

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090674.D
 Acq On : 20 Oct 2016 4:49
 Operator : UM/SJ
 Sample : PB94170BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Quant Time: Oct 20 06:48:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	227193	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	984720	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	546153	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	769906	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	491178	20.00	ng	-0.01
86) Perylene-d12	15.50	264	525443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	800606	64.60	ng	0.00
7) Phenol-d6	6.52	99	1117017	60.66	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1037408	58.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	136210	27.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1859397	56.10	ng	-0.01
78) Terphenyl-d14	13.00	244	1364116	64.66	ng	-0.01

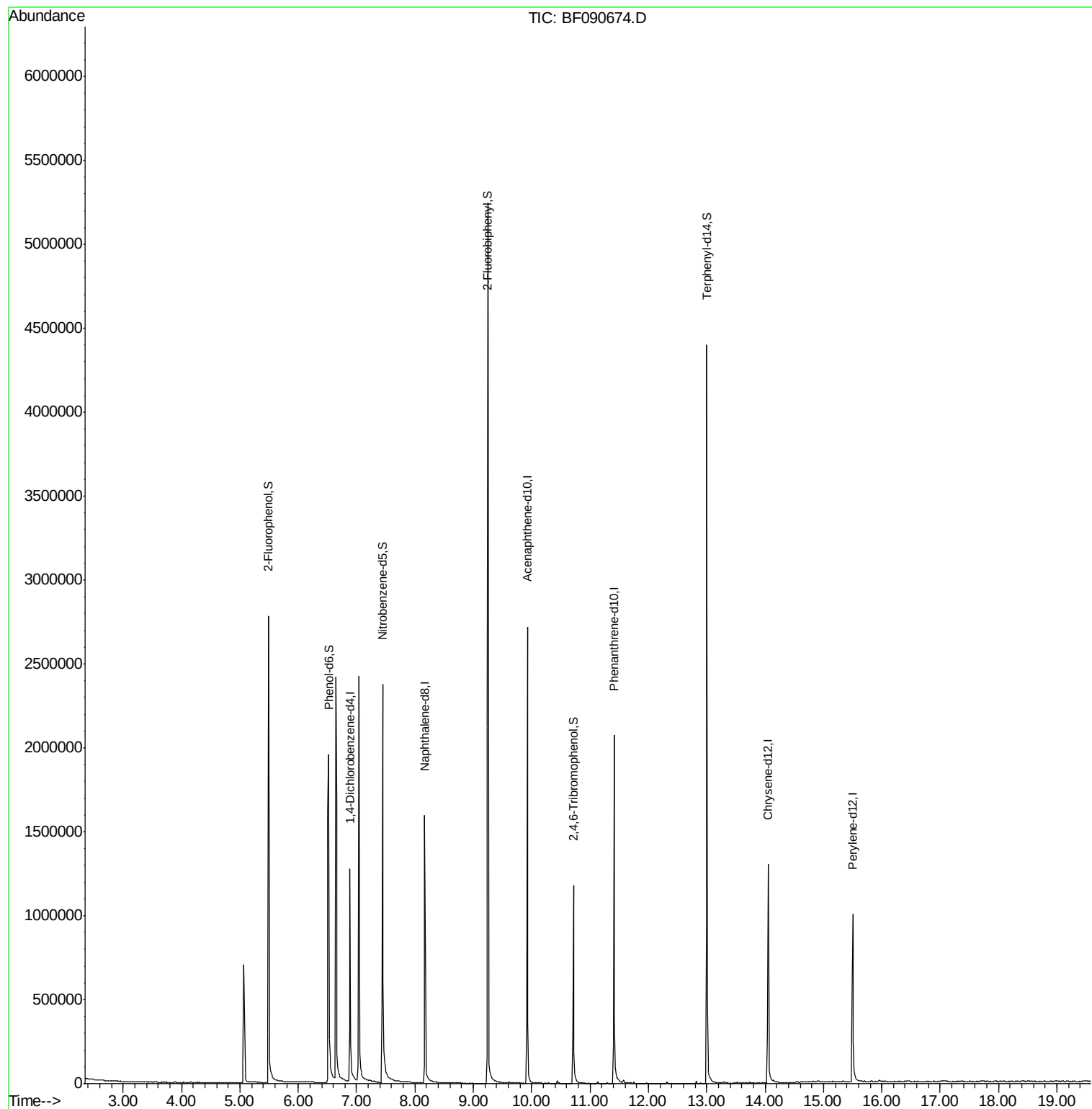
Target Compounds Qvalue

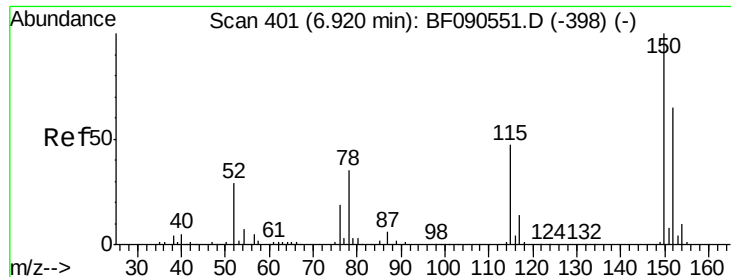
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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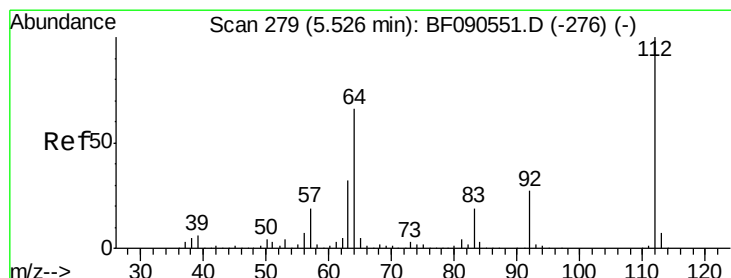
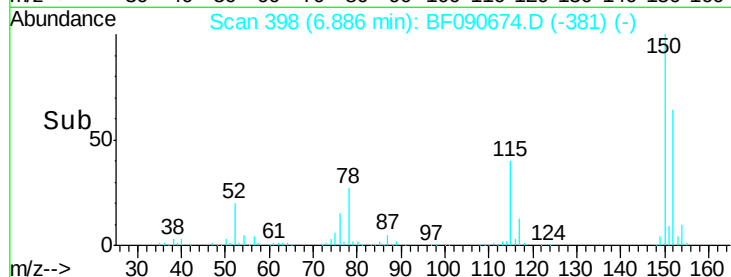
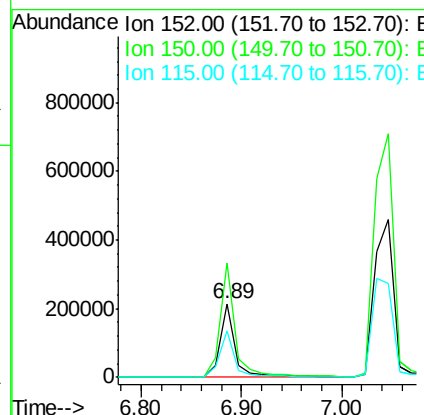
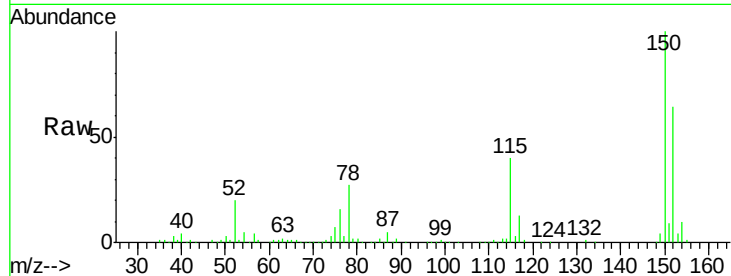




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

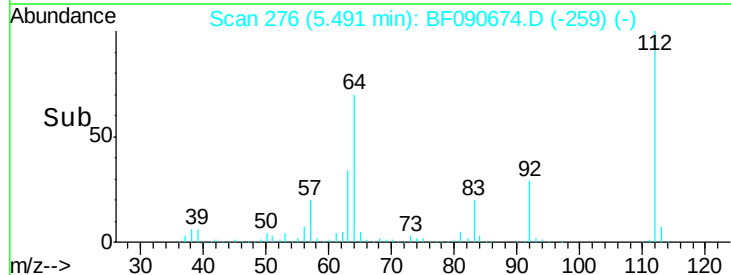
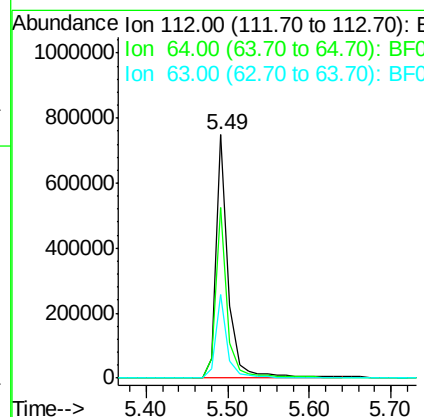
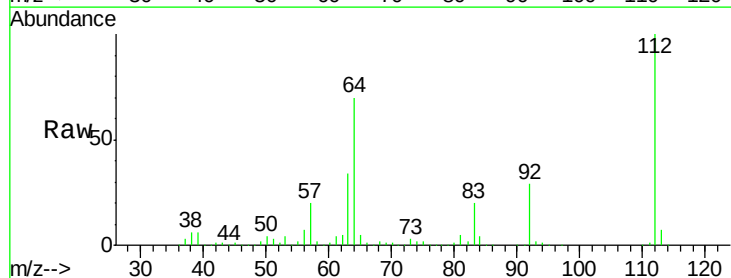
Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

