

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082878.D
 Acq On : 10 Nov 2015 19:18
 Operator : UM/IZ
 Sample : PB86541BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BL

Quant Time: Nov 13 17:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

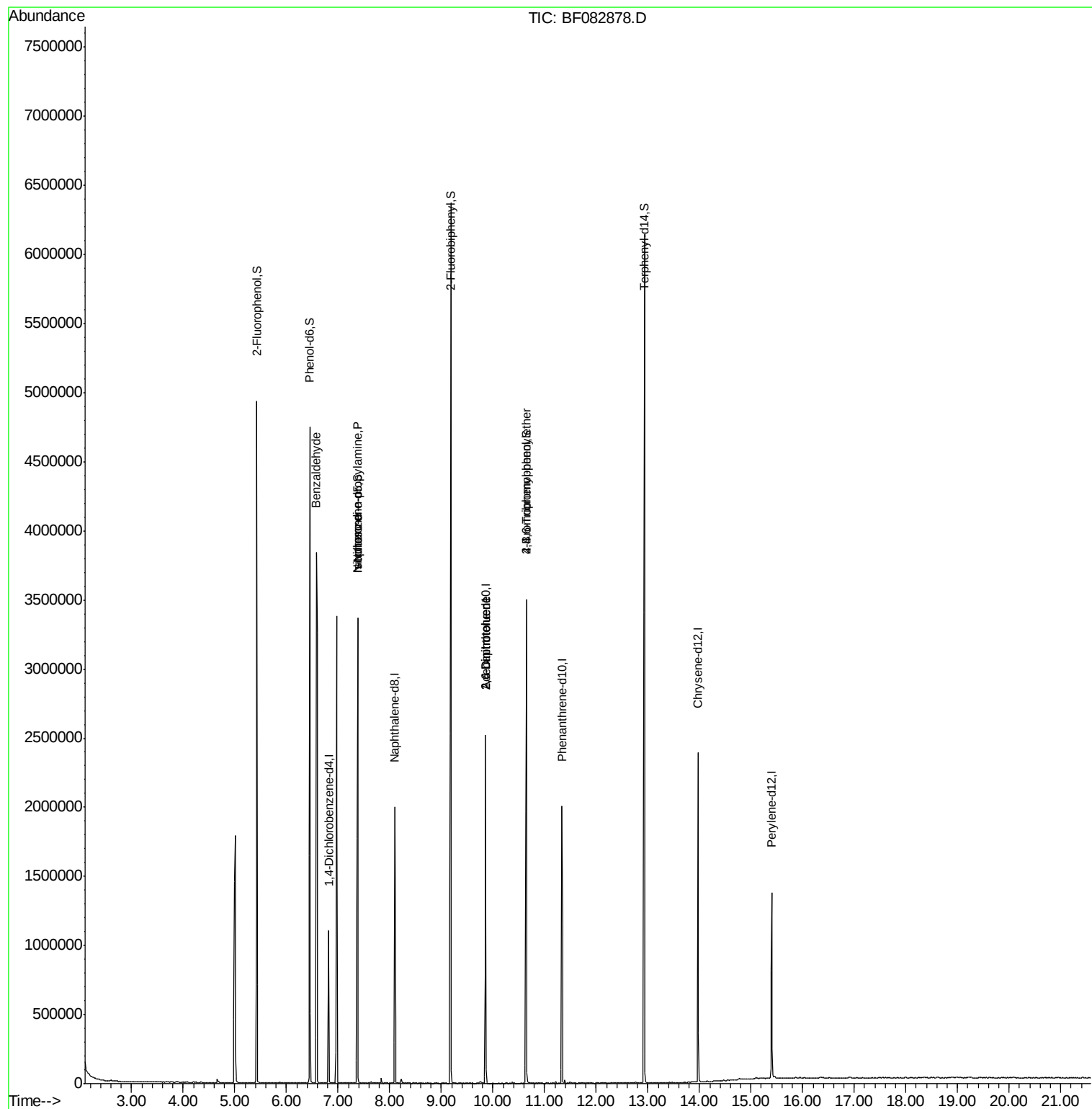
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	239547	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	886163	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	517215	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	898890	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	789334	20.00	ng	-0.05
86) Perylene-d12	15.40	264	633011	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1295831	84.17	ng	-0.02
7) Phenol-d6	6.45	99	1673377	81.76	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1308028	64.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	468236	78.96	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2075019	57.50	ng	-0.03
78) Terphenyl-d14	12.93	244	2163267	65.00	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.58	77	34016	3.01	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.38	70	176999	11.76	ng	# 68
25) Isophorone	7.38	82	1267946	33.65	ng	# 69
50) 2,6-Dinitrotoluene	9.86	165	67012	7.41	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	67016	5.46	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	33233	3.07	ng	# 1

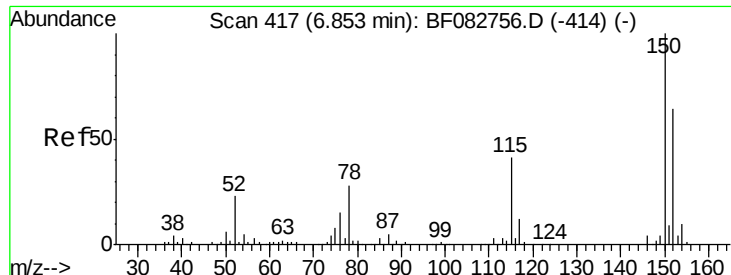
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

Instrument :

BNA_F

ClientSampleId :

