

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084219.D
 Acq On : 1 Jan 2016 2:30
 Operator : UM/SJ
 Sample : G4982-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

Quant Time: Jan 01 23:47:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283436	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1109110	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	494010	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	778847	20.00	ng	0.00
75) Chrysene-d12	14.07	240	569150	20.00	ng	0.00
86) Perylene-d12	15.51	264	464403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1139328	65.02	ng	0.01
7) Phenol-d6	6.56	99	978834	44.48	ng	0.02
23) Nitrobenzene-d5	7.48	82	1817624	91.21	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	615370	123.38	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	3030828	109.77	ng	0.01
78) Terphenyl-d14	13.01	244	1439736	56.47	ng	0.00

Target Compounds

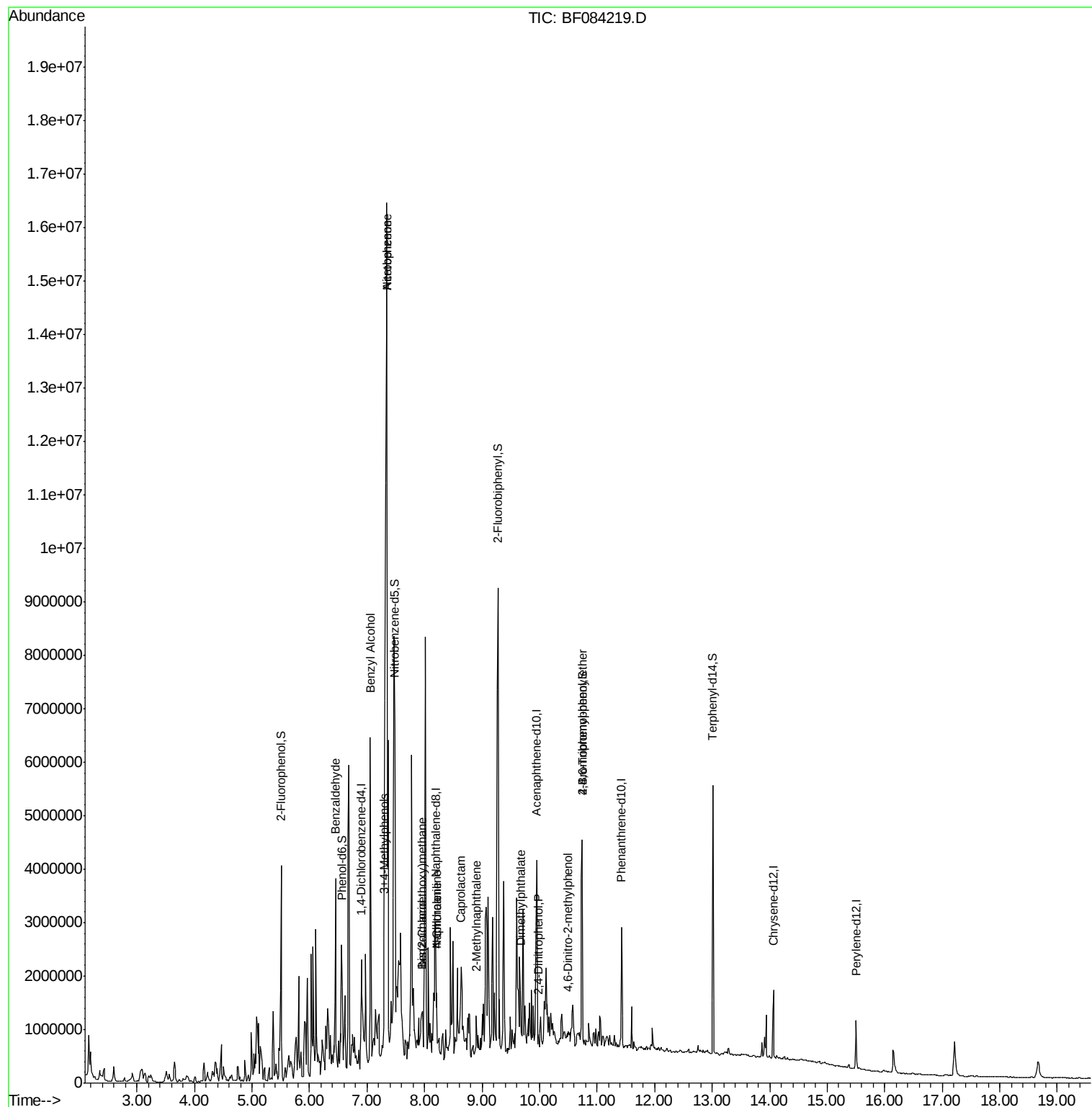
						Qvalue
9) Benzaldehyde	6.45	77	673542	47.00	ng	97
15) Benzyl Alcohol	7.06	79	53985	2.92	ng	# 53
20) 3+4-Methylphenols	7.30	107	187170	9.56	ng	# 1
22) Acetophenone	7.34	105	10159614	380.94	ng	# 86
24) Nitrobenzene	7.34	77	8342758	412.76	ng	# 40
28) bis(2-Chloroethoxy)methane	7.96	93	96632	4.15	ng	# 63
31) Naphthalene	8.21	128	422886	8.40	ng	100
32) Benzoic acid	7.95	122	82281	12.22	ng	# 71
33) 4-Chloroaniline	8.21	127	64685	2.80	ng	# 39
35) Caprolactam	8.64	113	166061	31.76	ng	# 15
37) 2-Methylnaphthalene	8.90	142	168035	4.65	ng	97
49) Dimethylphthalate	9.66	163	154361	4.37	ng	# 90
53) 2,4-Dinitrophenol	9.98	184	288	3.64	ng	# 1
54) Dibenzofuran	10.14	168	5700	Below	Cal	# 1
57) Fluorene	10.49	166	3178	Below	Cal	# 29
60) 4-Chlorophenyl-phenylether	10.48	204	1373	Below	Cal	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	278	6.47	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	39275	4.69	ng	# 1
73) Di-n-butylphthalate	12.00	149	16328	Below	Cal	# 70

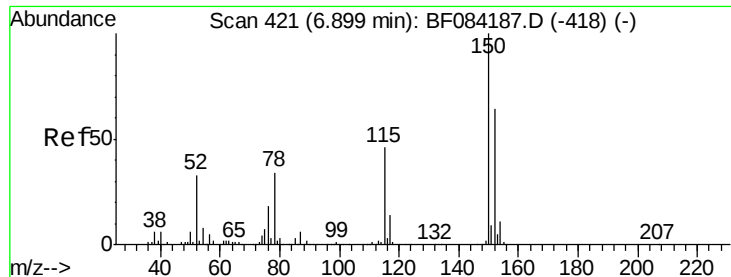
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampled :

