

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089314.D
 Acq On : 26 Jul 2016 19:14
 Operator : UM/SJ
 Sample : PB92432BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92432BL

Quant Time: Jul 27 03:38:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41771	20.00	ng	-0.02
21) Naphthalene-d8	7.83	136	189984	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	86875	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	179030	20.00	ng	-0.03
75) Chrysene-d12	13.67	240	146741	20.00	ng	-0.02
86) Perylene-d12	15.01	264	125958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	337260	122.80	ng	-0.01
7) Phenol-d6	6.20	99	446104	125.95	ng	-0.02
23) Nitrobenzene-d5	7.11	82	268024	74.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.36	330	93819	119.95	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	511876	81.18	ng	-0.02
78) Terphenyl-d14	12.63	244	461021	68.14	ng	-0.02

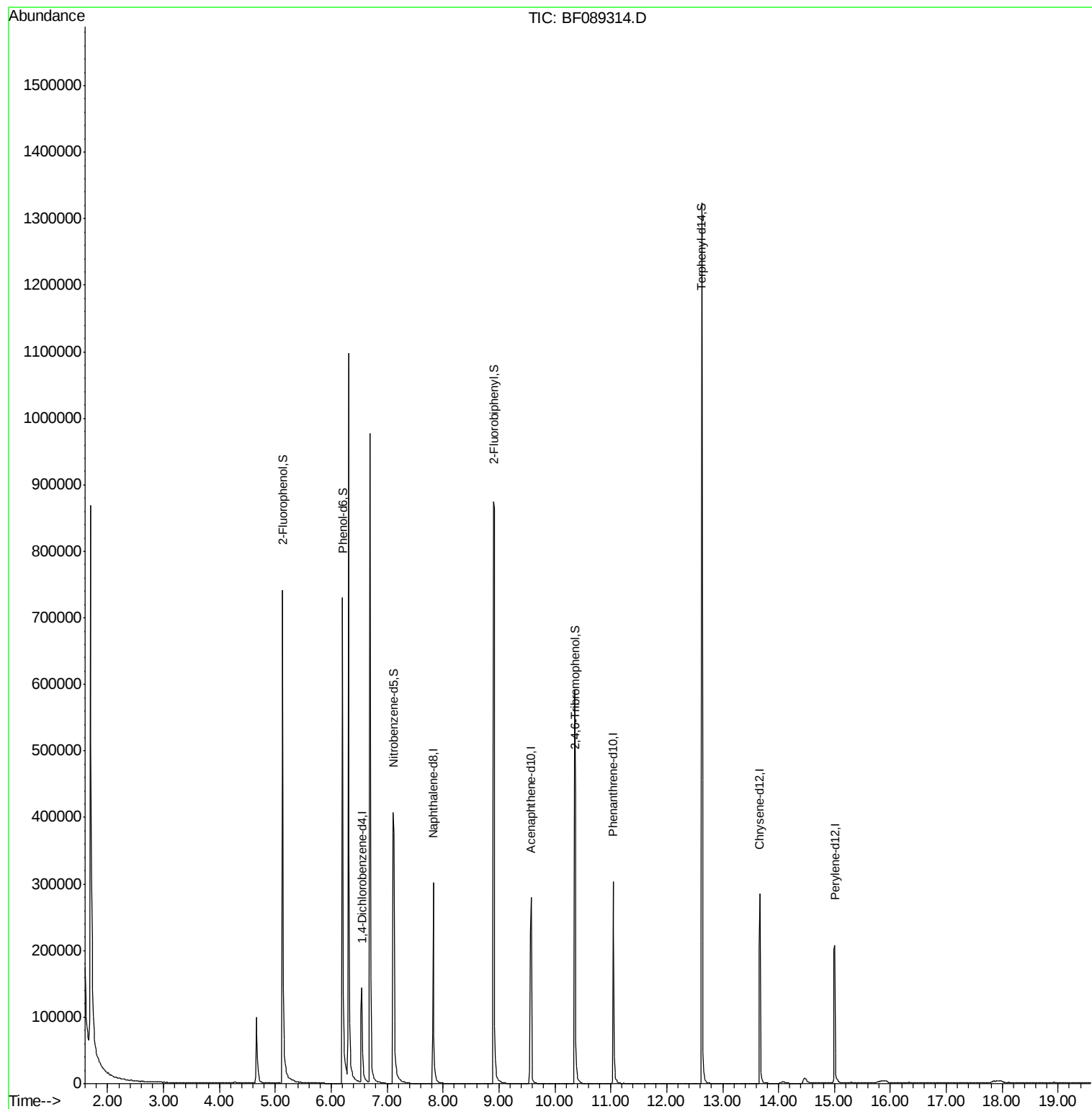
Target Compounds Qvalue

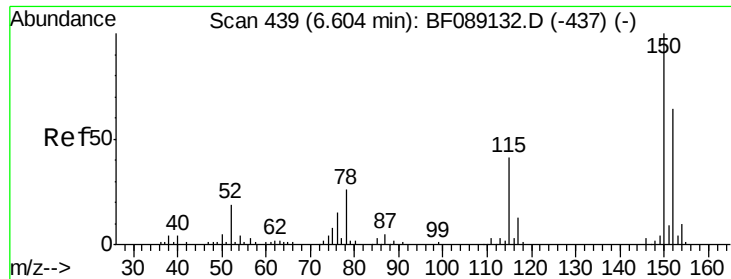
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089314.D
Acq On : 26 Jul 2016 19:14
Operator : UM/SJ
Sample : PB92432BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92432BL

Quant Time: Jul 27 03:38:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration



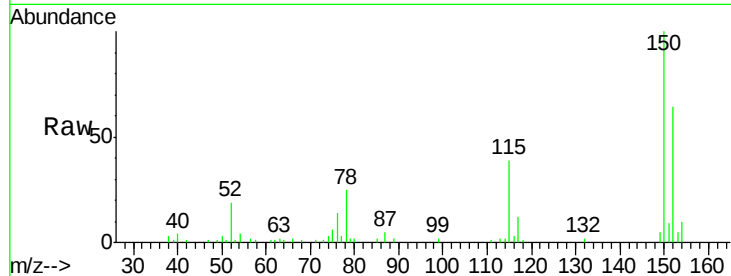


#1

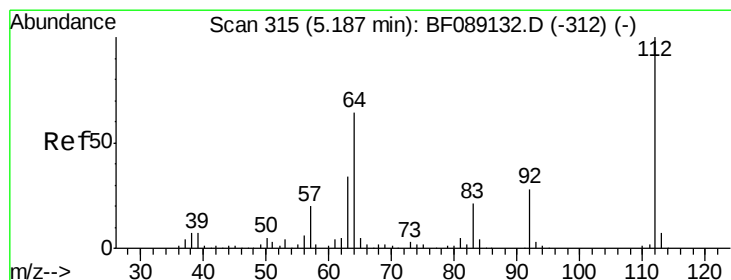
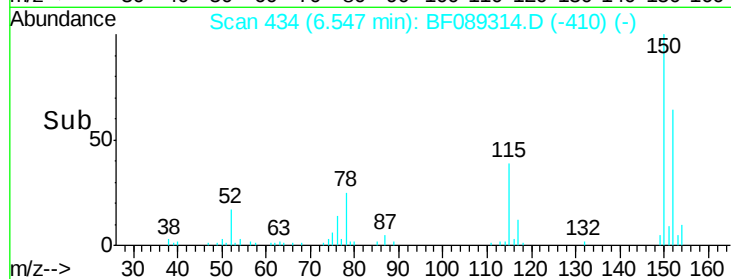
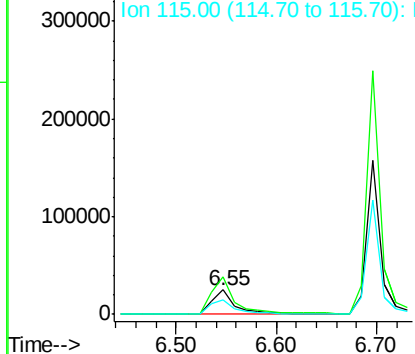
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB92432BL

Tot Ion:152 Resp: 41771
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 60.5 51.1 76.7



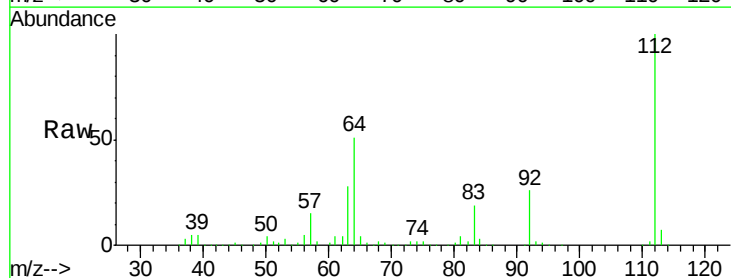
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



