

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082130.D
 Acq On : 8 Oct 2015 16:34
 Operator : UM/IZ
 Sample : G3932-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AT-11

Quant Time: Oct 09 05:08:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	75936	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	308107	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	147798	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	294130	20.00	ng	0.00
75) Chrysene-d12	14.04	240	271833	20.00	ng	-0.01
86) Perylene-d12	15.48	264	201039	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	578657	138.33	ng	0.01
7) Phenol-d6	6.49	99	761473	144.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	449295	97.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	217486	145.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	888674	105.50	ng	-0.01
78) Terphenyl-d14	12.98	244	1024722	156.55	ng	0.00

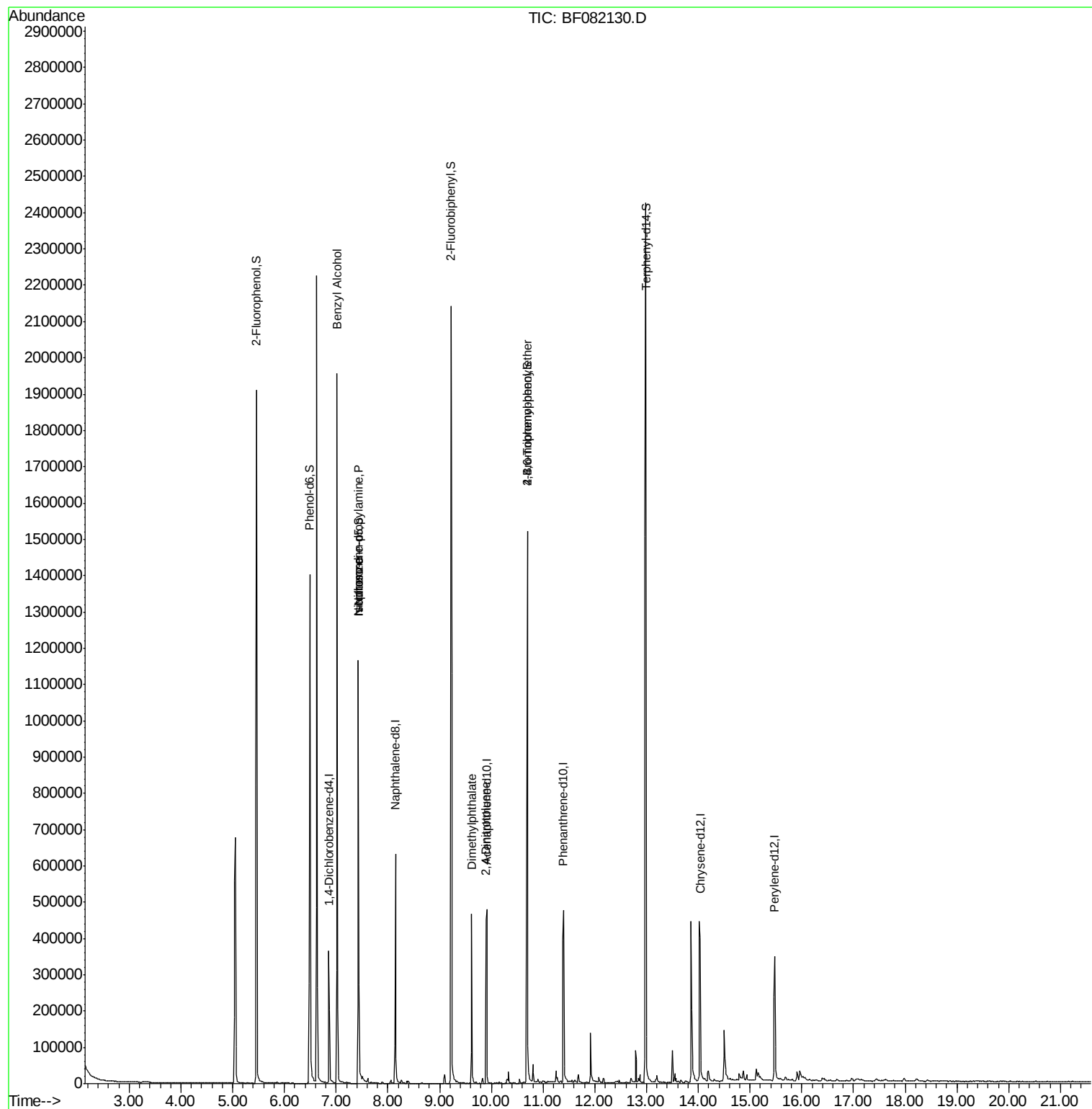
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.02	79	7876	2.07	ng	# 33
19) n-Nitroso-di-n-propylamine	7.43	70	56994	17.82	ng	# 58
25) Isophorone	7.43	82	386213	42.16	ng	# 58
49) Dimethylphthalate	9.62	163	200086	19.61	ng	# 97
56) 2,4-Dinitrotoluene	9.90	165	18680	6.62	ng	# 31
57) Fluorene	10.70	166	9489	Below Cal		# 79
66) 4-Bromophenyl-phenylether	10.70	248	14840	5.00	ng	# 1
70) Phenanthrene	11.42	178	1326	Below Cal		# 62
73) Di-n-butylphthalate	11.95	149	3832	Below Cal		# 96

