

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084800.D
 Acq On : 3 Feb 2016 22:31
 Operator : SJ/IZ
 Sample : H1331-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)

Quant Time: Feb 04 03:57:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

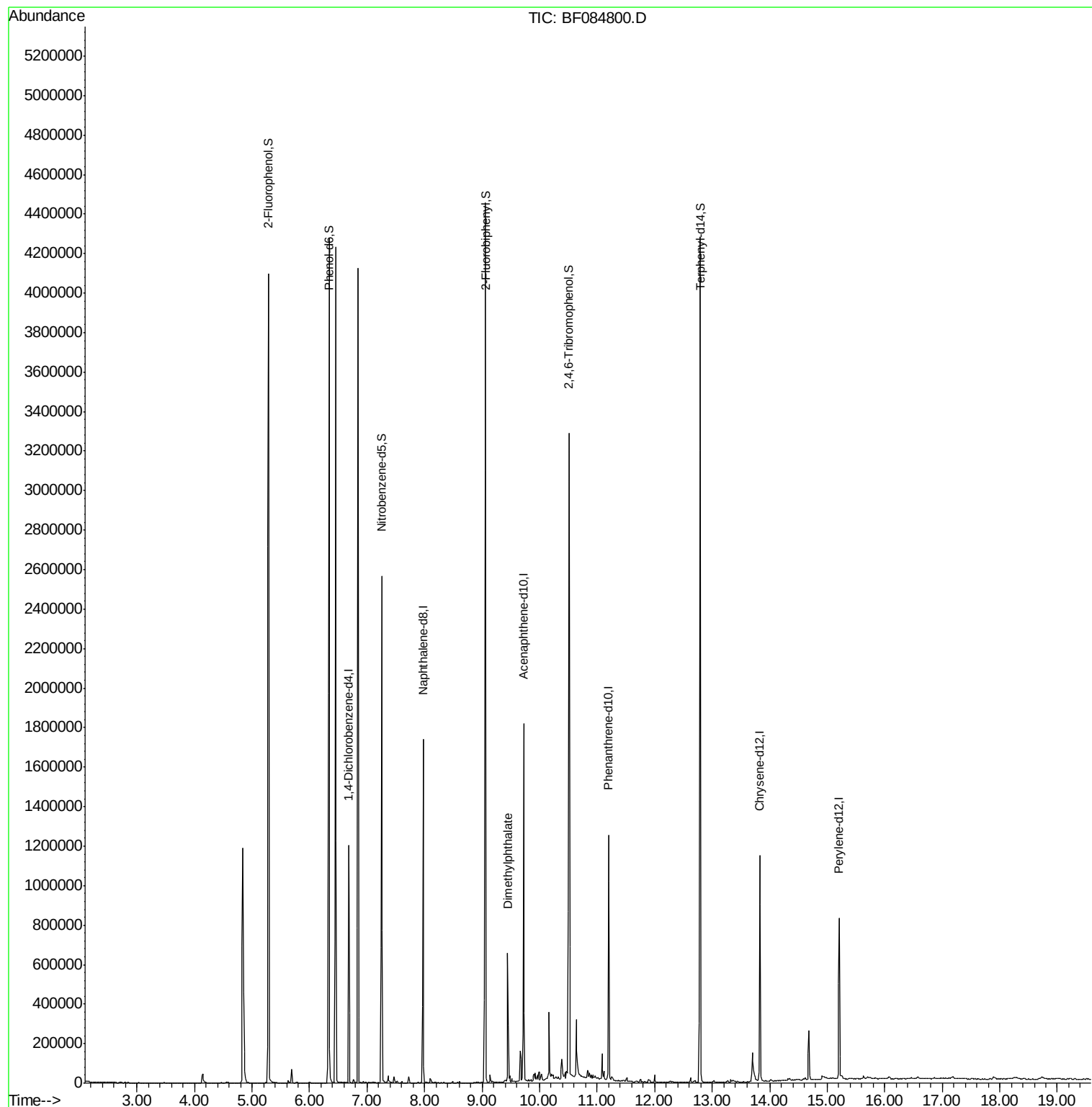
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	176141	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	758572	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	344721	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	625212	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	550167	20.00	ng	-0.01
86) Perylene-d12	15.21	264	384171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1392201	123.11	ng	0.01
7) Phenol-d6	6.34	99	1522088	108.57	ng	0.00
23) Nitrobenzene-d5	7.25	82	934153	69.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	400338	111.34	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1874274	95.53	ng	0.00
78) Terphenyl-d14	12.80	244	1803326	74.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	286540	10.91	ng	# 90

