

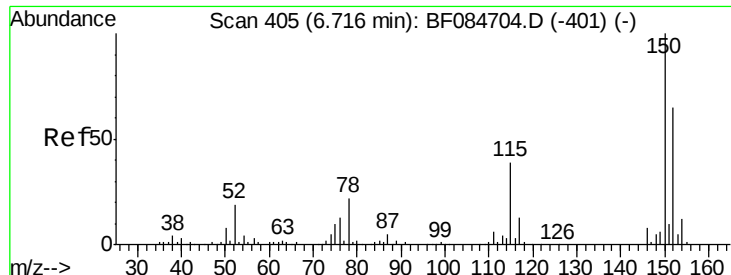
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084757.D
 Acq On : 2 Feb 2016 20:32
 Operator : SJ/IZ
 Sample : H1314-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

Quant Time: Feb 03 00:19:10 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	168399	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	738055	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	330818	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	637335	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	559340	20.00	ng	-0.02
86) Perylene-d12	15.22	264	391953	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1378275	127.48	ng	-0.01
7) Phenol-d6	6.35	99	1661490	123.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1073590	81.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	492805	142.81	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2129189	134.15	ng	-0.02
78) Terphenyl-d14	12.81	244	1986653	80.48	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.85	79	19291	2.08	ng	# 43
19) n-Nitroso-di-n-propylamine	7.26	70	147160	17.52	ng	# 71
25) Isophorone	7.26	82	858374	33.69	ng	# 66
49) Dimethylphthalate	9.46	163	435933	17.30	ng	# 89
56) 2,4-Dinitrotoluene	9.73	165	43674	6.22	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	26977	3.83	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001

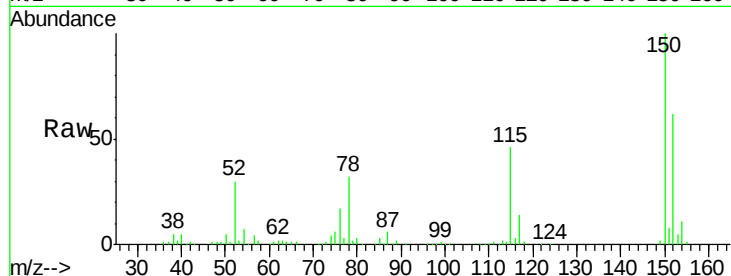
Tgt Ion:152 Resp: 168399

Ion Ratio Lower Upper

152 100

150 161.3 123.0 184.4

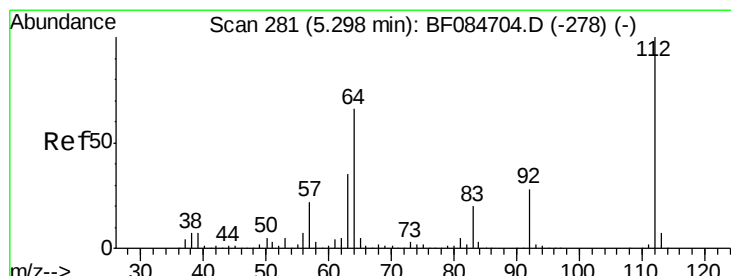
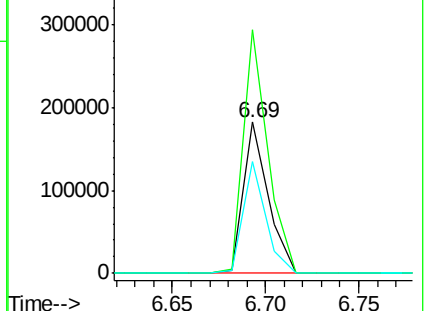
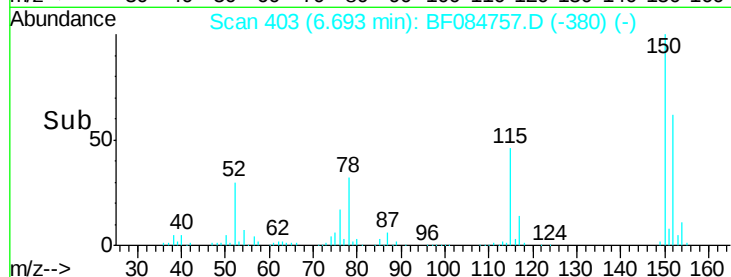
115 73.7 51.4 77.2



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: 127.48 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

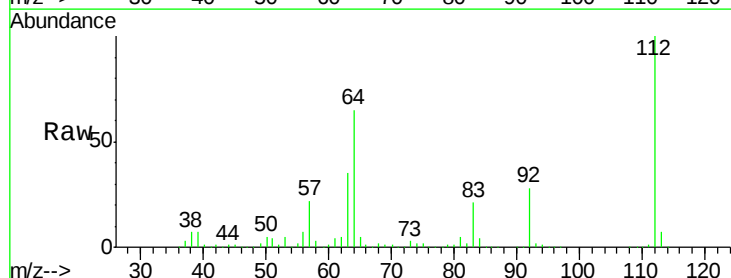
Tgt Ion:112 Resp: 1378275

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

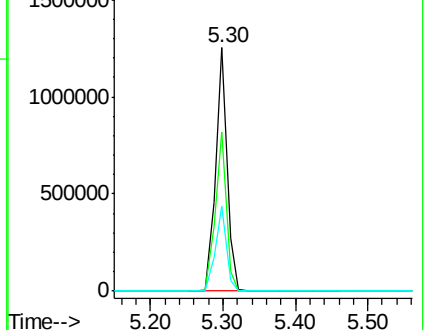
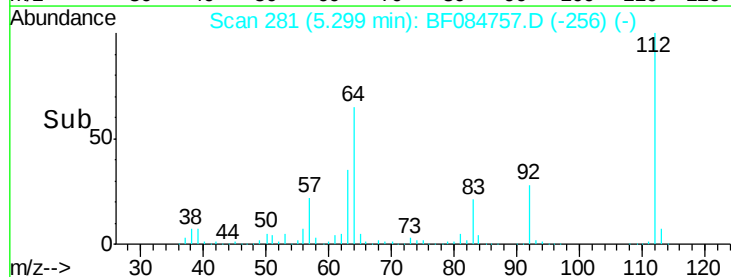
63 34.9 19.4 29.0#

