

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
 Data File : BF084571.D
 Acq On : 20 Jan 2016 18:18
 Operator : SJ/UM
 Sample : H1177-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

Quant Time: Jan 20 22:09:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

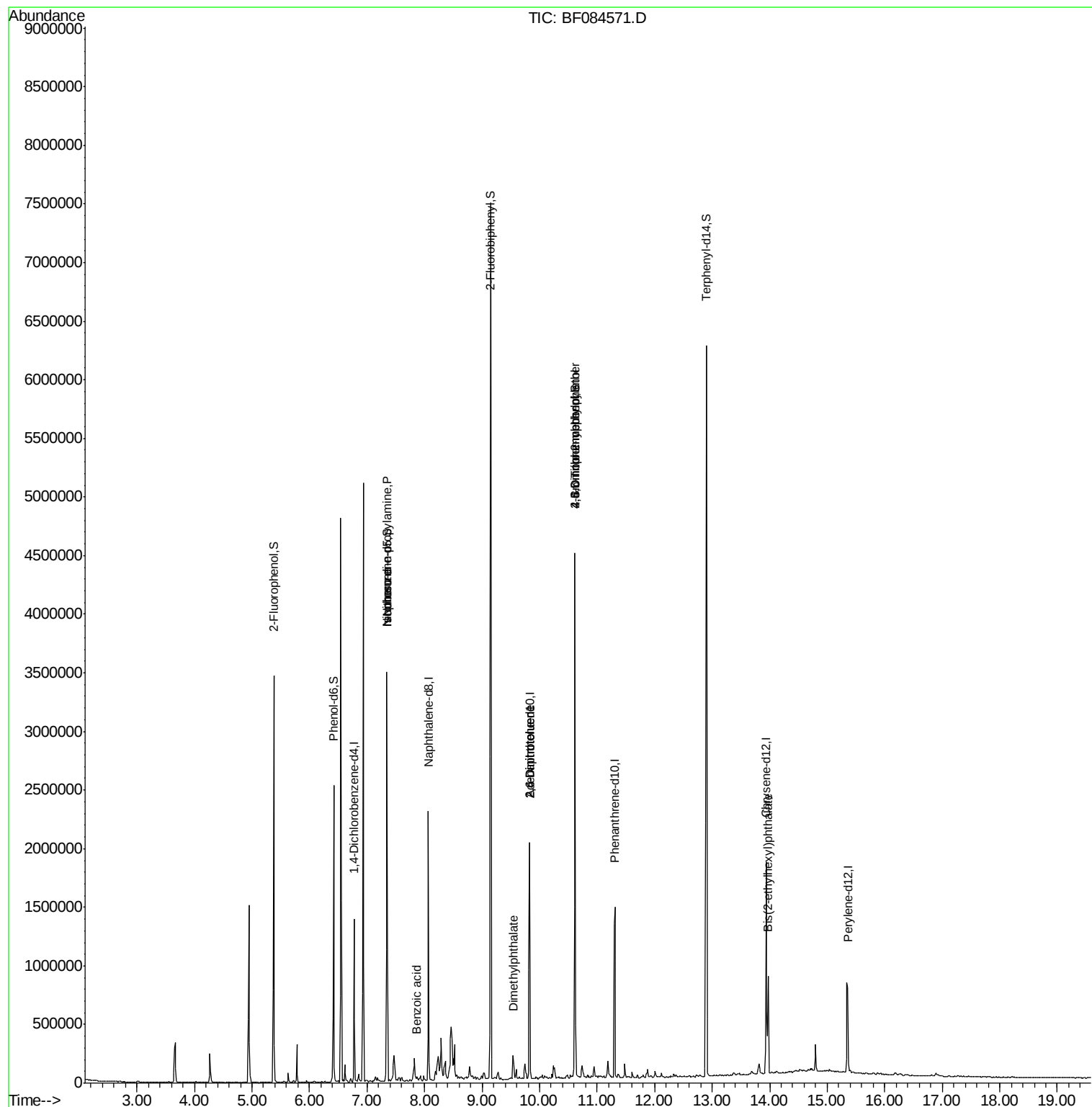
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	216964	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	945818	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	446781	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	768601	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	577415	20.00	ng	-0.06
86) Perylene-d12	15.36	264	434534	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	882799	65.81	ng	-0.06
7) Phenol-d6	6.42	99	733484	43.54	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1310307	77.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	515075	114.19	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2318315	91.79	ng	-0.05
78) Terphenyl-d14	12.90	244	1931281	74.66	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	184464	16.18	ng	# 73
25) Isophorone	7.34	82	1041965	32.06	ng	# 66
32) Benzoic acid	7.86	122	1285	6.36	ng	# 34
49) Dimethylphthalate	9.54	163	99927	3.13	ng	# 89
50) 2,6-Dinitrotoluene	9.82	165	56886	8.12	ng	# 38
54) Dibenzofuran	10.02	168	1169	Below Cal	#	84
56) 2,4-Dinitrotoluene	9.82	165	56889	6.42	ng	# 22
57) Fluorene	10.37	166	1088	Below Cal	#	76
64) 4,6-Dinitro-2-methylphenol	10.61	198	1358	6.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	33585	4.06	ng	# 1
73) Di-n-butylphthalate	11.88	149	38406	Below Cal		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	375045	15.14	ng	# 95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
Data File : BF084571.D
Acq On : 20 Jan 2016 18:18
Operator : SJ/UM
Sample : H1177-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR9887

Quant Time: Jan 20 22:09:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

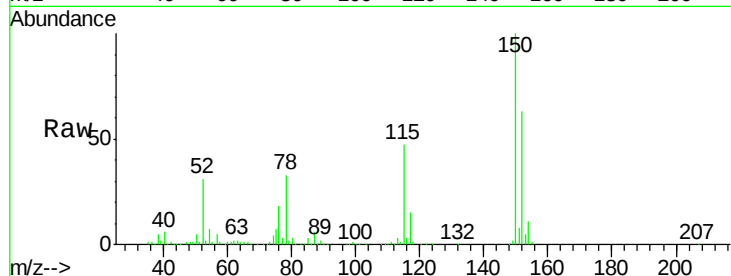
Tgt Ion:152 Resp: 216964

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

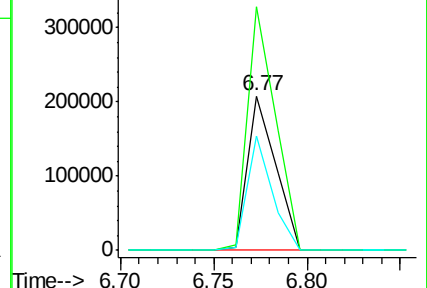
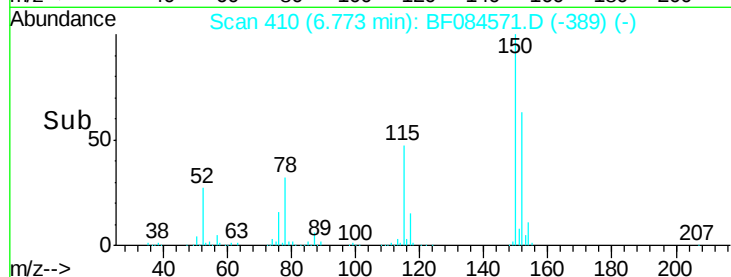
115 74.1 51.4 77.2



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: 65.81 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

