

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084920.D
 Acq On : 6 Feb 2016 19:07
 Operator : SJ/IZ
 Sample : H1348-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL-001

Quant Time: Feb 08 01:25:05 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

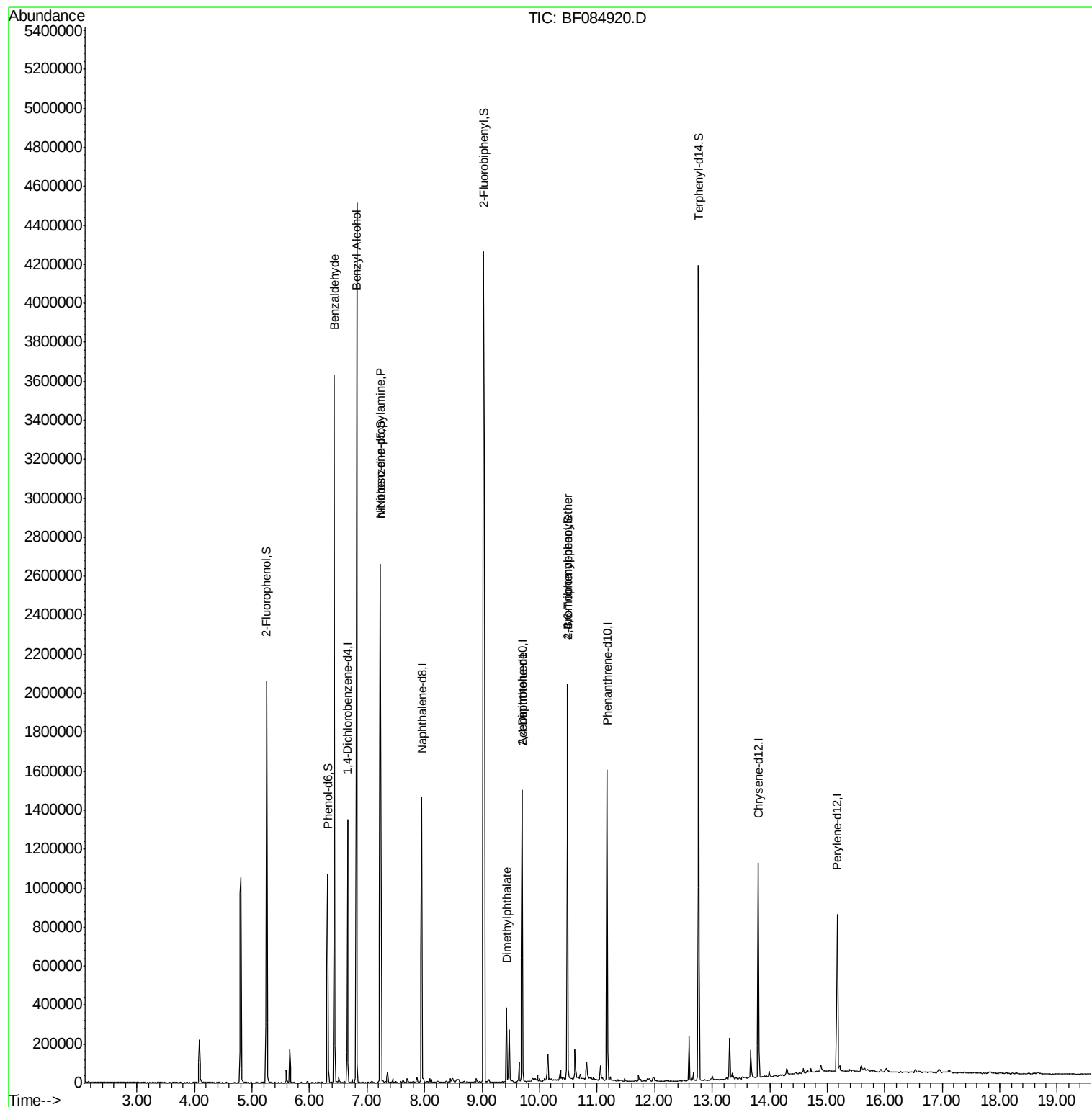
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	179825	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	743100	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	321320	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	527861	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	354841	20.00	ng	-0.03
86) Perylene-d12	15.17	264	341271	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	534546	46.30	ng	-0.02
7) Phenol-d6	6.32	99	432087	30.19	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1088445	82.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	303171	90.45	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1946867	116.35	ng	-0.03
78) Terphenyl-d14	12.76	244	1285215	82.07	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	21326	2.52	ng	# 76
15) Benzyl Alcohol	6.82	79	21826	2.21	ng	# 47
19) n-Nitroso-di-n-propylamine	7.23	70	147688	16.46	ng	# 72
49) Dimethylphthalate	9.42	163	132102	5.40	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	42528	6.24	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	19202	3.29	ng	# 1

(#) = 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: BF084920.D

Acq: 6 Feb 2016 19:07

Instrument :

BNA_F

ClientSampleId :

