

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084047.D
 Acq On : 23 Dec 2015 21:39
 Operator : UM/SJ
 Sample : PB87486BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BL

Quant Time: Dec 24 00:37:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

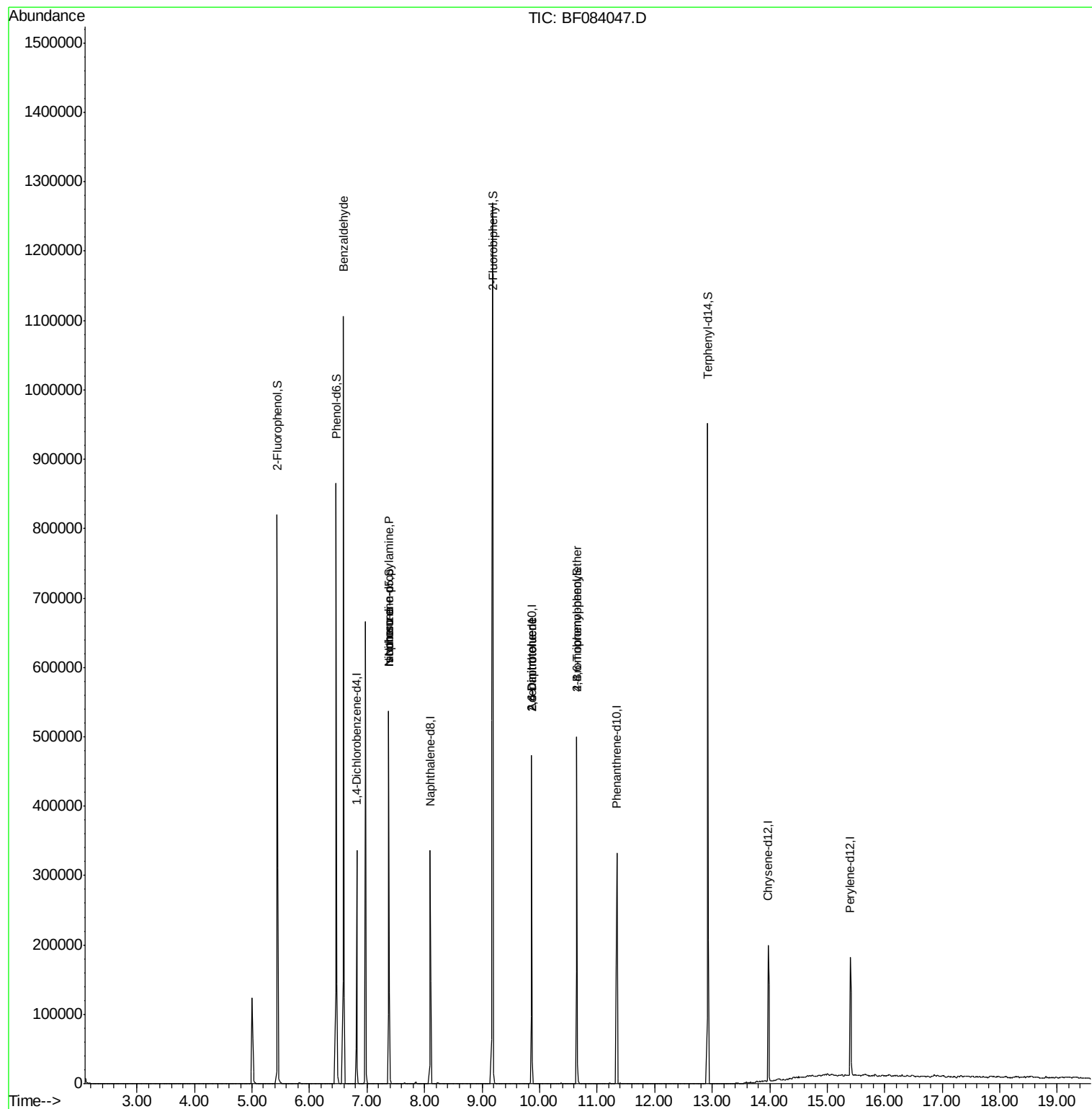
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49650	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	181469	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	93068	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	143244	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	88882	20.00	ng	-0.02
86) Perylene-d12	15.40	264	86524	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	248112	85.20	ng	0.00
7) Phenol-d6	6.46	99	289824	84.65	ng	-0.01
23) Nitrobenzene-d5	7.38	82	186433	63.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	63385	70.81	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	450037	65.08	ng	-0.01
78) Terphenyl-d14	12.92	244	282607	75.83	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	6546	2.86	ng	87
19) n-Nitroso-di-n-propylamine	7.38	70	24384	11.75	ng	# 77
25) Isophorone	7.38	82	162290	28.99	ng	# 66
50) 2,6-Dinitrotoluene	9.86	165	11993	7.80	ng	# 35
56) 2,4-Dinitrotoluene	9.86	165	11990	6.21	ng	# 20
66) 4-Bromophenyl-phenylether	10.65	248	4497	2.74	ng	# 1

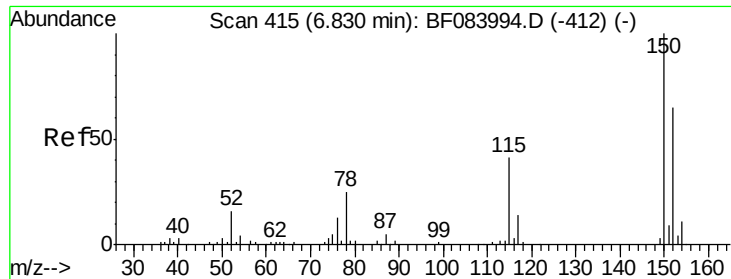
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB87486BL