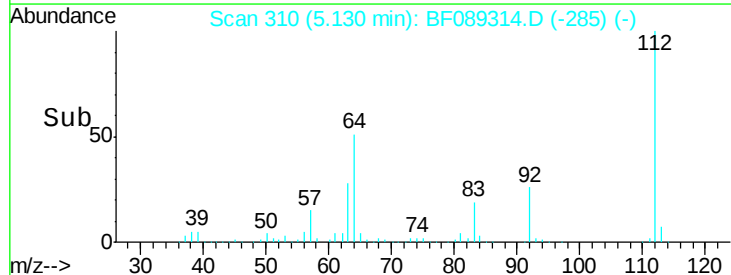
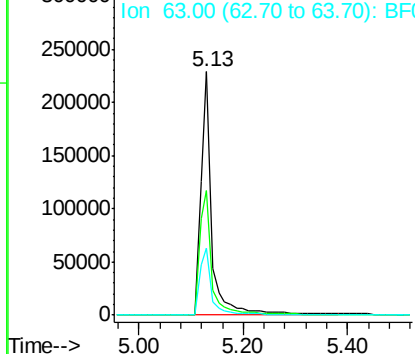
#5

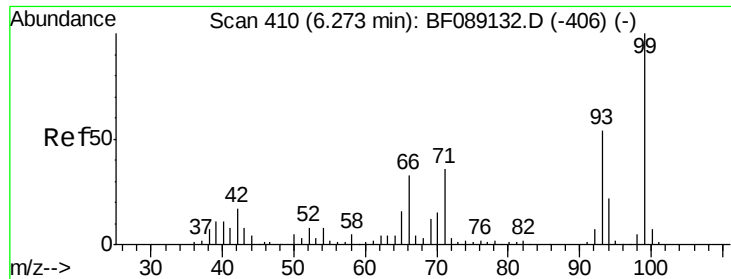
2-Fluorophenol
Concen: 122.80 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Tgt Ion:112 Resp: 337260
Ion Ratio Lower Upper
112 100
64 51.0 51.0 76.4
63 27.6 27.3 40.9



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: 125.95 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB92432BL

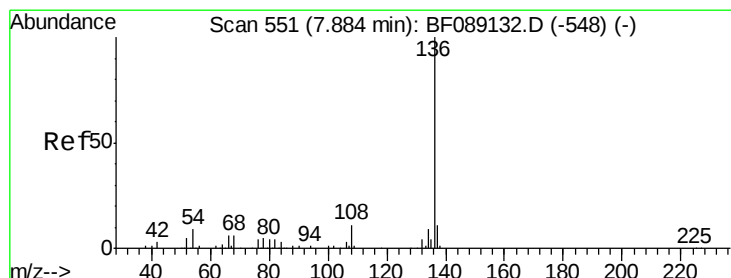
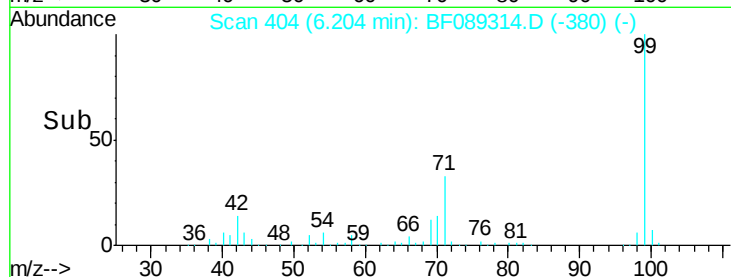
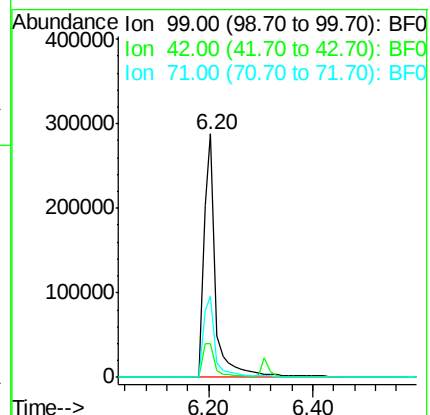
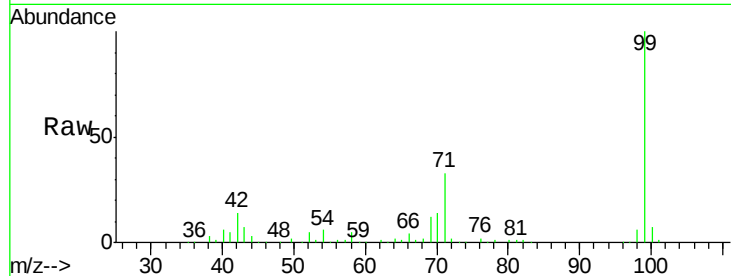
Tot Ion: 99 Resp: 446104

