

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087160.D
 Acq On : 18 May 2016 23:11
 Operator : UM/SJ
 Sample : H3143-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

Quant Time: May 19 03:53:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

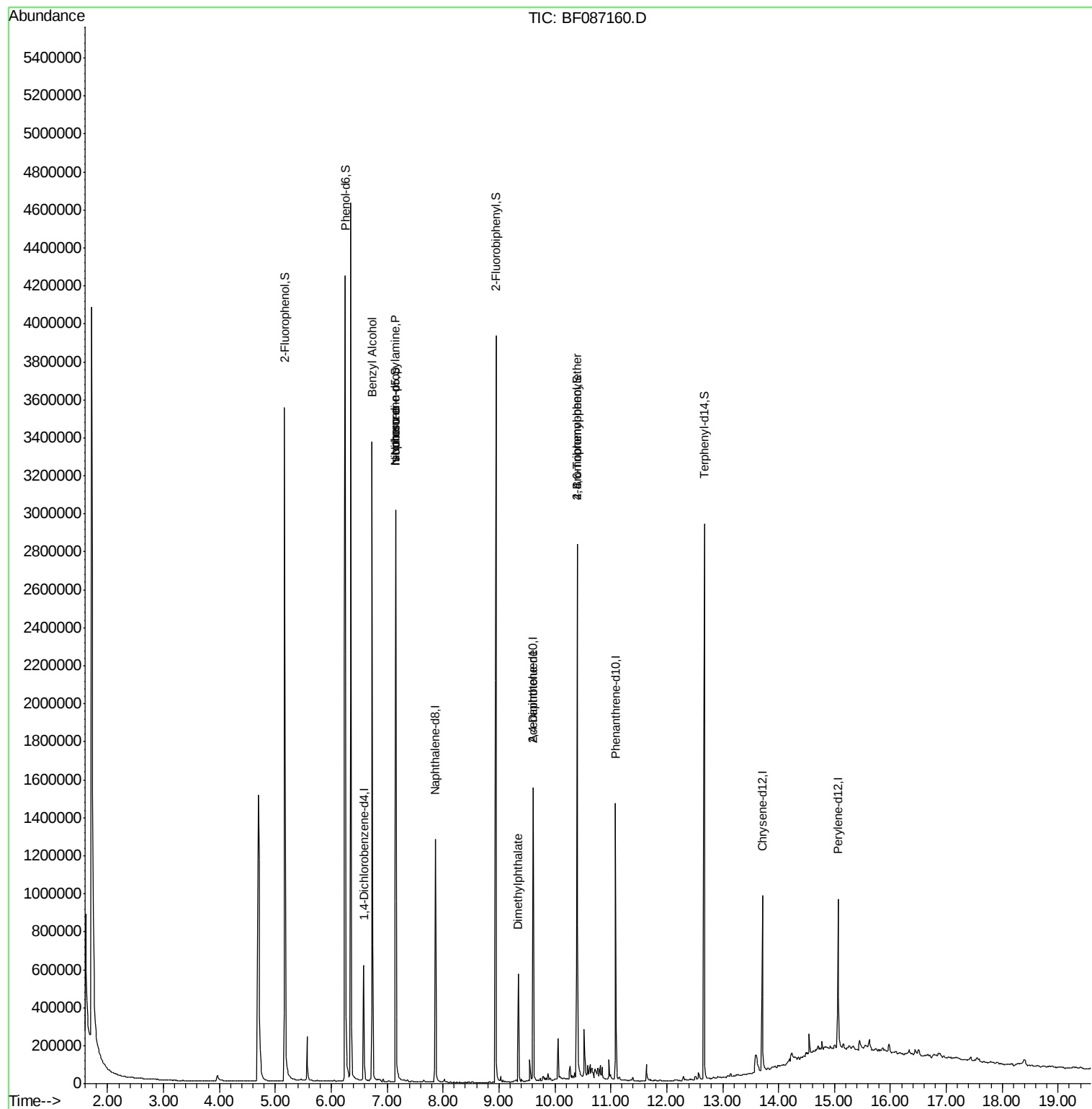
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	132013	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	557375	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	272957	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	484275	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	346226	20.00	ng	-0.05
86) Perylene-d12	15.06	264	324013	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1072448	136.55	ng	-0.03
7) Phenol-d6	6.25	99	1499757	142.38	ng	-0.03
23) Nitrobenzene-d5	7.15	82	971550	86.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	351060	116.39	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1382320	83.87	ng	-0.03
78) Terphenyl-d14	12.67	244	1069395	69.87	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.73	79	15828	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	7.15	70	141027	17.61	ng	# 74
25) Isophorone	7.15	82	763342	37.29	ng	# 68
49) Dimethylphthalate	9.35	163	218962	10.52	ng	98
56) 2,4-Dinitrotoluene	9.61	165	34750	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	20676	4.15	ng	# 1

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

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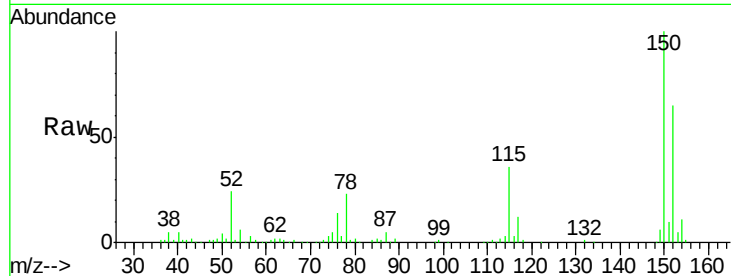


