

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089145.D
 Acq On : 20 Jul 2016 21:53
 Operator : UM/SJ
 Sample : PB92305BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BL

Quant Time: Jul 21 03:09:03 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	6.60	152	54471	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	234260	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	108594	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	214338	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	166567	20.00	ng	-0.01
86) Perylene-d12	15.06	264	138188	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	360135	100.55	ng	0.01
7) Phenol-d6	6.26	99	485414	105.10	ng	-0.01
23) Nitrobenzene-d5	7.16	82	277104	62.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	99763	102.04	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	502764	63.79	ng	-0.01
78) Terphenyl-d14	12.69	244	486565	63.36	ng	0.00

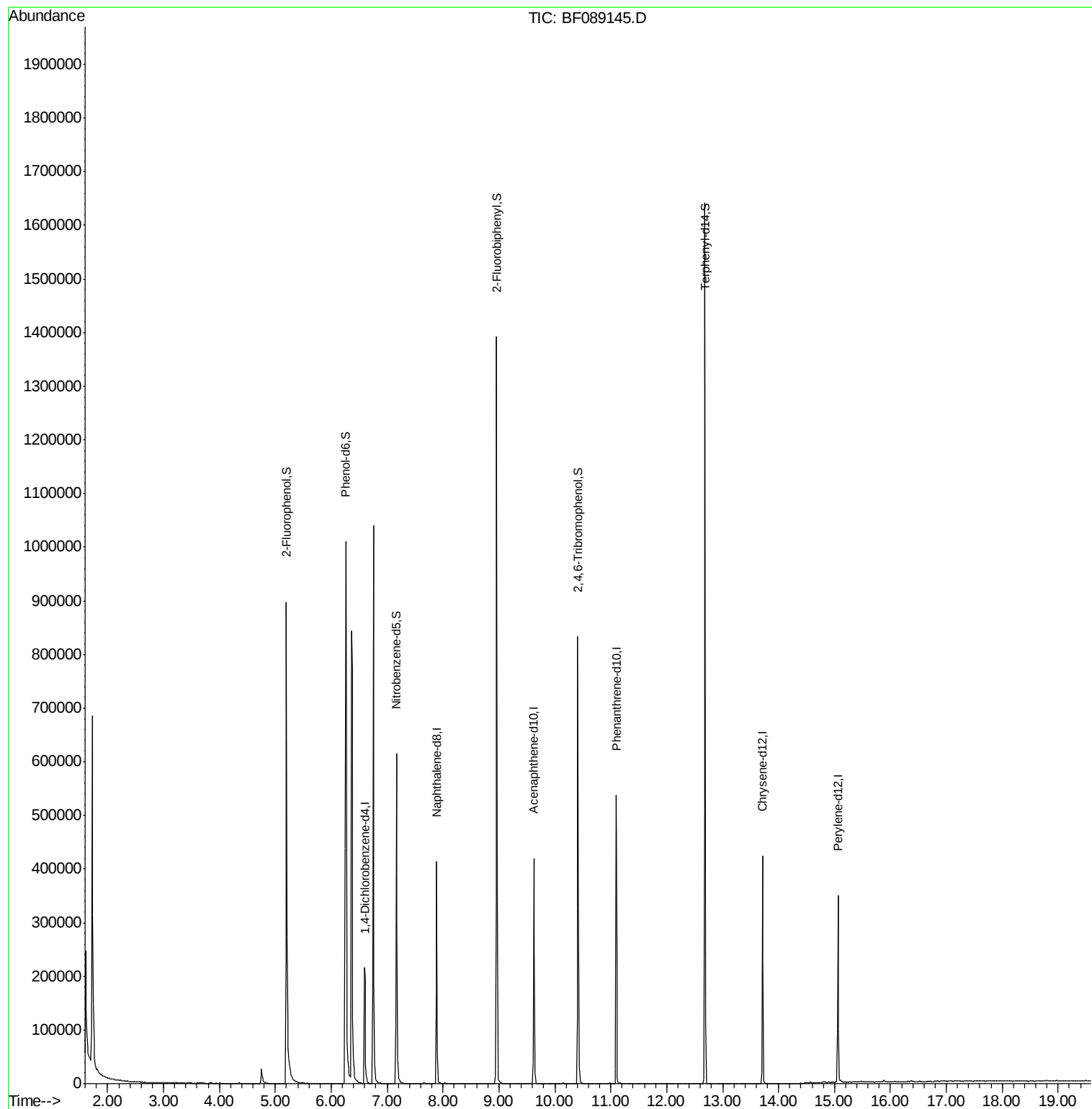
Target Compounds	Qvalue
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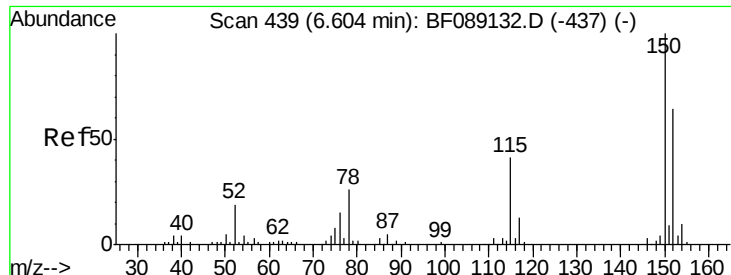
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089145.D

