

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089205.D
 Acq On : 22 Jul 2016 21:23
 Operator : UM/SJ
 Sample : PB92323BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Quant Time: Jul 22 23:26:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	43105	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	188789	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	92702	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	191689	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	148084	20.00	ng	-0.02
86) Perylene-d12	15.05	264	115005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	358033	126.33	ng	-0.02
7) Phenol-d6	6.24	99	516077	141.20	ng	-0.03
23) Nitrobenzene-d5	7.15	82	309438	87.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	107677	129.01	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	588527	87.47	ng	-0.02
78) Terphenyl-d14	12.67	244	578605	84.75	ng	-0.01

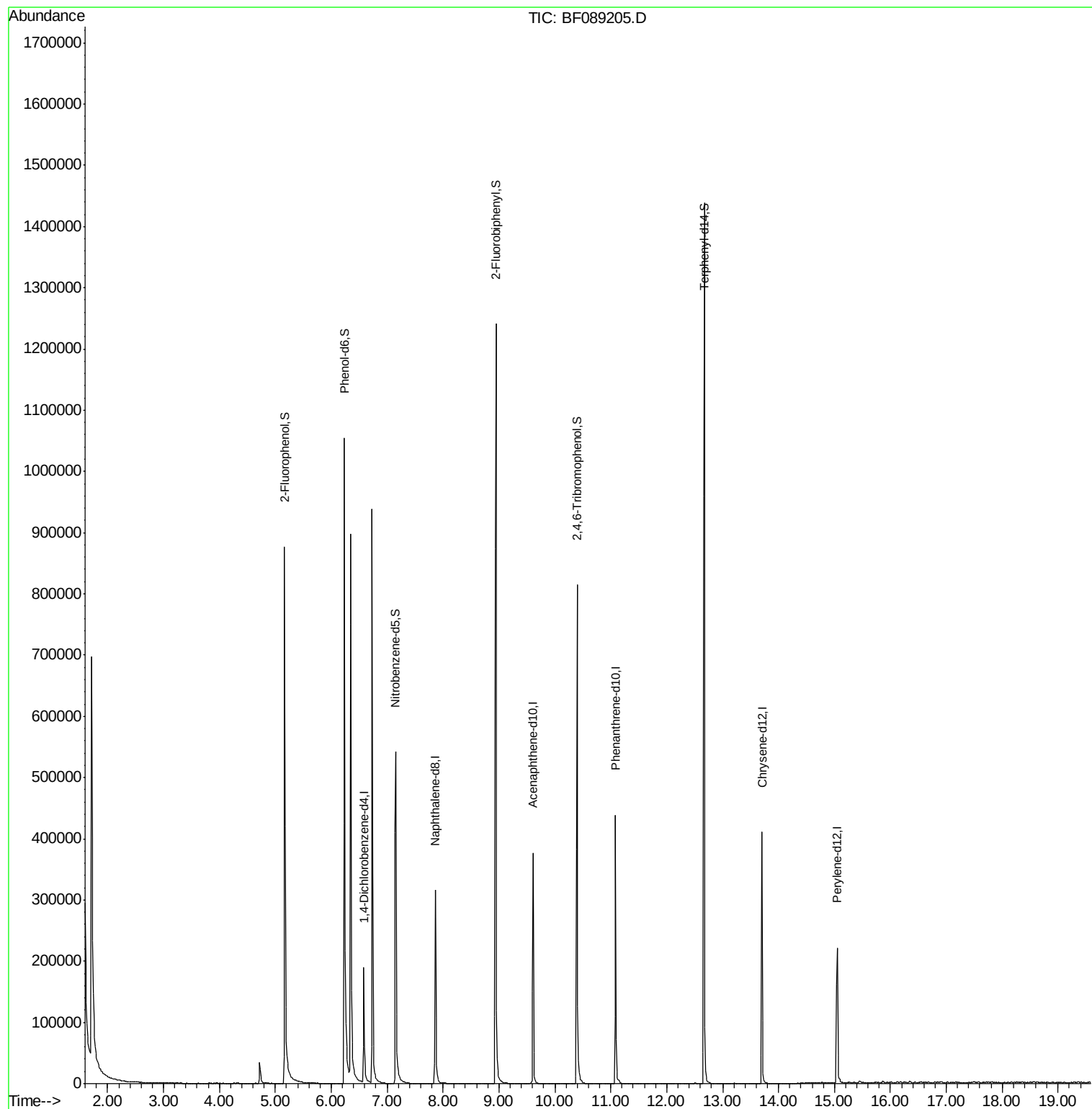
Target Compounds	Qvalue
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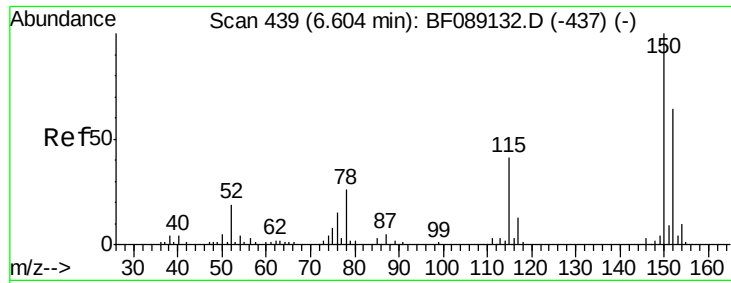
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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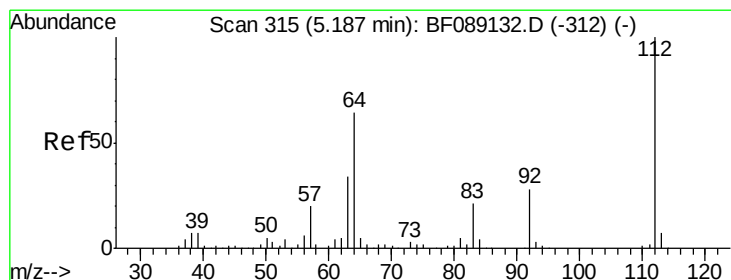
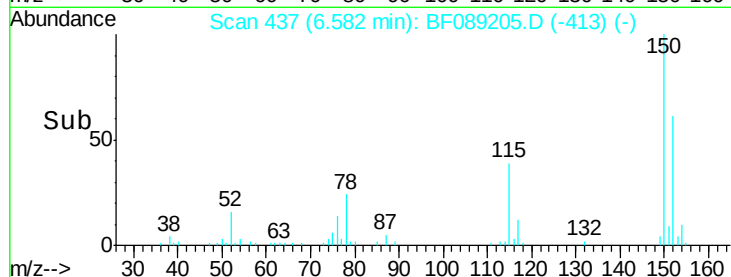
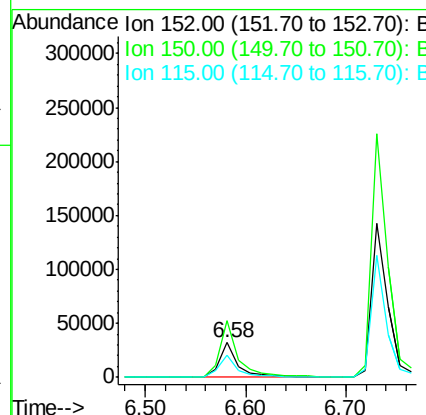
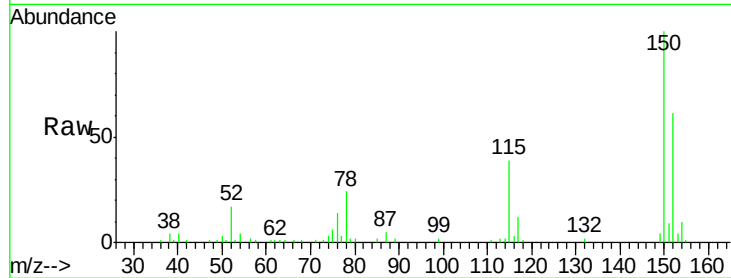