#1

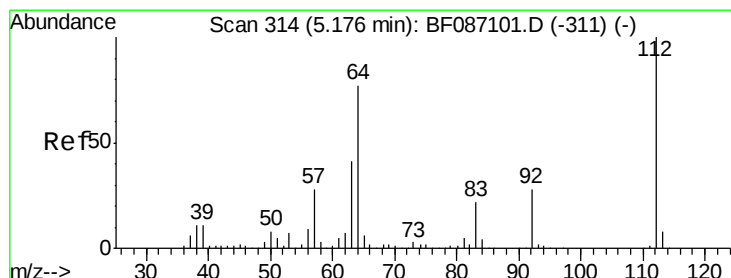
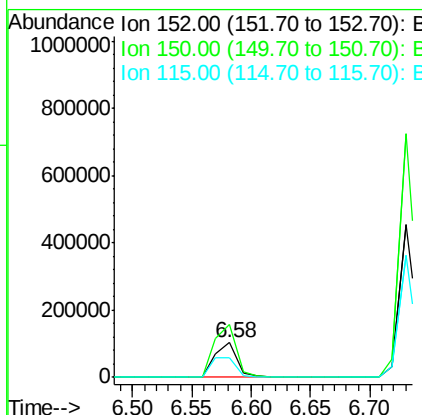
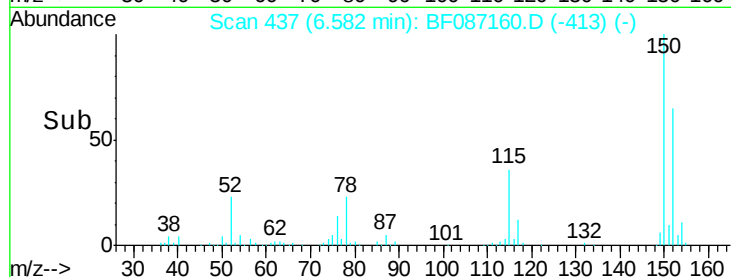
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
2-I-76(0-2)

Tgt Ion:152 Resp: 132013
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 55.5 51.5 77.3



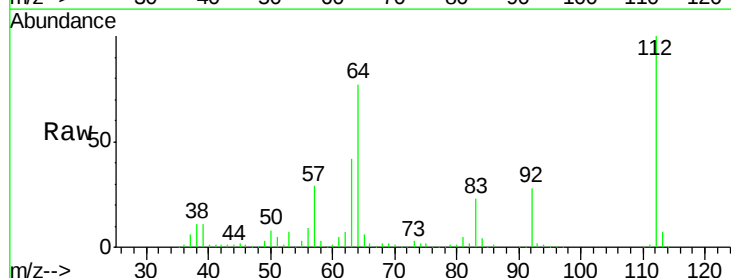
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



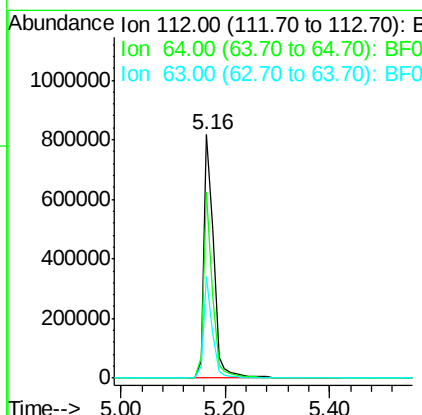
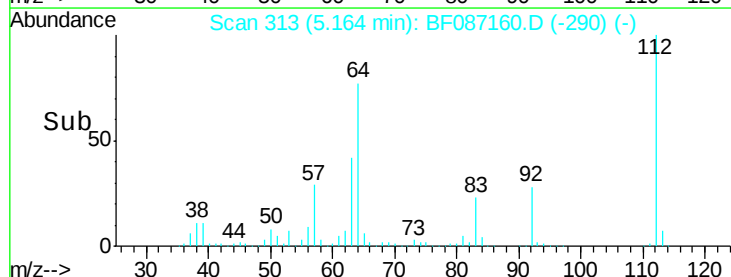
#5

2-Fluorophenol
Concen: 136.55 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

Tgt Ion:112 Resp: 1072448
Ion Ratio Lower Upper
112 100
64 76.6 52.1 78.1
63 41.9 25.7 38.5#



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: 142.38 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

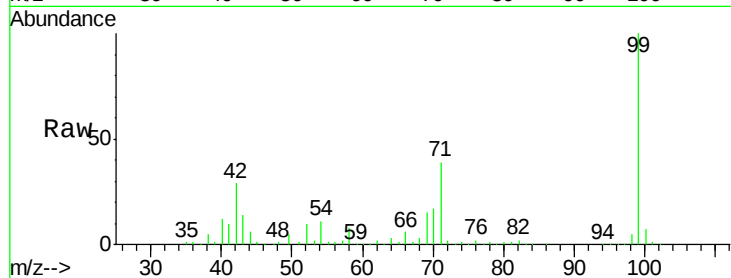
Tgt Ion: 99 Resp: 1499757

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

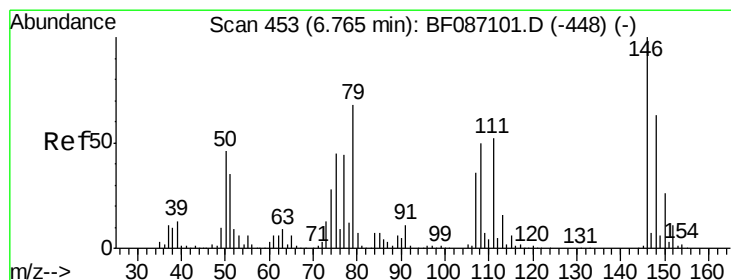
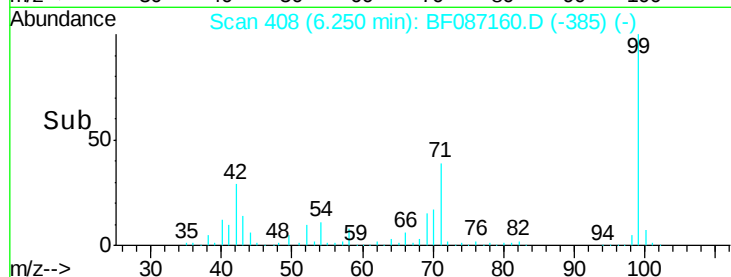
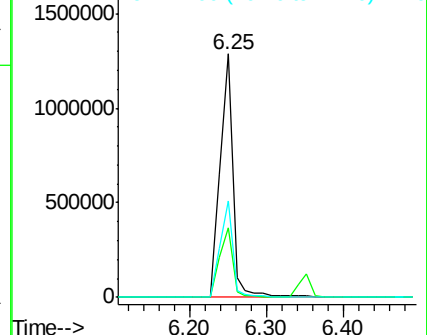
71 39.4 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