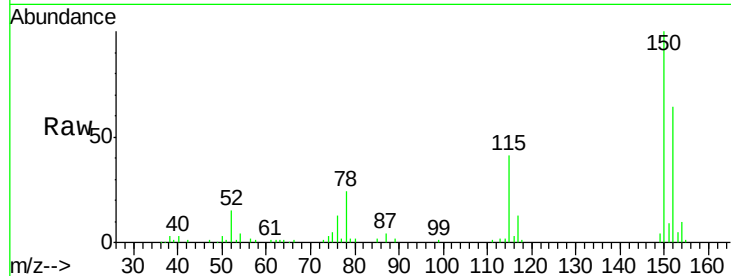
Tgt Ion:152 Resp: 49650

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

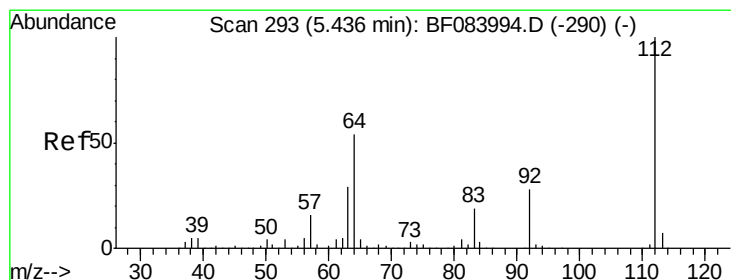
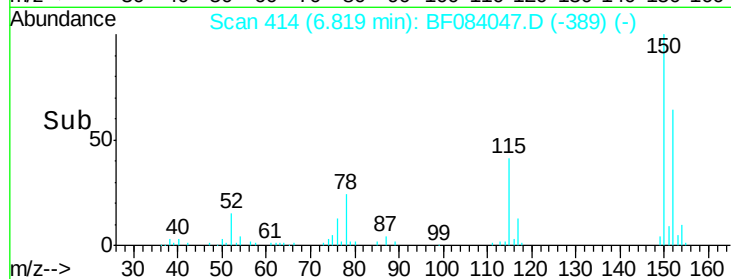
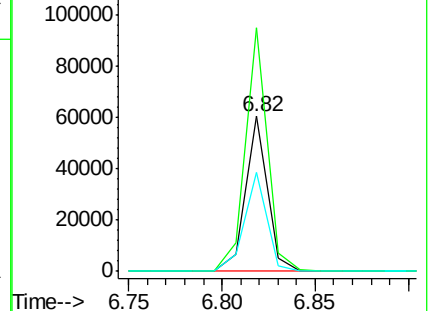
115 63.8 51.4 77.2



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: 85.20 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

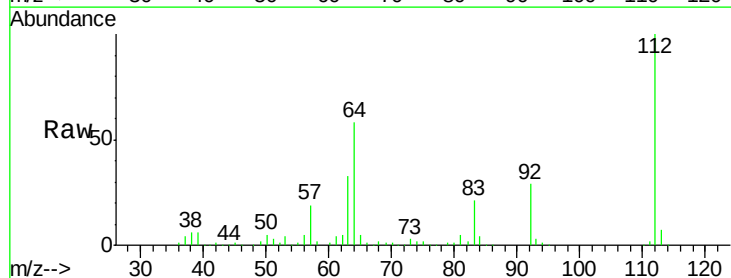
Tgt Ion:112 Resp: 248112

Ion Ratio Lower Upper

112 100

64 58.5 36.6 55.0#

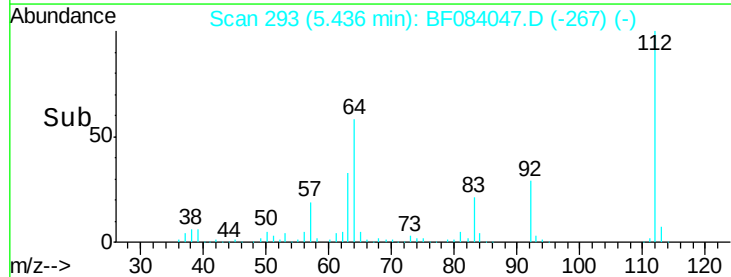
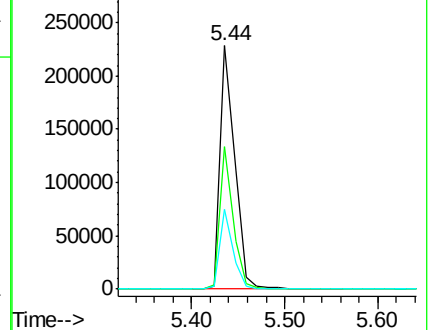
63 32.5 19.4 29.0#

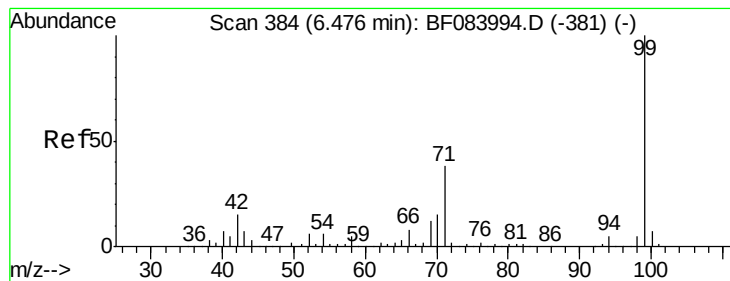


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.65 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB87486BL

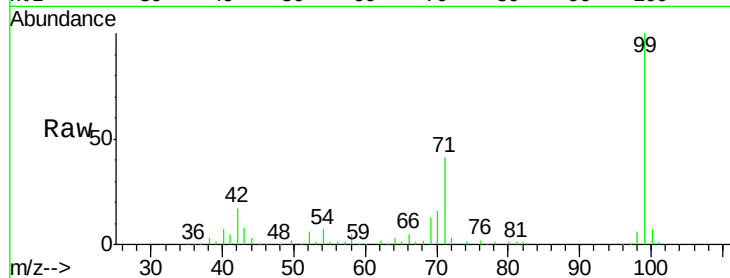
Tgt Ion: 99 Resp: 289824

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

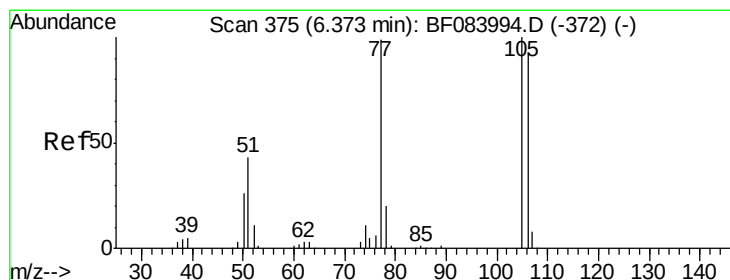
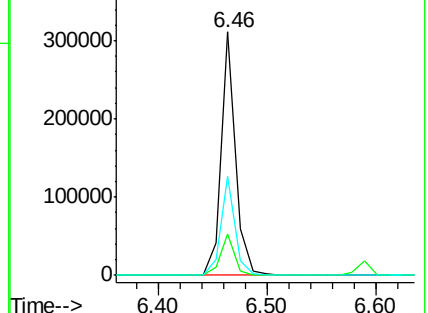
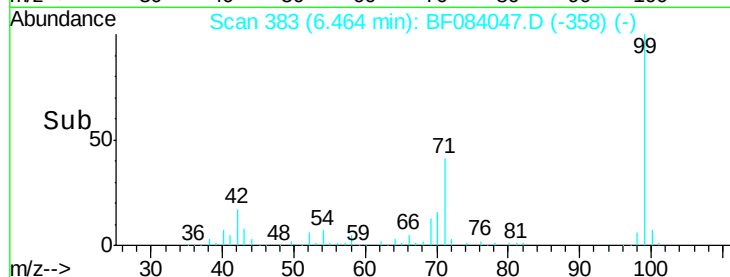
71 40.8 30.9 46.3



