

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084221.D
 Acq On : 1 Jan 2016 3:25
 Operator : UM/SJ
 Sample : G4981-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0531

Quant Time: Jan 01 23:50:31 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

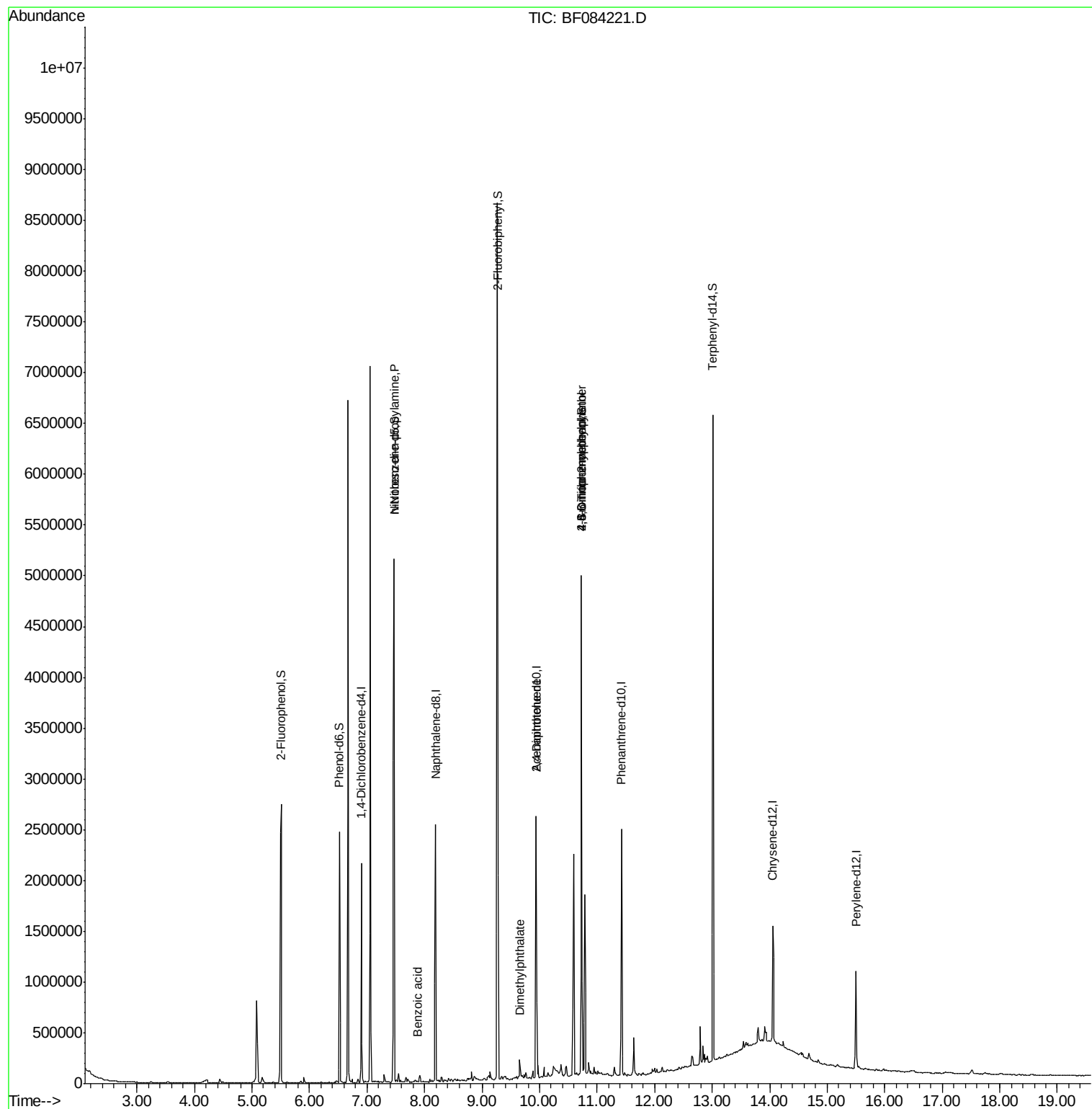
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	280610	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1183913	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	492146	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	791011	20.00	ng	0.00
75) Chrysene-d12	14.05	240	518023	20.00	ng	-0.01
86) Perylene-d12	15.51	264	539796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1033396	59.57	ng	0.01
7) Phenol-d6	6.52	99	729739	33.49	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1976612	92.92	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	521378	104.93	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2593051	93.31	ng	0.00
78) Terphenyl-d14	13.01	244	1829229	78.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	278544	18.89	ng	# 71
32) Benzoic acid	7.87	122	1774	6.37	ng	# 61
49) Dimethylphthalate	9.65	163	80417	2.29	ng	# 90
54) Dibenzofuran	10.14	168	1952	Below Cal	#	71
56) 2,4-Dinitrotoluene	9.94	165	66177	6.78	ng	# 22
57) Fluorene	10.49	166	2095	Below Cal	#	76
64) 4,6-Dinitro-2-methylphenol	10.73	198	1587	6.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	32985	3.87	ng	# 1
73) Di-n-butylphthalate	12.00	149	19363	Below Cal	#	93

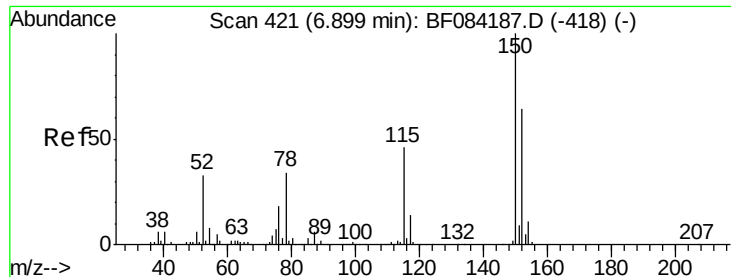
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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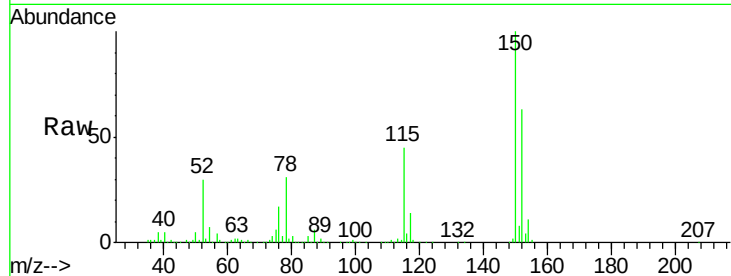