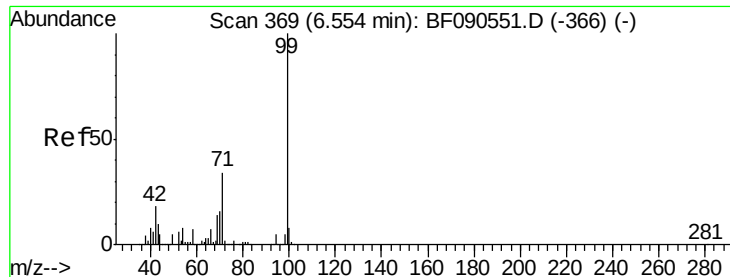
Tot Ion:152 Resp: 227193
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.2 190.8
 115 62.6 58.6 88.0



#5
 2-Fluorophenol
 Concen: 64.60 ng
 RT: 5.49 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion:112 Resp: 800606
 Ion Ratio Lower Upper
 112 100
 64 70.3 52.6 78.8
 63 34.5 26.0 39.0





#7

Phenol-d6

Concen: 60.66 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090674.D

Acq: 20 Oct 2016 4:49

Instrument :

BNA_F

ClientSampleID :

PB94170BL

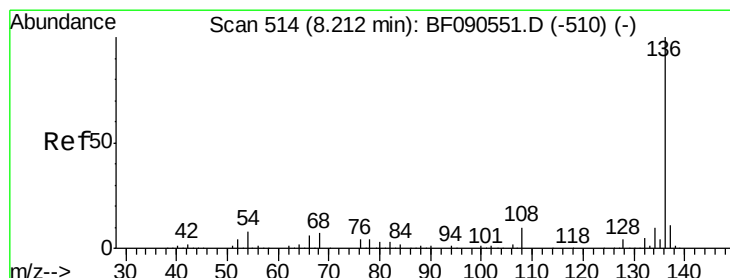
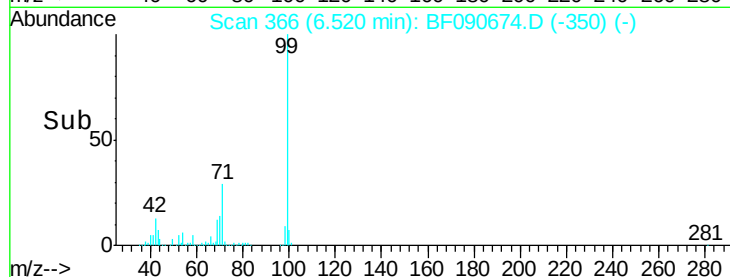
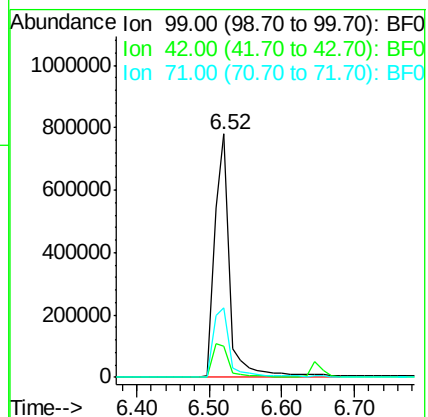
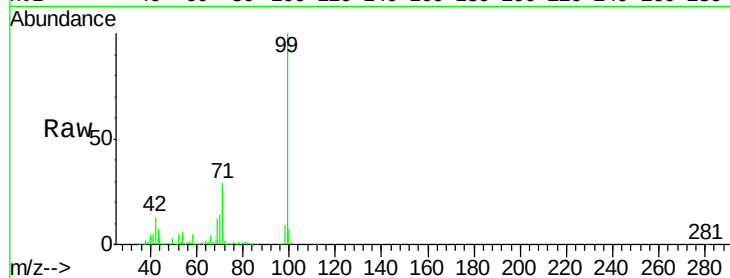
Tot Ion: 99 Resp: 1117017

