

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084765.D
 Acq On : 3 Feb 2016 1:36
 Operator : SJ/IZ
 Sample : H1287-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Quant Time: Feb 03 09:49:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

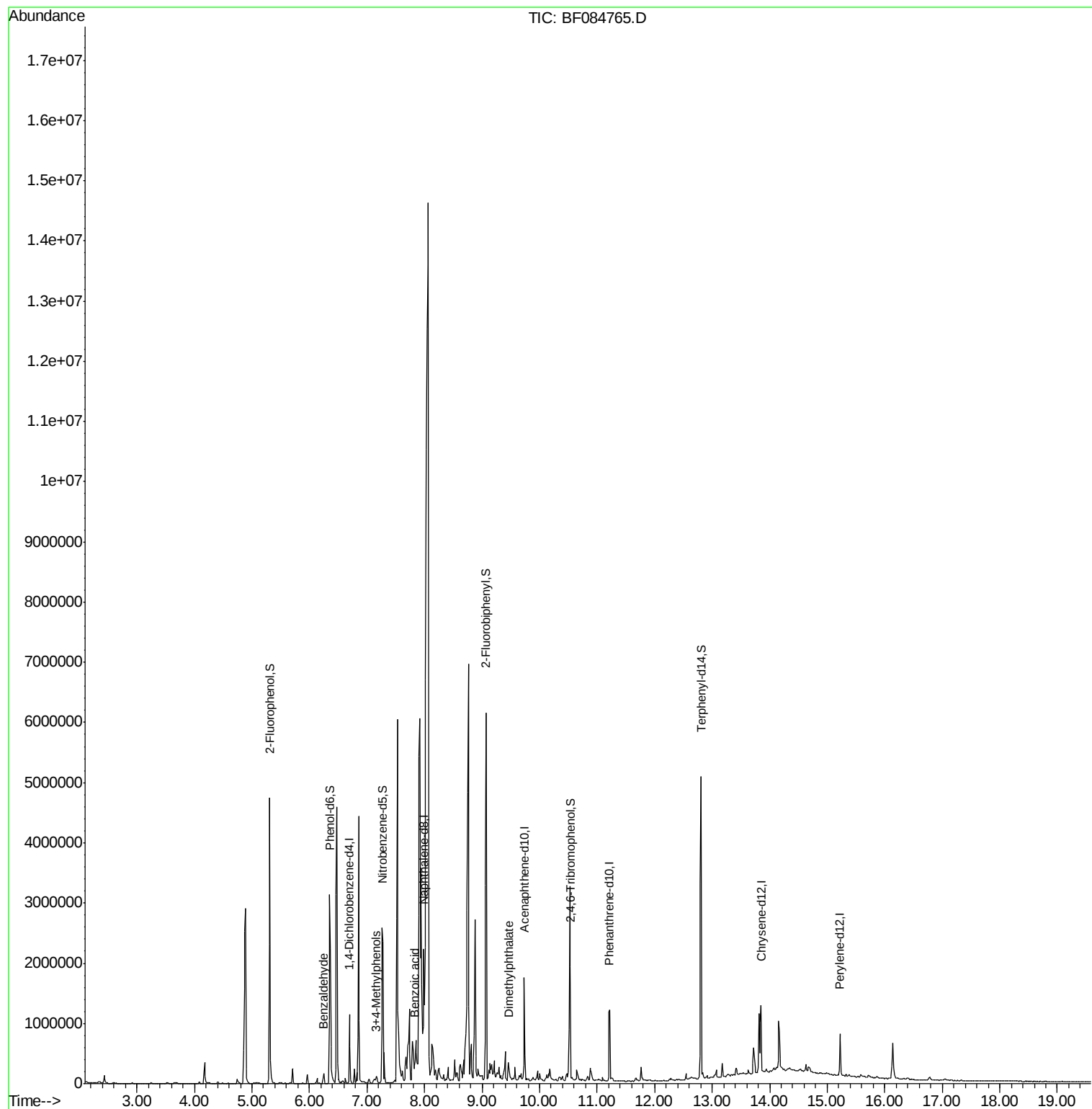
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180797	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	779962	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	343338	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	657688	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	491756	20.00	ng	-0.02
86) Perylene-d12	15.22	264	364622	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1449554	124.88	ng	0.00
7) Phenol-d6	6.35	99	1795015	124.74	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1339595	96.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	551875	154.10	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2189608	130.87	ng	-0.02
78) Terphenyl-d14	12.81	244	1945327	89.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.25	77	35520	4.18	ng	Qvalue 85
20) 3+4-Methylphenols	7.16	107	43673	3.39	ng	# 68
32) Benzoic acid	7.84	122	81121	9.97	ng	92
49) Dimethylphthalate	9.46	163	136813	5.23	ng	# 90

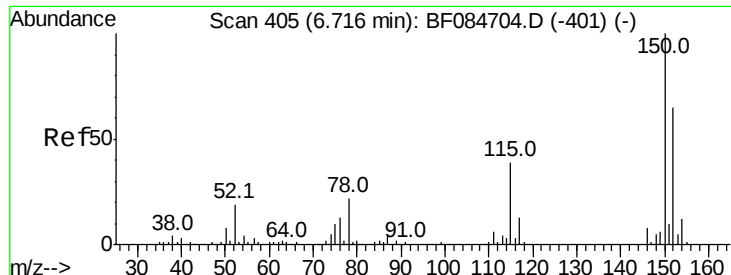
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