OUTFALL-001

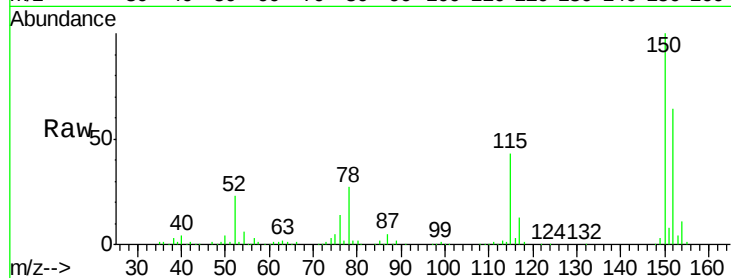
Tgt Ion:152 Resp: 179825

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

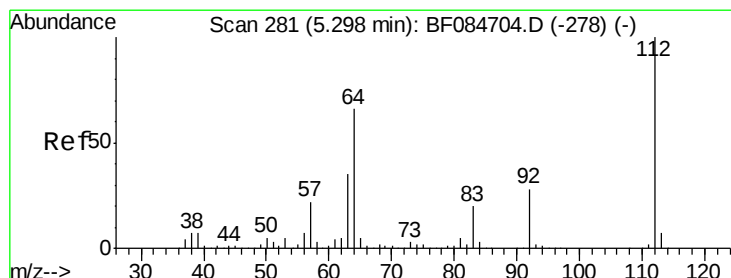
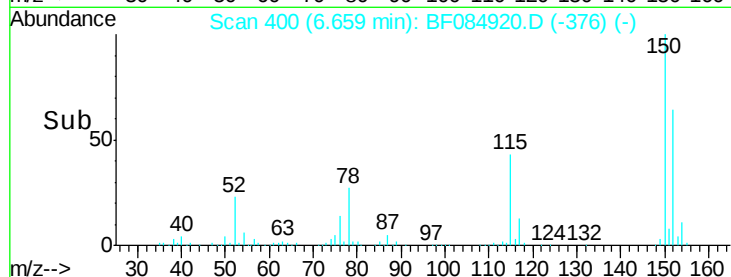
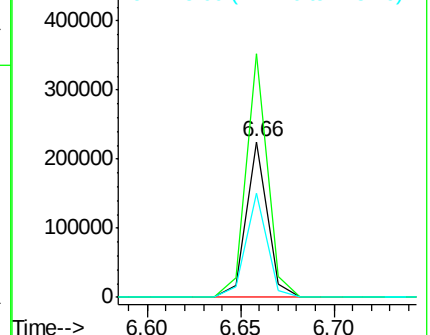
115 66.9 51.4 77.2



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: 46.30 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

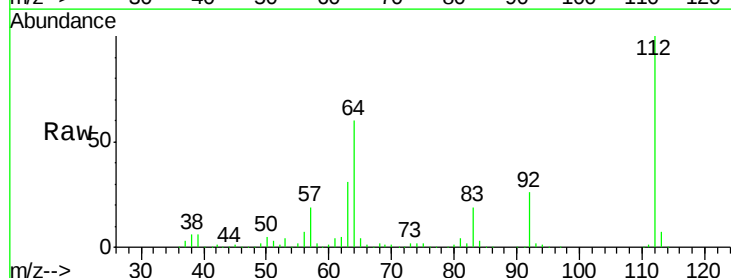
Tgt Ion:112 Resp: 534546

Ion Ratio Lower Upper

112 100

64 59.8 36.6 55.0#

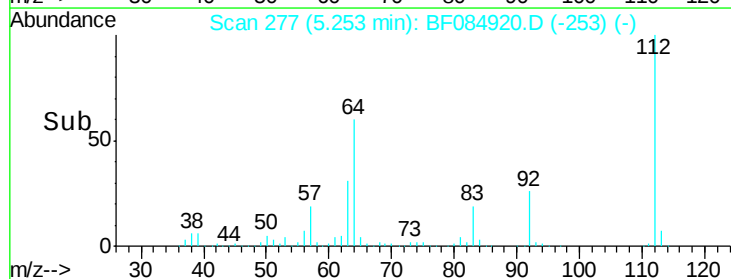
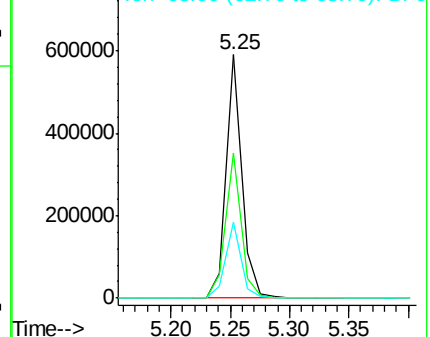
63 31.4 19.4 29.0#



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: 30.19 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

Instrument :

BNA_F

ClientSampleId :

OUTFALL-001

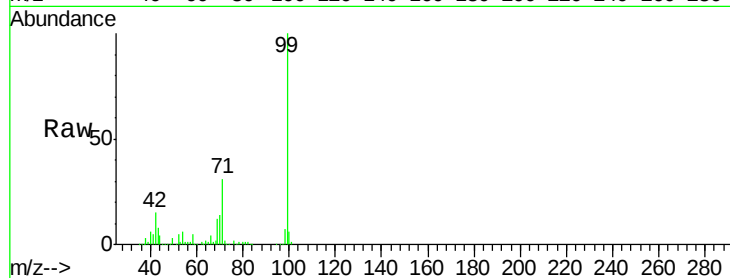
Tgt Ion: 99 Resp: 432087

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

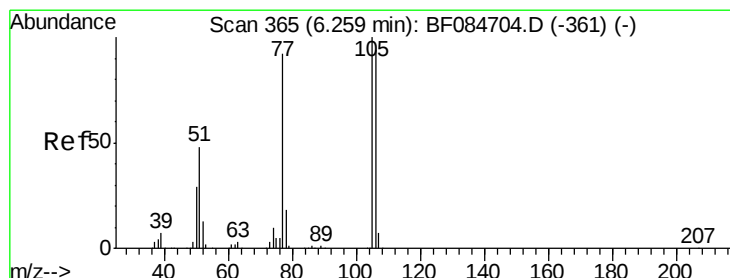
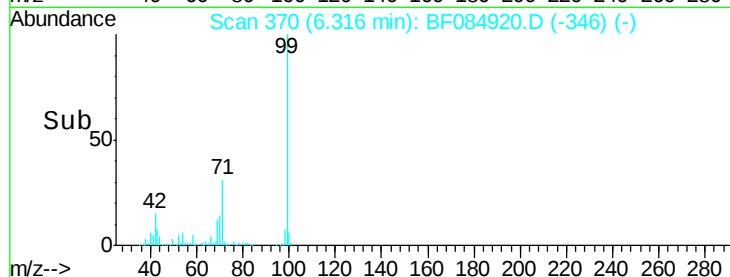
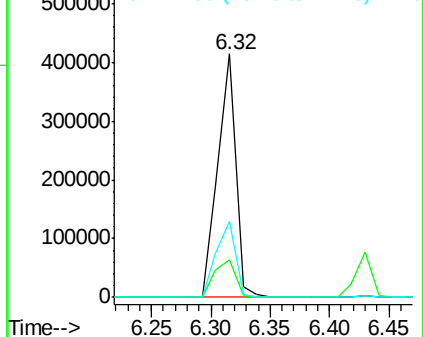
71 31.3 30.9 46.3



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



#9

Benzaldehyde

Concen: 2.52 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.19 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

