

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084604.D
 Acq On : 25 Jan 2016 13:51
 Operator : SJ/IZ
 Sample : PB87944BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BL

Quant Time: Jan 25 16:36:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	243874	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	979219	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	488199	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	998407	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	920967	20.00	ng	-0.01
86) Perylene-d12	15.28	264	826375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1395026	92.52	ng	0.01
7) Phenol-d6	6.38	99	1634312	86.31	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1150829	65.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	621026	126.00	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2171069	77.69	ng	0.00
78) Terphenyl-d14	12.84	244	2422335	58.71	ng	-0.01

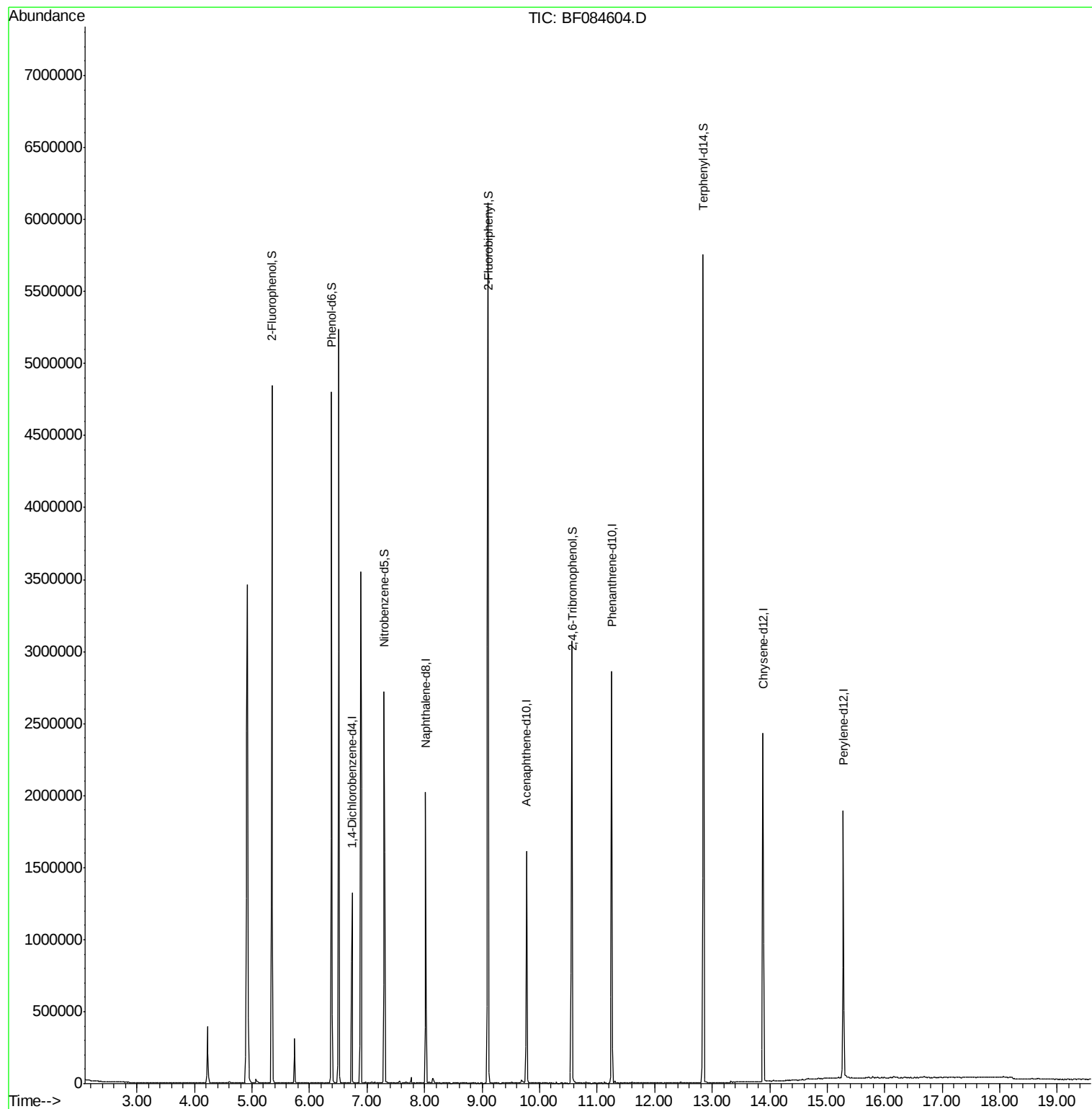
Target Compounds Qvalue

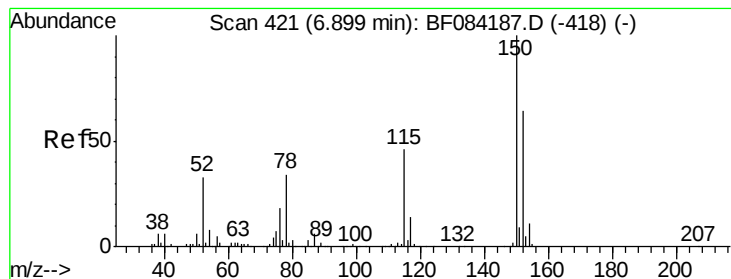
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084604.D

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Instrument :

BNA_F

ClientSampleId :

PB87944BL

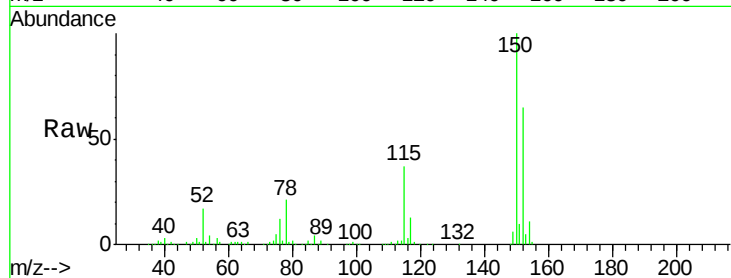
Tot Ion:152 Resp: 243874

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

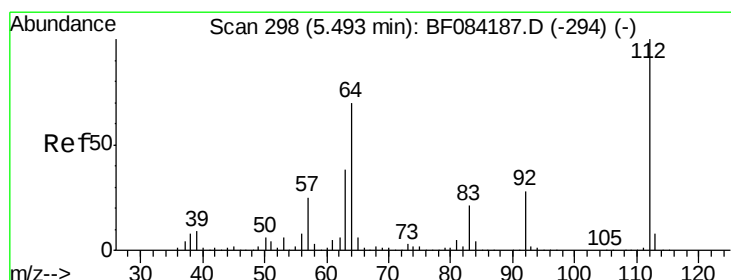
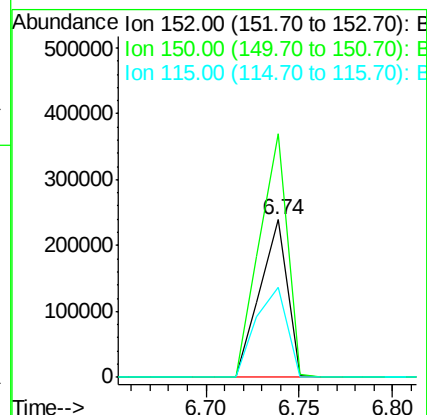
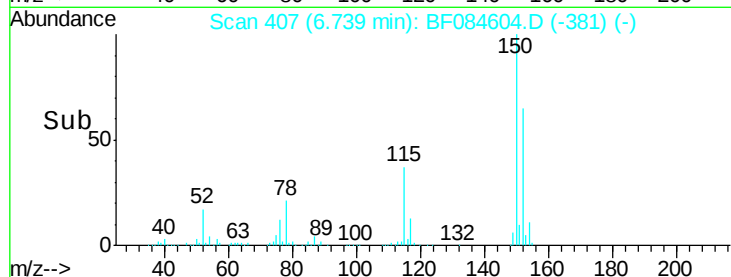
115 57.2 51.4 77.2



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: 92.52 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