Ion Ratio Lower Upper

99 100

42 13.9 13.5 20.3

71 33.5 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Tgt Ion: 136 Resp: 189984

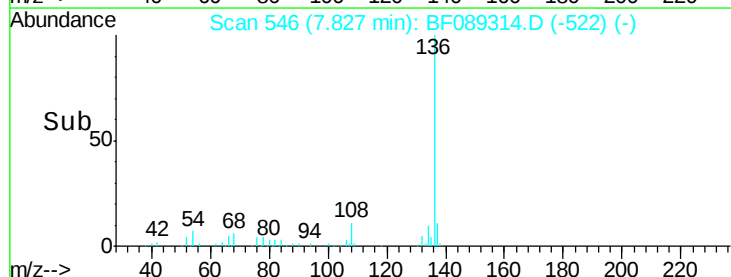
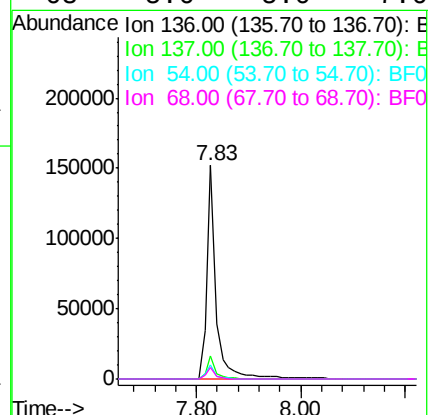
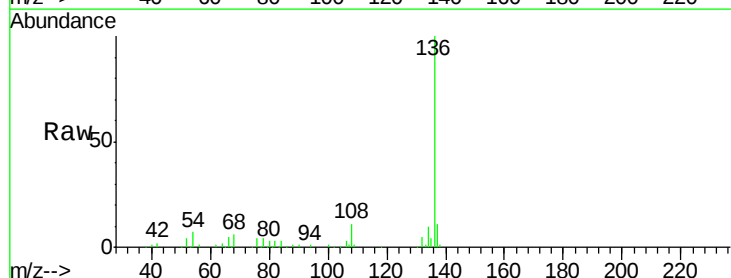
Ion Ratio Lower Upper