S8-0530

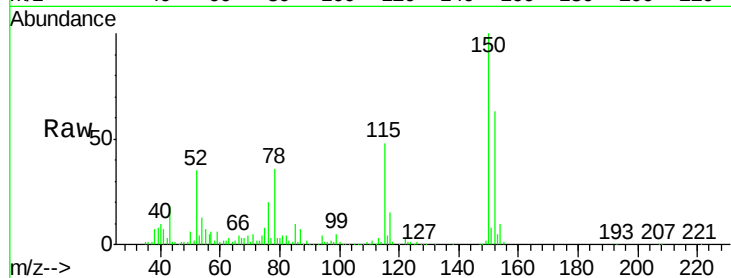
Tgt Ion:152 Resp: 283436

Ion Ratio Lower Upper

152 100

150 158.0 123.0 184.4

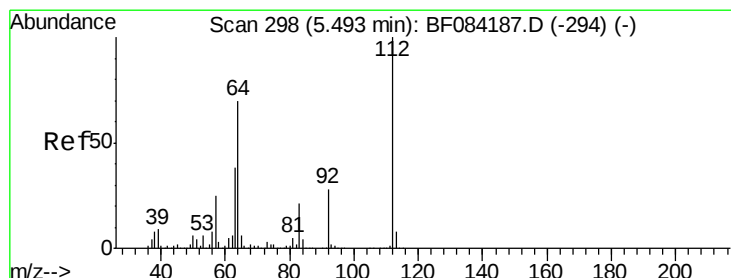
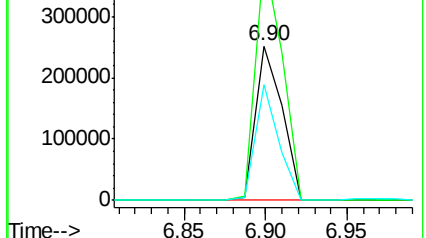
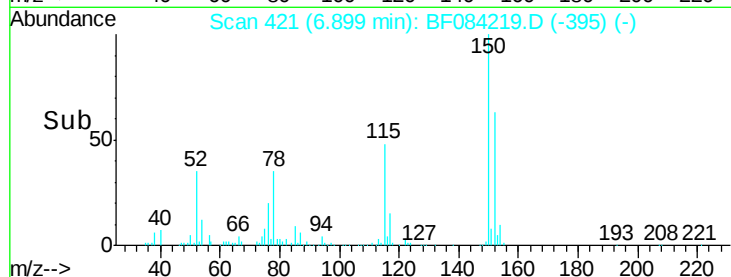
115 75.4 51.4 77.2



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: 65.02 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

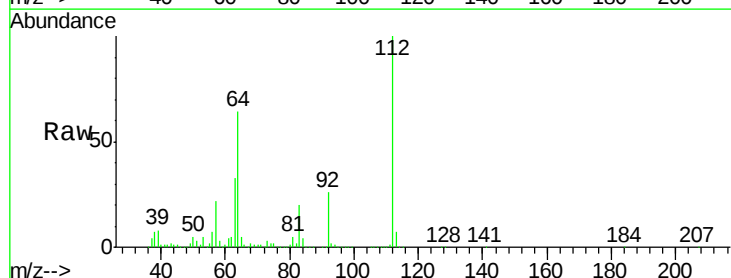
Tgt Ion:112 Resp: 1139328

Ion Ratio Lower Upper

112 100

64 64.0 36.6 55.0#

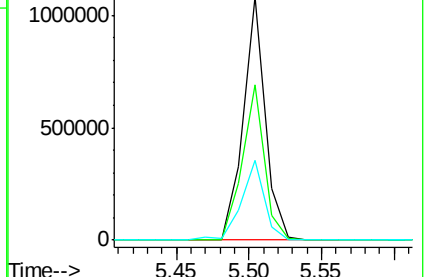
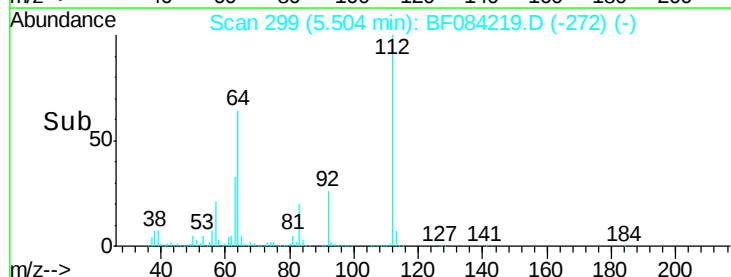
63 32.8 19.4 29.0#

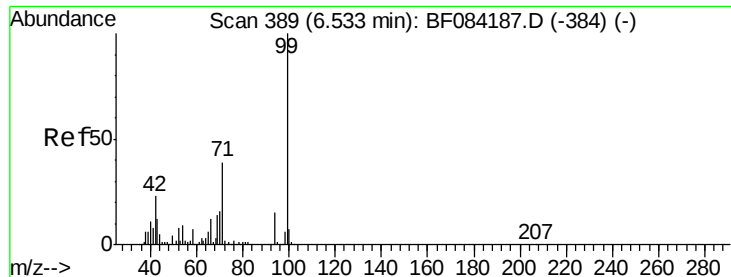


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.48 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.02 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampleId :