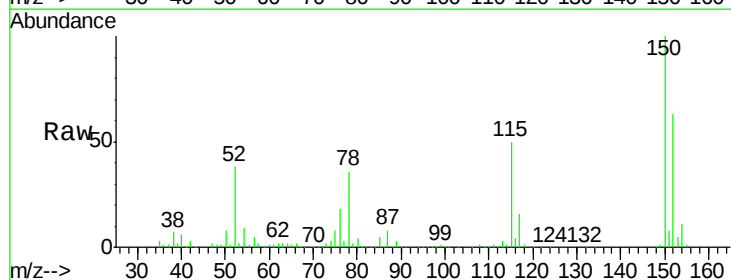
Tgt Ion: 79 Resp: 15828

Ion Ratio Lower Upper

79 100

108 27.7 68.4 102.6#

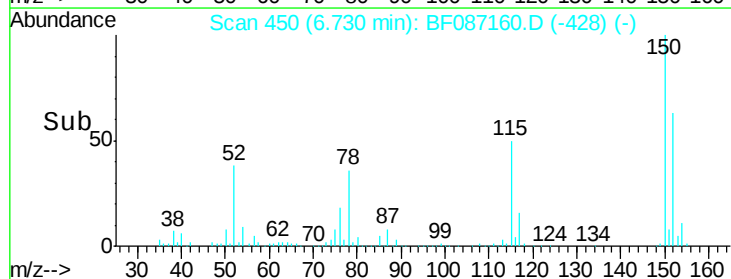
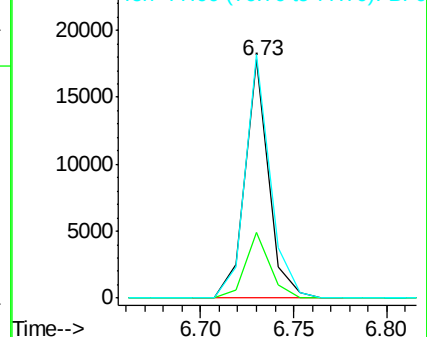
77 102.3 50.6 76.0#

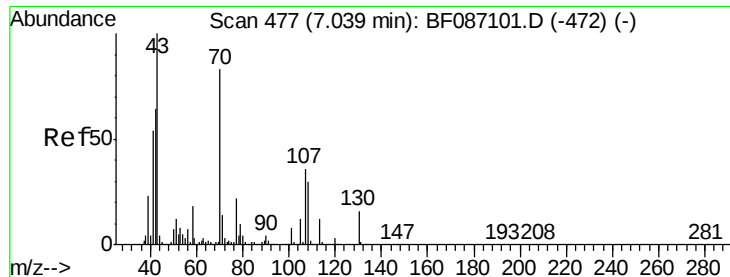


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

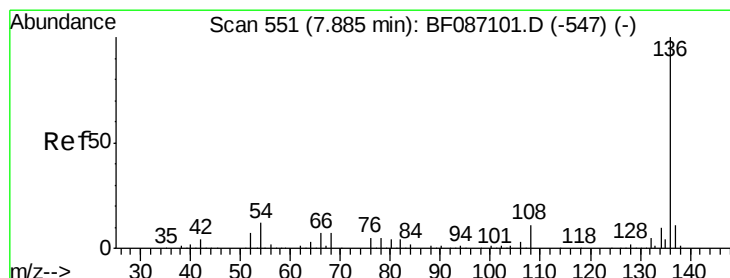
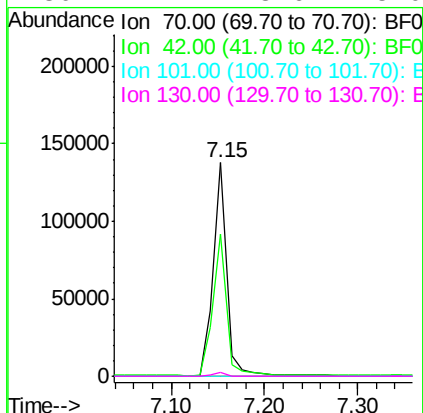
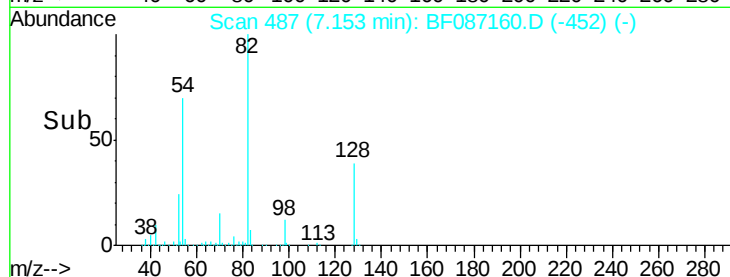
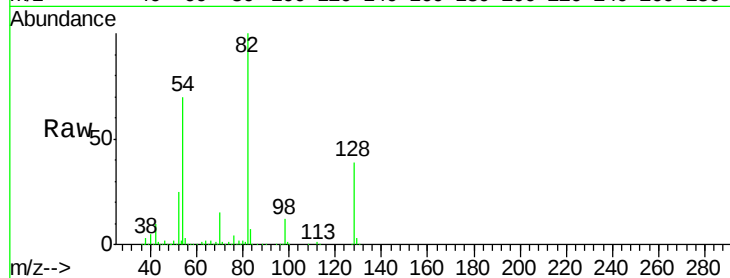




#19
n-Nitroso-di-n-propylamine
Concen: 17.61 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

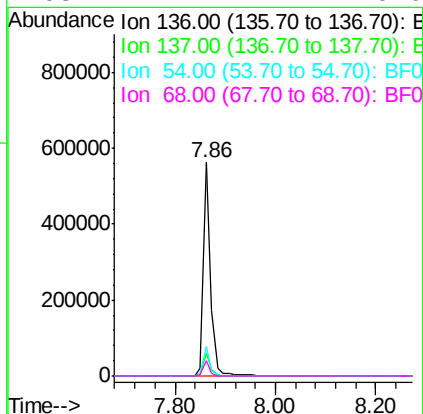
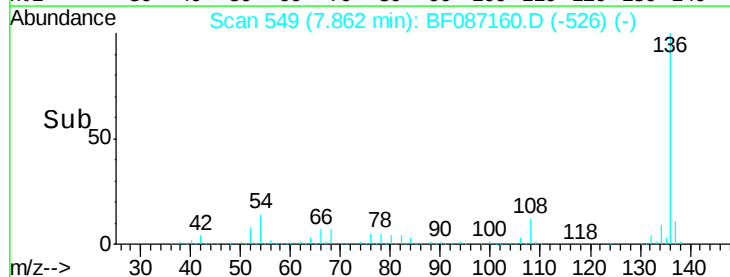
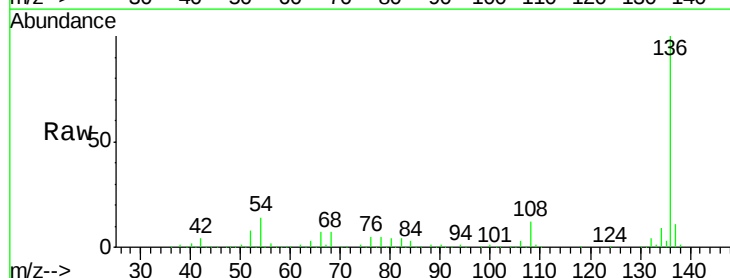
Instrument :
BNA_F
ClientSampleId :
2-I-76(0-2)