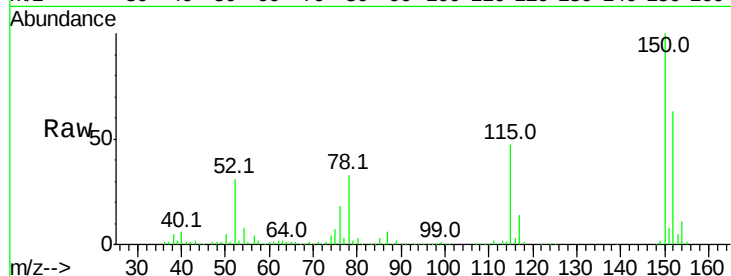
Tot Ion:152 Resp: 180797

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

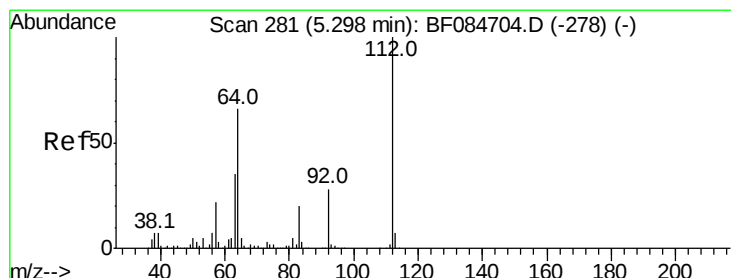
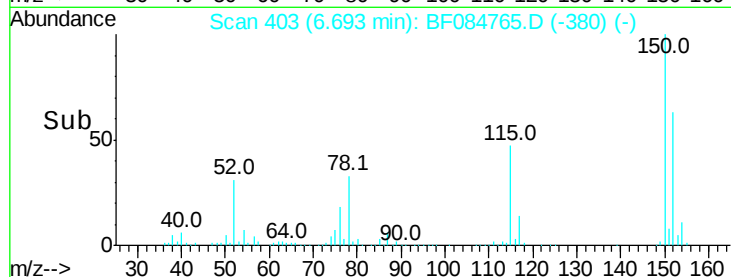
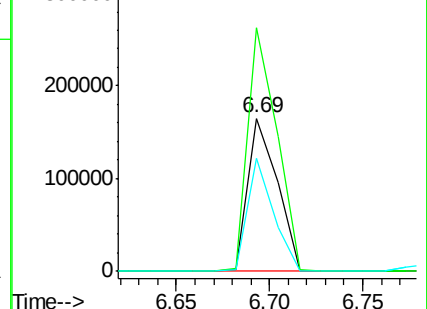
115 74.2 51.4 77.2



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: 124.88 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

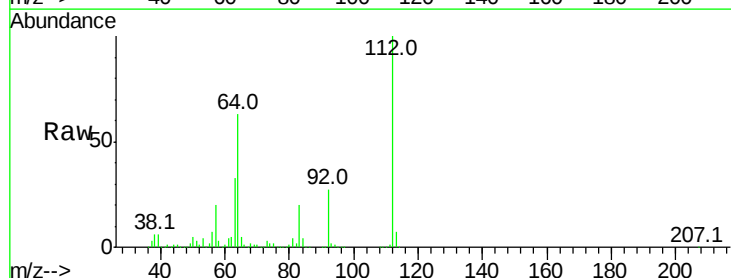
Tgt Ion:112 Resp: 1449554

Ion Ratio Lower Upper

112 100

64 63.0 36.6 55.0#

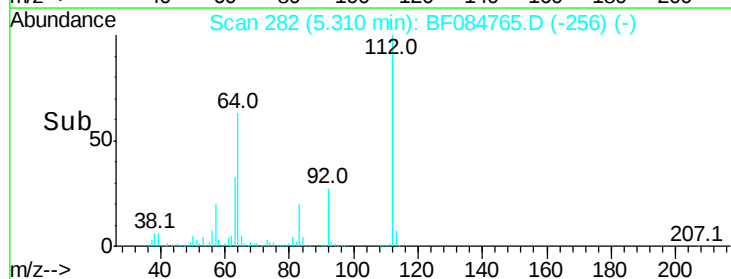
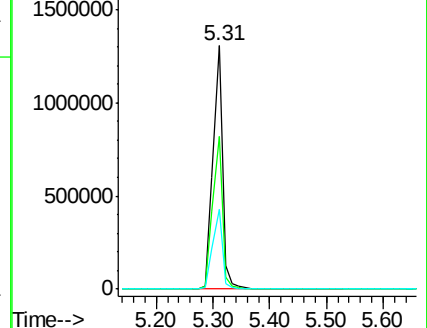
63 32.9 19.4 29.0#

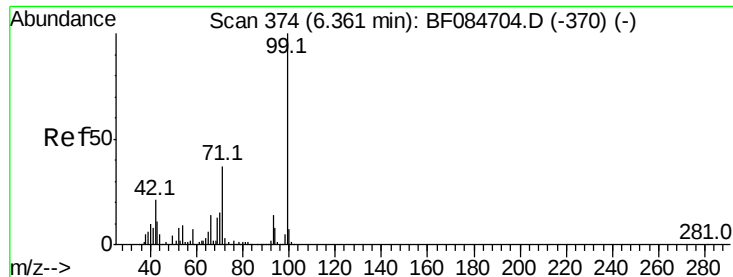


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.74 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Instrument :

