

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084921.D
 Acq On : 6 Feb 2016 19:35
 Operator : SJ/IZ
 Sample : H1348-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL-002

Quant Time: Feb 08 03:01:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

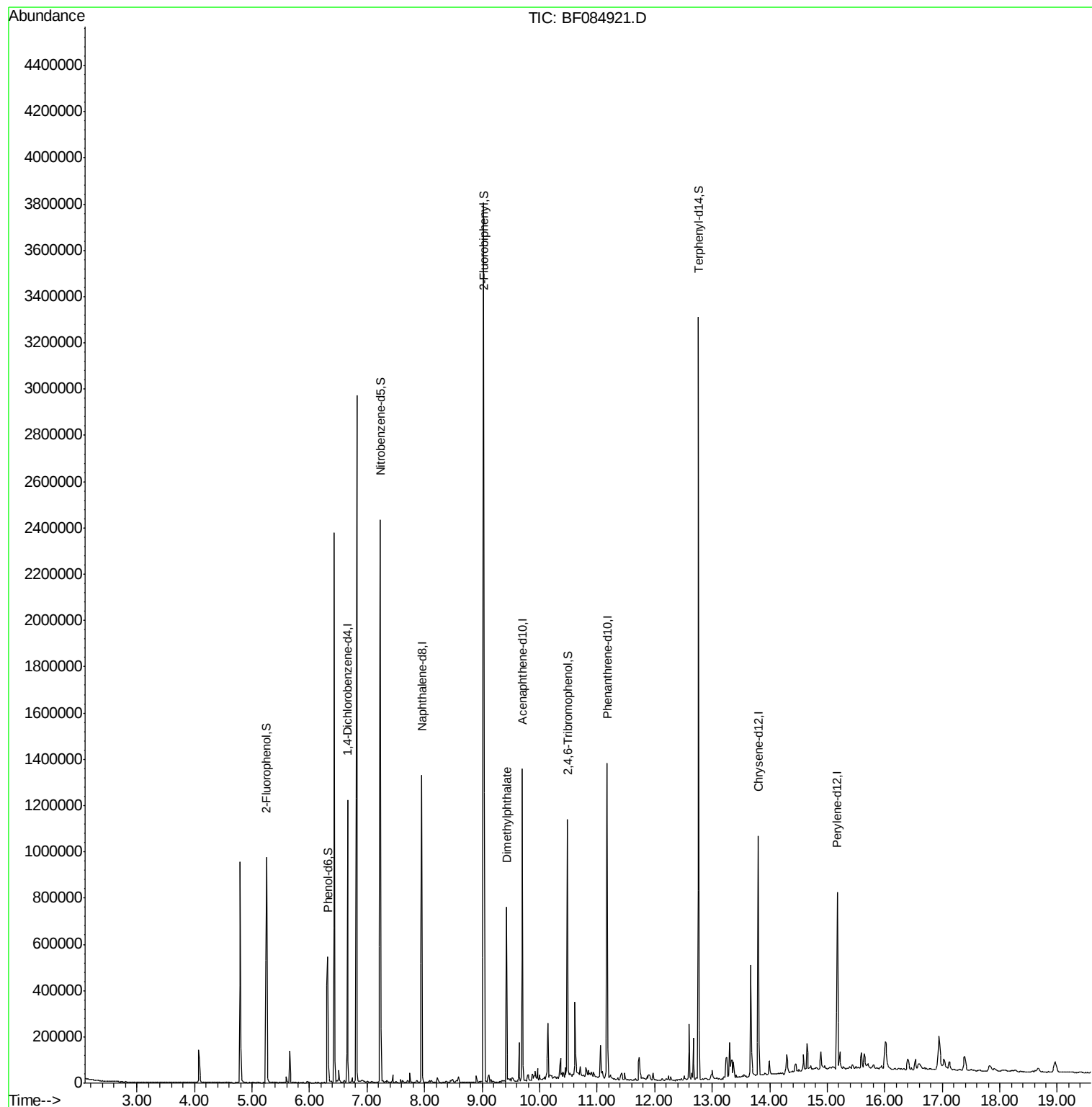
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	164892	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	650161	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	286009	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	458609	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	332889	20.00	ng	-0.03
86) Perylene-d12	15.17	264	317054	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	326103	30.80	ng	-0.02
7) Phenol-d6	6.32	99	254403	19.38	ng	-0.02
23) Nitrobenzene-d5	7.23	82	757677	65.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	205078	68.74	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1288980	72.17	ng	-0.03
78) Terphenyl-d14	12.76	244	974255	66.32	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	270478	12.42	ng	# 90

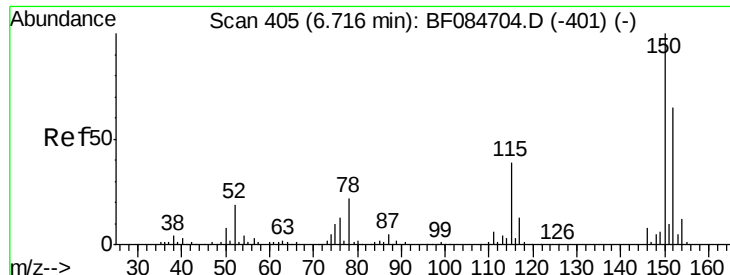
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

