

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089086.D
 Acq On : 18 Jul 2016 17:11
 Operator : UM/SJ
 Sample : H3951-15 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(2-4ft)

Quant Time: Jul 19 03:42:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	61580	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	215915	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	90654	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	140891	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	112588	20.00	ng	0.00
86) Perylene-d12	15.13	264	100856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	32707	7.96	ng	0.00
7) Phenol-d6	6.28	99	47293	8.91	ng	-0.01
23) Nitrobenzene-d5	7.20	82	28574	6.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	5636	6.70	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	49869	8.69	ng	0.00
78) Terphenyl-d14	12.73	244	29923	5.92	ng	0.00

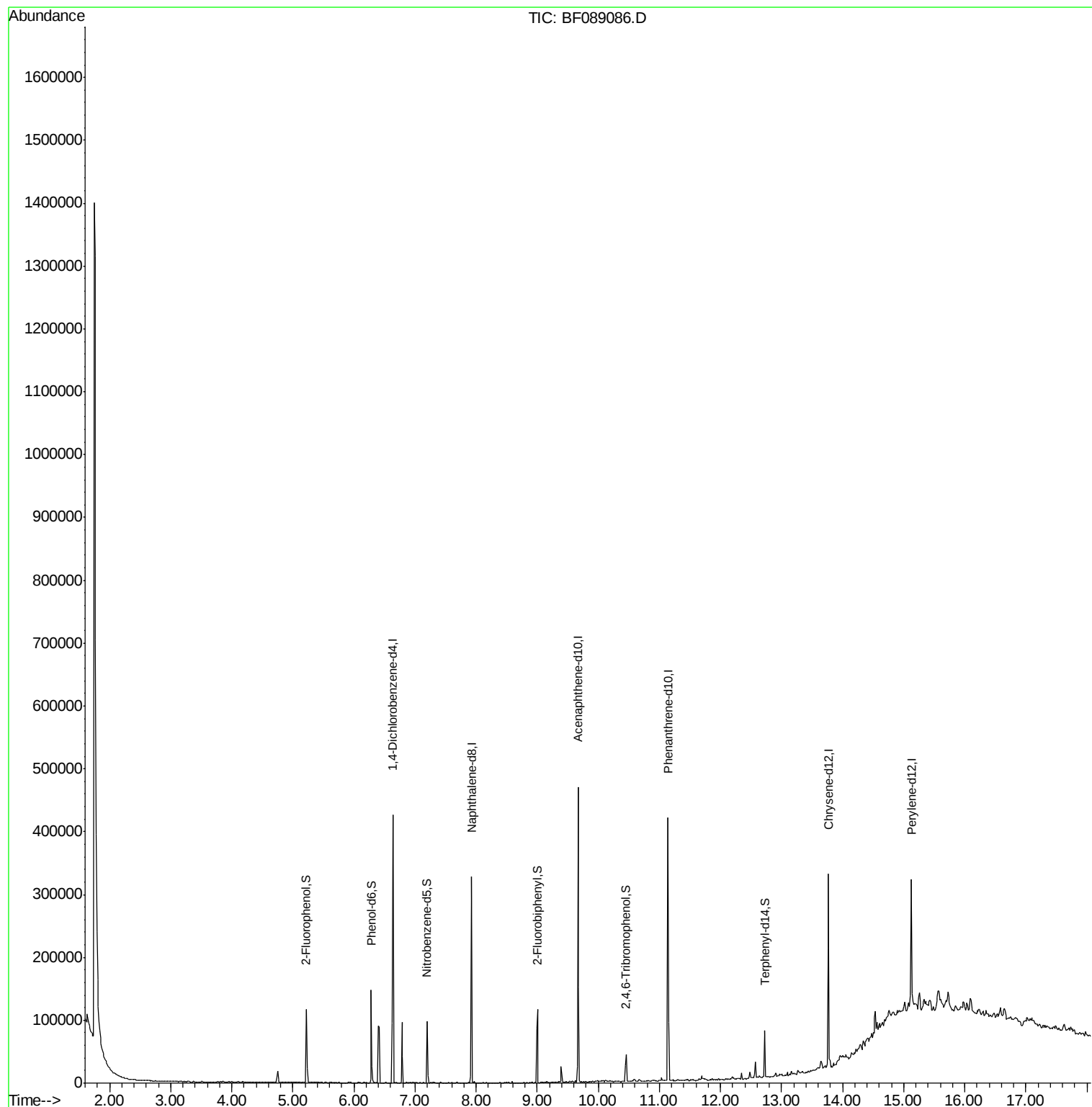
Target Compounds Qvalue

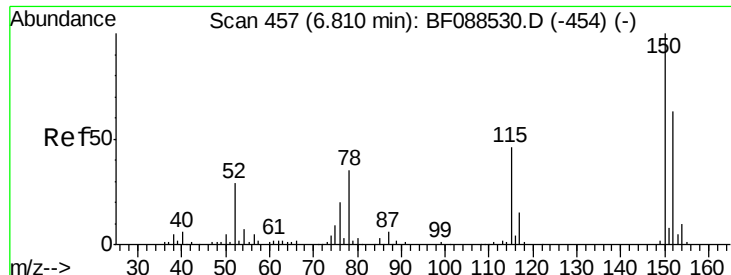
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 03:29:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089086.D

Acq: 18 Jul 2016 17:11

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(2-4ft)

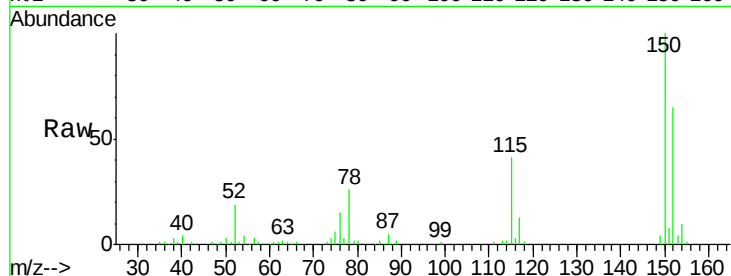
Tot Ion:152 Resp: 61580

Ion Ratio Lower Upper

152 100

150 153.0 123.8 185.6

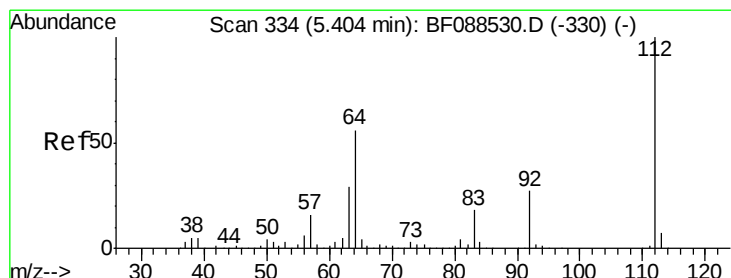
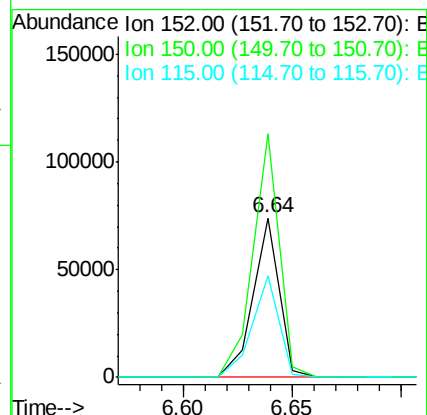
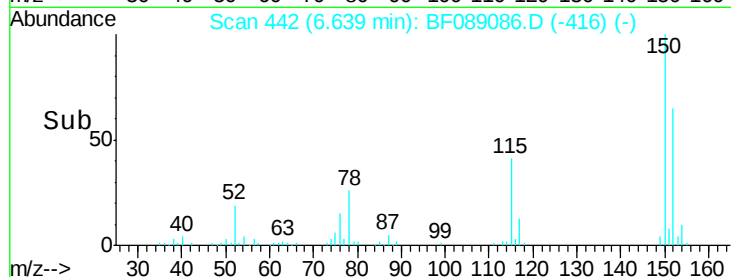
115 63.4 39.6 59.4#



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: 7.96 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF089086.D