Acq: 20 Jul 2016 21:53

Instrument :

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ClientSampleId :

PB92305BL

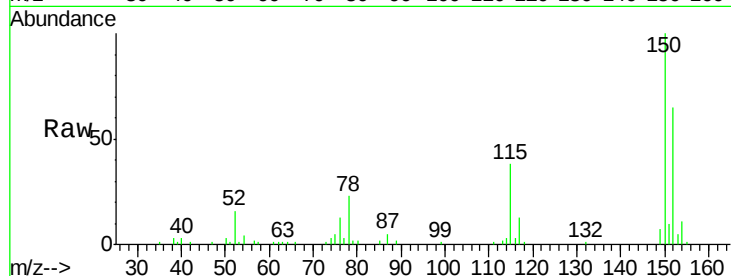
Tgt Ion:152 Resp: 54471

Ion Ratio Lower Upper

152 100

150 154.7 125.1 187.7

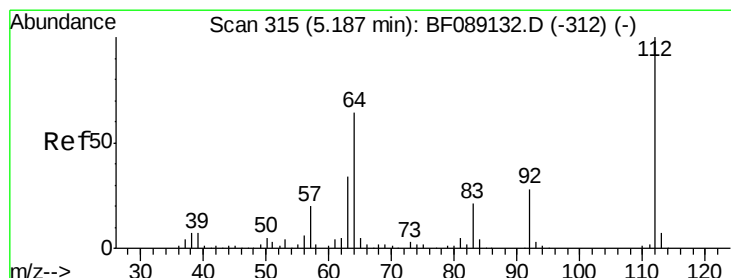
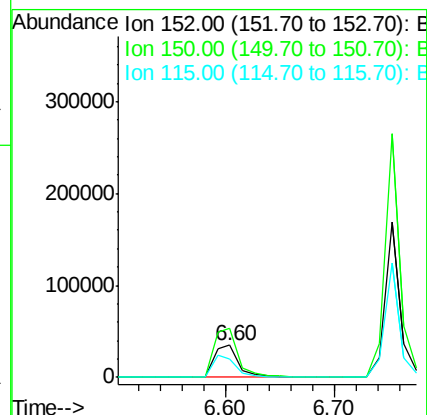
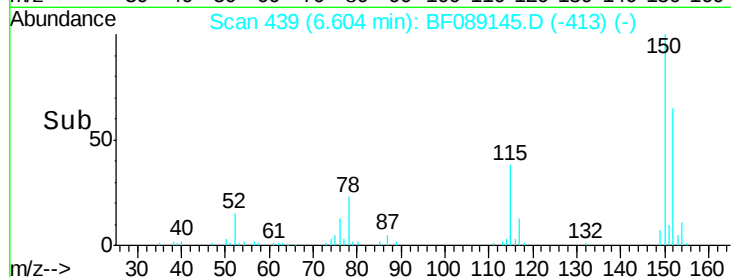
115 59.0 51.1 76.7



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: 100.55 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089145.D

