

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089223.D
 Acq On : 23 Jul 2016 7:52
 Operator : UM/SJ
 Sample : H4129-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 25 03:39:41 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	45045	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	198230	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95188	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	185377	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	143289	20.00	ng	-0.02
86) Perylene-d12	15.05	264	103401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	152268	51.41	ng	-0.03
7) Phenol-d6	6.23	99	128595	33.67	ng	-0.05
23) Nitrobenzene-d5	7.15	82	360276	96.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	118462	138.23	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	676206	97.88	ng	-0.02
78) Terphenyl-d14	12.67	244	597148	90.39	ng	-0.01

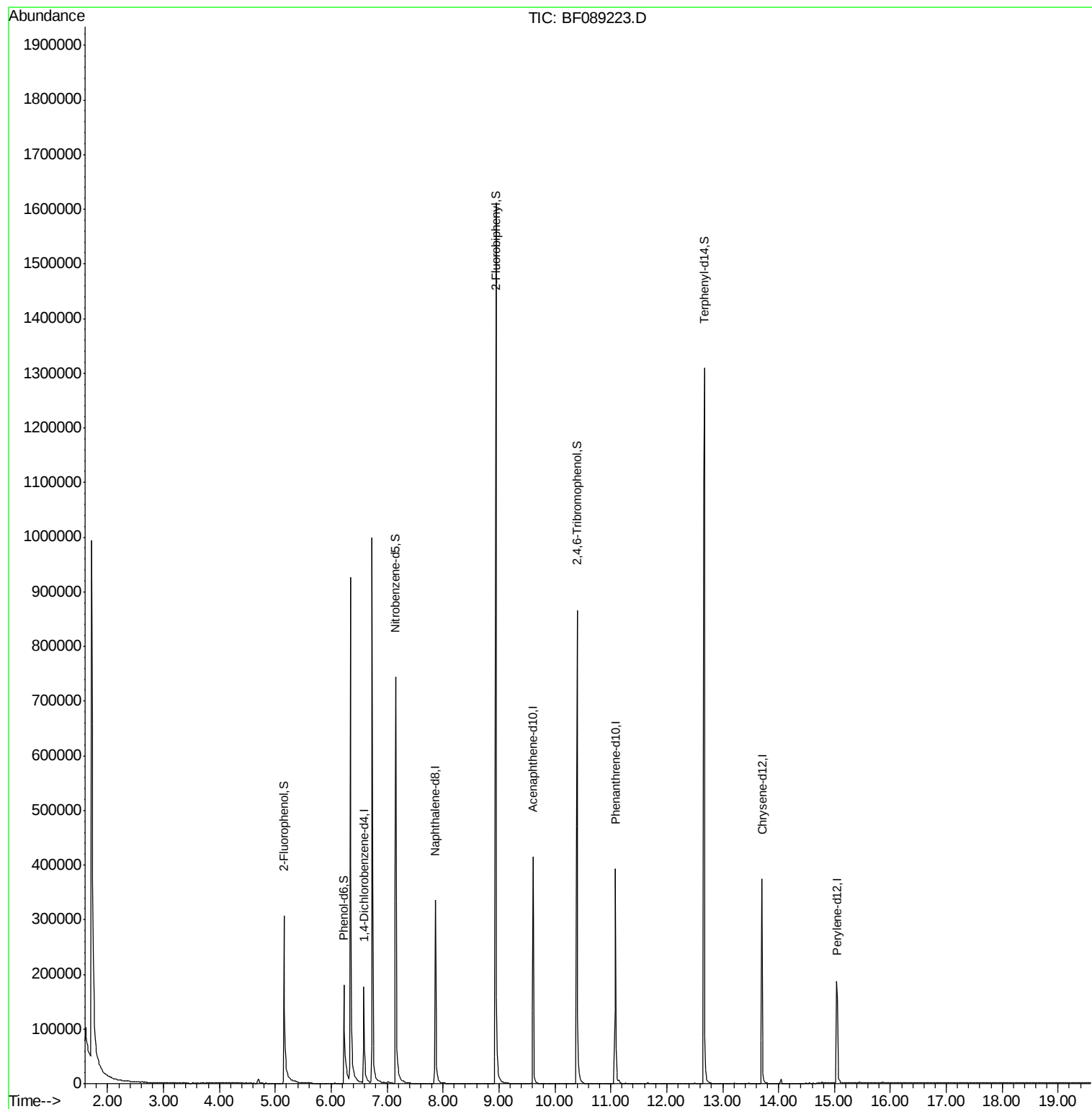
Target Compounds	Qvalue
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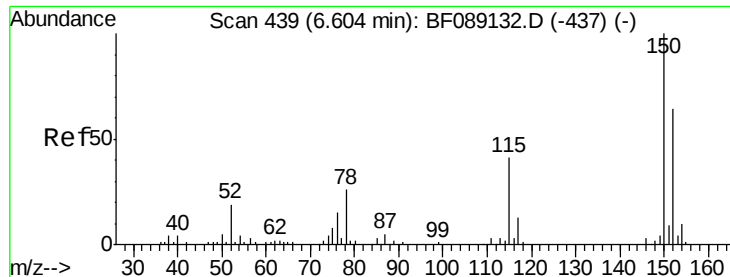
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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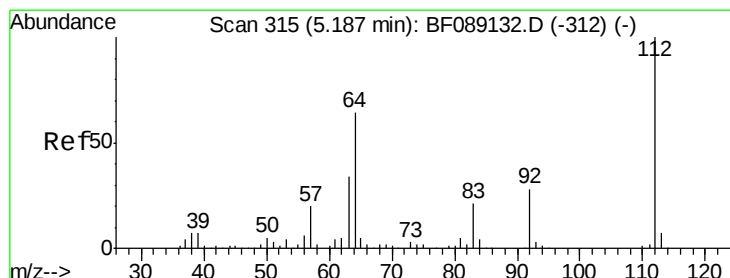
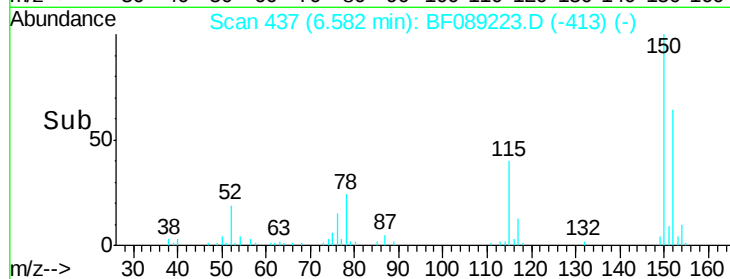
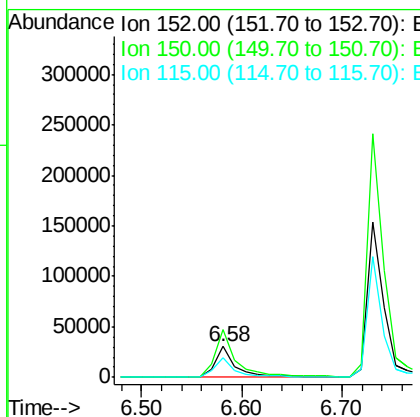
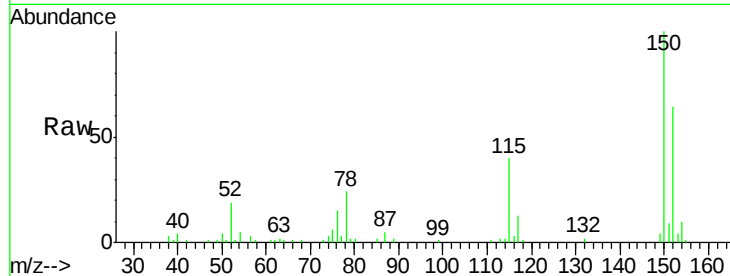