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: 2.86 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

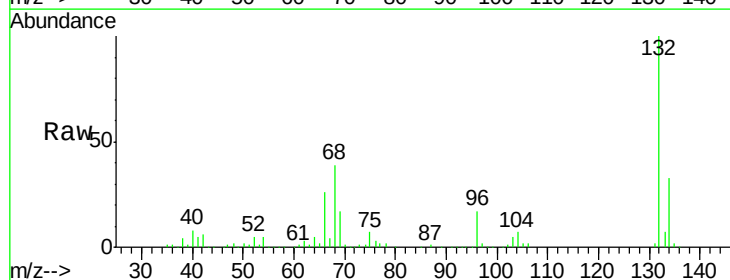
Tgt Ion: 77 Resp: 6546

Ion Ratio Lower Upper

77 100

105 84.3 83.0 123.0

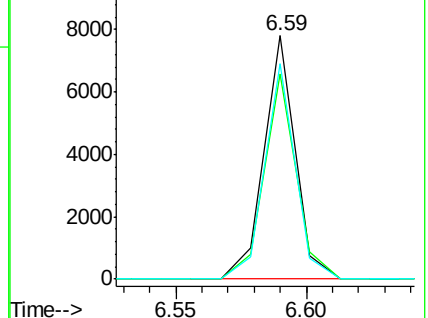
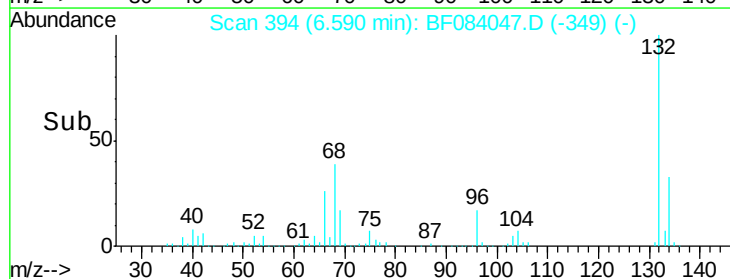
106 88.5 74.6 114.6

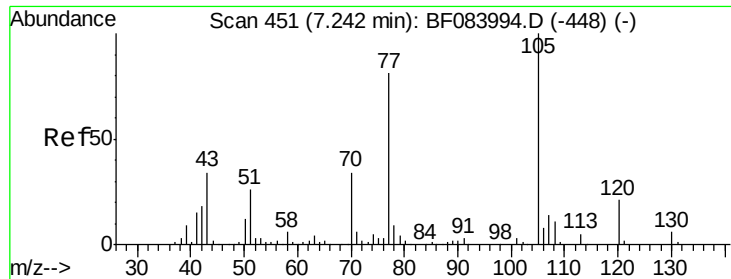


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

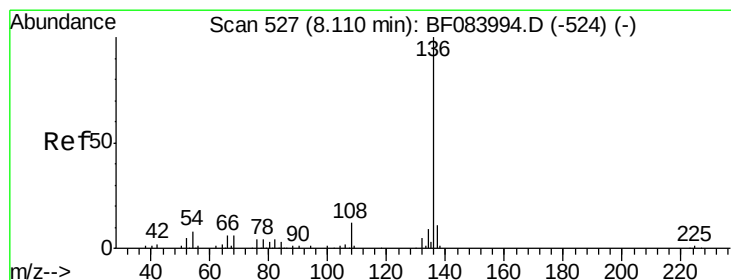
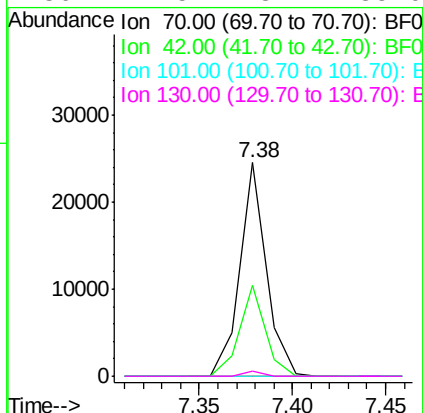
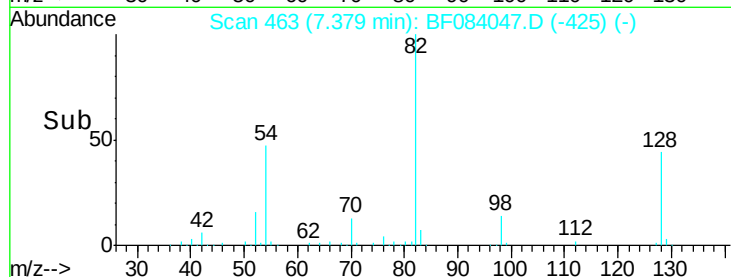
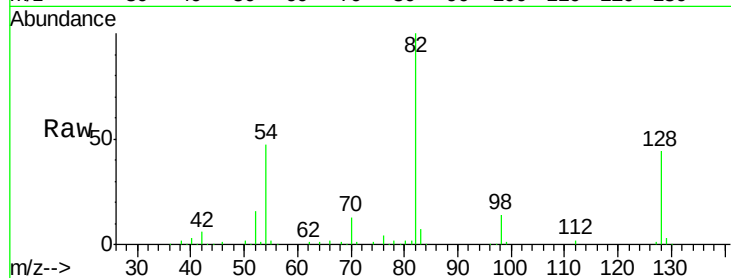




#19
n-Nitroso-di-n-propylamine
Concen: 11.75 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