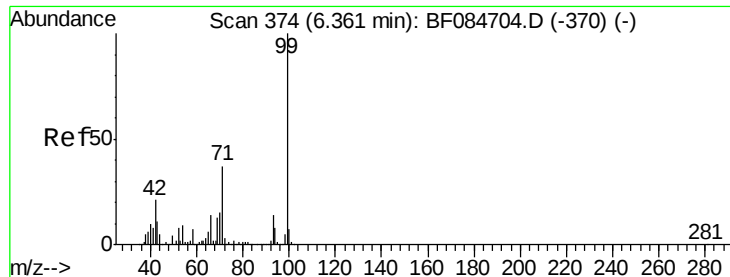


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

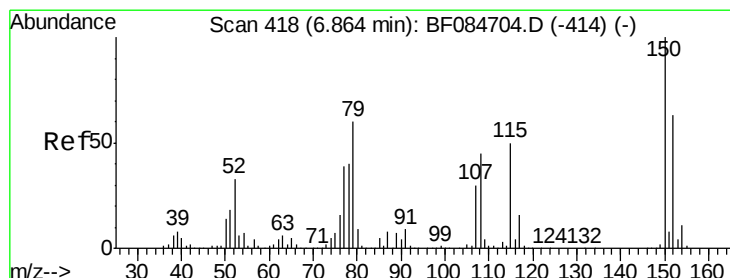
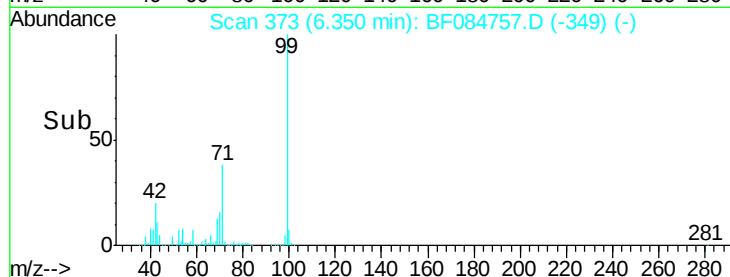
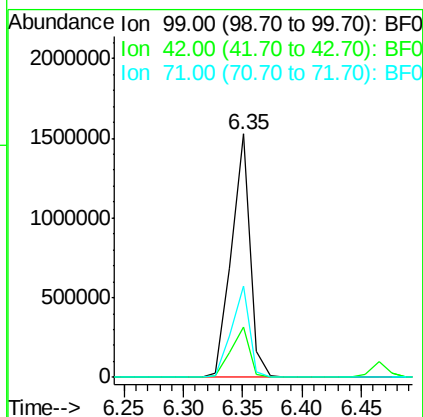
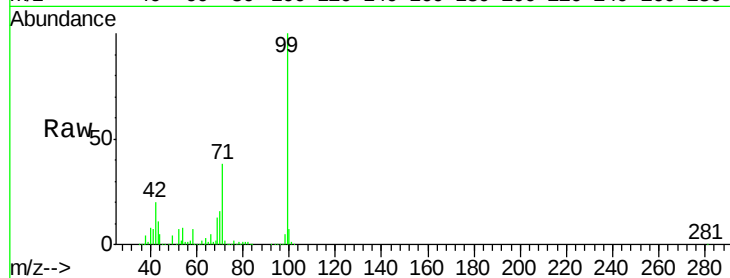
BNA_F

ClientSampleId :

IMPACT-PS-001

Tgt Ion: 99 Resp: 1661490

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.8	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.85 min Scan# 417

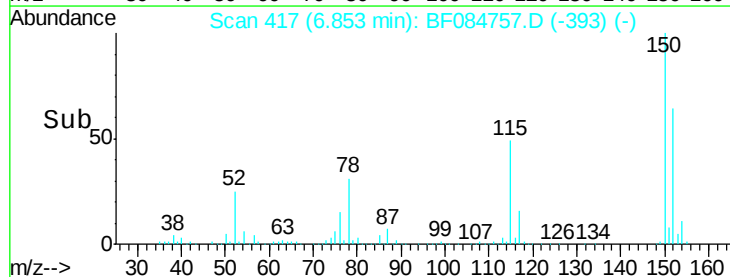
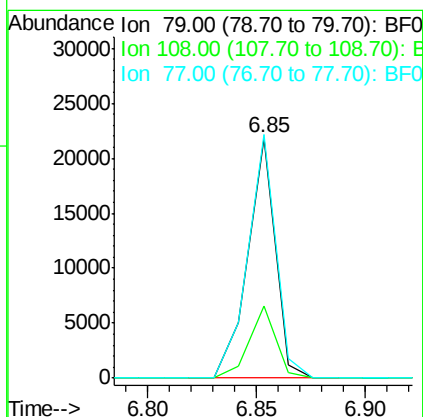
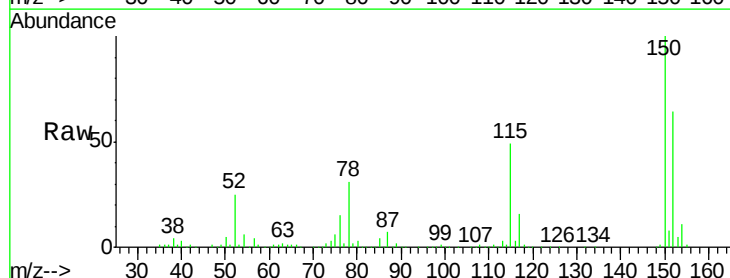
Delta R.T. -0.02 min