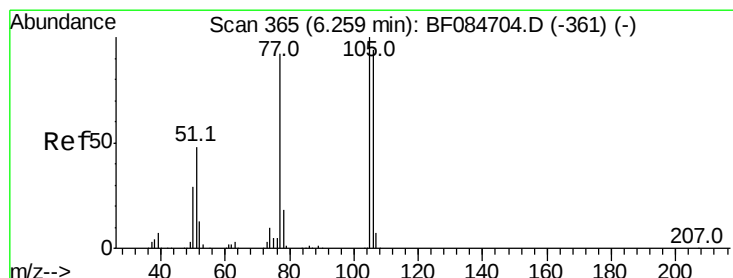
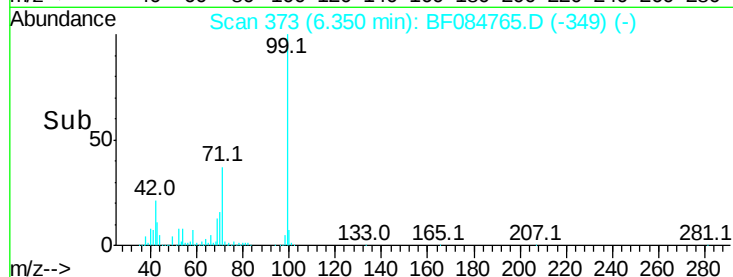
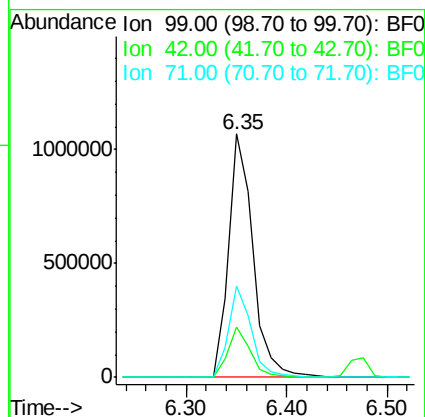
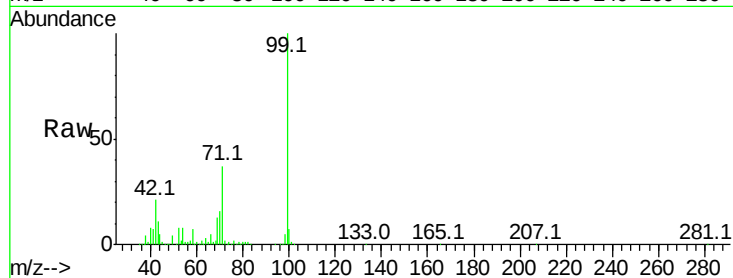
BNA_F

ClientSampleId :

SUP-B012(10-12.5)

Tot Ion: 99 Resp: 1795015

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.5	30.9	46.3



#9

Benzaldehyde

Concen: 4.18 ng

RT: 6.25 min Scan# 364

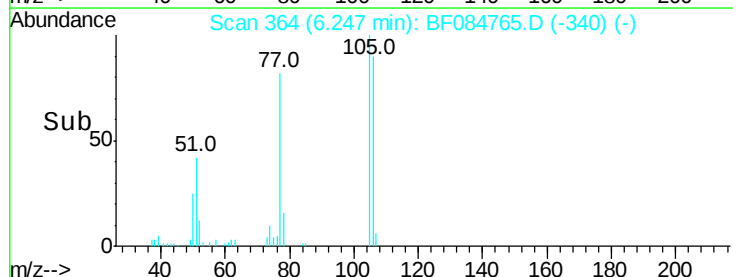
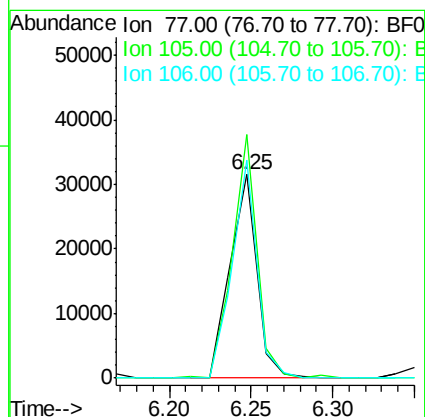
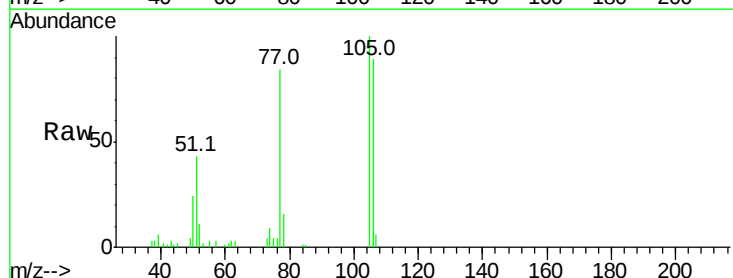
Delta R.T. -0.02 min

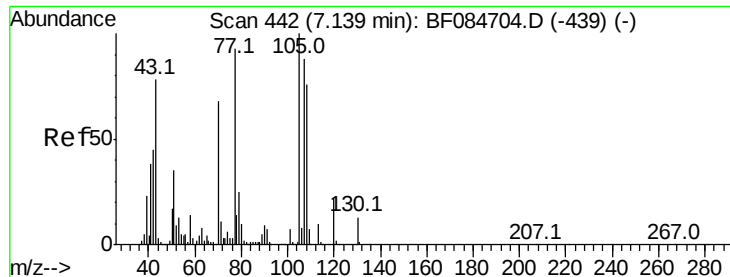
Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Tgt Ion: 77 Resp: 35520

Ion	Ratio	Lower	Upper
77	100		
105	119.6	83.0	123.0
106	106.9	74.6	114.6

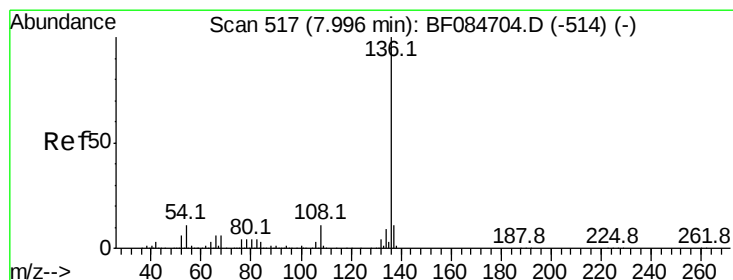
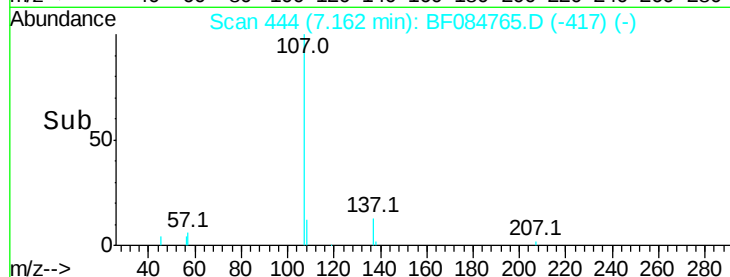
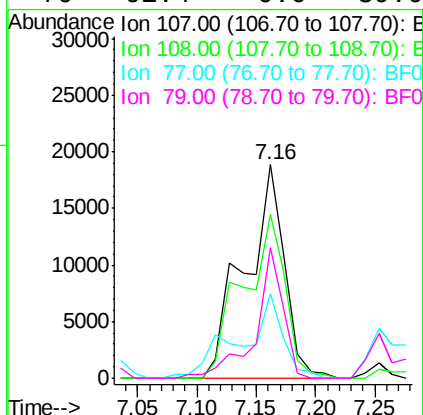
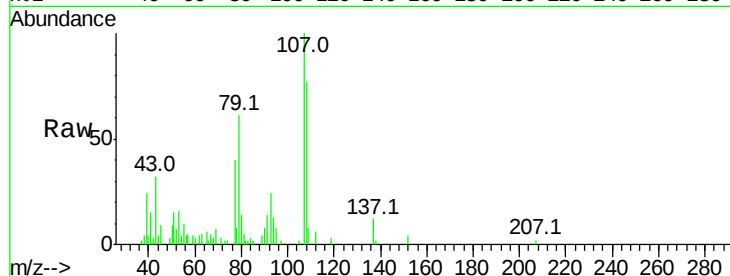