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089223.D
 Acq: 23 Jul 2016 7:52

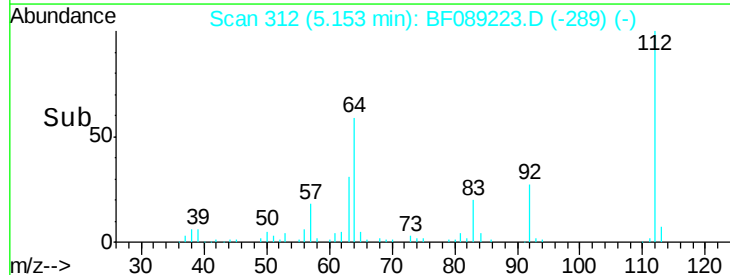
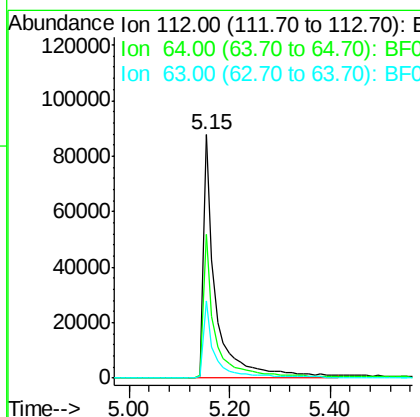
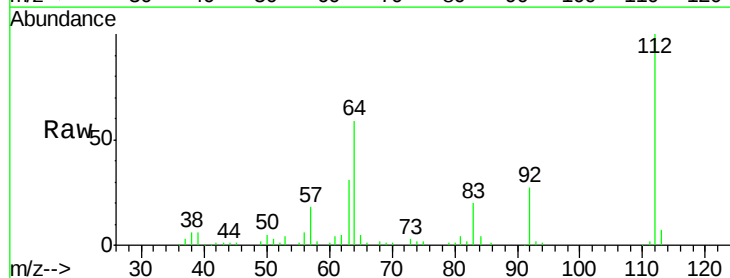
Instrument :
 BNA_F
 ClientSampleId :
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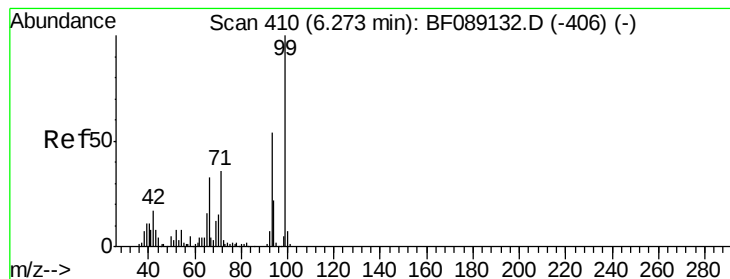
Tgt Ion:152 Resp: 45045
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 62.2 51.1 76.7



#5
 2-Fluorophenol
 Concen: 51.41 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089223.D
 Acq: 23 Jul 2016 7:52

Tgt Ion:112 Resp: 152268
 Ion Ratio Lower Upper
 112 100
 64 59.0 51.0 76.4
 63 31.5 27.3 40.9





#7

Phenol-d6

Concen: 33.67 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089223.D

Acq: 23 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

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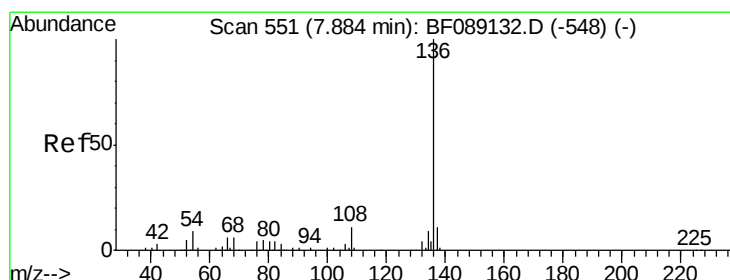
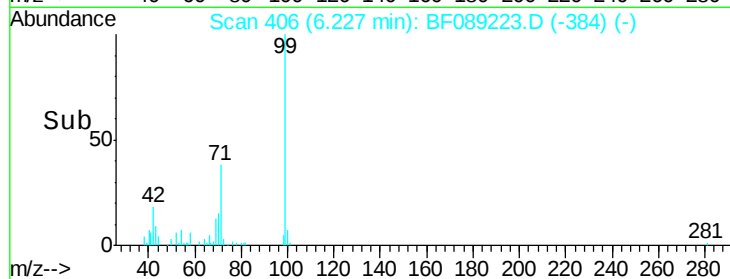
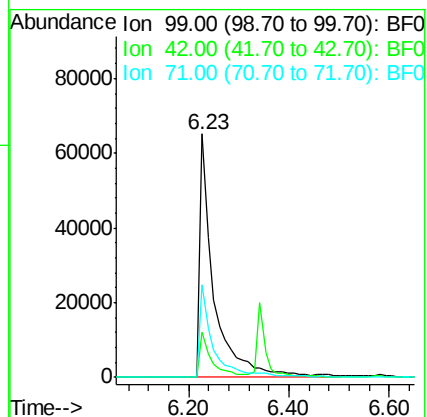
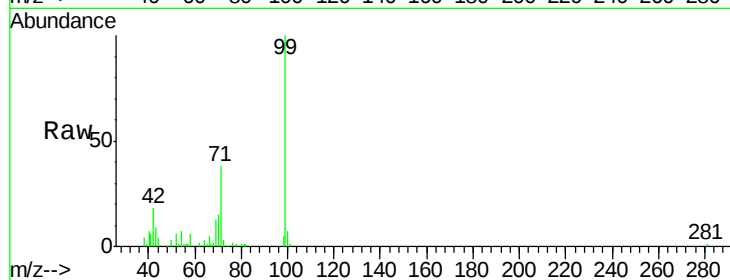
Tgt Ion: 99 Resp: 128595

