

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084751.D
 Acq On : 2 Feb 2016 17:44
 Operator : SJ/IZ
 Sample : PB88120BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BL

Quant Time: Feb 03 02:30:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	169485	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	714313	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	337129	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	664002	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	656307	20.00	ng	-0.02
86) Perylene-d12	15.23	264	494583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1080320	99.28	ng	-0.01
7) Phenol-d6	6.35	99	1507611	111.76	ng	-0.02
23) Nitrobenzene-d5	7.26	82	856417	67.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	373597	106.24	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1678457	83.25	ng	-0.02
78) Terphenyl-d14	12.81	244	1767047	61.01	ng	-0.02

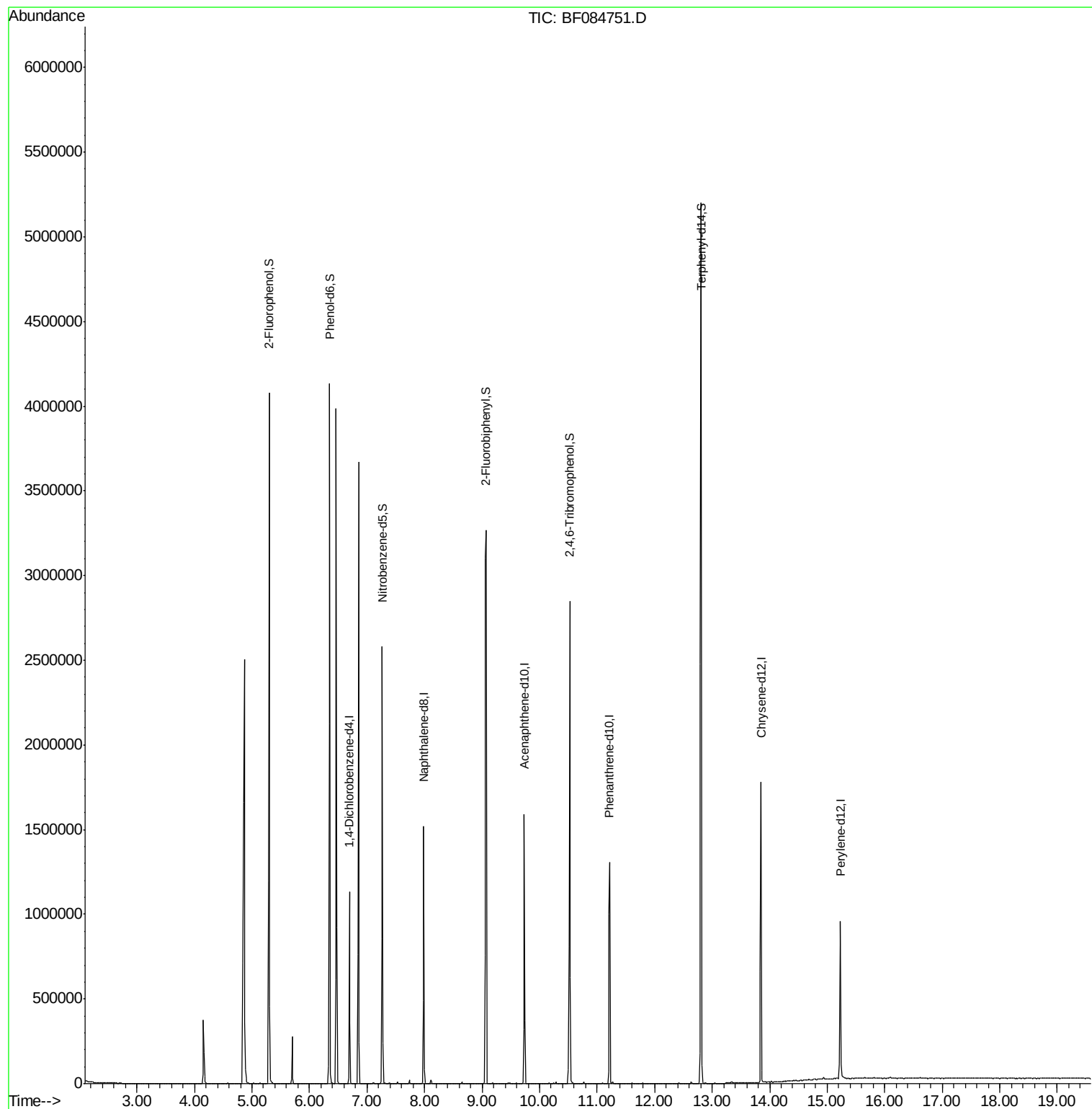
Target Compounds Qvalue

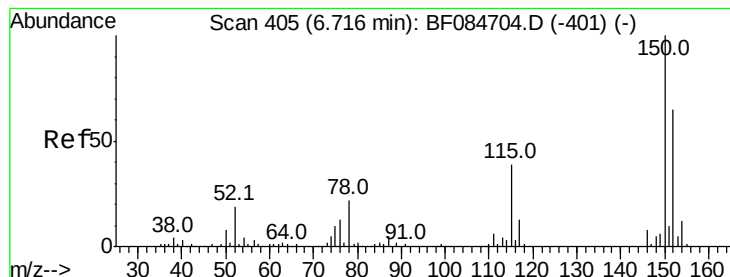
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

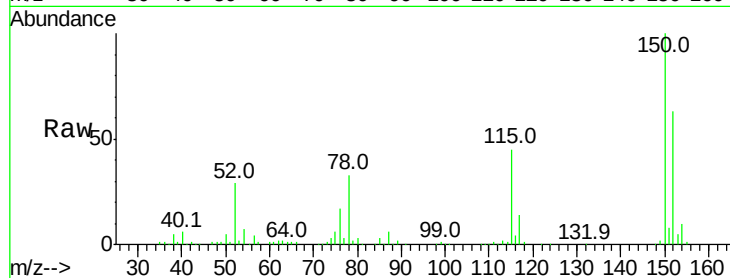
Tot Ion:152 Resp: 169485

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

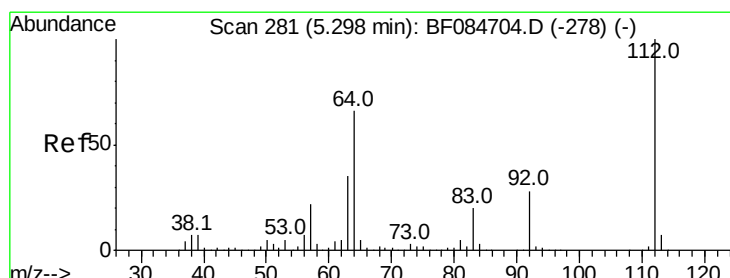
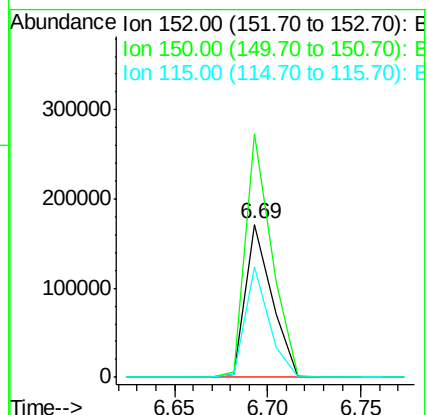
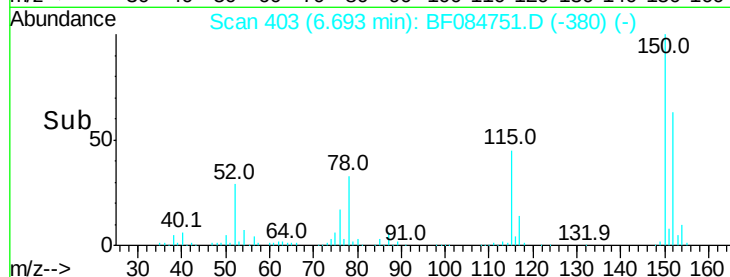
115 72.0 51.4 77.2



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: 99.28 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