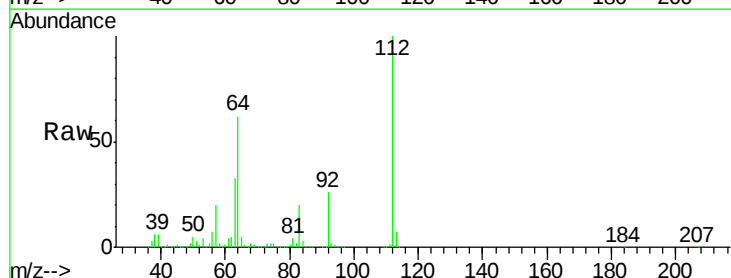
Tgt Ion:112 Resp: 882799

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

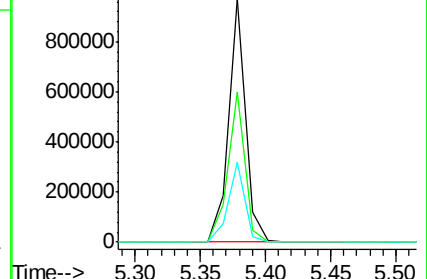
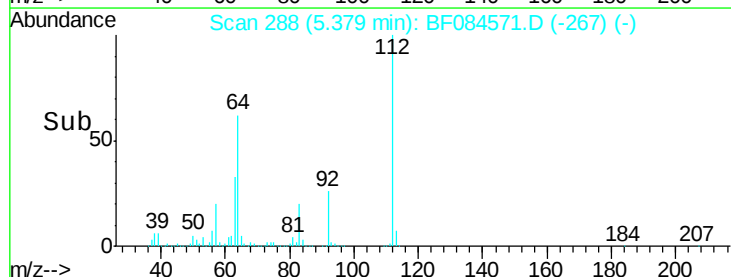
63 32.6 19.4 29.0#

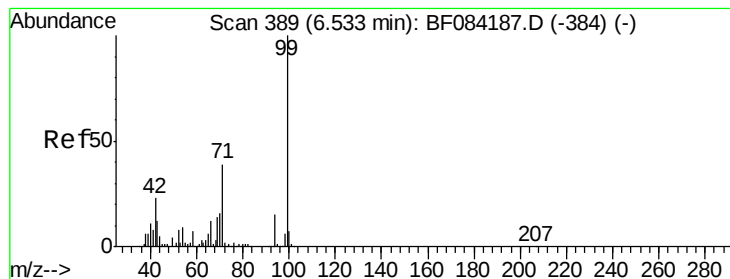


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.54 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

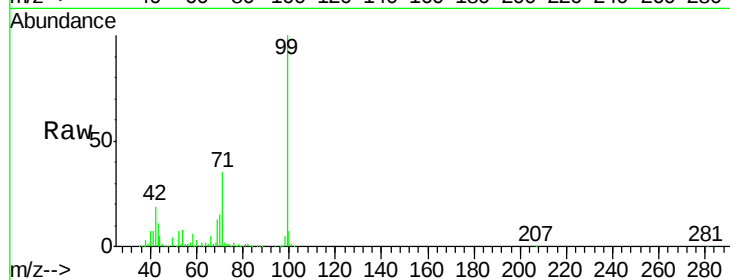
Tgt Ion: 99 Resp: 733484

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

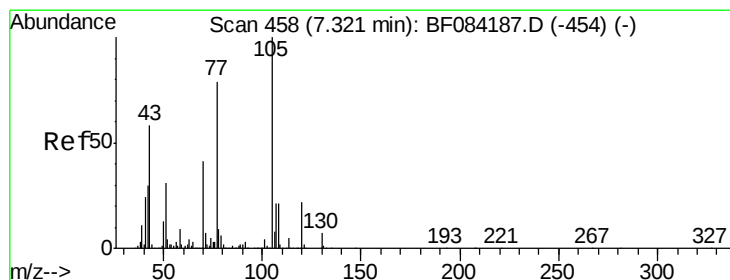
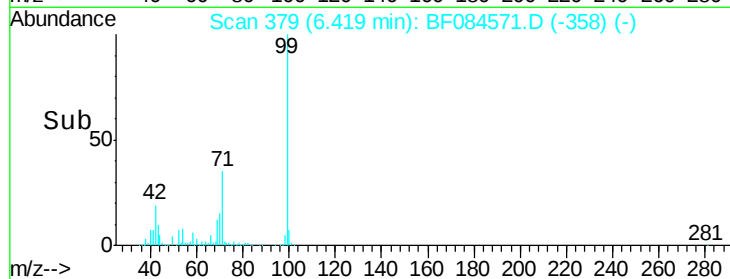
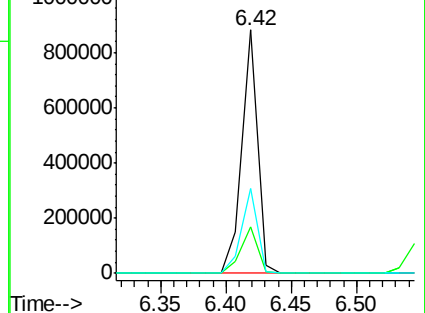
71 34.8 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.18 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.09 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Tgt Ion: 70 Resp: 184464

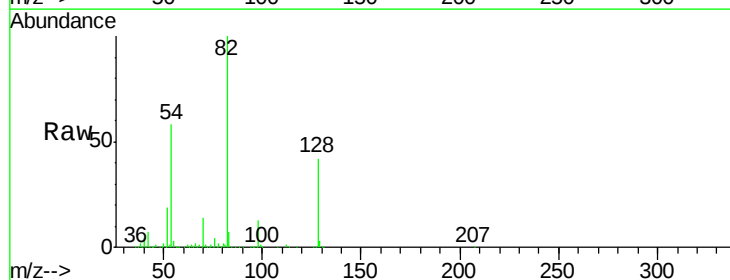
Ion Ratio Lower Upper

70 100

42 47.5 33.3 49.9

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

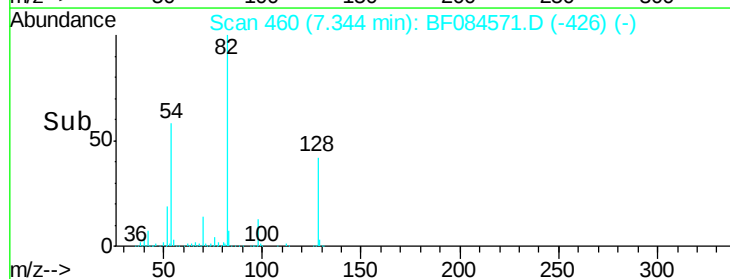
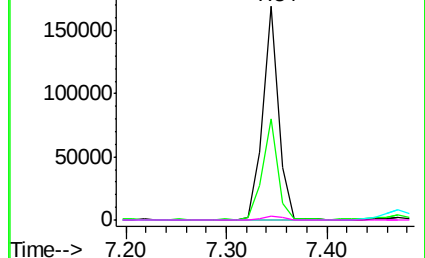


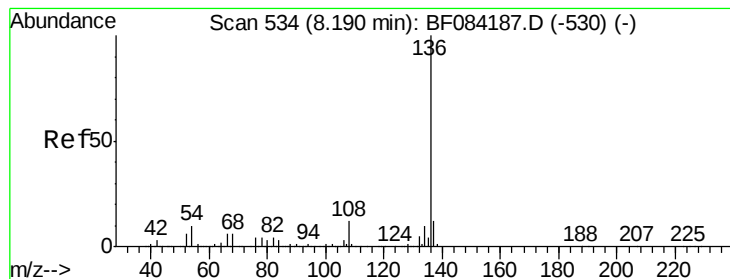
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

Tgt Ion:136 Resp: 945818

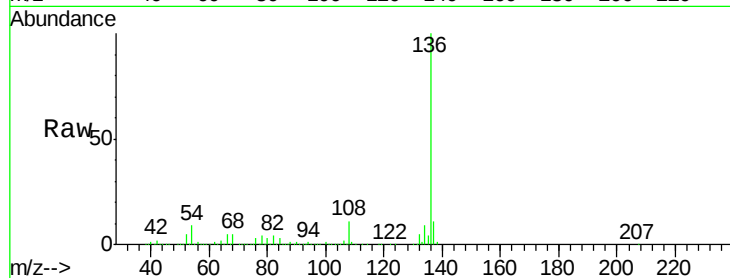
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.9 5.8 8.8#