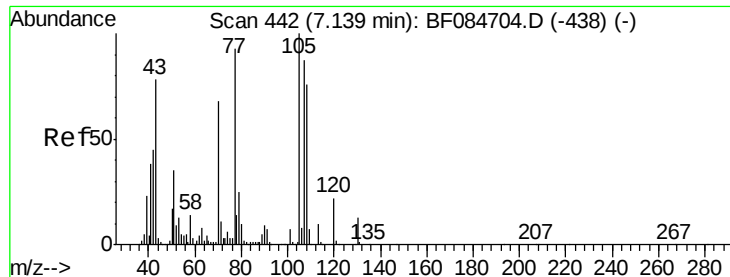
Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Tgt Ion: 79 Resp: 19291

Ion	Ratio	Lower	Upper
79	100		
108	30.0	69.0	103.4#
77	101.4	50.0	75.0#

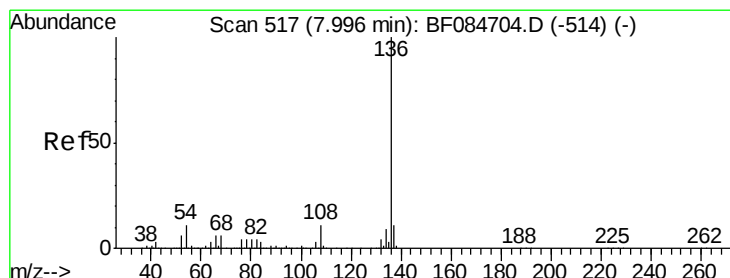
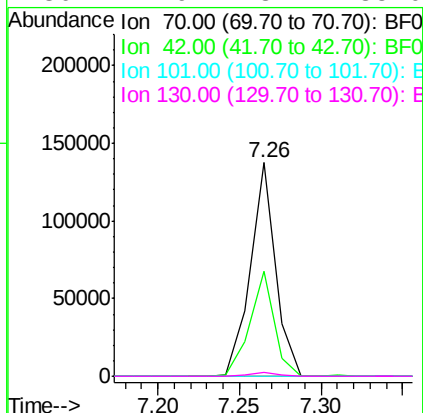
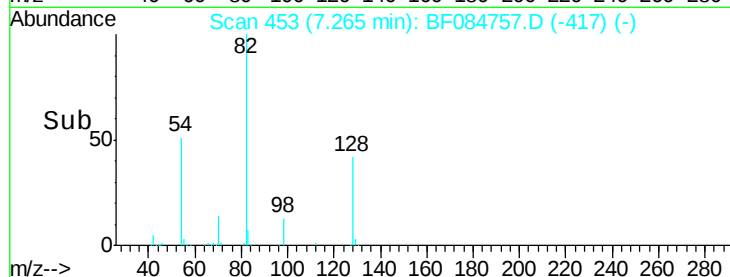
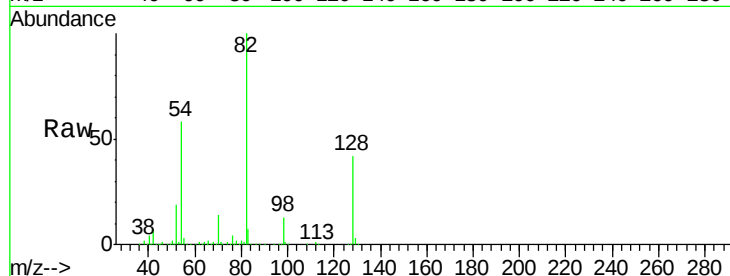




#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.11 min
Lab File: BF084757.D
Acq: 2 Feb 2016 20:32

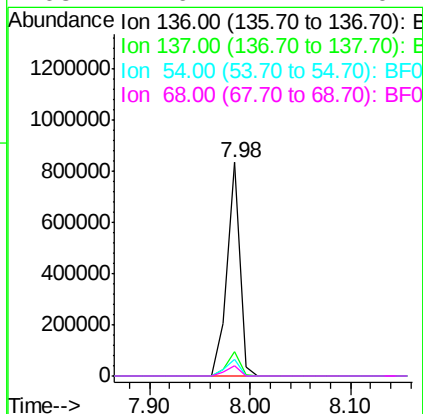
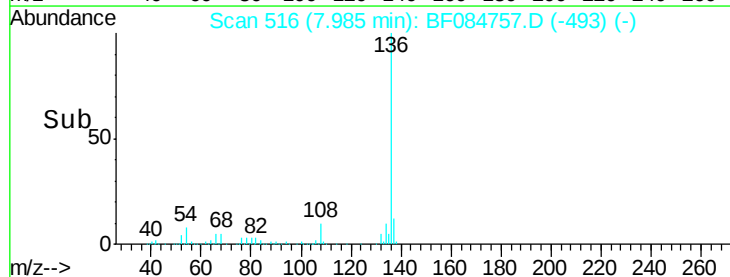
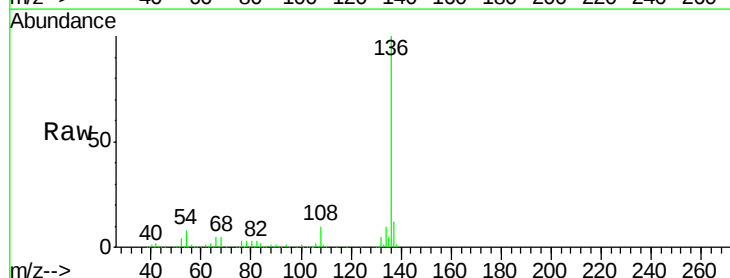
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001

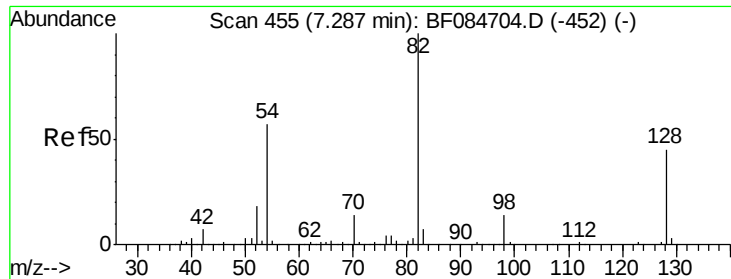
Tgt Ion: 70 Resp: 147160
Ion Ratio Lower Upper
70 100
42 49.3 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084757.D
Acq: 2 Feb 2016 20:32