Acq: 18 Jul 2016 17:11

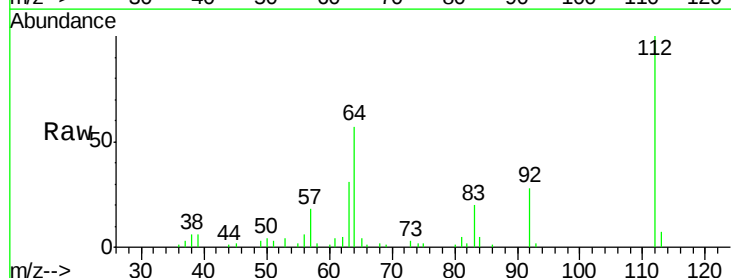
Tgt Ion:112 Resp: 32707

Ion Ratio Lower Upper

112 100

64 57.1 42.2 63.2

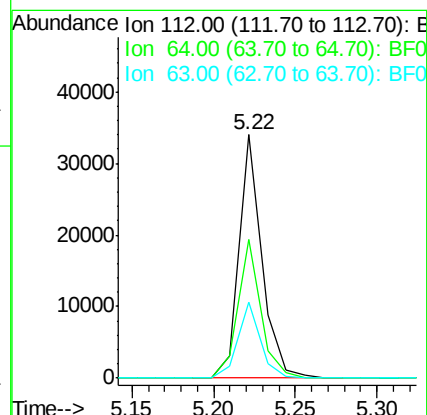
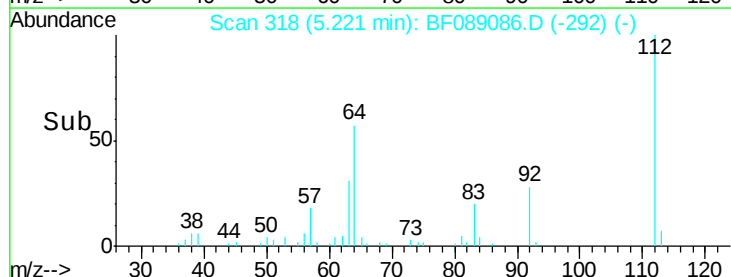
63 31.2 21.8 32.8

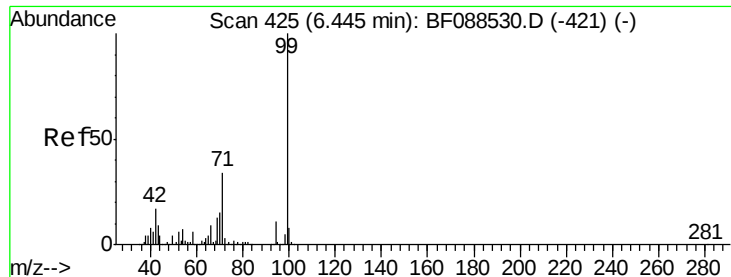


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.91 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089086.D

Acq: 18 Jul 2016 17:11

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(2-4ft)

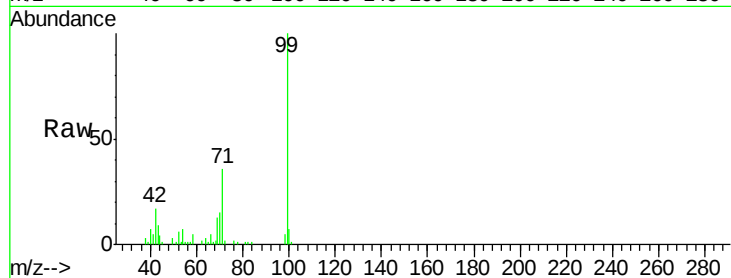
Tot Ion: 99 Resp: 47293

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

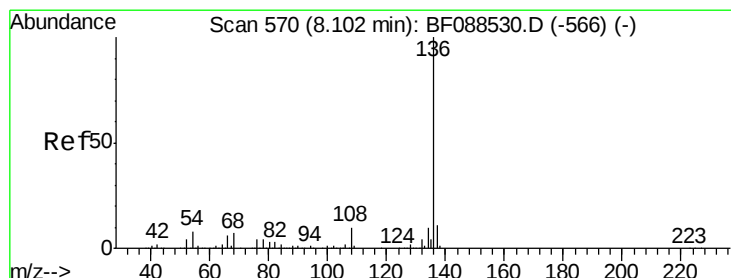
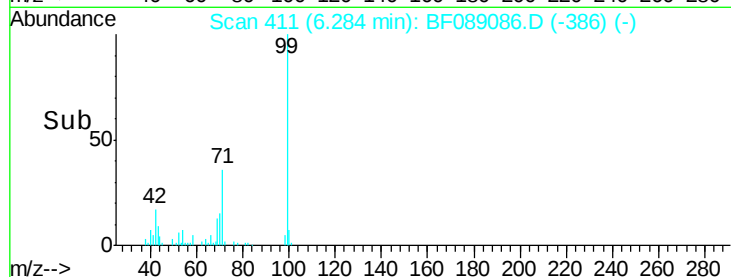
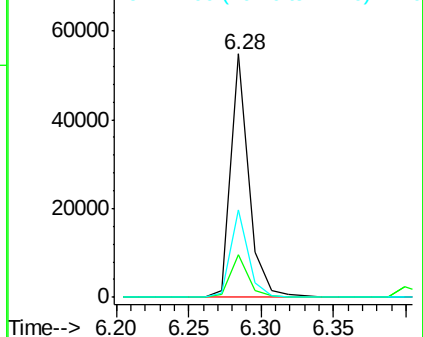
71 35.9 23.4 35.0#