68 5.2 4.2 6.2

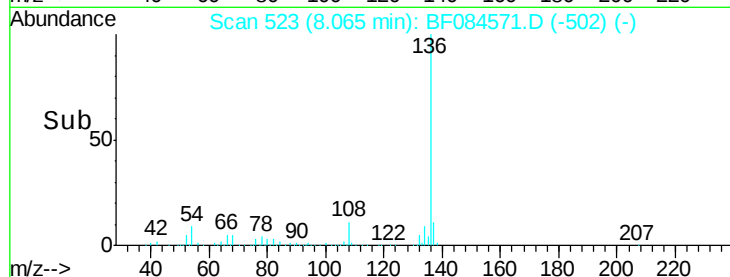


Abundance Ion 136.00 (135.70 to 136.70): E

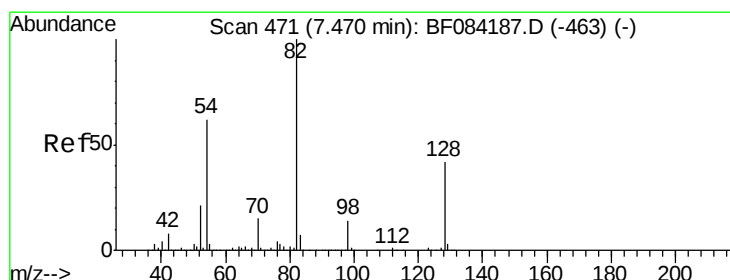
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 77.10 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

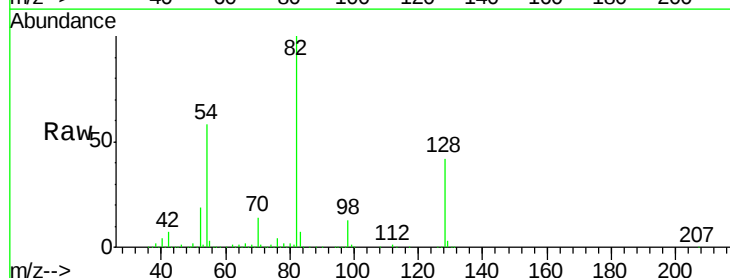
Tgt Ion: 82 Resp: 1310307

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

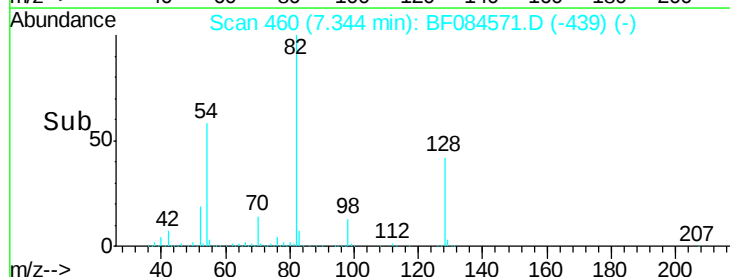
54 58.1 38.4 57.6#



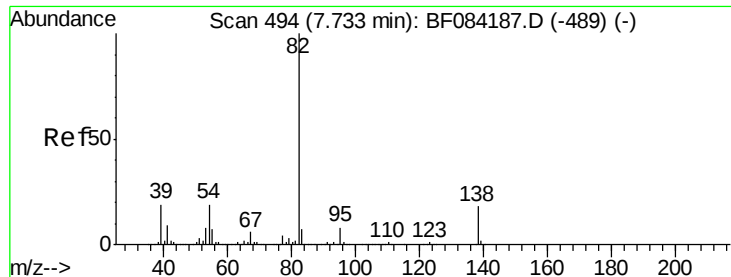
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 32.06 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.32 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

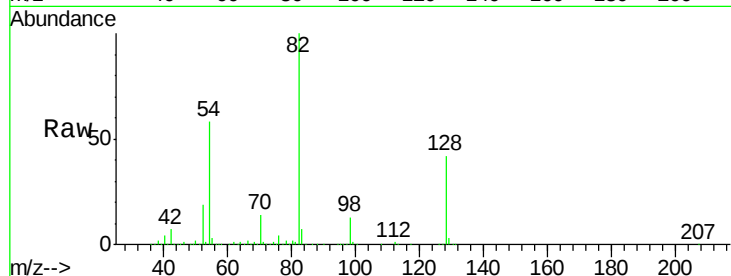
Tgt Ion: 82 Resp: 1041965

Ion Ratio Lower Upper

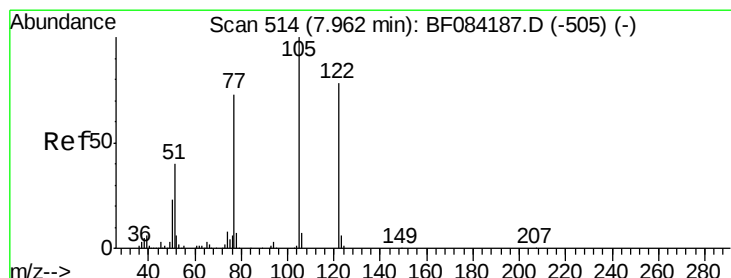
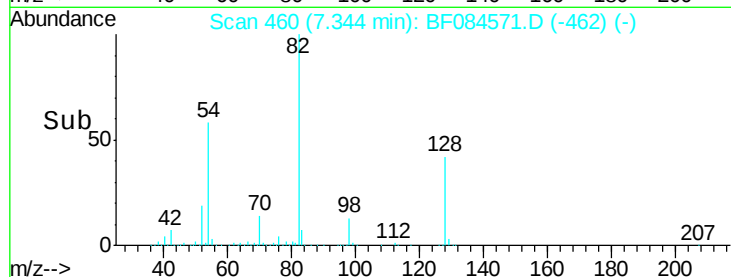
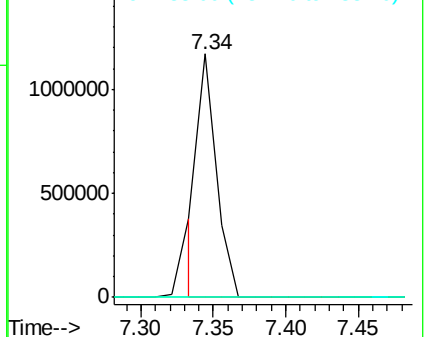
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.36 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

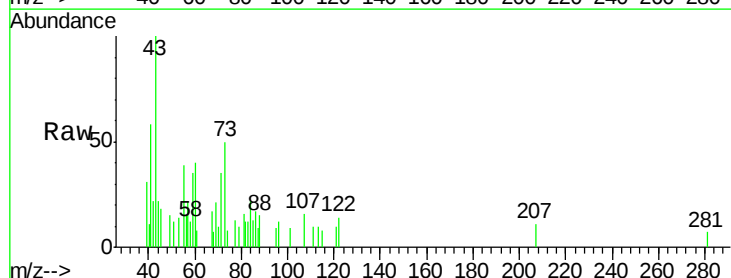
Tgt Ion: 122 Resp: 1285

Ion Ratio Lower Upper

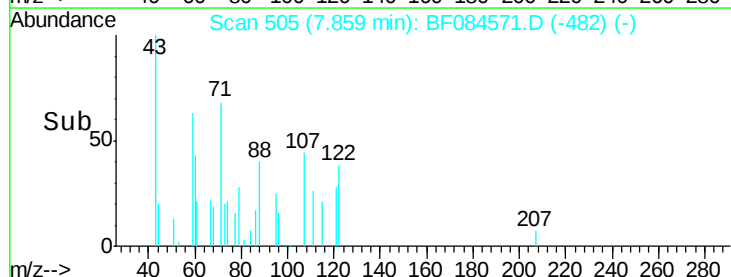
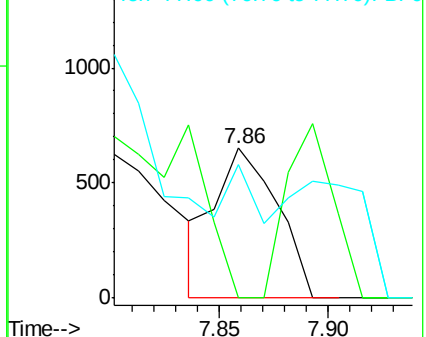
122 100