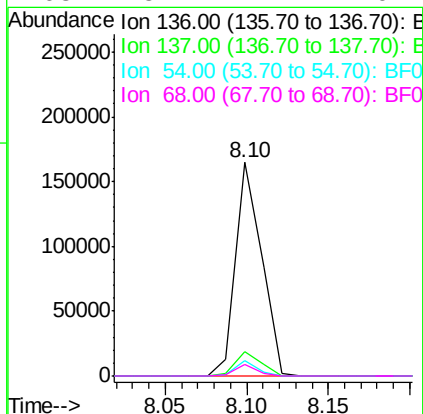
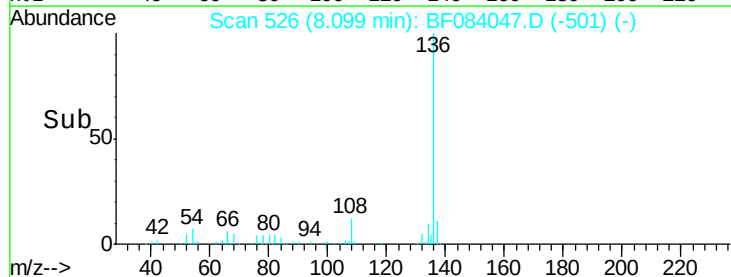
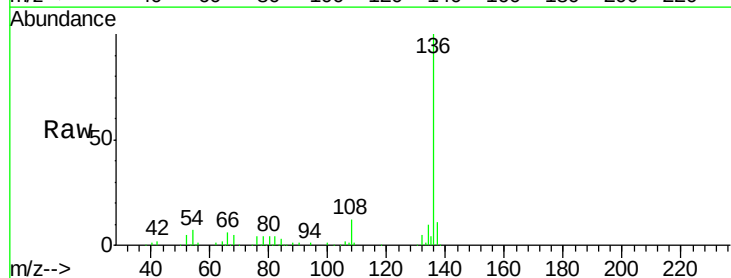
Instrument :
BNA_F
ClientSampleId :
PB87486BL

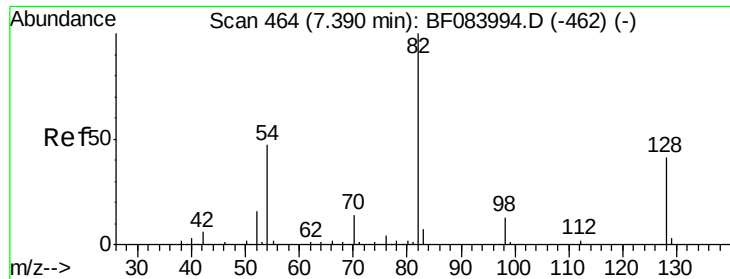
Tgt Ion: 70 Resp: 24384
Ion Ratio Lower Upper
70 100
42 42.6 33.3 49.9
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Tgt Ion: 136 Resp: 181469
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.0 5.8 8.8
68 5.2 4.2 6.2

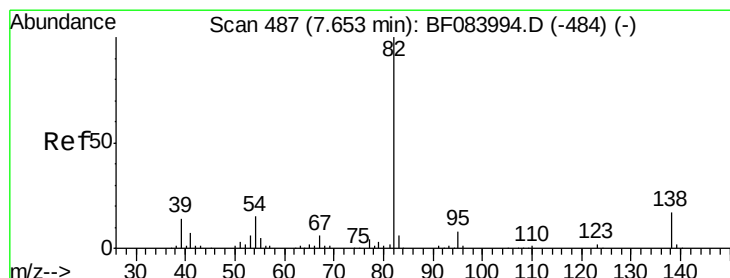
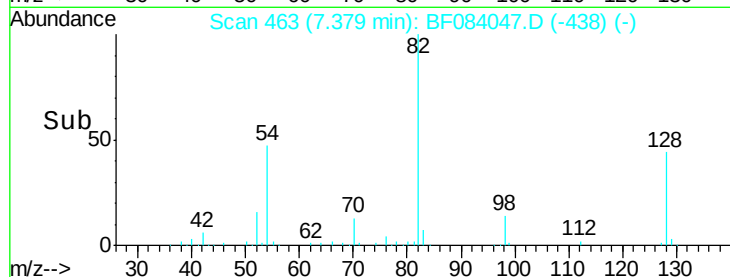
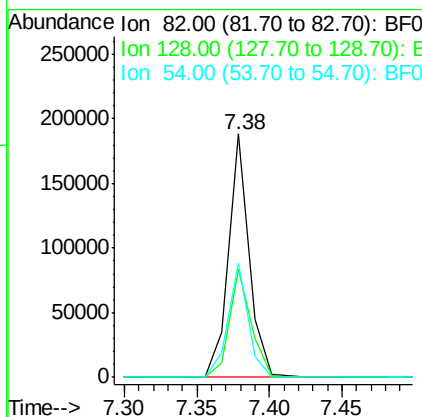
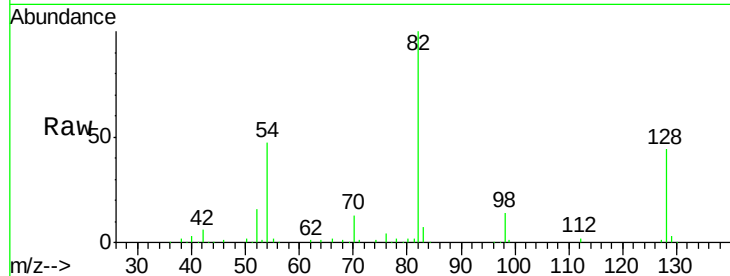




#23
Nitrobenzene-d5
Concen: 63.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

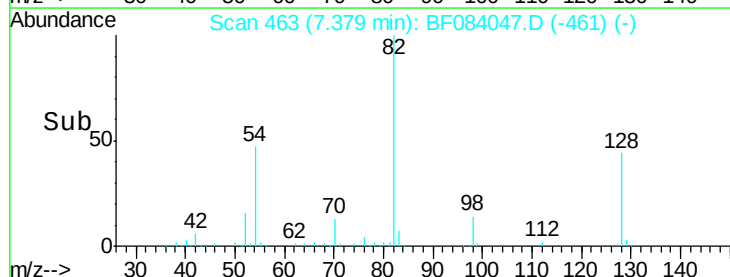
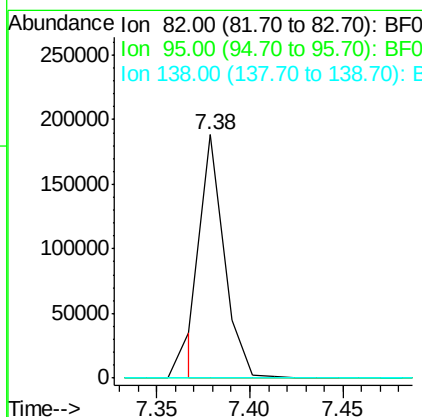
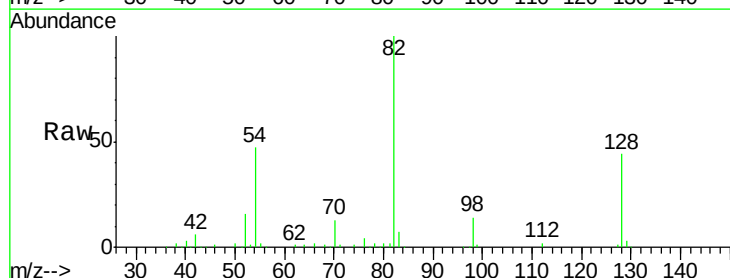
Instrument :
BNA_F
ClientSampled :
PB87486BL