Acq: 20 Jul 2016 21:53

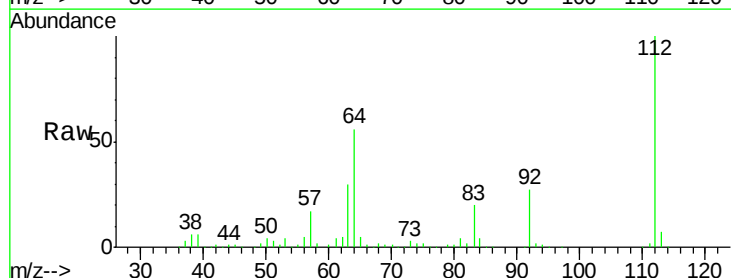
Tgt Ion:112 Resp: 360135

Ion Ratio Lower Upper

112 100

64 56.1 51.0 76.4

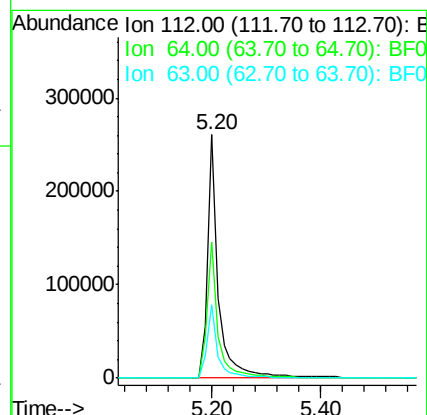
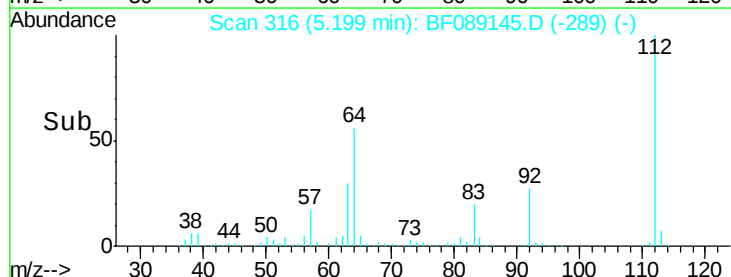
63 30.2 27.3 40.9

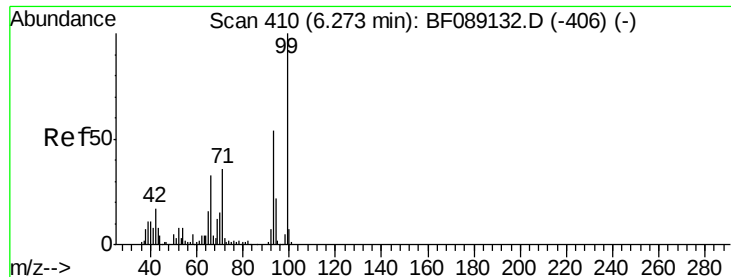


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.10 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

PB92305BL

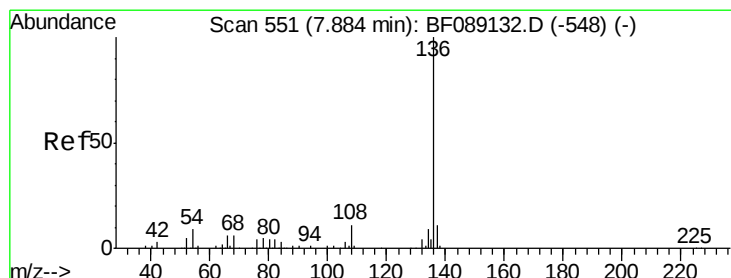
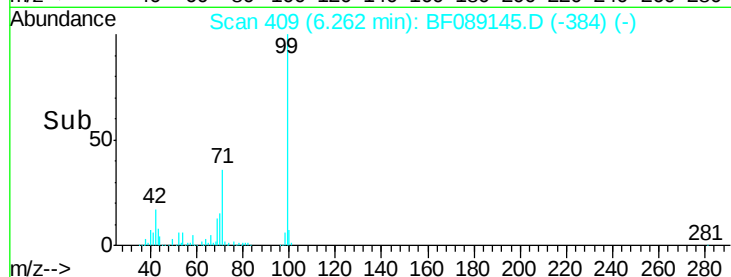
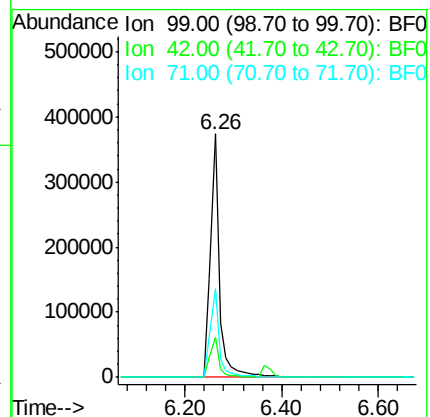
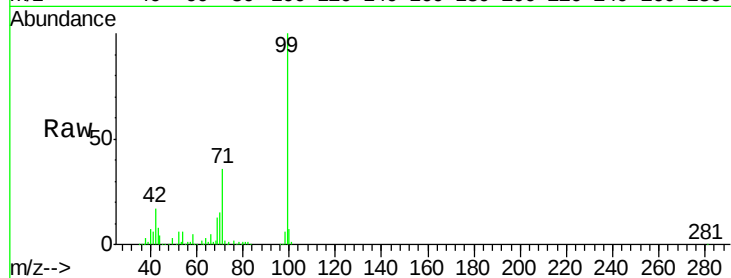
Tgt Ion: 99 Resp: 485414