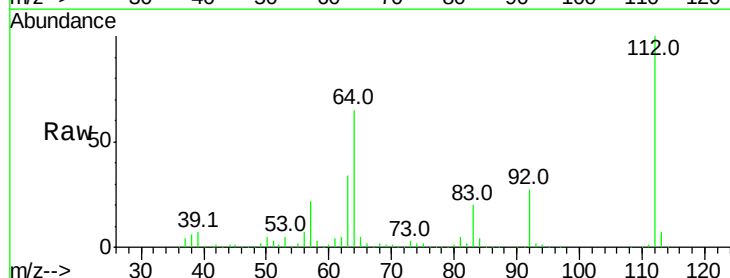
Tgt Ion:112 Resp: 1080320

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

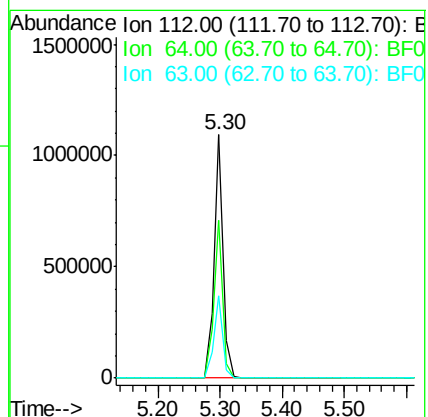
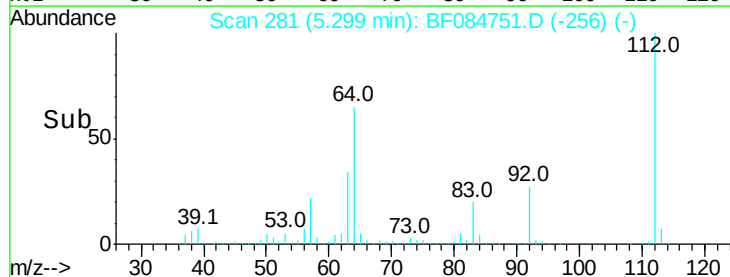
63 34.0 19.4 29.0#

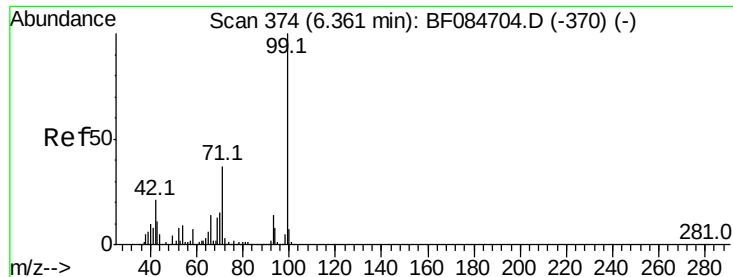


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.76 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

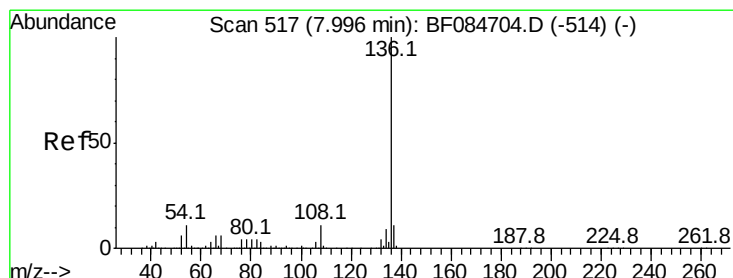
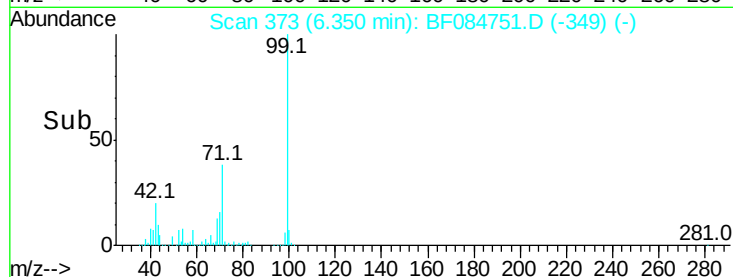
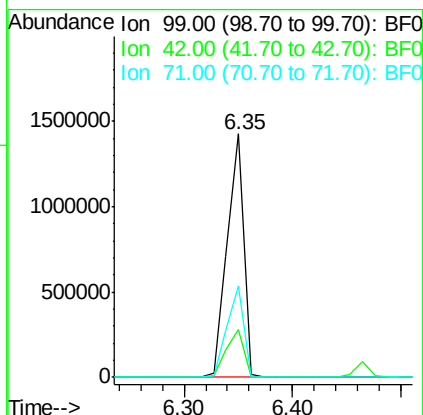
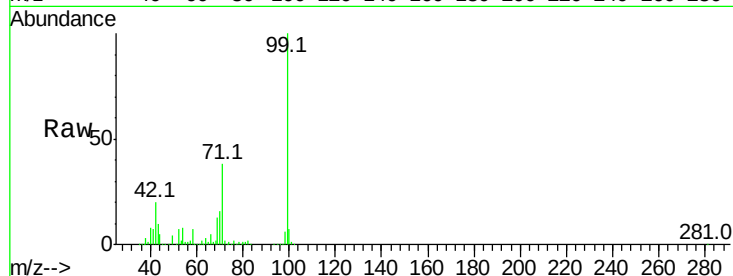
BNA_F

ClientSampleId :