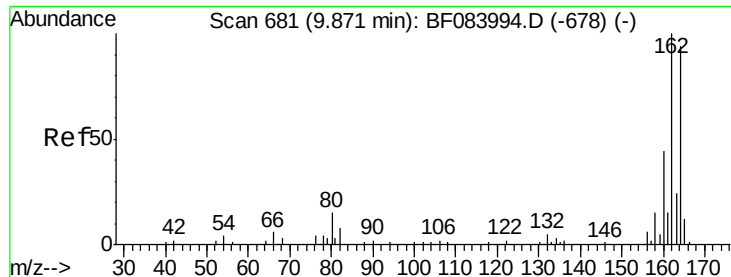
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	46.8	38.4	57.6



#25
Isophorone
Concen: 28.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.27 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Tgt 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: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB87486BL

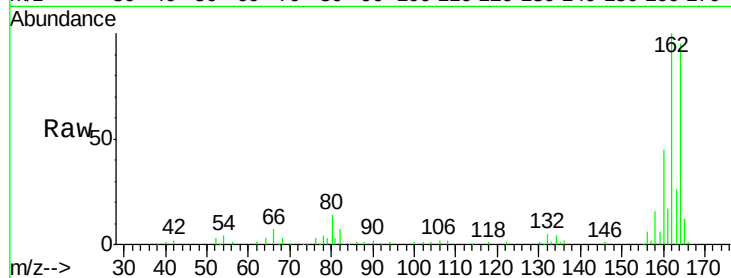
Tgt Ion:164 Resp: 93068

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

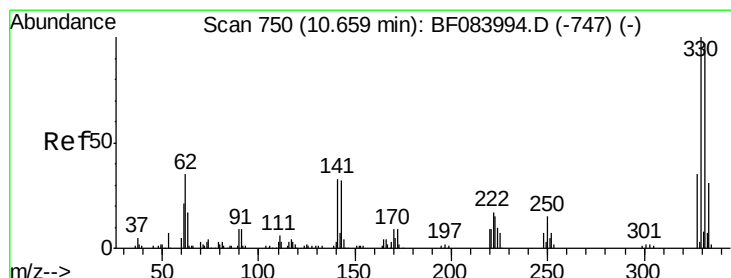
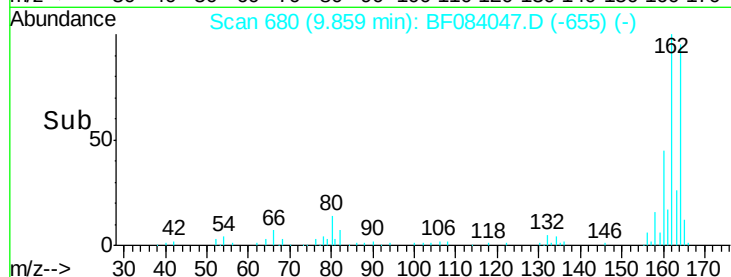
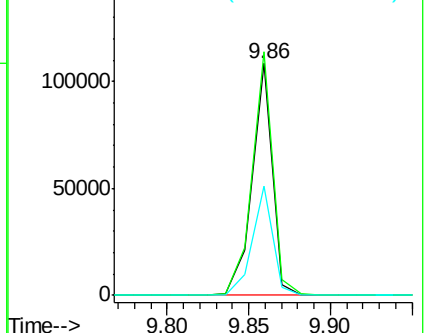
160 47.2 37.5 56.3



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: 70.81 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

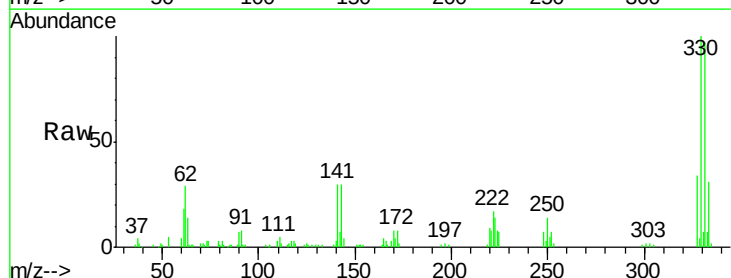
Tgt Ion:330 Resp: 63385

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

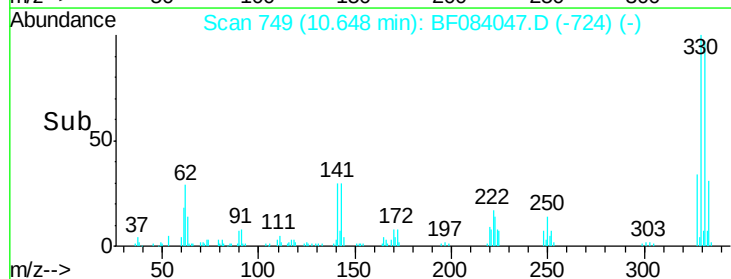
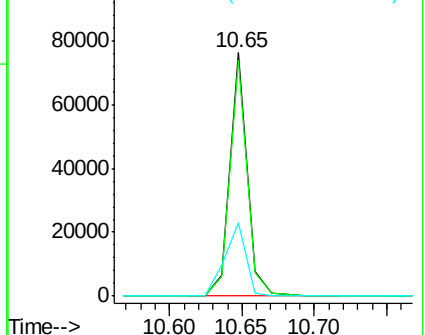
141 36.4 27.8 41.6