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 36.5 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089145.D

Acq: 20 Jul 2016 21:53

Tgt Ion: 136 Resp: 234260

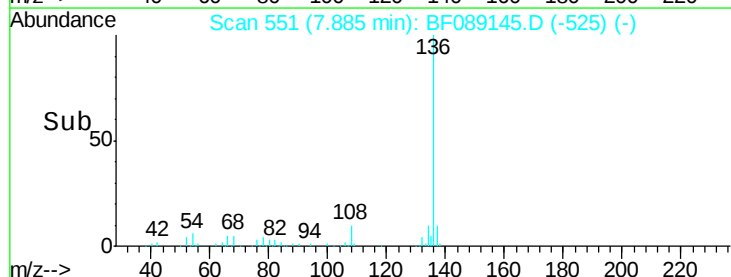
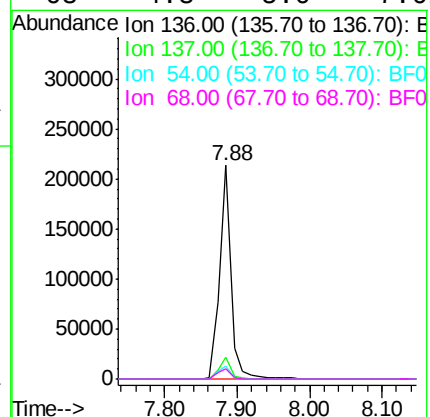
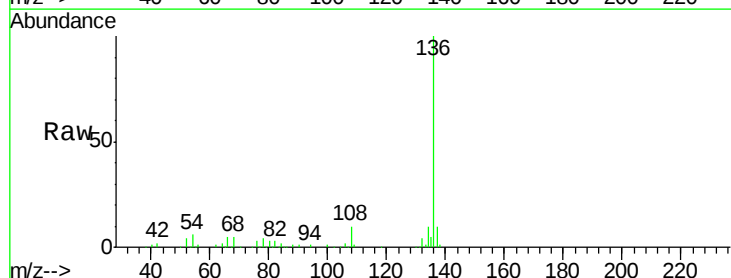
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 6.0 7.0 10.4#