PB86541BL

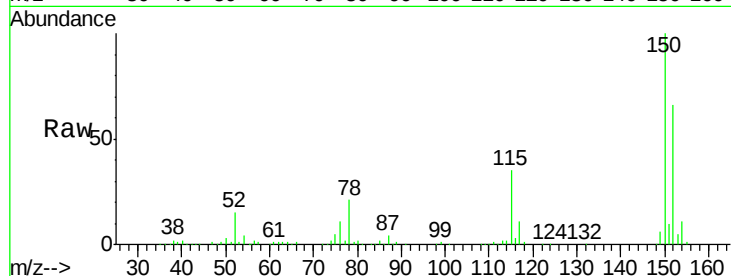
Tgt Ion:152 Resp: 239547

Ion Ratio Lower Upper

152 100

150 151.3 127.0 190.4

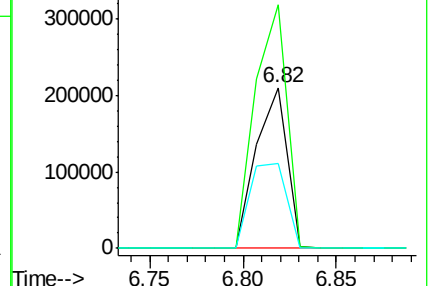
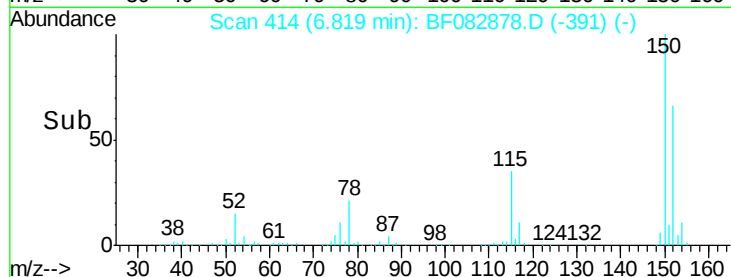
115 52.4 47.0 70.6



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: 84.17 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

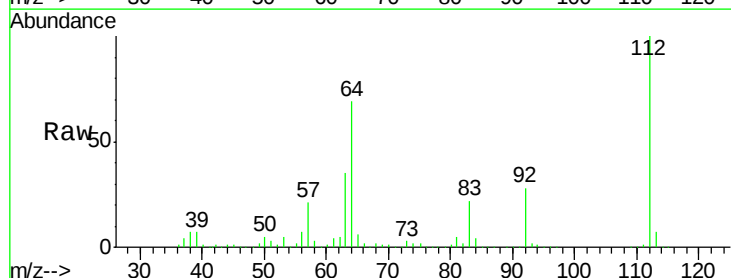
Tgt Ion:112 Resp: 1295831

Ion Ratio Lower Upper

112 100

64 68.6 48.9 73.3

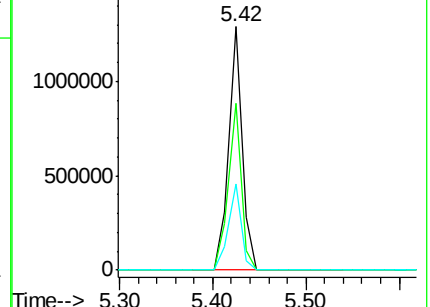
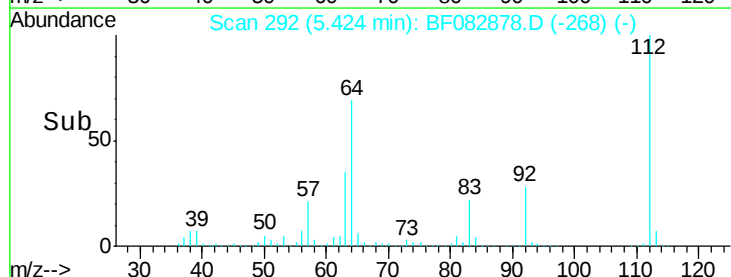
63 35.5 28.1 42.1



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: 81.76 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

Instrument :

BNA_F

ClientSampleId :

PB86541BL

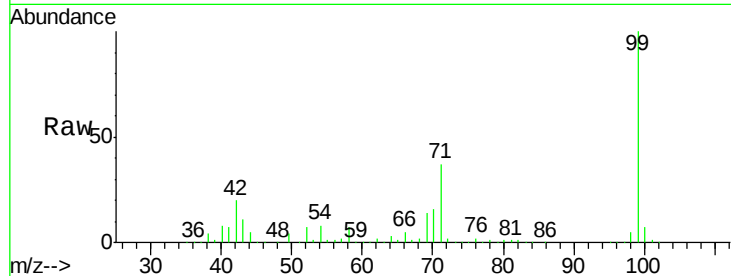
Tgt Ion: 99 Resp: 1673377

Ion Ratio Lower Upper

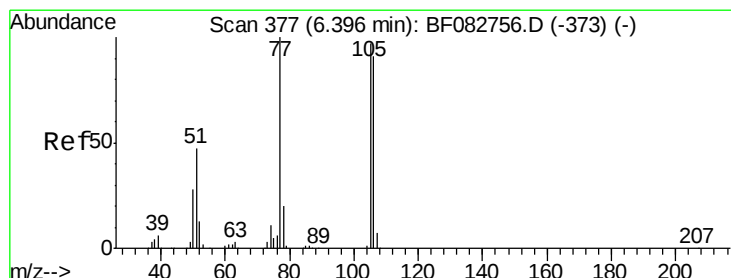
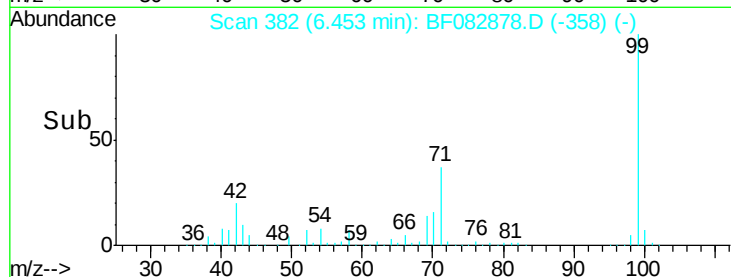
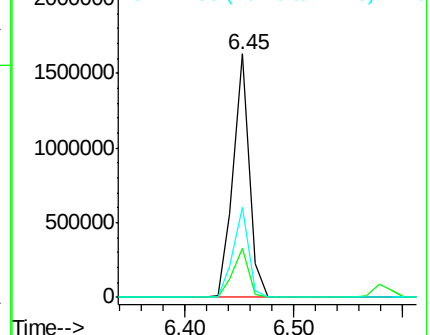
99 100

42 20.1 19.2 28.8

71 37.2 35.0 52.4



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: 3.01 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