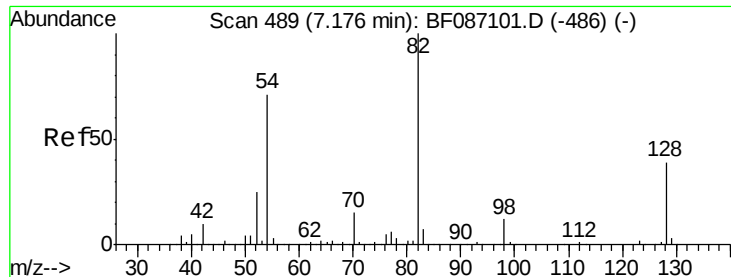
Tgt Ion: 70 Resp: 141027
Ion Ratio Lower Upper
70 100
42 66.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

Tgt Ion: 136 Resp: 557375
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.6 5.0 7.4#
68 7.1 4.4 6.6#

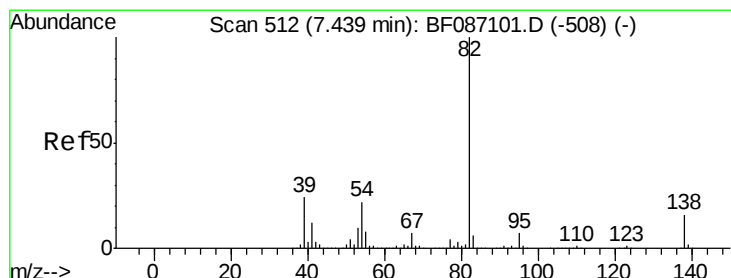
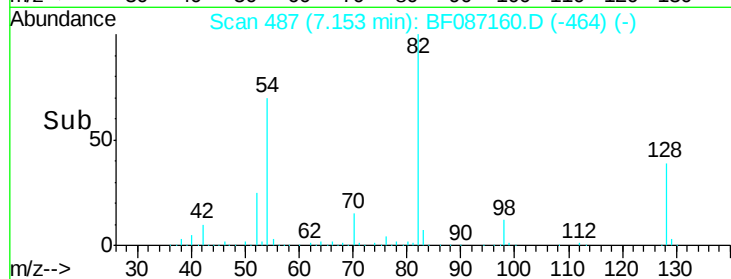
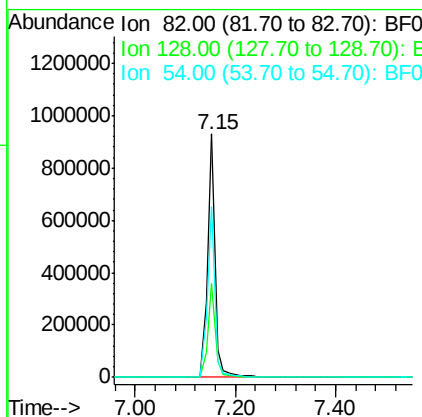
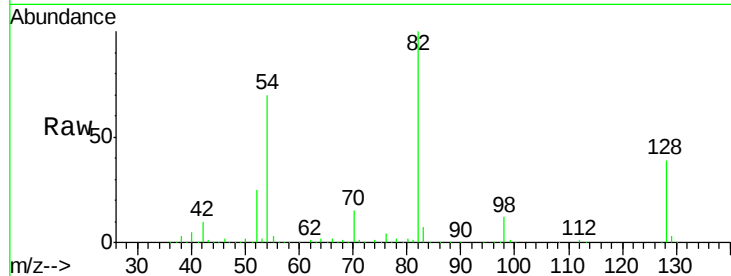




#23
 Nitrobenzene-d5
 Concen: 86.87 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

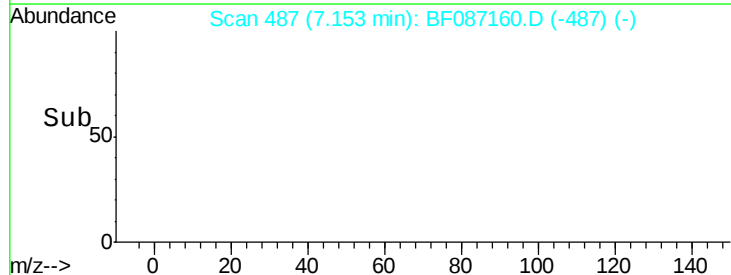
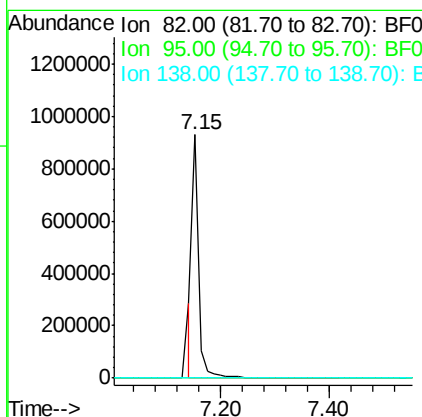
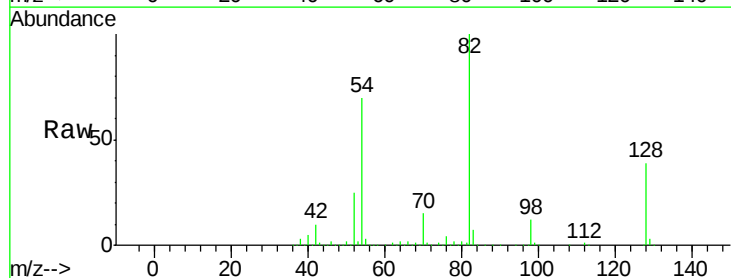
Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