68 4.8 5.0 7.6#

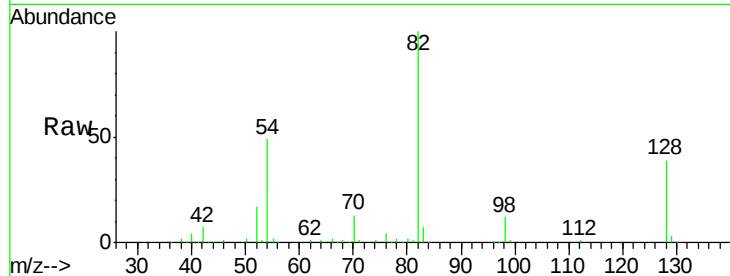




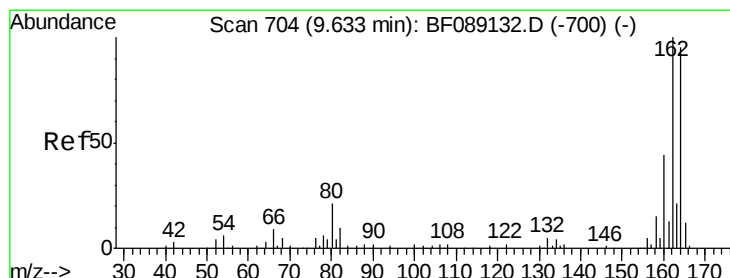
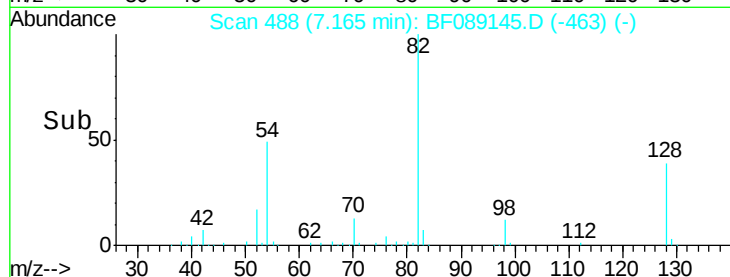
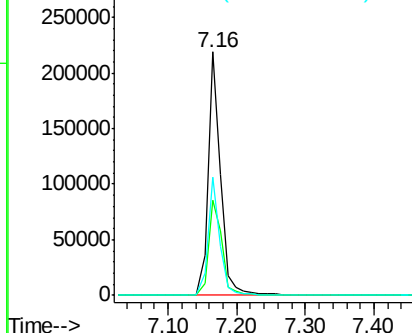
#23
 Nitrobenzene-d5
 Concen: 62.85 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.6
54	48.7	39.0	58.4

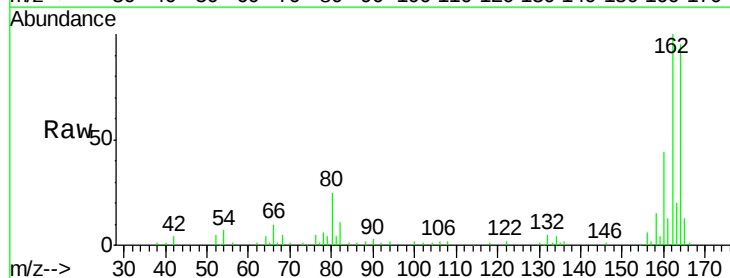


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

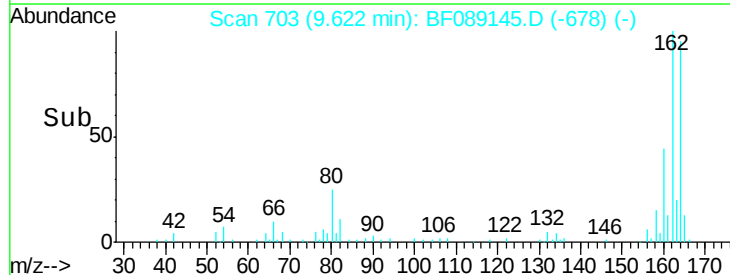
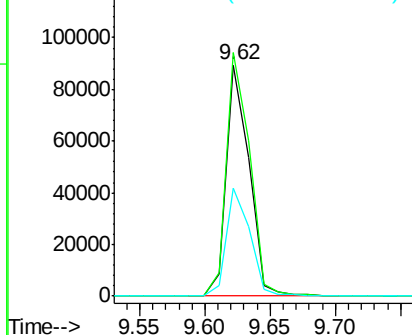


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.1	126.1
160	46.5	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