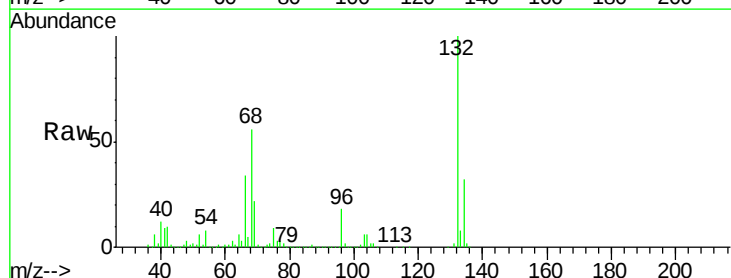
Tgt Ion: 77 Resp: 34016

Ion Ratio Lower Upper

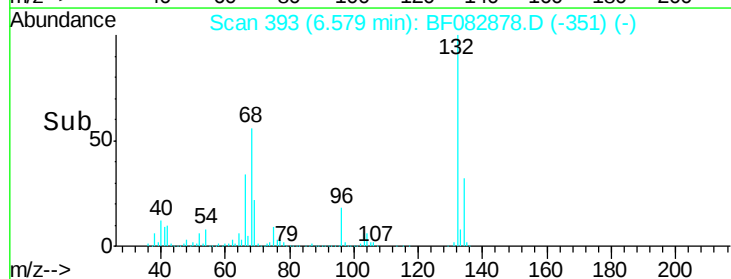
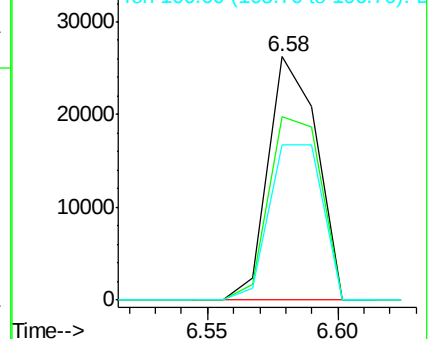
77 100

105 75.5 63.5 103.5

106 63.6 59.3 99.3



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

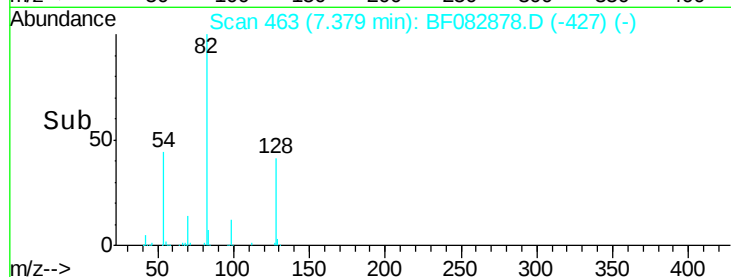
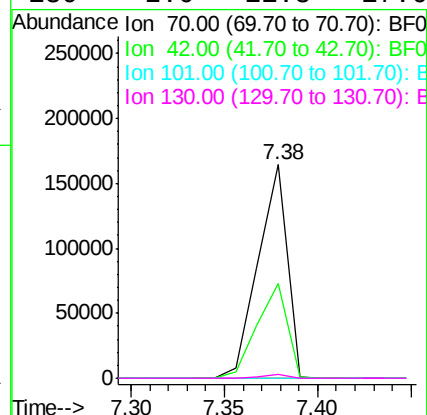
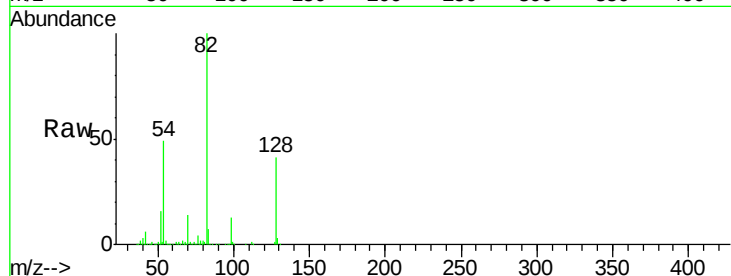




#19
n-Nitroso-di-n-propylamine
Concen: 11.76 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

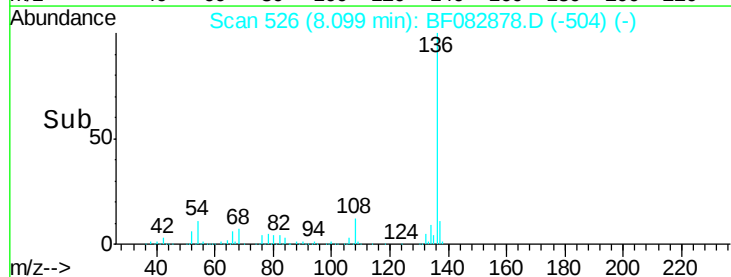
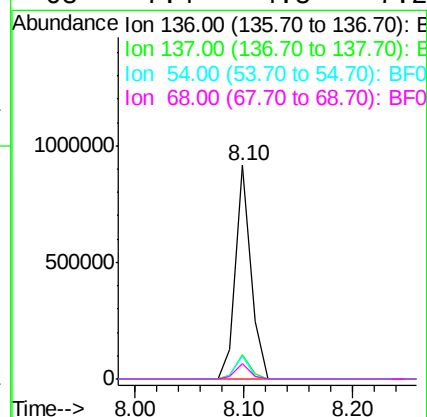
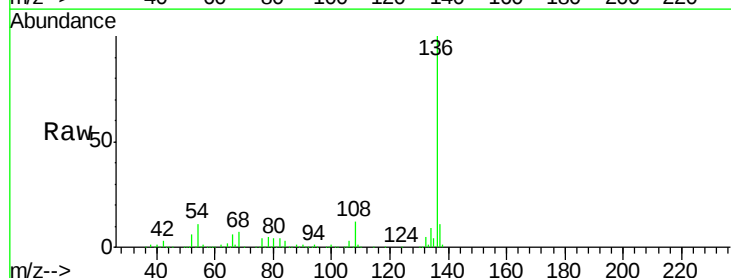
Instrument :
BNA_F
ClientSampleId :
PB86541BL