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

71 38.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089223.D

Acq: 23 Jul 2016 7:52

Tgt Ion: 136 Resp: 198230

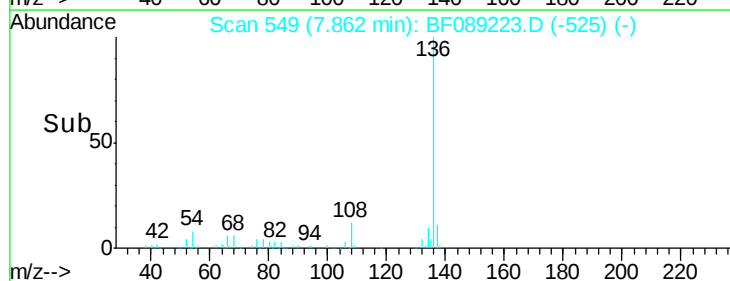
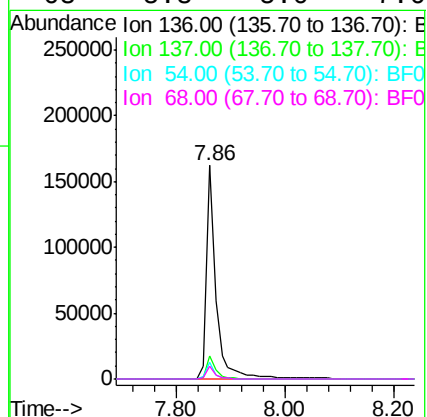
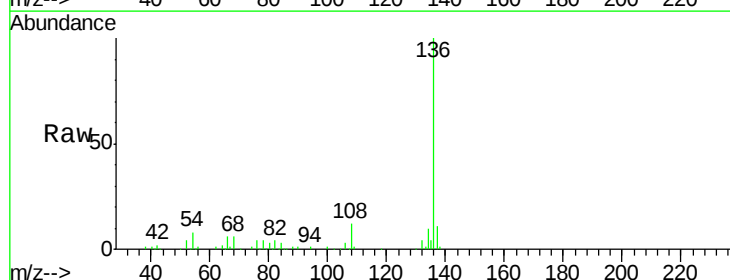
Ion Ratio Lower Upper

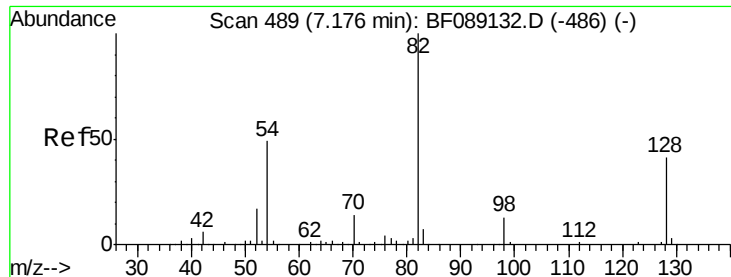
136 100

137 11.0 8.8 13.2

54 7.7 7.0 10.4

68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 96.57 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089223.D

Acq: 23 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

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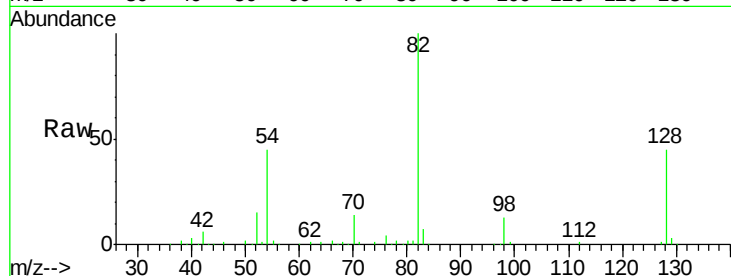
Tgt Ion: 82 Resp: 360276