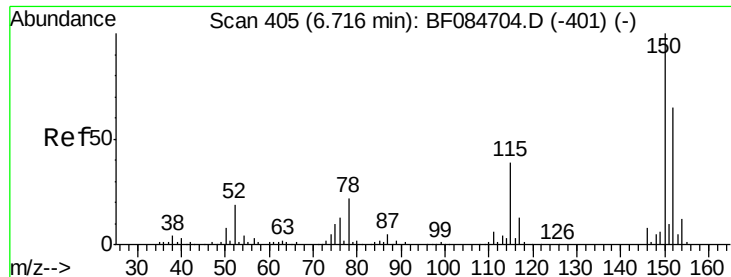
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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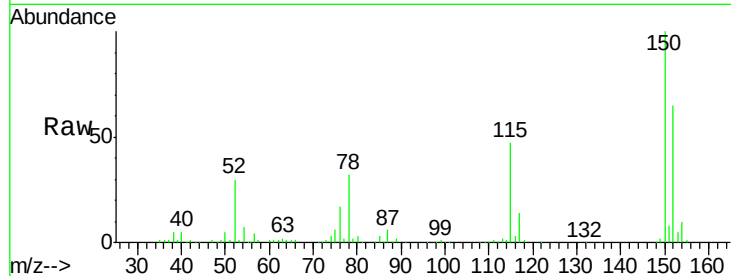


#1

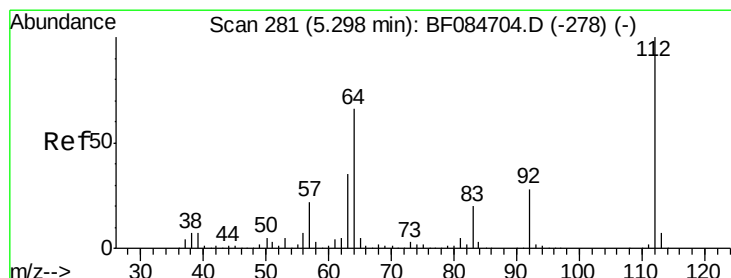
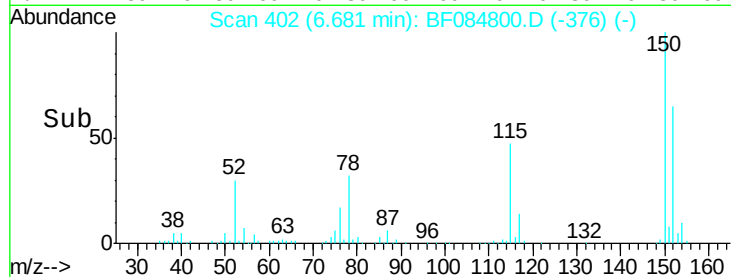
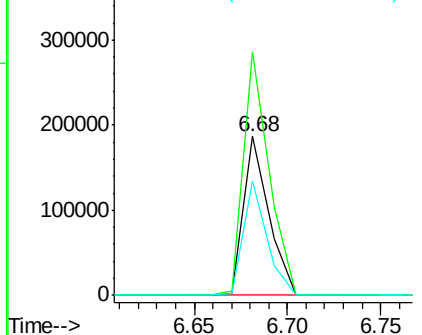
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Tot Ion:152 Resp: 176141
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.4
115 72.1 51.4 77.2



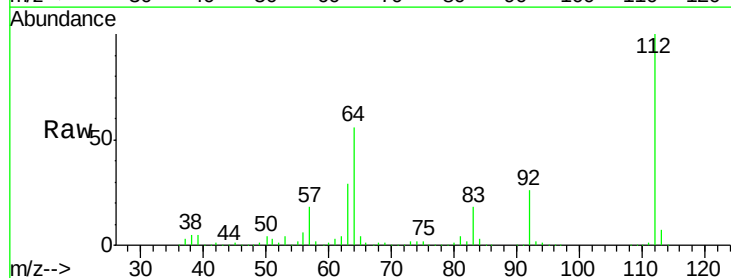
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



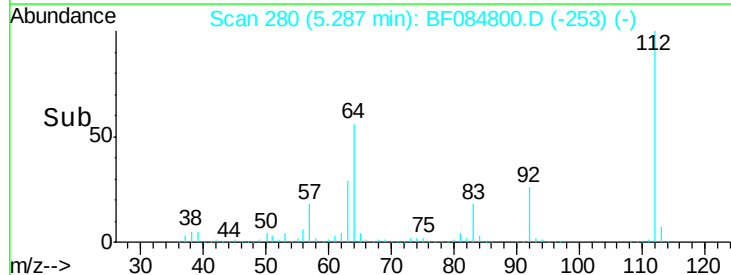
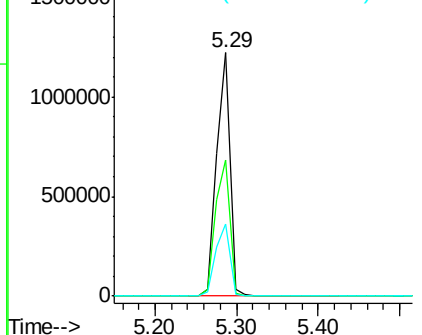
#5