S8-0530

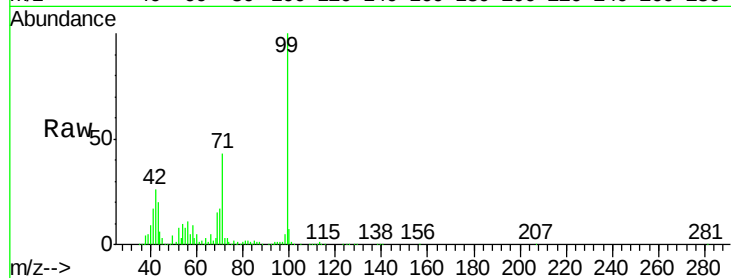
Tgt Ion: 99 Resp: 978834

Ion Ratio Lower Upper

99 100

42 25.6 12.8 19.2#

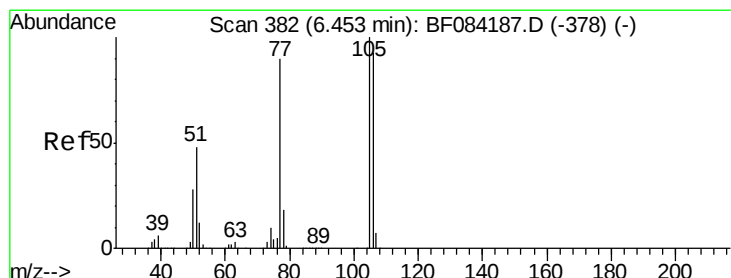
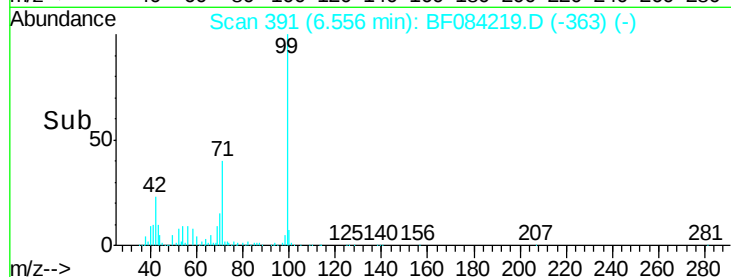
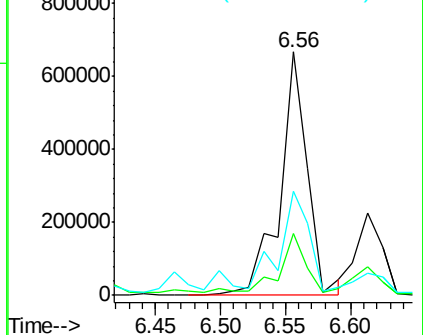
71 42.8 30.9 46.3



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: 47.00 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

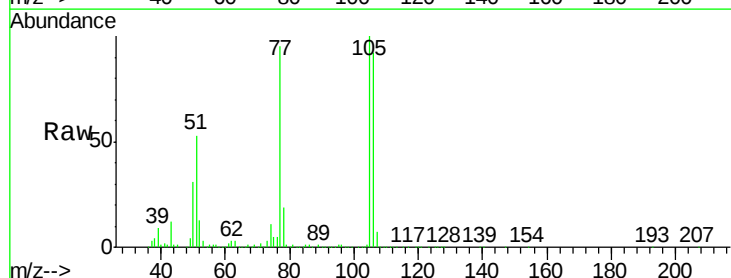
Tgt Ion: 77 Resp: 673542

Ion Ratio Lower Upper

77 100

105 105.8 83.0 123.0

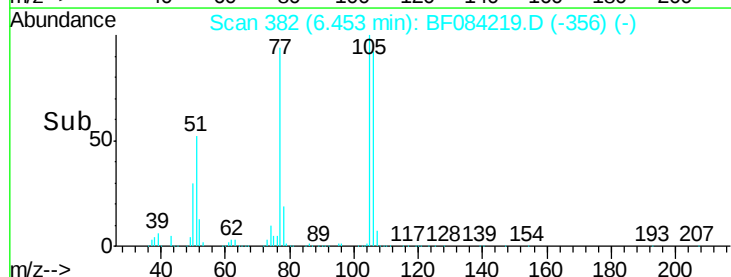
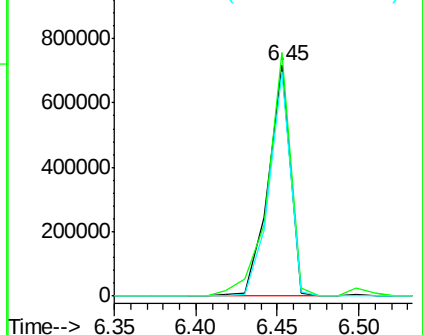
106 97.3 74.6 114.6

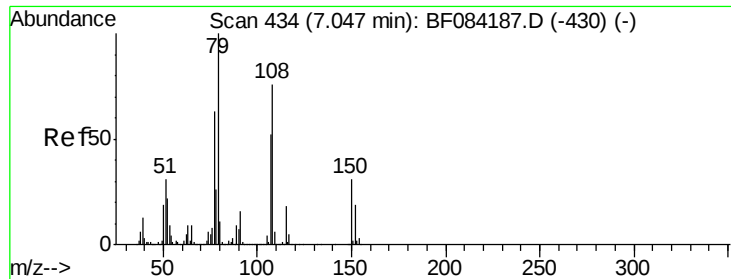


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.92 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampleId :

S8-0530

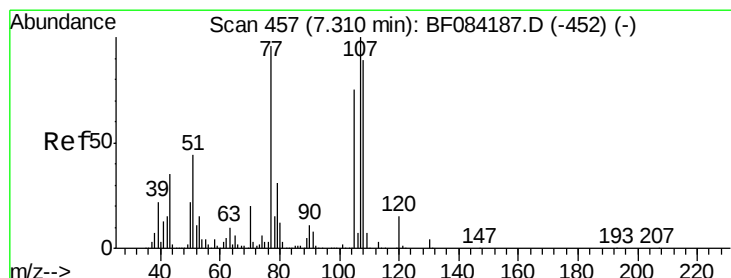
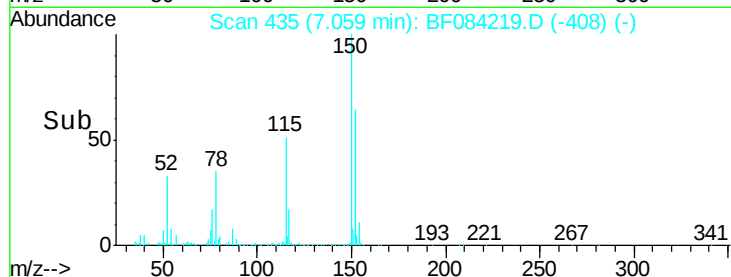
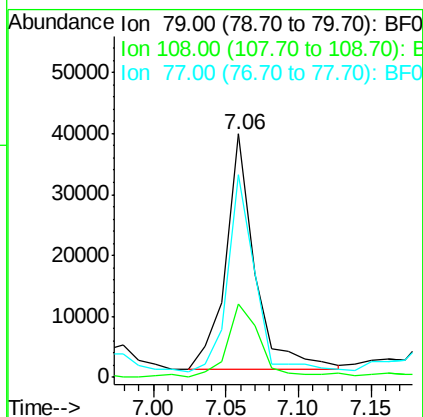
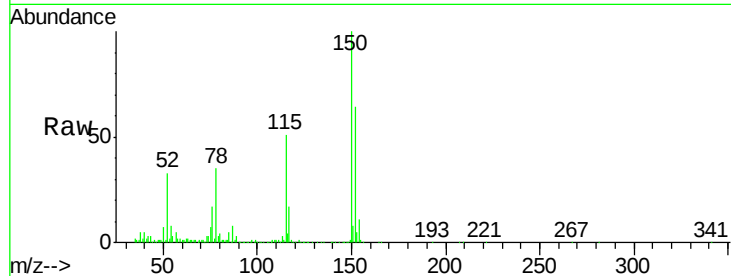
Tgt Ion: 79 Resp: 53985