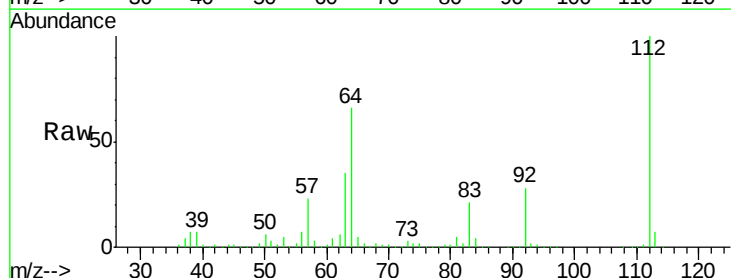
Tgt Ion:112 Resp: 1395026

Ion Ratio Lower Upper

112 100

64 66.2 36.6 55.0#

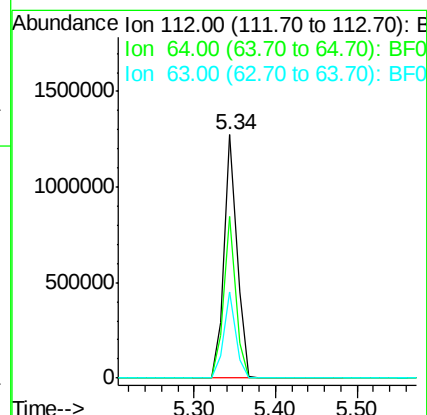
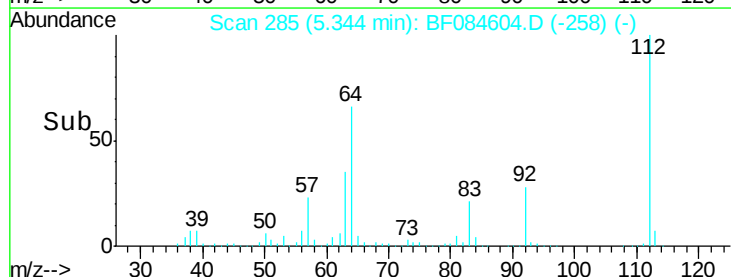
63 35.4 19.4 29.0#



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: 86.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

Instrument :

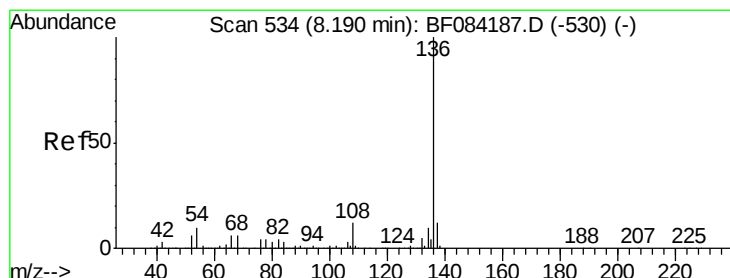
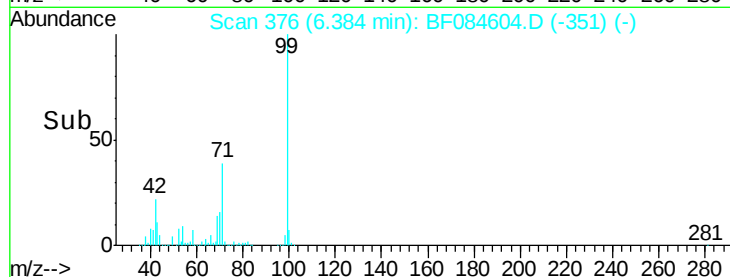
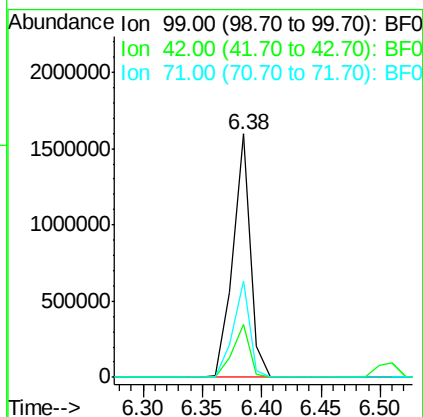
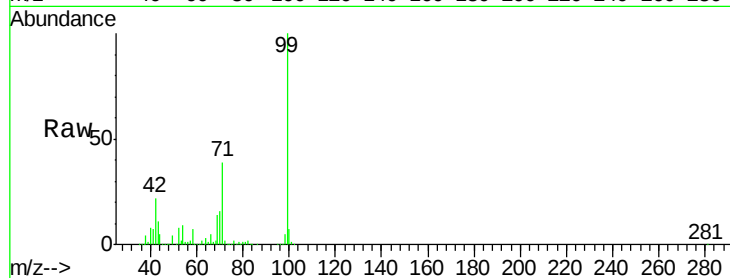
BNA_F