PB88120BL

Tot Ion: 99 Resp: 1507611

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	37.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

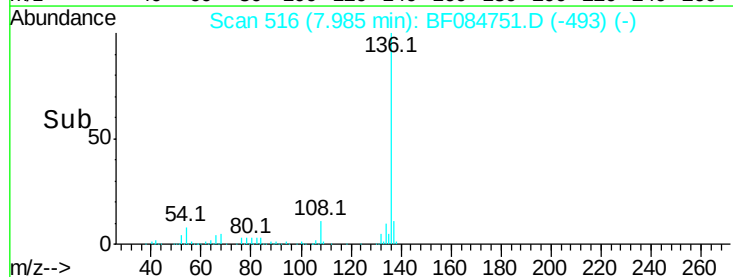
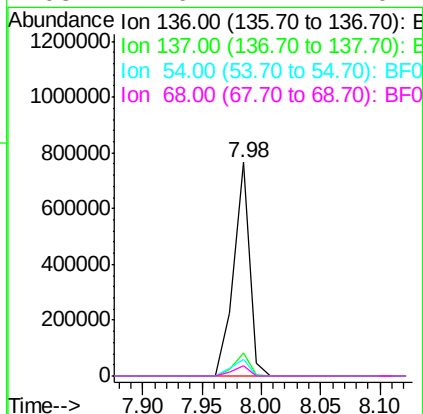
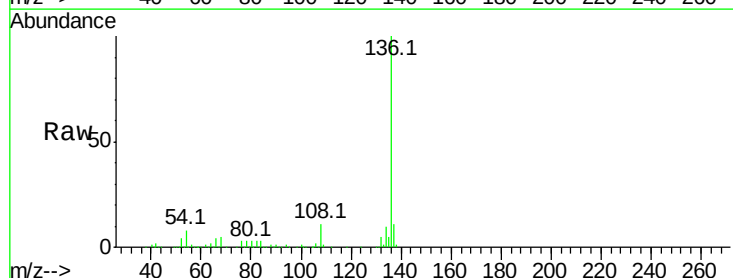
Delta R.T. -0.03 min

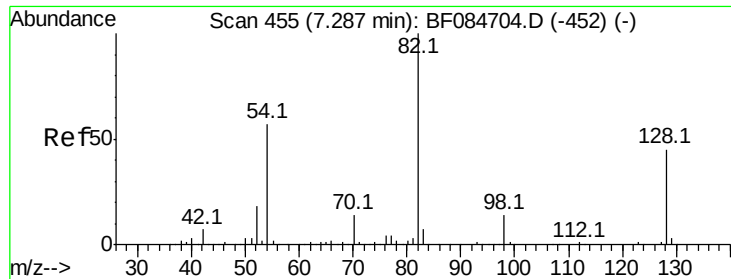
Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Tgt Ion: 136 Resp: 714313