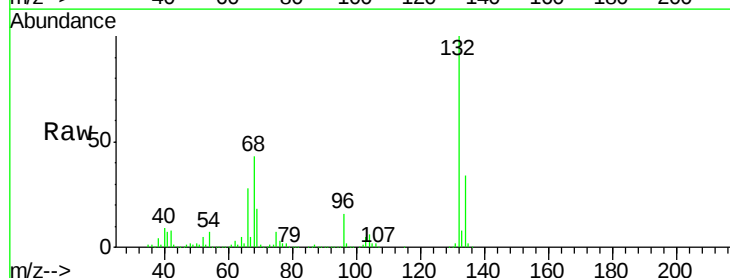
Tgt Ion: 77 Resp: 21326

Ion Ratio Lower Upper

77 100

105 76.5 83.0 123.0#

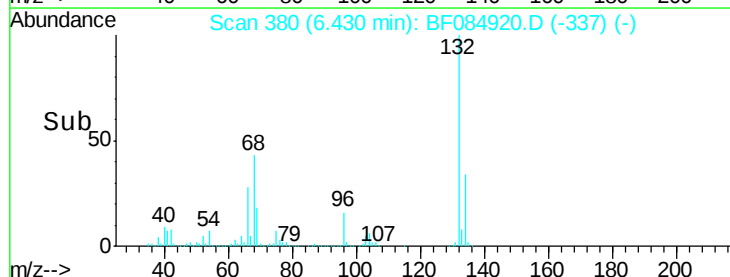
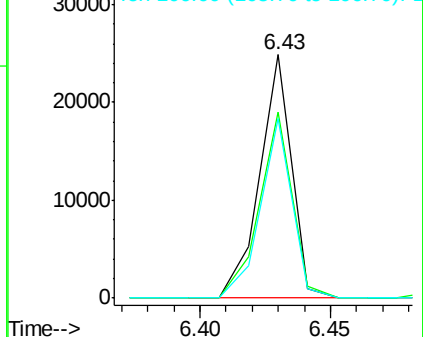
106 74.0 74.6 114.6#

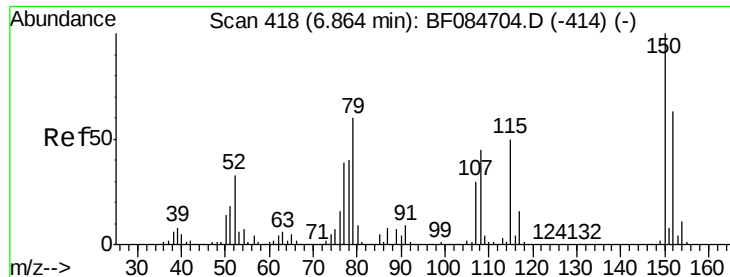


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

Instrument :

BNA_F

ClientSampleId :

OUTFALL-001

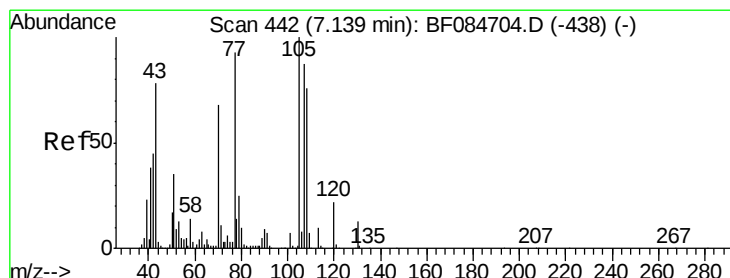
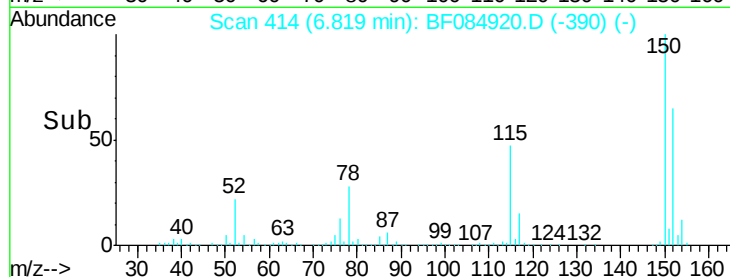
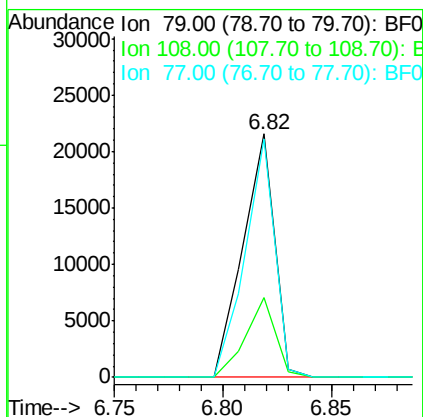
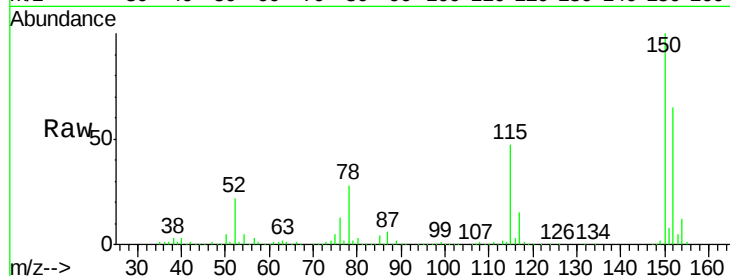
Tgt Ion: 79 Resp: 21826

Ion Ratio Lower Upper

79 100

108 32.6 69.0 103.4#

77 98.2 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.46 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