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

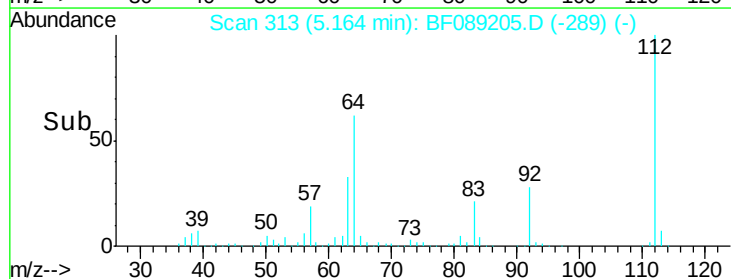
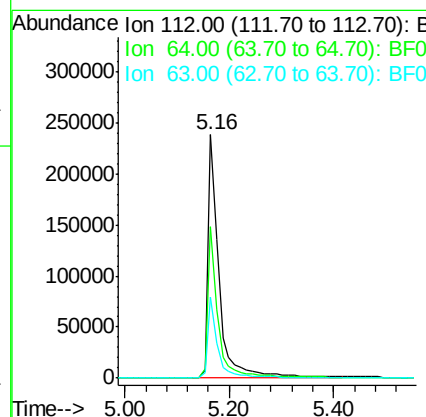
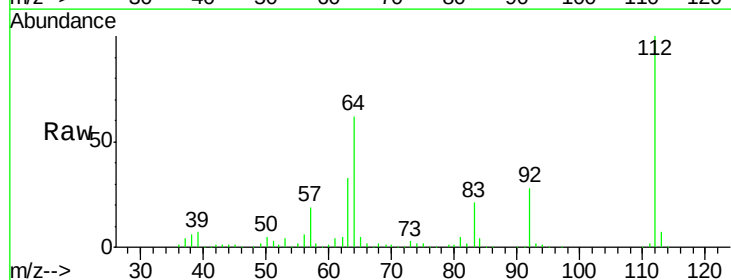
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

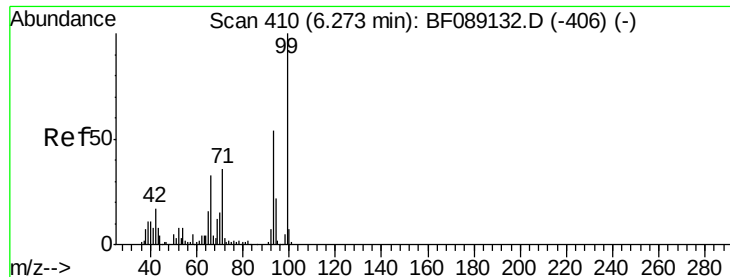
Tgt Ion:152 Resp: 43105
 Ion Ratio Lower Upper
 152 100
 150 163.2 125.1 187.7
 115 63.3 51.1 76.7



#5
 2-Fluorophenol
 Concen: 126.33 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:112 Resp: 358033
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.0 76.4
 63 33.4 27.3 40.9





#7

Phenol-d6

Concen: 141.20 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089205.D

Acq: 22 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

PB92323BL

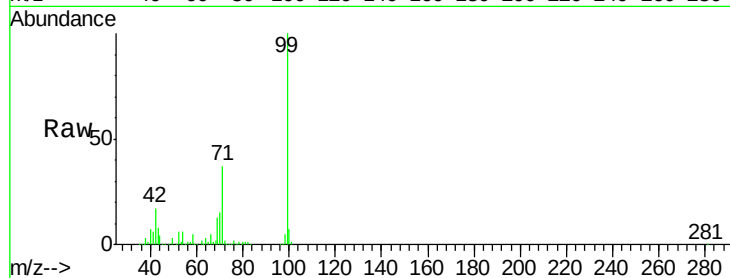
Tgt Ion: 99 Resp: 516077

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

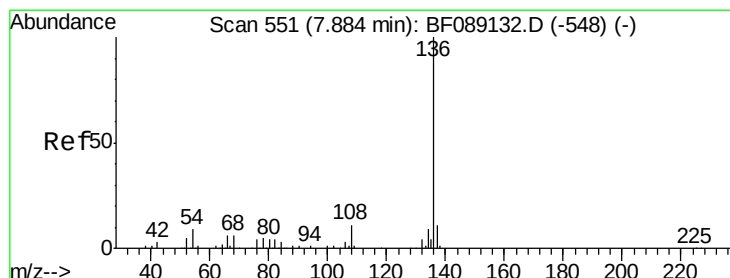
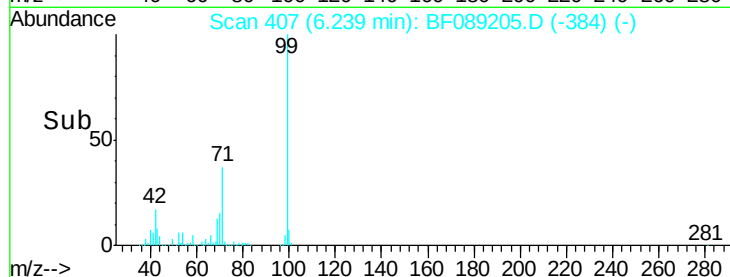
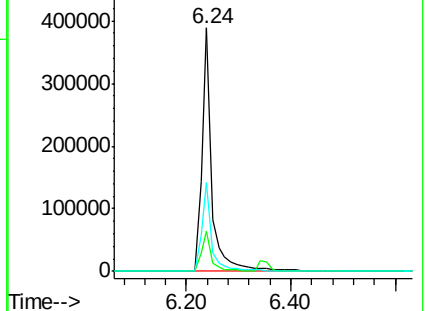
71 36.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089205.D