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OUTFALL-002

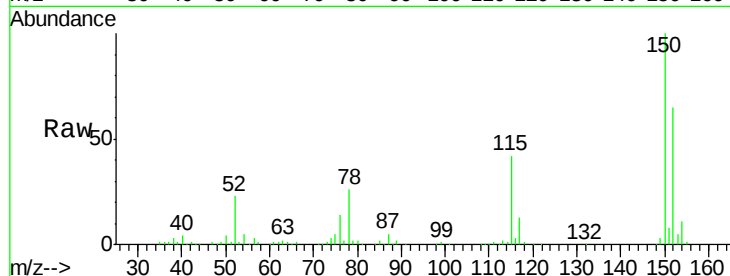
Tot Ion:152 Resp: 164892

Ion Ratio Lower Upper

152 100

150 154.5 123.0 184.4

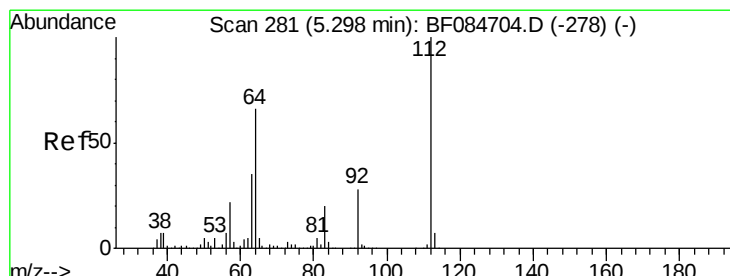
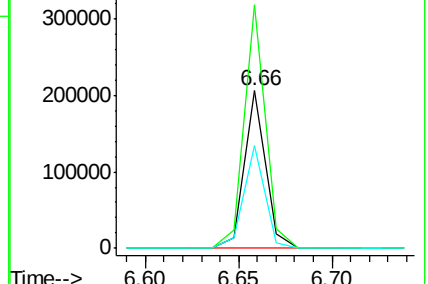
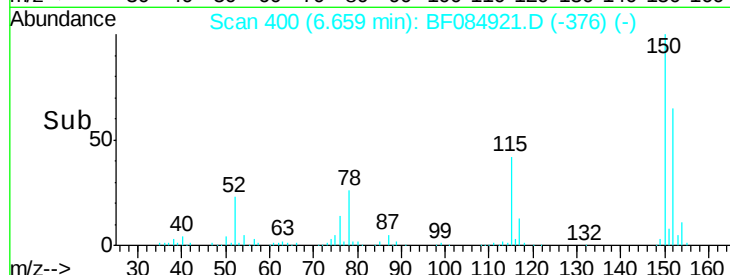
115 65.6 51.4 77.2



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: 30.80 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

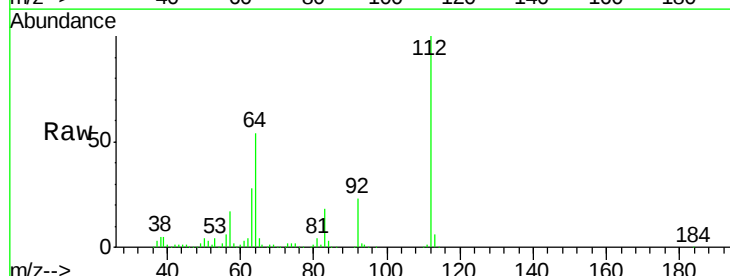
Tgt Ion:112 Resp: 326103

Ion Ratio Lower Upper

112 100

64 54.3 36.6 55.0

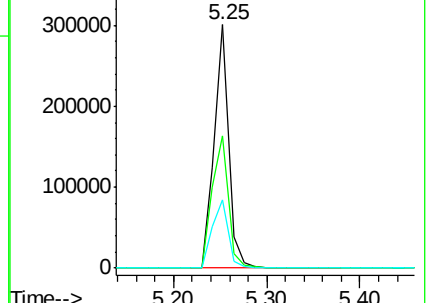
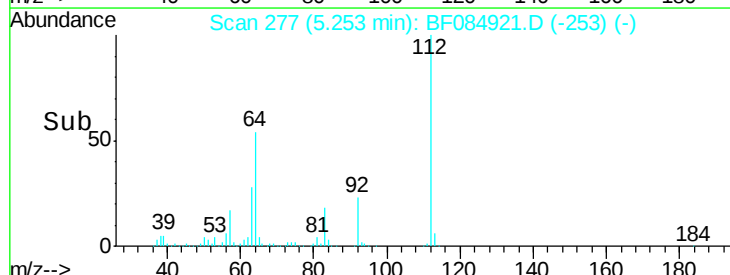
63 28.2 19.4 29.0