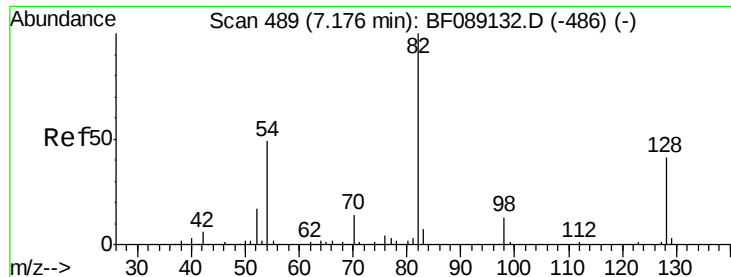
136 100

137 10.7 8.8 13.2

54 6.7 7.0 10.4#

68 5.6 5.0 7.6

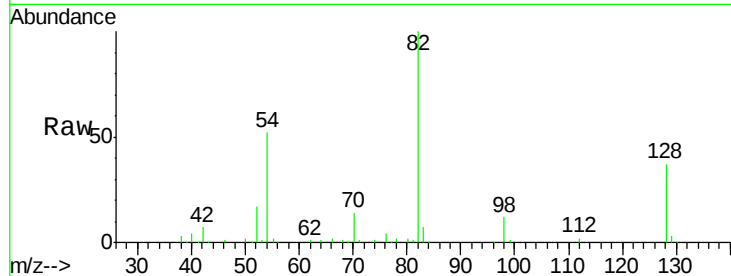




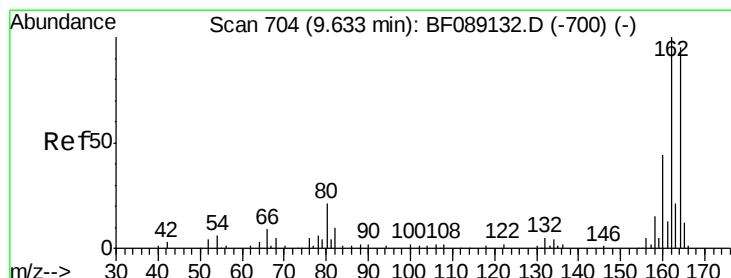
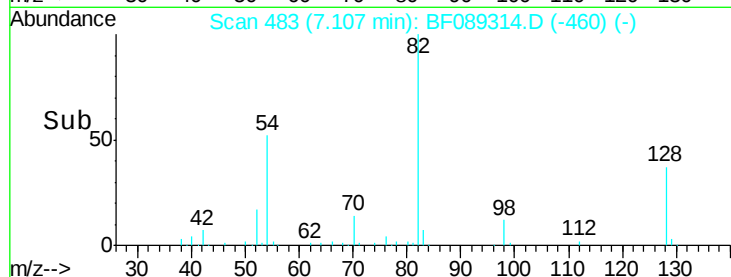
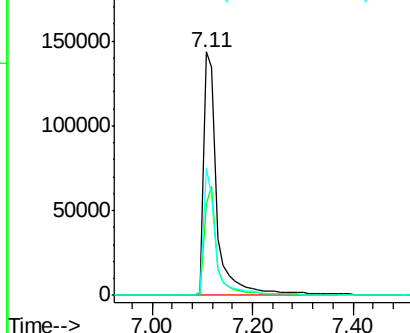
#23
 Nitrobenzene-d5
 Concen: 74.96 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92432BL

Tot Ion	82	Resp	268024
Ion Ratio	Lower	Upper	
82	100		
128	37.3	33.0	49.6
54	52.1	39.0	58.4

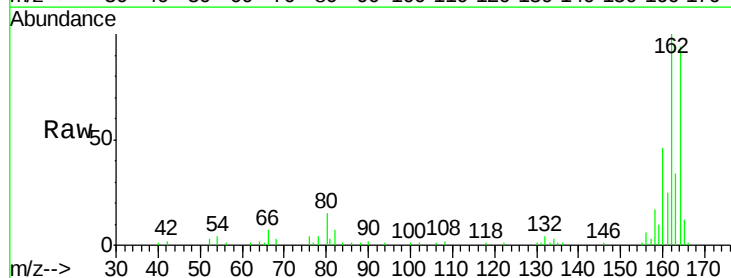


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

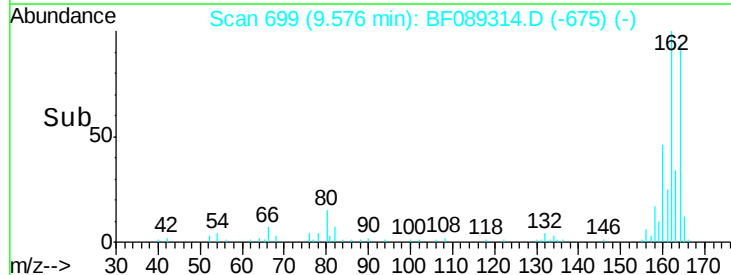
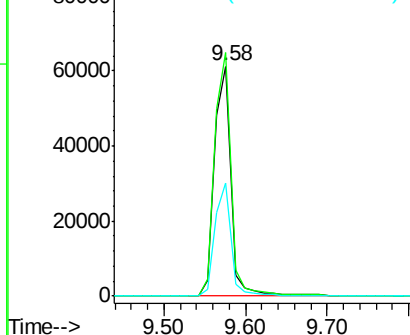


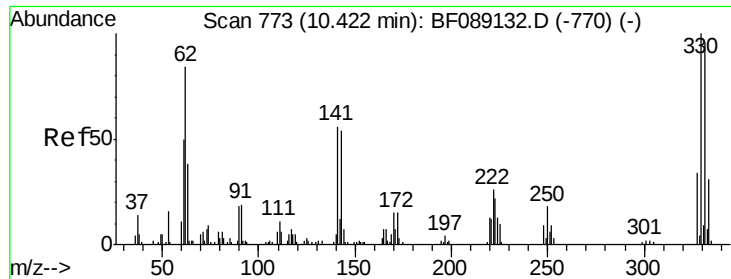
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Tgt Ion	164	Resp	86875
Ion Ratio	Lower	Upper	
164	100		
162	106.1	84.1	126.1
160	49.3	37.1	55.7