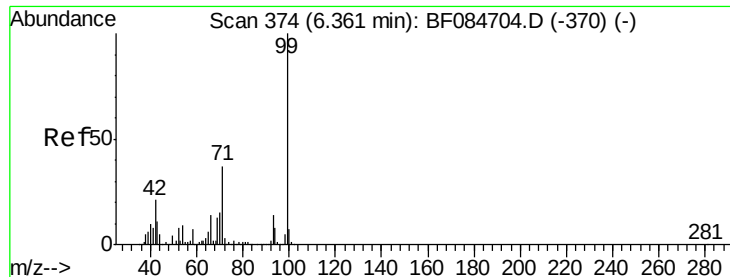
2-Fluorophenol
Concen: 123.11 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Tgt Ion:112 Resp: 1392201
Ion Ratio Lower Upper
112 100
64 55.8 36.6 55.0#
63 29.4 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: 108.57 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

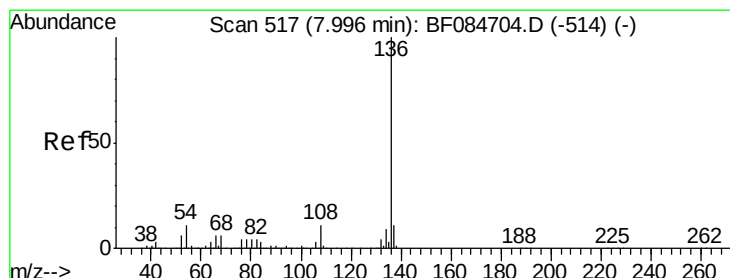
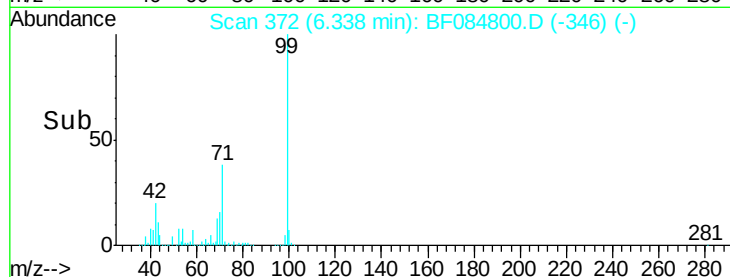
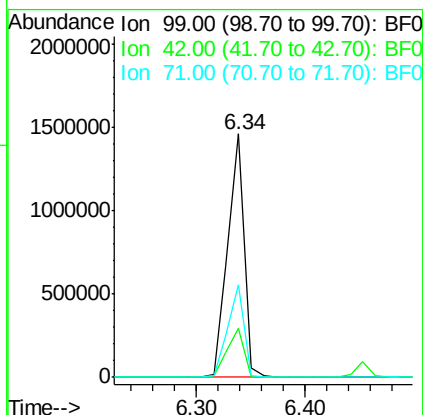
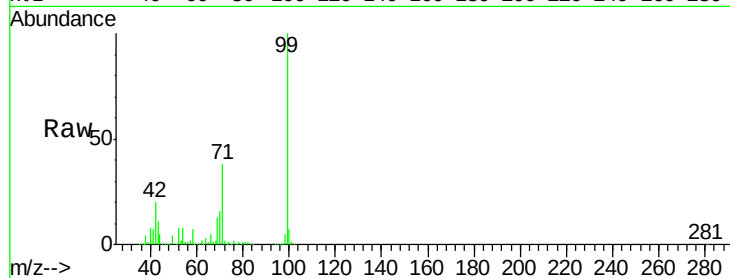
BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

Tot Ion: 99 Resp: 1522088

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	38.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

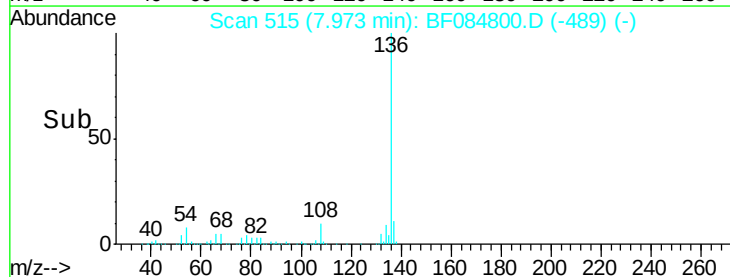
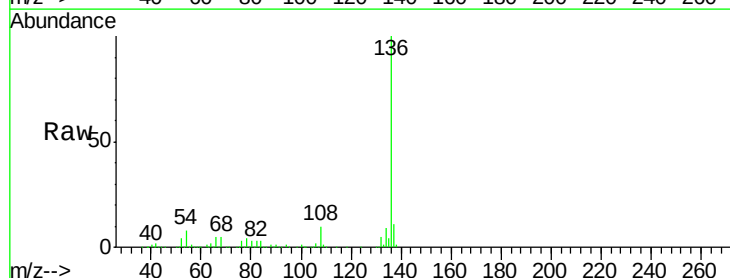
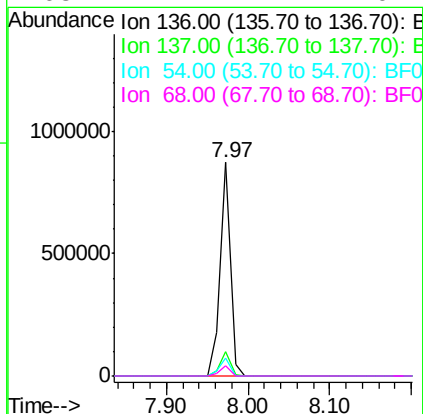
Delta R.T. -0.00 min