Ion Ratio Lower Upper

82 100

128 45.3 33.0 49.6

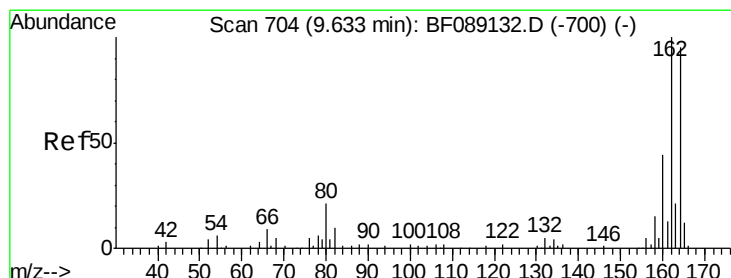
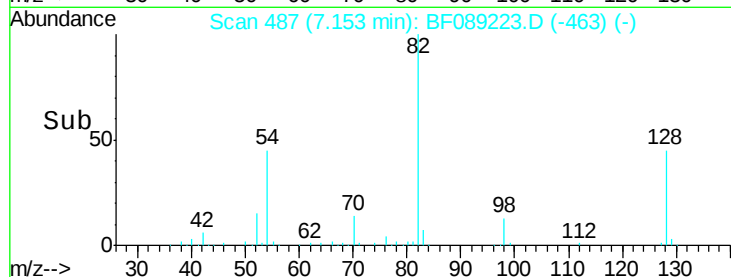
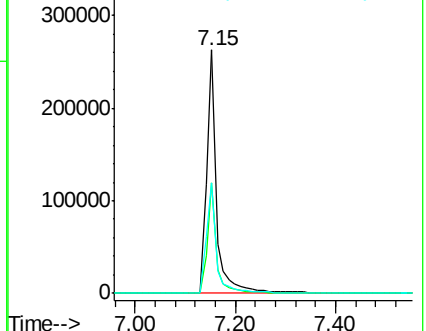
54 45.5 39.0 58.4



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: BF089223.D

Acq: 23 Jul 2016 7:52

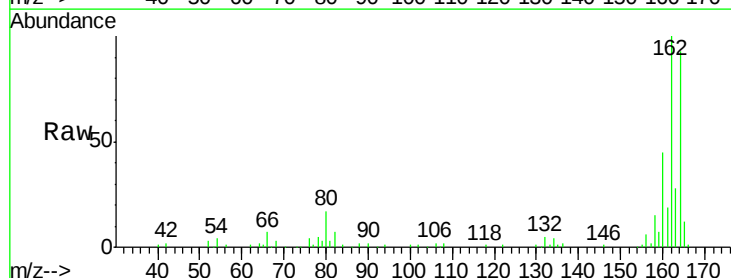
Tgt Ion: 164 Resp: 95188

Ion Ratio Lower Upper

164 100

162 107.6 84.1 126.1

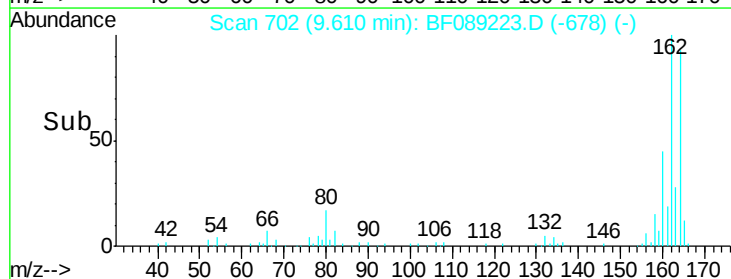
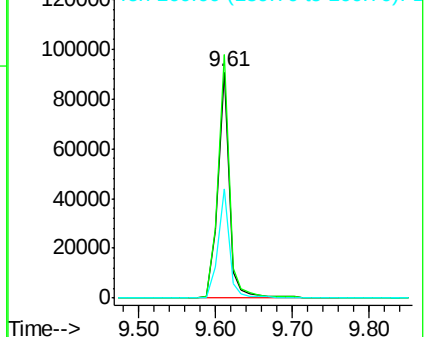
160 48.0 37.1 55.7