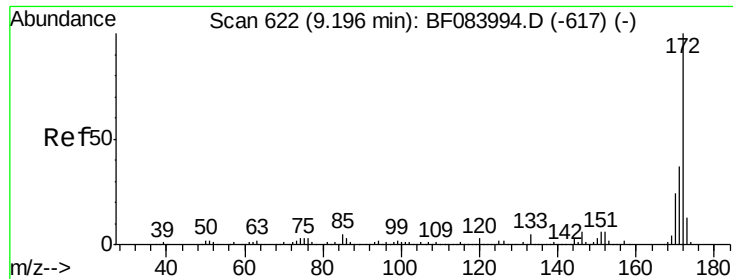


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

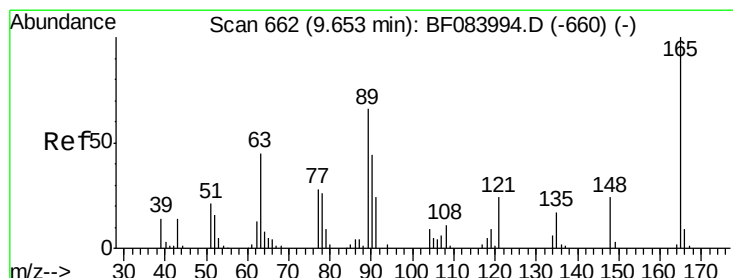
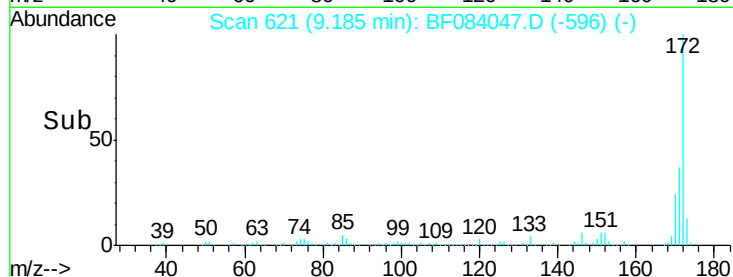
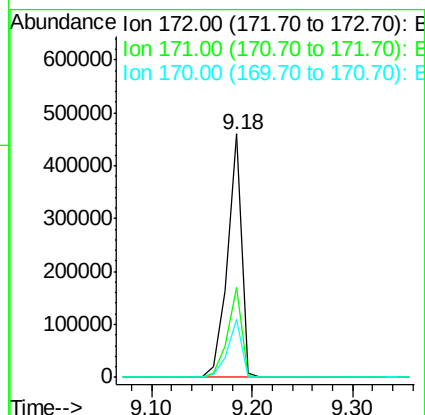
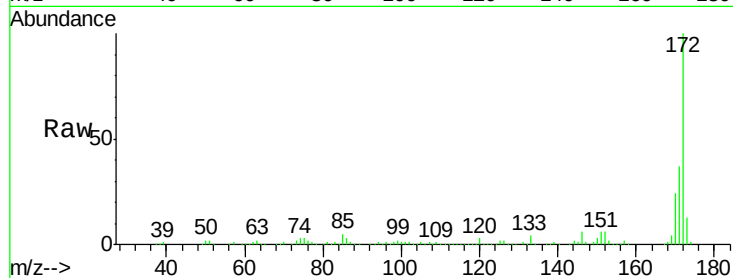




#44
 2-Fluorobiphenyl
 Concen: 65.08 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

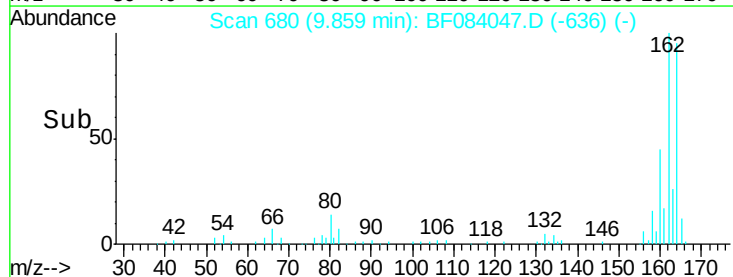
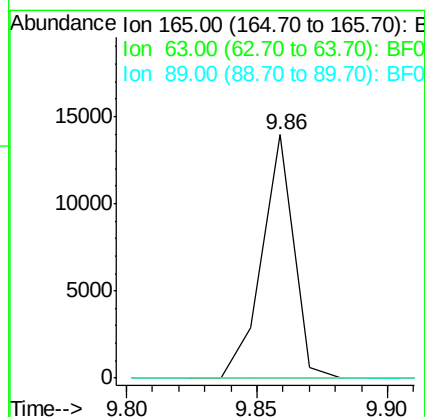
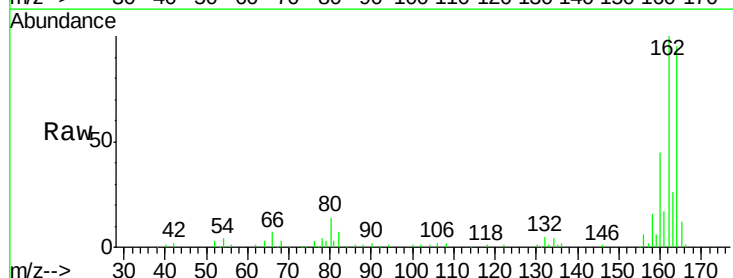
Instrument :
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 PB87486BL

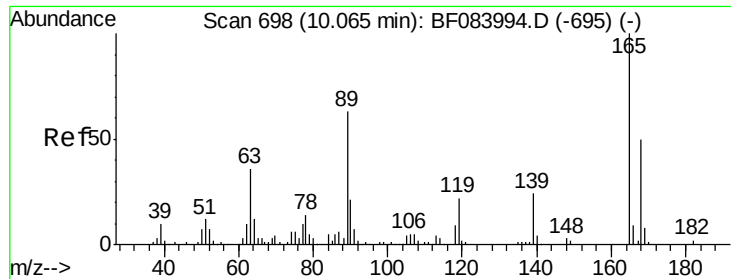
Tgt Ion:172 Resp: 450037
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 23.6 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Tgt Ion:165 Resp: 11993
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.8 43.2#
 89 0.0 35.1 52.7#