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	5.8	8.8
68	4.6	4.2	6.2

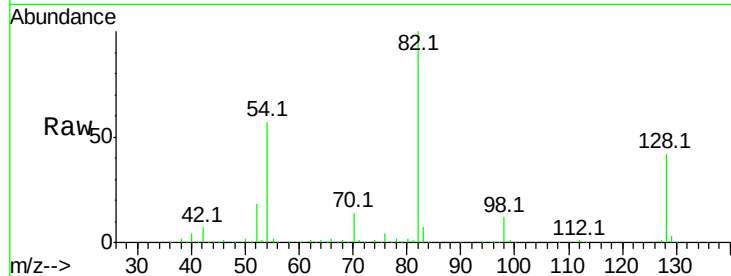




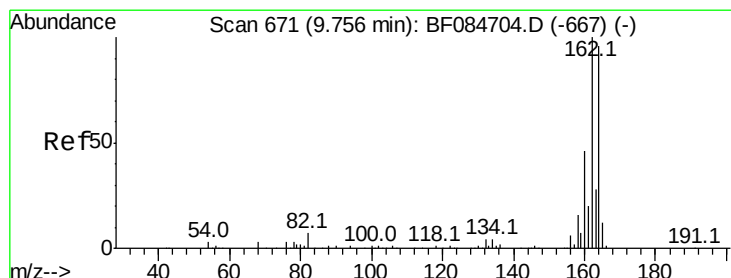
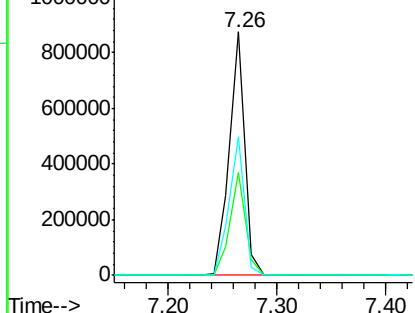
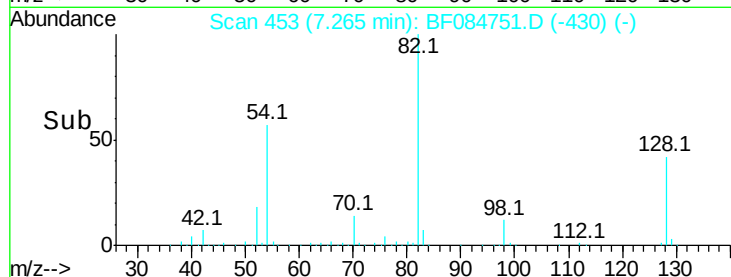
#23
 Nitrobenzene-d5
 Concen: 67.54 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampleID :
 PB88120BL

Tot Ion	82	Resp	856417
Ion Ratio	100	Lower	Upper
128	42.1	34.6	51.8
54	56.9	38.4	57.6

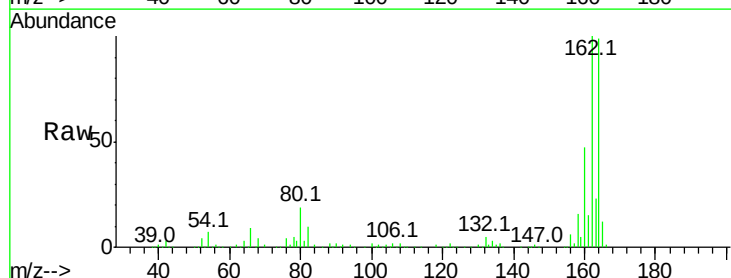


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

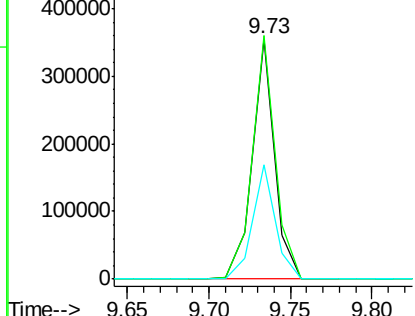
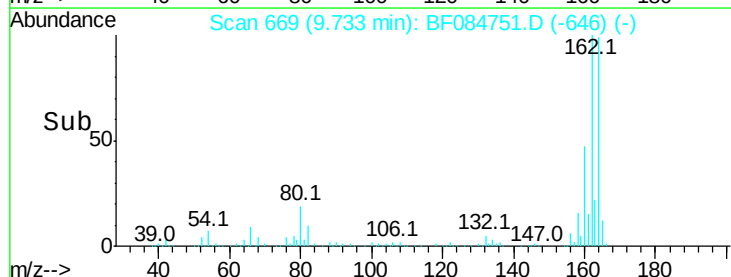


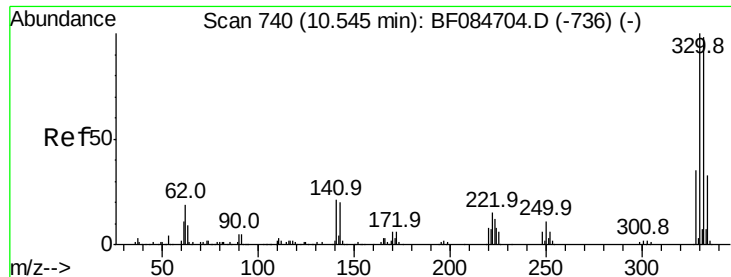
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Tgt Ion	164	Resp	337129
Ion Ratio	100	Lower	Upper
162	101.5	85.1	127.7
160	47.9	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