Ion Ratio Lower Upper

99 100

42 12.9 14.7 22.1#

71 28.7 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090674.D

Acq: 20 Oct 2016 4:49

Tgt Ion: 136 Resp: 984720

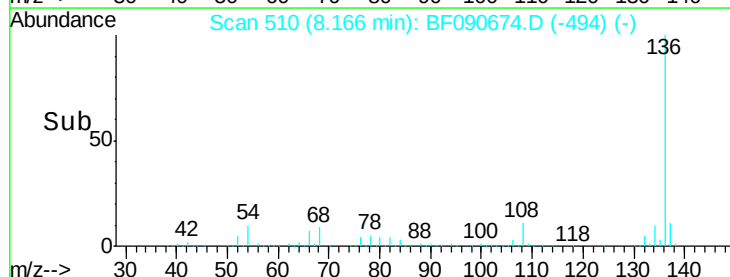
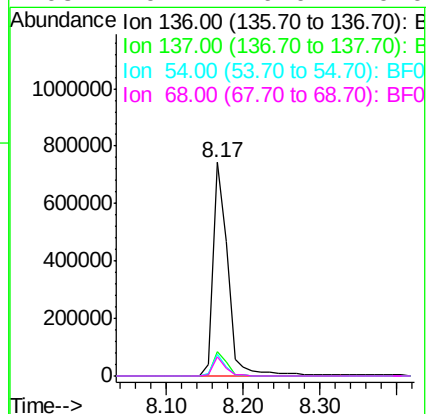
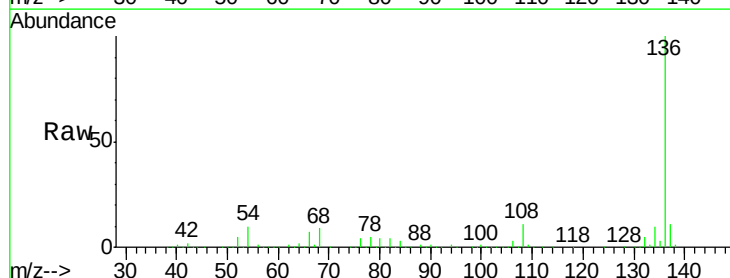
Ion Ratio Lower Upper