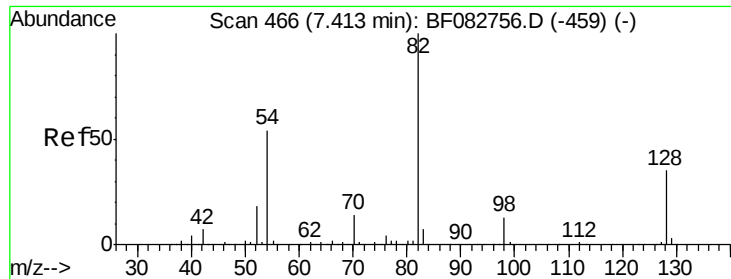
Tgt Ion:	70	Resp:	176999
Ion	Ratio	Lower	Upper
70	100		
42	44.1	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

Tgt Ion:	136	Resp:	886163
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	9.1	13.7
68	7.4	4.8	7.2#

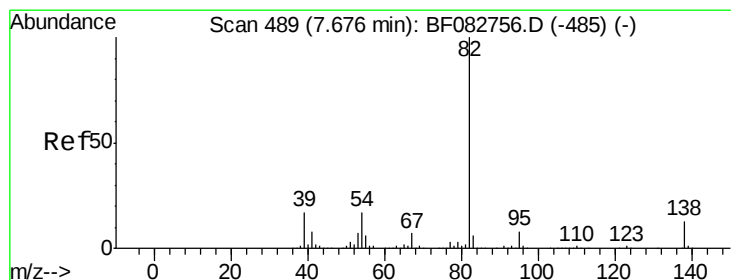
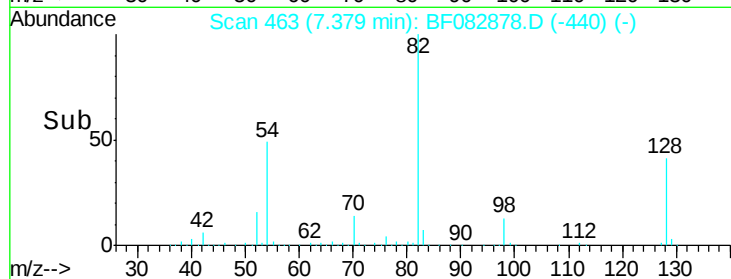
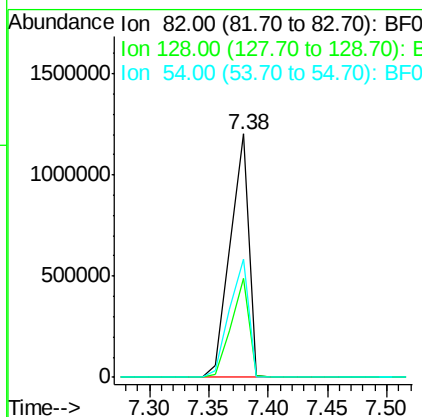
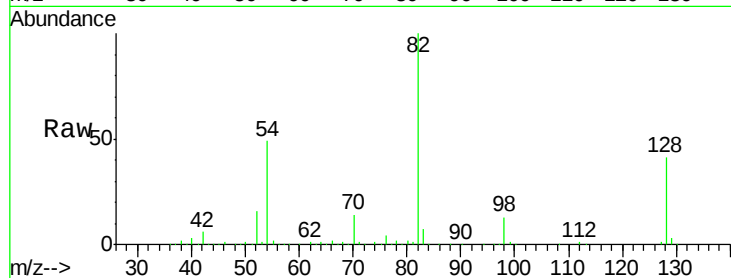




#23
 Nitrobenzene-d5
 Concen: 64.23 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

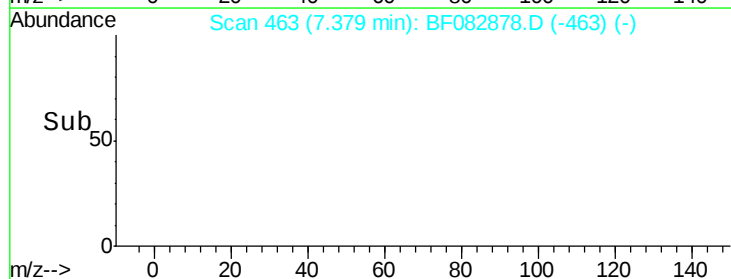
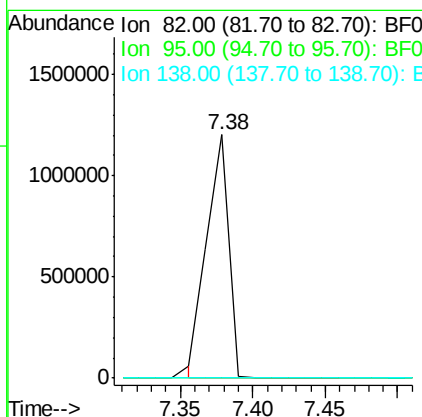
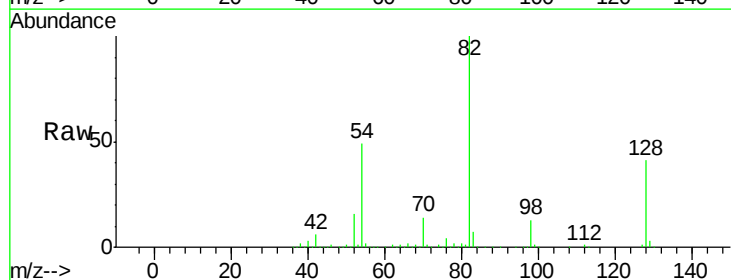
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BL

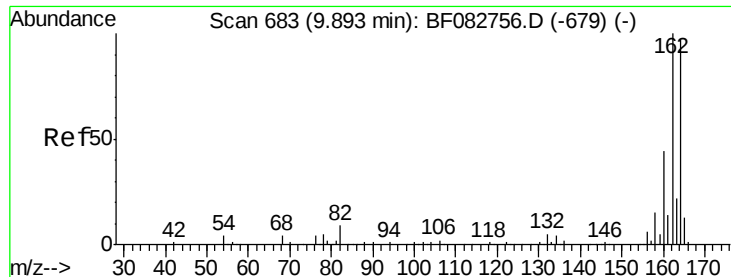
Tgt Ion: 82 Resp: 1308028
 Ion Ratio Lower Upper
 82 100
 128 40.5 26.8 40.2#
 54 48.7 45.7 68.5



#25
 Isophorone
 Concen: 33.65 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.30 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

Tgt Ion: 82 Resp: 1267946
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

Instrument :