Tgt Ion: 70 Resp: 147688

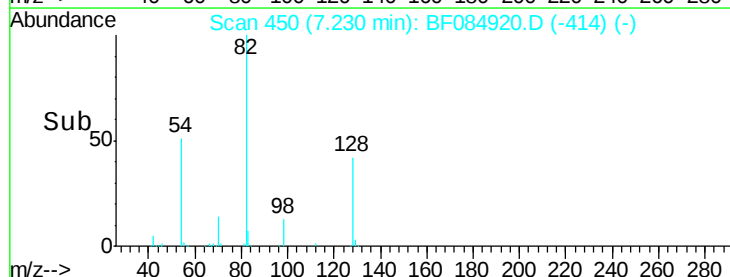
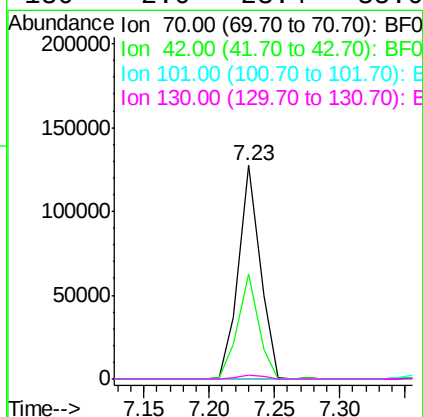
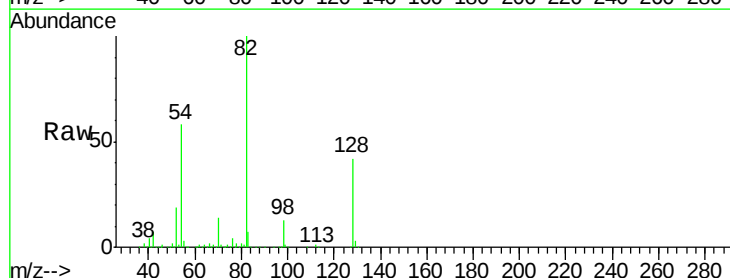
Ion Ratio Lower Upper

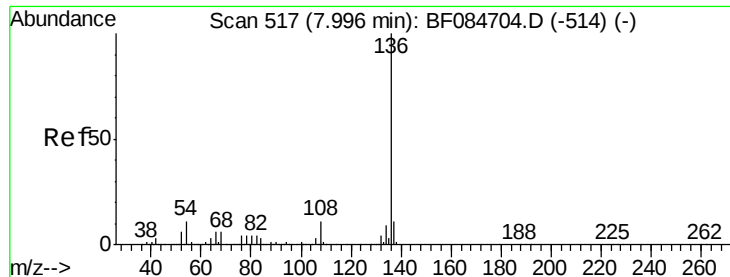
70 100

42 49.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

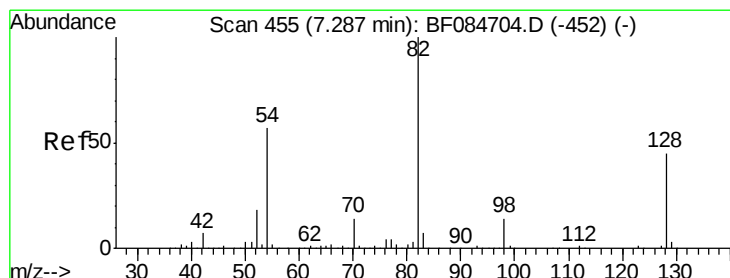
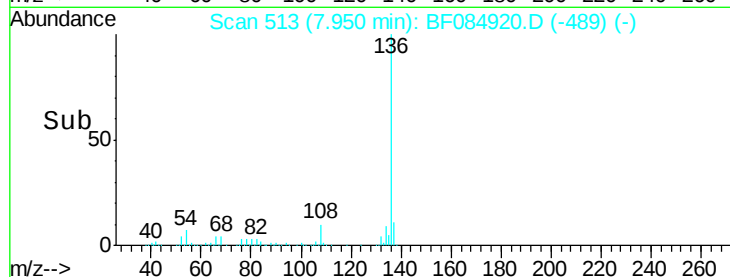
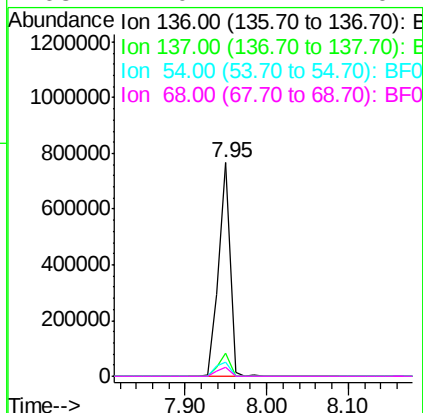
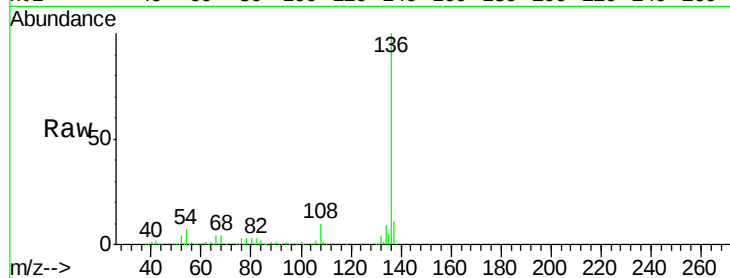




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084920.D
Acq: 6 Feb 2016 19:07

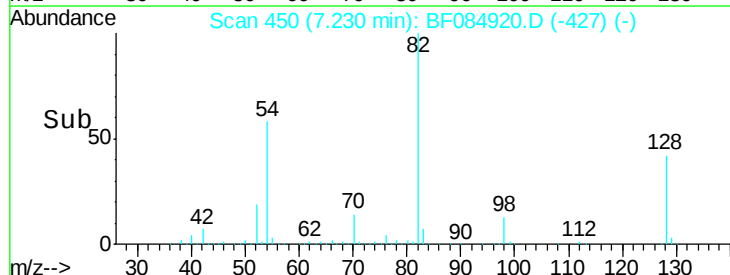
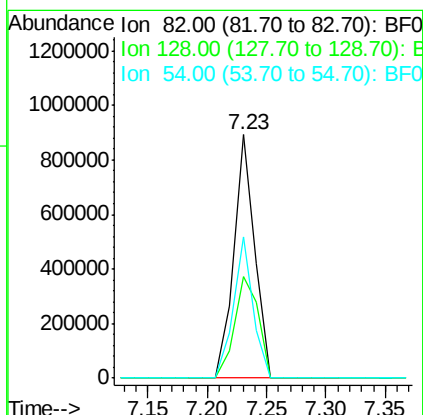
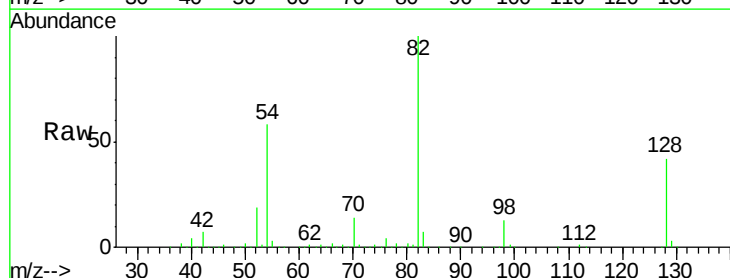
Instrument :
BNA_F
ClientSampleId :
OUTFALL-001