#1

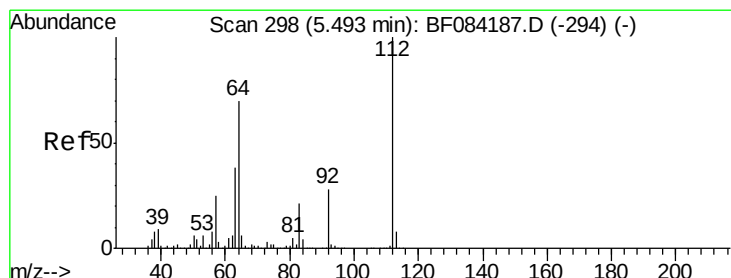
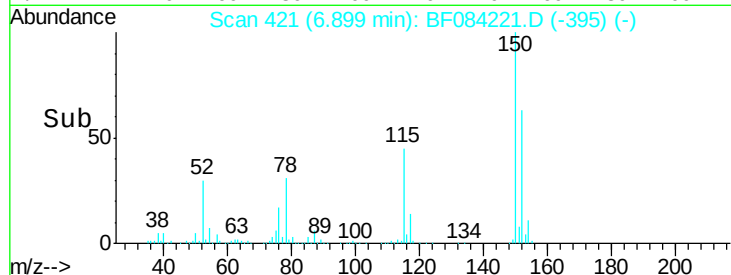
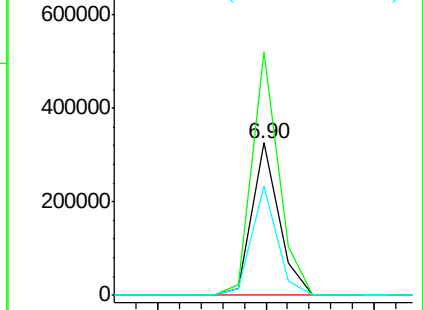
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:152 Resp: 280610
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.4
115 71.6 51.4 77.2



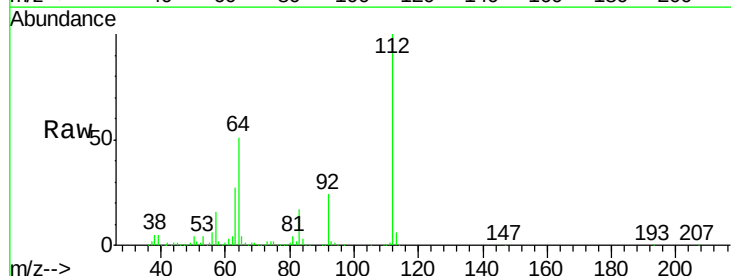
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



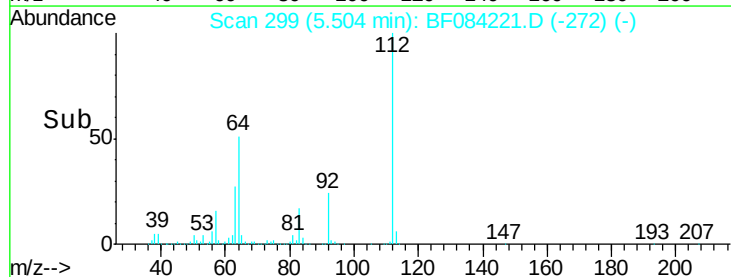
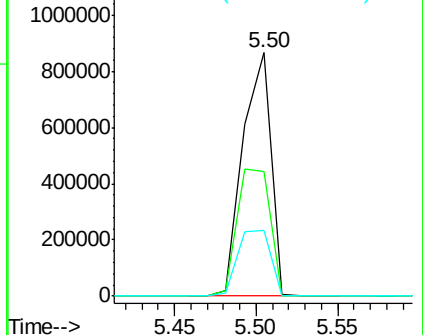
#5

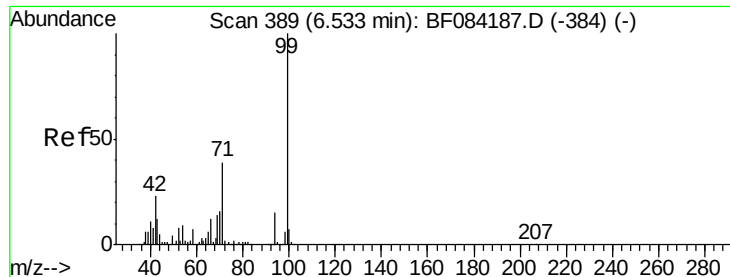
2-Fluorophenol
Concen: 59.57 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

Tgt Ion:112 Resp: 1033396
Ion Ratio Lower Upper
112 100
64 51.2 36.6 55.0
63 26.9 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: 33.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

Instrument :

BNA_F

ClientSampleId :

S8-0531

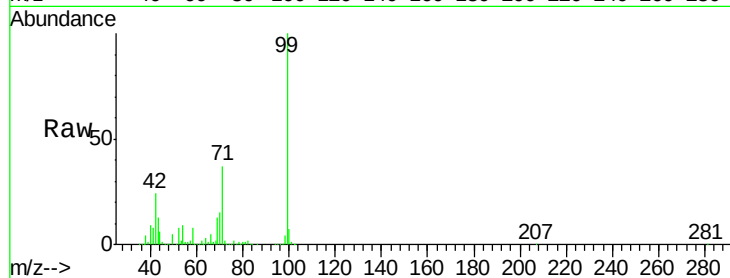
Tgt Ion: 99 Resp: 729739

Ion Ratio Lower Upper

99 100

42 24.2 12.8 19.2#

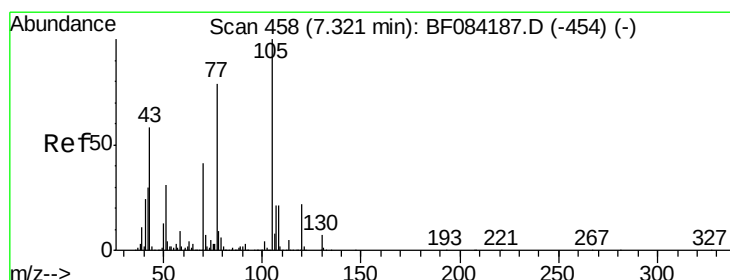
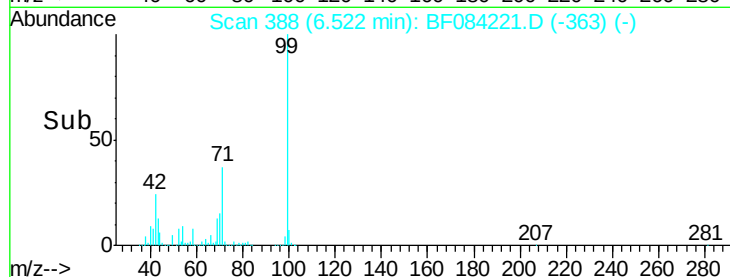
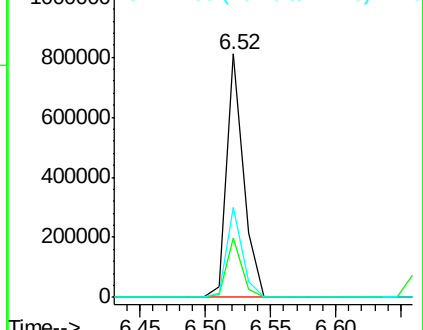
71 37.2 30.9 46.3



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: 18.89 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