BNA_F

ClientSampleId :

PB86541BL

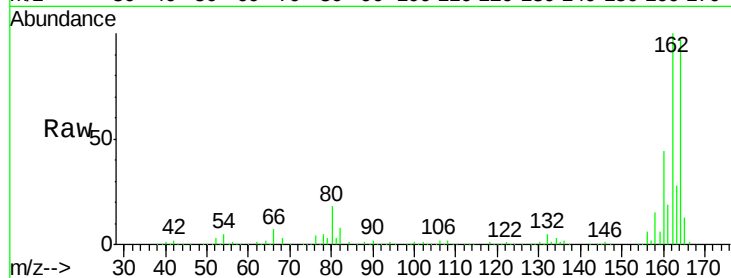
Tgt Ion:164 Resp: 517215

Ion Ratio Lower Upper

164 100

162 103.0 84.9 127.3

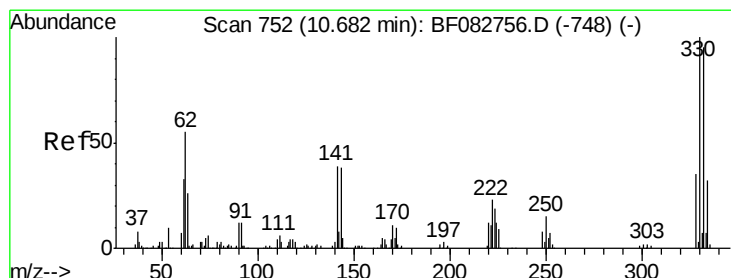
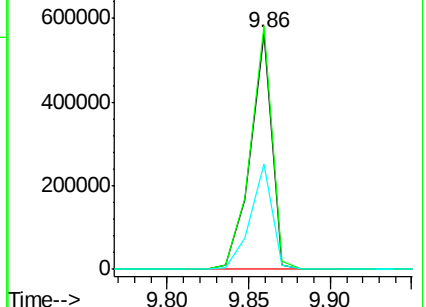
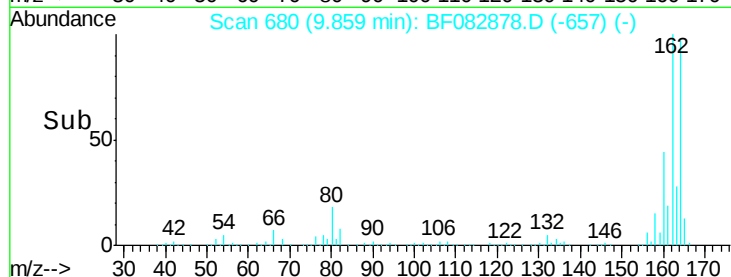
160 44.8 37.5 56.3



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: 78.96 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082878.D

Acq: 10 Nov 2015 19:18

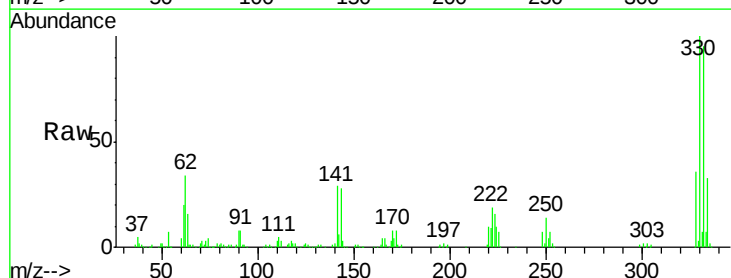
Tgt Ion:330 Resp: 468236

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

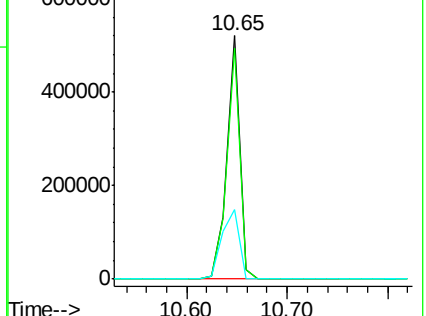
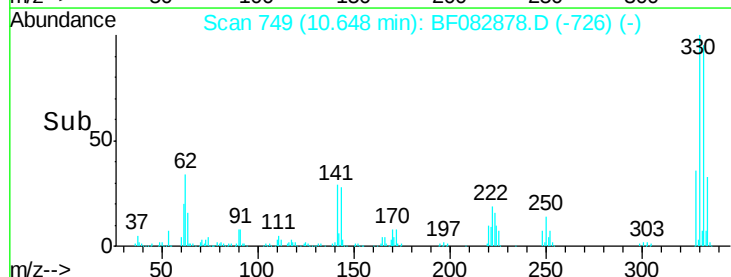
141 38.0 41.2 61.8#