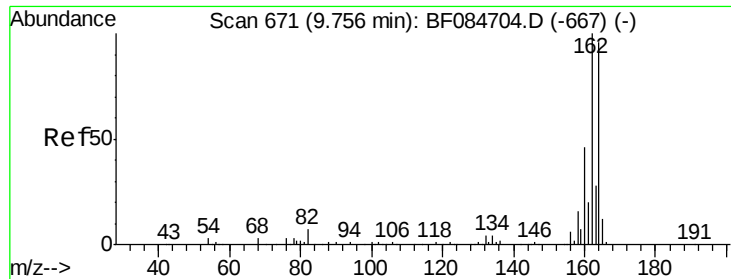
Tgt Ion:	136	Resp:	743100
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.8	8.8
68	4.0	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084920.D
Acq: 6 Feb 2016 19:07

Tgt Ion:	82	Resp:	1088445
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	58.2	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: BF084920.D

Acq: 6 Feb 2016 19:07

Instrument :

BNA_F

ClientSampleId :

OUTFALL-001

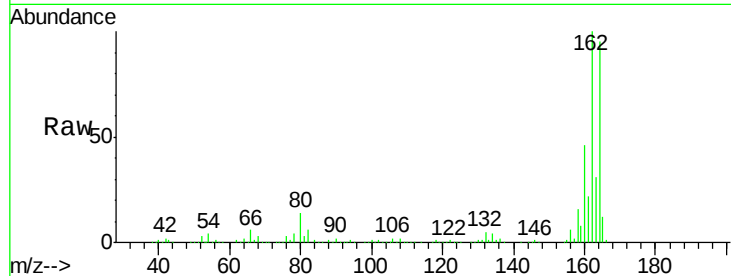
Tgt Ion:164 Resp: 321320

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

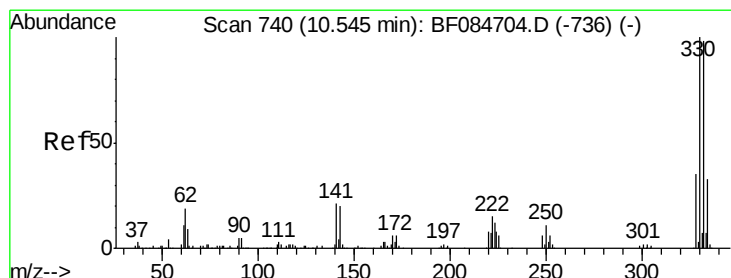
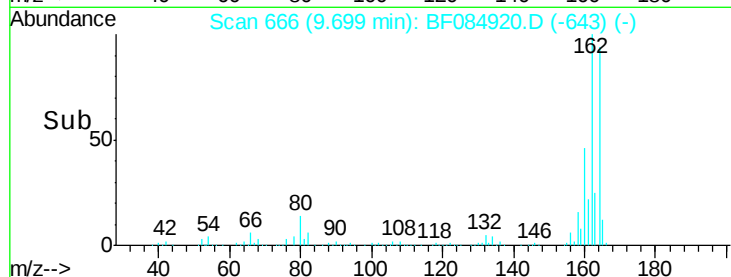
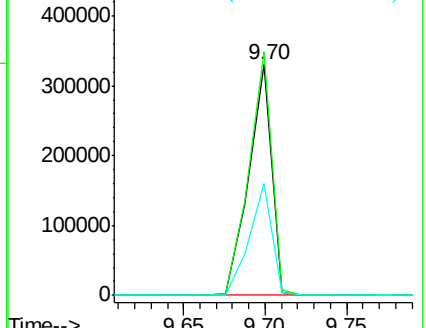
160 48.4 37.5 56.3



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: 90.45 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

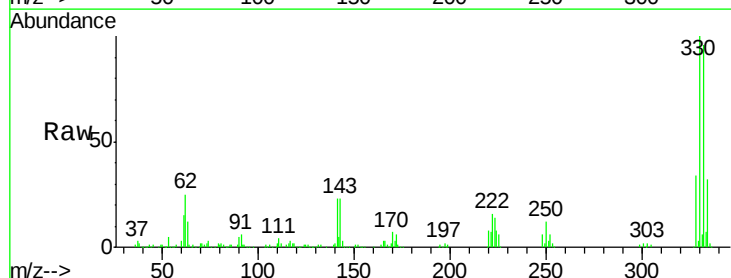
Tgt Ion:330 Resp: 303171

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

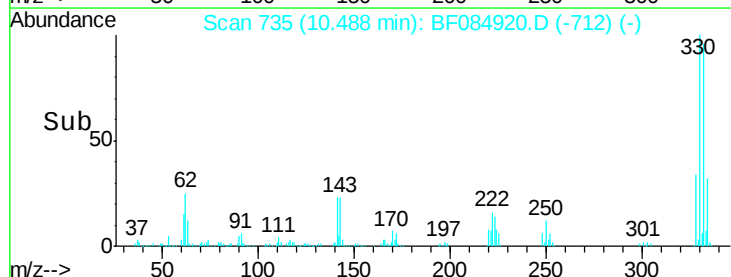
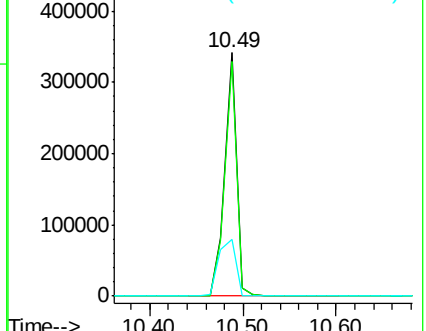
141 34.2 27.8 41.6