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: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089086.D

Acq: 18 Jul 2016 17:11

Tgt Ion: 136 Resp: 215915

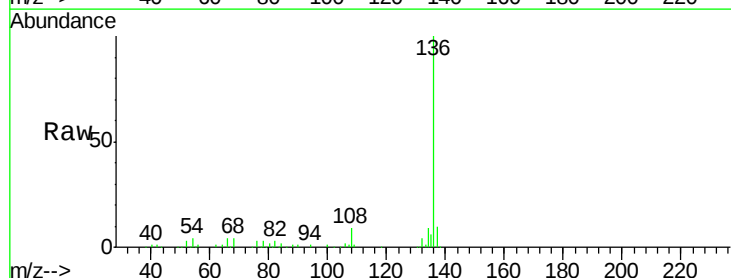
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.4 6.6 10.0#

68 3.8 5.1 7.7#

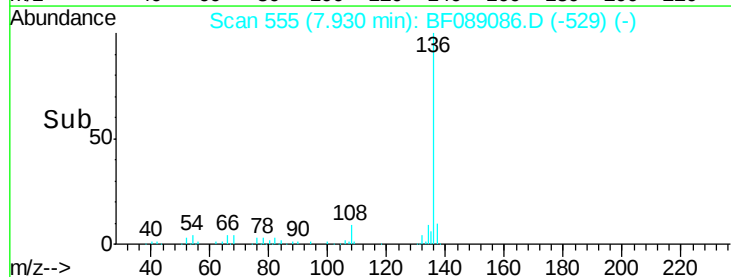
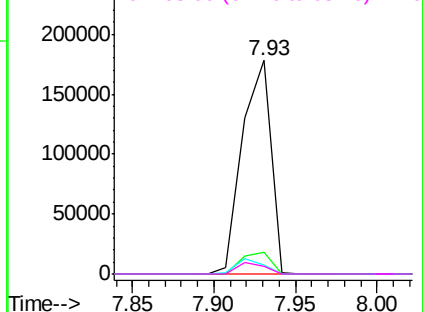


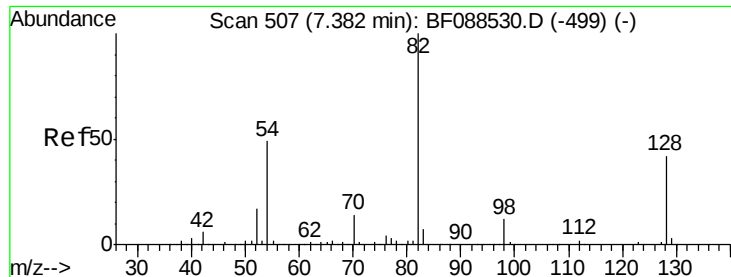
Abundance Ion 136.00 (135.70 to 136.70): E