Acq: 22 Jul 2016 21:23

Tgt Ion: 136 Resp: 188789

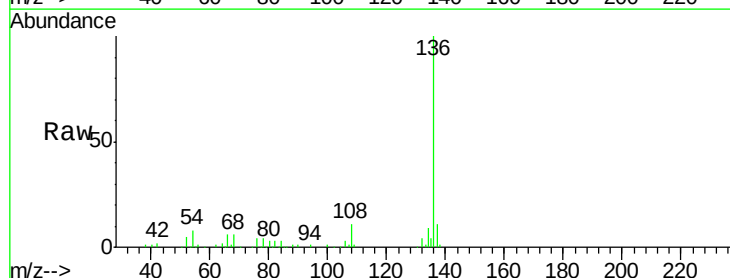
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.0 7.0 10.4

68 5.8 5.0 7.6

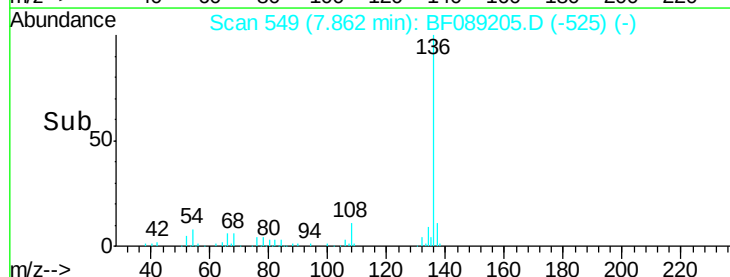
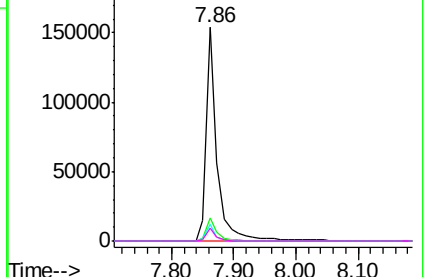


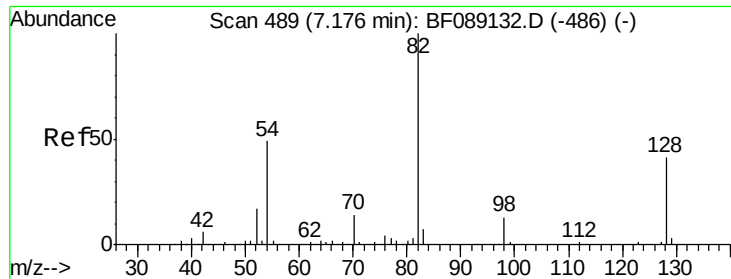
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