Tgt Ion:136 Resp: 738055
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 7.8 5.8 8.8
68 4.6 4.2 6.2

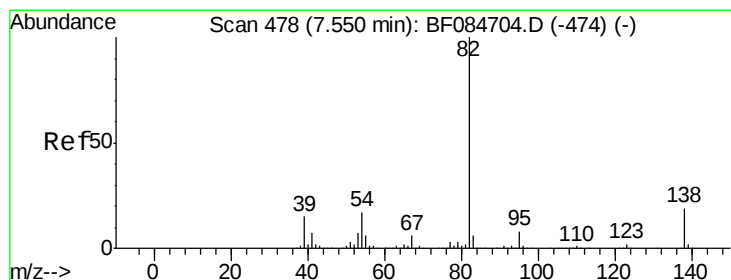
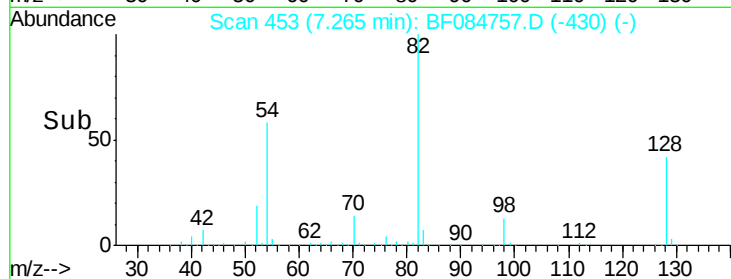
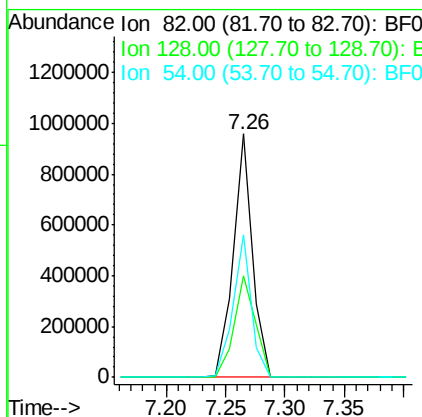
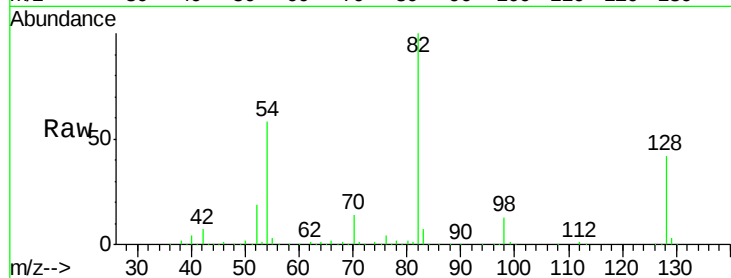




#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

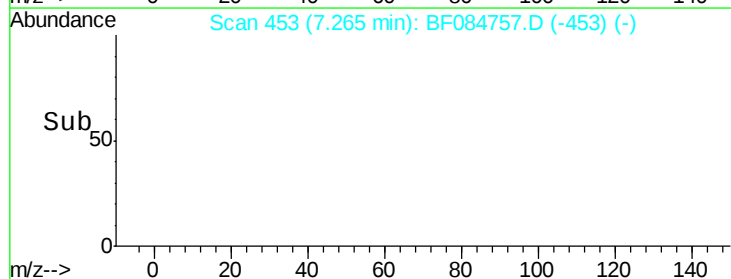
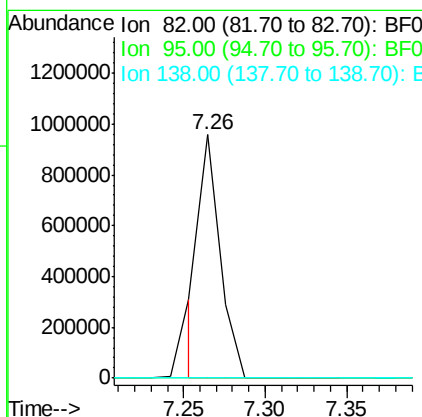
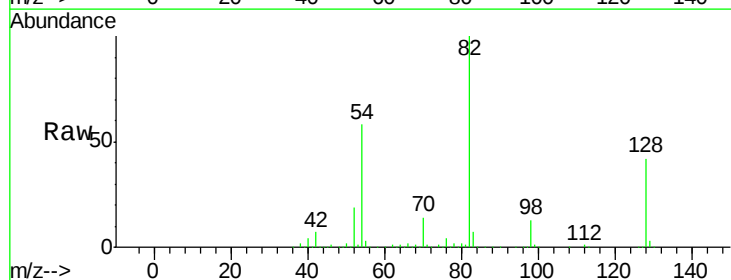
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

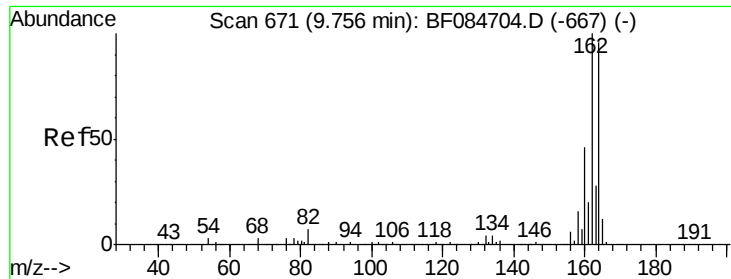
Tgt Ion: 82 Resp: 1073590
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 58.4 38.4 57.6#



#25
 Isophorone
 Concen: 33.69 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.30 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion: 82 Resp: 858374
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001