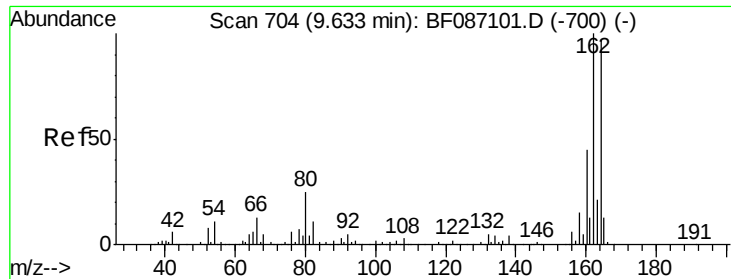
Tgt Ion: 82 Resp: 971550
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 70.3 38.1 57.1#



#25
 Isophorone
 Concen: 37.29 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.30 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion: 82 Resp: 763342
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

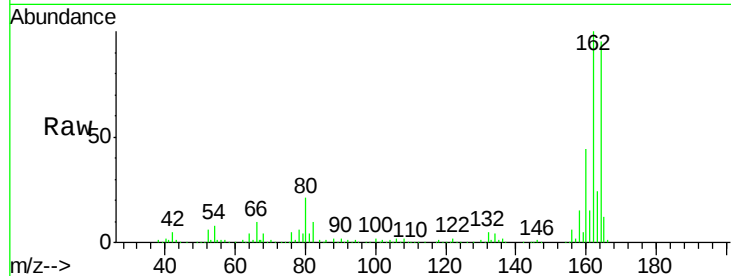
Tgt Ion:164 Resp: 272957

Ion Ratio Lower Upper

164 100

162 105.6 82.8 124.2

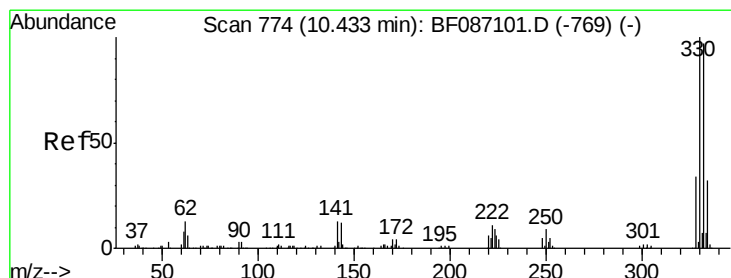
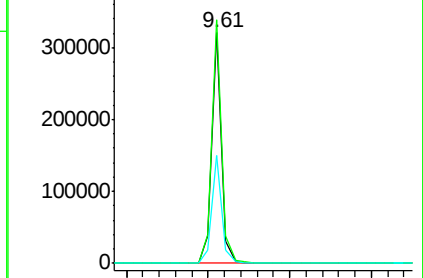
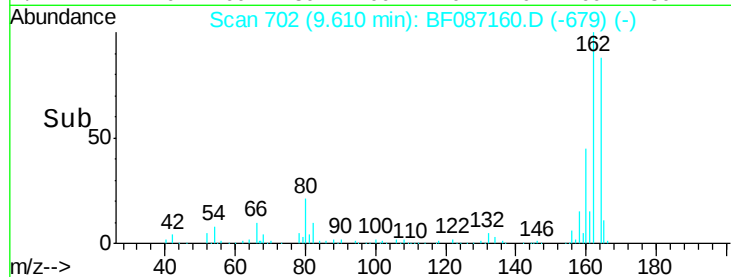
160 47.0 36.9 55.3



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: 116.39 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

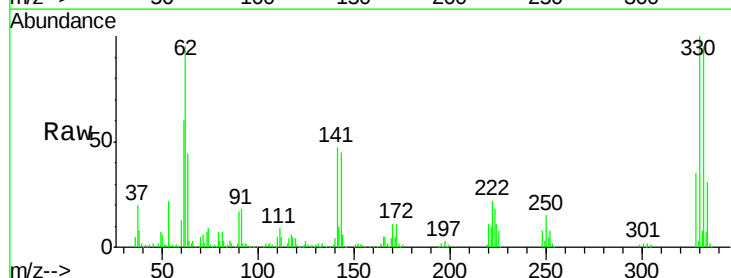
Tgt Ion:330 Resp: 351060

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

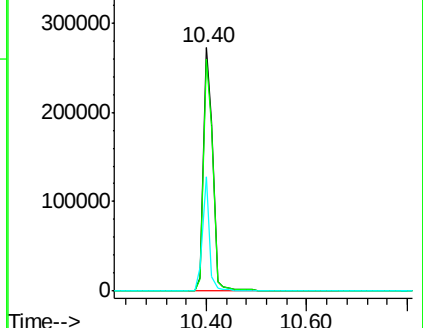
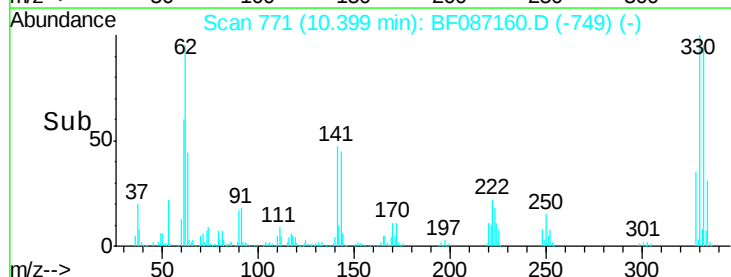
141 35.4 31.2 46.8