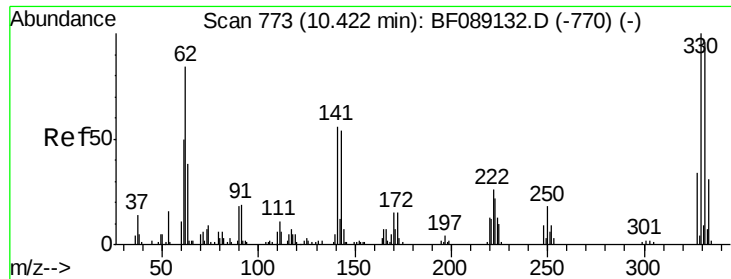


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

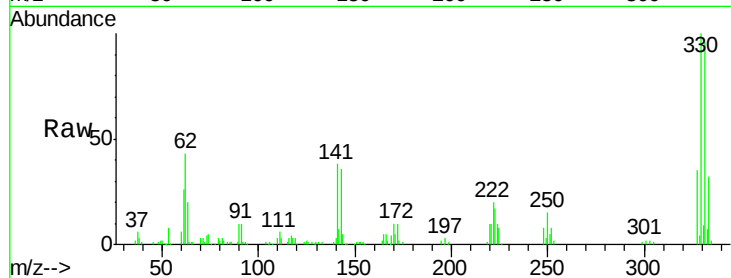




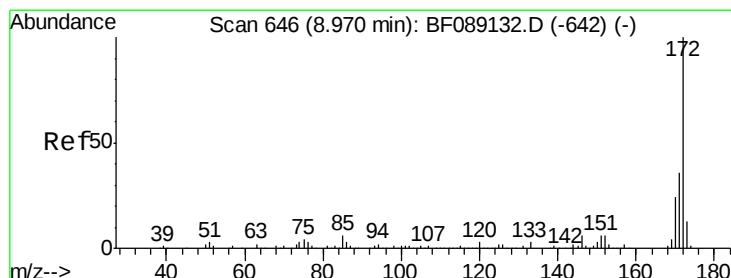
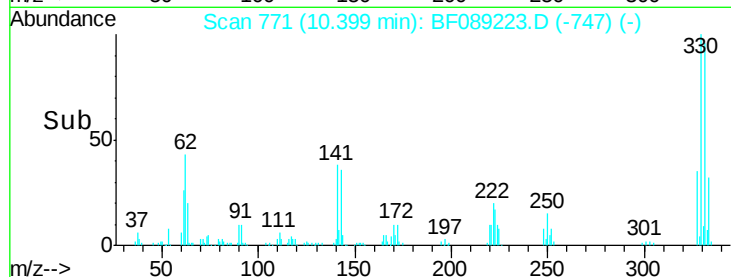
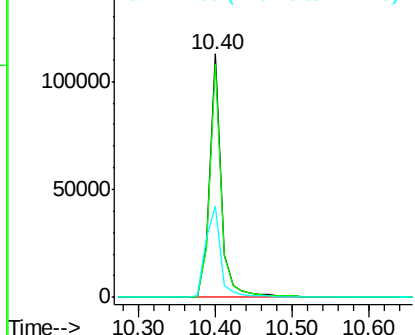
#41
 2,4,6-Tribromophenol
 Concen: 138.23 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089223.D
 Acq: 23 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 118462
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 48.1 42.2 63.2

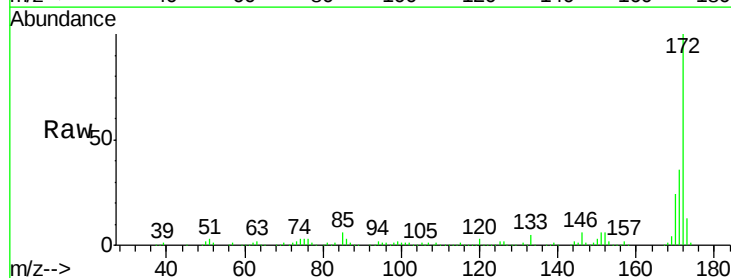


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

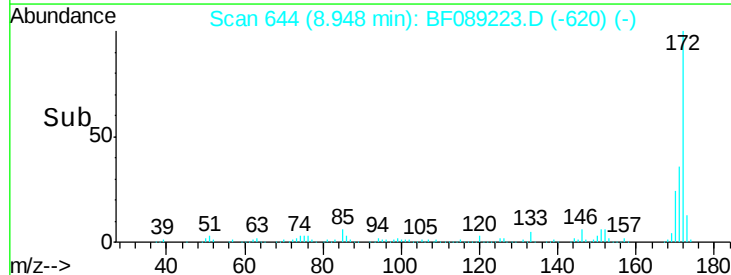
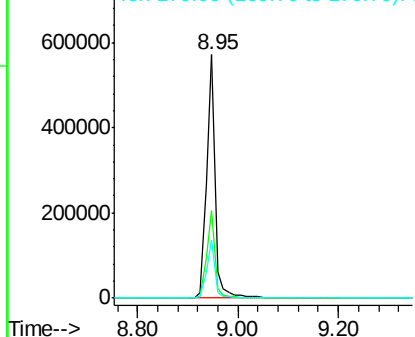


