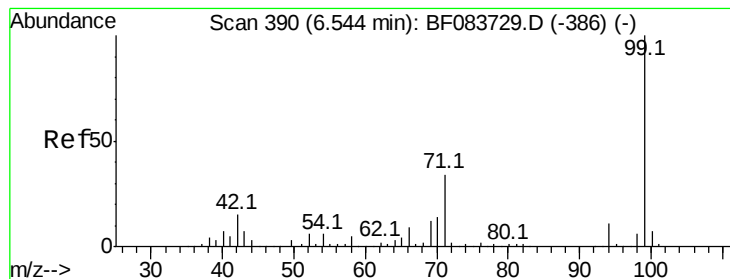


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.36 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Instrument :

BNA_F

ClientSampleId :

W-46

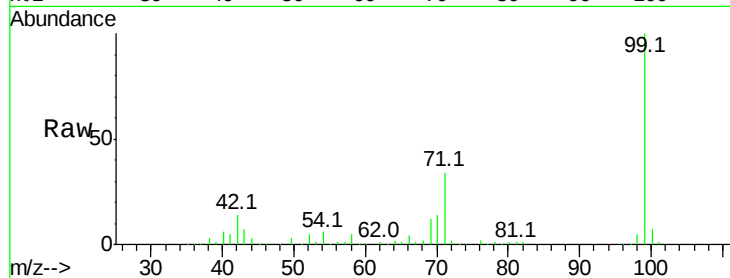
Tot Ion: 99 Resp: 331905

Ion Ratio Lower Upper

99 100

42 14.3 17.3 25.9#

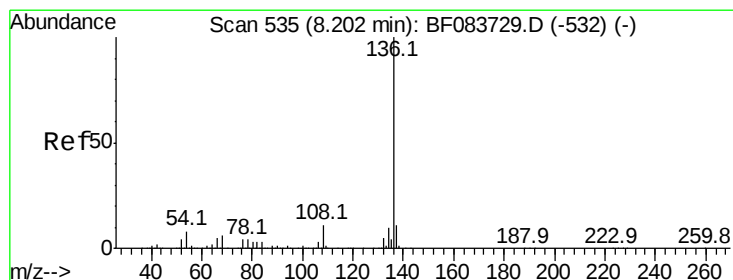
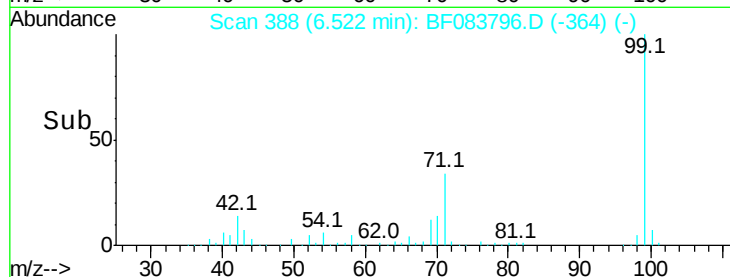
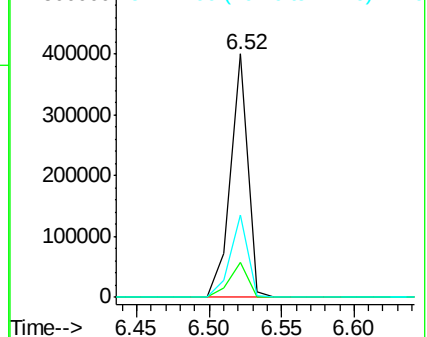
71 33.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083796.D

Acq: 15 Dec 2015 4:01

Tgt Ion: 136 Resp: 418704

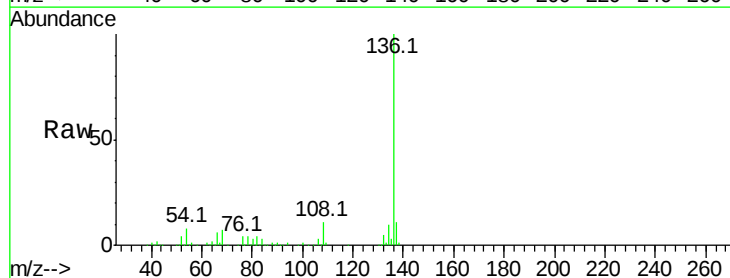
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.3 7.8 11.6