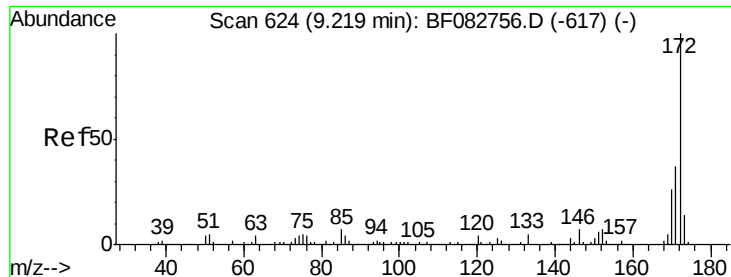


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

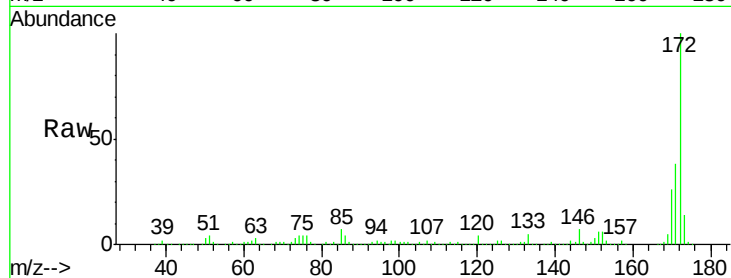




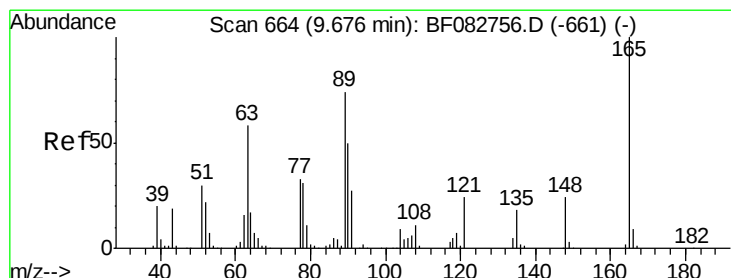
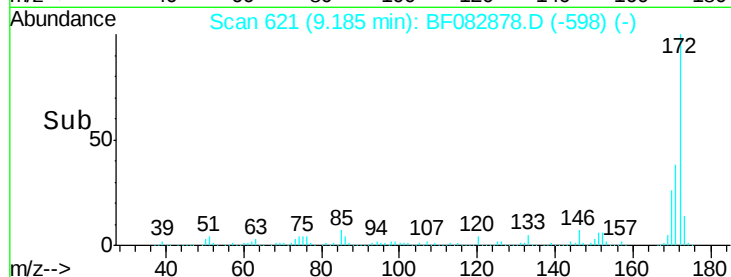
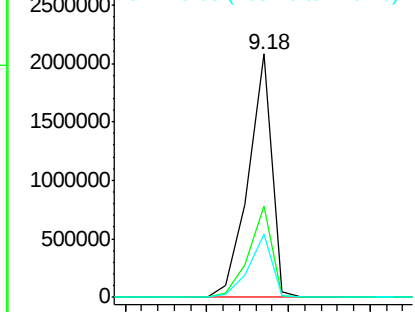
#44
 2-Fluorobiphenyl
 Concen: 57.50 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

Instrument :
 BNA_F
 ClientSampled :
 PB86541BL

Tgt Ion:172 Resp: 2075019
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.8 21.2 31.8

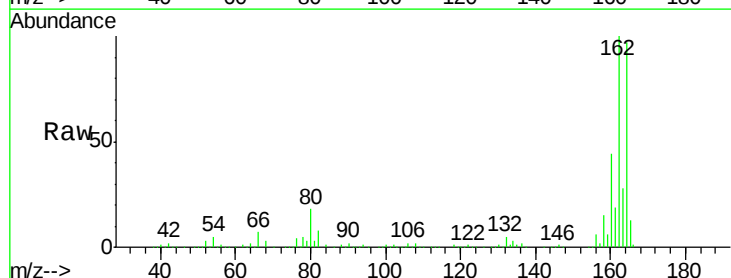


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

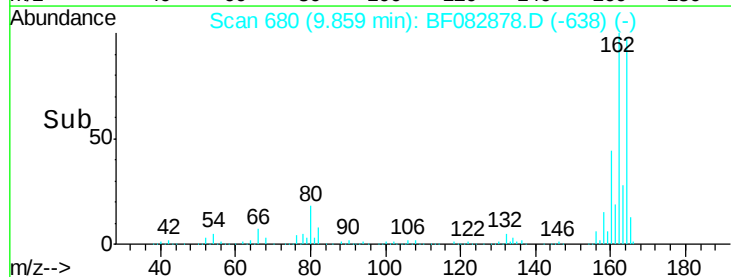
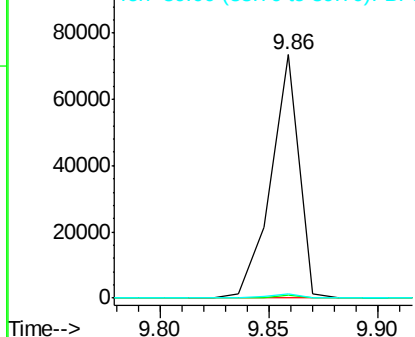


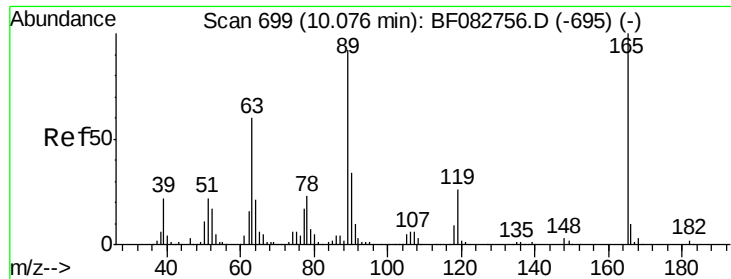
#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.18 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

Tgt Ion:165 Resp: 67012
 Ion Ratio Lower Upper
 165 100
 63 1.4 55.5 83.3#
 89 1.6 55.0 82.6#



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

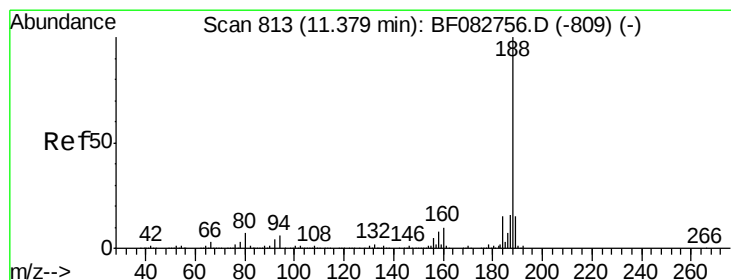
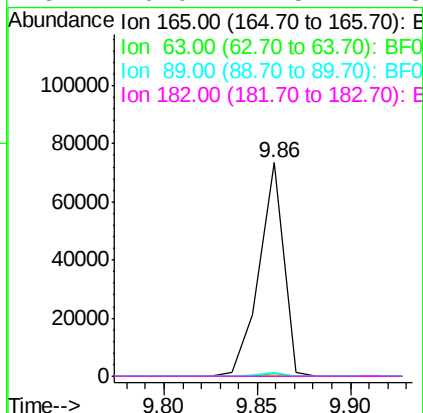
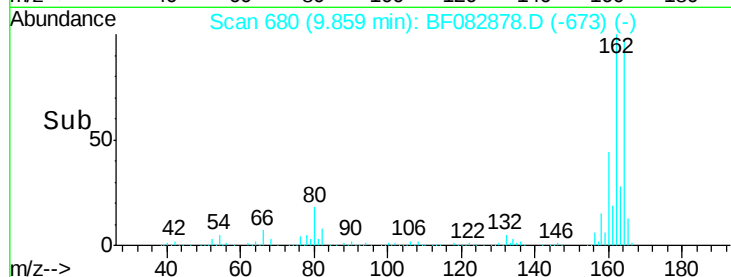
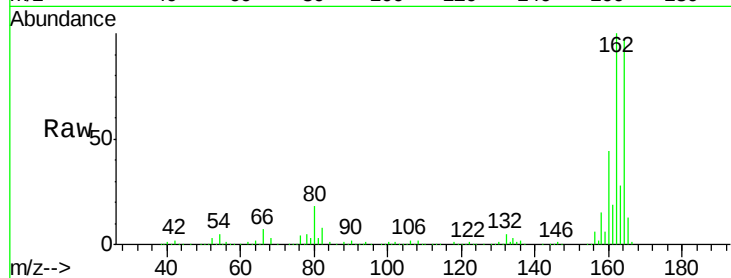