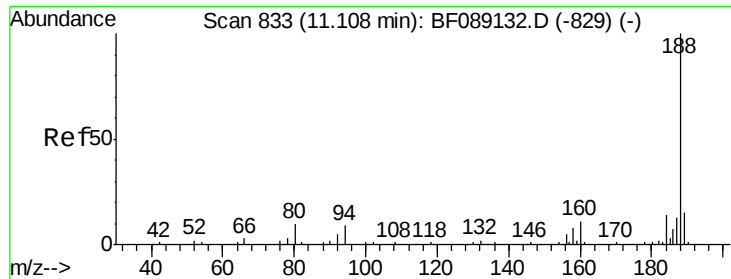
#44
 2-Fluorobiphenyl
 Concen: 97.88 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089223.D
 Acq: 23 Jul 2016 7:52

Tgt Ion:172 Resp: 676206
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.7 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

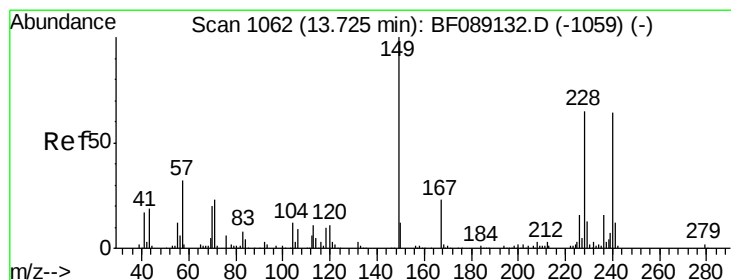
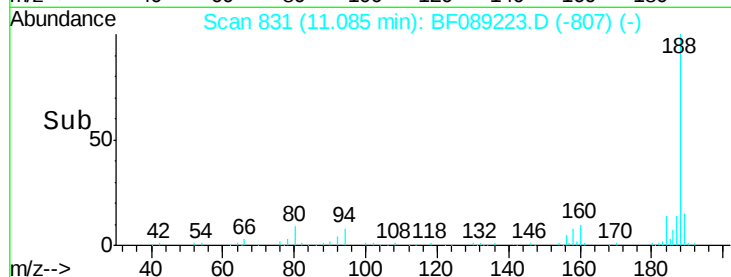
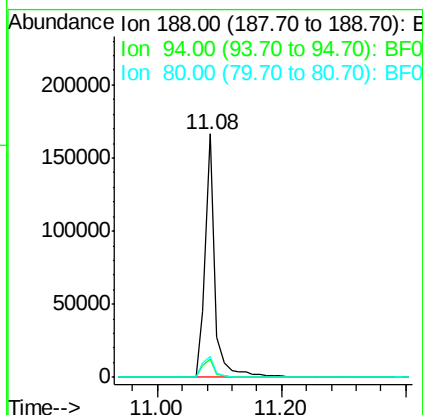
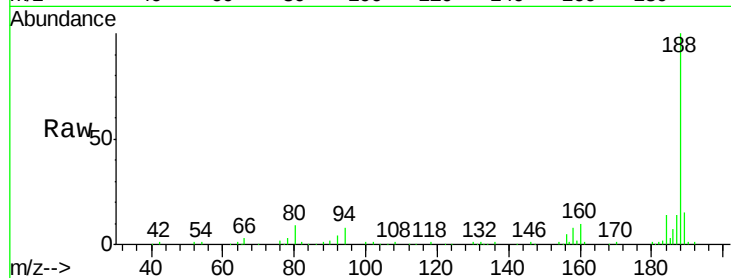




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089223.D
Acq: 23 Jul 2016 7:52