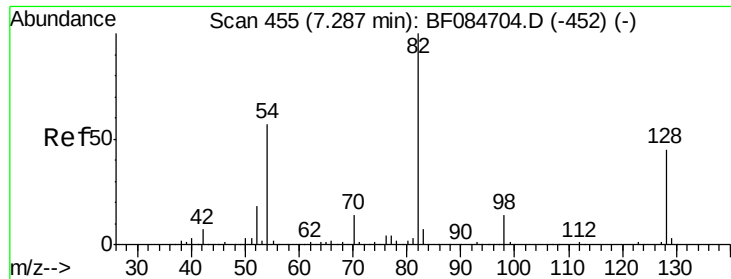
Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Tgt Ion: 136 Resp: 758572

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.3	5.8	8.8
68	4.7	4.2	6.2

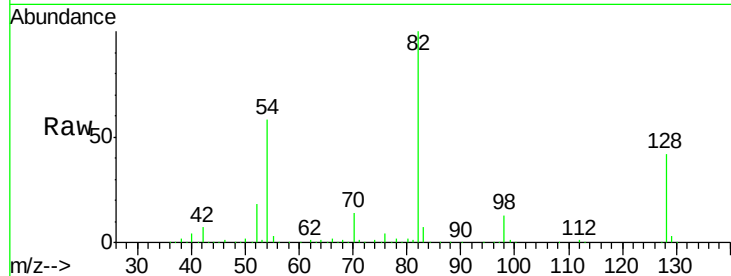




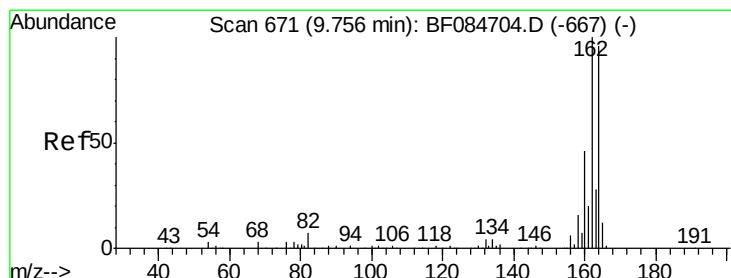
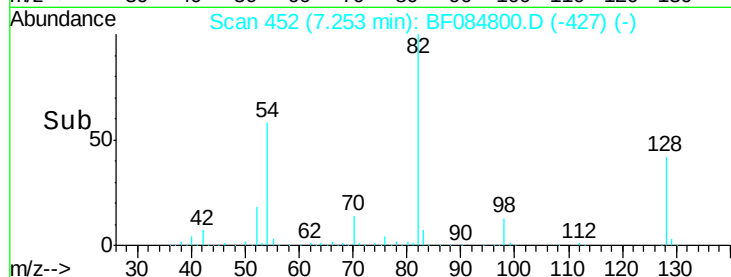
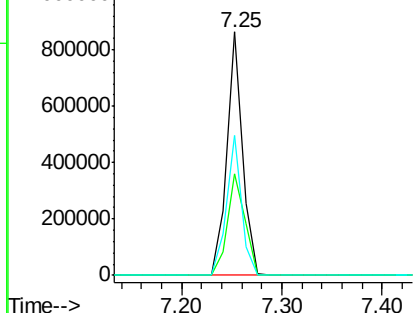
#23
Nitrobenzene-d5
Concen: 69.37 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Tot Ion	82	Resp	934153
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.6	51.8
54	57.6	38.4	57.6