#20
3+4-Methylphenols
Concen: 3.39 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

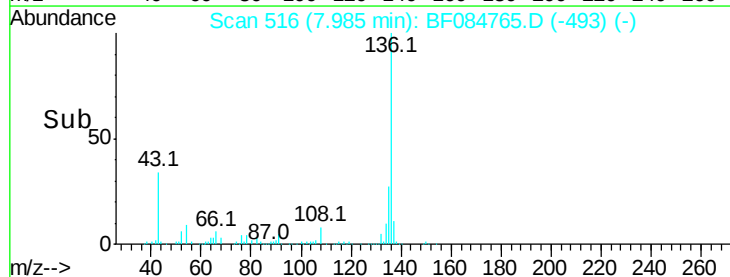
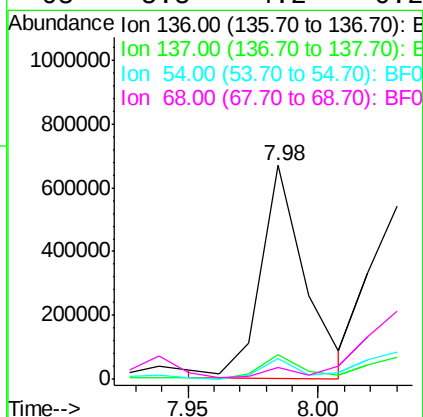
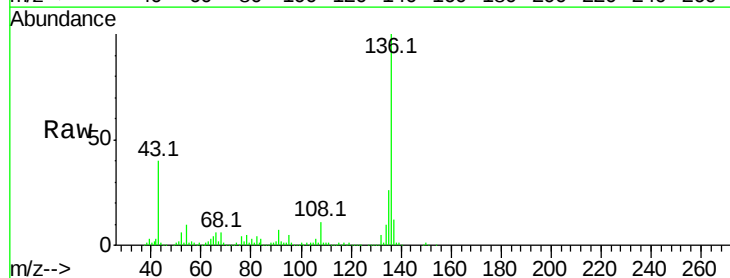
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

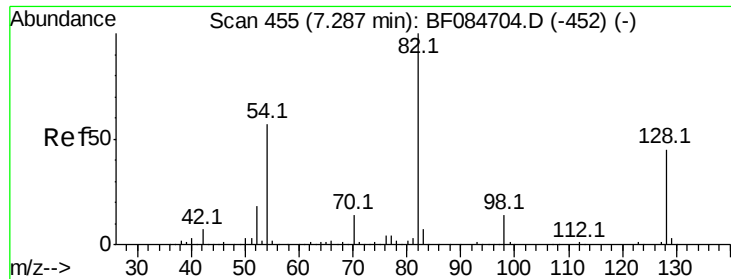
Tot Ion:107 Resp: 43673
Ion Ratio Lower Upper
107 100
108 77.0 74.6 114.6
77 39.7 0.7 40.7
79 61.4 0.0 39.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

Tgt Ion:136 Resp: 779962
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 9.6 5.8 8.8#
68 5.5 4.2 6.2

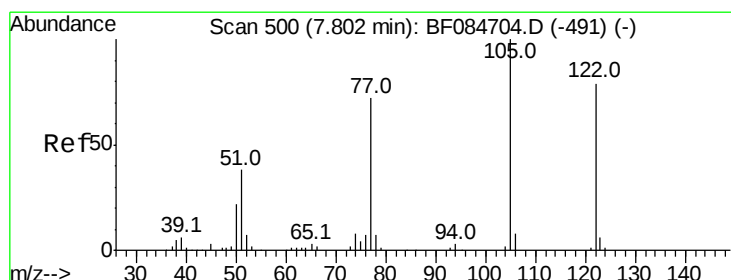
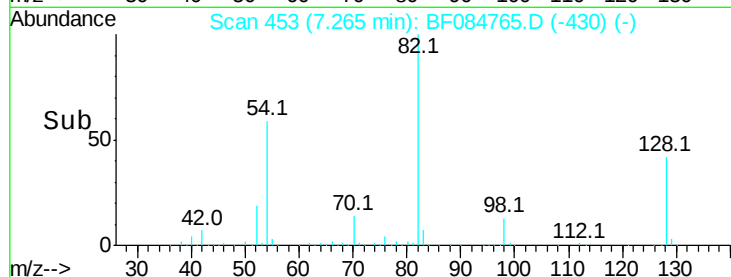
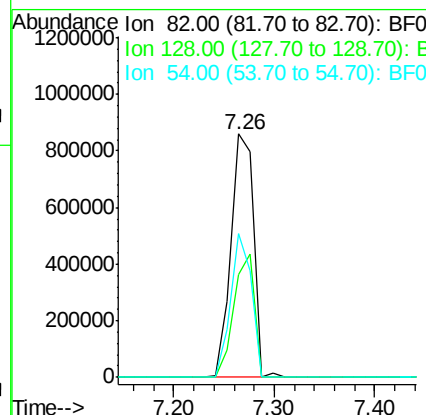
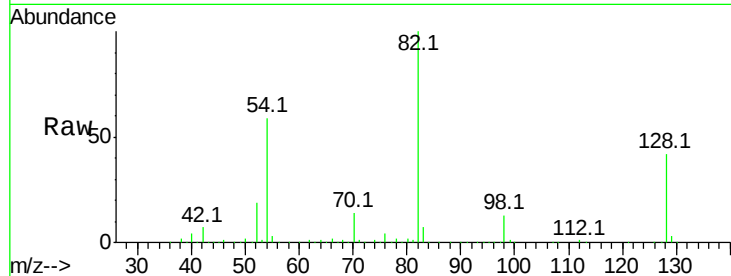