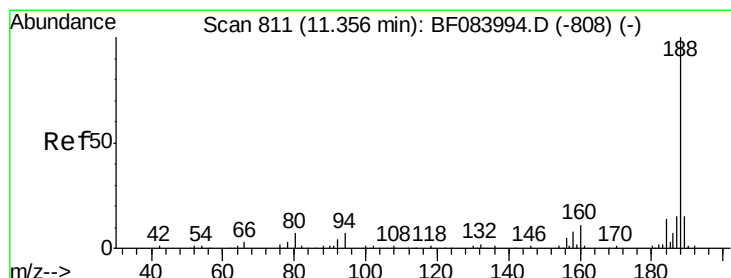
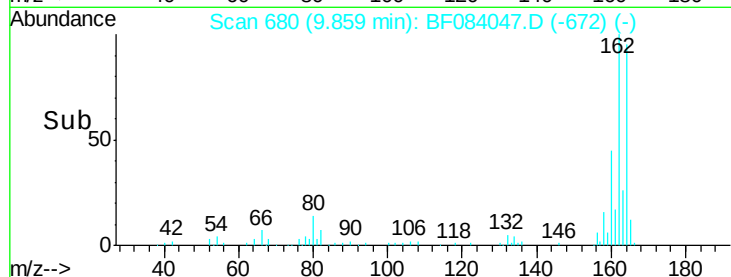
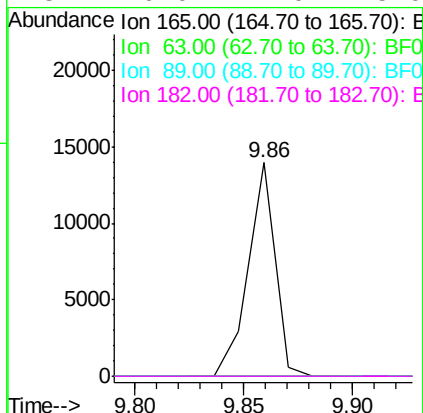
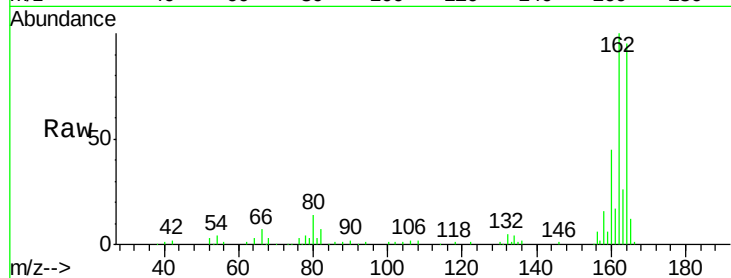




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

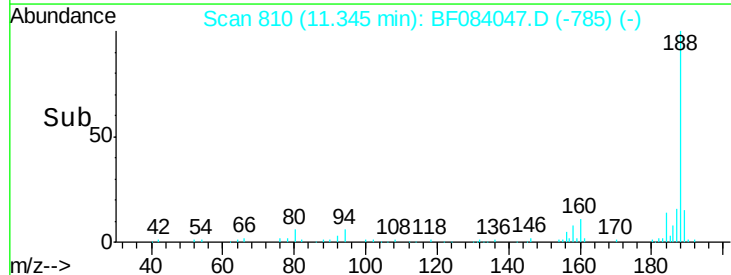
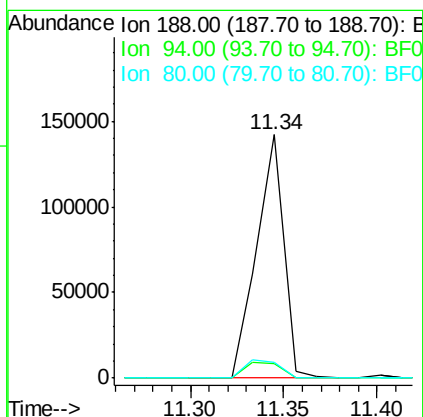
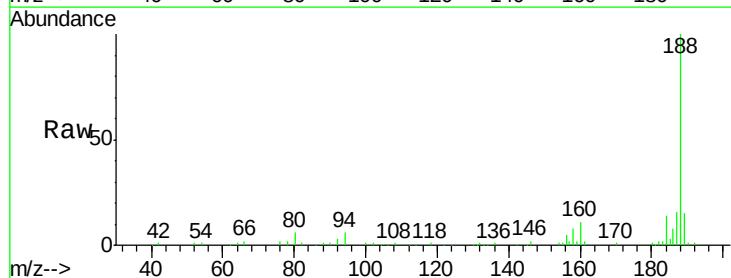
Instrument :
 BNA_F
 ClientSampleId :
 PB87486BL

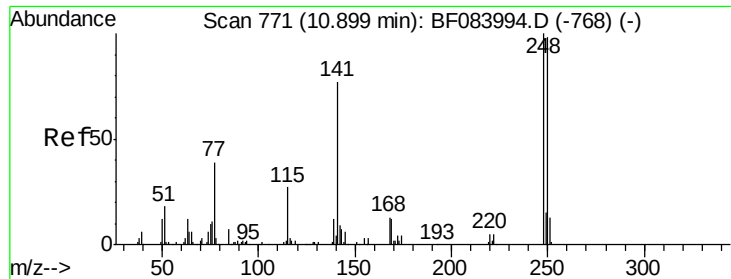
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	9.0	13.4#
80	6.3	9.6	14.4#

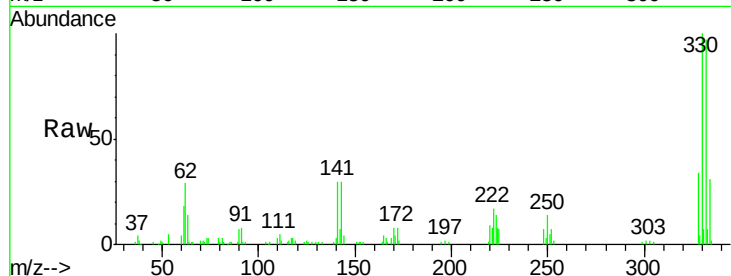




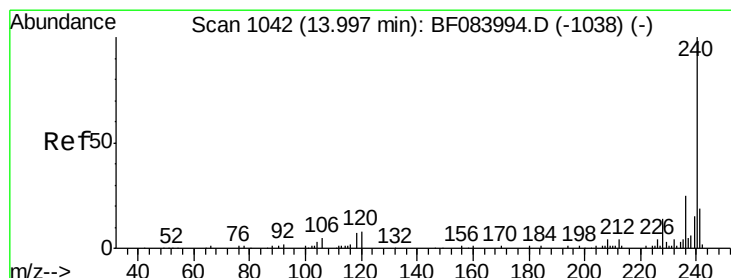
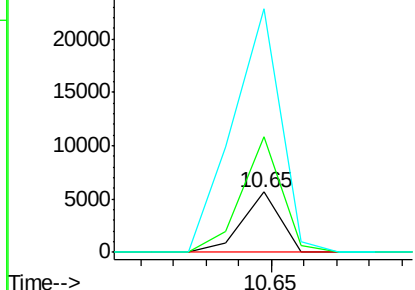
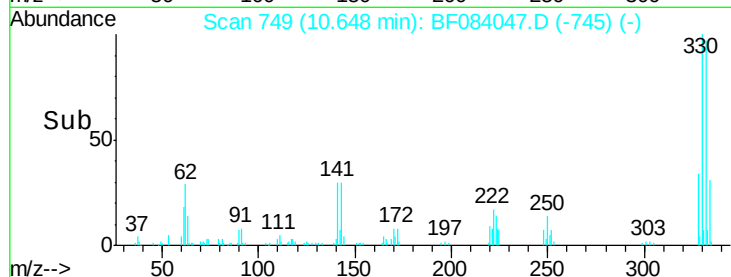
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Instrument :
BNA_F
ClientSampleId :
PB87486BL