68 6.6 5.7 8.5

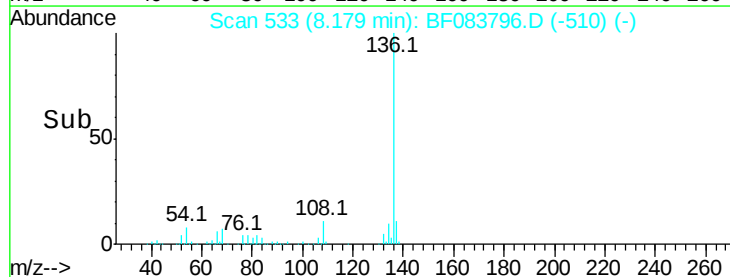
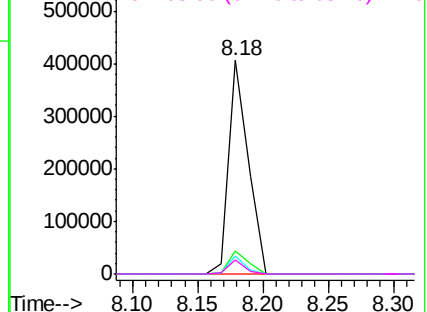


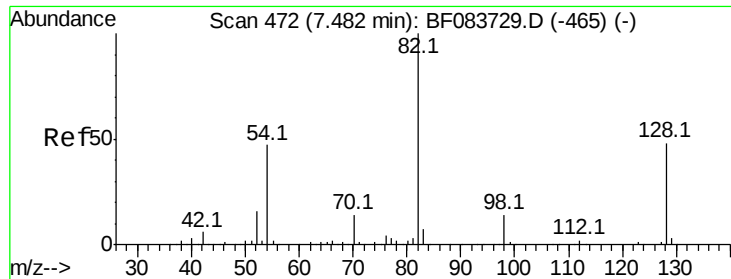
Abundance Ion 136.00 (135.70 to 136.70): E

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

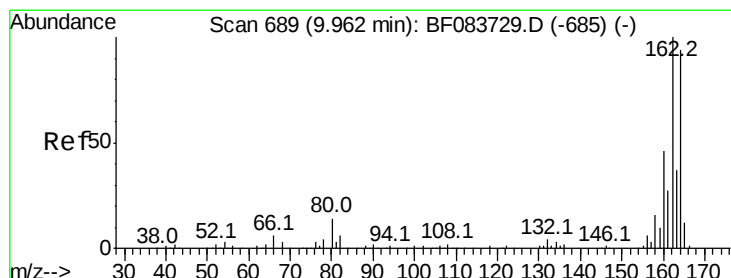
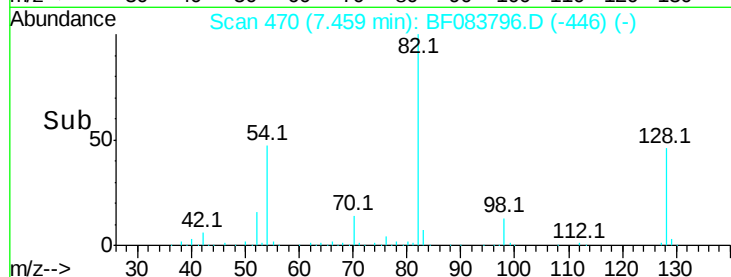
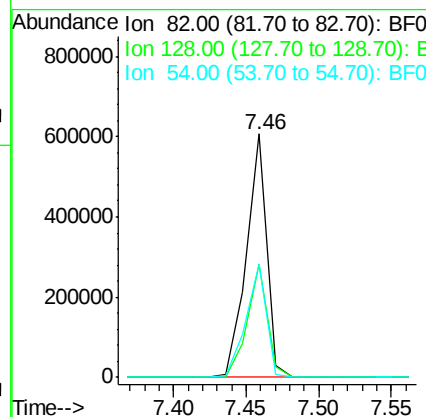
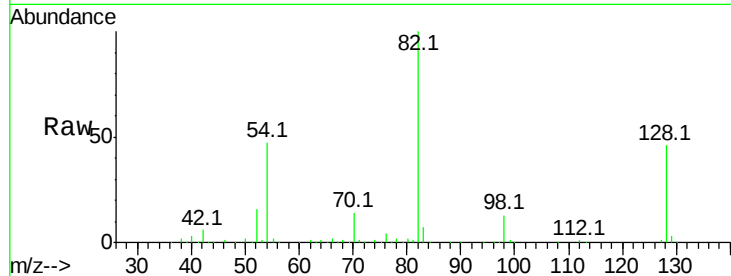