#23
 Nitrobenzene-d5
 Concen: 96.75 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084765.D
 Acq: 3 Feb 2016 1:36

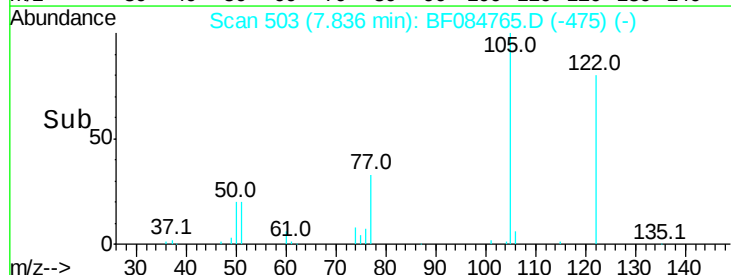
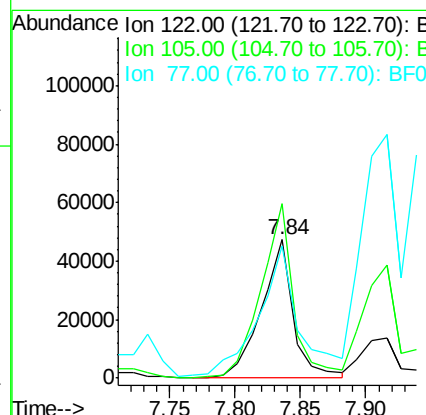
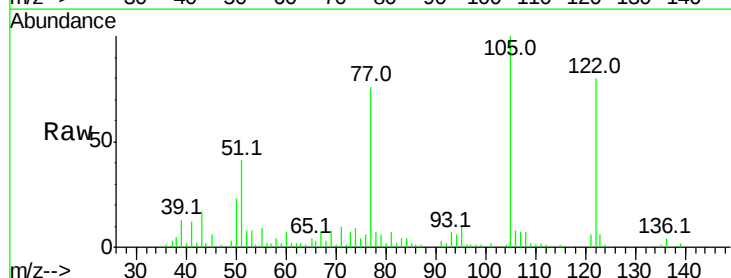
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

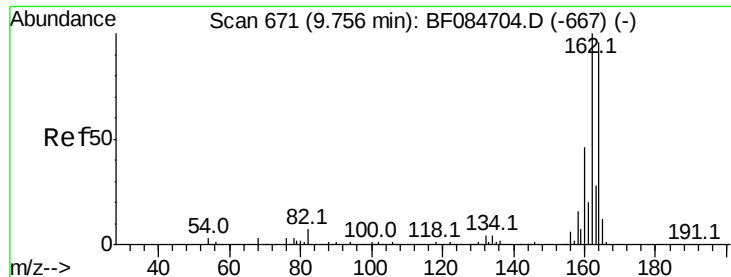
Tot Ion: 82 Resp: 1339595
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 51.8
 54 59.0 38.4 57.6#



#32
 Benzoic acid
 Concen: 9.97 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.02 min
 Lab File: BF084765.D
 Acq: 3 Feb 2016 1:36

Tgt Ion:122 Resp: 81121
 Ion Ratio Lower Upper
 122 100
 105 125.8 100.3 140.3
 77 95.4 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SUP-B012(10-12.5)

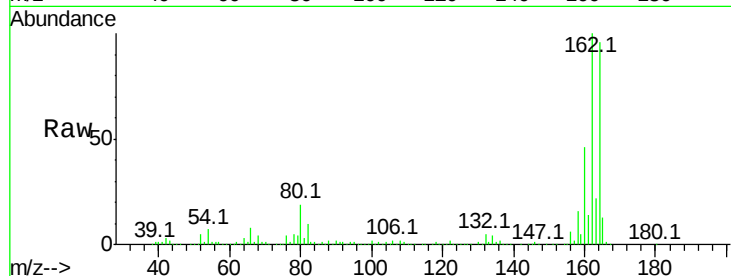
Tot Ion:164 Resp: 343338

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

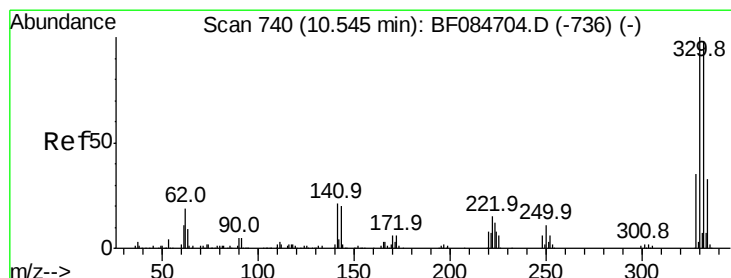
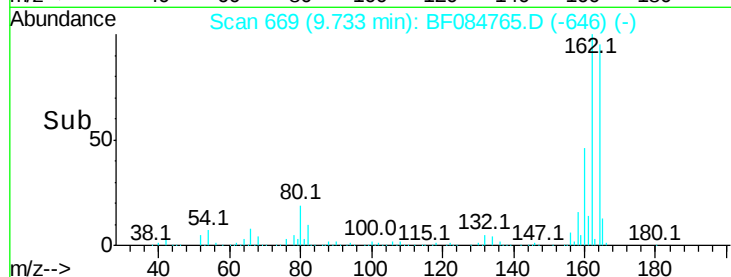
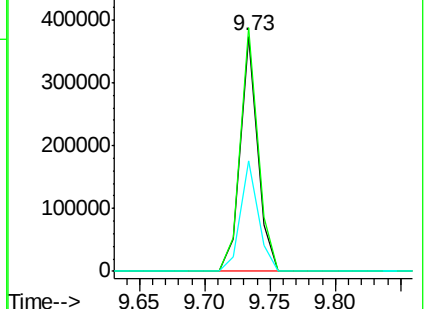
160 47.2 37.5 56.3