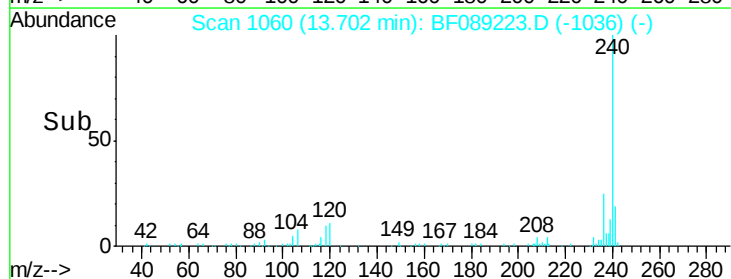
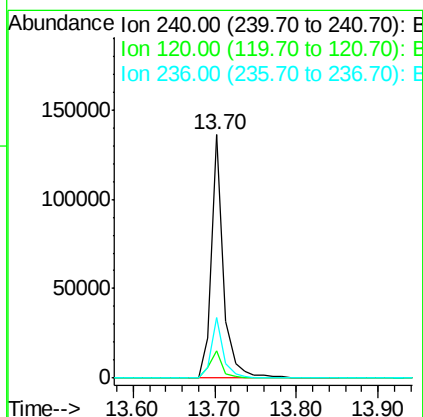
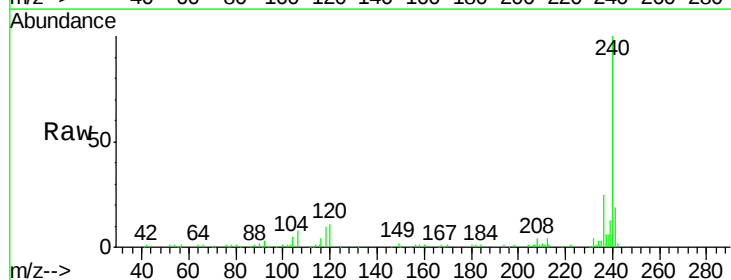
Instrument :
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ClientSampleId :
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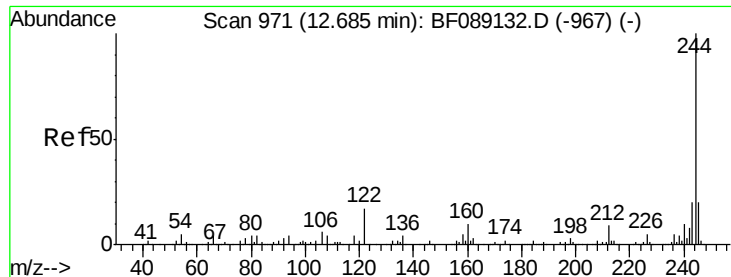
Tgt Ion:188 Resp: 185377
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089223.D
Acq: 23 Jul 2016 7:52

Tgt Ion:240 Resp: 143289
Ion Ratio Lower Upper
240 100
120 11.2 13.6 20.4#
236 25.0 20.5 30.7

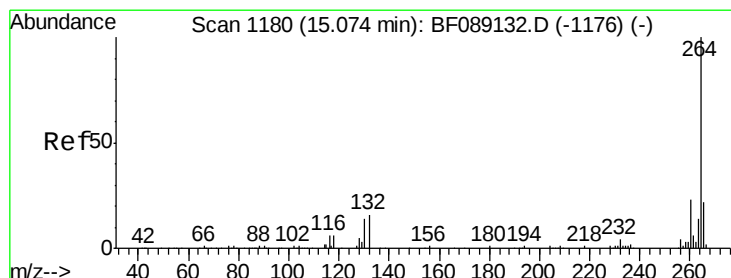
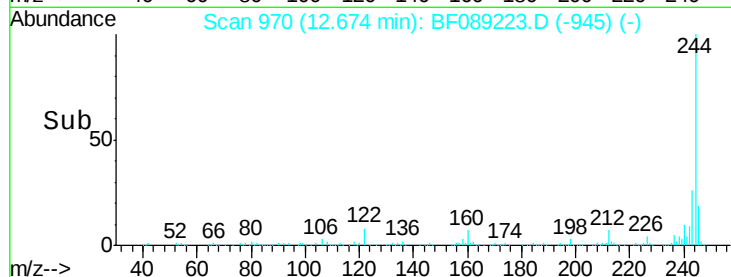
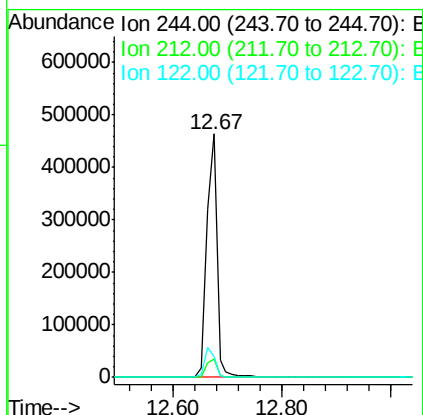
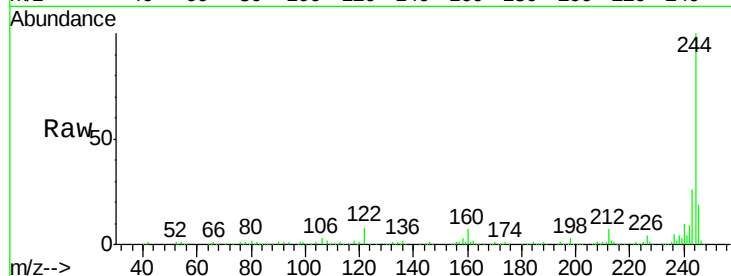




#78
 Terphenyl-d14
 Concen: 90.39 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089223.D
 Acq: 23 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	8.4	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: BF089223.D
 Acq: 23 Jul 2016 7:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.5	17.3	25.9