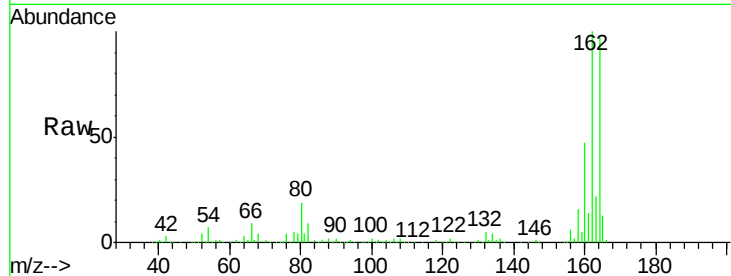
Tgt Ion:164 Resp: 330818

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

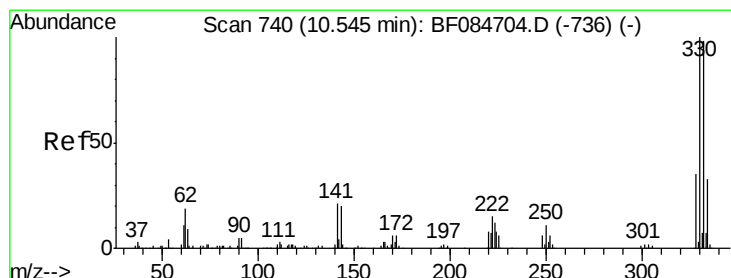
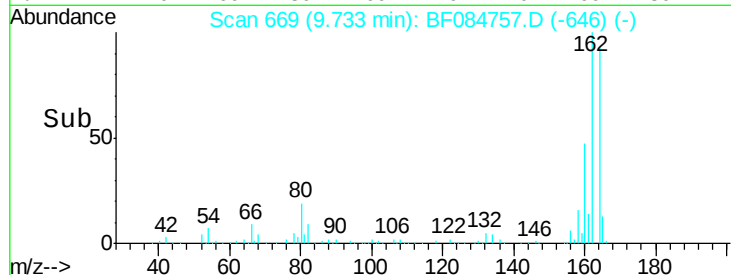
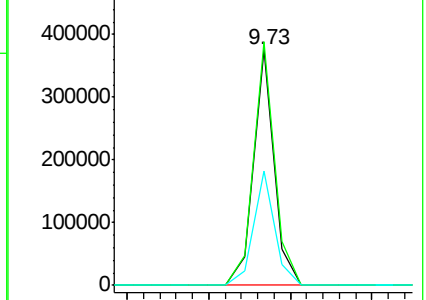
160 48.3 37.5 56.3



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: 142.81 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

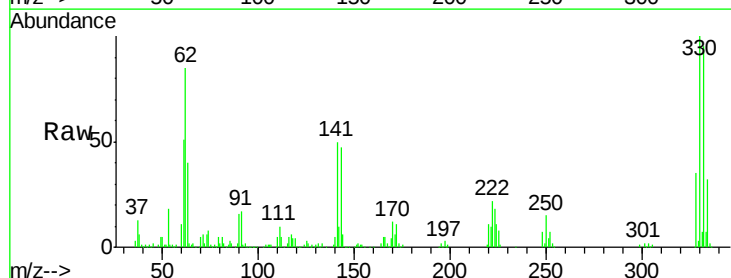
Tgt Ion:330 Resp: 492805

Ion Ratio Lower Upper

330 100

332 98.6 76.6 114.8

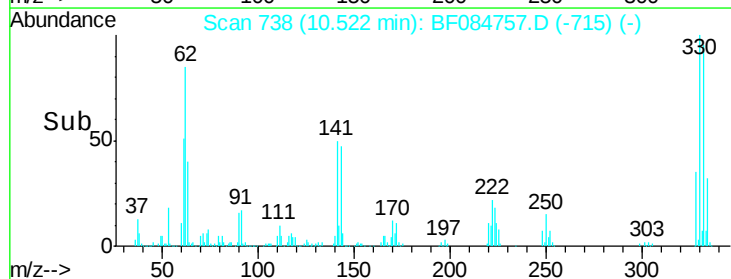
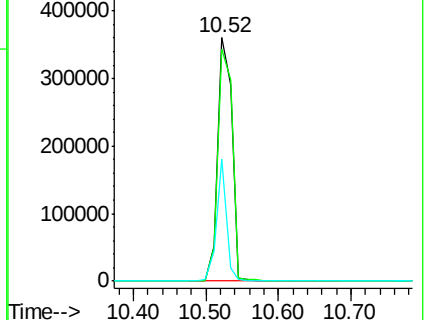
141 34.8 27.8 41.6