Tgt Ion:248 Resp: 4497
Ion Ratio Lower Upper
248 100
250 191.6 78.4 117.6#
141 405.4 44.0 66.0#

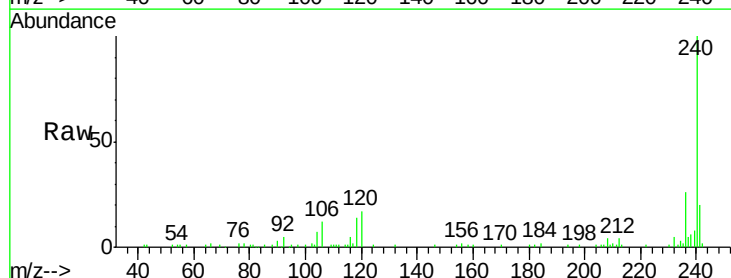


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

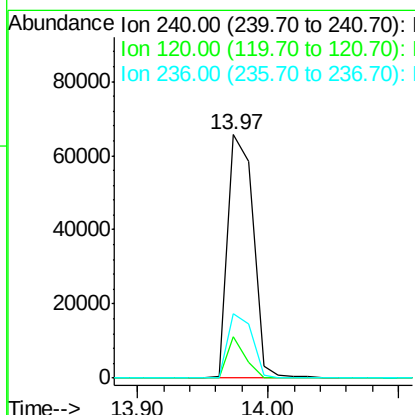
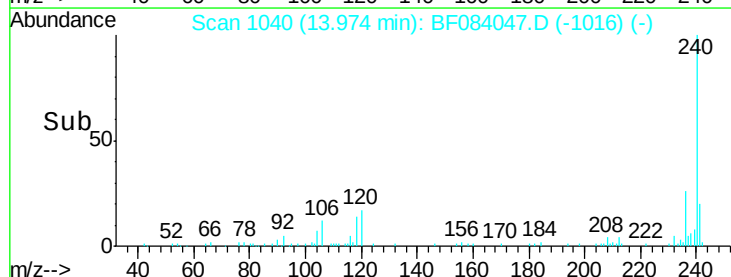


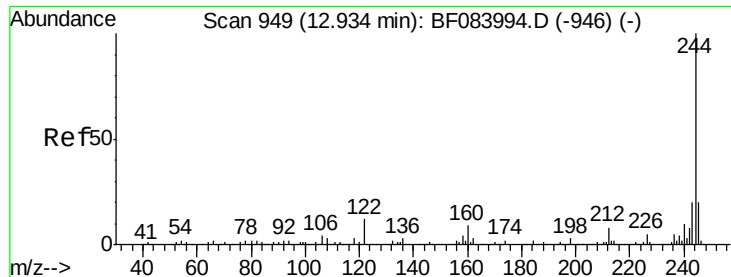
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Tgt Ion:240 Resp: 88882
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 26.4 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

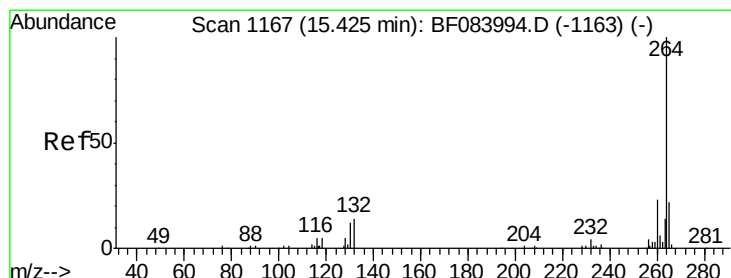
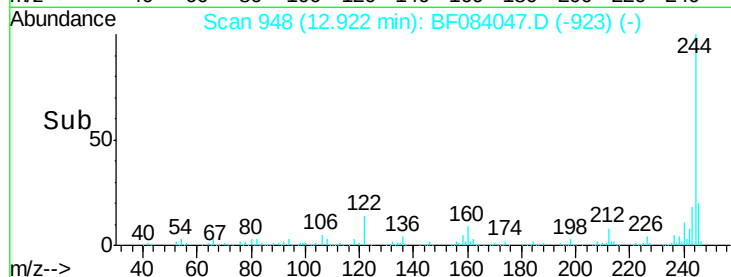
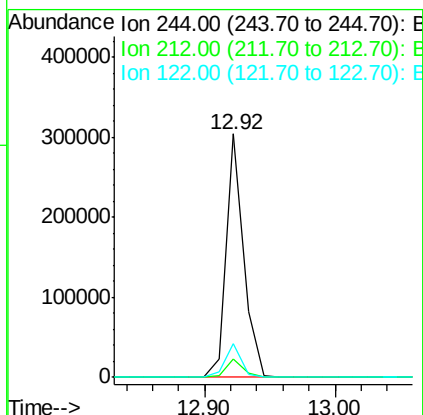
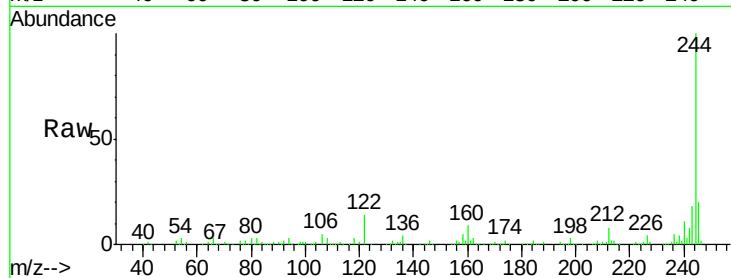




#78
 Terphenyl-d14
 Concen: 75.83 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BL

Tgt Ion:244 Resp: 282607
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 13.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Tgt Ion:264 Resp: 86524
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.9 17.8 26.6