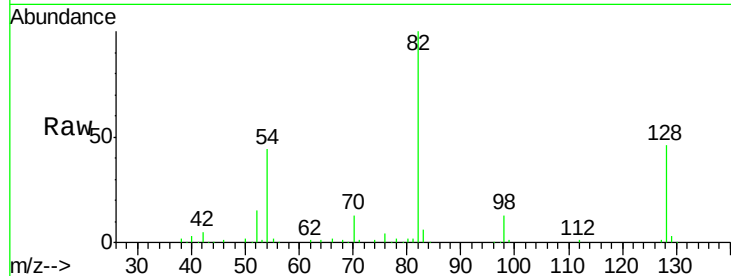




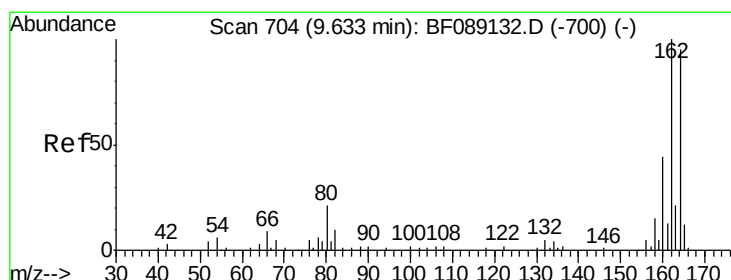
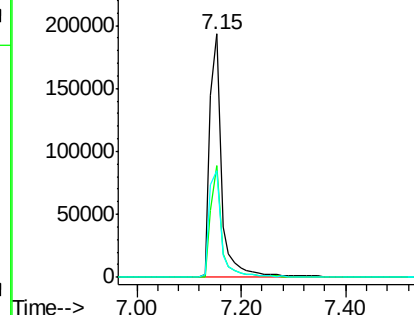
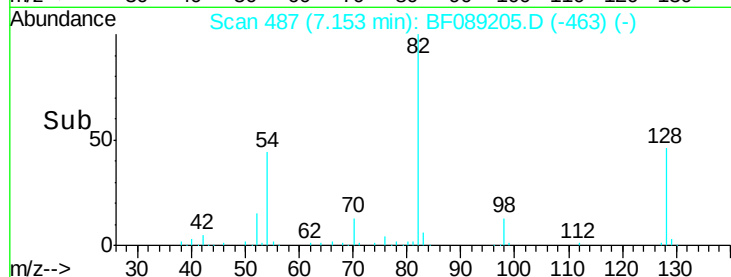
#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.0	49.6
54	43.6	39.0	58.4

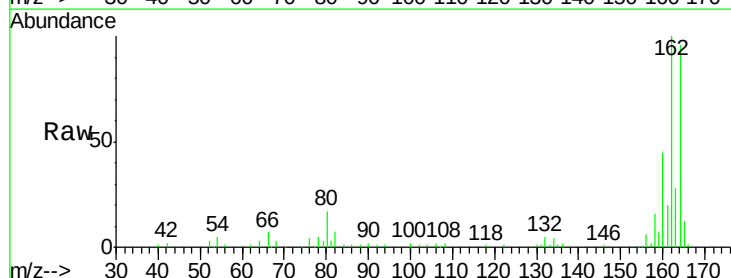


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

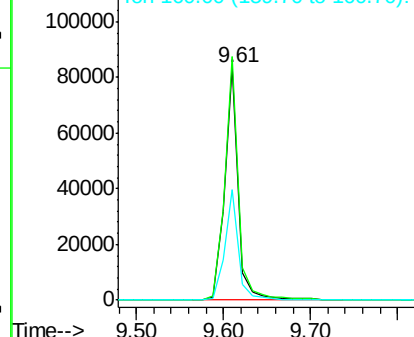
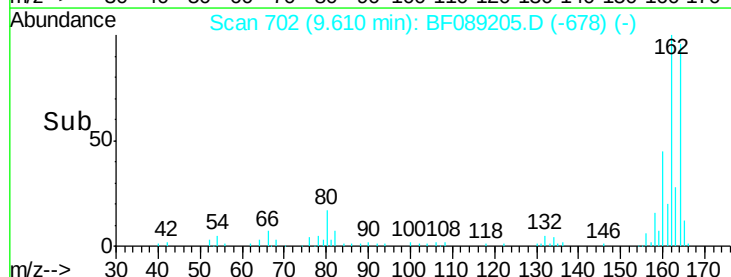


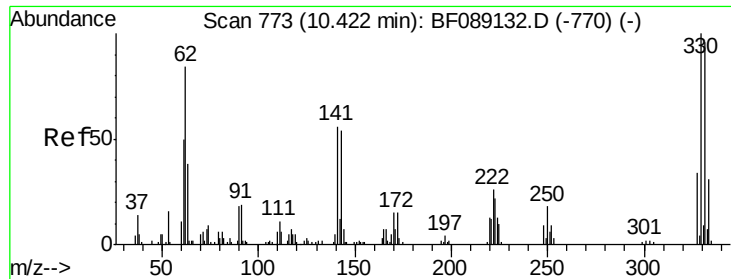
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.1	126.1
160	47.3	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