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

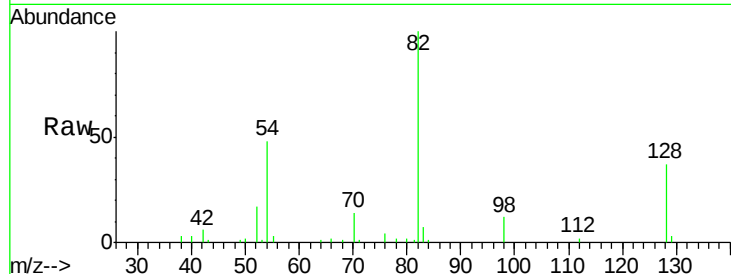




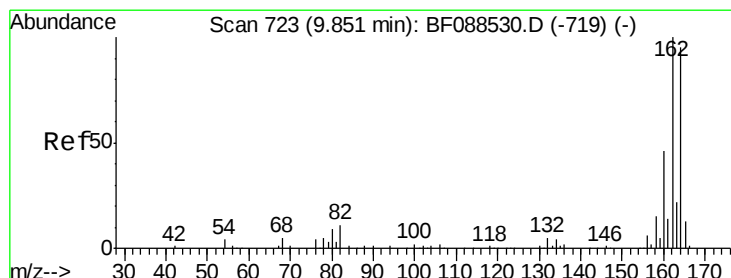
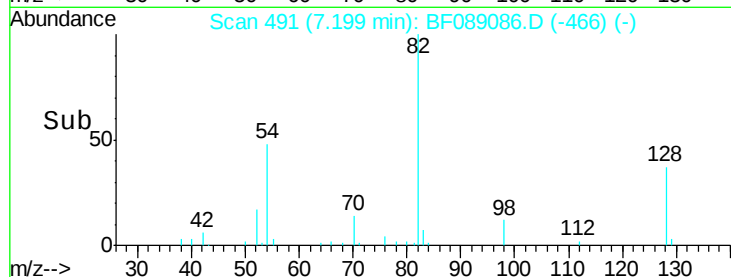
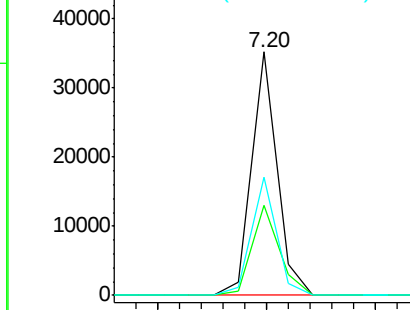
#23
 Nitrobenzene-d5
 Concen: 6.94 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(2-4ft)

Tot Ion	82	Resp	28574
Ion Ratio	Lower	Upper	
82	100		
128	36.9	35.9	53.9
54	48.4	40.9	61.3

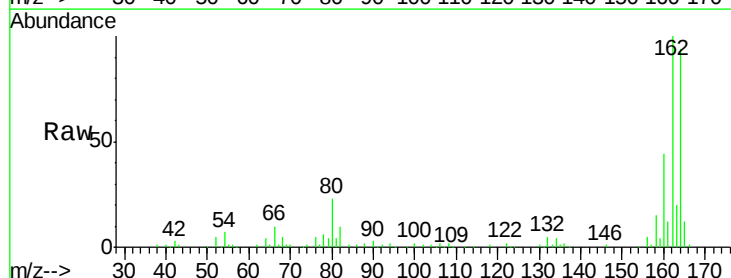


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

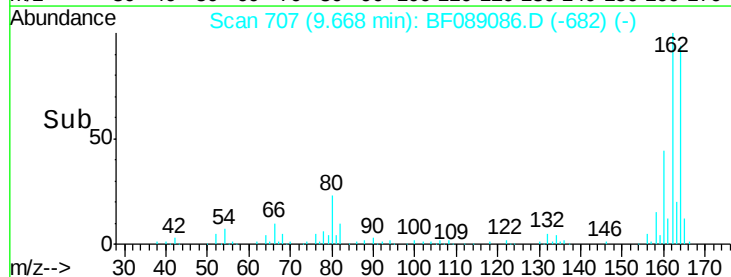
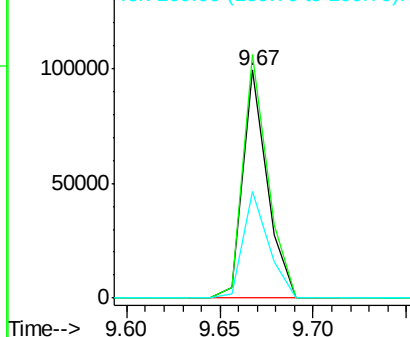


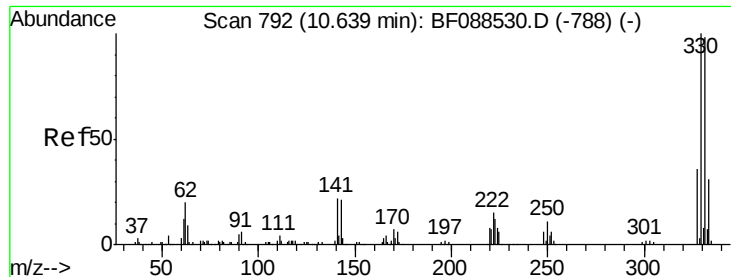
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Tgt Ion	164	Resp	90654
Ion Ratio	Lower	Upper	
164	100		
162	106.9	85.4	128.2
160	46.9	39.5	59.3