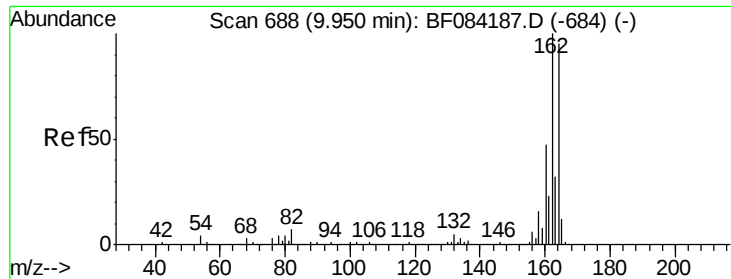
105 0.0 100.3 140.3#

77 89.1 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

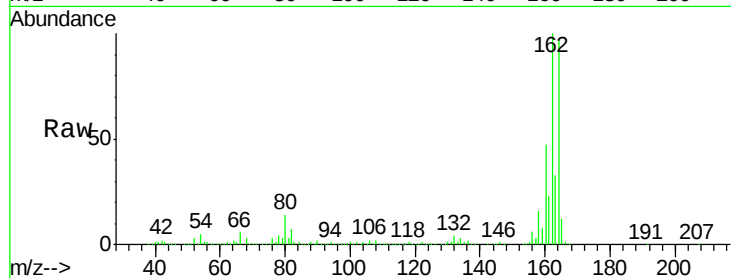




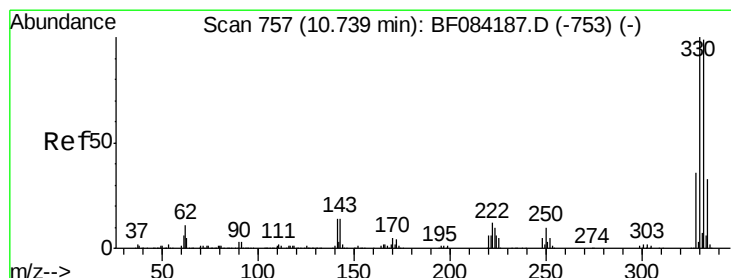
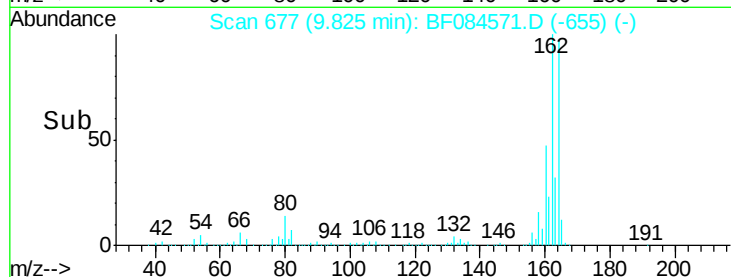
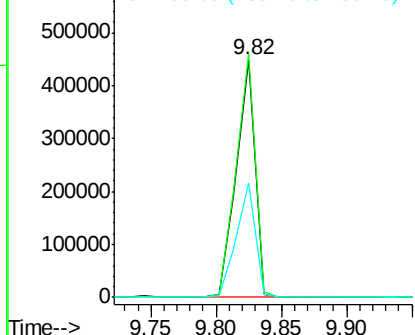
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

Tgt Ion:164 Resp: 446781
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.1 127.7
 160 48.1 37.5 56.3

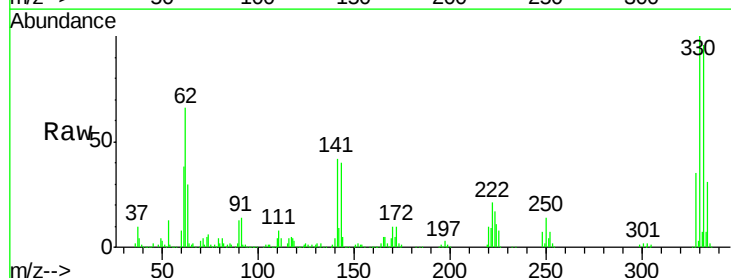


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

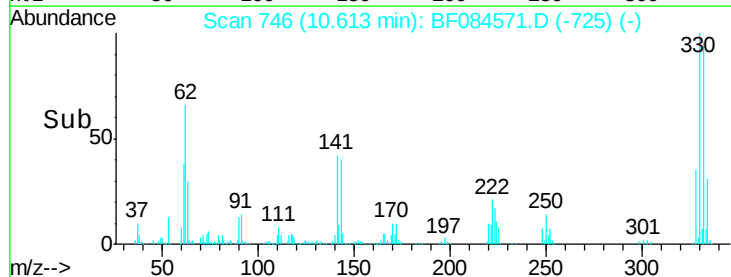
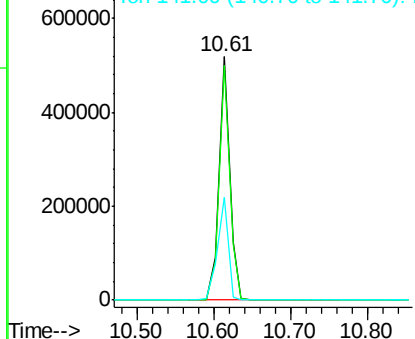


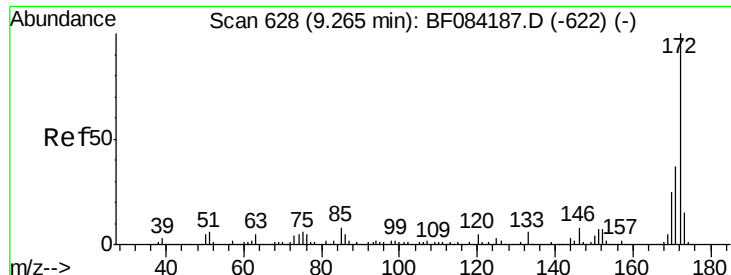
#41
 2,4,6-Tribromophenol
 Concen: 114.19 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt Ion:330 Resp: 515075
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 41.6 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

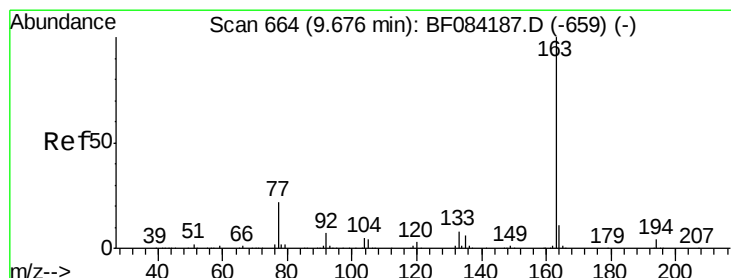
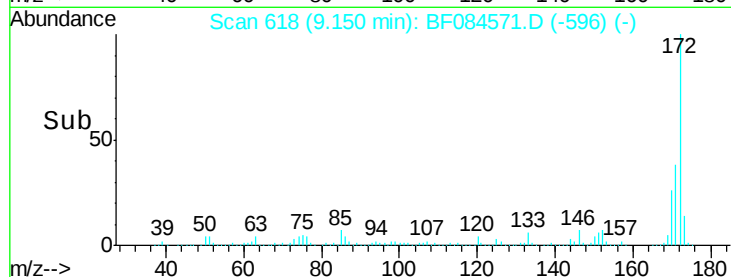
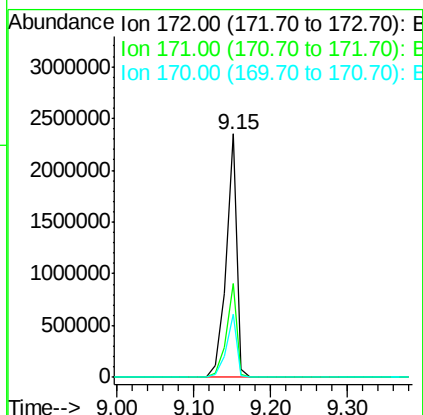
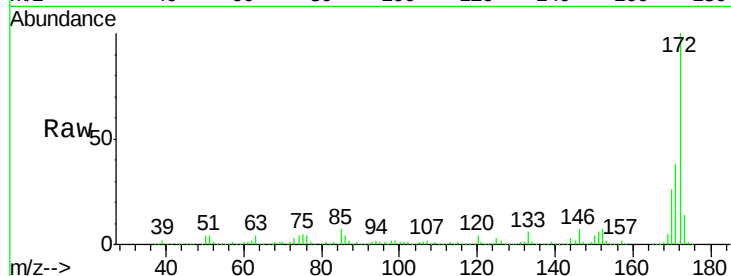