ClientSampleId :

PB87944BL

Tot Ion: 99 Resp: 1634312

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	39.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

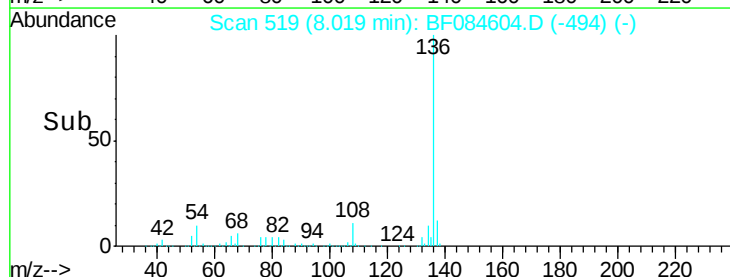
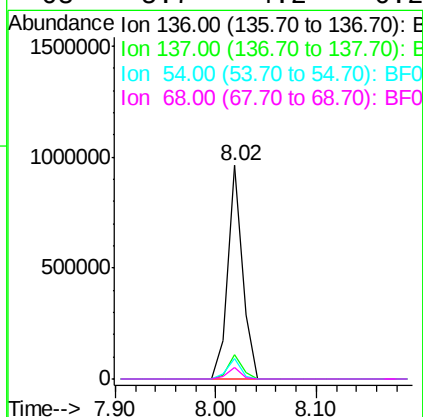
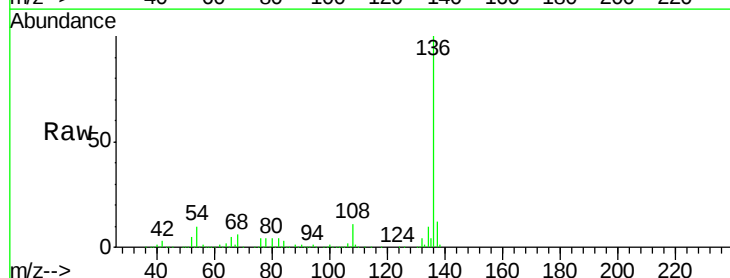
Delta R.T. -0.01 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

Tgt Ion: 136 Resp: 979219

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.8	5.8	8.8#
68	5.7	4.2	6.2

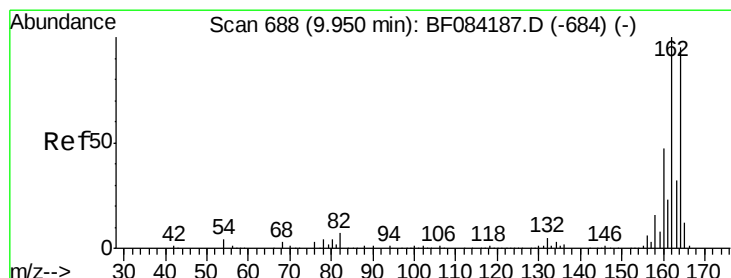
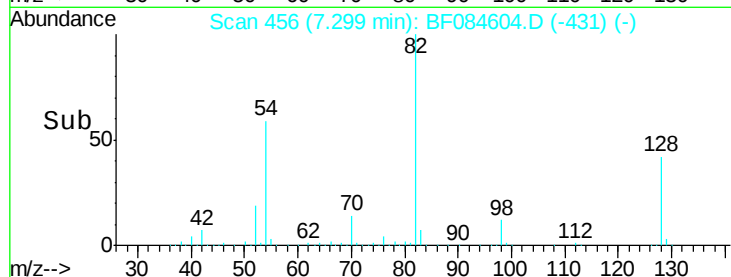
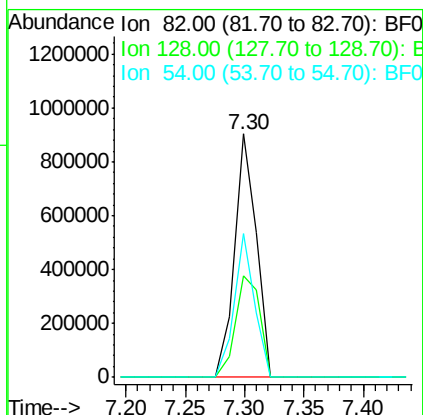
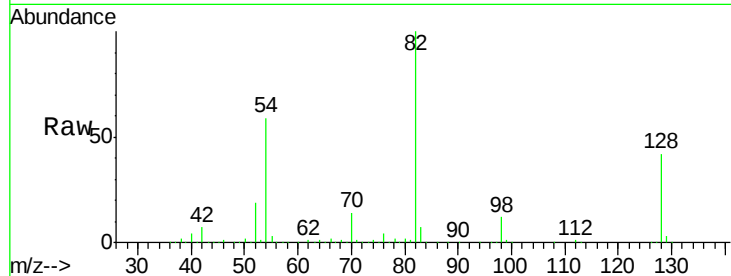