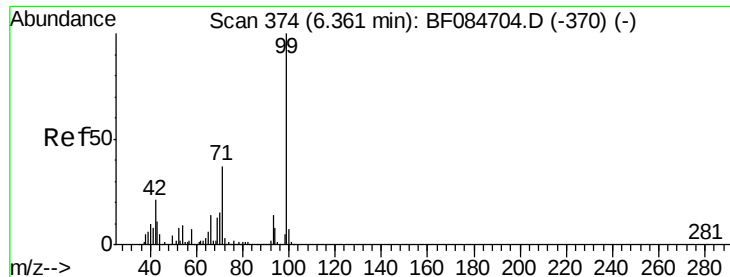


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.38 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

OUTFALL-002

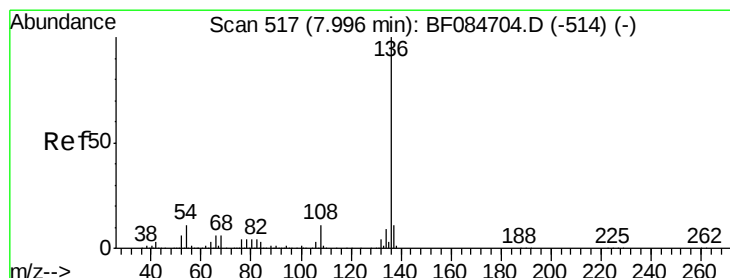
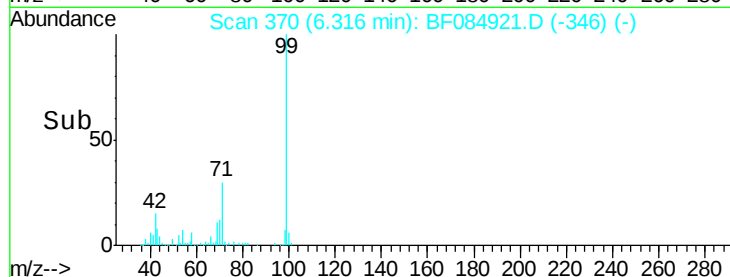
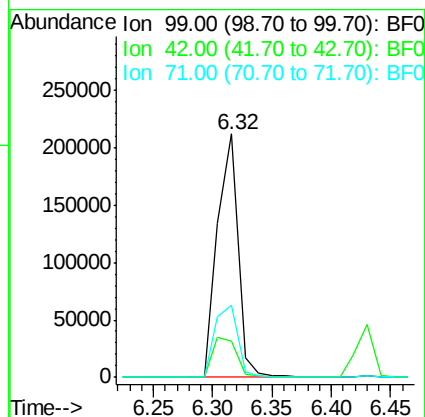
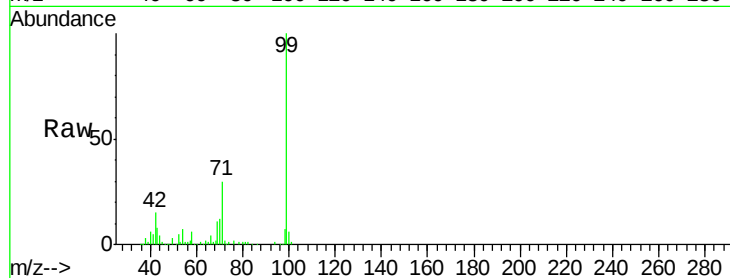
Tot Ion: 99 Resp: 254403

Ion Ratio Lower Upper

99 100

42 14.7 12.8 19.2

71 29.6 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

Tgt Ion: 136 Resp: 650161

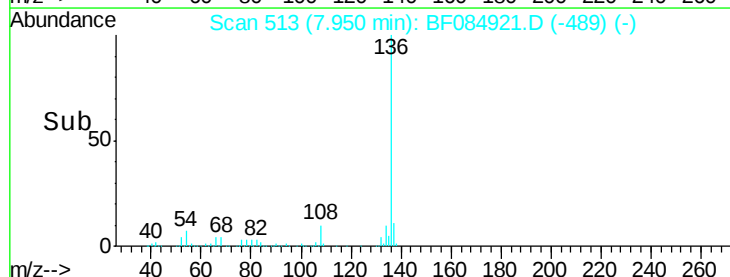
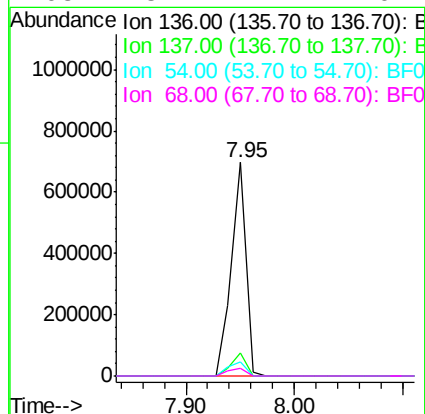
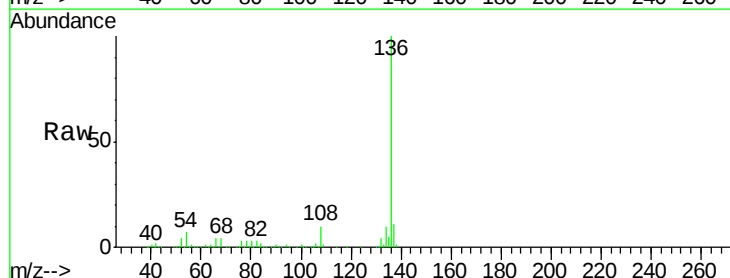
Ion Ratio Lower Upper