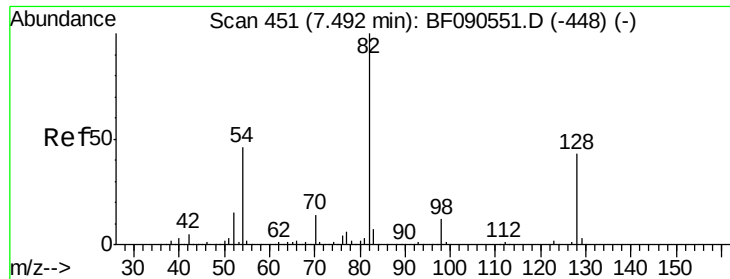
136 100

137 11.3 8.8 13.2

54 10.5 6.8 10.2#

68 9.2 6.0 9.0#



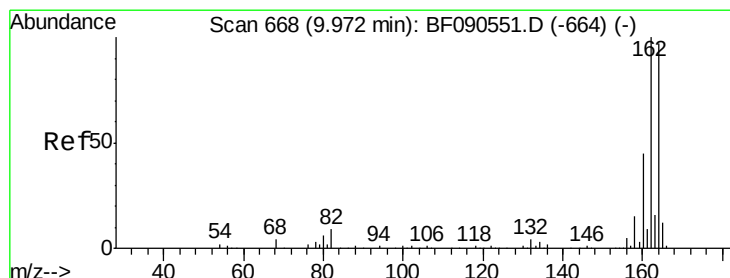
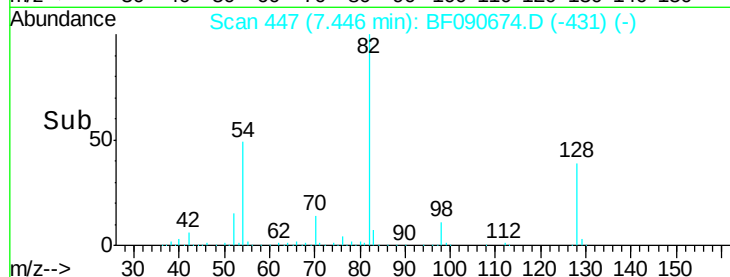
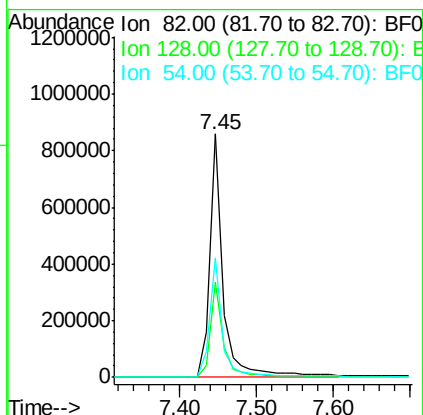
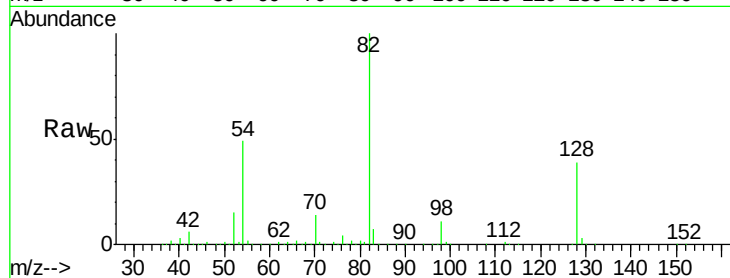


#23
 Nitrobenzene-d5
 Concen: 58.52 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Tot Ion: 82 Resp: 1037408

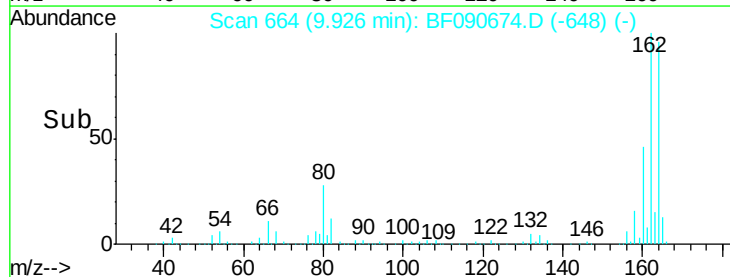
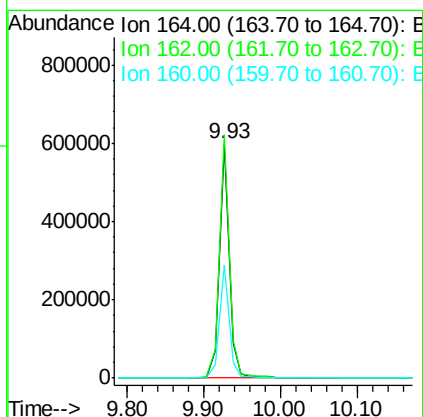
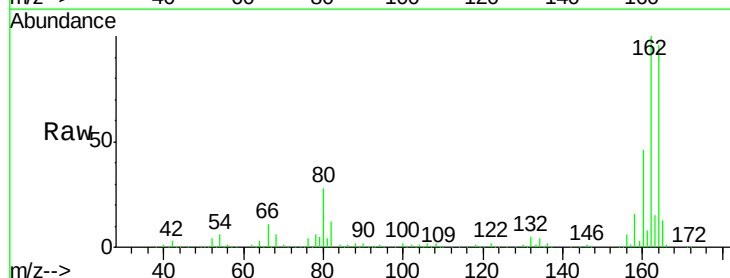
Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.3	51.5
54	49.0	37.0	55.6