Ion Ratio Lower Upper

79 100

108 30.3 69.0 103.4#

77 83.5 50.0 75.0#



#20

3+4-Methylphenols

Concen: 9.56 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Tgt Ion: 107 Resp: 187170

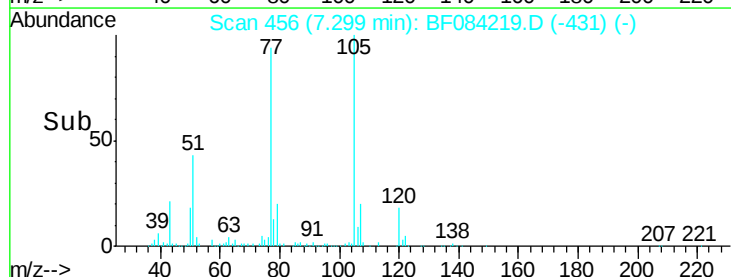
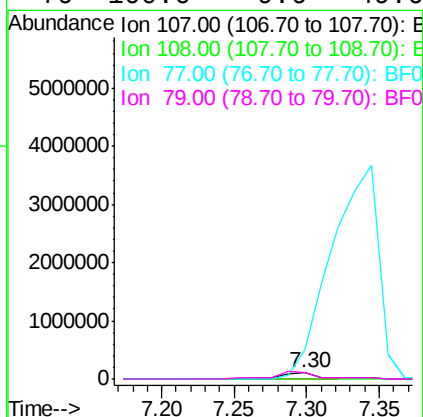
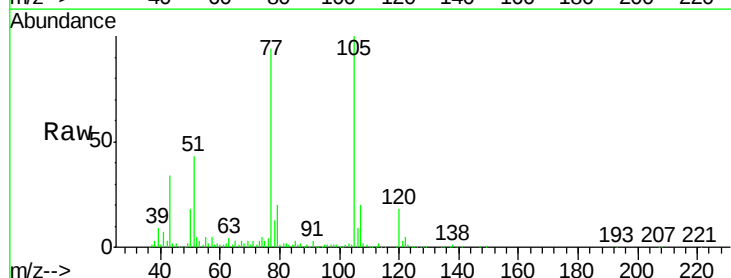
Ion Ratio Lower Upper

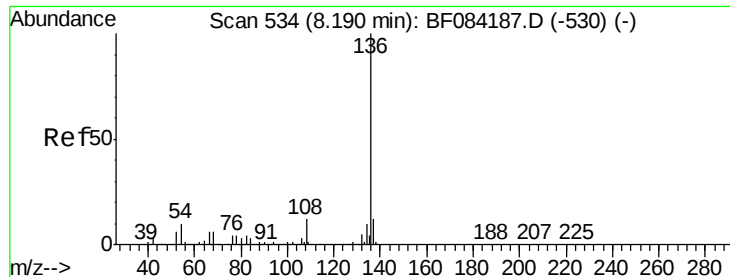
107 100

108 7.9 64.1 104.1#

77 469.3 128.9 168.9#

79 100.6 9.6 49.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampleId :

S8-0530

Tgt Ion:136 Resp: 1109110

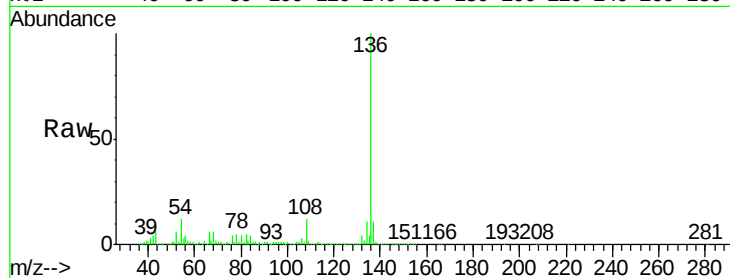
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.9 5.8 8.8#

68 6.4 4.2 6.2#

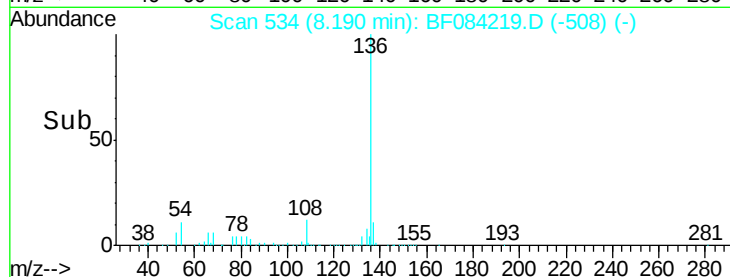


Abundance Ion 136.00 (135.70 to 136.70): E

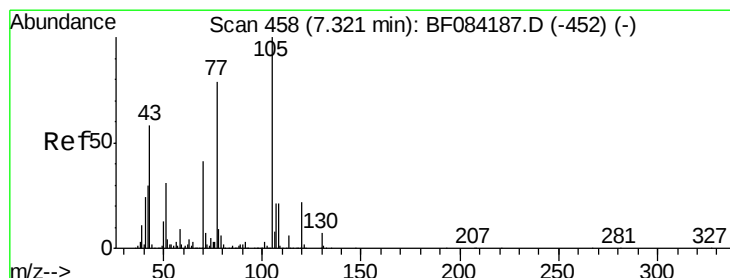
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 380.94 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.02 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Tgt Ion:105 Resp:10159614