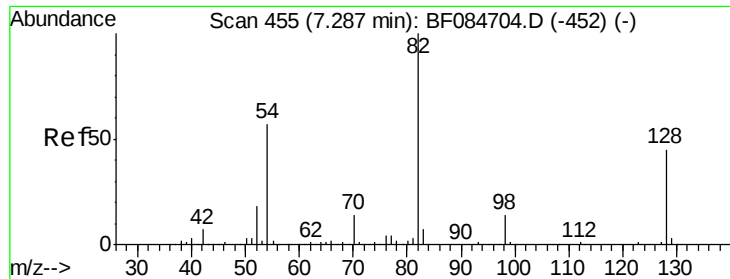
136 100

137 10.9 8.7 13.1

54 6.8 5.8 8.8

68 3.7 4.2 6.2#

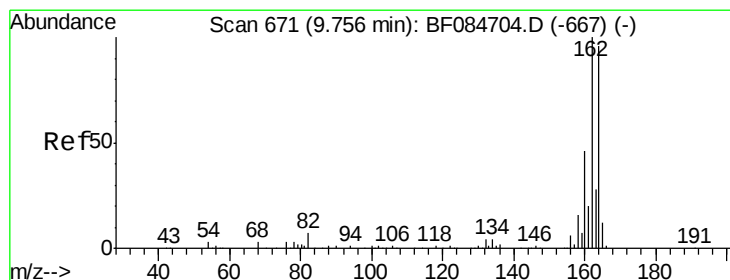
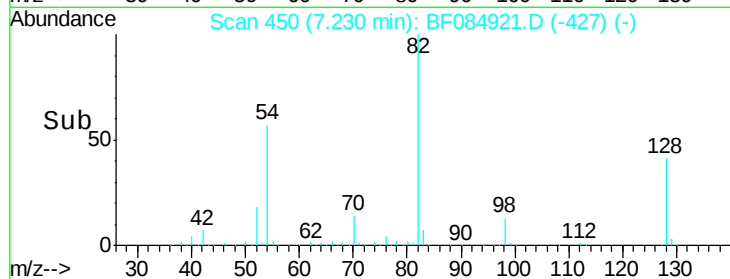
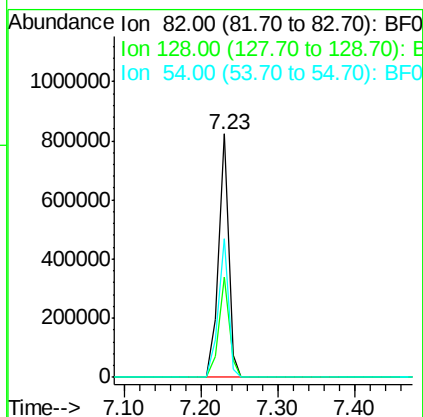
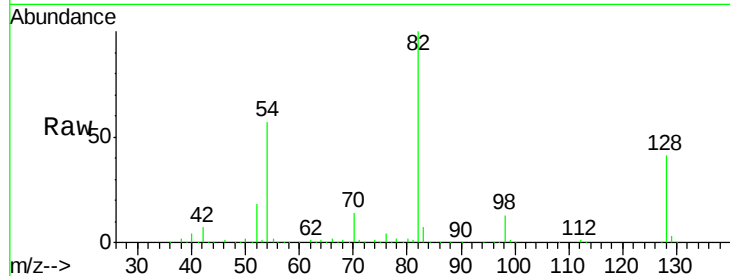




#23
Nitrobenzene-d5
Concen: 65.65 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