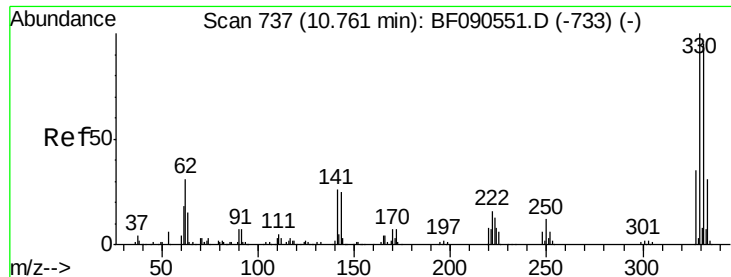


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion: 164 Resp: 546153

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	48.1	36.6	55.0

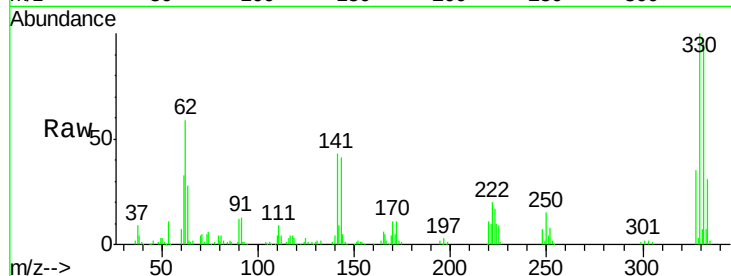




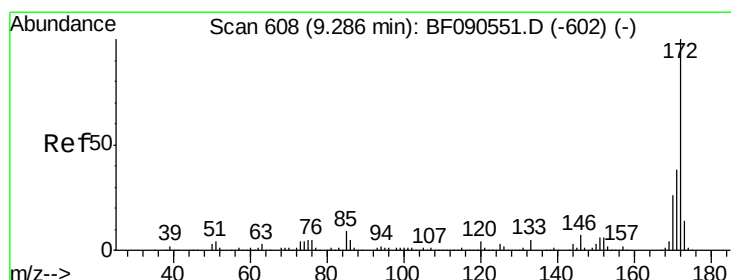
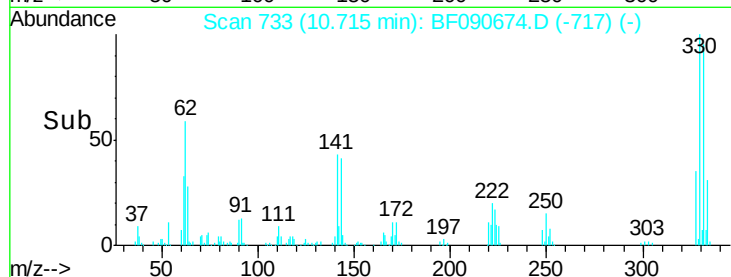
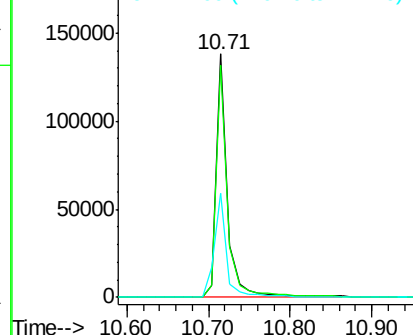
#41
 2,4,6-Tribromophenol
 Concen: 27.97 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampled :
 PB94170BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.2
141	47.2	31.4	47.2#

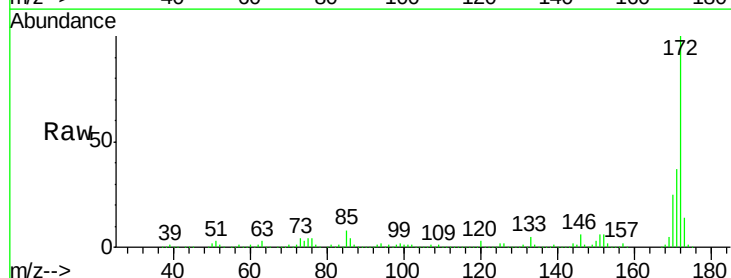


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

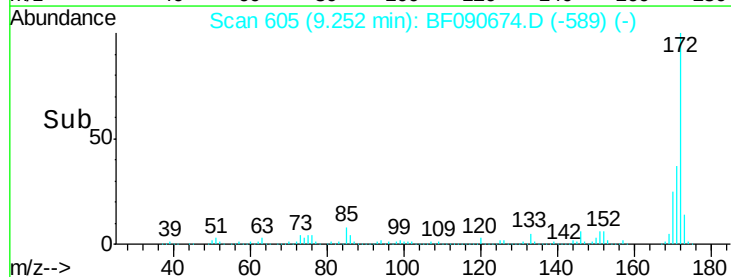
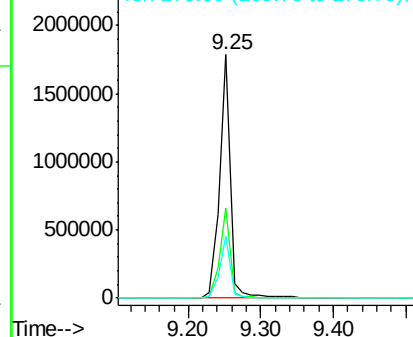