#23
 Nitrobenzene-d5
 Concen: 78.42 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

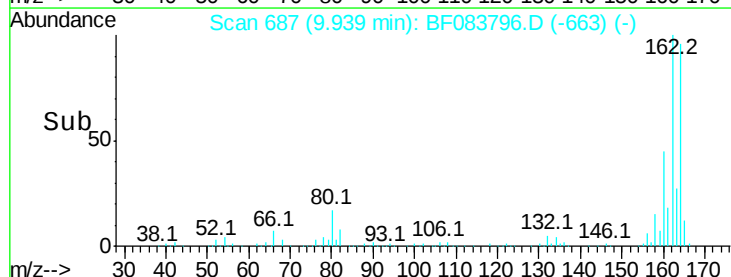
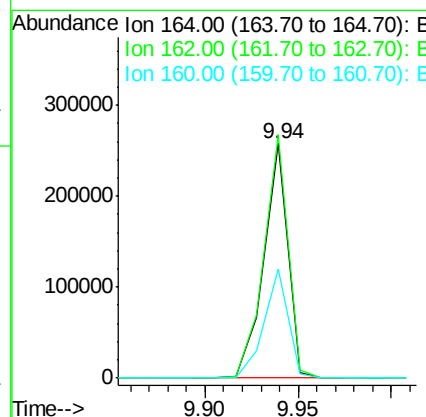
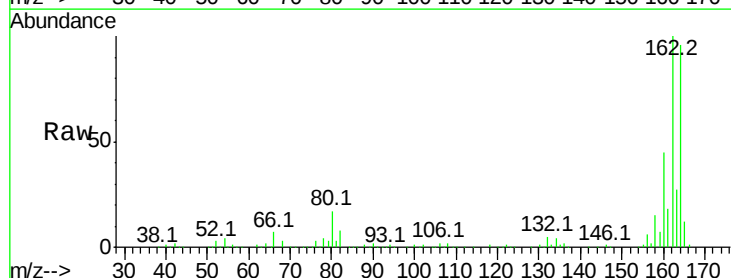
Instrument :
 BNA_F
 ClientSampled :
 W-46

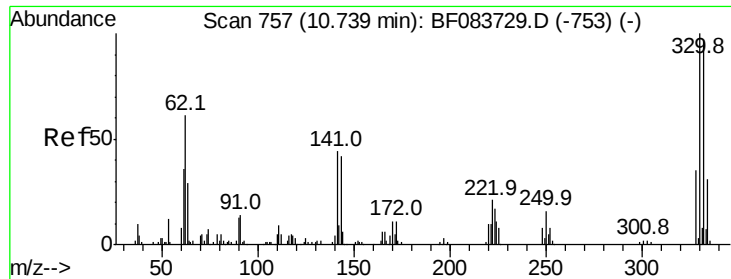
Tot Ion	82	Resp	586863
Ion Ratio	100	Lower	Upper
128	46.2	30.7	46.1#
54	46.6	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Tgt Ion	164	Resp	227629
Ion Ratio	100	Lower	Upper
162	103.8	78.8	118.2
160	46.6	33.4	50.2