#23
 Nitrobenzene-d5
 Concen: 65.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

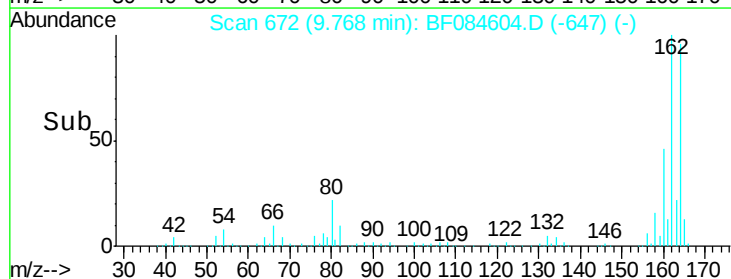
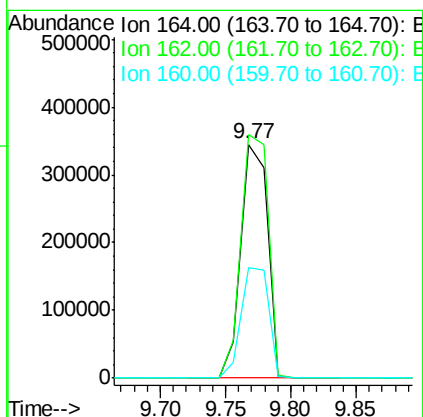
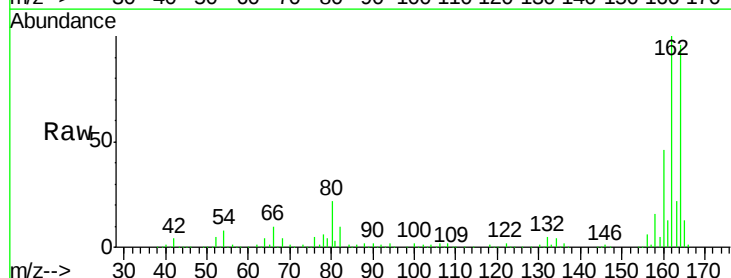
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BL

Tot Ion: 82 Resp: 1150829
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 51.8
 54 59.2 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion:164 Resp: 488199
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 47.5 37.5 56.3