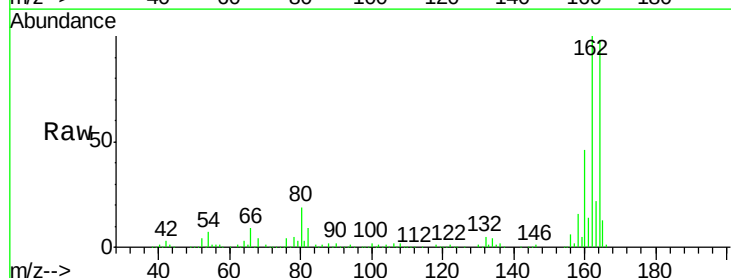


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

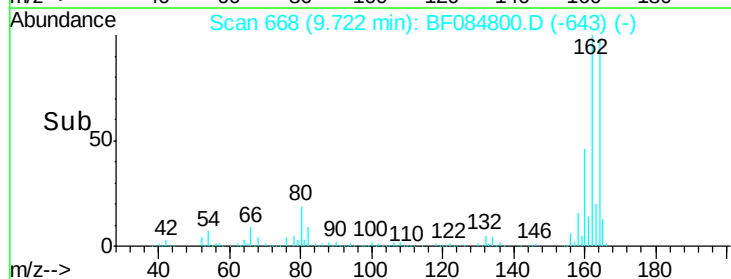
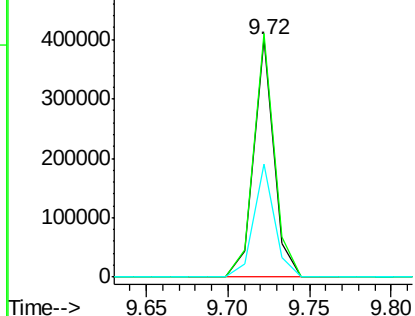


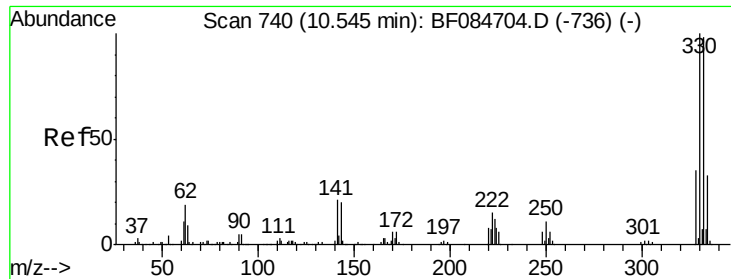
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Tgt Ion	164	Resp	344721
Ion Ratio	Lower	Upper	
164	100		
162	102.3	85.1	127.7
160	47.4	37.5	56.3



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

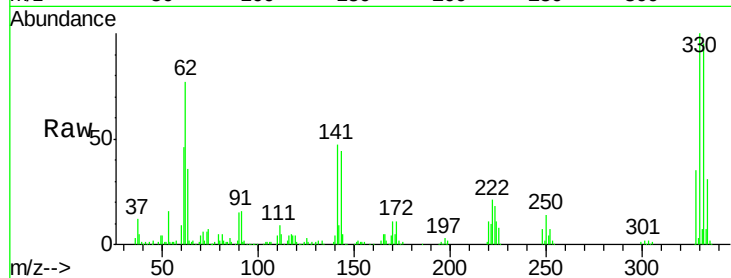




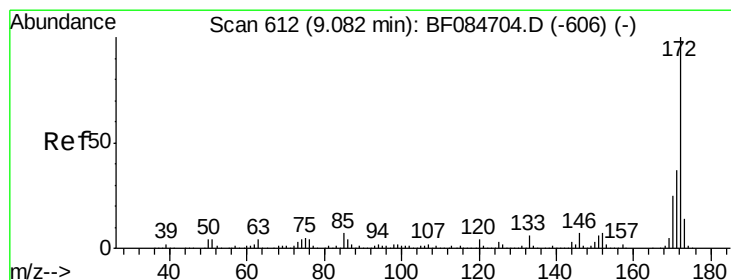
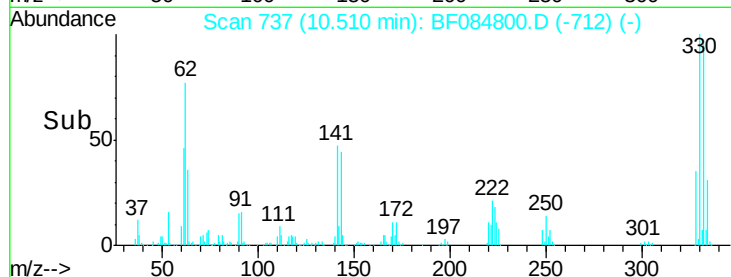
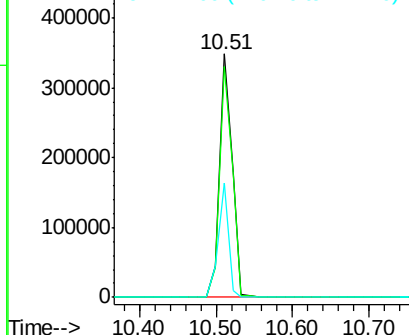
#41
 2,4,6-Tribromophenol
 Concen: 111.34 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)

Tot Ion:330 Resp: 400338
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.8 27.8 41.6