#44
 2-Fluorobiphenyl
 Concen: 91.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

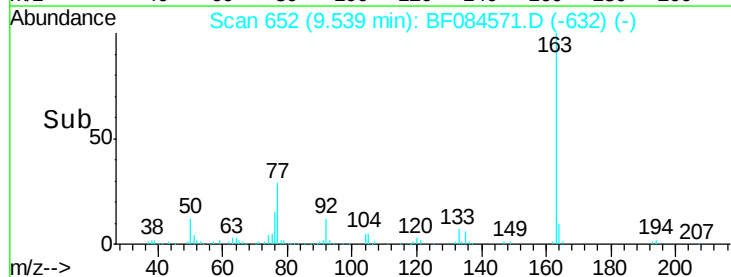
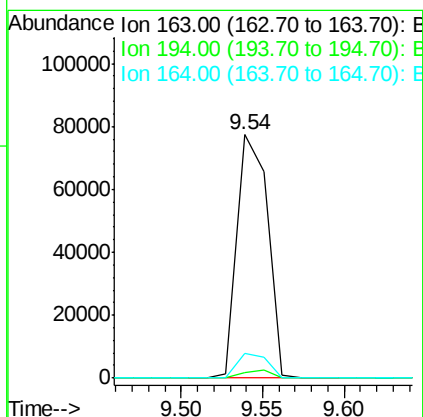
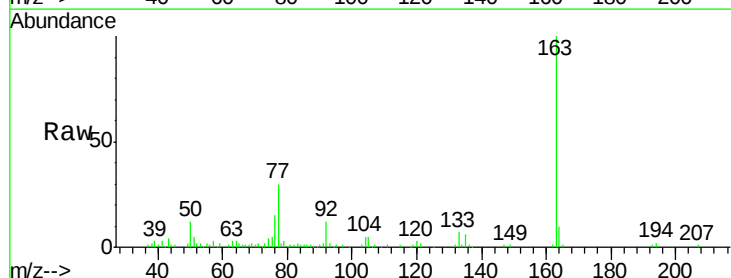
Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

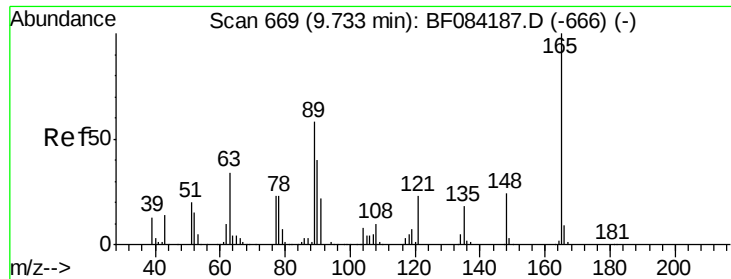
Tgt Ion:172 Resp: 2318315
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.1 18.6 27.8



#49
 Dimethylphthalate
 Concen: 3.13 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.07 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt Ion:163 Resp: 99927
 Ion Ratio Lower Upper
 163 100
 194 2.2 8.0 12.0#
 164 10.2 8.0 12.0

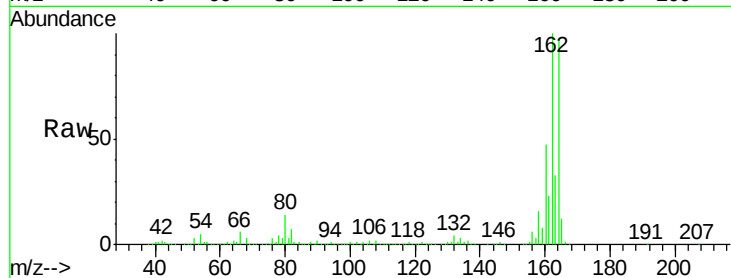




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.16 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

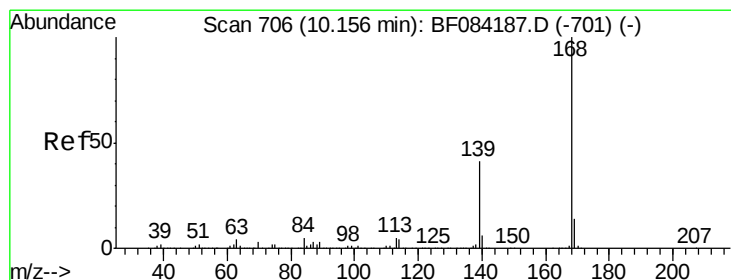
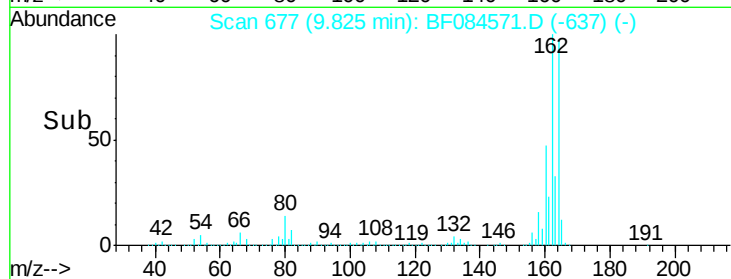
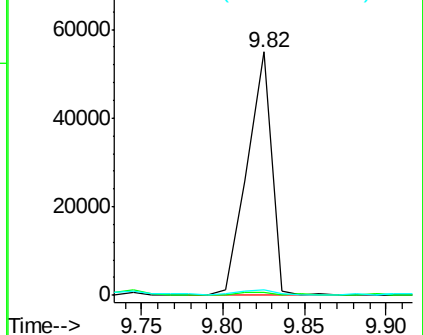
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	2.2	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

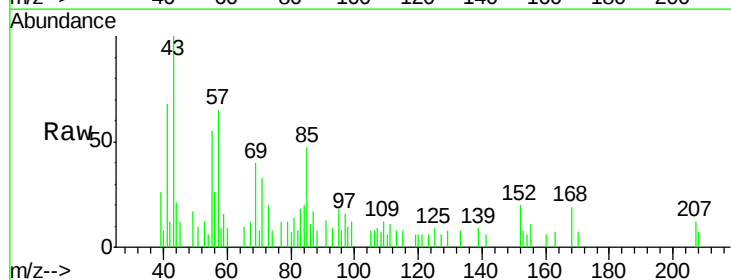
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.02 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

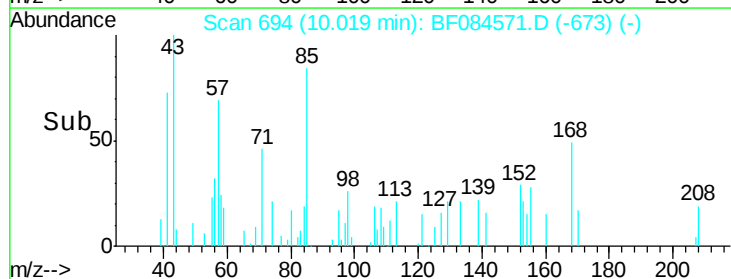
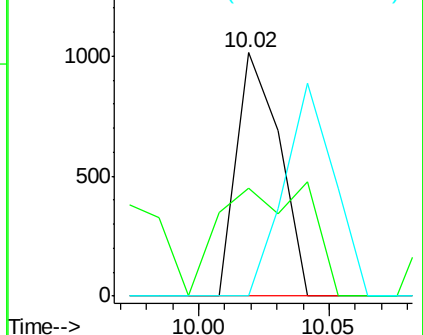
Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.5	45.7
169	0.0	10.4	15.6#