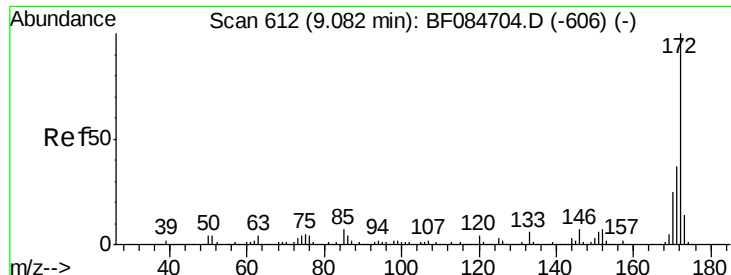


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

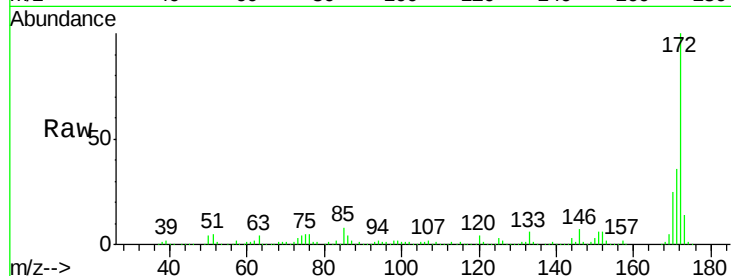




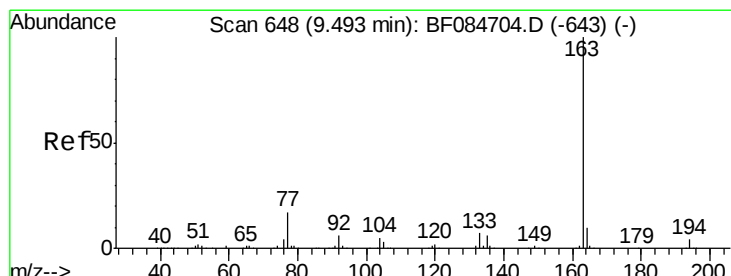
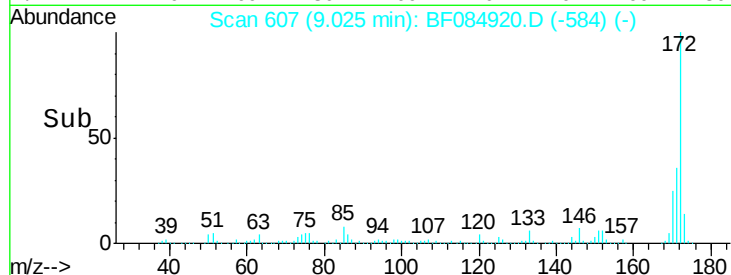
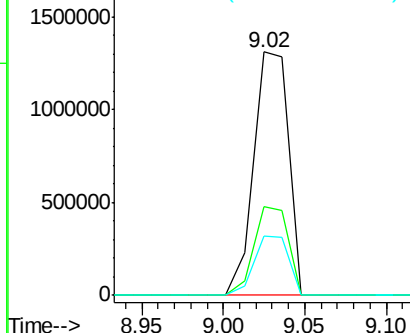
#44
2-Fluorobiphenyl
Concen: 116.35 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084920.D
Acq: 6 Feb 2016 19:07

Instrument :
BNA_F
ClientSampleId :
OUTFALL-001

Tgt Ion:172 Resp: 1946867
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.6 18.6 27.8

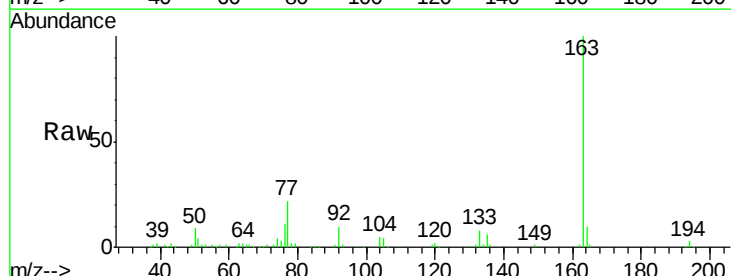


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

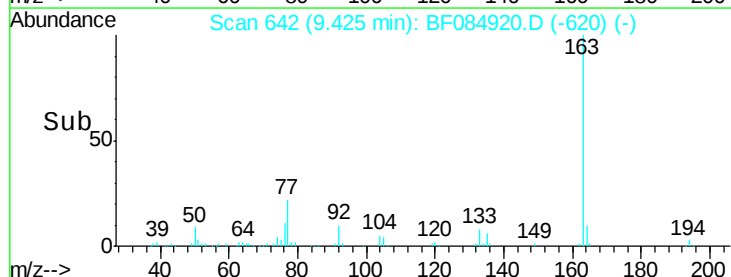
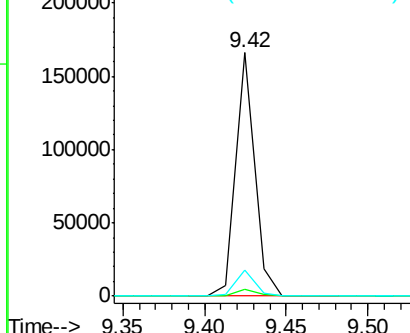


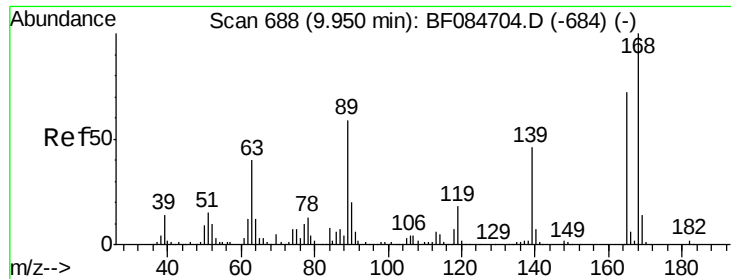
#49
Dimethylphthalate
Concen: 5.40 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084920.D
Acq: 6 Feb 2016 19:07

Tgt Ion:163 Resp: 132102
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.4 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

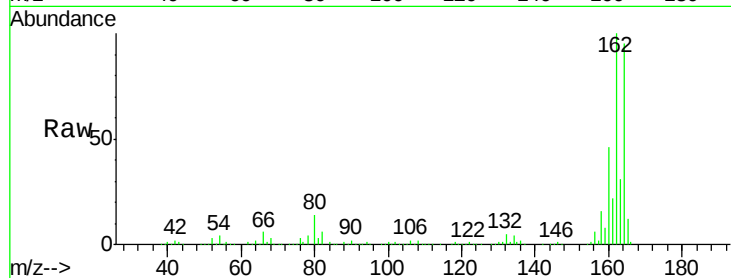




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084920.D
 Acq: 6 Feb 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