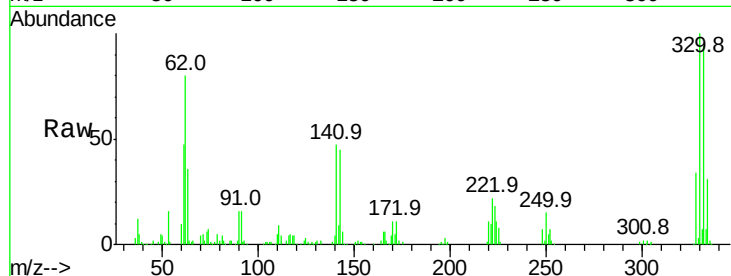




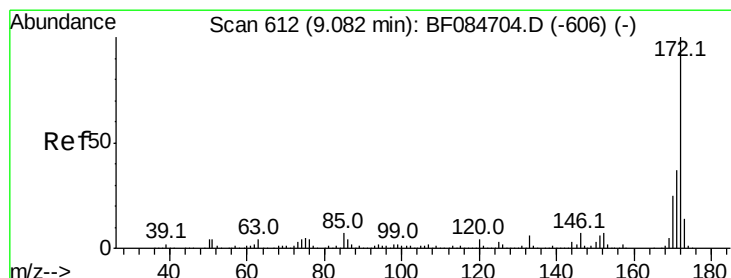
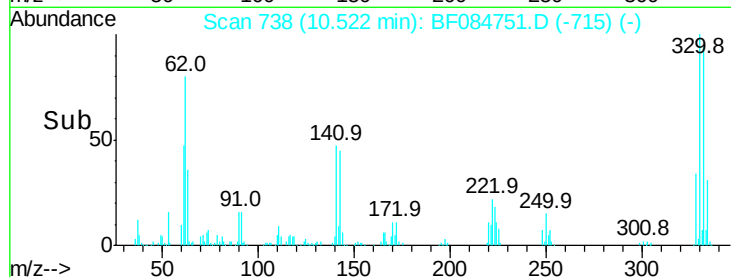
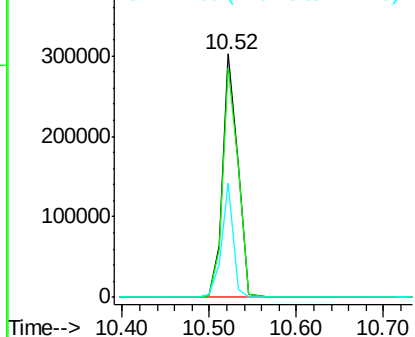
#41
 2,4,6-Tribromophenol
 Concen: 106.24 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	36.4	27.8	41.6

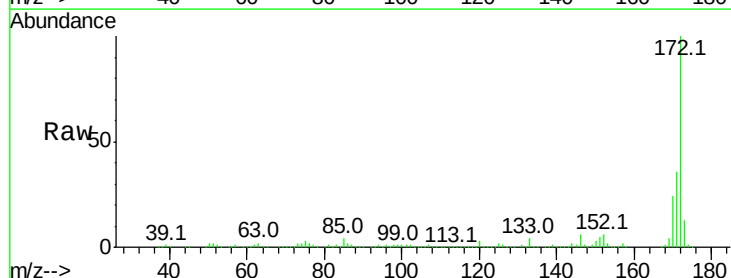


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

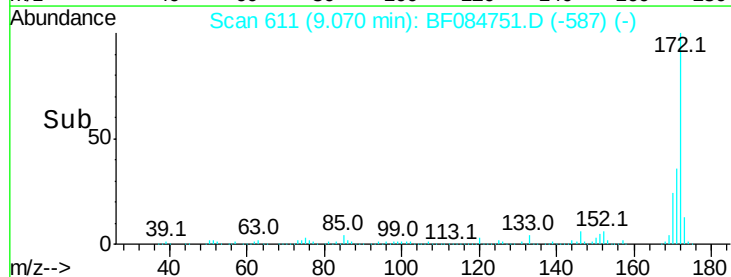
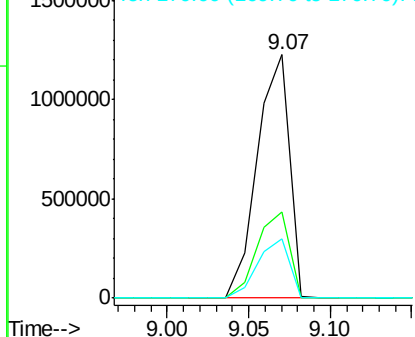


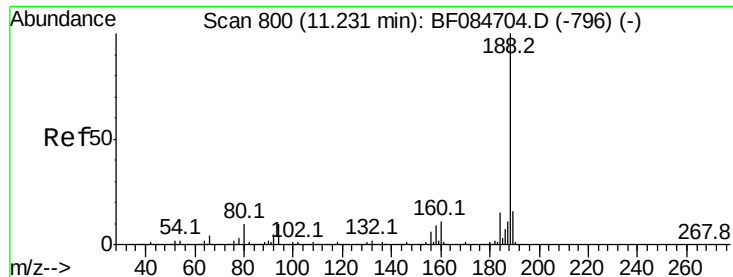
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.1	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