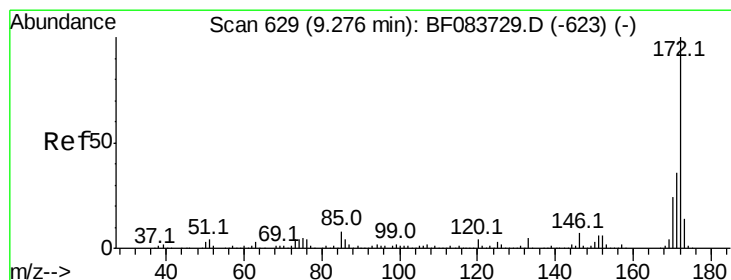
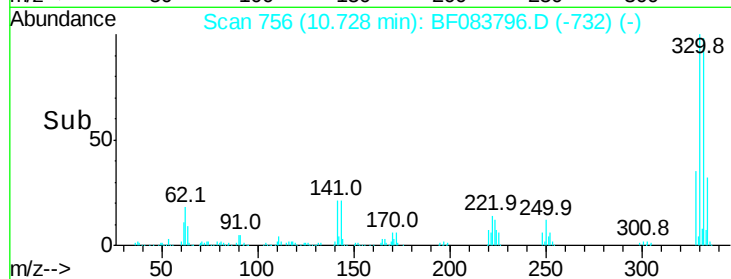
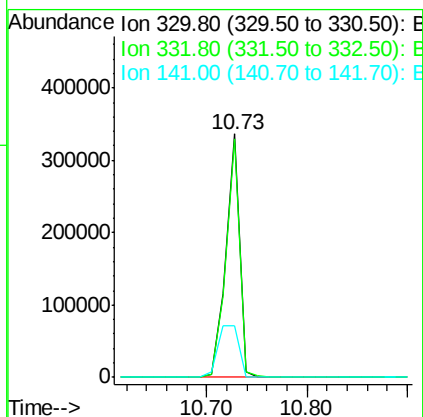
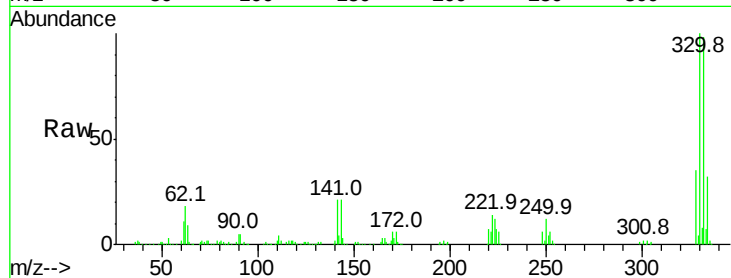




#41
 2,4,6-Tribromophenol
 Concen: 138.78 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

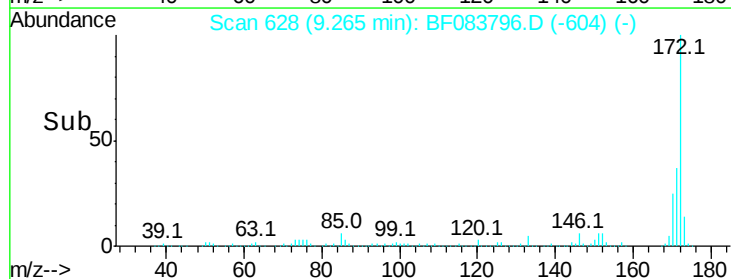
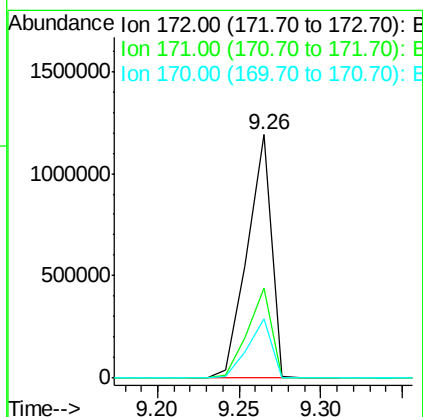
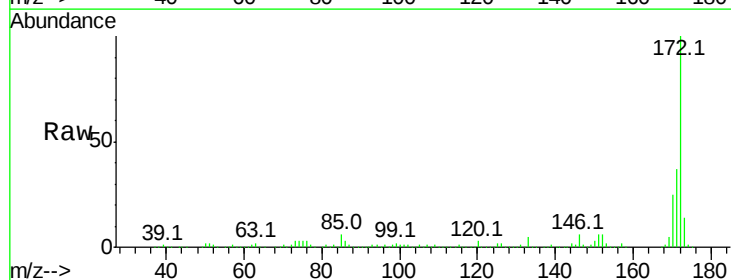
Instrument :
 BNA_F
 ClientSampleId :
 W-46

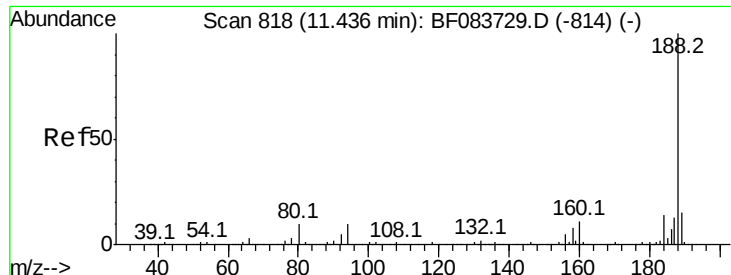
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	32.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.59 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.5	19.4	29.0