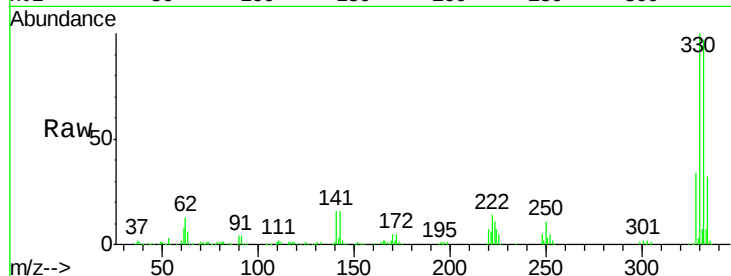




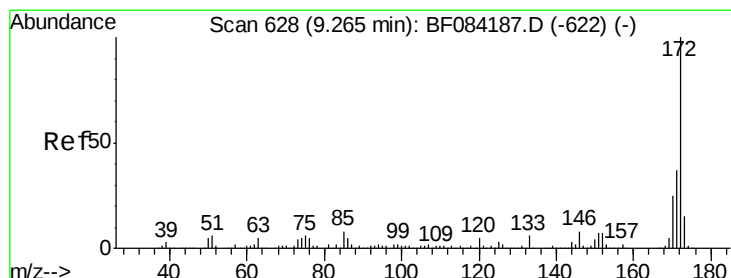
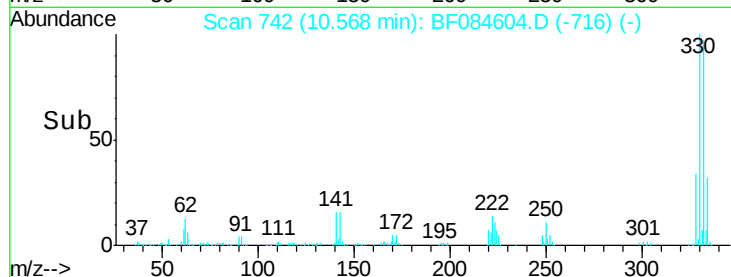
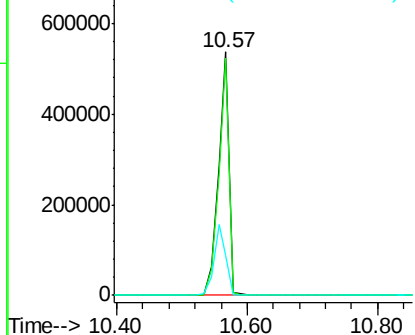
#41
 2,4,6-Tribromophenol
 Concen: 126.00 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	32.4	27.8	41.6

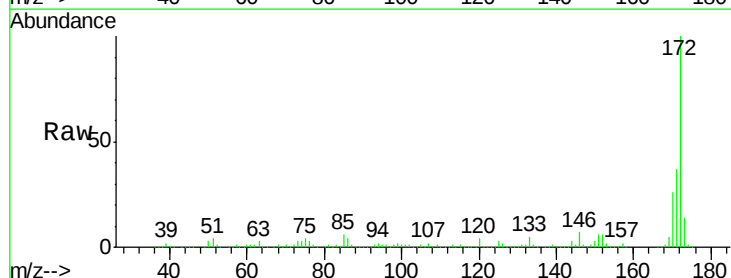


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

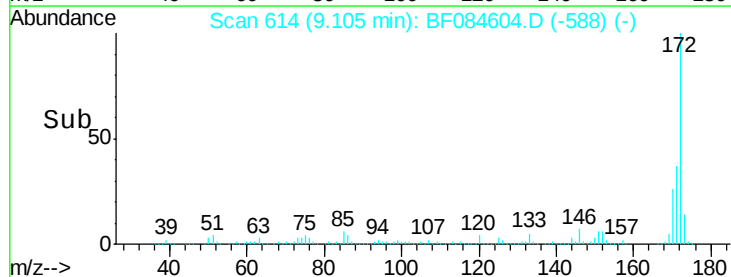
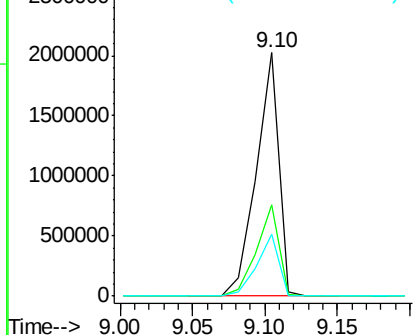


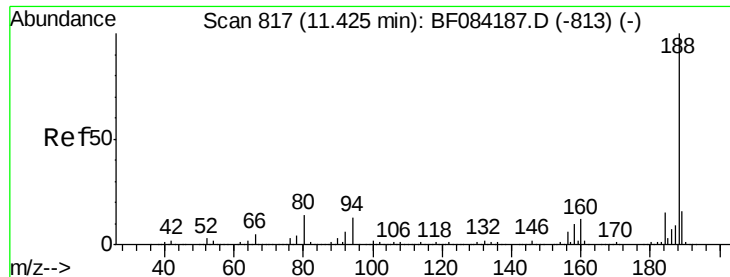
#44
 2-Fluorobiphenyl
 Concen: 77.69 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.6	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