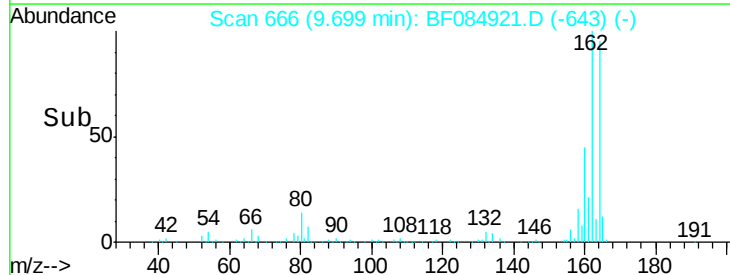
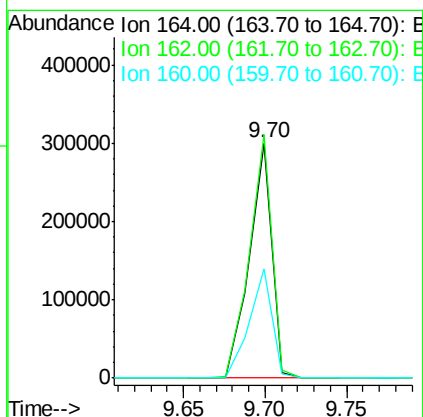
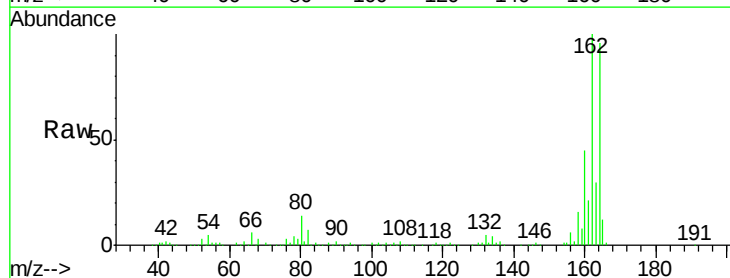
Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

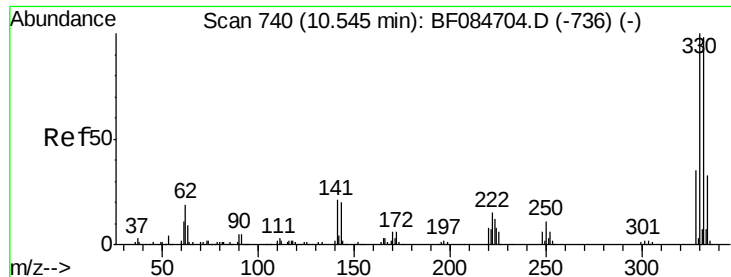
Tot Ion: 82 Resp: 757677
Ion Ratio Lower Upper
82 100
128 41.2 34.6 51.8
54 57.1 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Tgt Ion:164 Resp: 286009
Ion Ratio Lower Upper
164 100
162 103.7 85.1 127.7
160 46.3 37.5 56.3

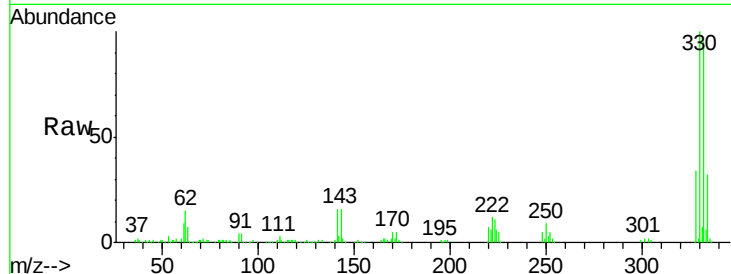




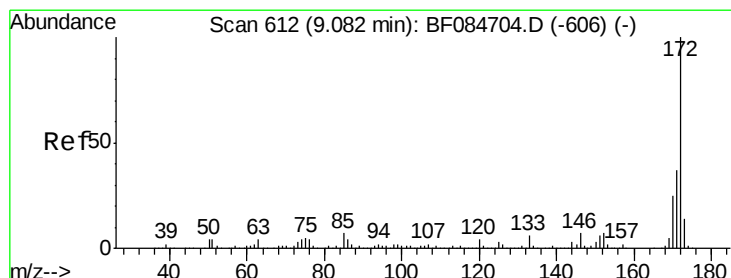
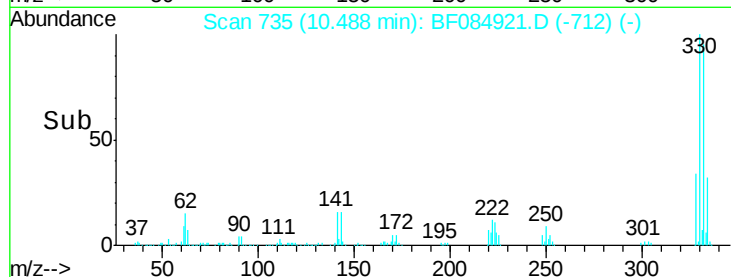
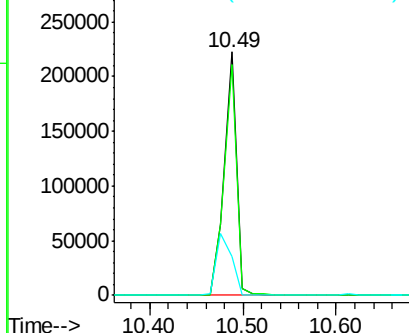
#41
 2,4,6-Tribromophenol
 Concen: 68.74 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084921.D
 Acq: 6 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL-002

Tot Ion:330 Resp: 205078
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 32.3 27.8 41.6