Tgt Ion: 70 Resp: 278544

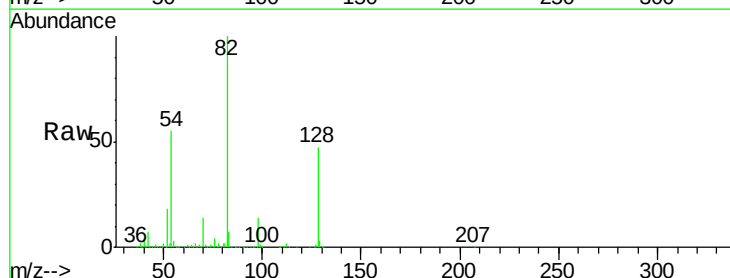
Ion Ratio Lower Upper

70 100

42 49.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

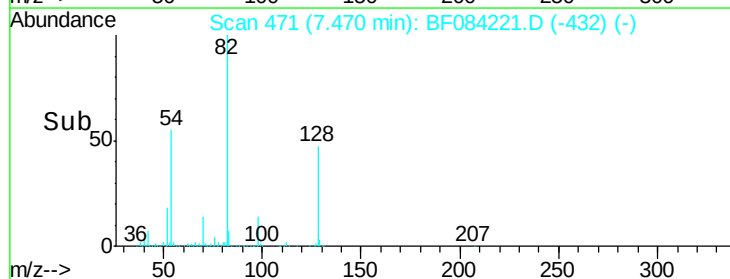
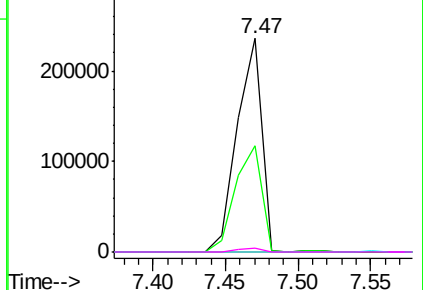


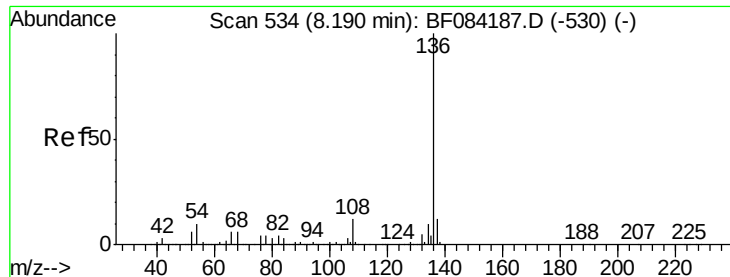
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

Instrument :

BNA_F

ClientSampleId :

S8-0531

Tgt Ion:136 Resp: 1183913

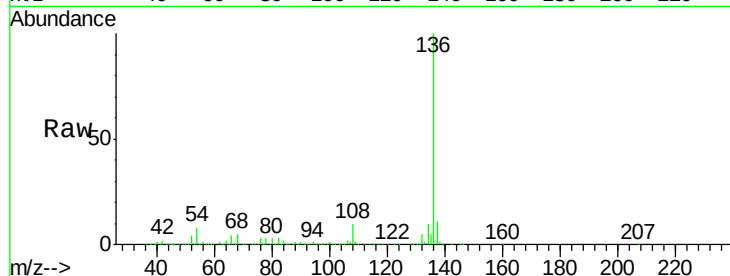
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 5.8 8.8

68 4.7 4.2 6.2

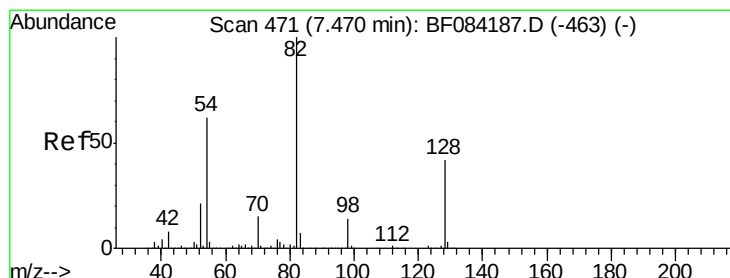
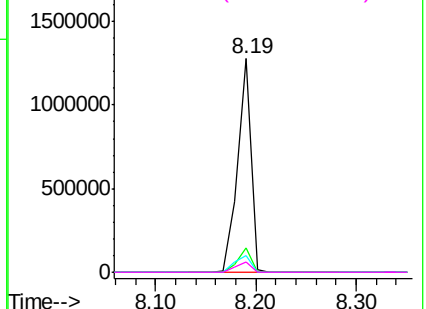
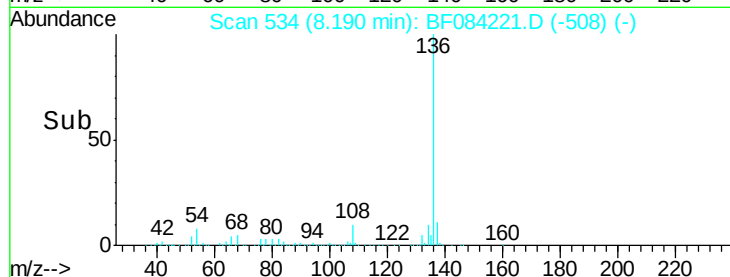


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 92.92 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

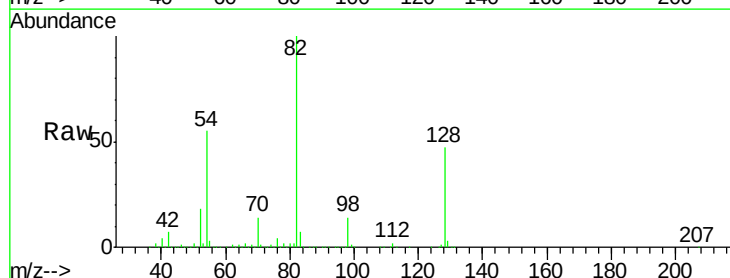
Tgt Ion: 82 Resp: 1976612

Ion Ratio Lower Upper

82 100

128 47.3 34.6 51.8

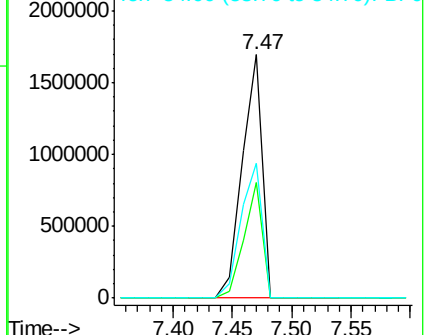
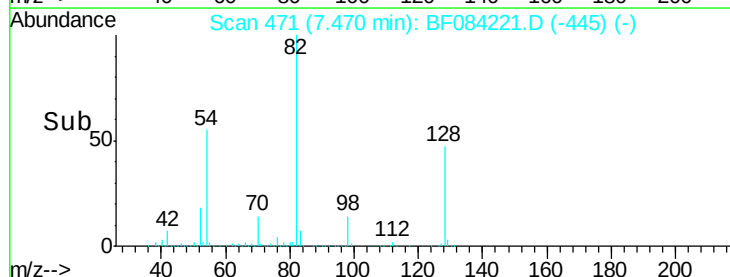
54 55.3 38.4 57.6