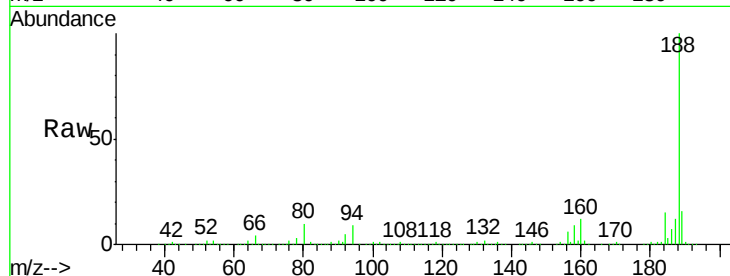




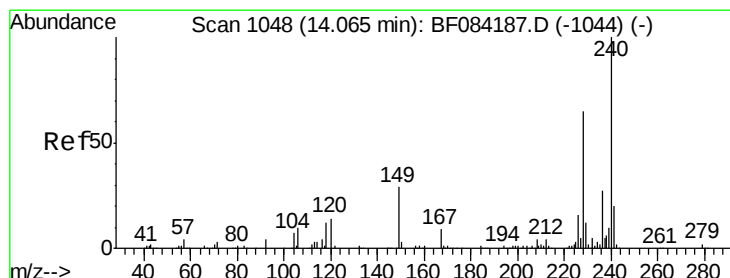
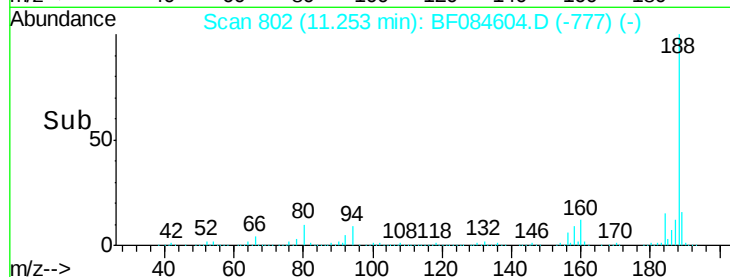
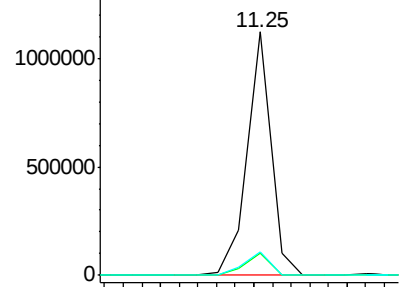
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Instrument :
BNA_F
ClientSampleId :
PB87944BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.8	9.6	14.4

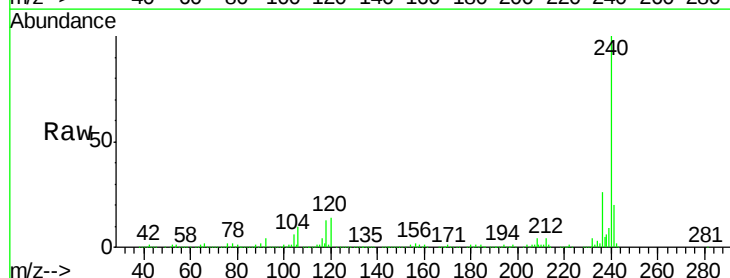


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

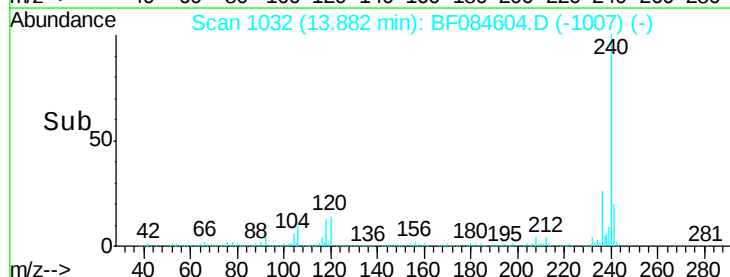
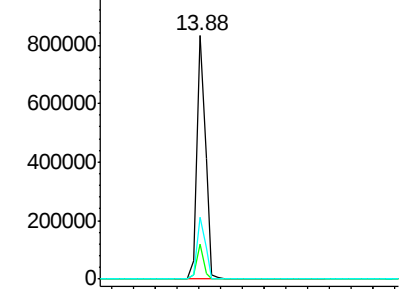