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: 154.10 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

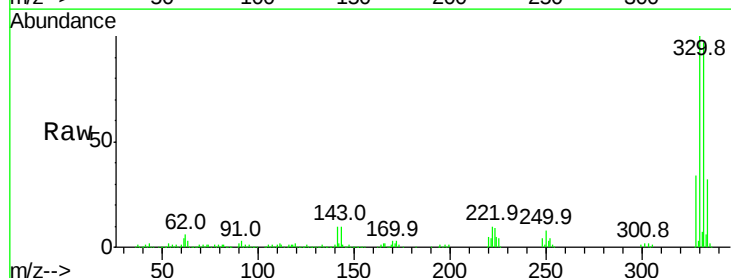
Tgt Ion:330 Resp: 551875

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

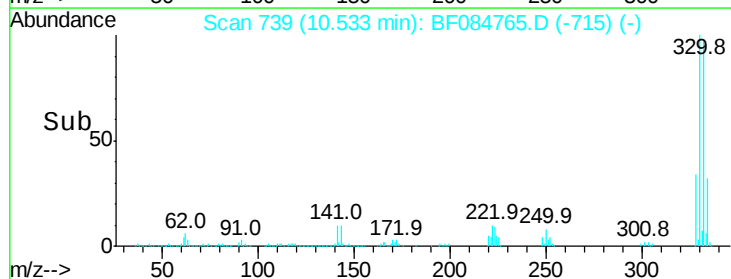
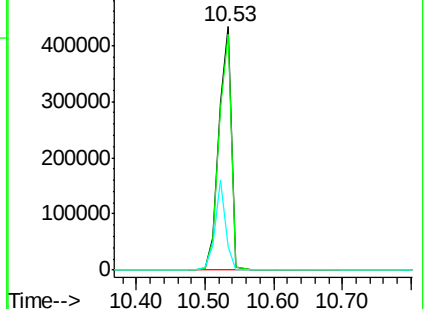
141 31.7 27.8 41.6

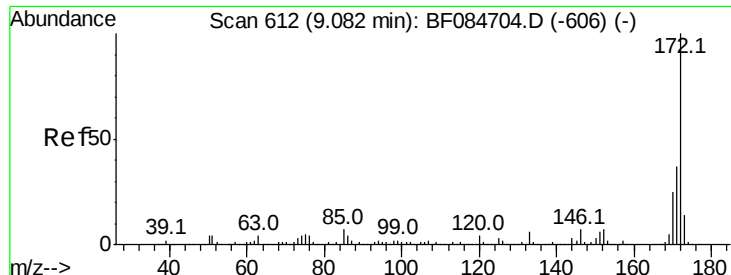


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

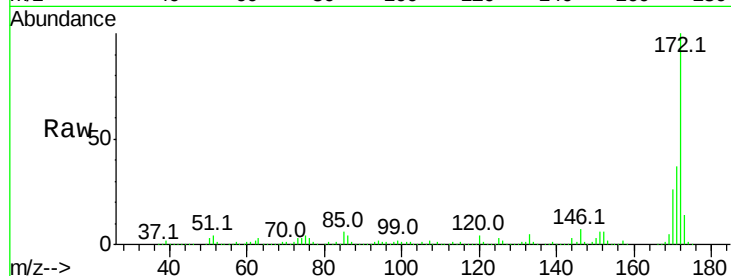




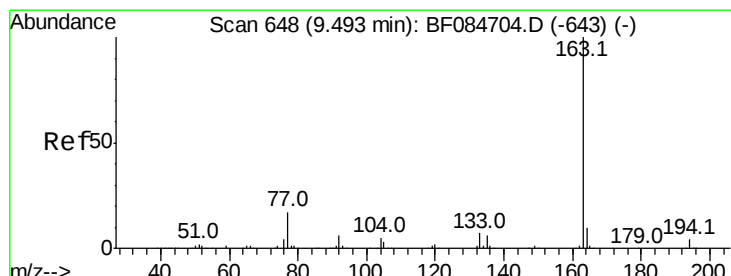
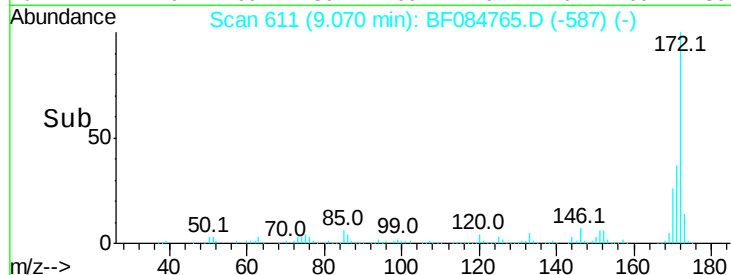
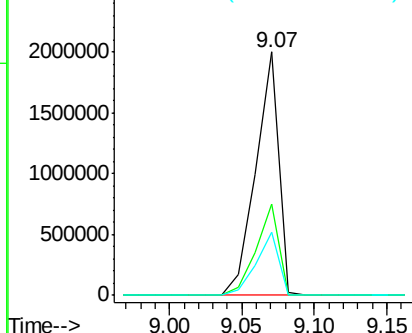
#44
2-Fluorobiphenyl
Concen: 130.87 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion:172 Resp: 2189608
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 25.9 18.6 27.8