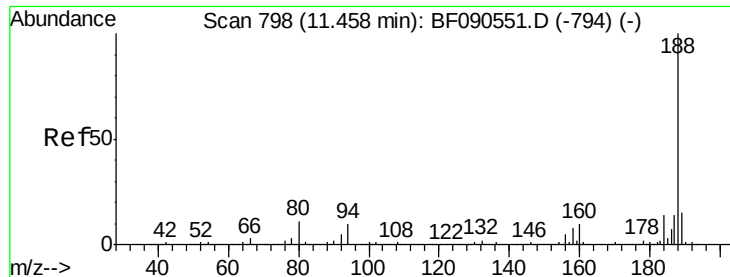
#44
 2-Fluorobiphenyl
 Concen: 56.10 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	25.2	20.6	30.8



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

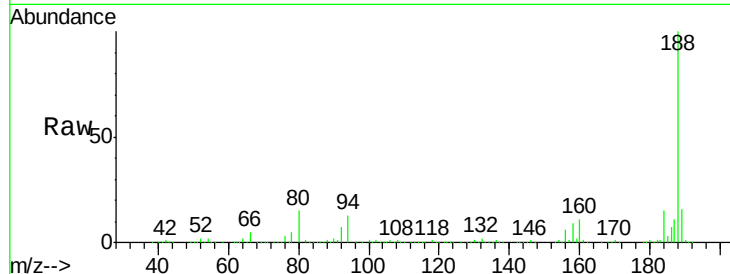




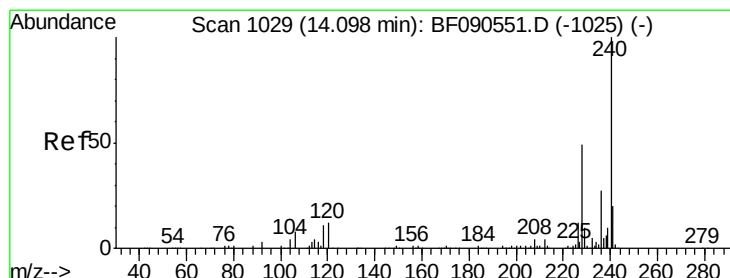
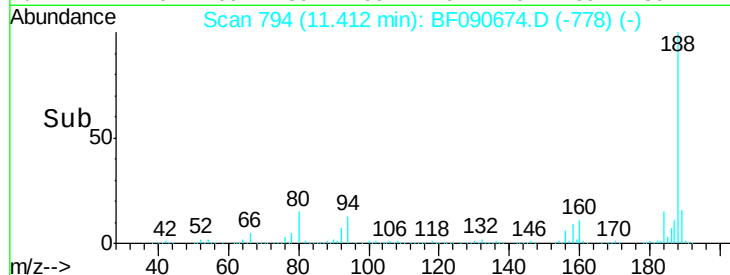
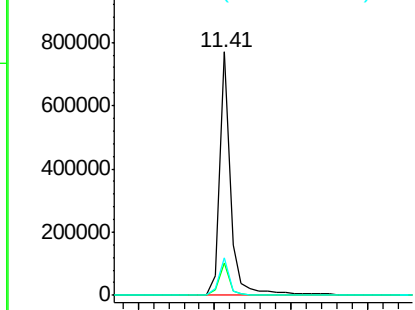
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090674.D
Acq: 20 Oct 2016 4:49

Instrument :
BNA_F
ClientSampleId :
PB94170BL

Tot Ion:188 Resp: 769906
Ion Ratio Lower Upper
188 100
94 13.3 7.7 11.5#
80 15.4 8.6 12.8#