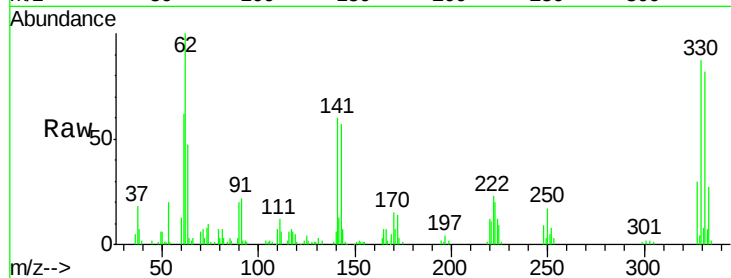




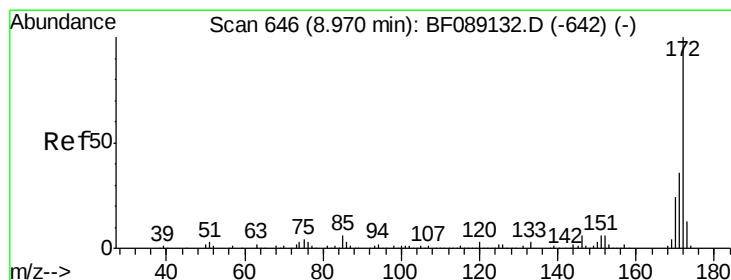
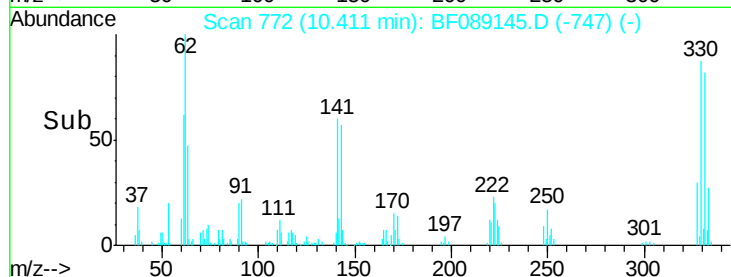
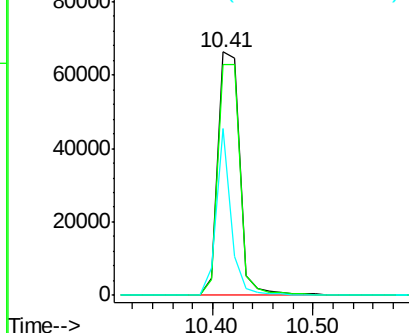
#41
 2,4,6-Tribromophenol
 Concen: 102.04 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92305BL

Tgt Ion:330 Resp: 99763
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 46.0 42.2 63.2

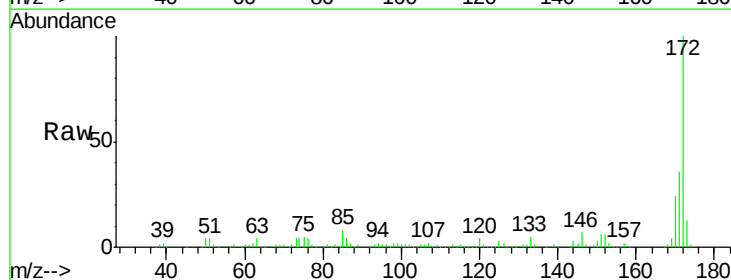


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

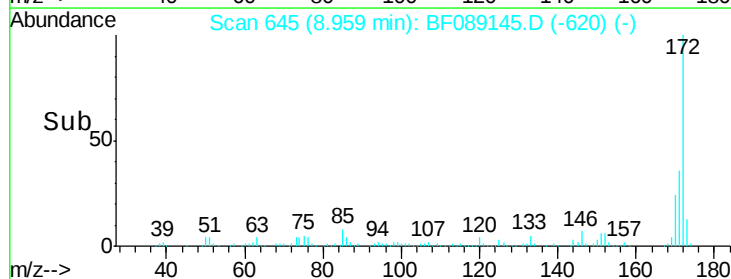
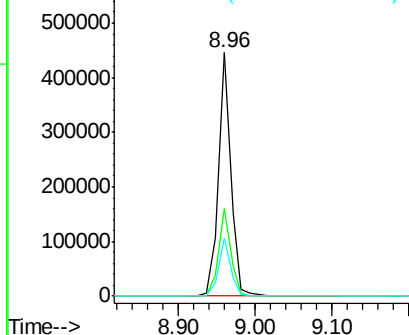


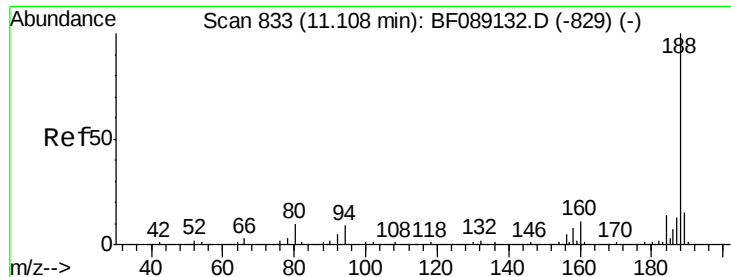
#44
 2-Fluorobiphenyl
 Concen: 63.79 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Tgt Ion:172 Resp: 502764
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