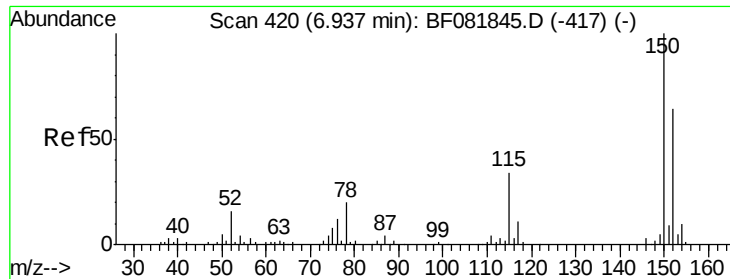
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

Instrument :

BNA_F

ClientSampleId :

TP-1-AT-11

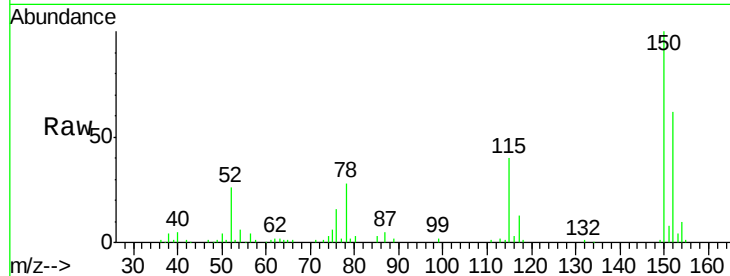
Tot Ion:152 Resp: 75936

Ion Ratio Lower Upper

152 100

150 162.2 124.7 187.1

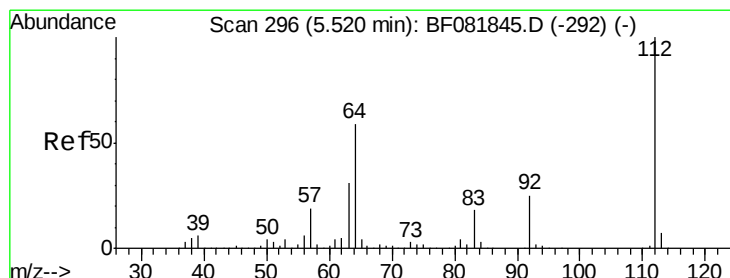
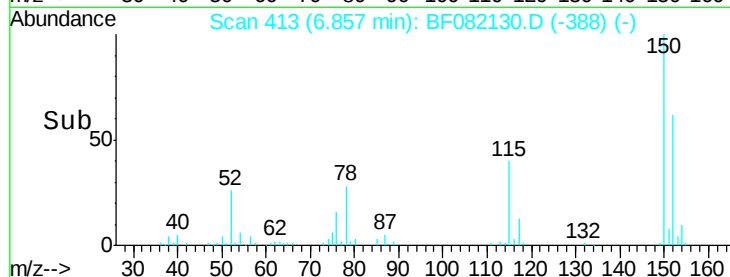
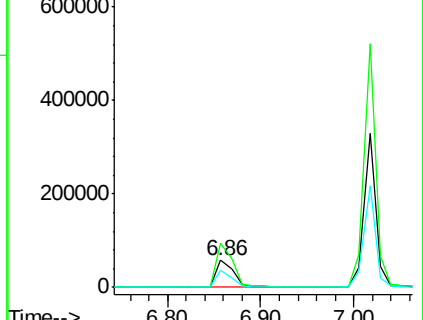
115 65.1 39.0 58.4#



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: 138.33 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