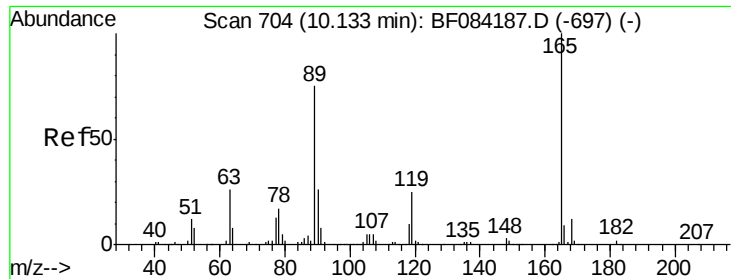


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

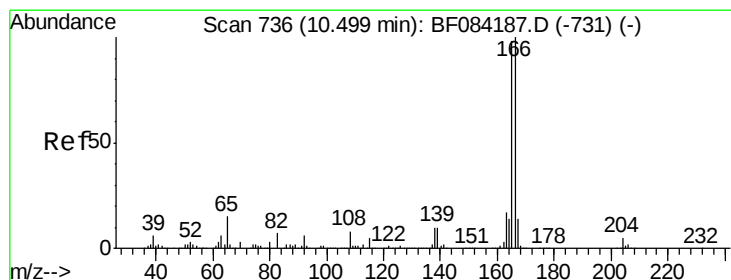
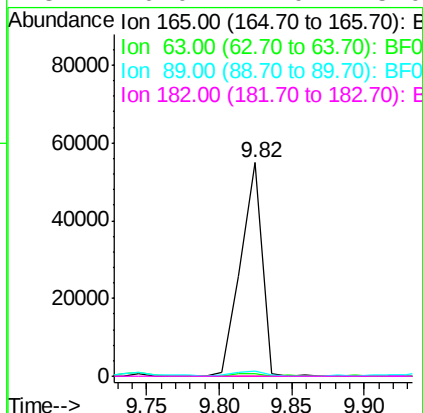
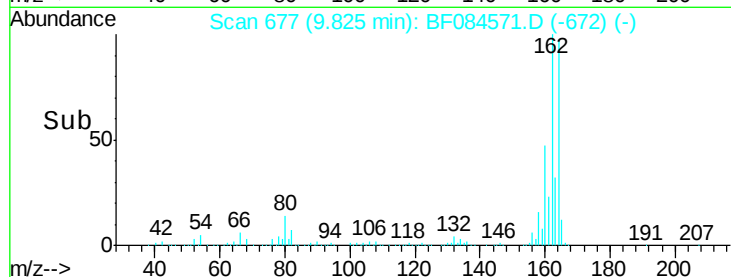
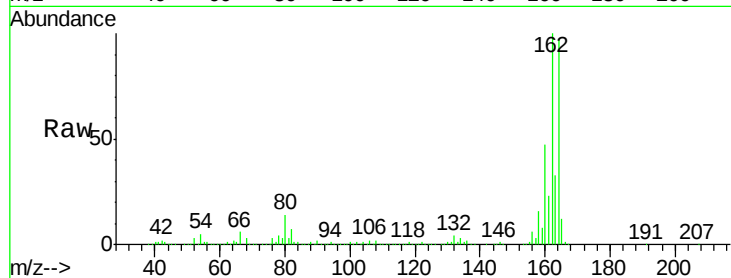




#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.24 min
Lab File: BF084571.D
Acq: 20 Jan 2016 18:18

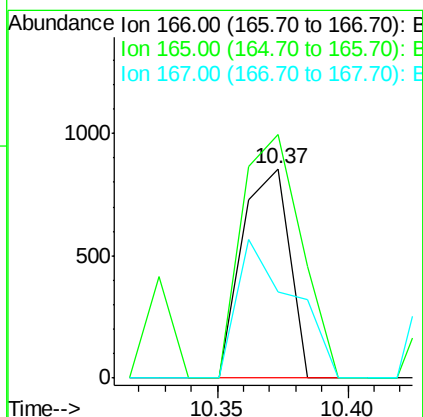
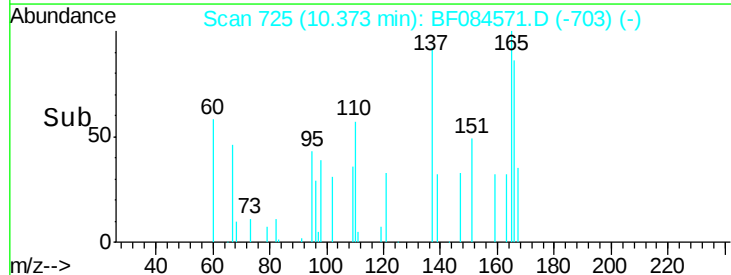
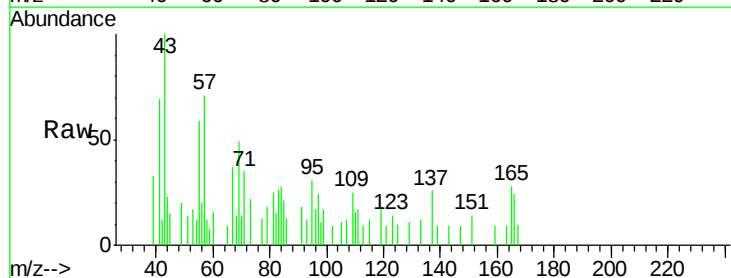
Instrument :
BNA_F
ClientSampleId :
LAR9887

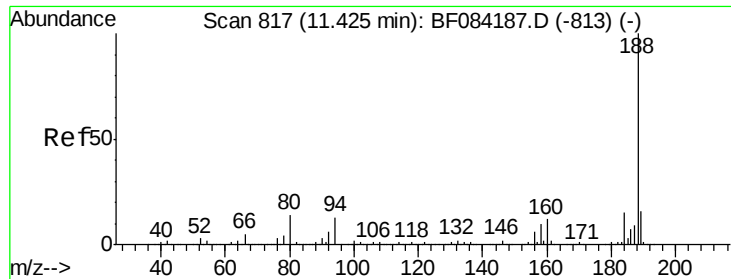
Tgt Ion:165 Resp: 56889
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 2.2 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084571.D
Acq: 20 Jan 2016 18:18

Tgt Ion:166 Resp: 1088
Ion Ratio Lower Upper
166 100
165 116.5 79.1 118.7
167 40.9 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

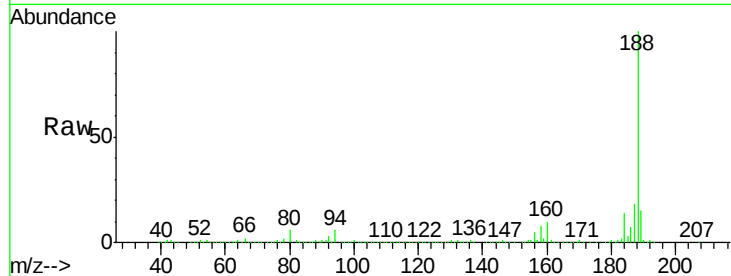
Tgt Ion:188 Resp: 768601

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

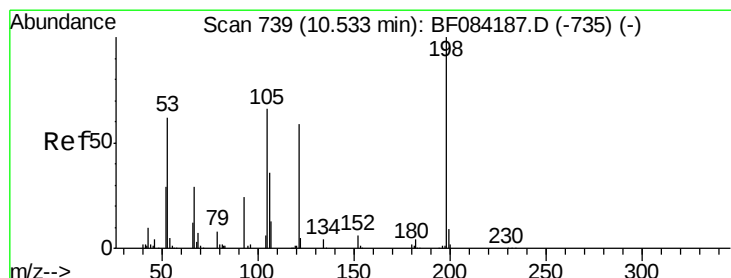
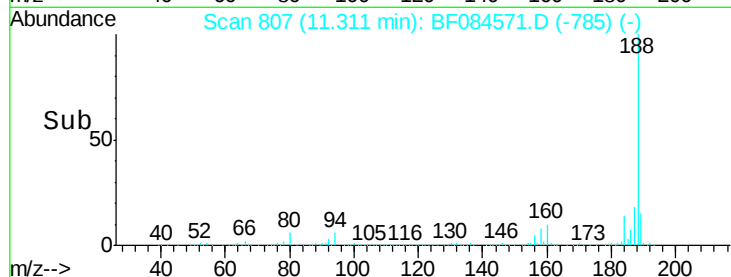
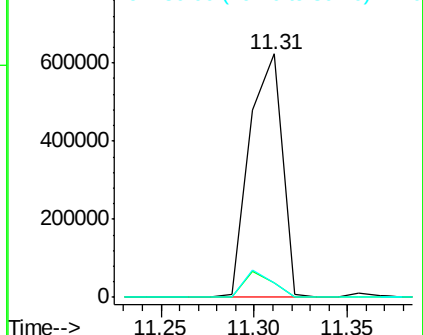
80 6.1 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.64 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.14 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