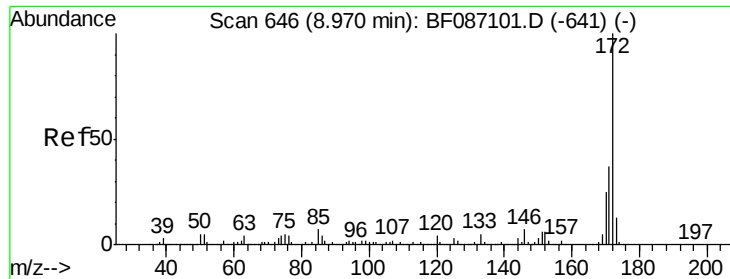


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

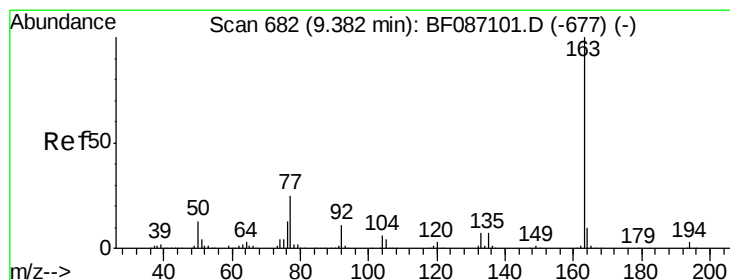
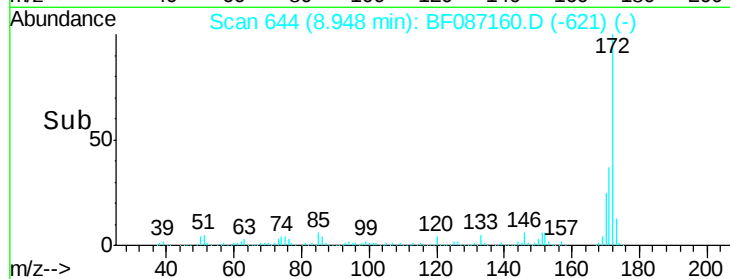
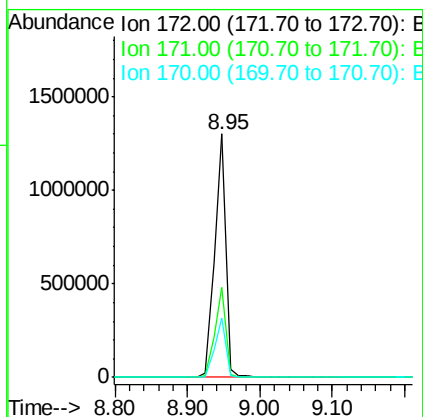
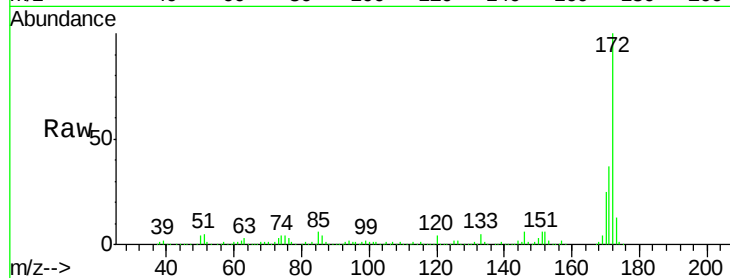




#44
2-Fluorobiphenyl
Concen: 83.87 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

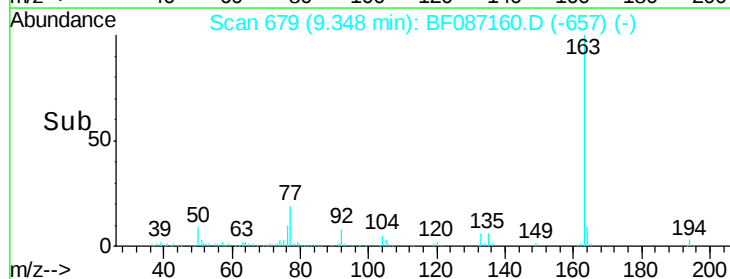
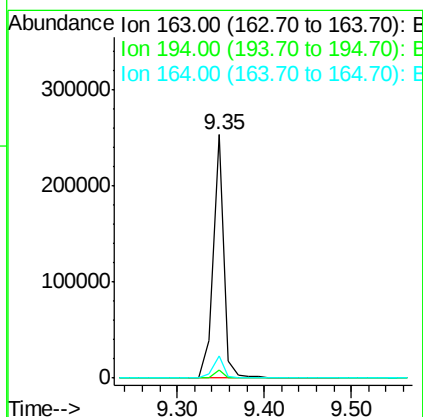
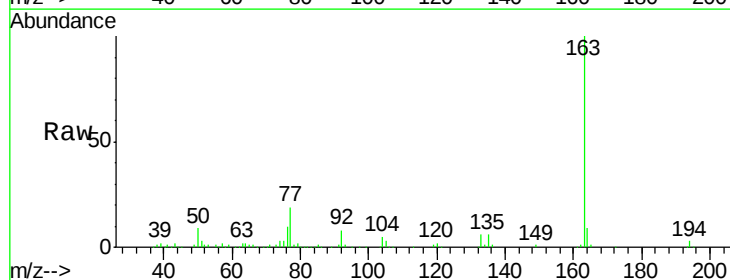
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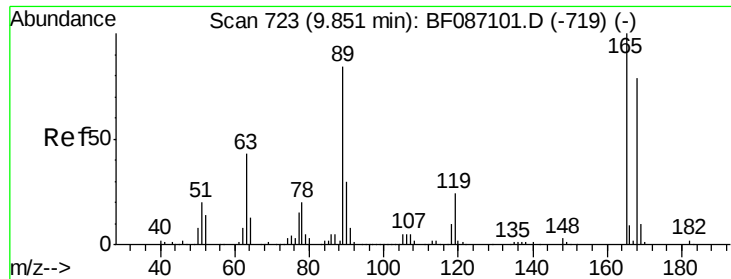
Tgt Ion:172 Resp: 1382320
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 10.52 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

Tgt Ion:163 Resp: 218962
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.3 8.2 12.4