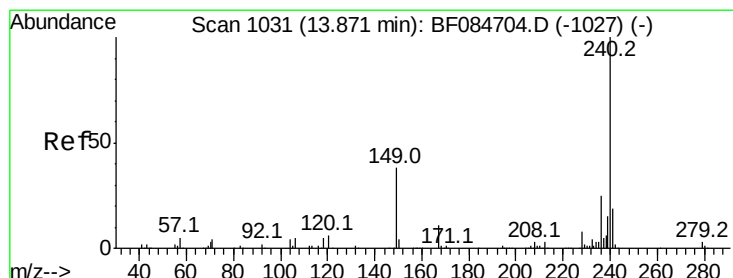
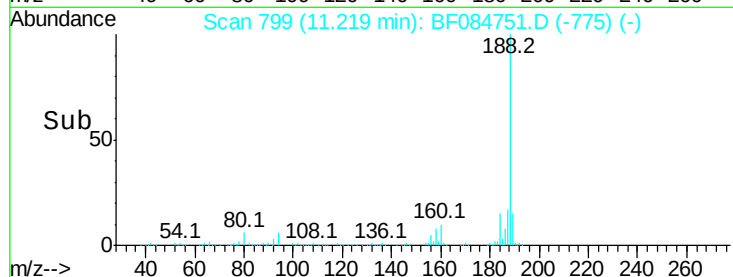
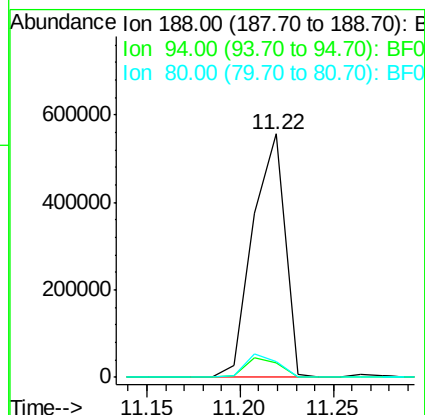
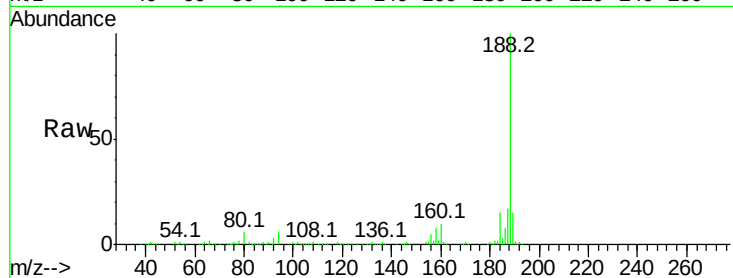




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084751.D
Acq: 2 Feb 2016 17:44

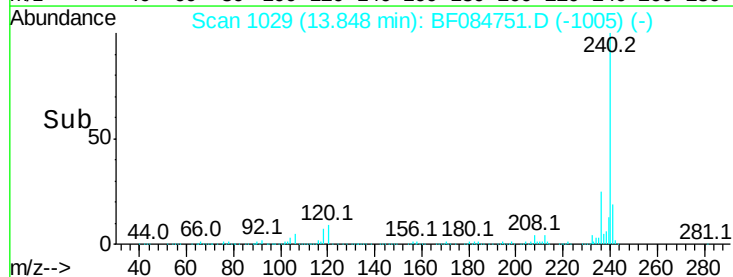
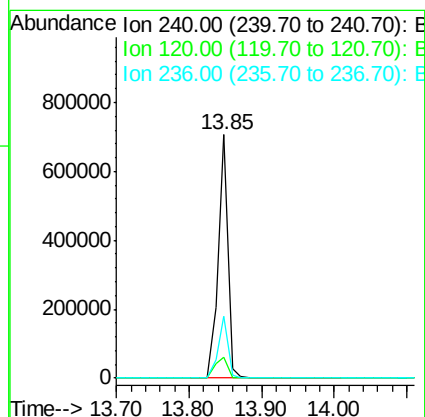
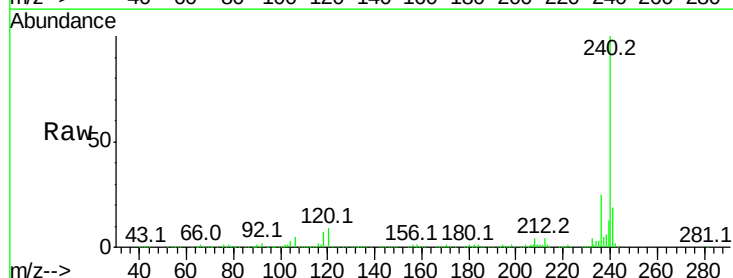
Instrument :
BNA_F
ClientSampleId :
PB88120BL