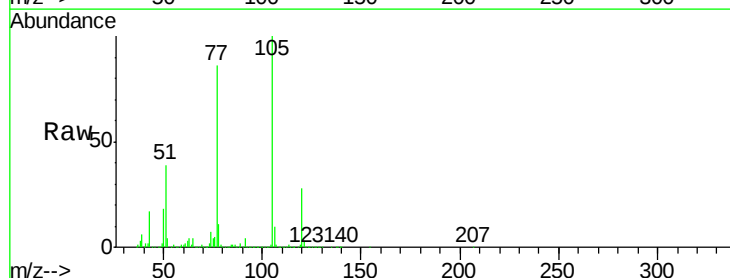
Ion Ratio Lower Upper

105 100

71 0.2 3.7 5.5#

51 39.0 25.1 37.7#

120 27.8 16.6 25.0#

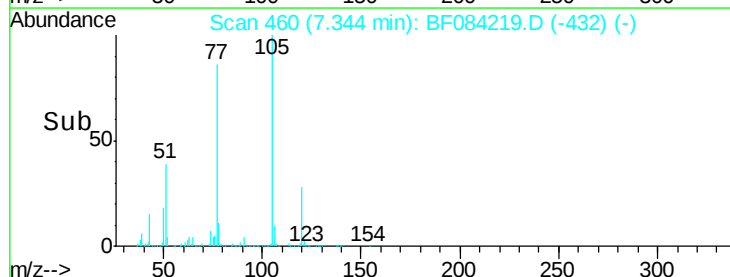


Abundance Ion 105.00 (104.70 to 105.70): E

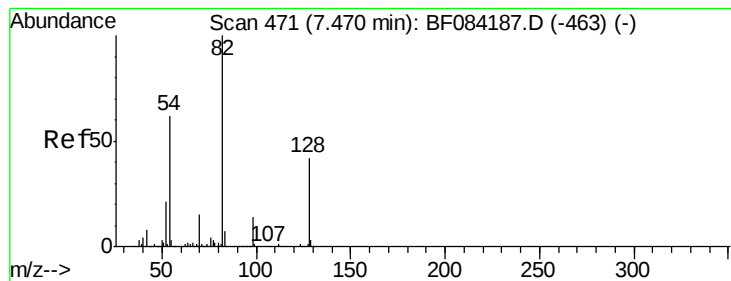
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 91.21 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

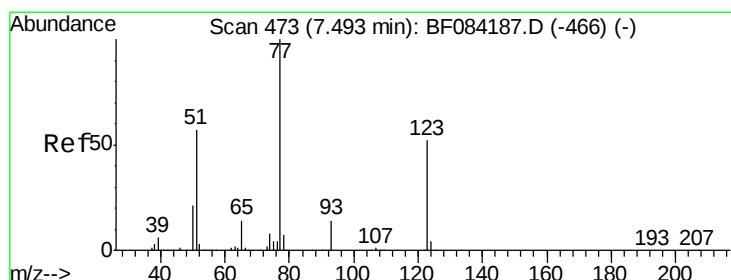
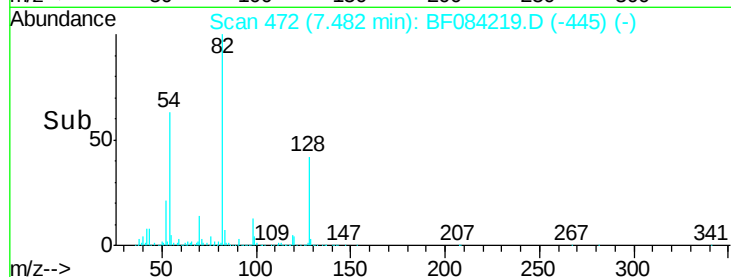
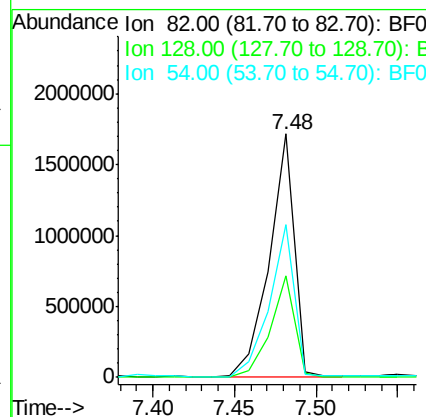
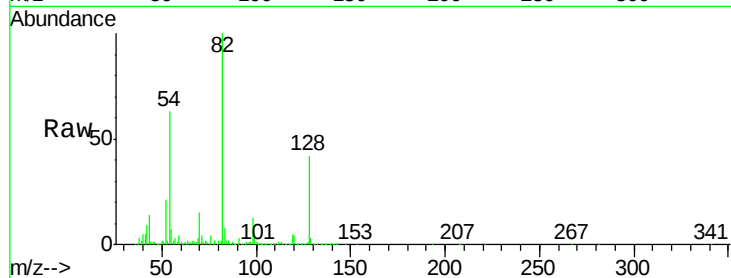
ClientSampled :

S8-0530

Tgt Ion: 82 Resp: 1817624

Ion Ratio Lower Upper

82	100		
128	41.5	34.6	51.8
54	62.9	38.4	57.6#



#24

Nitrobenzene

Concen: 412.76 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.15 min

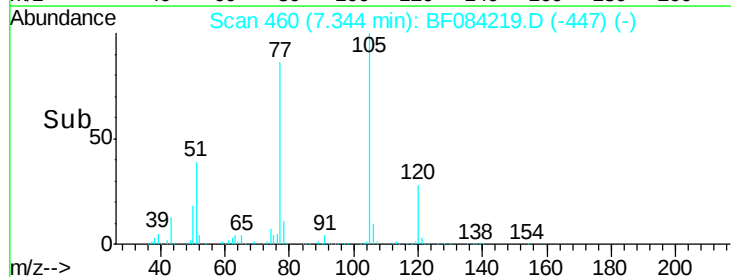
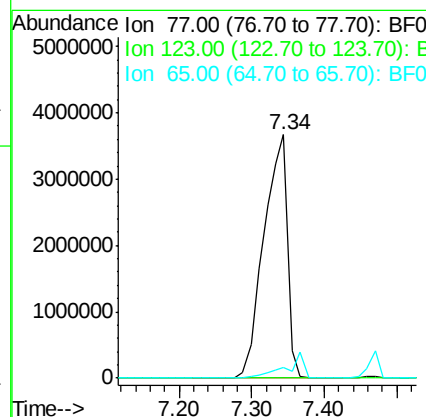
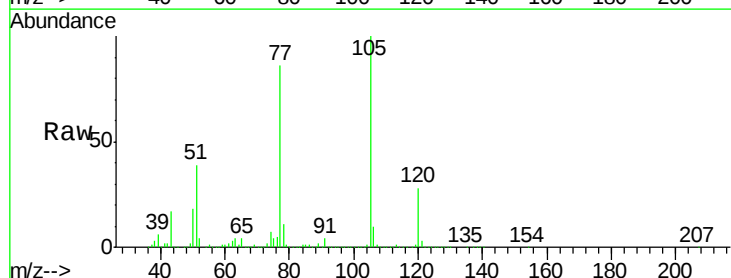
Lab File: BF084219.D

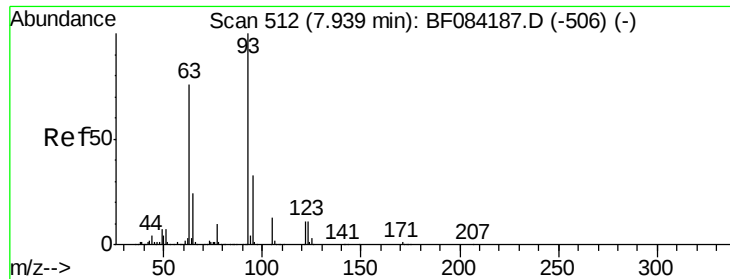
Acq: 1 Jan 2016 2:30

Tgt Ion: 77 Resp: 8342758

Ion Ratio Lower Upper

77	100		
123	0.0	37.4	56.2#
65	4.2	10.9	16.3#





#28

bis(2-Chloroethoxy)methane

Concen: 4.15 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampleId :