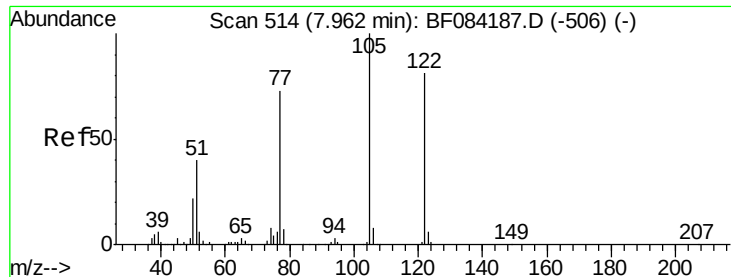


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

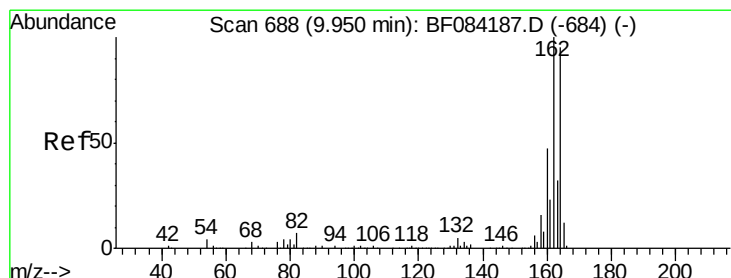
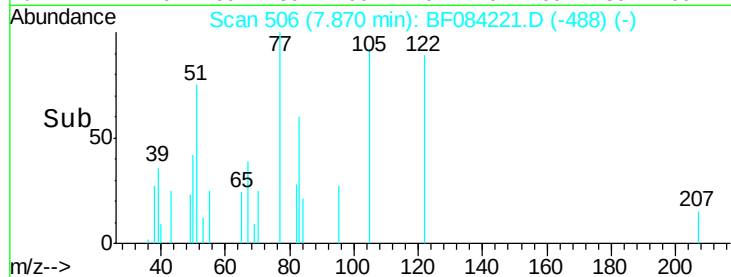
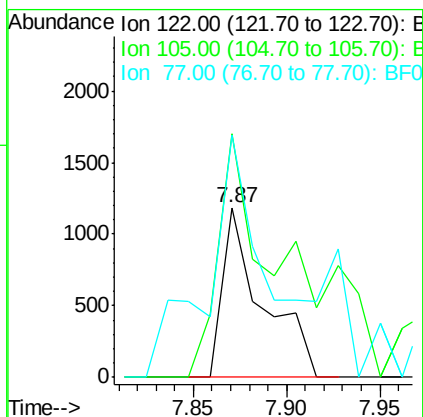
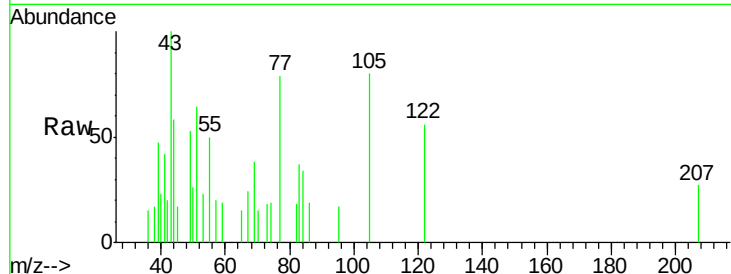




#32
Benzoic acid
Concen: 6.37 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

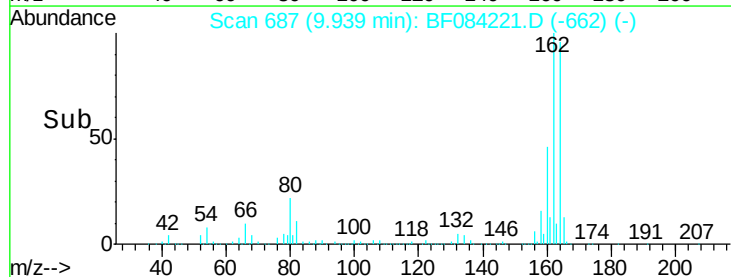
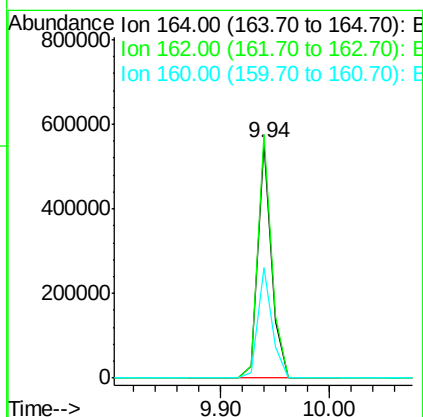
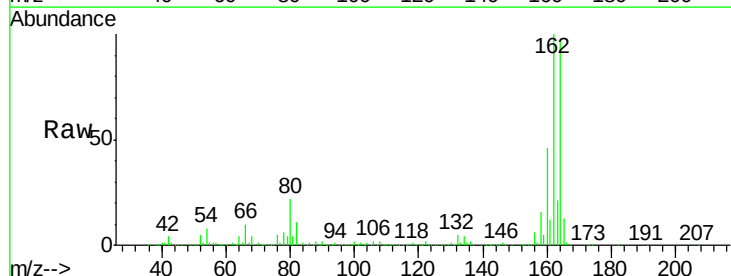
Instrument :
BNA_F
ClientSampleId :
S8-0531

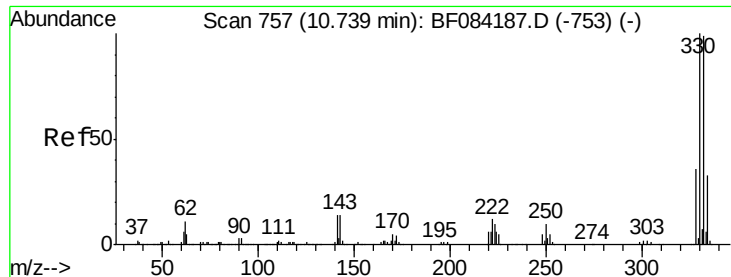
Tgt Ion:122 Resp: 1774
Ion Ratio Lower Upper
122 100
105 143.4 100.3 140.3#
77 142.5 63.5 103.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

Tgt Ion:164 Resp: 492146
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 47.2 37.5 56.3