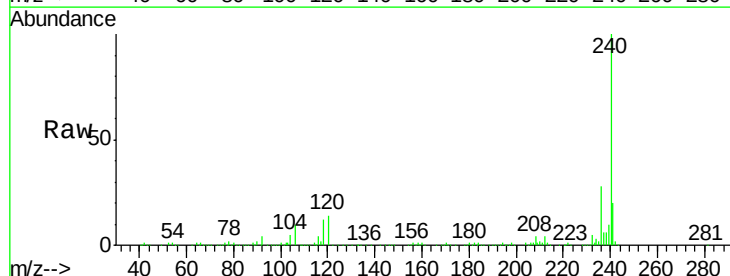


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

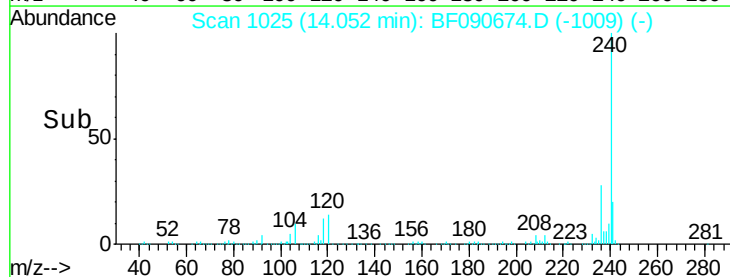
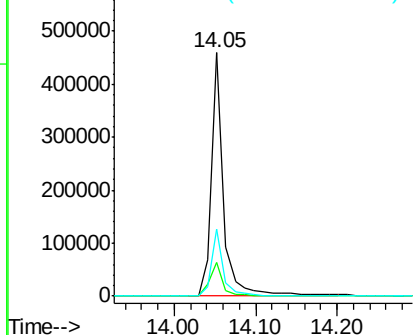


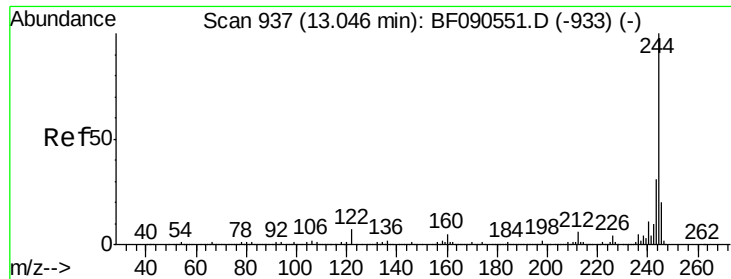
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090674.D
Acq: 20 Oct 2016 4:49

Tgt Ion:240 Resp: 491178
Ion Ratio Lower Upper
240 100
120 13.9 9.8 14.8
236 27.7 21.7 32.5



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

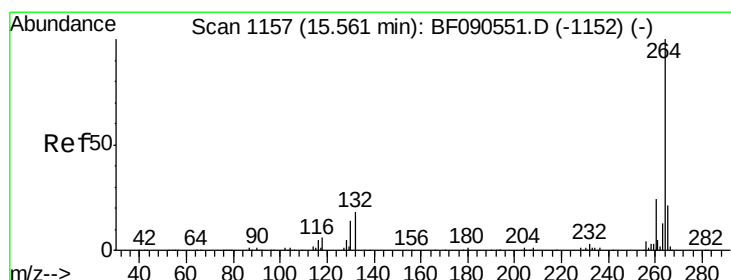
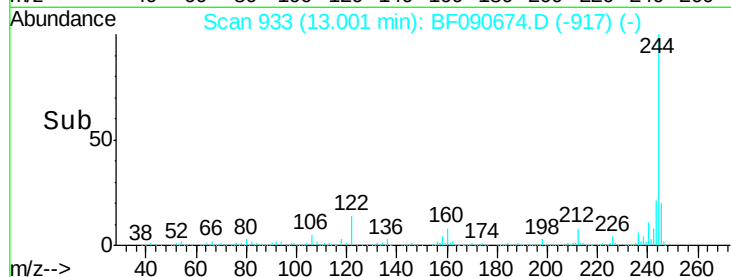
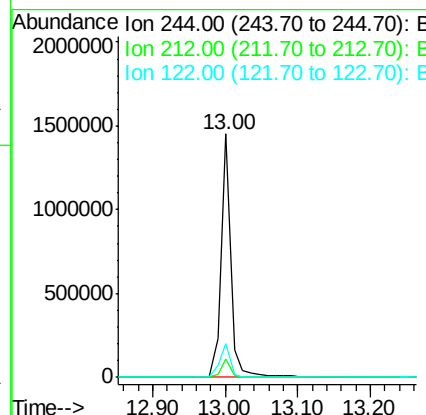
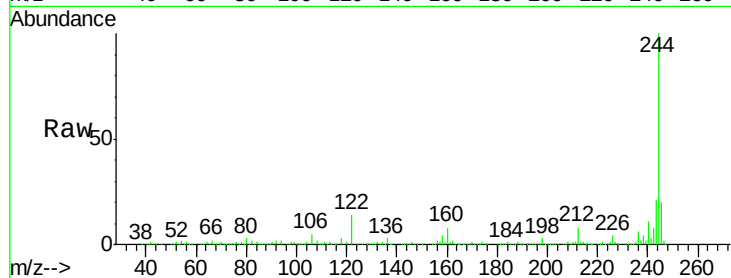




#78
 Terphenyl-d14
 Concen: 64.66 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BL

Tot Ion:244 Resp: 1364116
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 13.6 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090674.D
 Acq: 20 Oct 2016 4:49

Tgt Ion:264 Resp: 525443
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.5 16.7 25.1