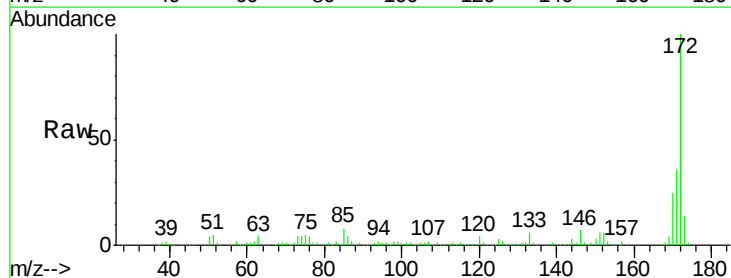


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

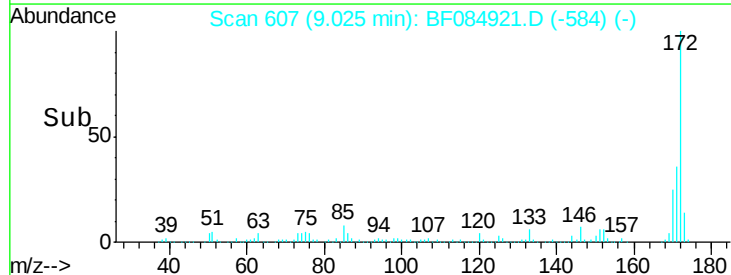
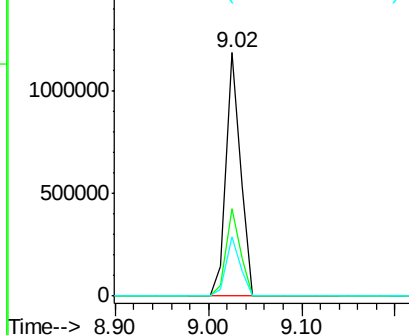


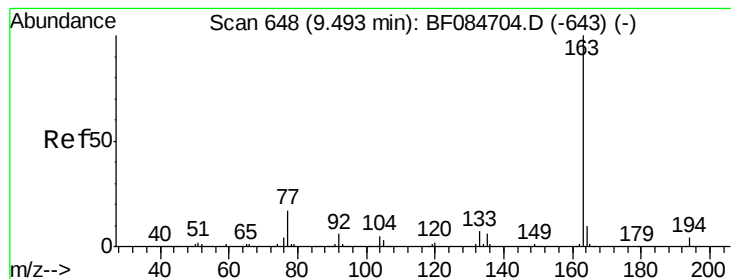
#44
 2-Fluorobiphenyl
 Concen: 72.17 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084921.D
 Acq: 6 Feb 2016 19:35

Tgt Ion:172 Resp: 1288980
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.6 18.6 27.8



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





#49

Dimethylphthalate

Concen: 12.42 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

OUTFALL-002

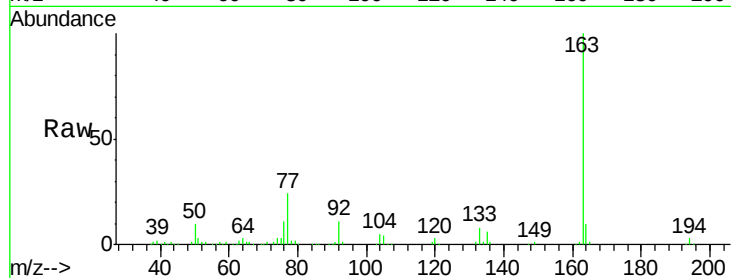
Tot Ion:163 Resp: 270478

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

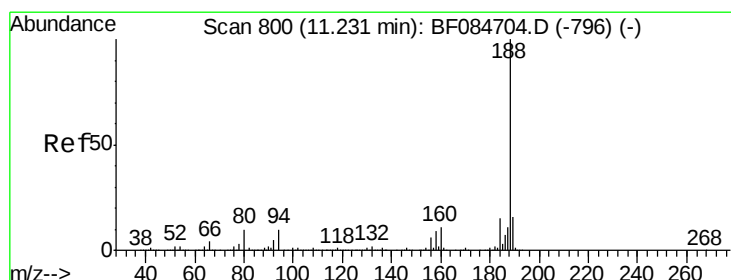
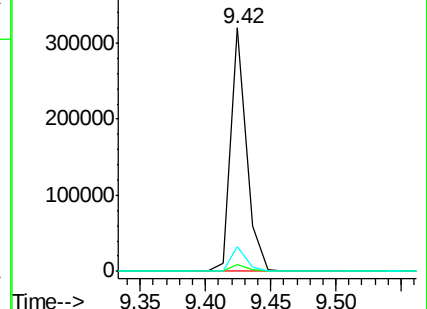
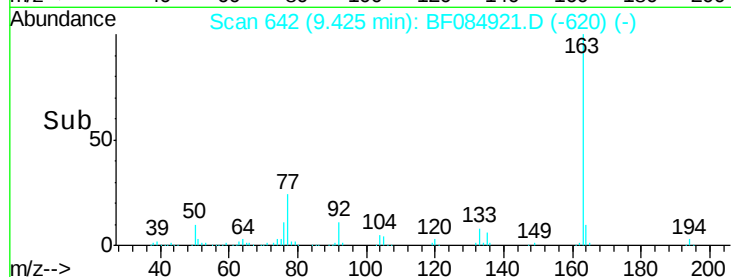
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