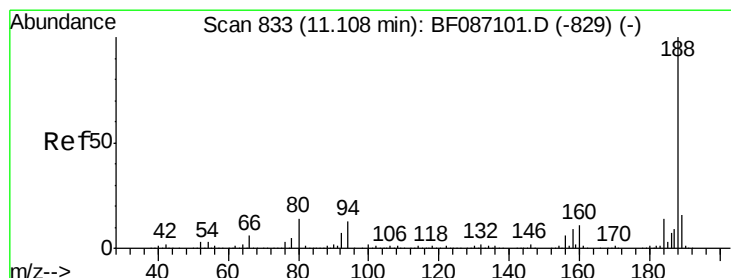
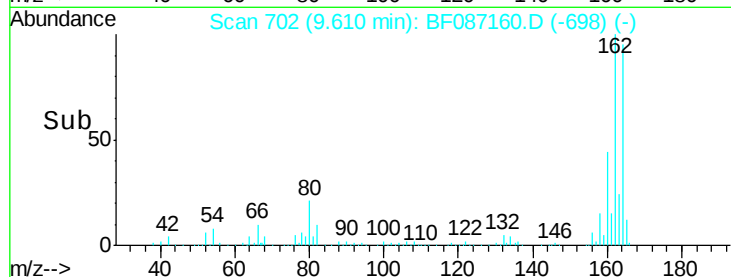
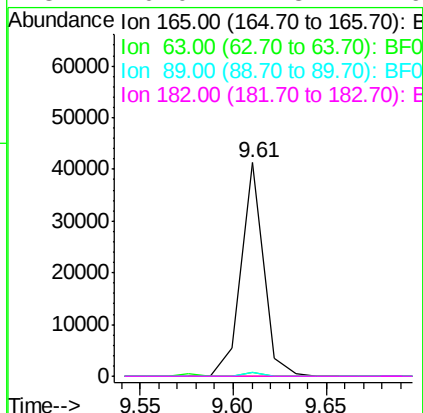
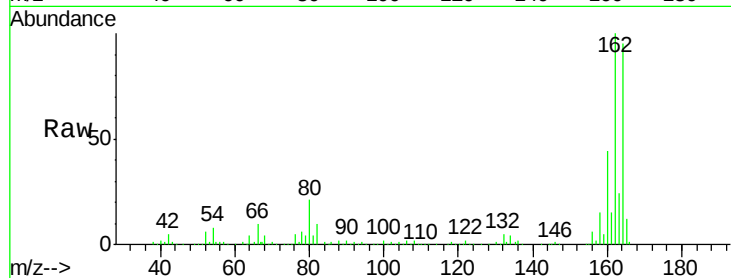




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

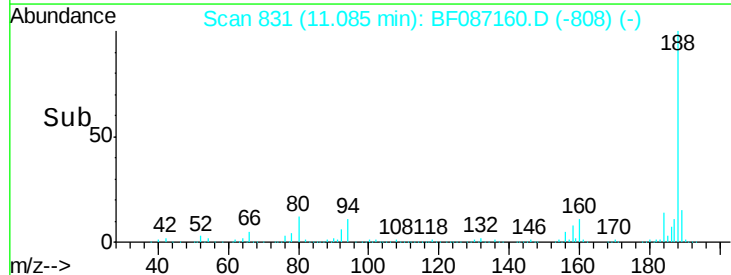
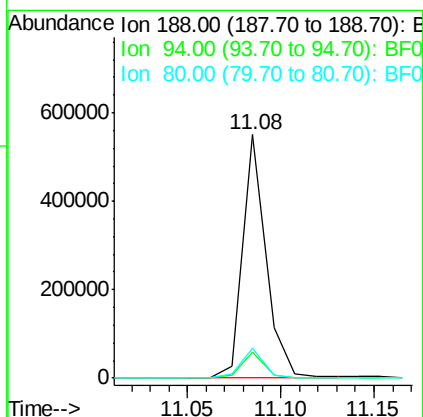
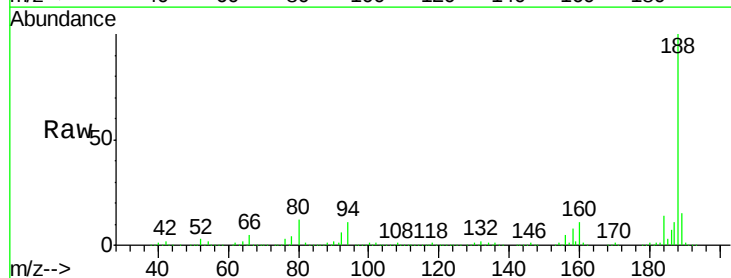
Instrument :
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 2-I-76(0-2)

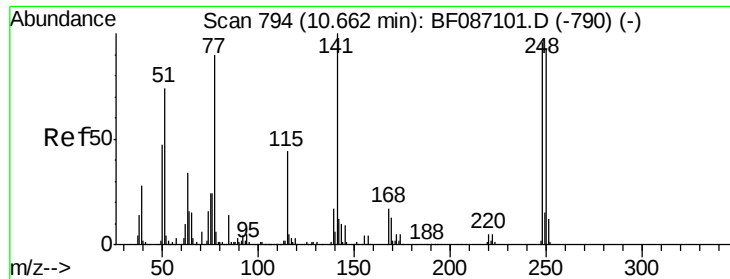
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.8	6.8	10.2#
80	12.3	7.1	10.7#

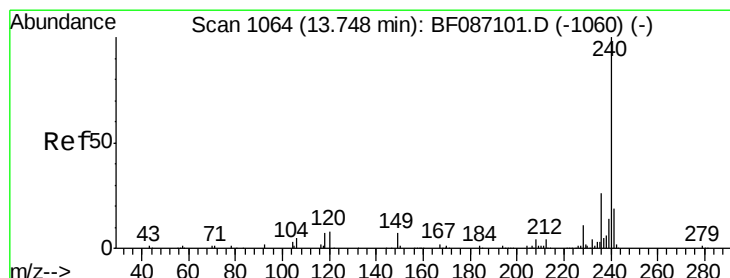
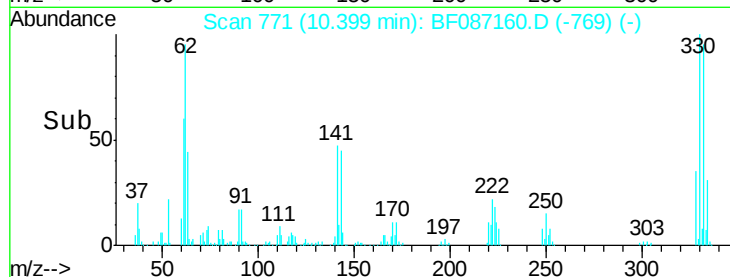
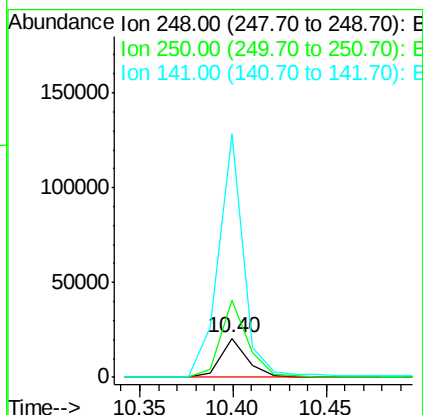
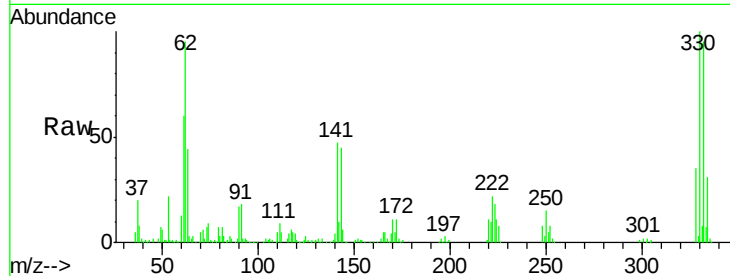