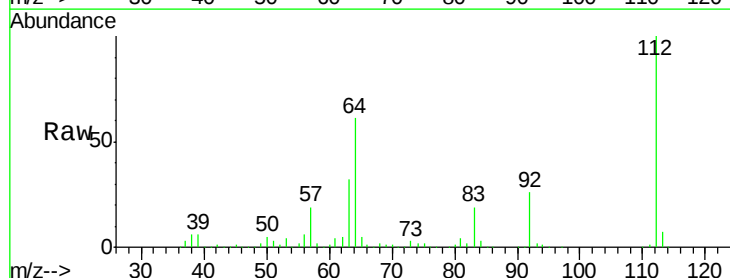
Tgt Ion:112 Resp: 578657

Ion Ratio Lower Upper

112 100

64 61.2 39.7 59.5#

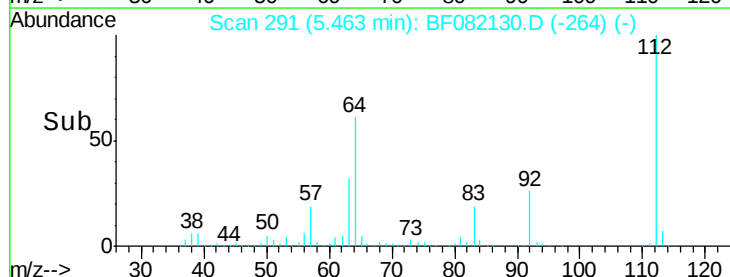
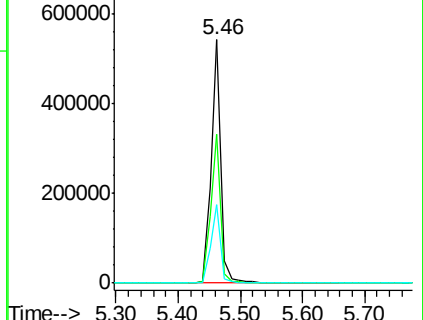
63 32.5 17.4 26.0#

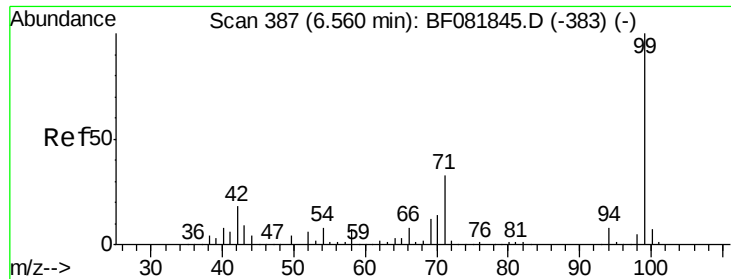


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.67 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

Instrument :

BNA_F

ClientSampleId :

TP-1-AT-11

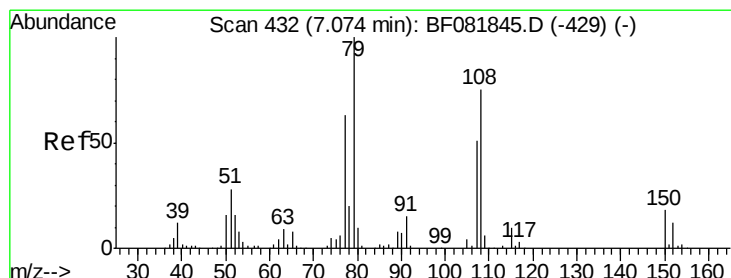
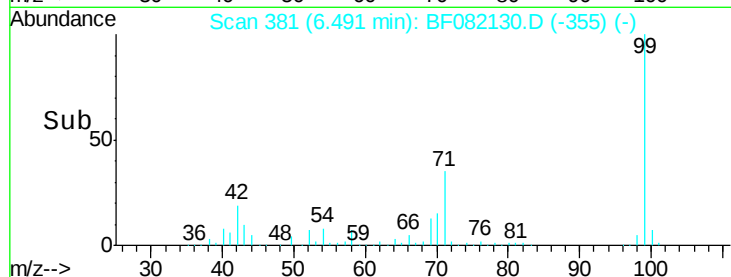
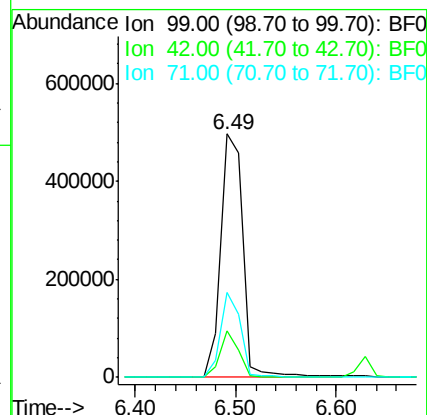
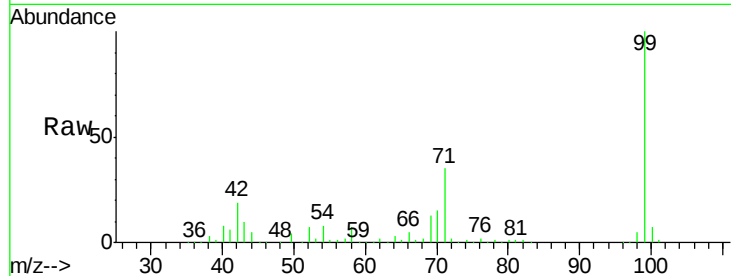
Tot Ion: 99 Resp: 761473