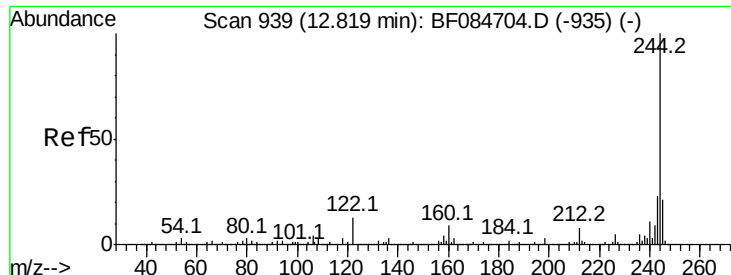
Tot Ion:188 Resp: 664002
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF084751.D
Acq: 2 Feb 2016 17:44

Tgt Ion:240 Resp: 656307
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 61.01 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

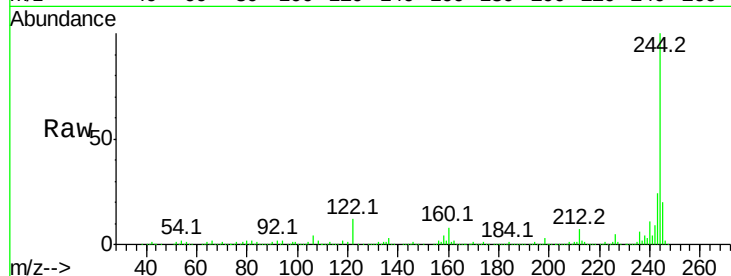
Tot Ion:244 Resp: 1767047

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

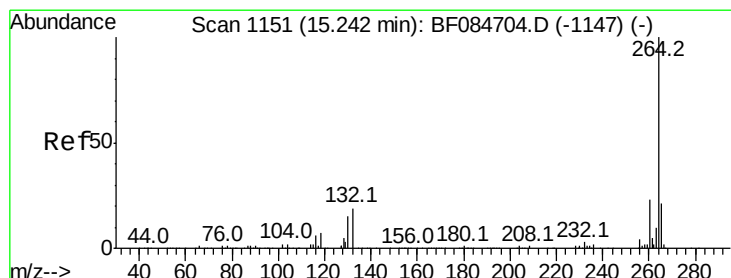
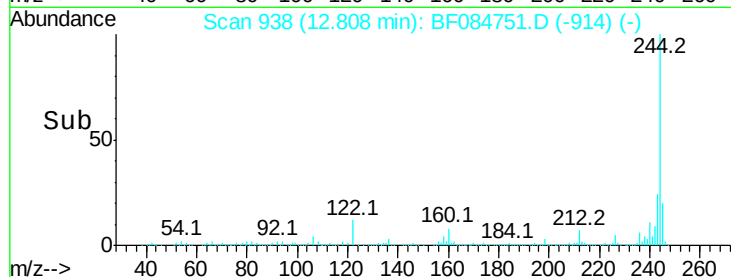
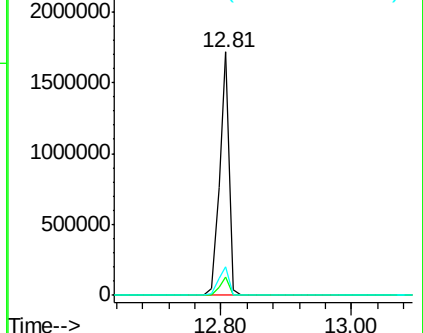
122 11.5 7.4 11.0#



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: 15.23 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

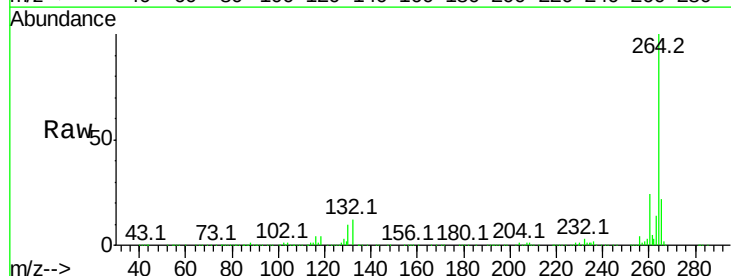
Tgt Ion:264 Resp: 494583

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 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