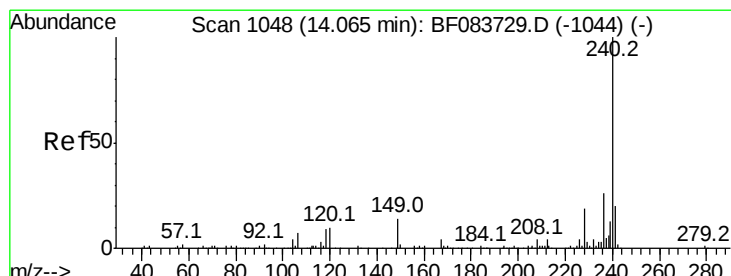
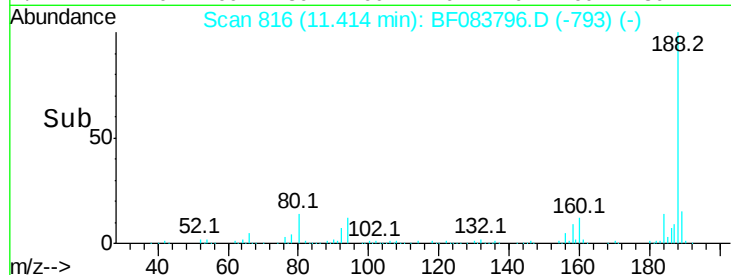
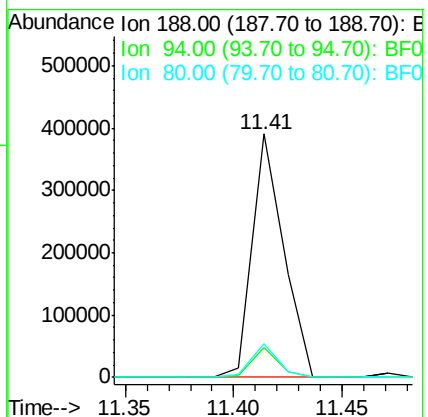
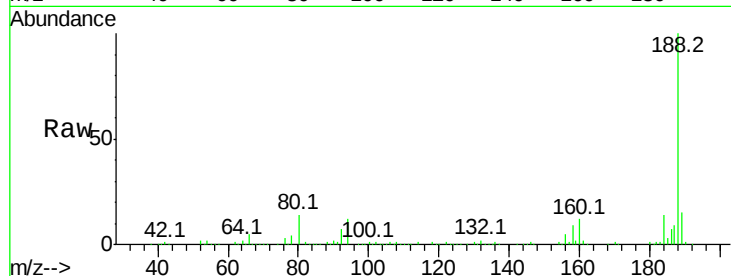




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

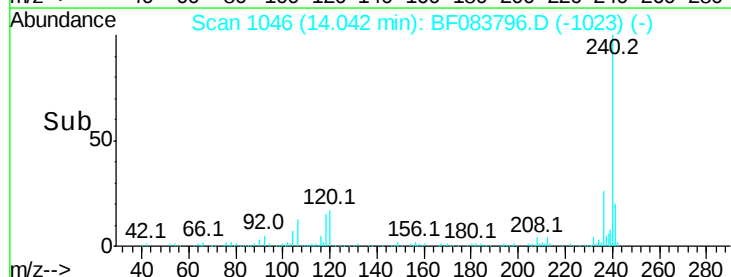
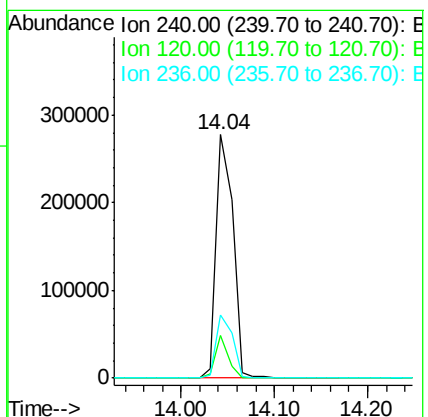
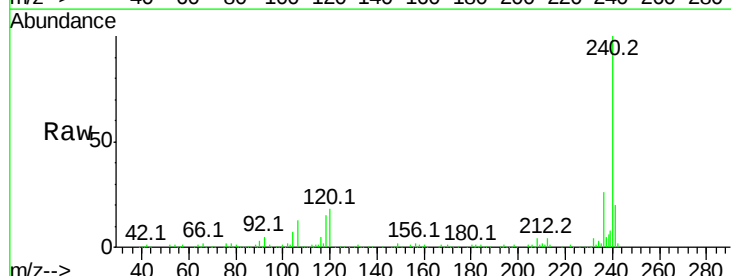
Instrument :
BNA_F
ClientSampled :
W-46