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

71 35.1 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

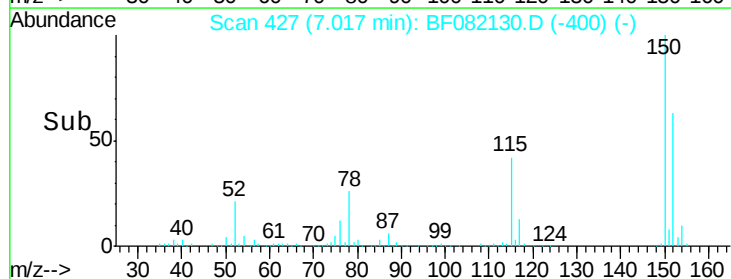
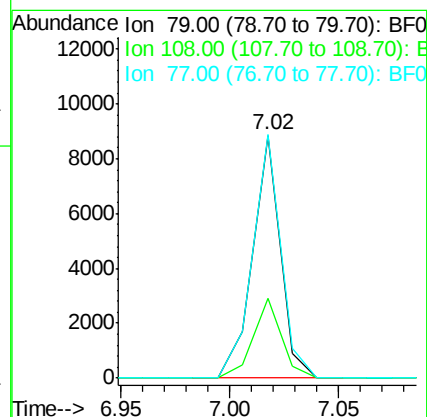
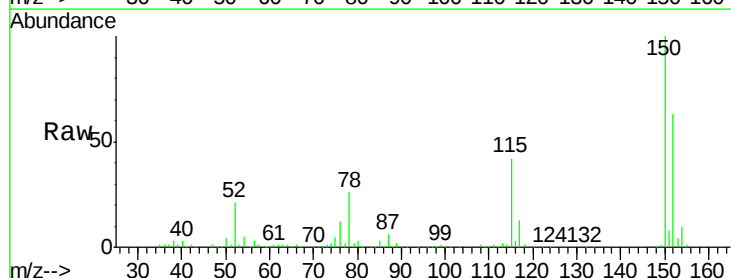
Tgt Ion: 79 Resp: 7876

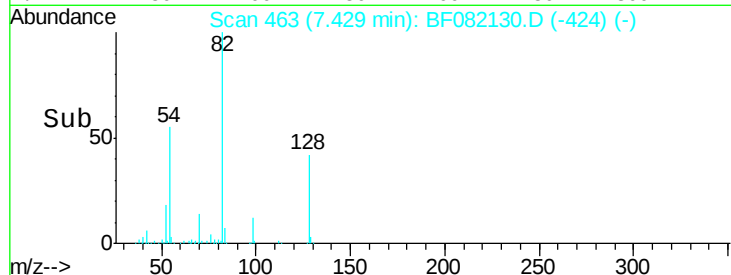
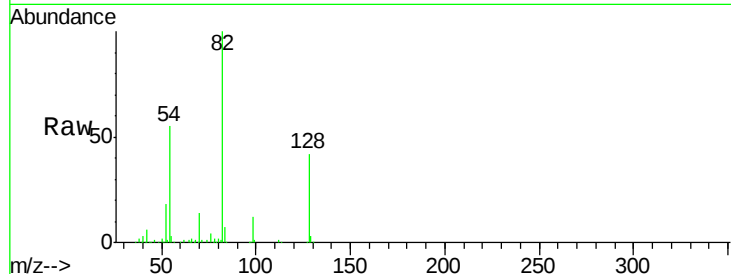
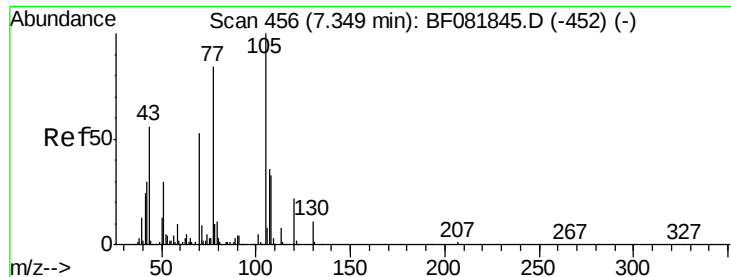
Ion Ratio Lower Upper