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

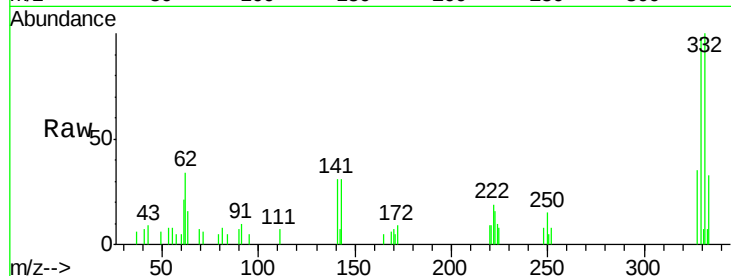




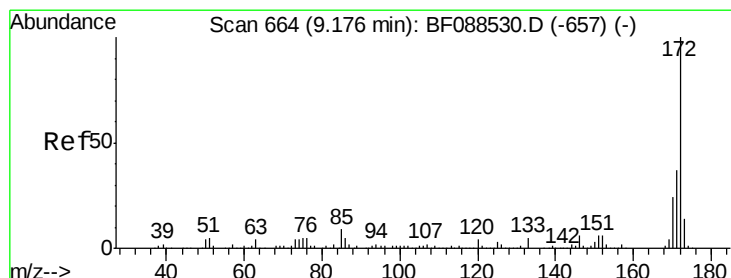
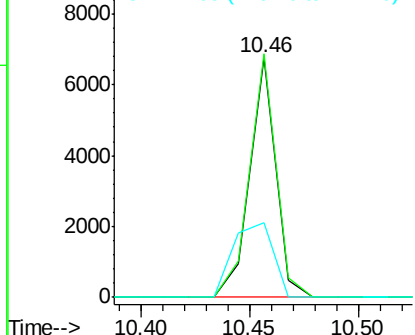
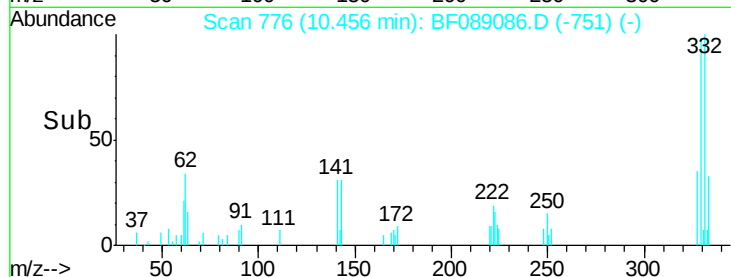
#41
 2,4,6-Tribromophenol
 Concen: 6.70 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(2-4ft)

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.1	0.0	0.0#
141	47.7	0.0	0.0#

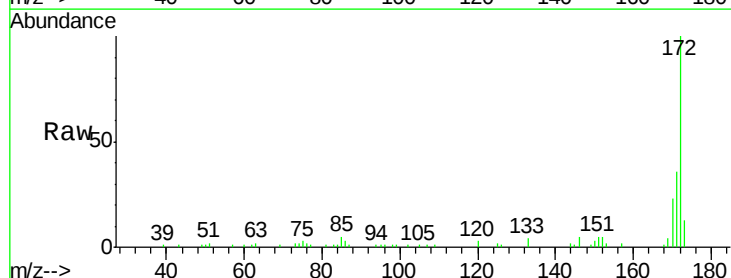


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

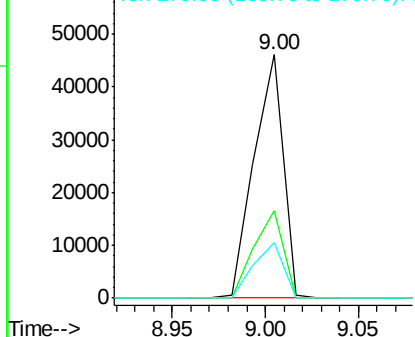
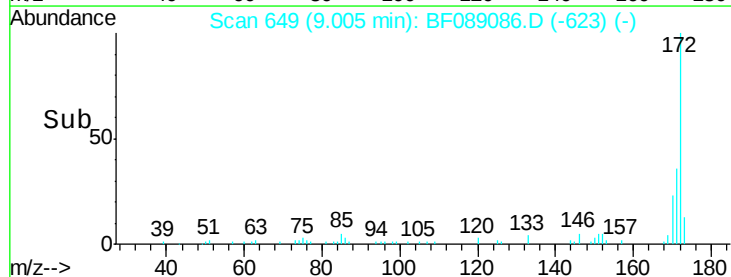