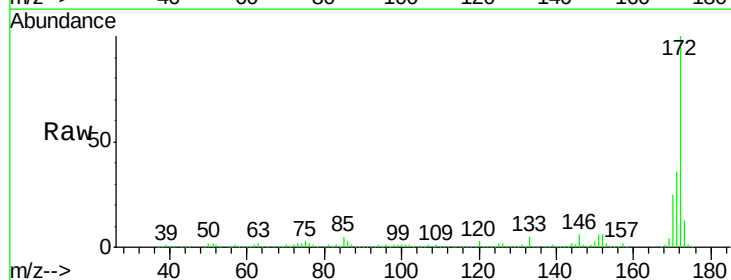


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

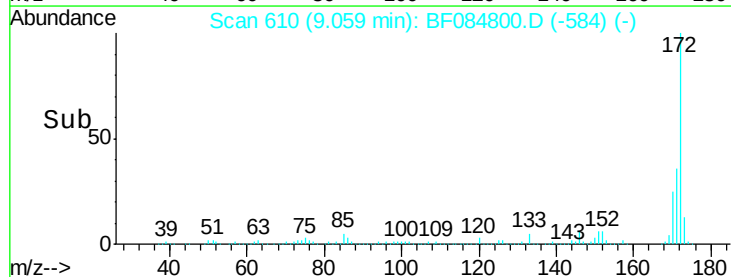
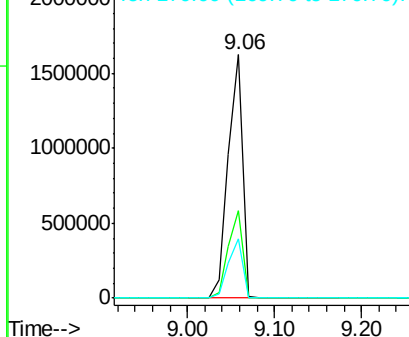


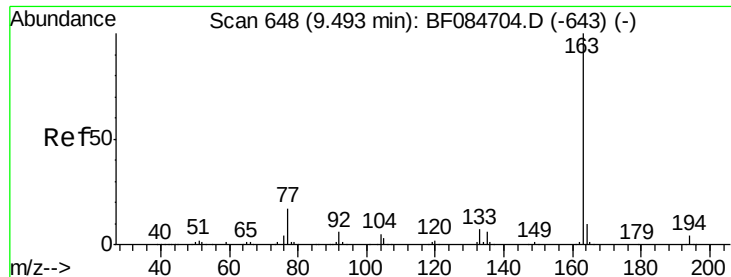
#44
 2-Fluorobiphenyl
 Concen: 95.53 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

Tgt Ion:172 Resp: 1874274
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

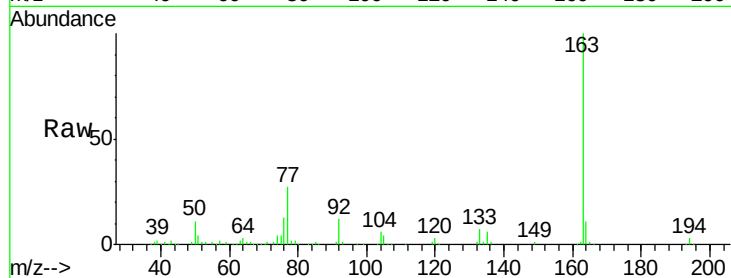




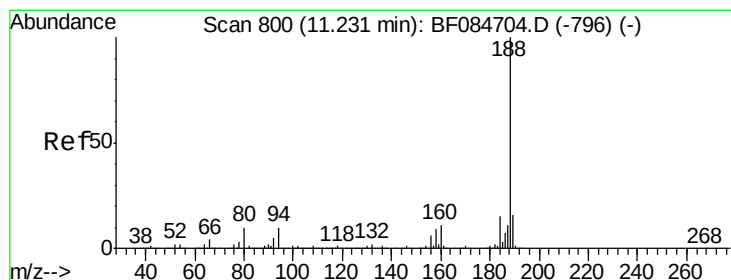
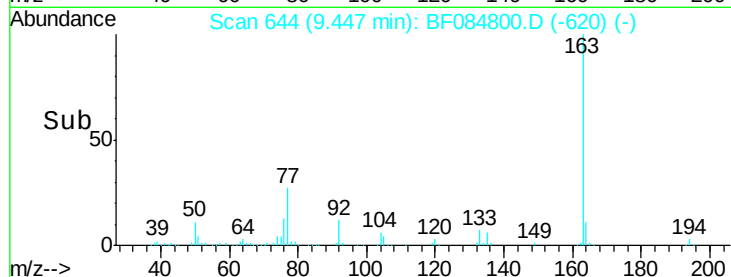
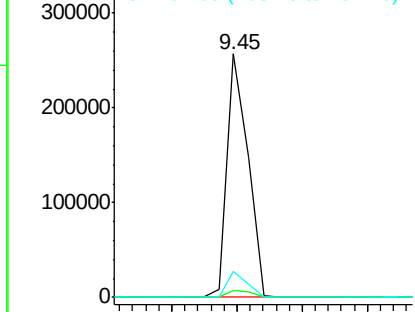
#49
Dimethylphthalate
Concen: 10.91 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Tot Ion:163 Resp: 286540
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.5 8.0 12.0