79 100

108 32.7 88.6 132.8#

77 100.2 47.0 70.4#

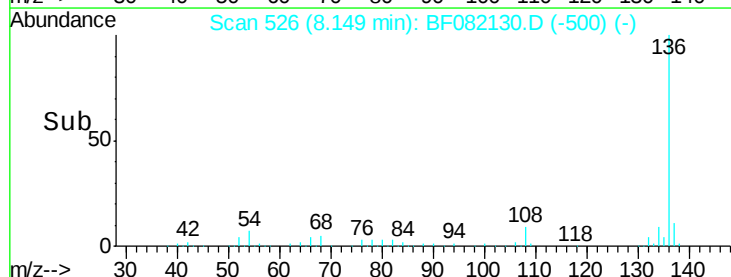
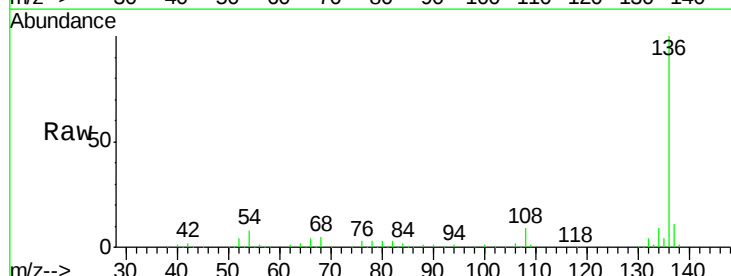
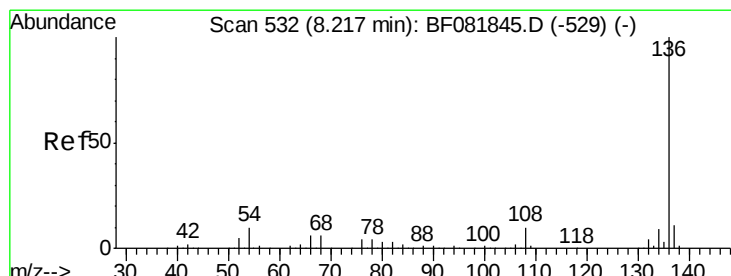
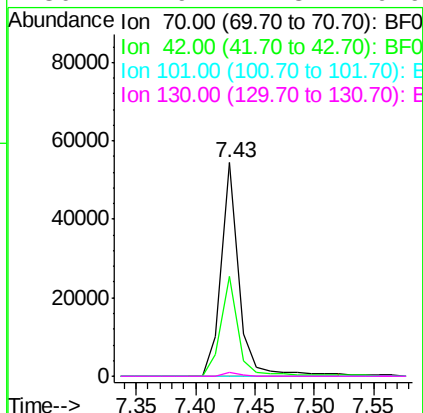




#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

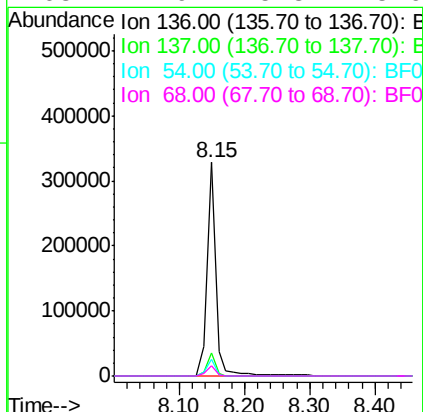
Instrument :
BNA_F
ClientSampleId :
TP-1-AT-11

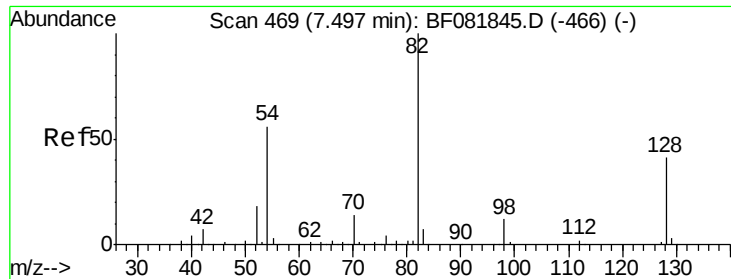
Tot Ion:	70	Resp:	56994
Ion	Ratio	Lower	Upper
70	100		
42	47.0	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