#56
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

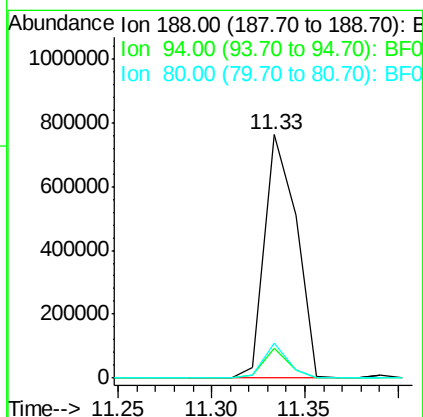
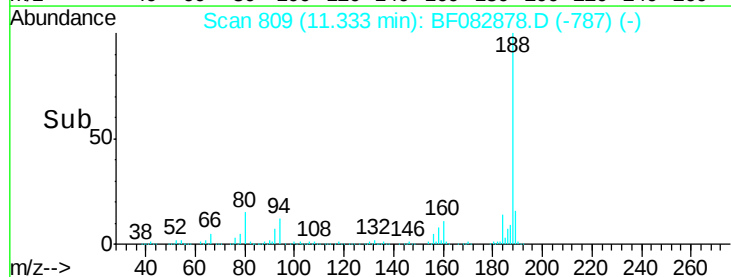
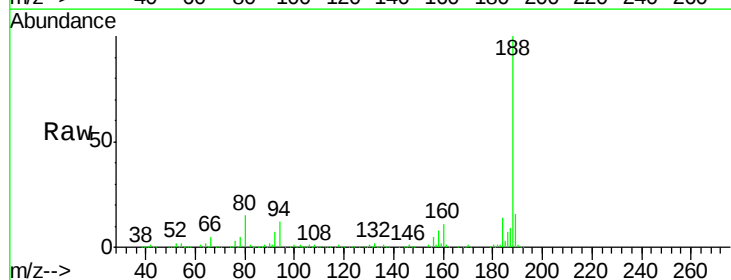
Instrument :
BNA_F
ClientSampled :
PB86541BL

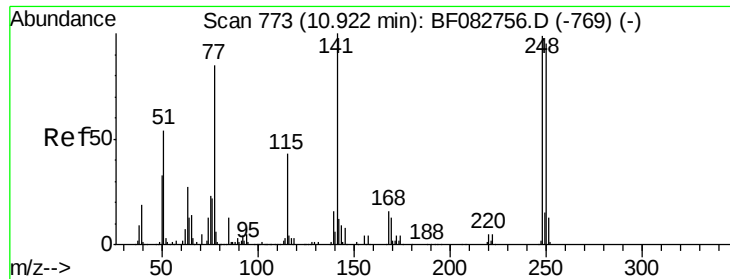
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.1	9.1#
80	14.5	7.0	10.6#

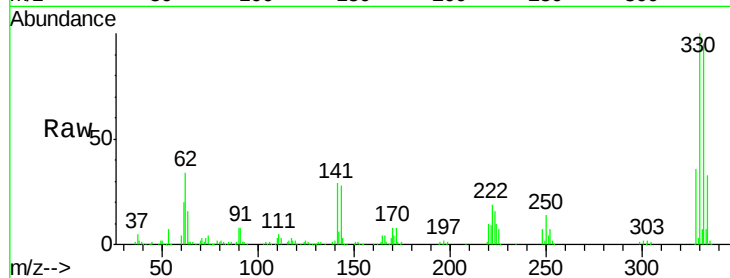




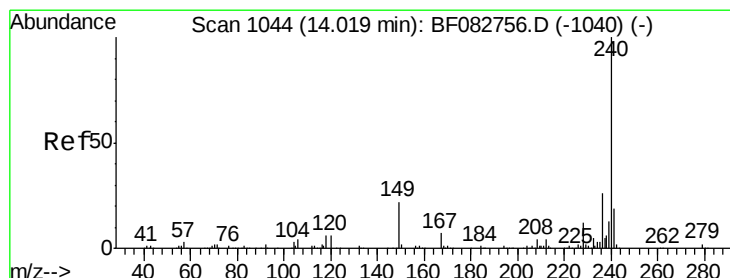
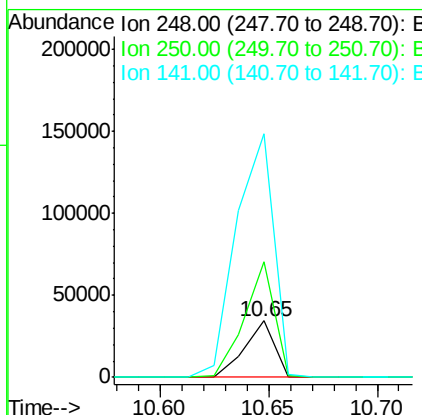
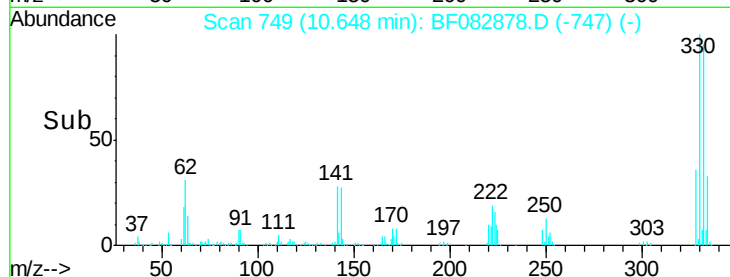
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