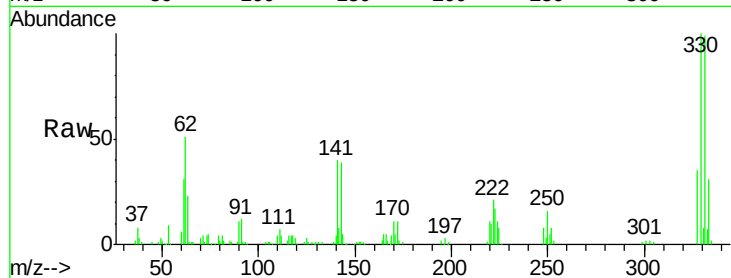




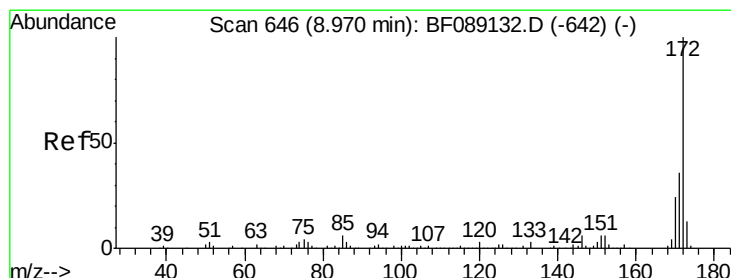
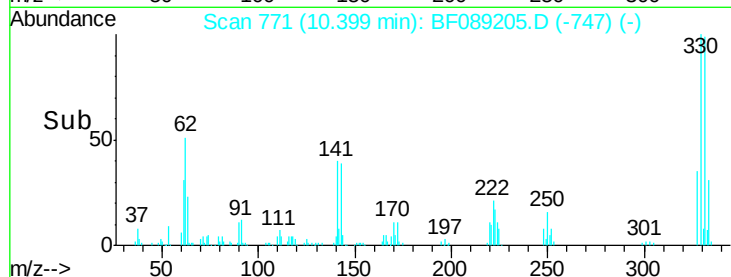
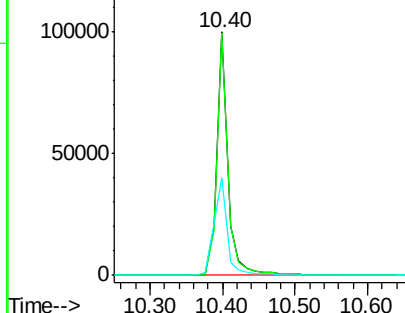
#41
 2,4,6-Tribromophenol
 Concen: 129.01 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Tgt Ion:330 Resp: 107677
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.2 115.8
 141 47.3 42.2 63.2

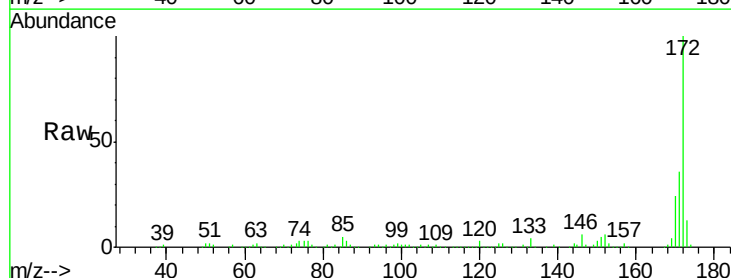


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

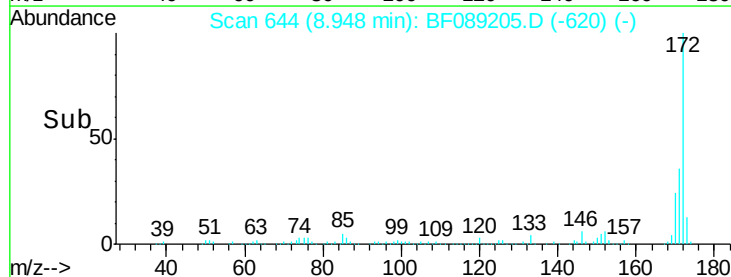
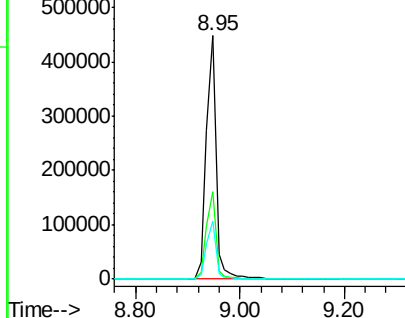