Tgt Ion:	136	Resp:	308107
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.6	8.2	12.2#
68	4.9	5.8	8.6#

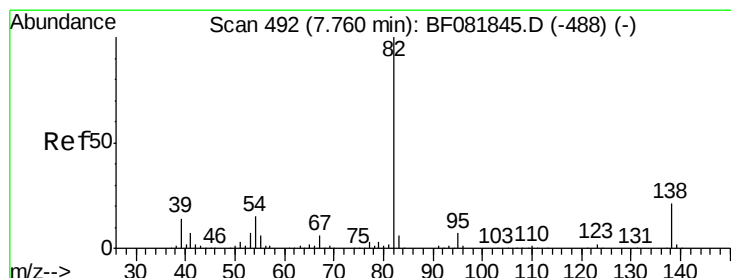
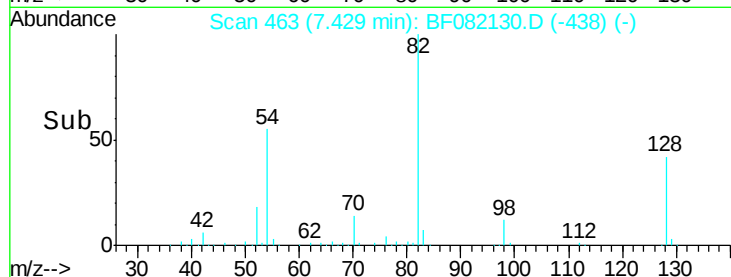
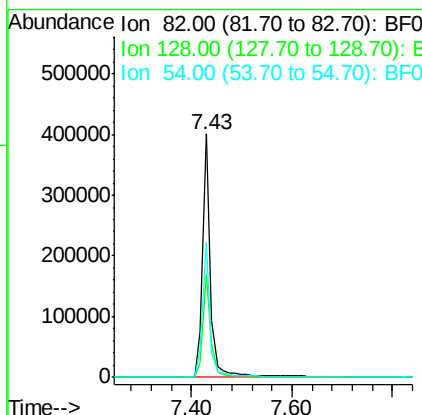
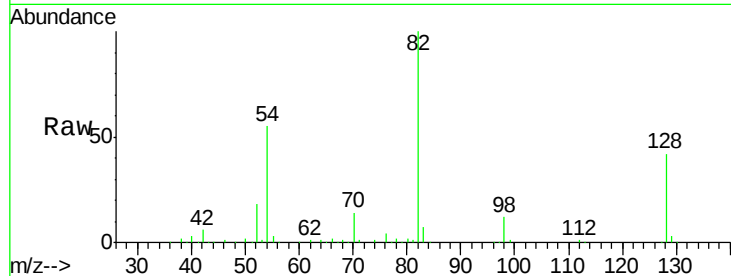




#23
Nitrobenzene-d5
Concen: 97.21 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

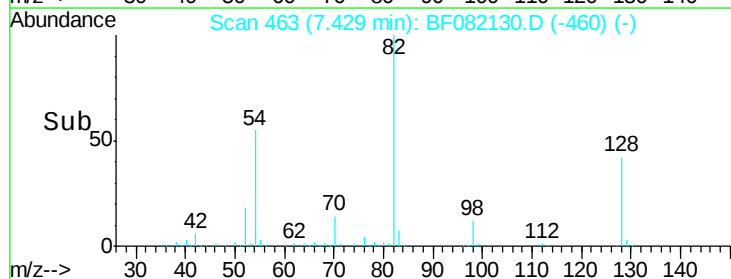
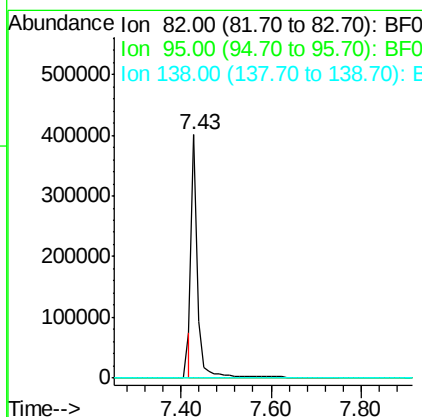
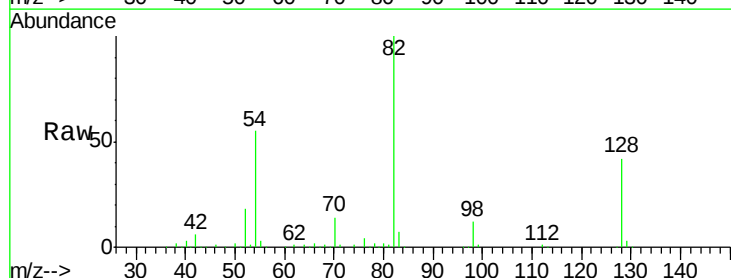
Instrument :
BNA_F
ClientSampleId :
TP-1-AT-11