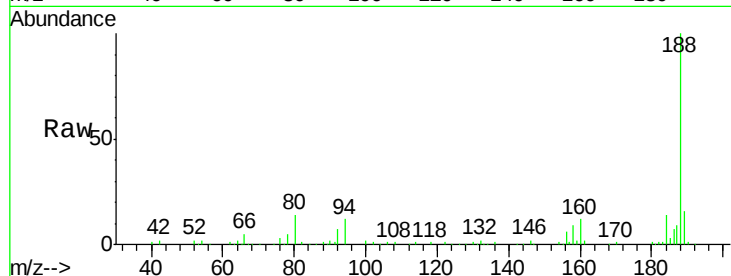




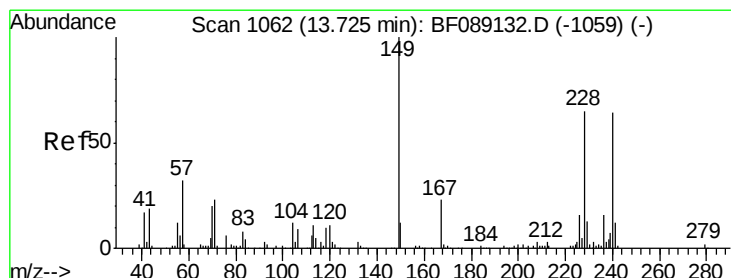
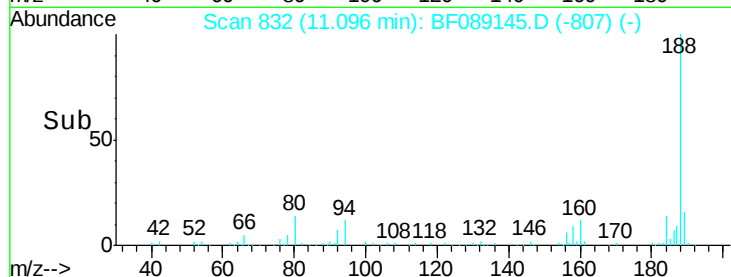
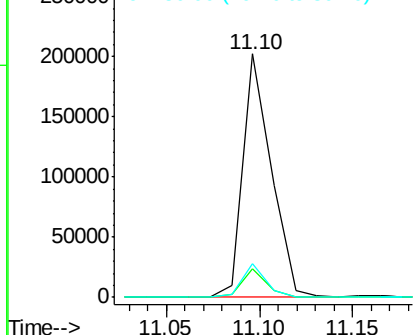
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089145.D
Acq: 20 Jul 2016 21:53

Instrument :
BNA_F
ClientSampled :
PB92305BL

Tgt Ion:188 Resp: 214338
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.4#
80 14.0 7.7 11.5#

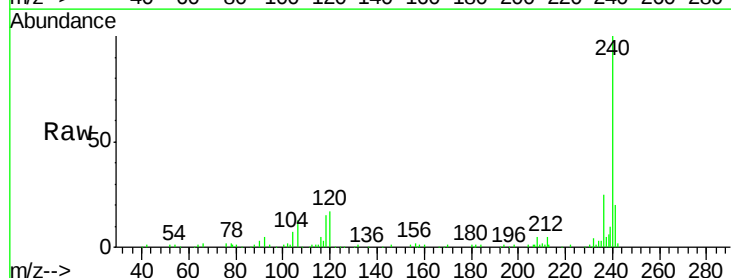


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

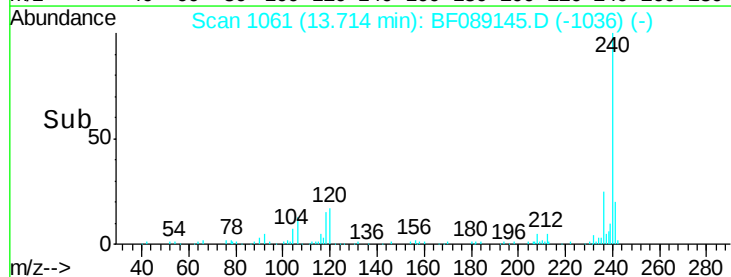
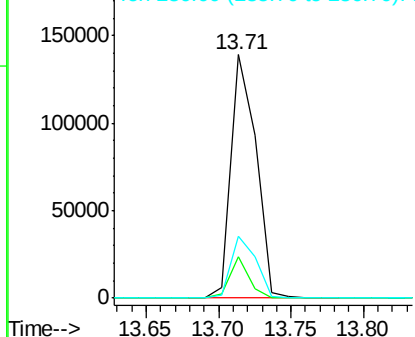