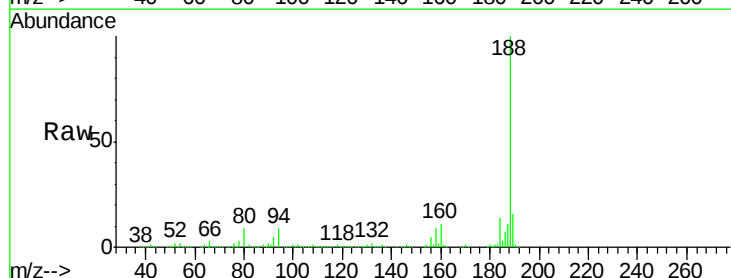
Tgt Ion:188 Resp: 458609

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

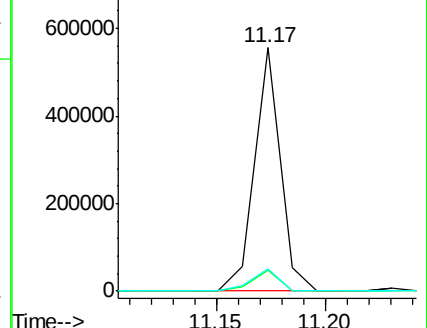
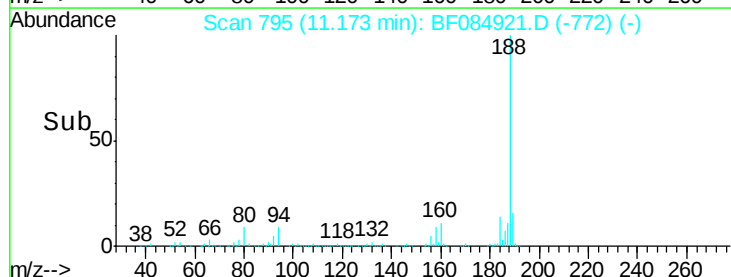
80 9.2 9.6 14.4#

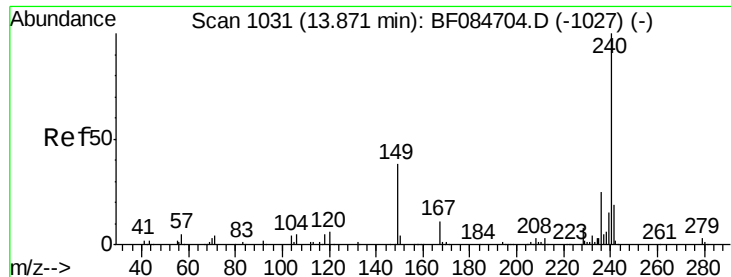


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

OUTFALL-002

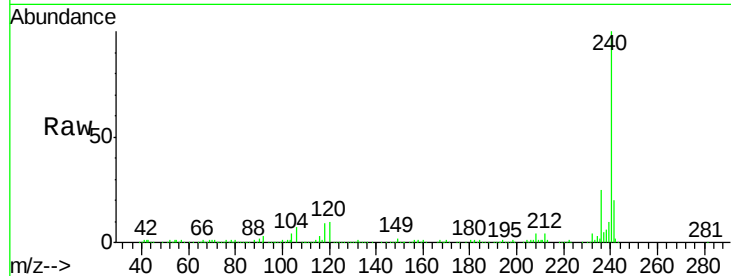
Tot Ion:240 Resp: 332889

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

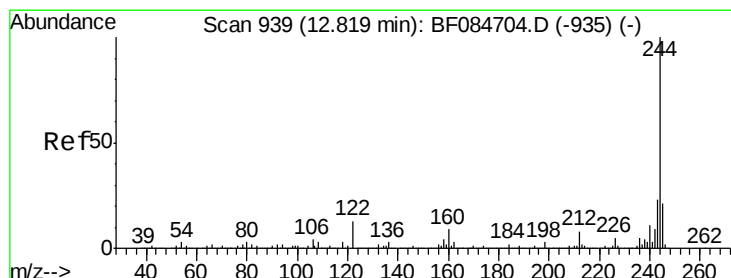
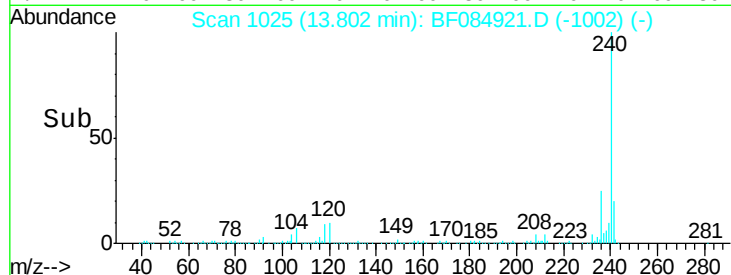
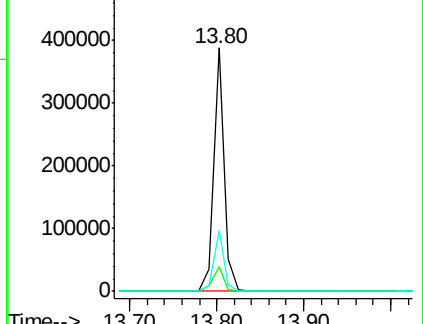
236 24.7 20.6 31.0