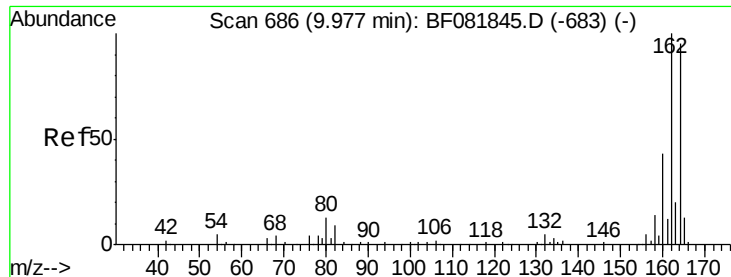
Tot Ion: 82 Resp: 449295
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 55.2 47.5 71.3



#25
Isophorone
Concen: 42.16 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.26 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

Tgt Ion: 82 Resp: 386213
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

Instrument :

BNA_F

ClientSampleId :

TP-1-AT-11

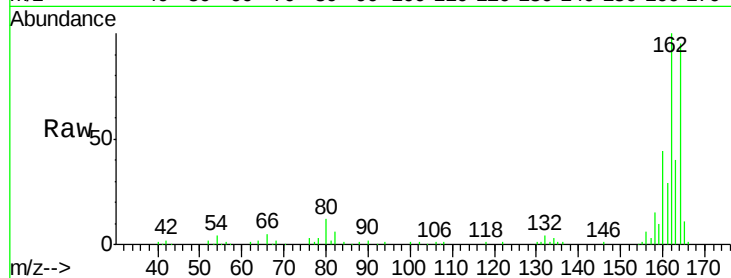
Tot Ion:164 Resp: 147798

Ion Ratio Lower Upper

164 100

162 105.7 75.2 112.8

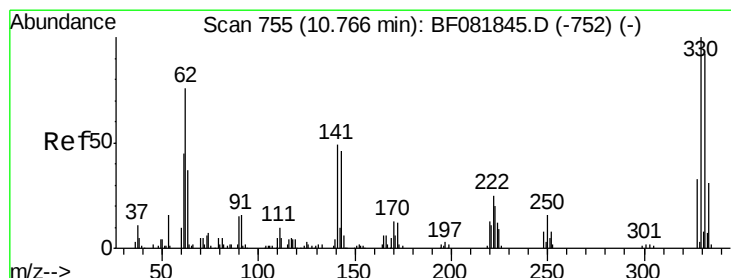
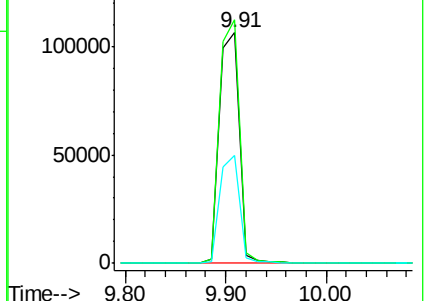
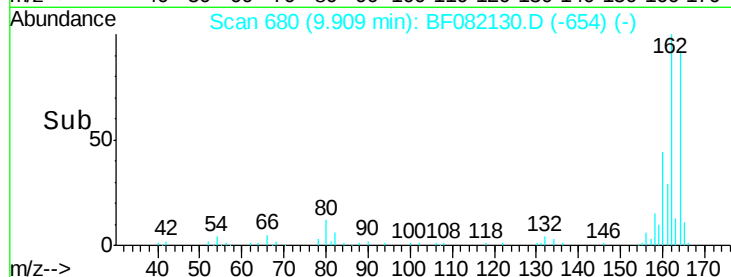
160 46.7 31.5 47.3



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: 145.30 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF082130.D