#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

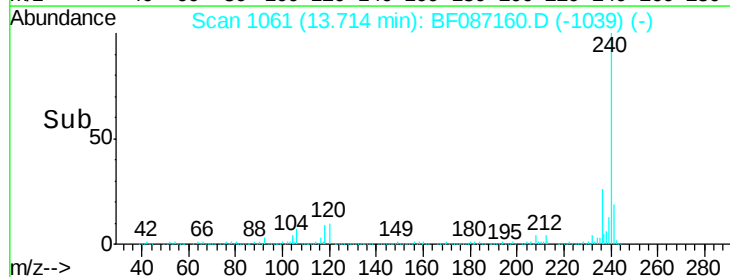
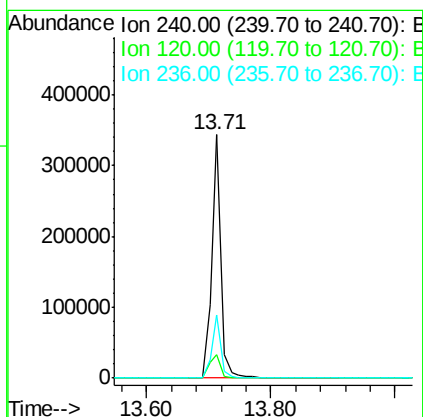
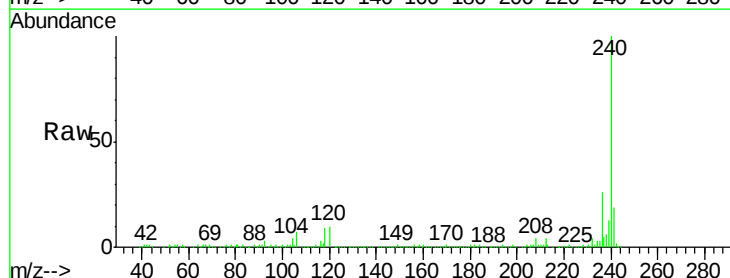
Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

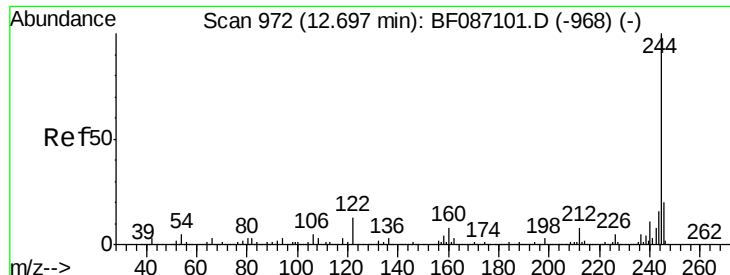
Tgt Ion:248 Resp: 20676
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.6 117.8#
 141 624.5 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.05 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion:240 Resp: 346226
 Ion Ratio Lower Upper
 240 100
 120 9.7 11.2 16.8#
 236 26.1 21.2 31.8

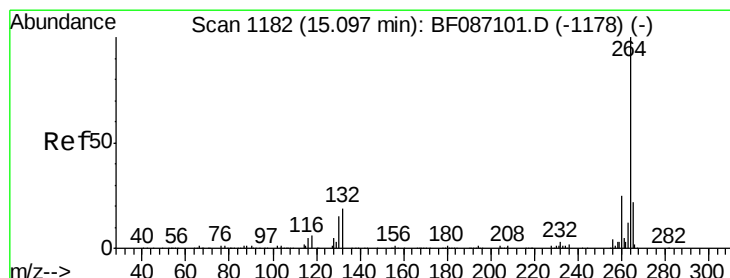
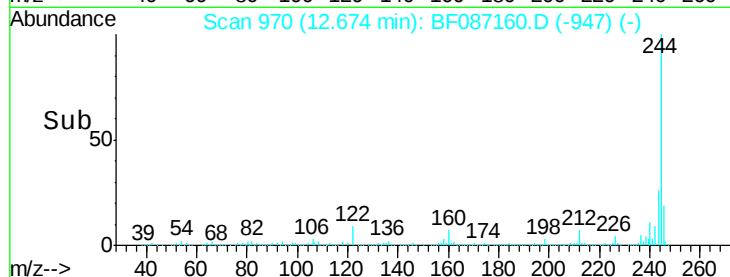
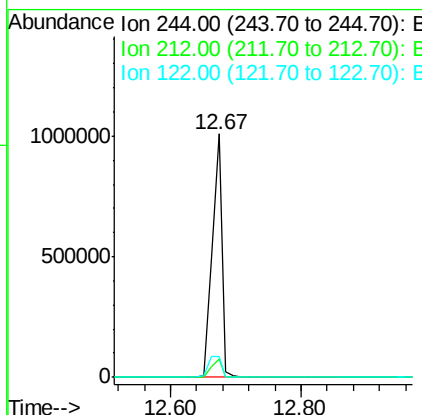
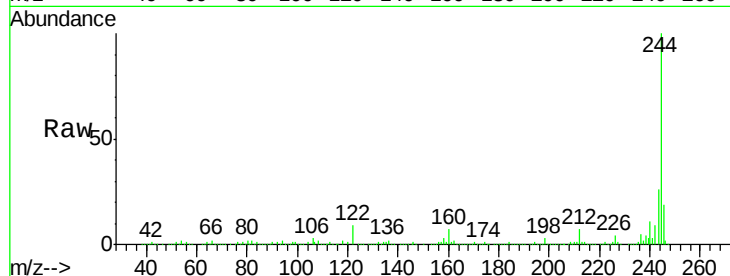




#78
 Terphenyl-d14
 Concen: 69.87 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

Tgt Ion:244 Resp: 1069395
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.8 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion:264 Resp: 324013
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.5 17.3 25.9