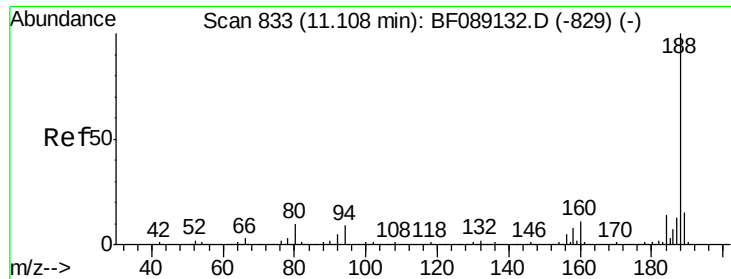
#44
 2-Fluorobiphenyl
 Concen: 87.47 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:172 Resp: 588527
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 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

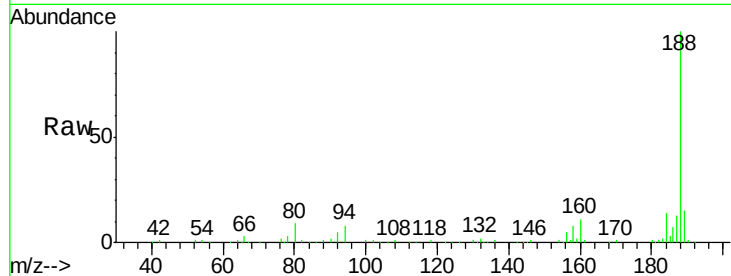




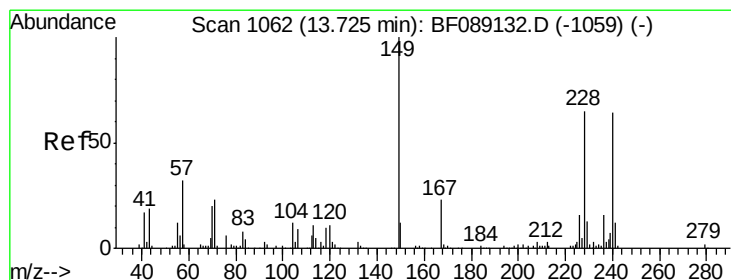
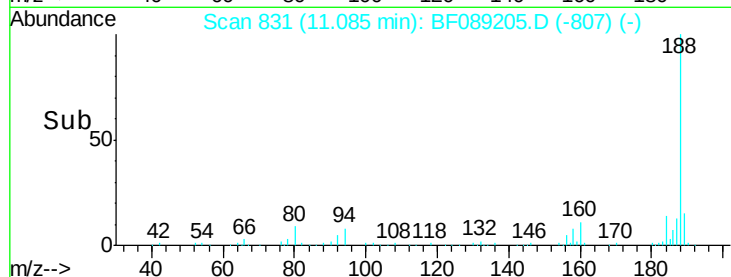
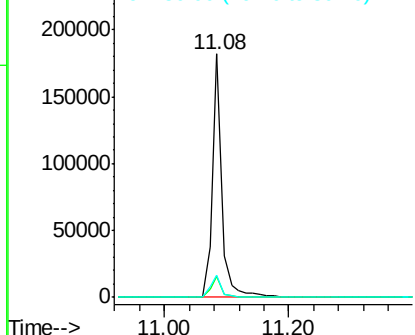
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92323BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.3	7.7	11.5