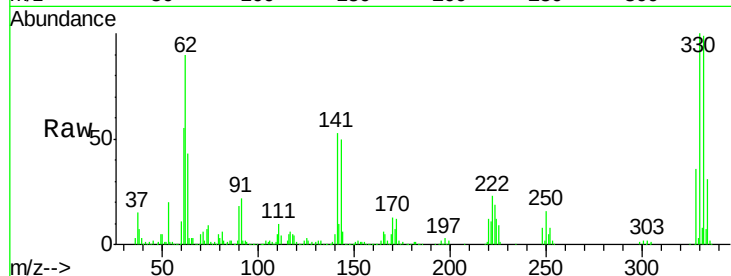




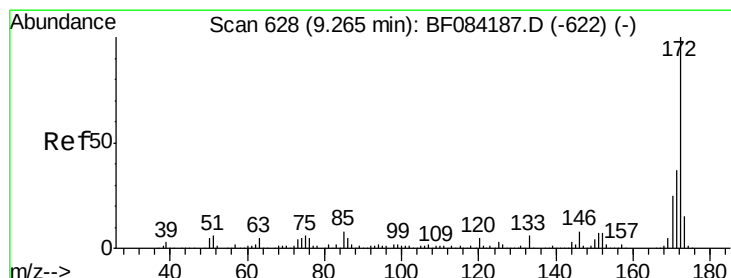
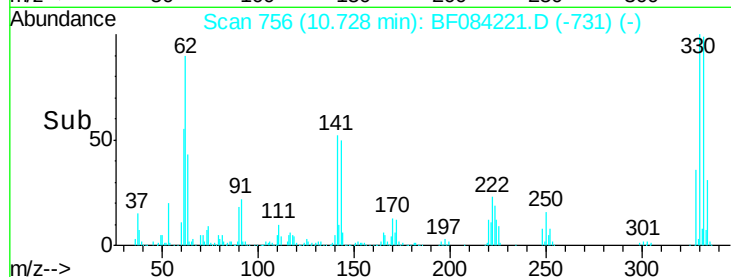
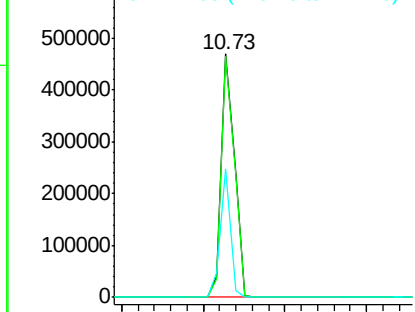
#41
 2,4,6-Tribromophenol
 Concen: 104.93 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 S8-0531

Tgt Ion:330 Resp: 521378
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 40.9 27.8 41.6

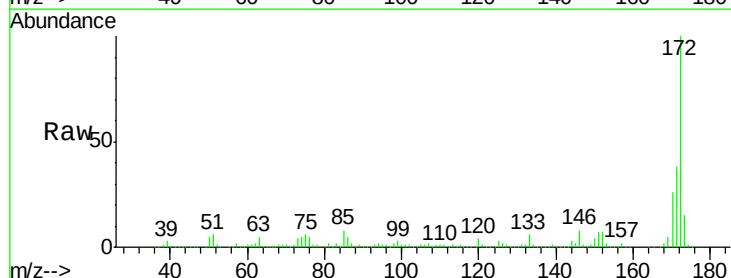


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

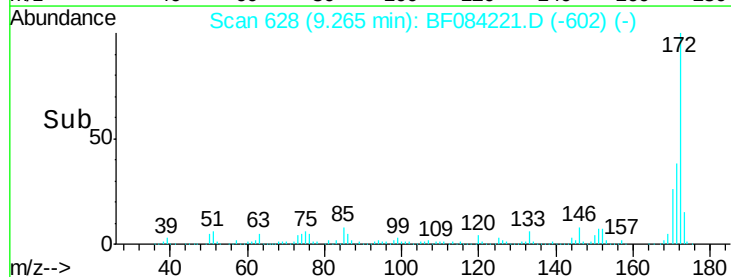
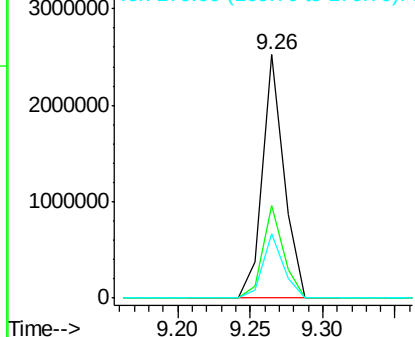


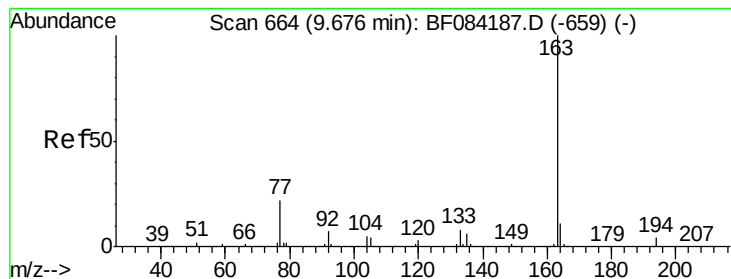
#44
 2-Fluorobiphenyl
 Concen: 93.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

Tgt Ion:172 Resp: 2593051
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.4 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: 2.29 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

Instrument :

BNA_F

ClientSampleId :

S8-0531

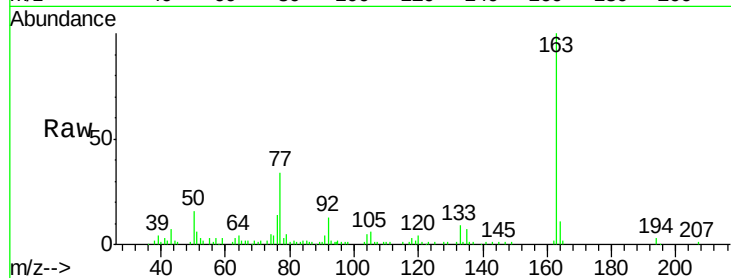
Tgt Ion:163 Resp: 80417

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

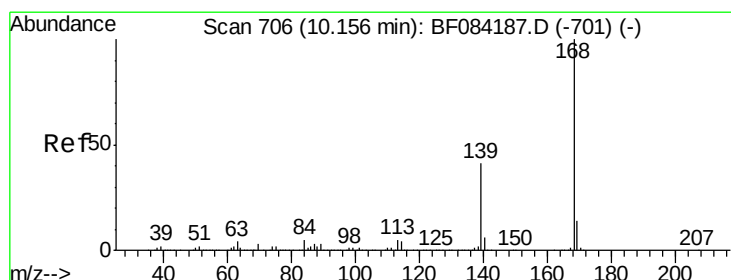
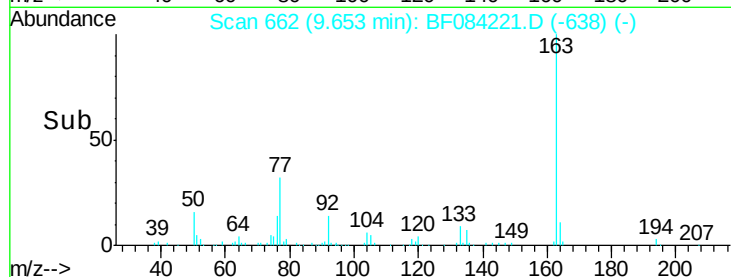
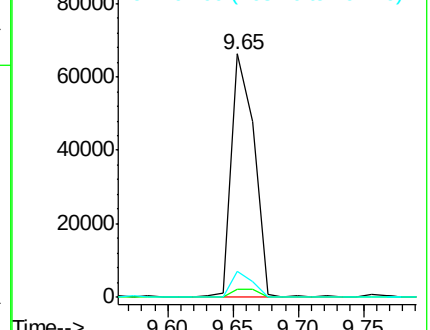
164 10.7 8.0 12.0