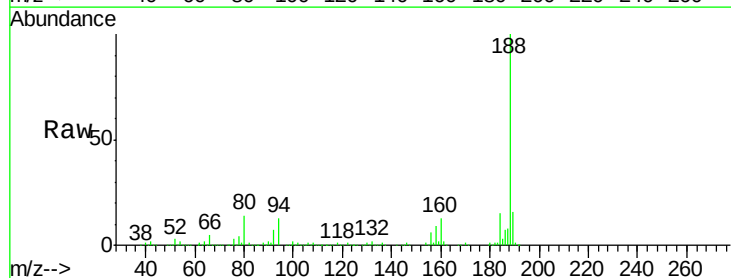


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

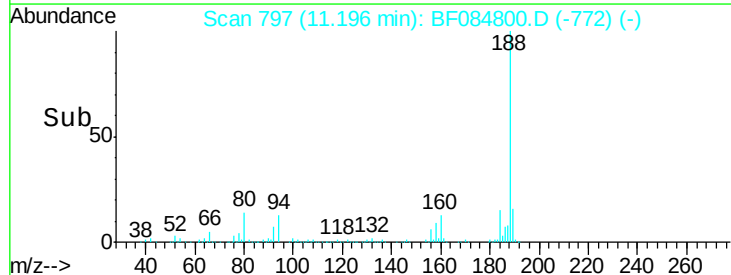
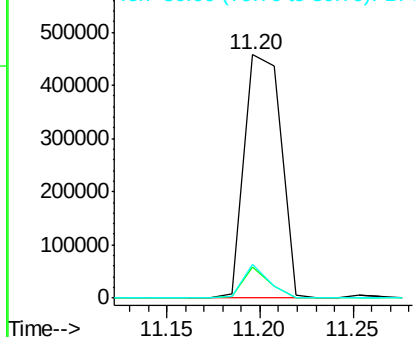


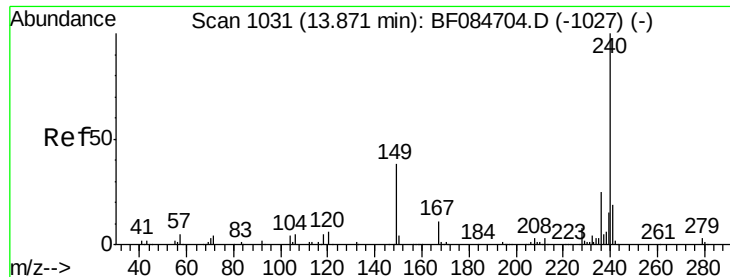
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Tgt Ion:188 Resp: 625212
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.4
80 13.7 9.6 14.4



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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

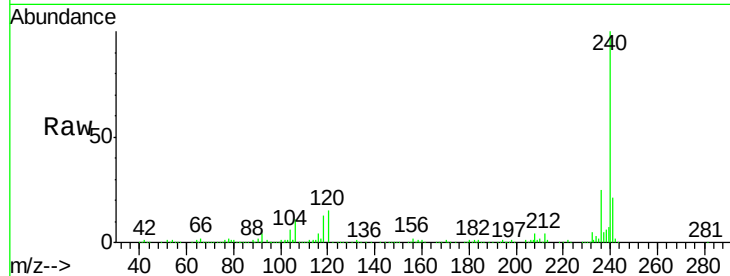
Tot Ion:240 Resp: 550167

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

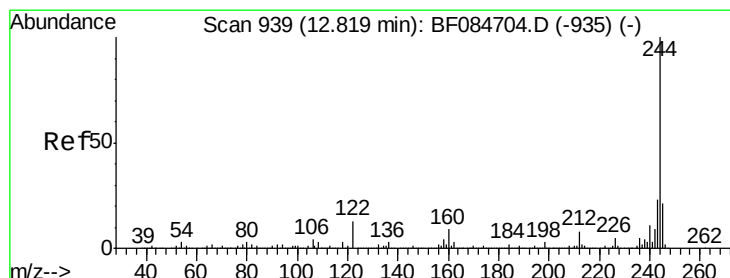
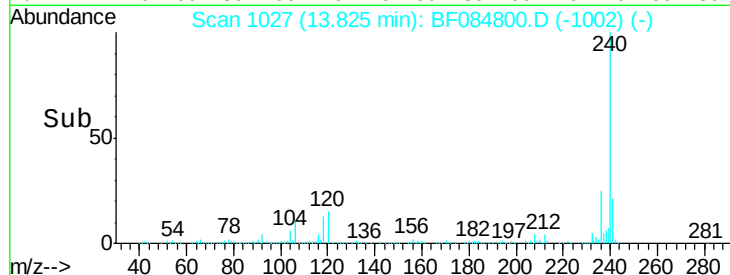
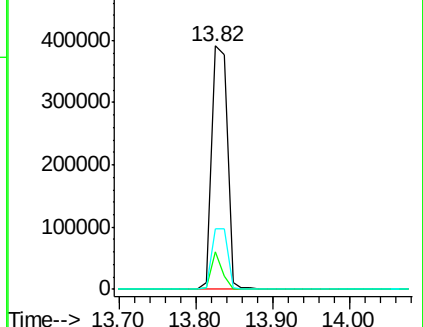
236 25.0 20.6 31.0