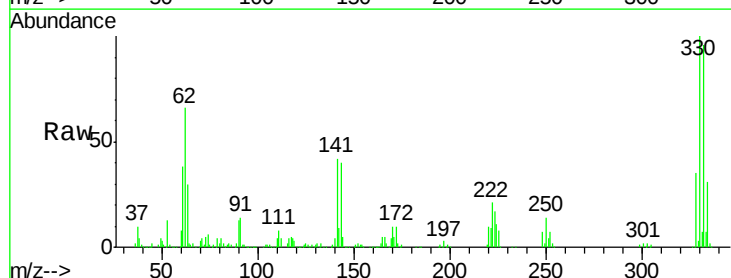
Tgt Ion:198 Resp: 1358

Ion Ratio Lower Upper

198 100

51 197.4 18.9 58.9#

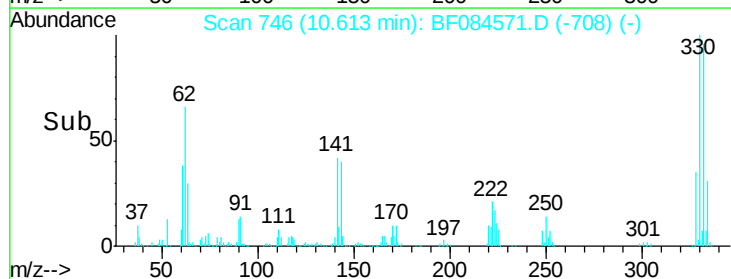
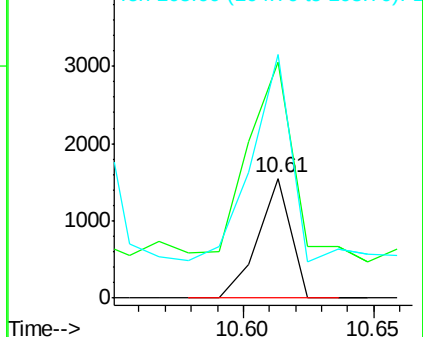
105 203.5 26.4 66.4#

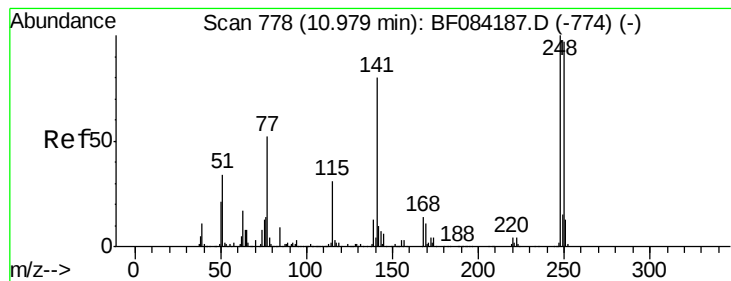


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.06 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.30 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

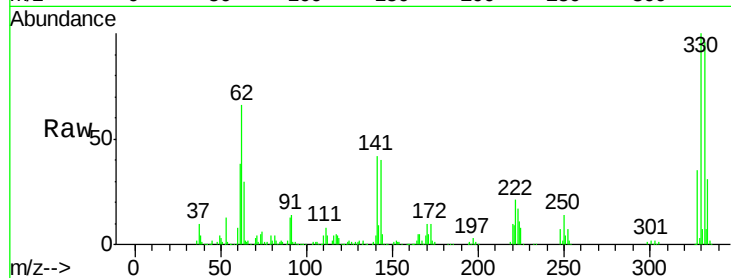
Tgt Ion:248 Resp: 33585

Ion Ratio Lower Upper

248 100

250 205.6 78.4 117.6#

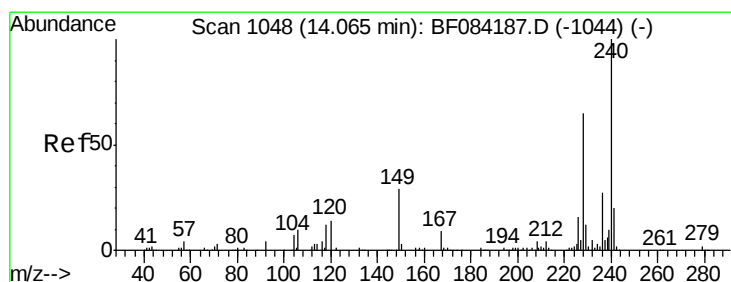
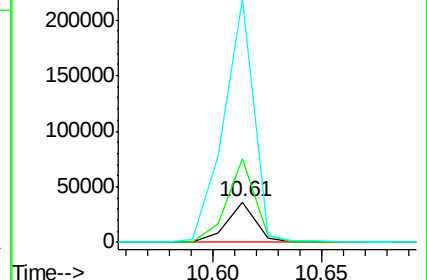
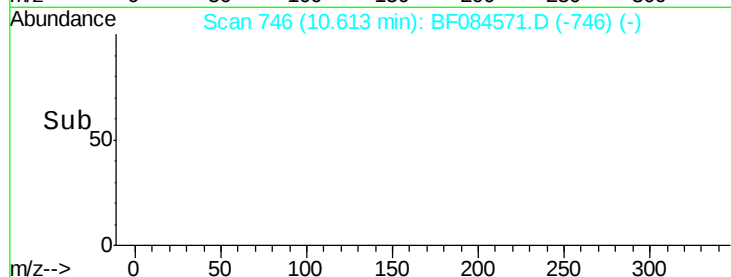
141 602.0 44.0 66.0#



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: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

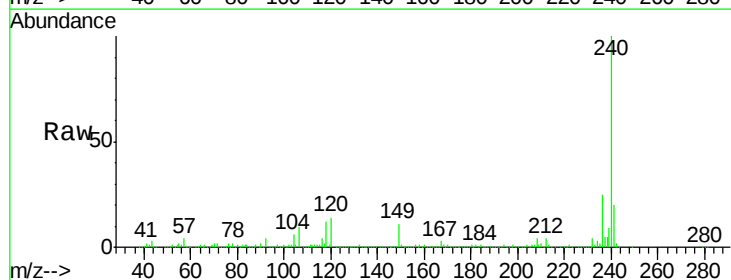
Tgt Ion:240 Resp: 577415

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

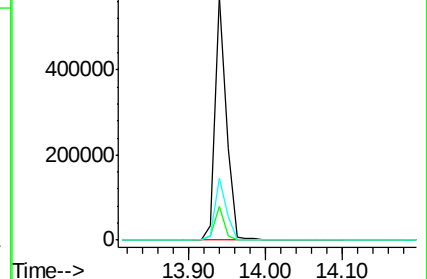
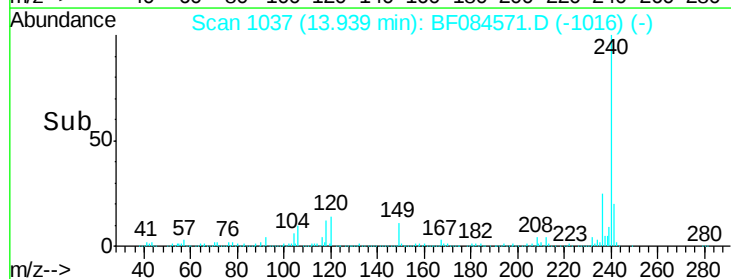
236 25.3 20.6 31.0