S8-0530

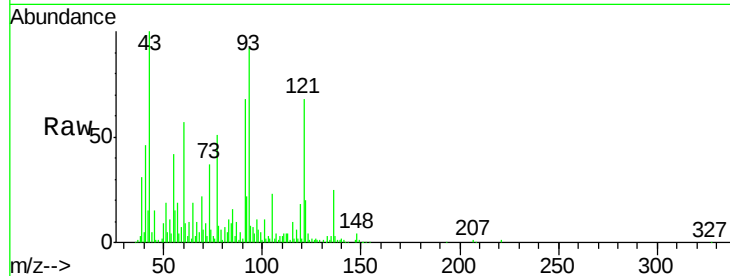
Tgt Ion: 93 Resp: 96632

Ion Ratio Lower Upper

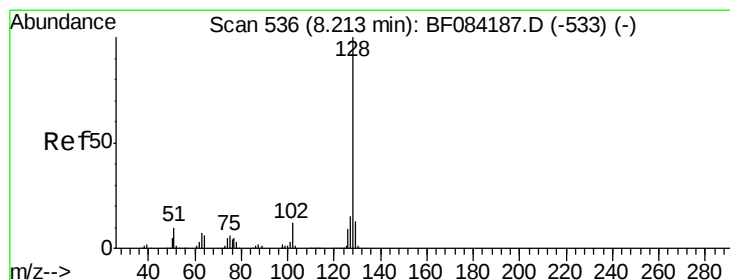
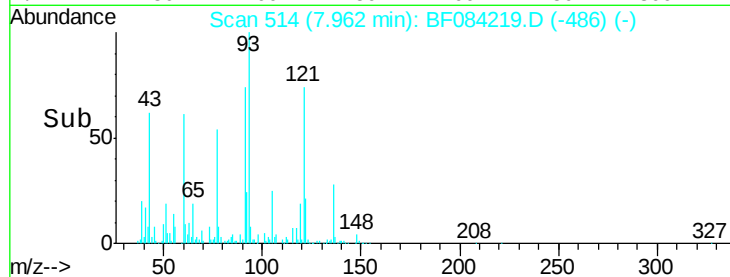
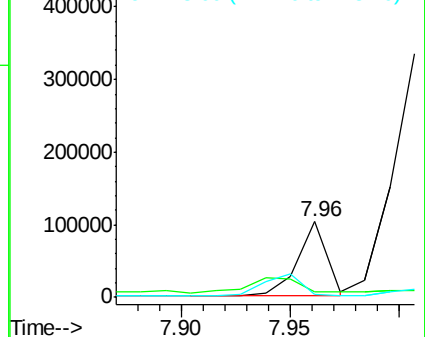
93 100

95 7.7 25.8 38.6#

123 4.4 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#31

Naphthalene

Concen: 8.40 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

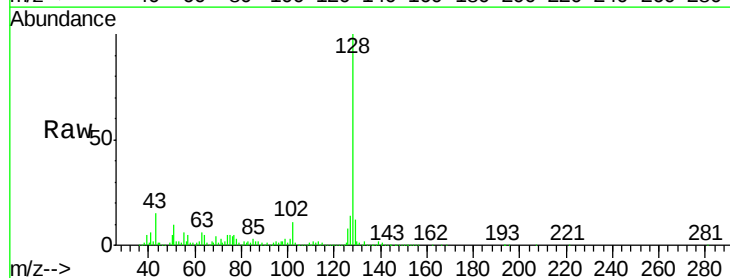
Tgt Ion: 128 Resp: 422886

Ion Ratio Lower Upper

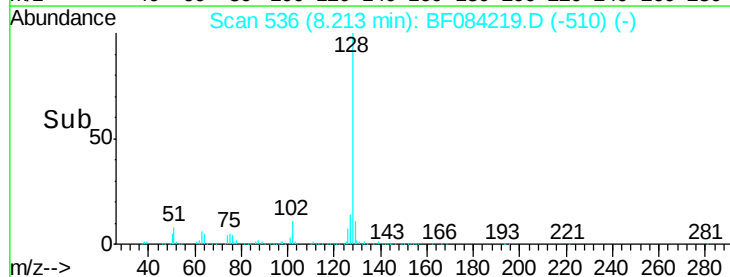
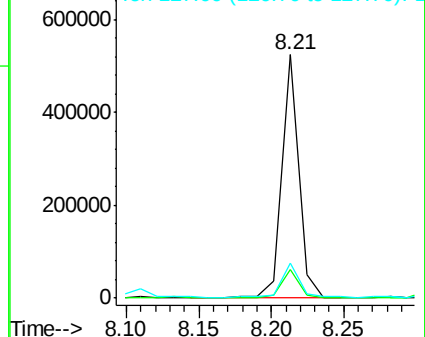
128 100

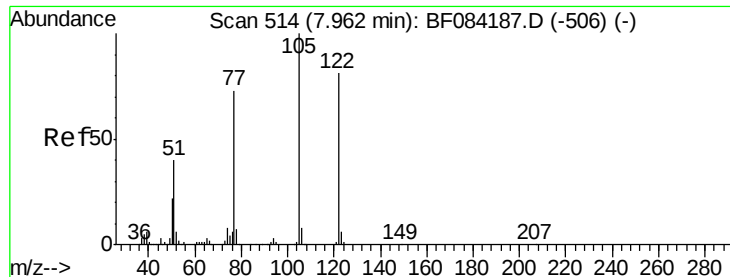
129 11.5 9.1 13.7

127 14.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 12.22 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Instrument :

BNA_F

ClientSampleId :