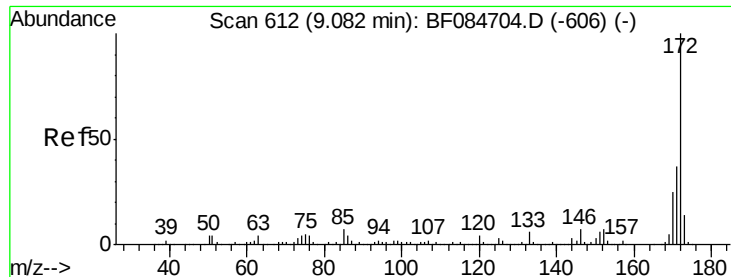


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

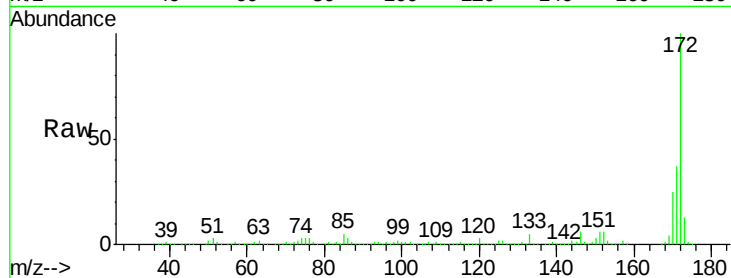




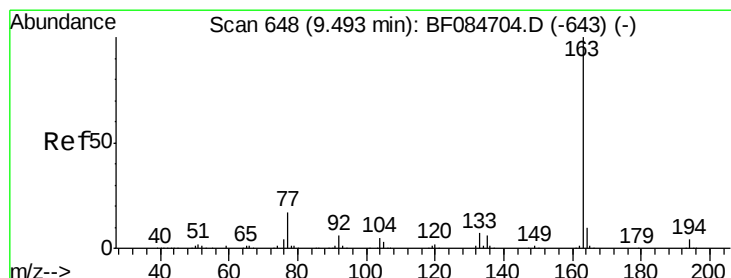
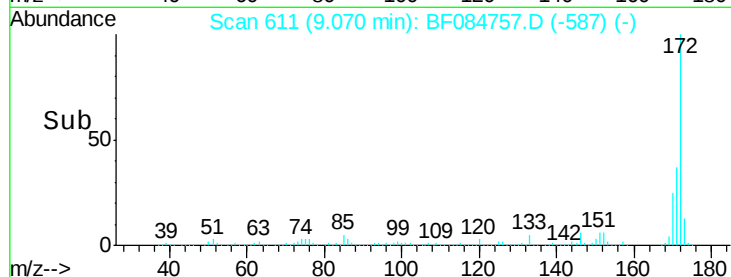
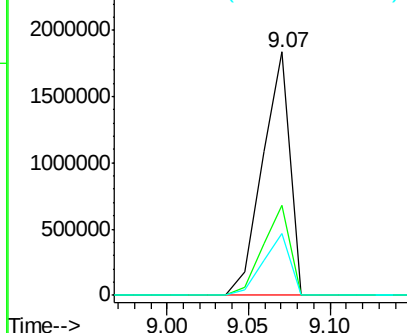
#44
 2-Fluorobiphenyl
 Concen: 134.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

Tgt Ion:172 Resp: 2129189
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.4 18.6 27.8

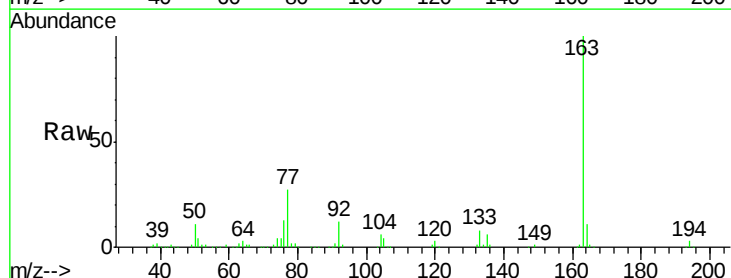


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

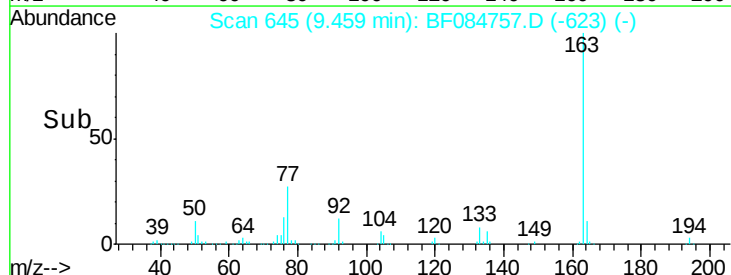
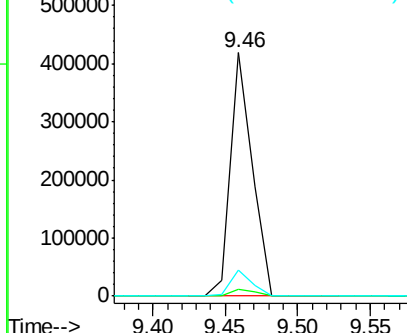


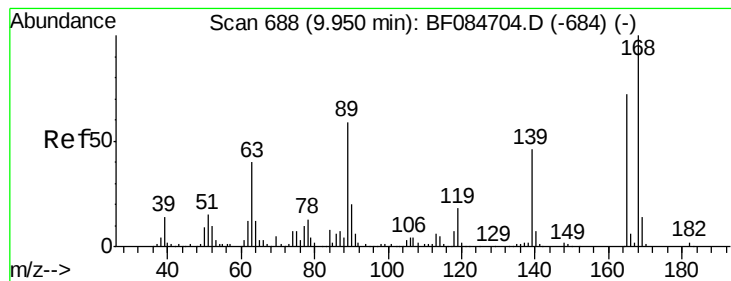
#49
 Dimethylphthalate
 Concen: 17.30 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.05 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion:163 Resp: 435933
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.6 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

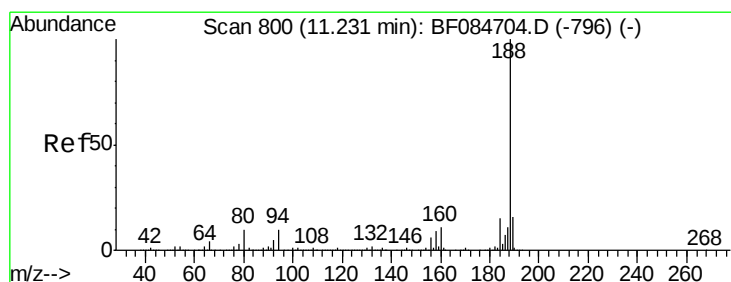
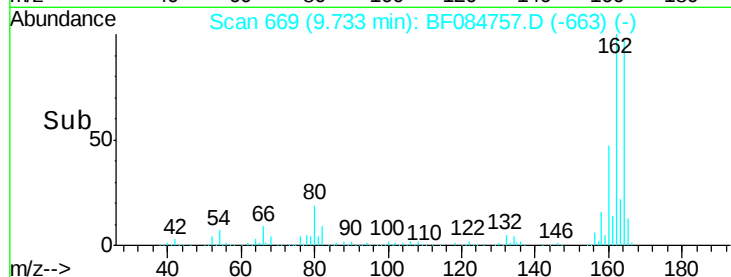
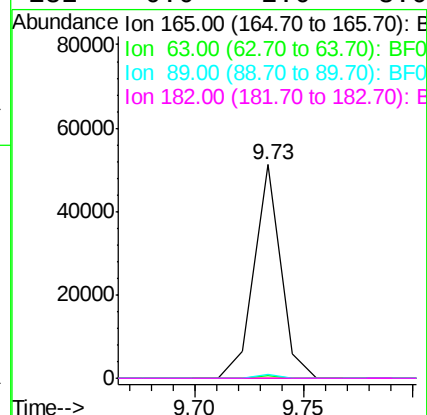
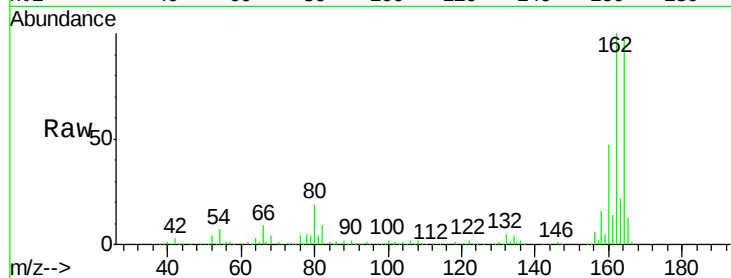