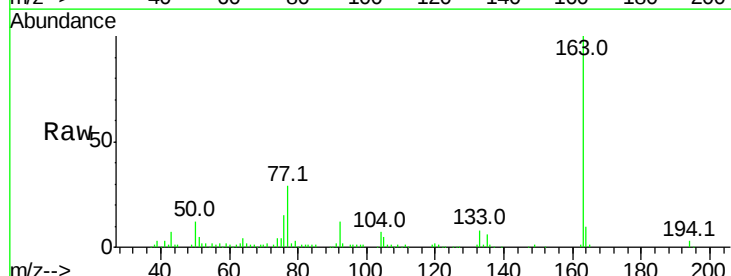


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

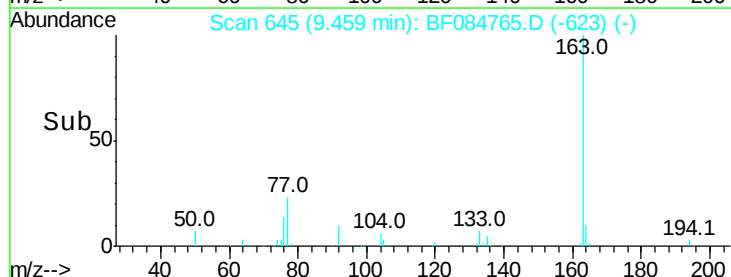
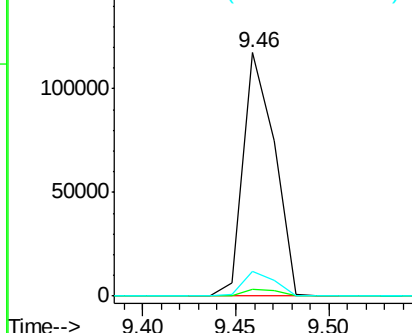


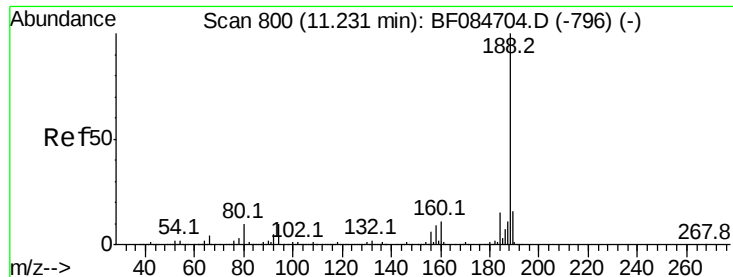
#49
Dimethylphthalate
Concen: 5.23 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

Tgt Ion:163 Resp: 136813
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.3 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

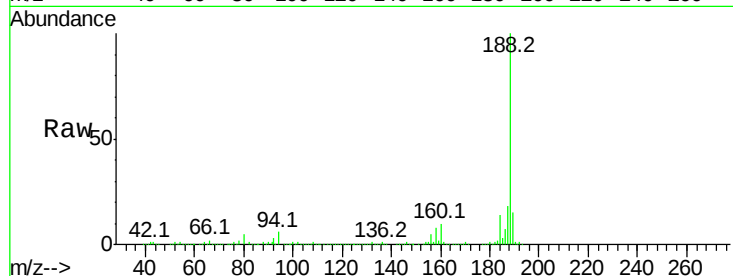




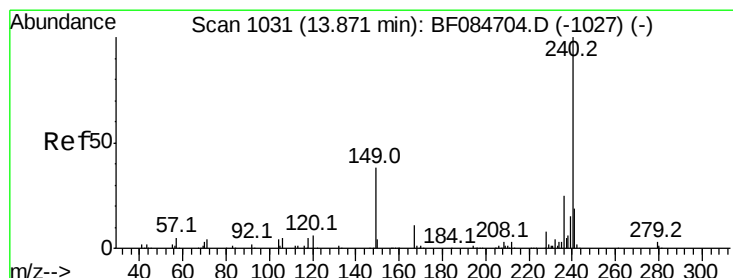
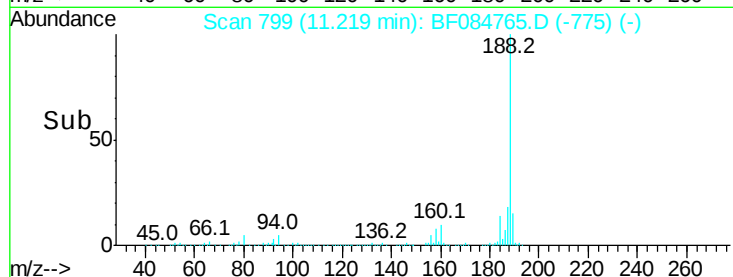
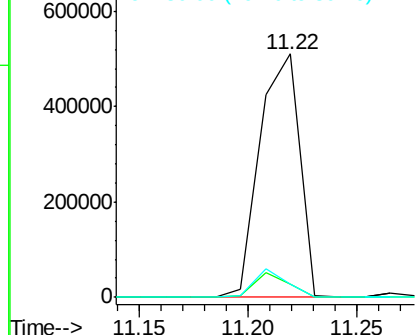
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion:188 Resp: 657688
Ion Ratio Lower Upper
188 100
94 5.6 9.0 13.4#
80 5.5 9.6 14.4#