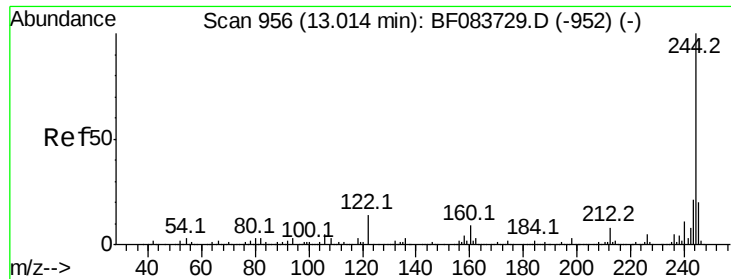
Tot Ion:188 Resp: 392808
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.8 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083796.D
Acq: 15 Dec 2015 4:01

Tgt Ion:240 Resp: 345423
Ion Ratio Lower Upper
240 100
120 17.5 8.1 12.1#
236 25.8 20.8 31.2



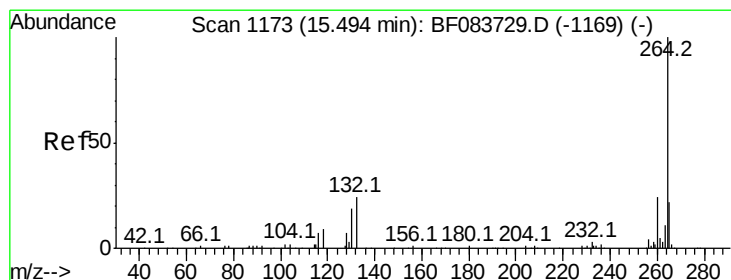
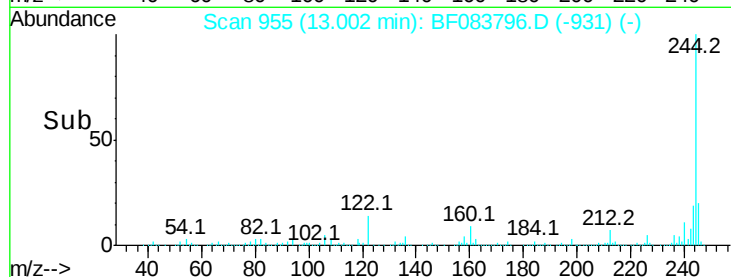
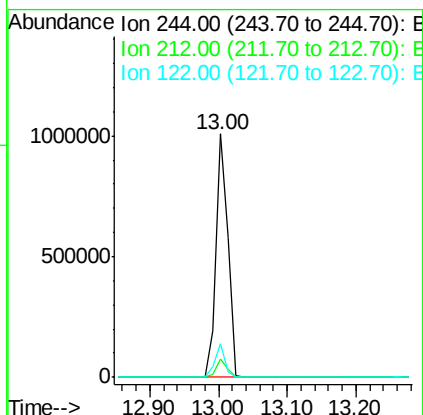
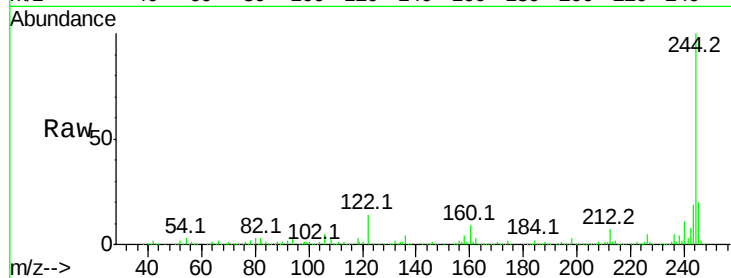


#78
 Terphenyl-d14
 Concen: 76.71 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Instrument :
 BNA_F
 ClientSampled :
 W-46

Tot Ion:244 Resp: 1231836

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.8	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083796.D
 Acq: 15 Dec 2015 4:01

Tgt Ion:264 Resp: 270546

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.3	17.8	26.6