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: 74.28 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

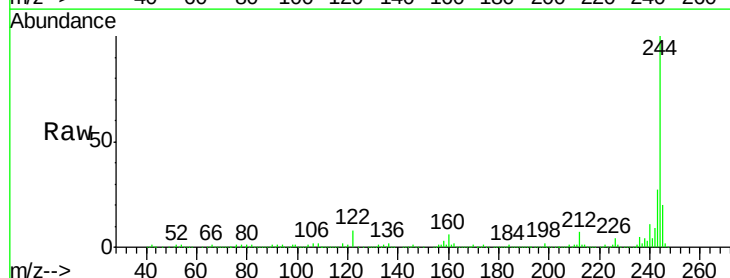
Tgt Ion:244 Resp: 1803326

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

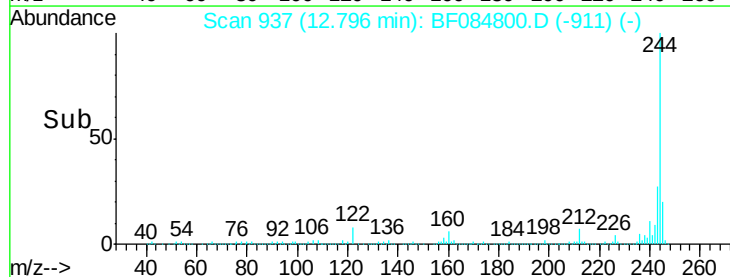
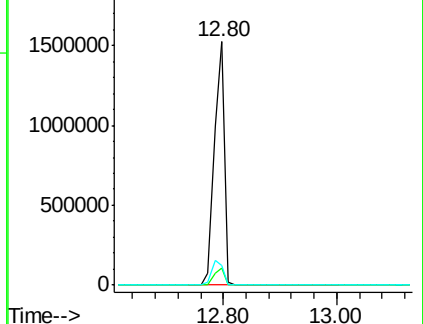
122 7.9 7.4 11.0

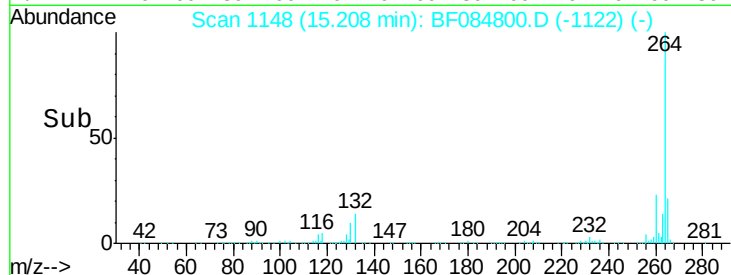
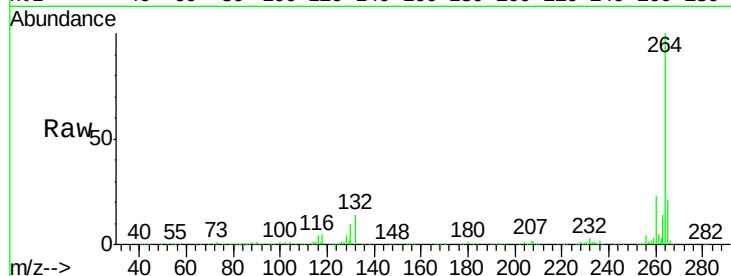
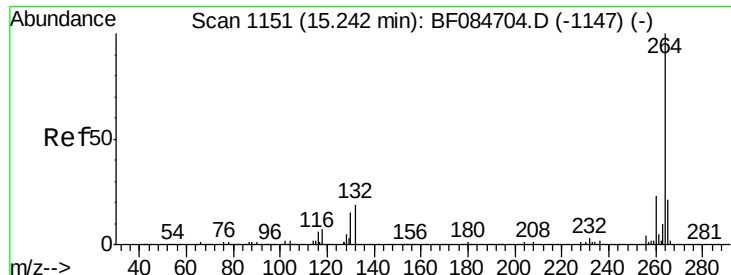


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.8	26.6