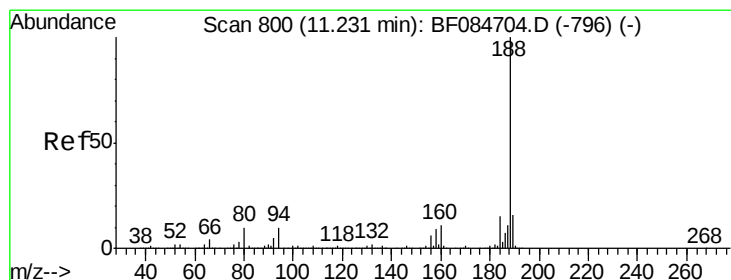
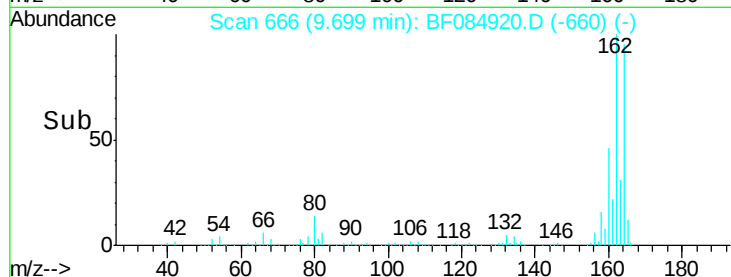
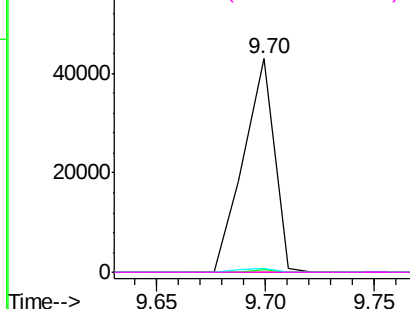


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

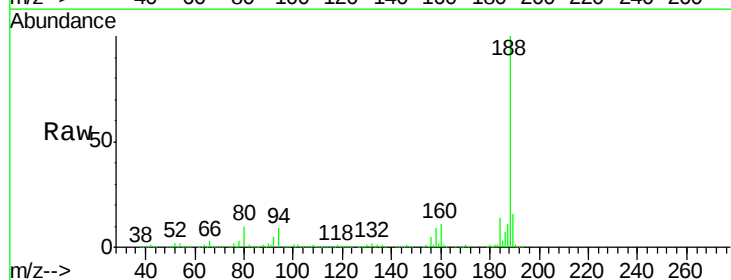
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084920.D
 Acq: 6 Feb 2016 19:07

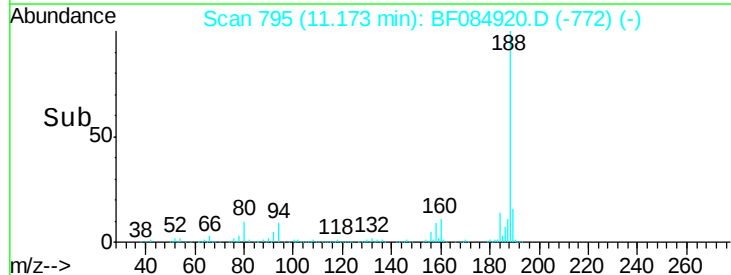
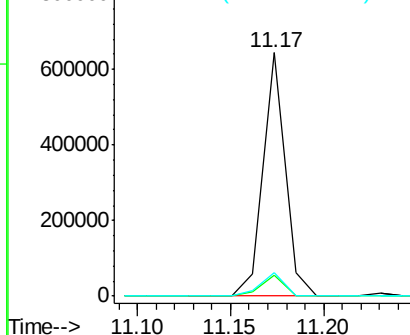
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.8	9.6	14.4

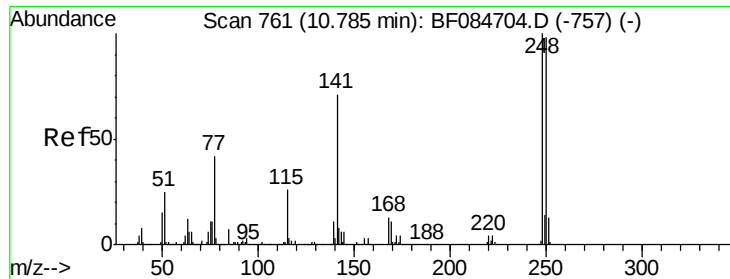


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.29 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

Instrument :

BNA_F

ClientSampleId :

OUTFALL-001

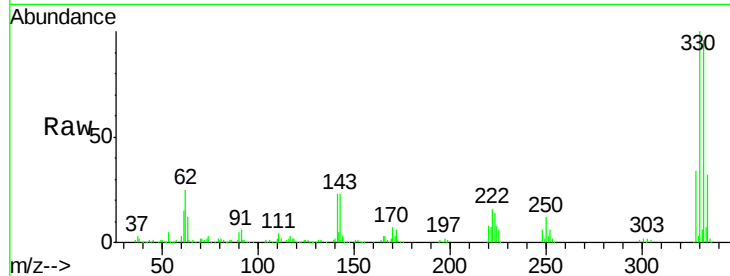
Tgt Ion:248 Resp: 19202

Ion Ratio Lower Upper

248 100

250 203.8 78.4 117.6#

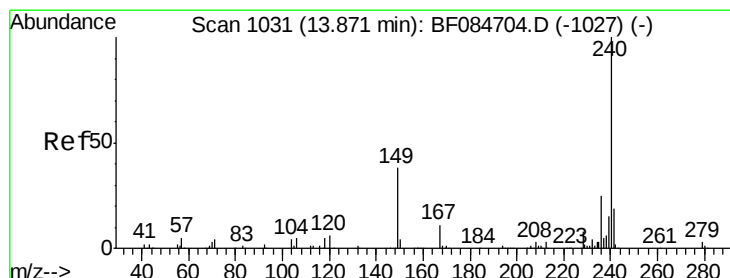
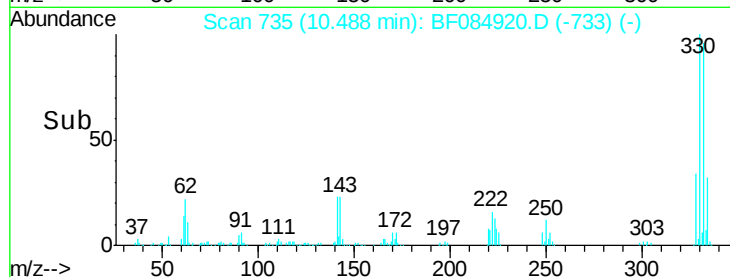
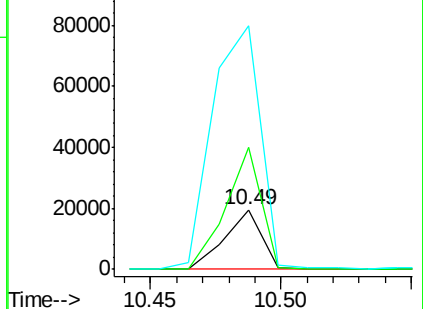
141 406.9 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084920.D