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

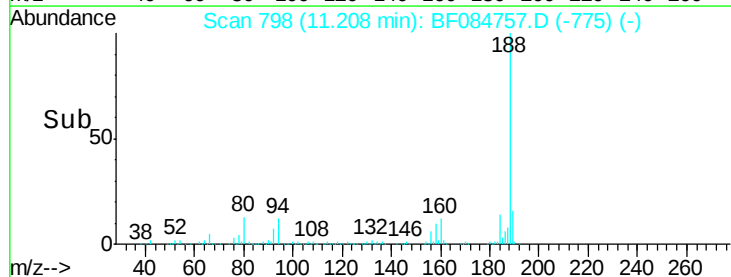
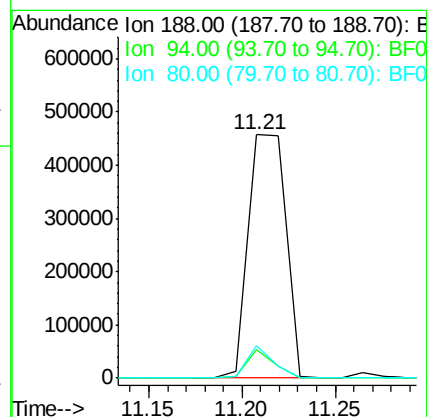
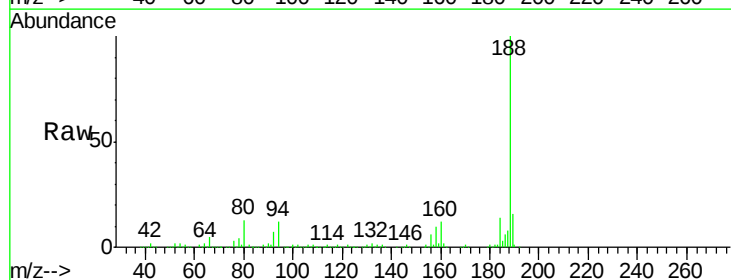
Instrument :
 BNA_F
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 IMPACT-PS-001

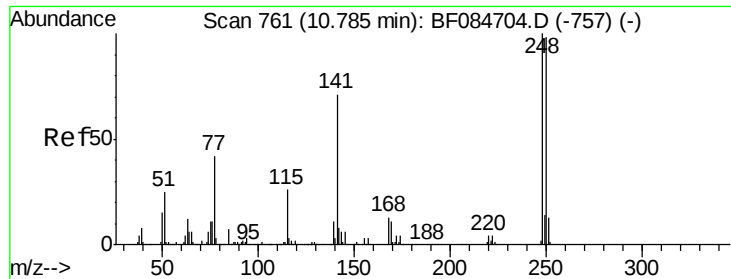
Tgt Ion:	165	Resp:	43674
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion:	188	Resp:	637335
Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	13.3	9.6	14.4

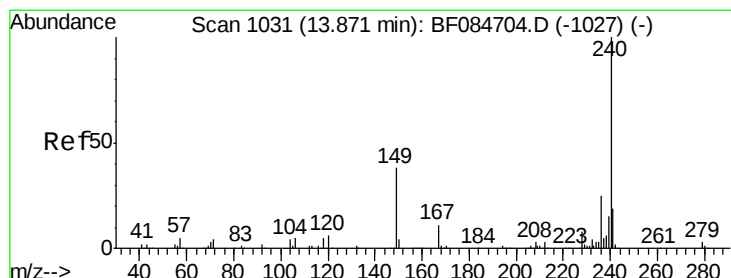
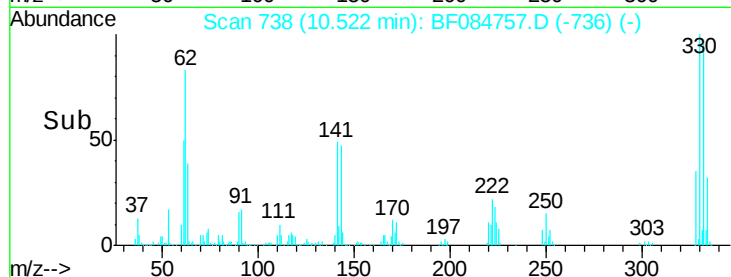
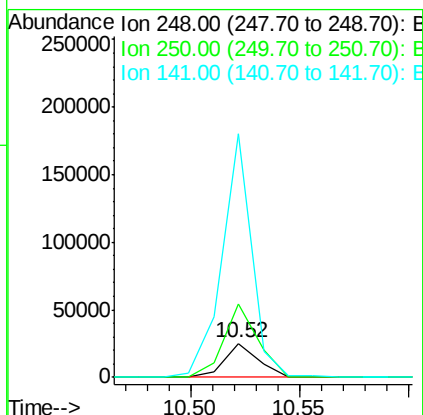
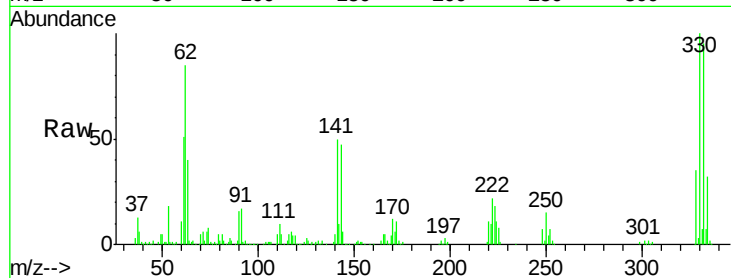