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



#54

Dibenzofuran

Concen: Below Cal

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

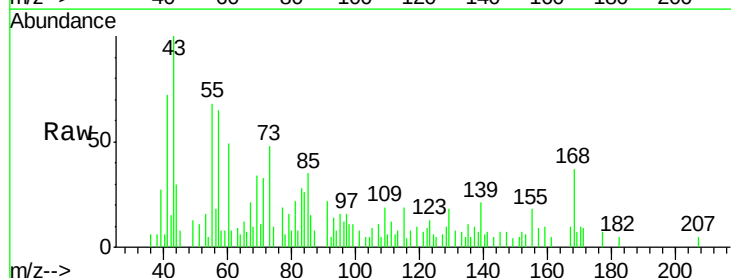
Tgt Ion:168 Resp: 1952

Ion Ratio Lower Upper

168 100

139 58.8 30.5 45.7#

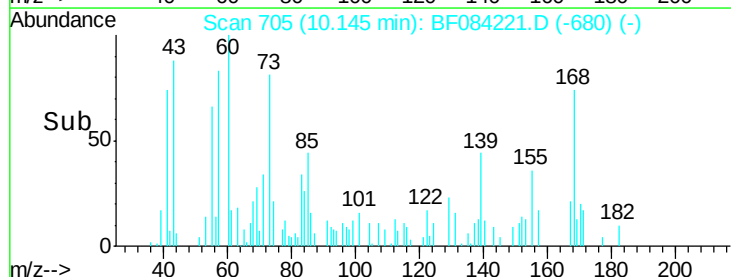
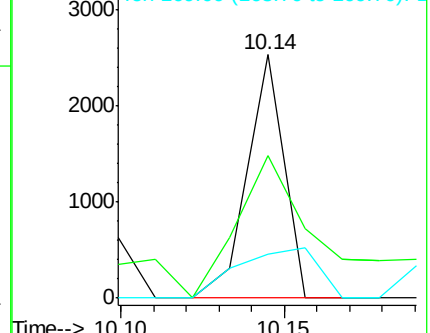
169 18.0 10.4 15.6#

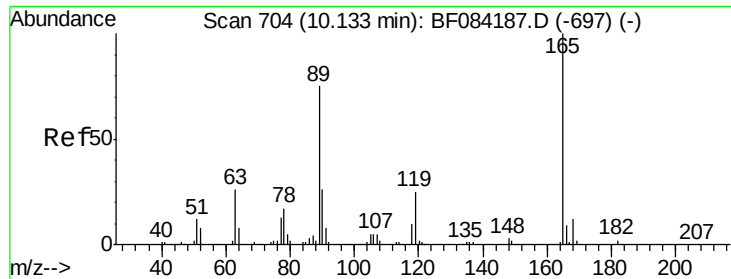


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

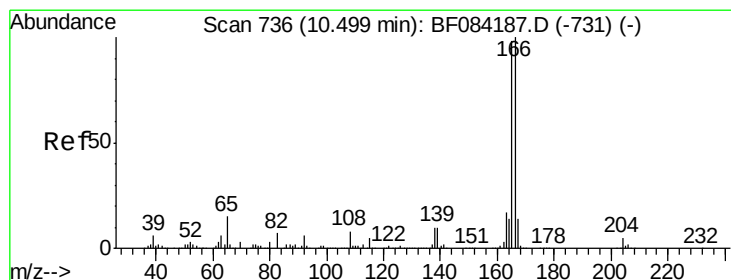
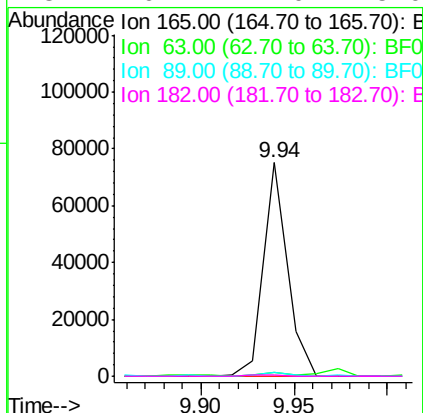
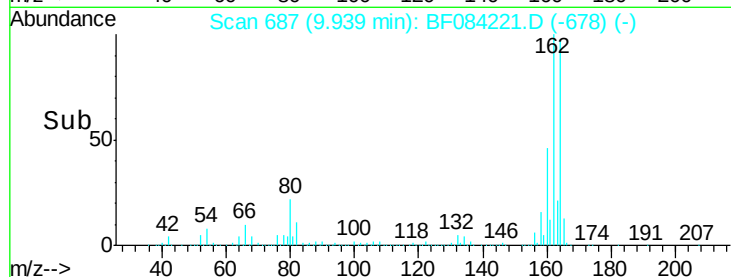
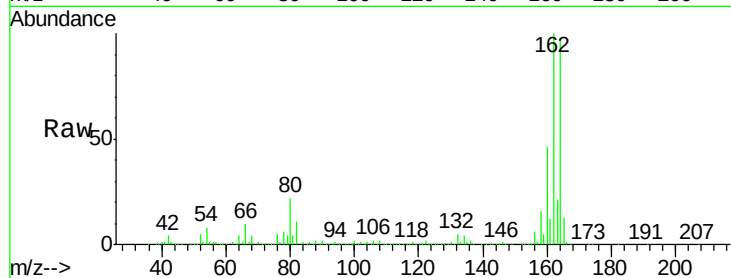




#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

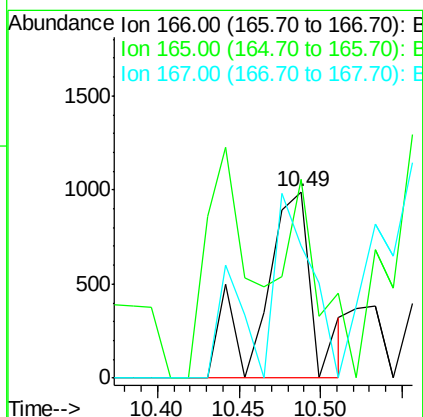
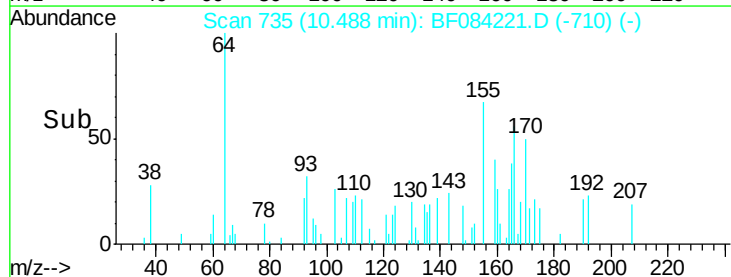
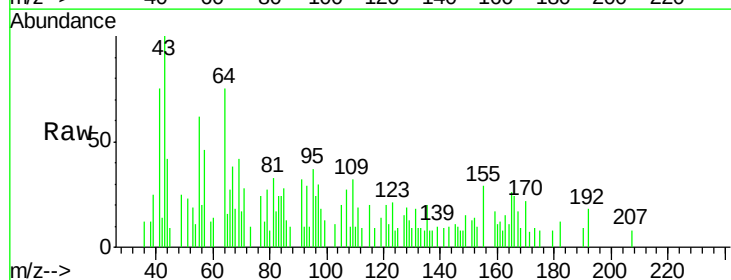
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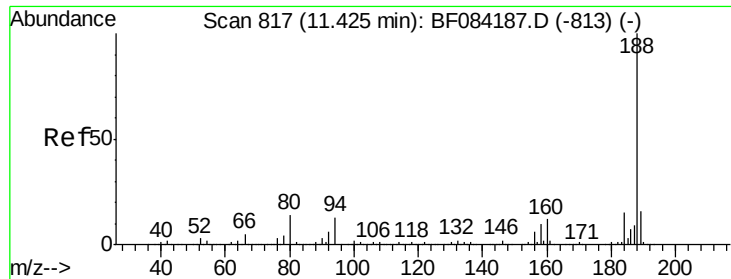
Tgt Ion:165 Resp: 66177
Ion Ratio Lower Upper
165 100
63 1.9 36.7 55.1#
89 1.8 61.9 92.9#
182 0.7 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084221.D
Acq: 1 Jan 2016 3:25