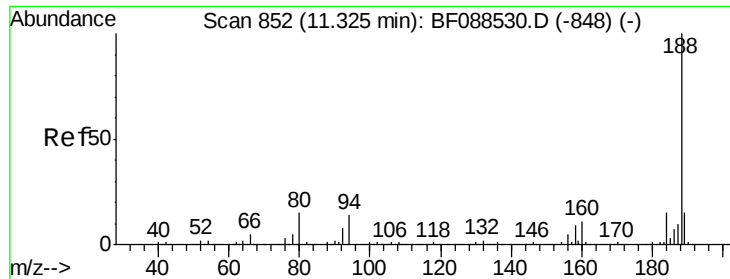
#44
 2-Fluorobiphenyl
 Concen: 8.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	22.9	19.2	28.8



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

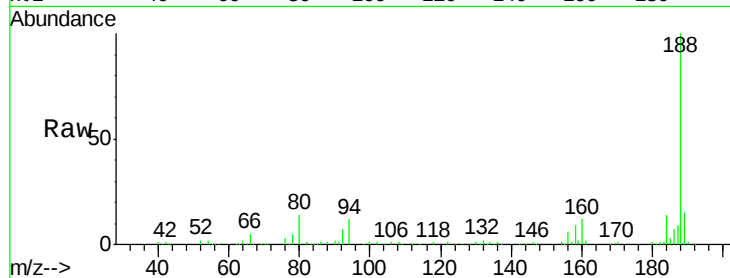




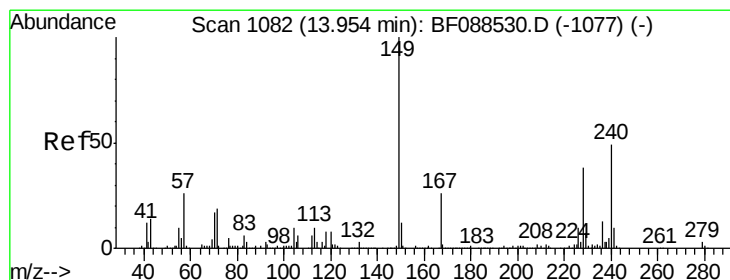
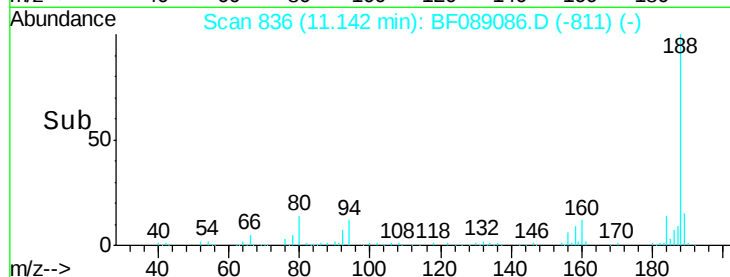
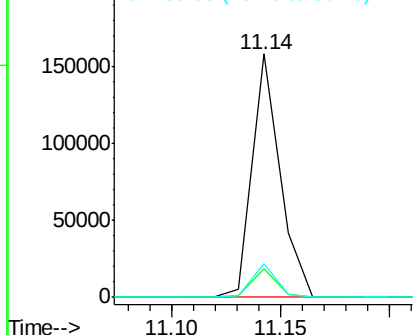
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tot Ion:188 Resp: 140891
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 13.7 10.0 15.0