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

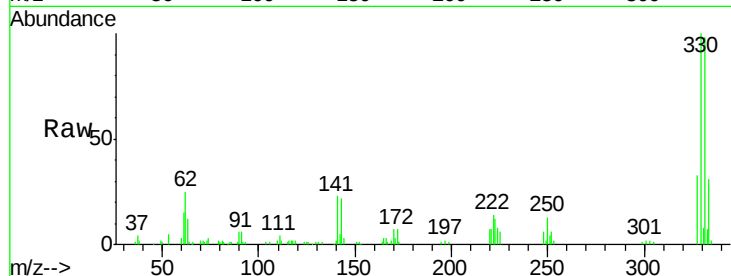




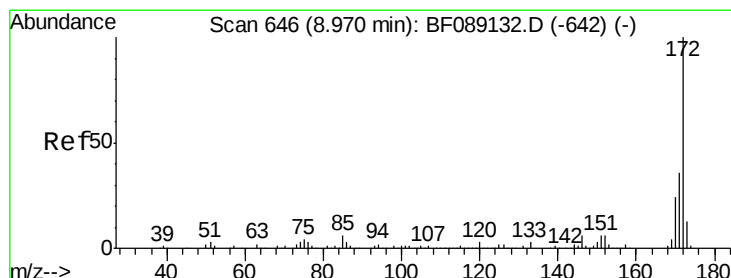
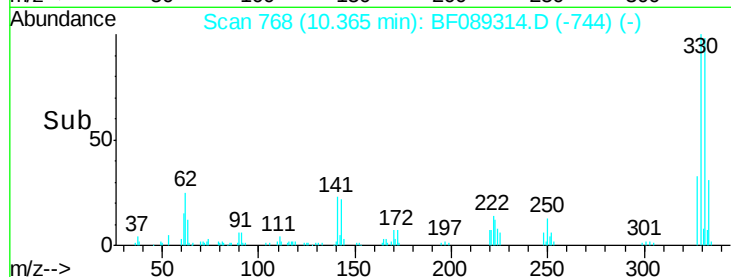
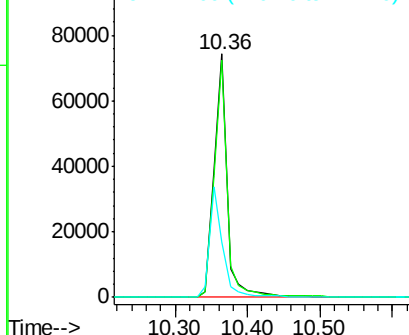
#41
 2,4,6-Tribromophenol
 Concen: 119.95 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92432BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	45.1	42.2	63.2

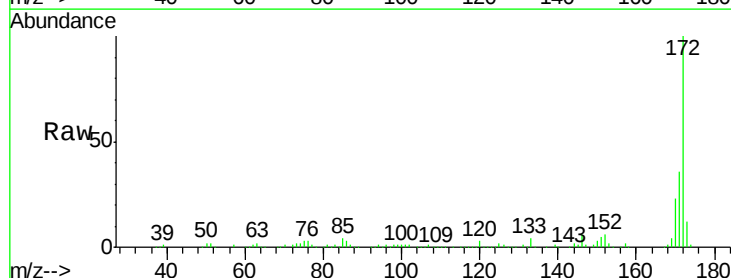


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

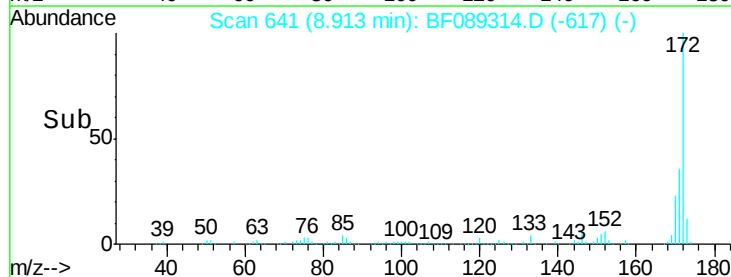
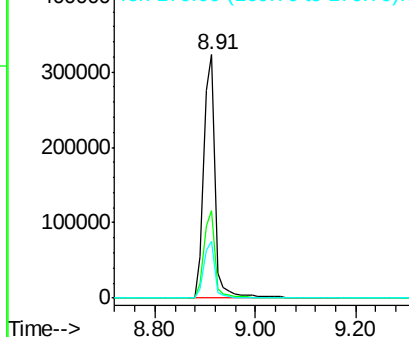