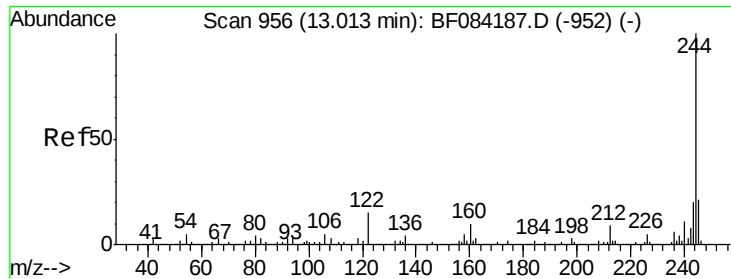


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

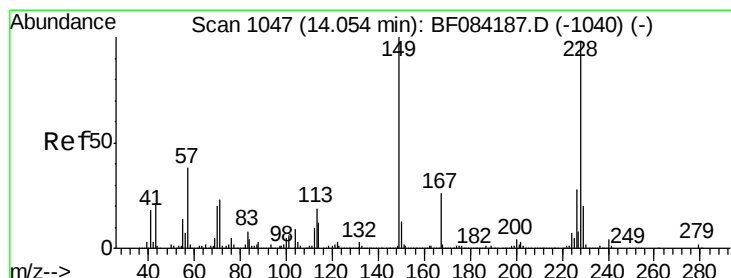
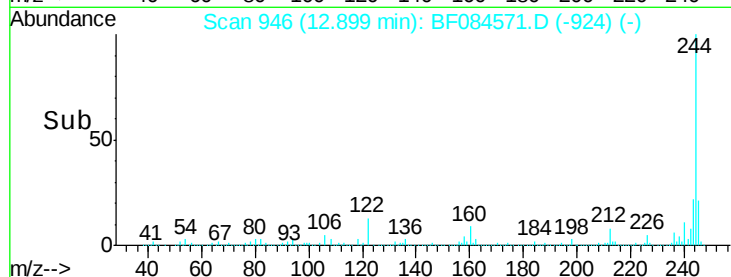
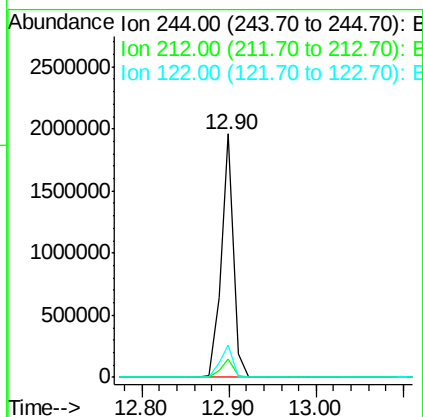
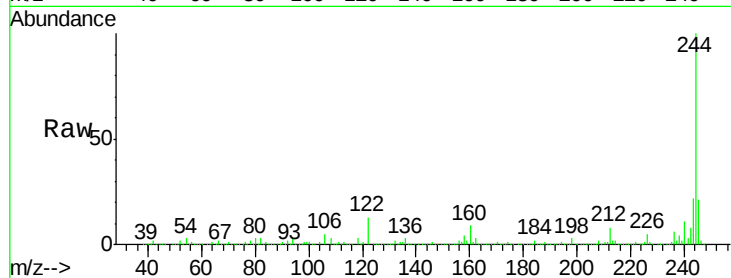




#78
 Terphenyl-d14
 Concen: 74.66 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

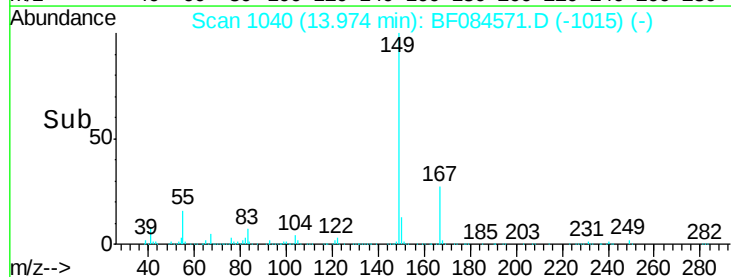
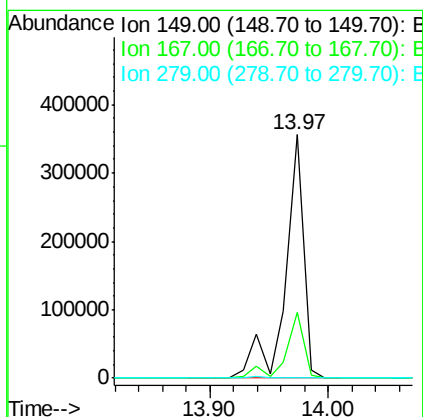
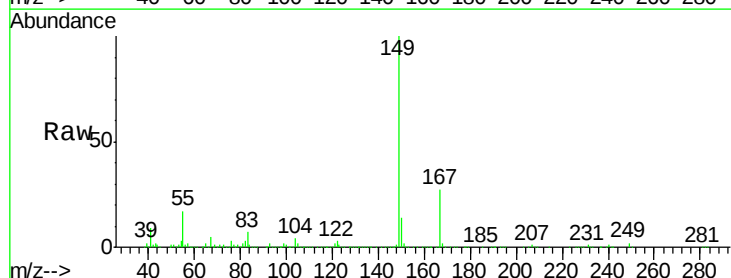
Instrument :
 BNA_F
 ClientSampleId :
 LAR9887

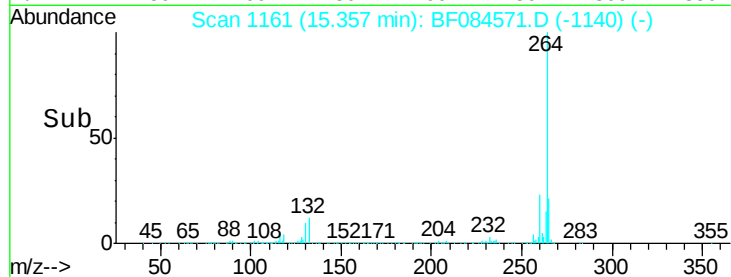
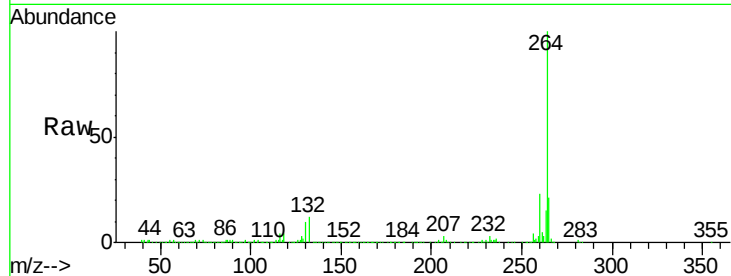
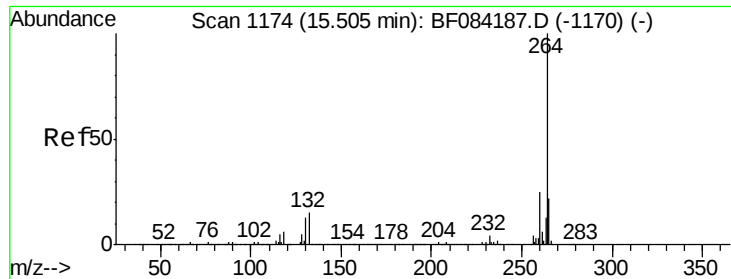
Tgt Ion:244 Resp: 1931281
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.2 7.4 11.0#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.14 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF084571.D
 Acq: 20 Jan 2016 18:18

Tgt Ion:149 Resp: 375045
 Ion Ratio Lower Upper
 149 100
 167 26.8 19.7 29.5
 279 0.0 1.8 2.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF084571.D

Acq: 20 Jan 2016 18:18

Instrument :

BNA_F

ClientSampleId :

LAR9887

Tgt Ion:264 Resp: 434534

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 20.7 17.8 26.6