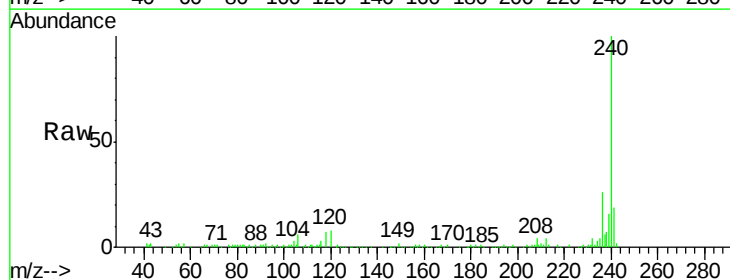


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

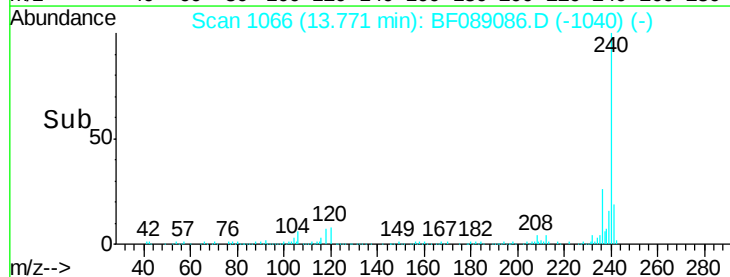
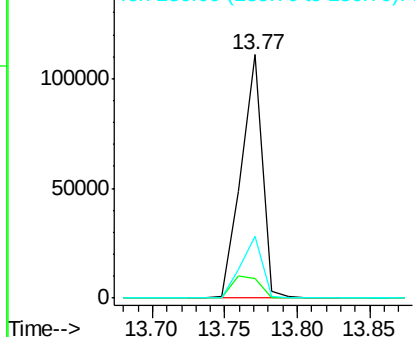


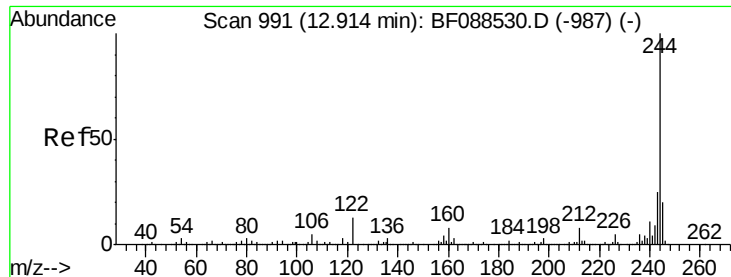
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:240 Resp: 112588
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.6 20.2 30.2



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

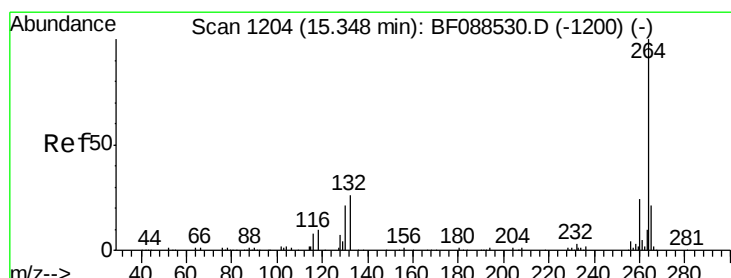
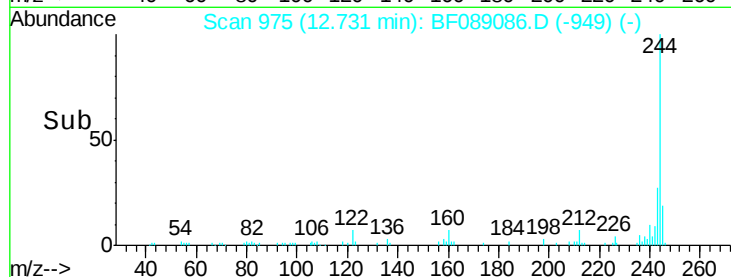
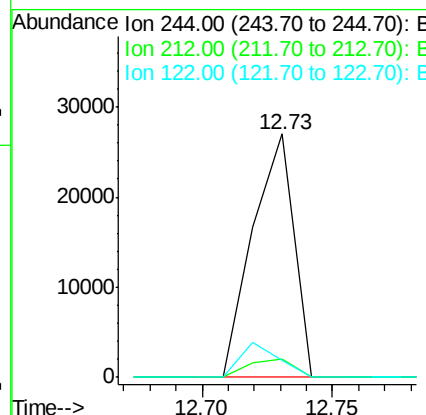
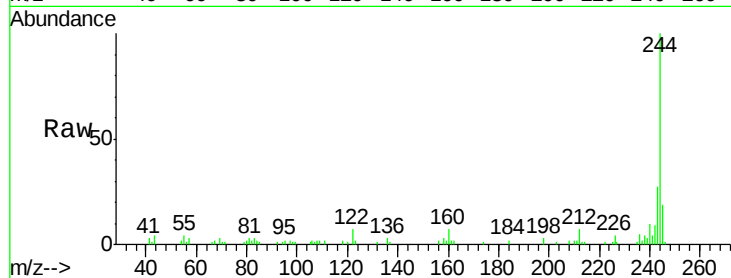




#78
 Terphenyl-d14
 Concen: 5.92 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(2-4ft)

Tot Ion:244 Resp: 29923
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.2 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089086.D
 Acq: 18 Jul 2016 17:11

Tgt Ion:264 Resp: 100856
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.4 16.9 25.3