Instrument :
BNA_F
ClientSampleId :
PB86541BL

Tgt Ion:248 Resp: 33233
Ion Ratio Lower Upper
248 100
250 205.2 79.4 119.2#
141 432.8 36.3 54.5#

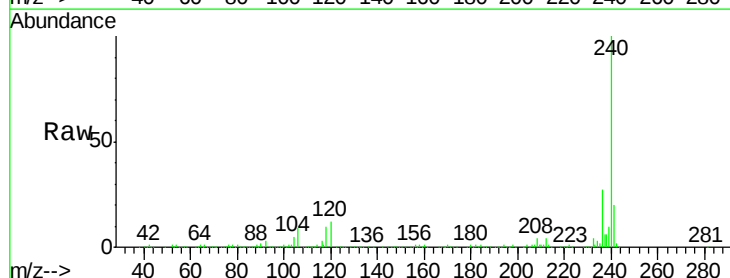


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

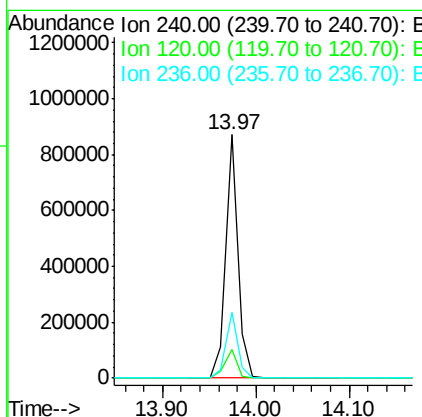
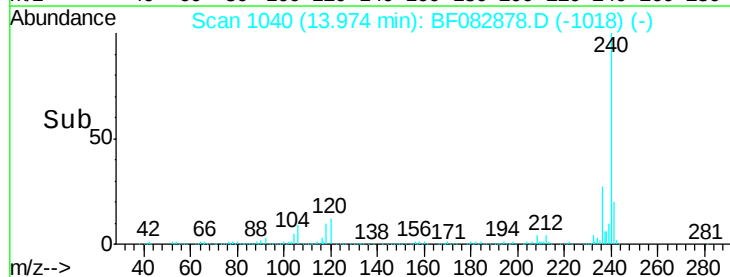


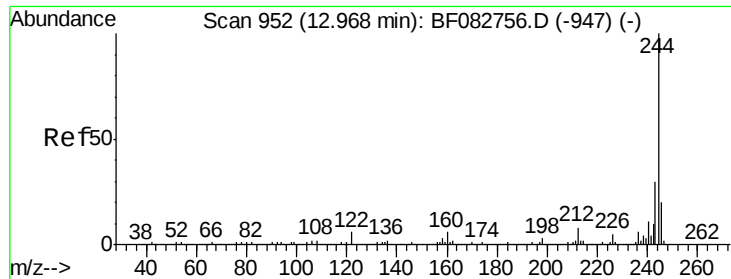
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082878.D
Acq: 10 Nov 2015 19:18

Tgt Ion:240 Resp: 789334
Ion Ratio Lower Upper
240 100
120 11.8 10.9 16.3
236 26.8 21.6 32.4



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

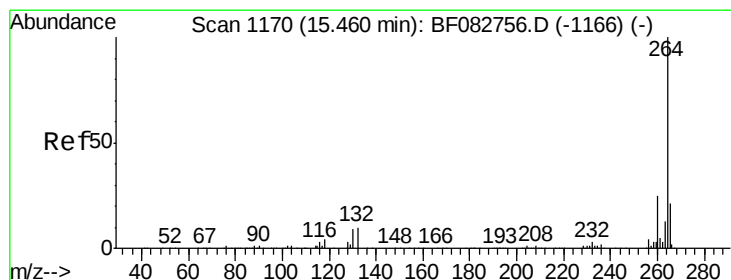
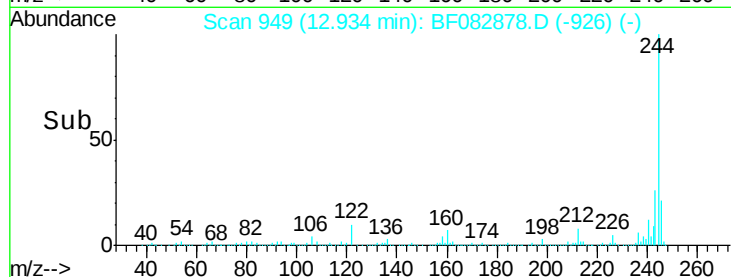
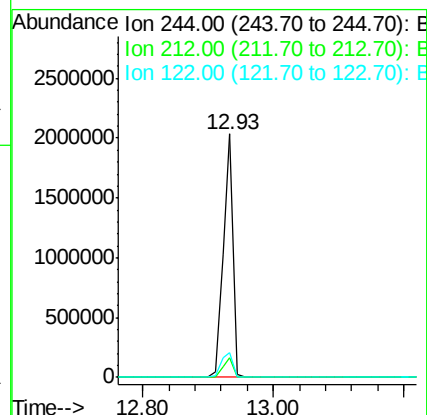
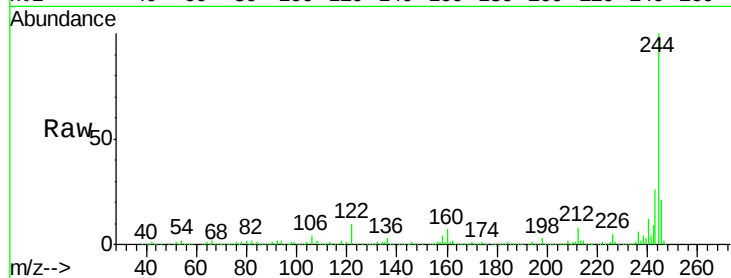




#78
 Terphenyl-d14
 Concen: 65.00 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BL

Tgt Ion:244 Resp: 2163267
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.6 11.4
 122 10.3 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082878.D
 Acq: 10 Nov 2015 19:18

Tgt Ion:264 Resp: 633011
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.9 17.4 26.0