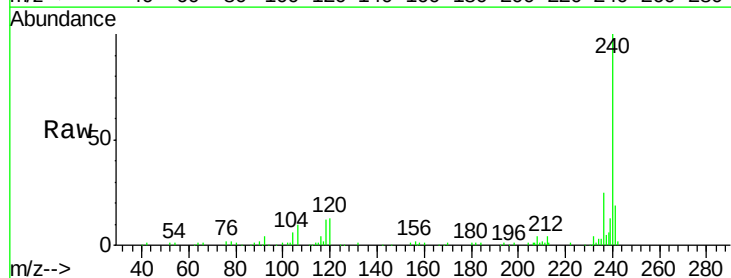


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

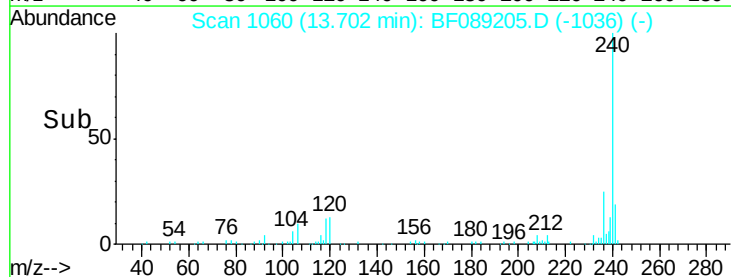
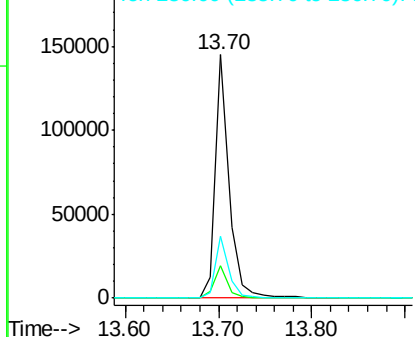


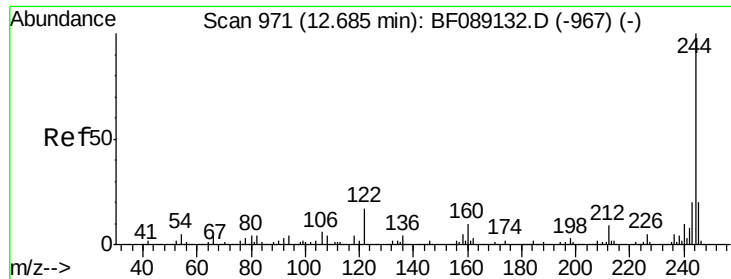
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	13.6	20.4#
236	25.5	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

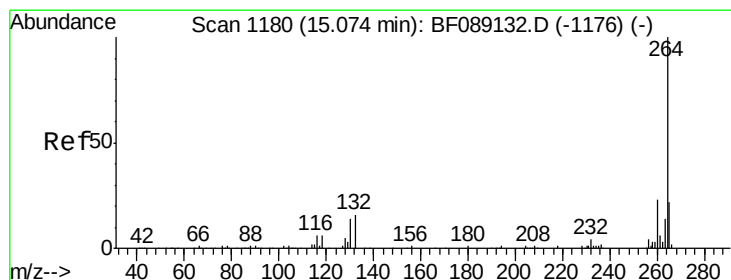
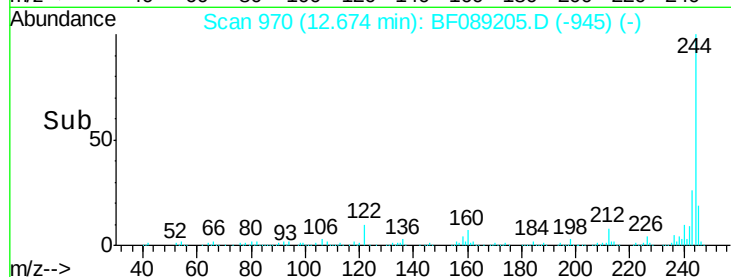
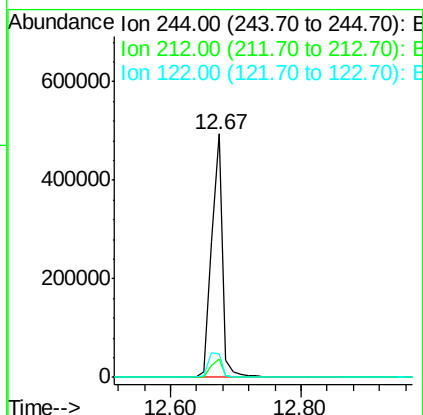
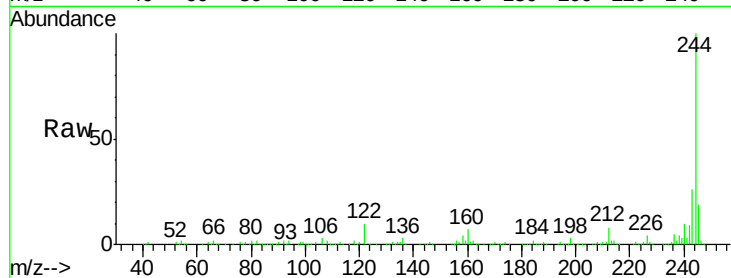




#78
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Tgt Ion:244 Resp: 578605
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.0 10.4
 122 9.7 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:264 Resp: 115005
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 20.1 17.3 25.9