Acq: 6 Feb 2016 19:07

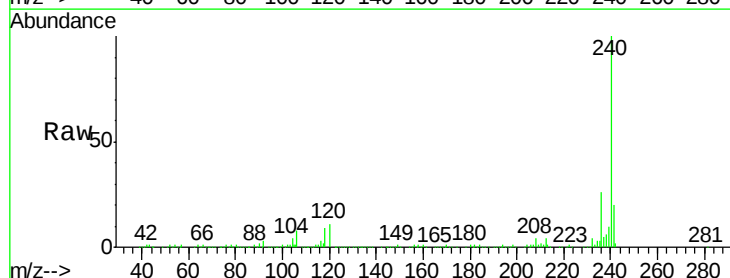
Tgt Ion:240 Resp: 354841

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

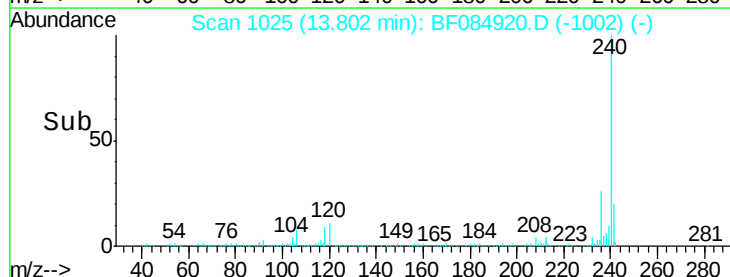
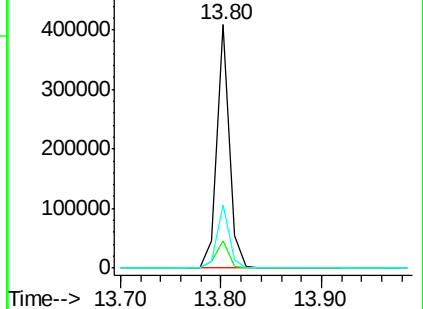
236 25.9 20.6 31.0

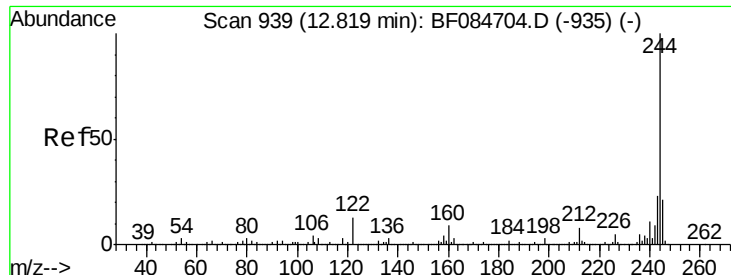


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

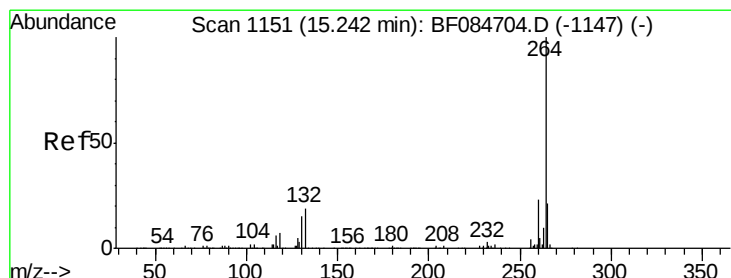
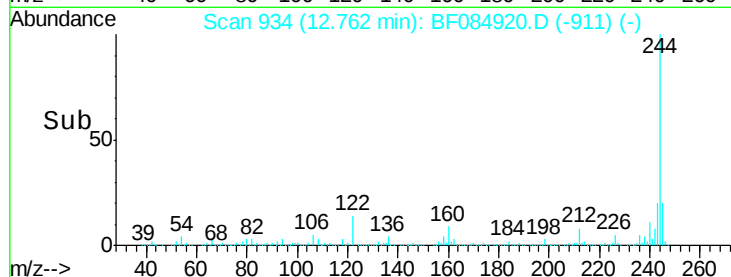
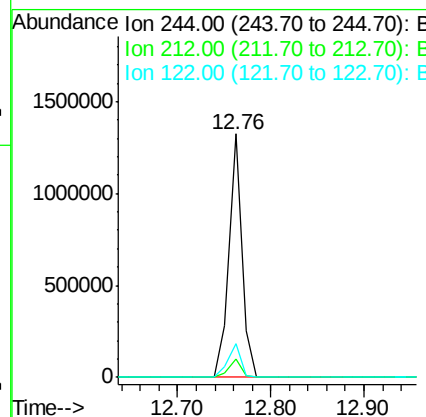
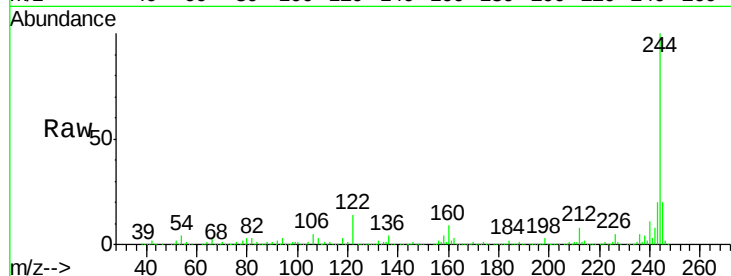




#78
 Terphenyl-d14
 Concen: 82.07 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084920.D
 Acq: 6 Feb 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL-001

Tgt Ion:244 Resp: 1285215
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 13.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084920.D
 Acq: 6 Feb 2016 19:07

Tgt Ion:264 Resp: 341271
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.1 17.8 26.6