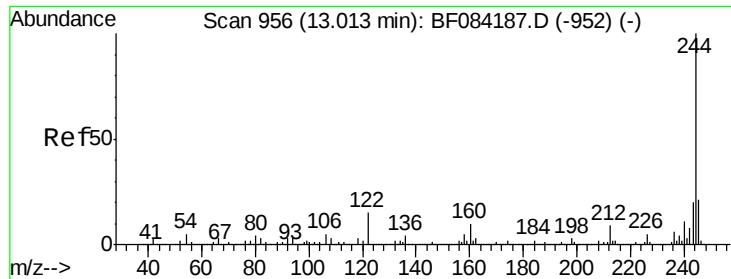
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.5	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

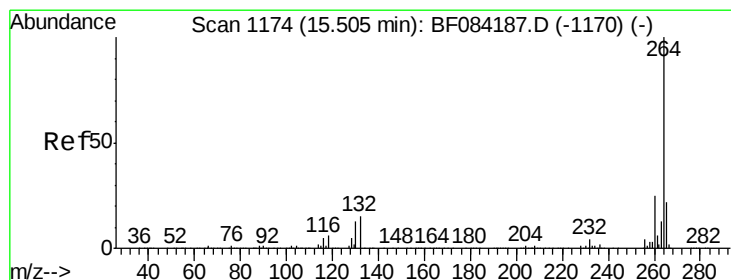
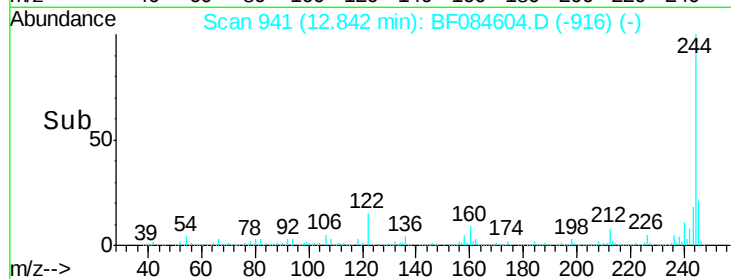
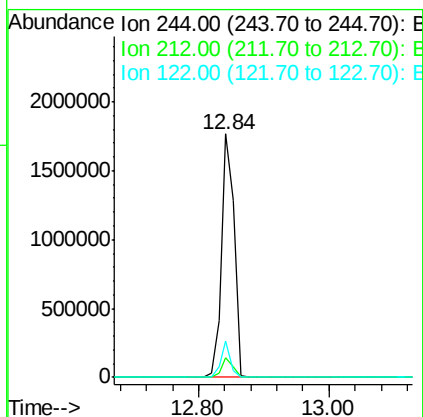
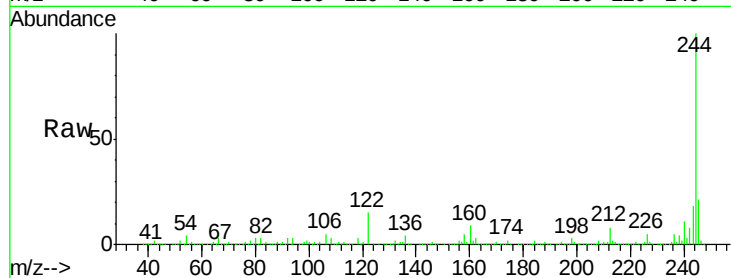




#78
 Terphenyl-d14
 Concen: 58.71 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084604.D
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Tot Ion:244 Resp: 2422335
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion:264 Resp: 826375
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.9 17.8 26.6