Tgt Ion:166 Resp: 2095
Ion Ratio Lower Upper
166 100
165 106.9 79.1 118.7
167 70.8 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

Instrument :

BNA_F

ClientSampleId :

S8-0531

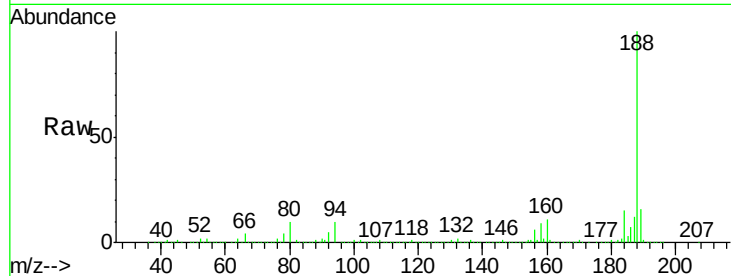
Tgt Ion:188 Resp: 791011

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

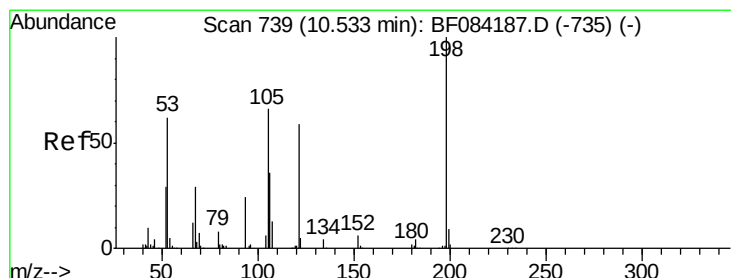
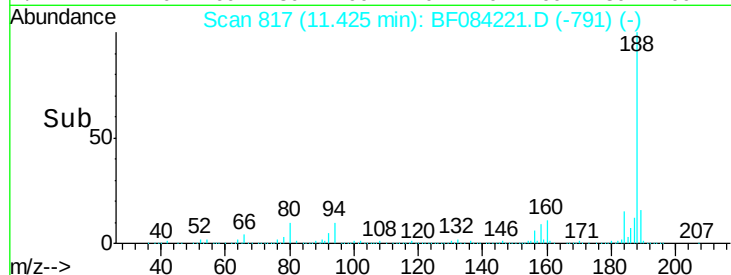
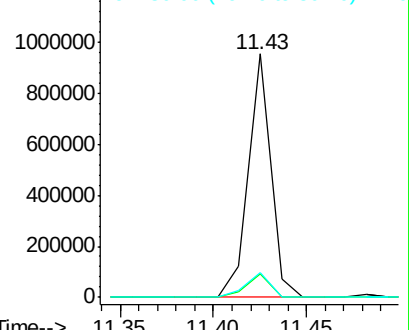
80 10.0 9.6 14.4



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: 6.66 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF084221.D

Acq: 1 Jan 2016 3:25

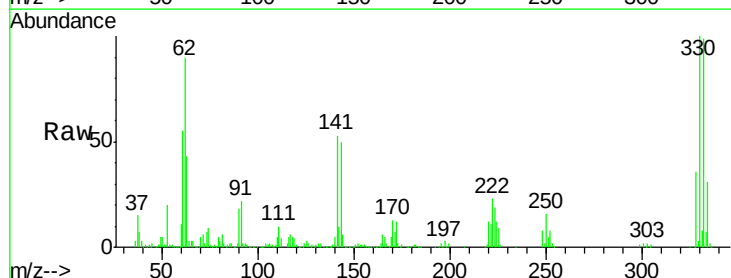
Tgt Ion:198 Resp: 1587

Ion Ratio Lower Upper

198 100

51 424.4 18.9 58.9#

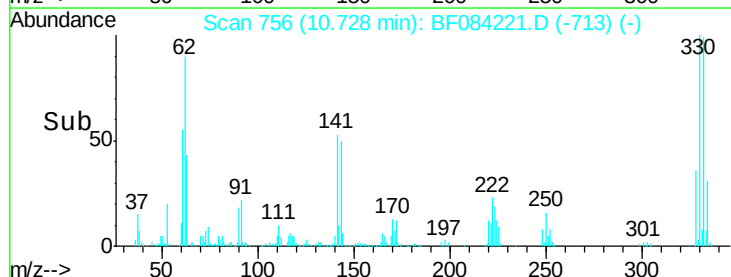
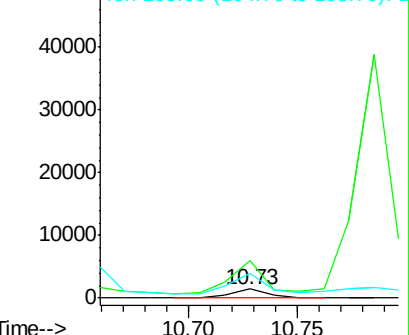
105 273.7 26.4 66.4#