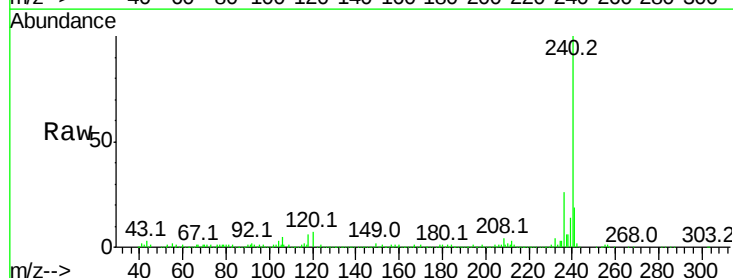


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

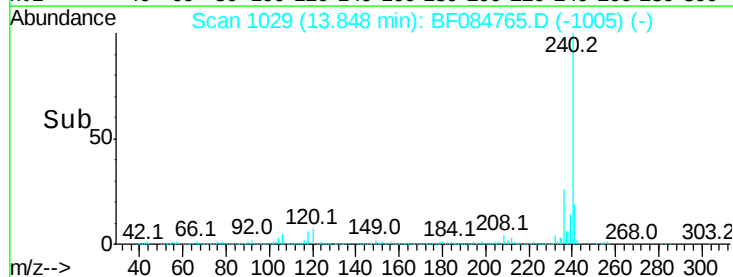
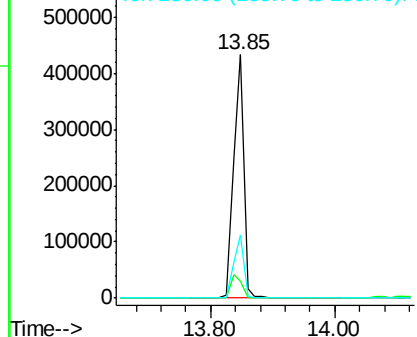


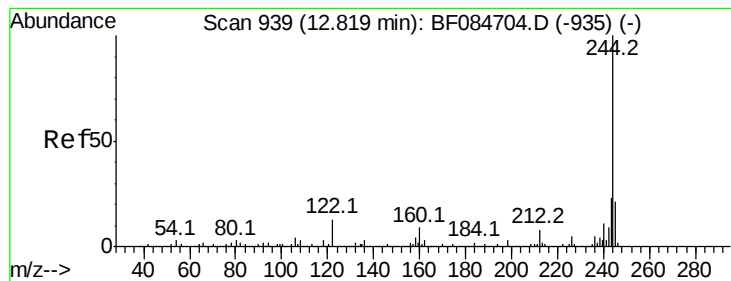
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF084765.D
Acq: 3 Feb 2016 1:36

Tgt Ion:240 Resp: 491756
Ion Ratio Lower Upper
240 100
120 7.0 9.5 14.3#
236 25.7 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: 89.64 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Instrument :

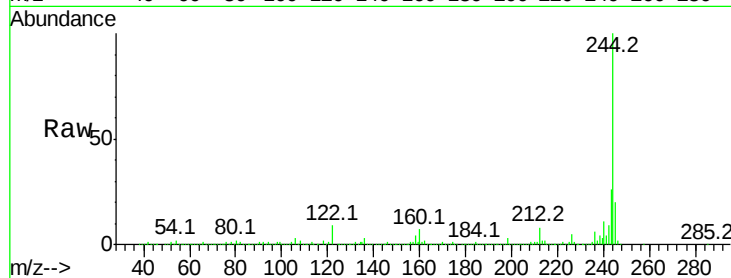
BNA_F

ClientSampleId :

SUP-B012(10-12.5)

Tot Ion:244 Resp: 1945327

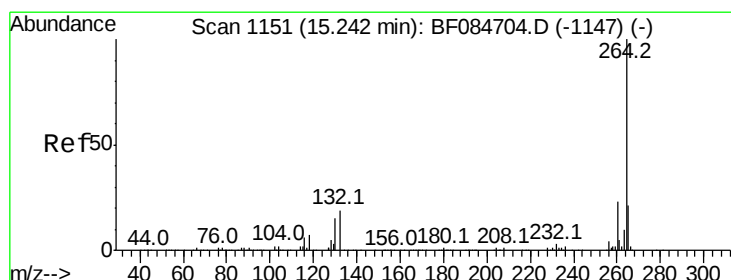
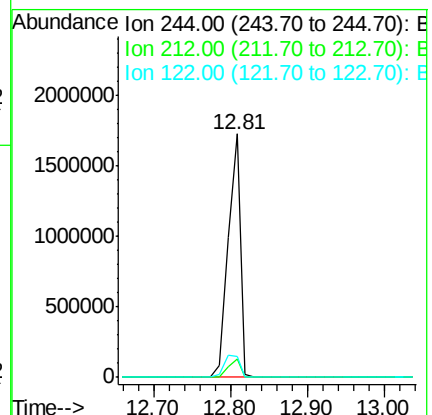
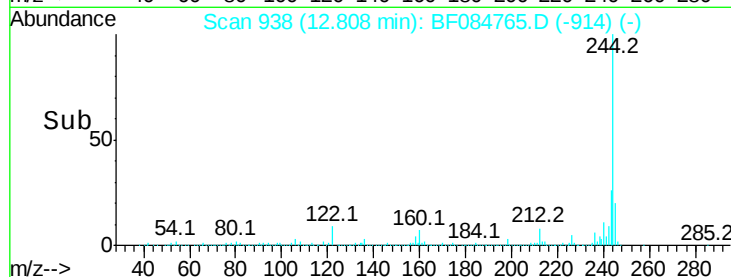
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.7	7.4	11.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1149

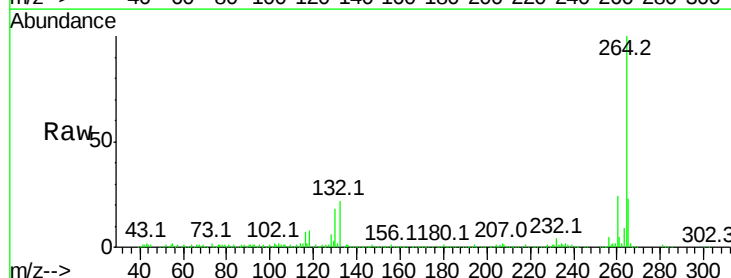
Delta R.T. -0.03 min

Lab File: BF084765.D

Acq: 3 Feb 2016 1:36

Tgt Ion:264 Resp: 364622

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.7	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