S8-0530

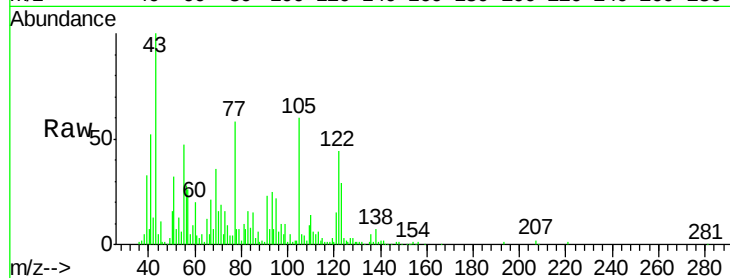
Tgt Ion:122 Resp: 82281

Ion Ratio Lower Upper

122 100

105 134.7 100.3 140.3

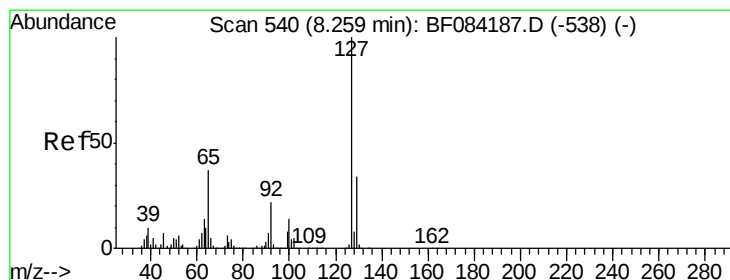
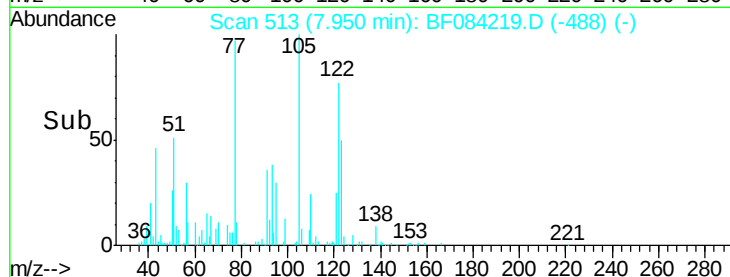
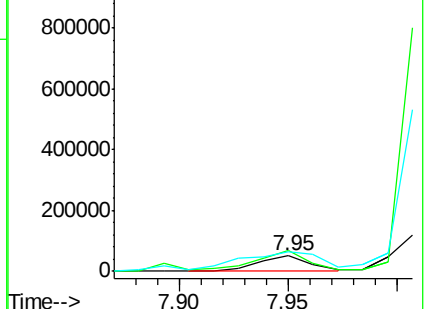
77 131.5 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.80 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF084219.D

Acq: 1 Jan 2016 2:30

Tgt Ion:127 Resp: 64685

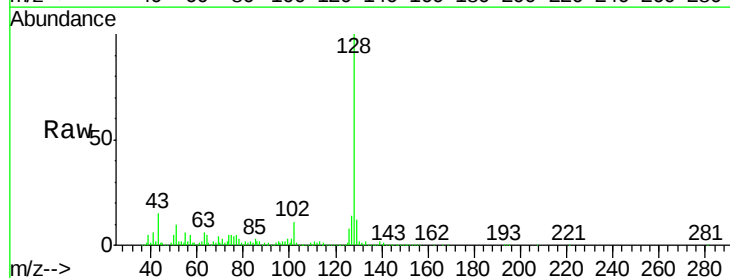
Ion Ratio Lower Upper

127 100

129 81.6 26.5 39.7#

65 6.1 27.2 40.8#

92 1.8 17.7 26.5#

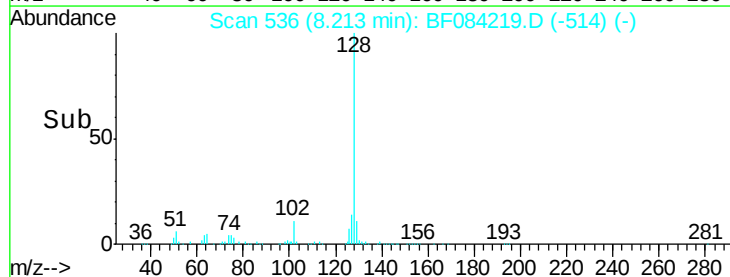
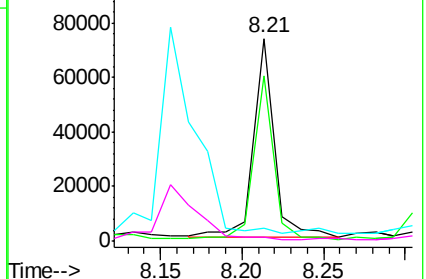


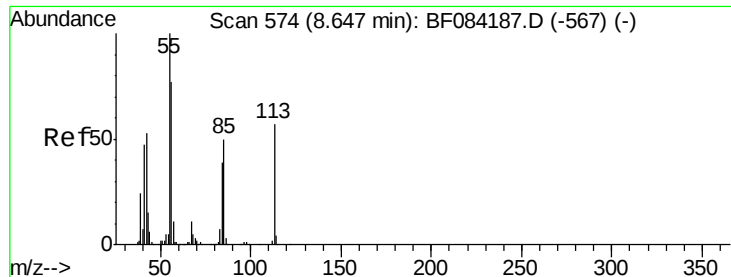
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

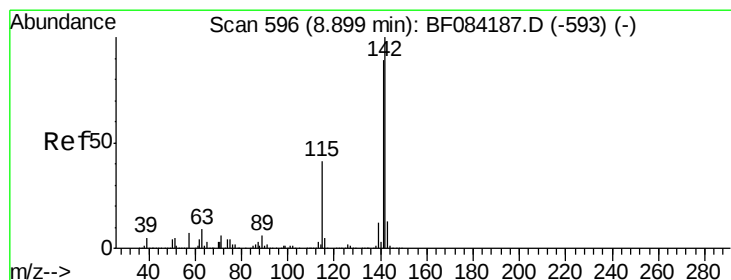
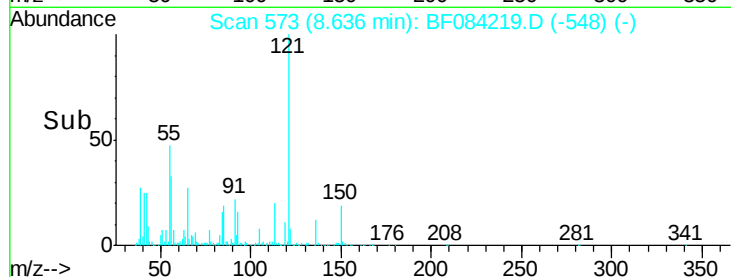
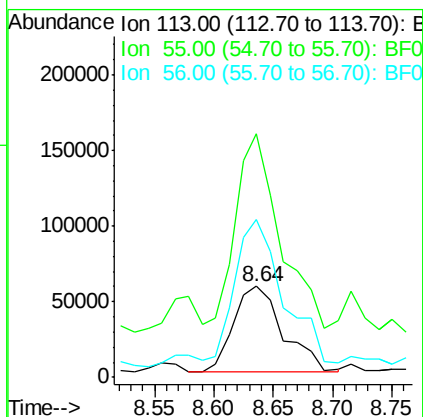
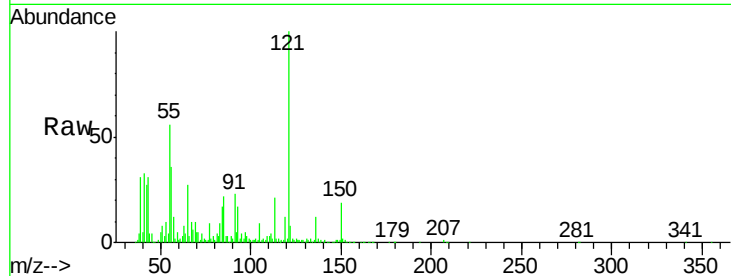