#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.27 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

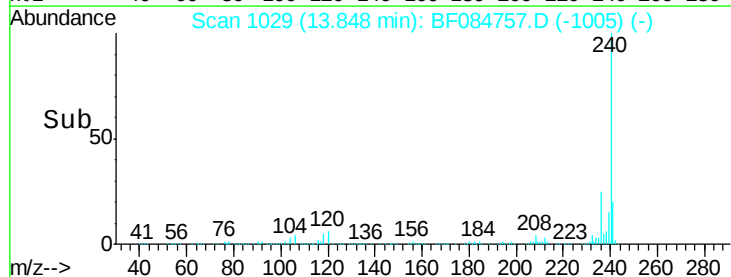
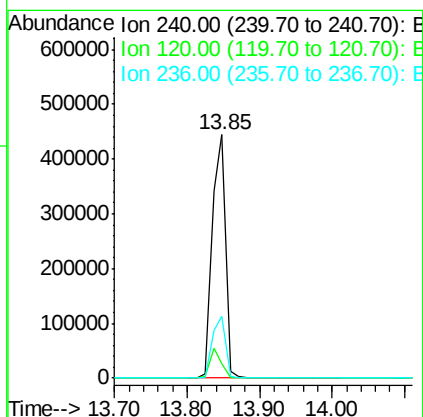
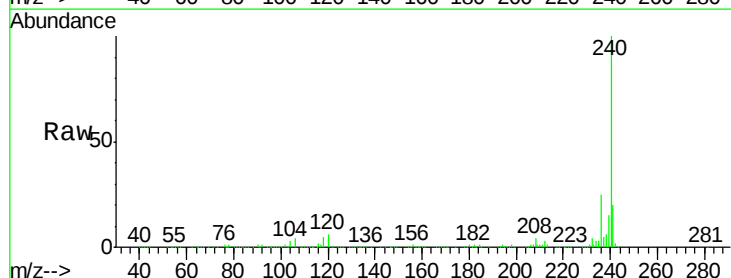
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

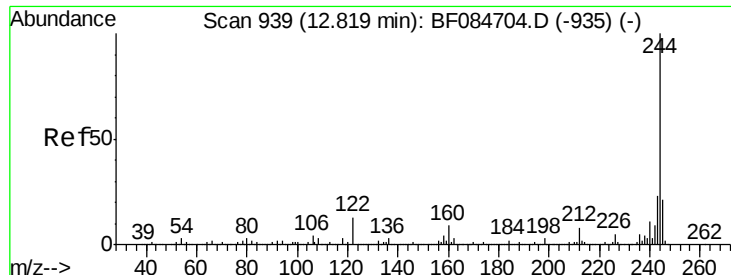
Tgt Ion:248 Resp: 26977
 Ion Ratio Lower Upper
 248 100
 250 214.8 78.4 117.6#
 141 716.3 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion:240 Resp: 559340
 Ion Ratio Lower Upper
 240 100
 120 6.2 9.5 14.3#
 236 25.2 20.6 31.0

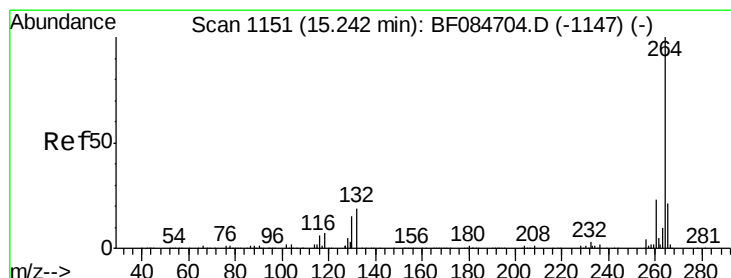
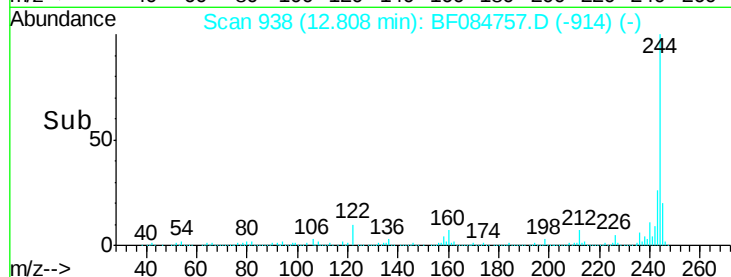
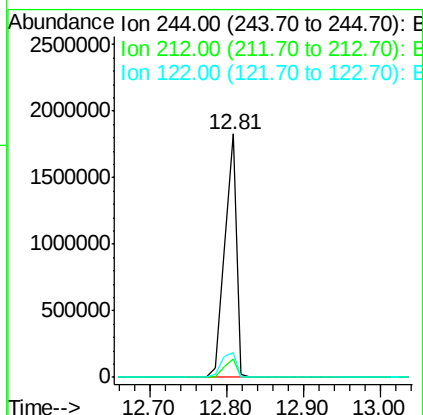
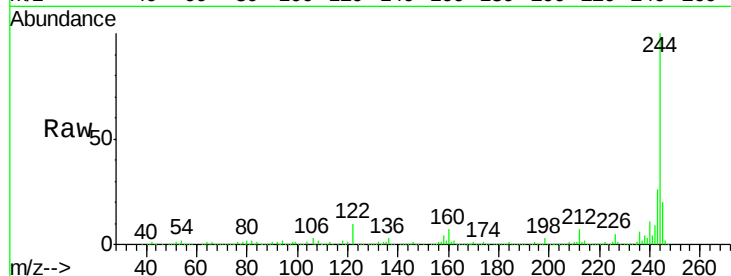




#78
 Terphenyl-d14
 Concen: 80.48 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

Tgt Ion:244 Resp: 1986653
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.9 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion:264 Resp: 391953
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.4 17.8 26.6