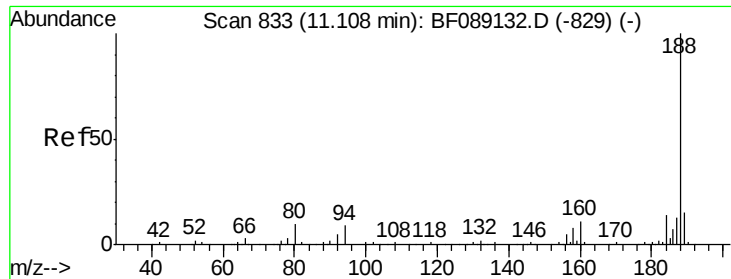
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.3	19.1	28.7



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

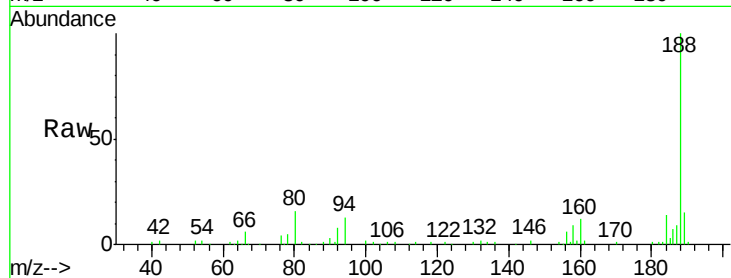




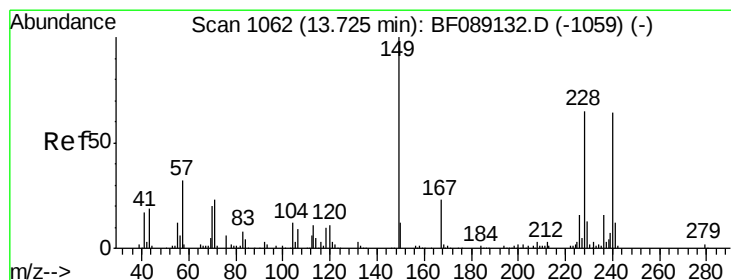
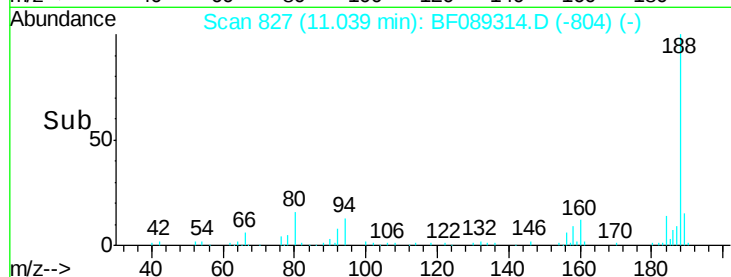
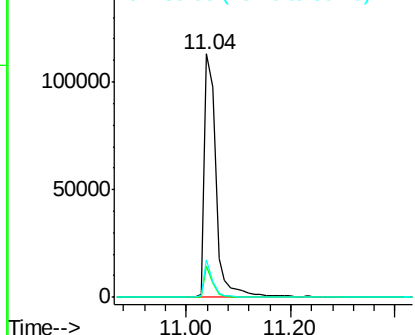
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB92432BL

Tot Ion:188 Resp: 179030
Ion Ratio Lower Upper
188 100
94 13.0 7.0 10.4#
80 15.7 7.7 11.5#