#35
 Caprolactam
 Concen: 31.76 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF084219.D
 Acq: 1 Jan 2016 2:30

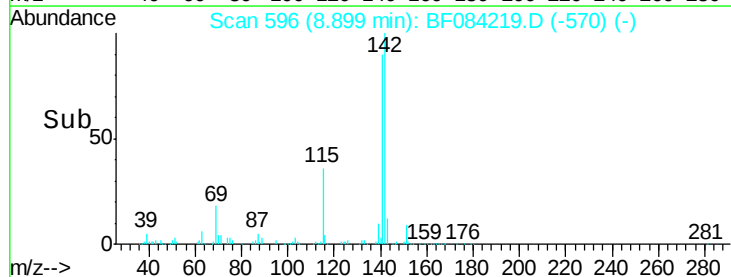
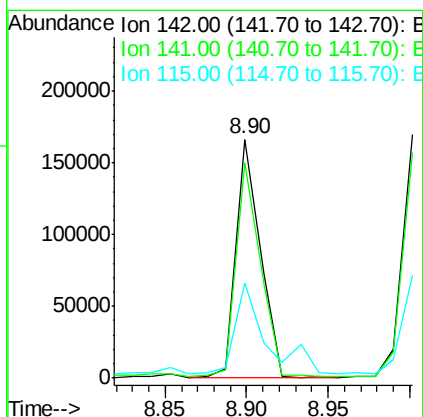
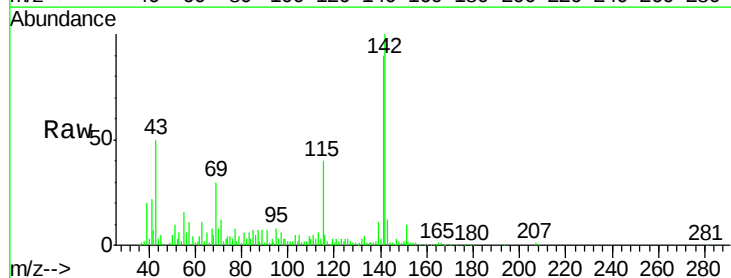
Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

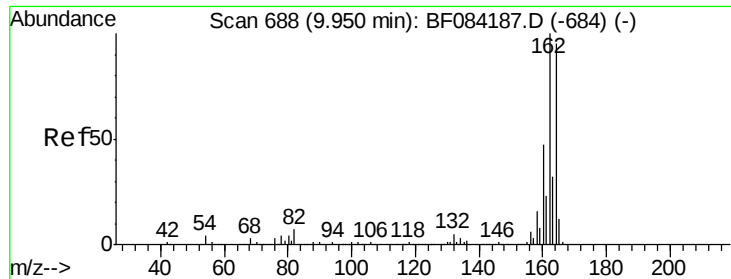
Tgt Ion:113 Resp: 166061
 Ion Ratio Lower Upper
 113 100
 55 267.6 116.9 156.9#
 56 173.8 93.8 133.8#



#37
 2-Methylnaphthalene
 Concen: 4.65 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084219.D
 Acq: 1 Jan 2016 2:30

Tgt Ion:142 Resp: 168035
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.4 108.6
 115 39.9 27.9 41.9

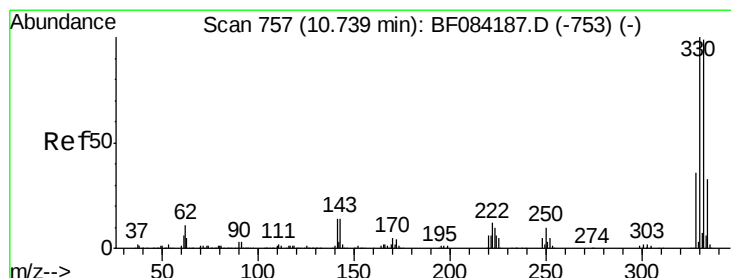
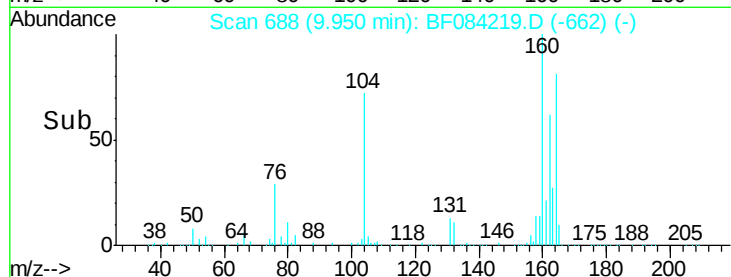
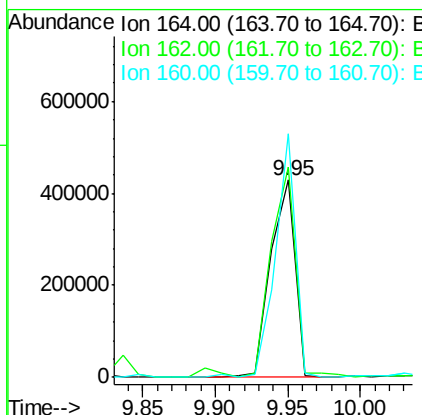
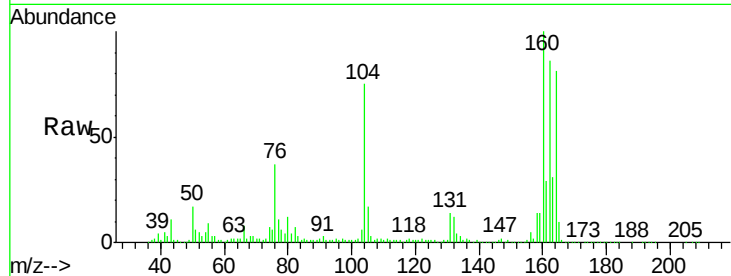




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Instrument :
BNA_F
ClientSampleId :
S8-0530

Tgt Ion:164 Resp: 494010
Ion Ratio Lower Upper
164 100
162 106.2 85.1 127.7
160 123.3 37.5 56.3#



#41
2,4,6-Tribromophenol
Concen: 123.38 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084219.D
Acq: 1 Jan 2016 2:30

Tgt Ion:330 Resp: 615370
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 38.6 27.8 41.6