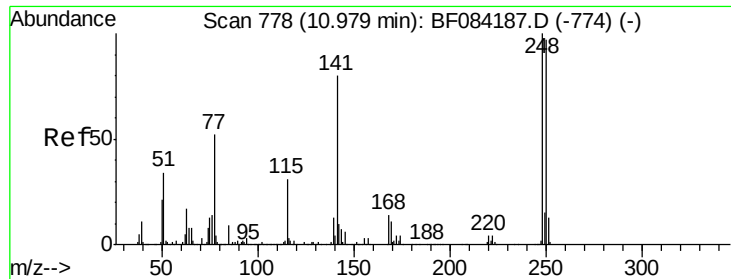


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

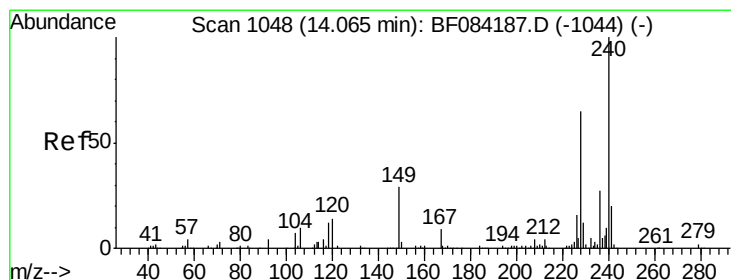
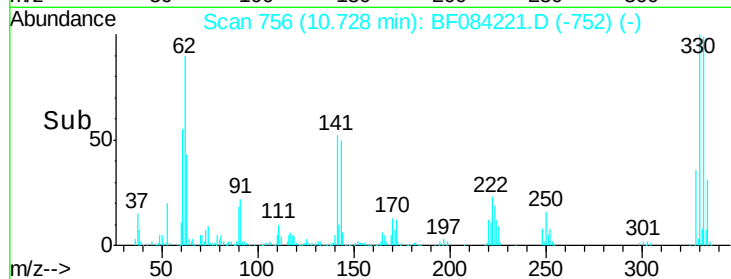
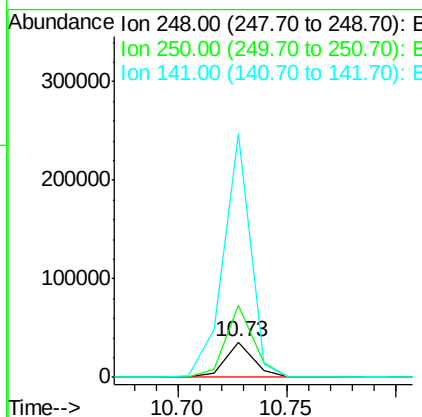
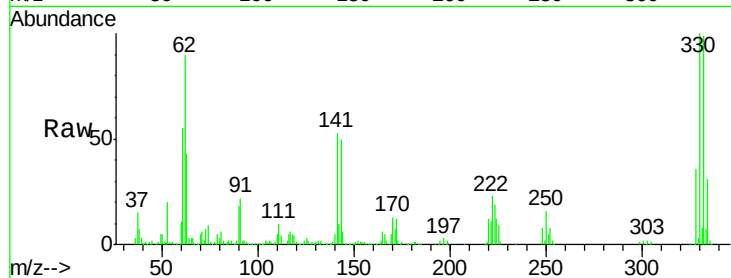




#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

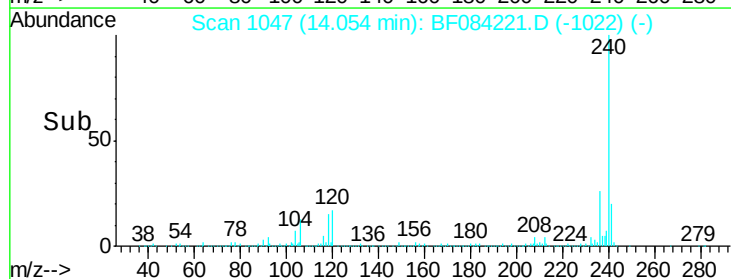
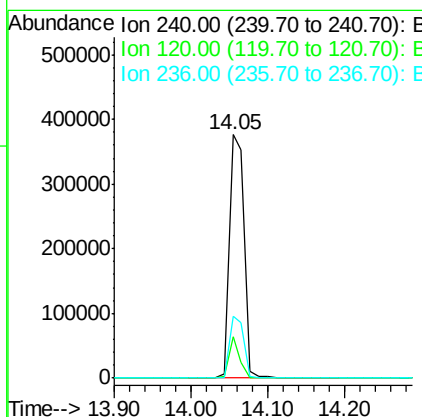
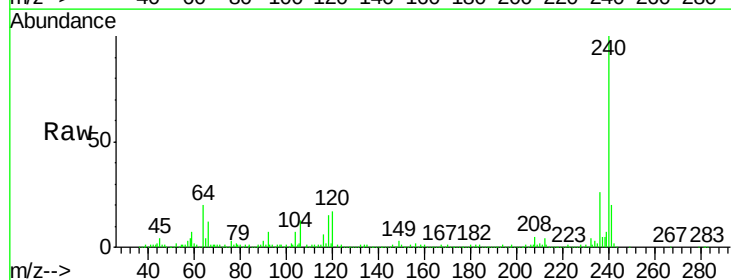
Instrument :
 BNA_F
 ClientSampleId :
 S8-0531

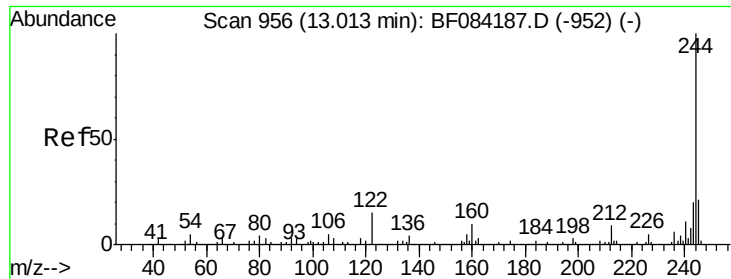
Tgt Ion:248 Resp: 32985
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.4 117.6#
 141 688.4 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

Tgt Ion:240 Resp: 518023
 Ion Ratio Lower Upper
 240 100
 120 16.8 9.5 14.3#
 236 25.7 20.6 31.0

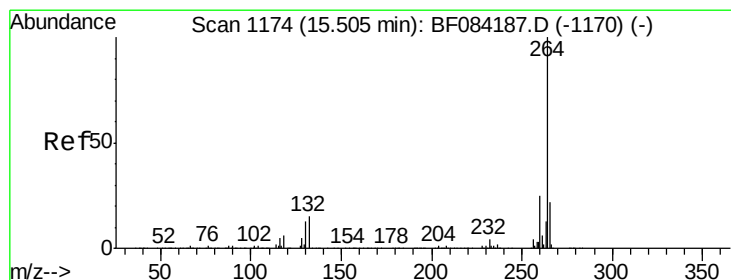
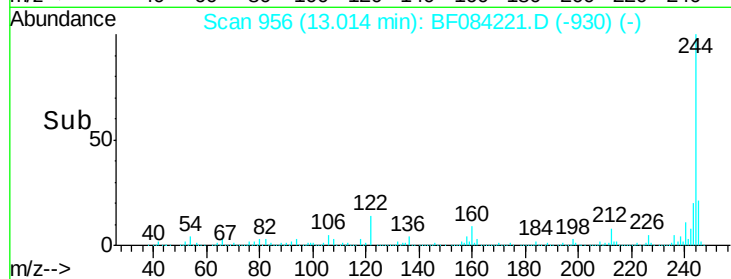
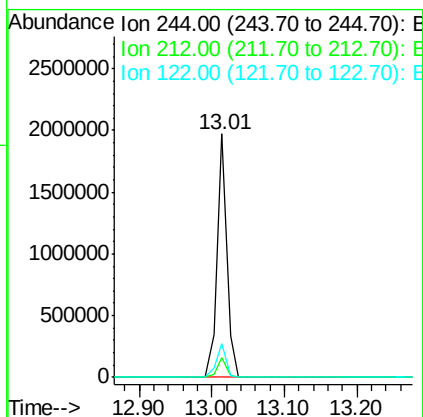
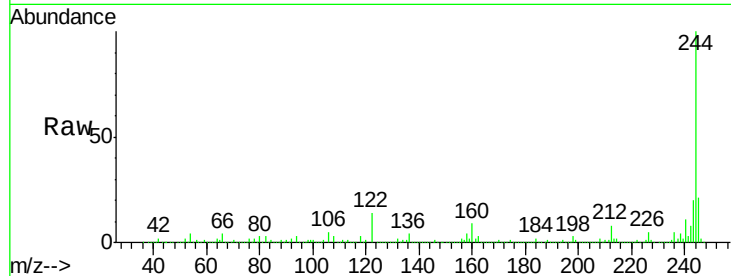




#78
 Terphenyl-d14
 Concen: 78.82 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 S8-0531

Tgt Ion:244 Resp: 1829229
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 13.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF084221.D
 Acq: 1 Jan 2016 3:25

Tgt Ion:264 Resp: 539796
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.9 17.8 26.6