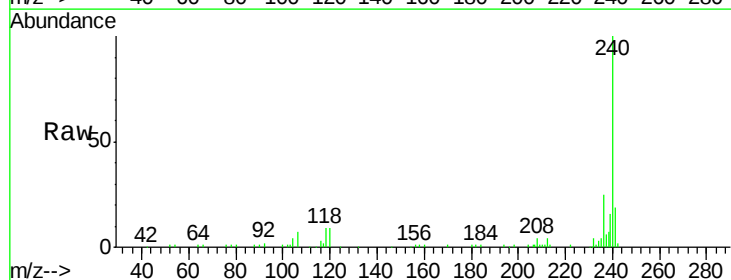


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

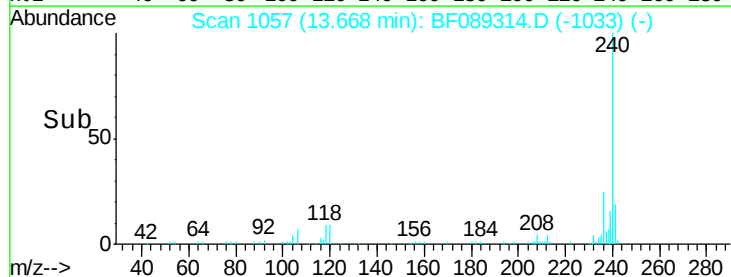
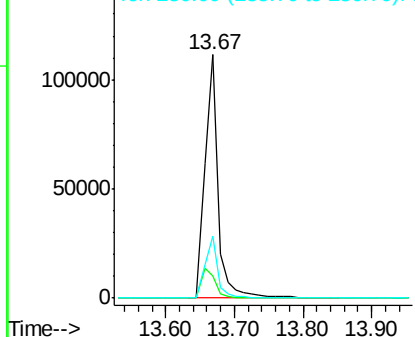


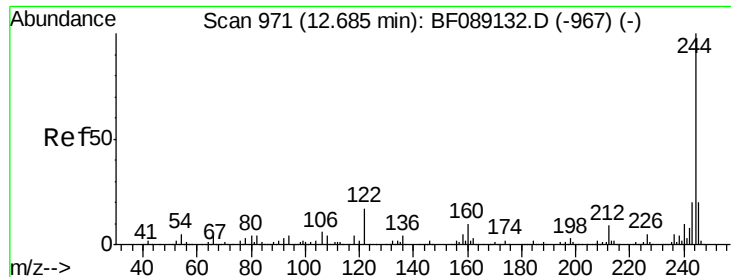
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Tgt Ion:240 Resp: 146741
Ion Ratio Lower Upper
240 100
120 9.0 13.6 20.4#
236 25.4 20.5 30.7



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

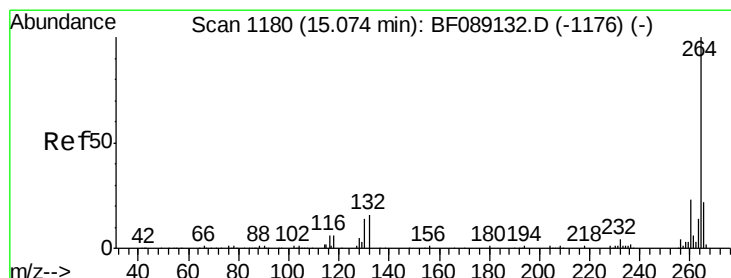
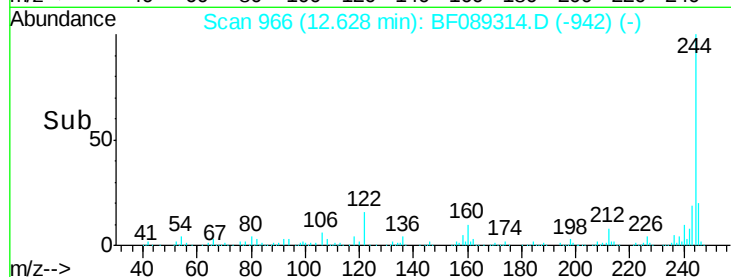
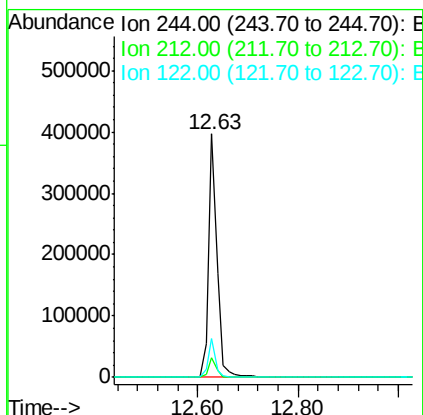
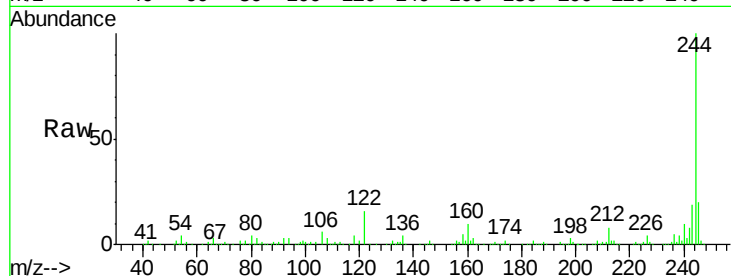




#78
 Terphenyl-d14
 Concen: 68.14 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Instrument :
 BNA_F
 ClientSampled :
 PB92432BL

Tot Ion:244 Resp: 461021
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 16.0 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Tgt Ion:264 Resp: 125958
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.1 17.3 25.9