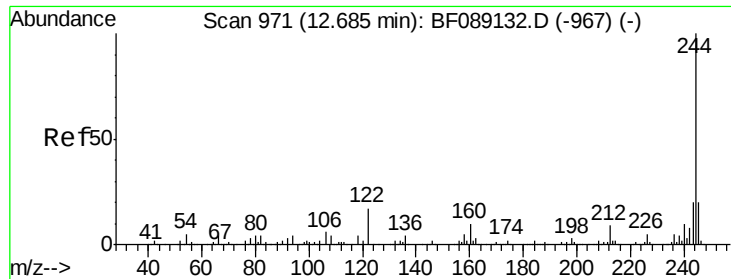
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089145.D
Acq: 20 Jul 2016 21:53

Tgt Ion:240 Resp: 166567
Ion Ratio Lower Upper
240 100
120 16.9 13.6 20.4
236 25.2 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

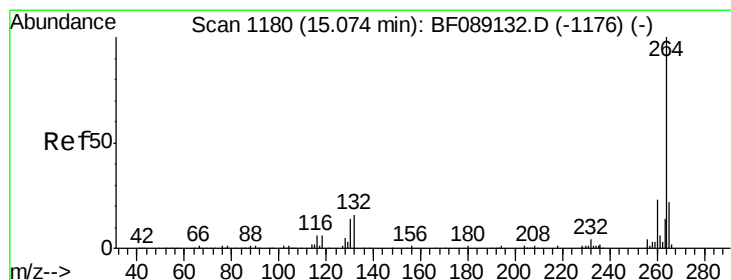
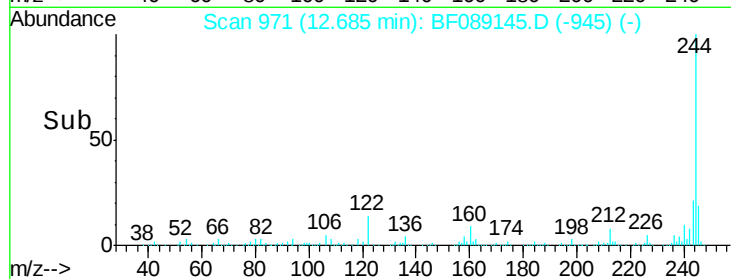
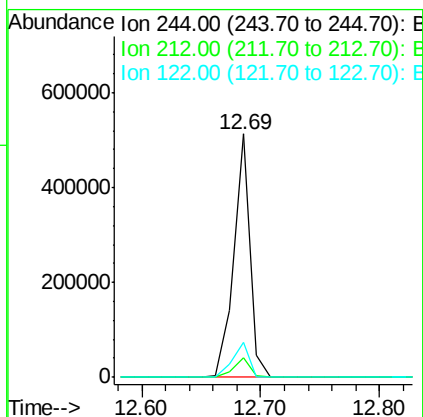
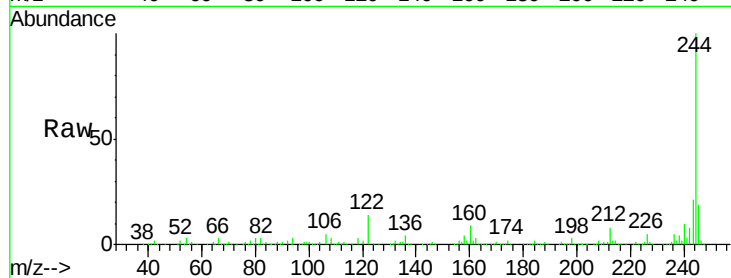




#78
 Terphenyl-d14
 Concen: 63.36 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Instrument :
 BNA_F
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 PB92305BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	14.4	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089145.D
 Acq: 20 Jul 2016 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.0	17.3	25.9