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: 66.32 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084921.D

Acq: 6 Feb 2016 19:35

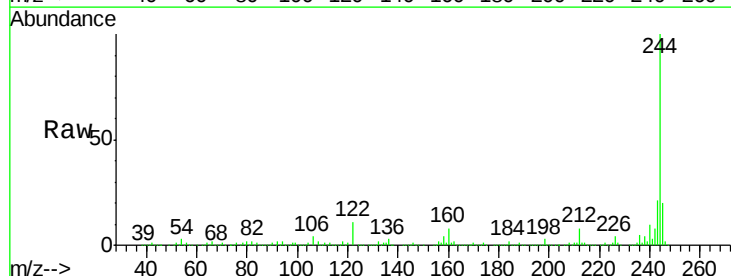
Tgt Ion:244 Resp: 974255

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

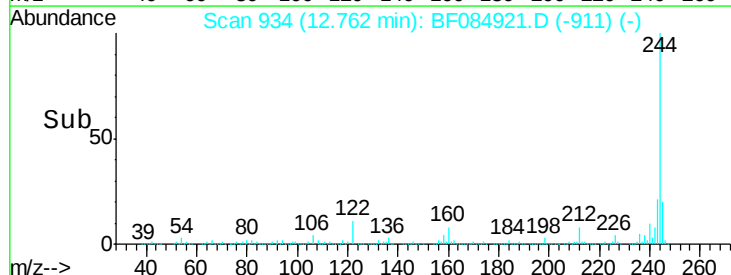
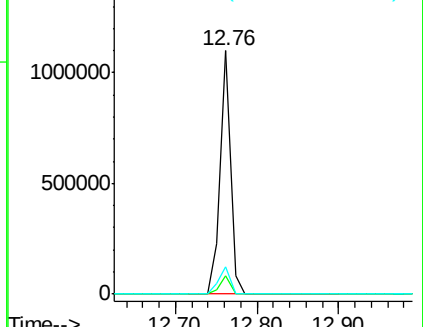
122 11.3 7.4 11.0#

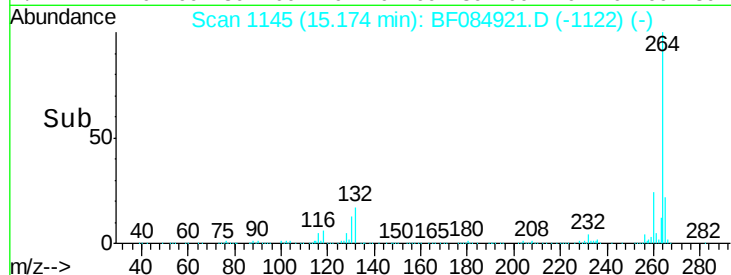
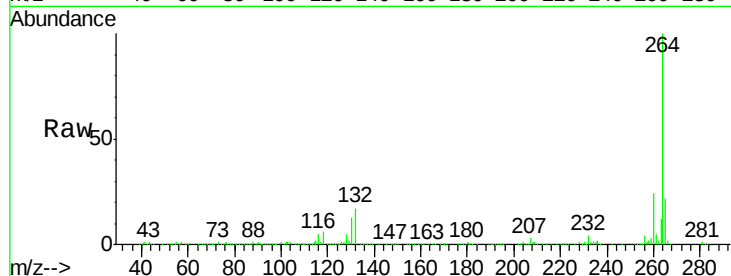
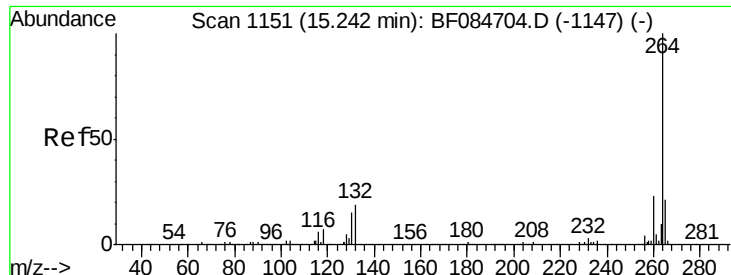


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084921.D
Acq: 6 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
OUTFALL-002

Tot Ion:	264	Resp:	317054
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.8	26.6