Acq: 8 Oct 2015 16:34

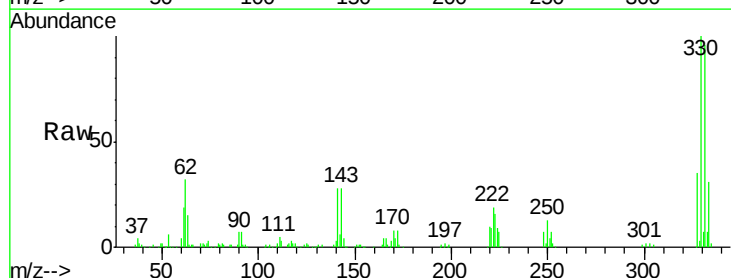
Tgt Ion:330 Resp: 217486

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

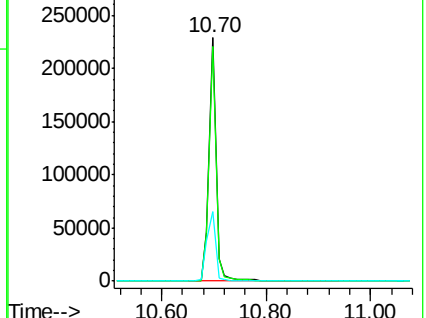
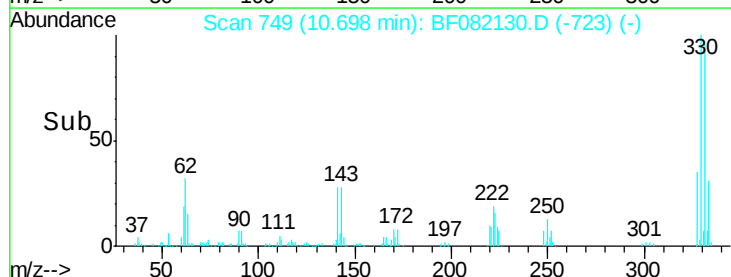
141 35.2 29.7 44.5

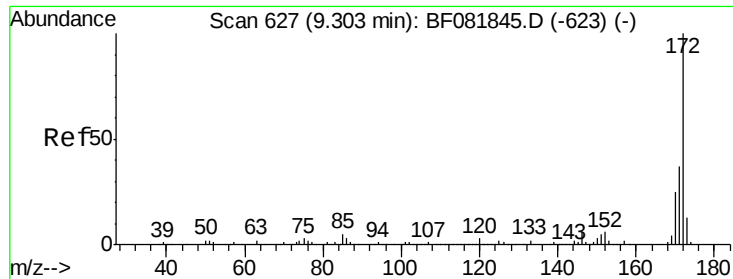


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

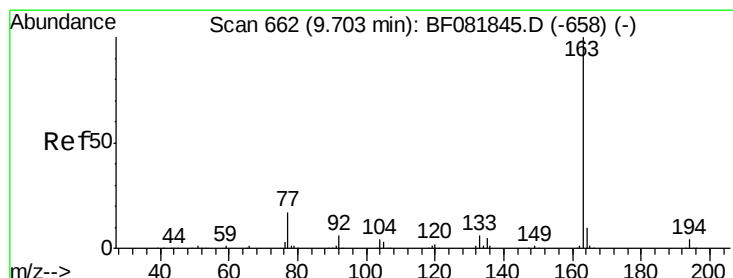
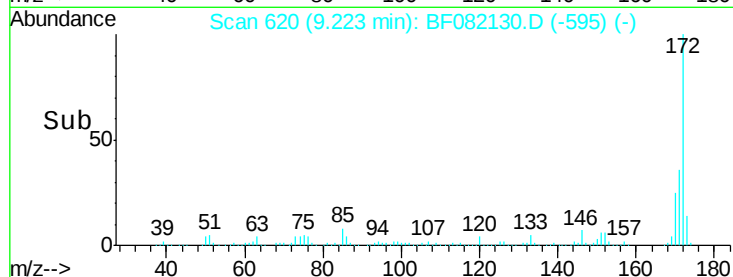
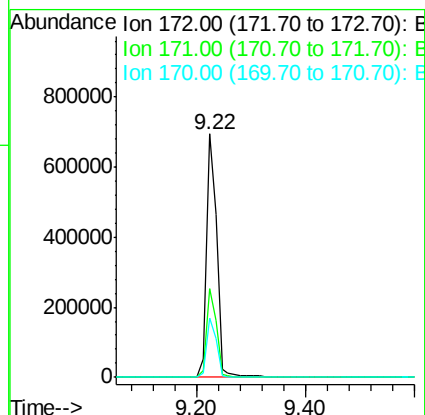
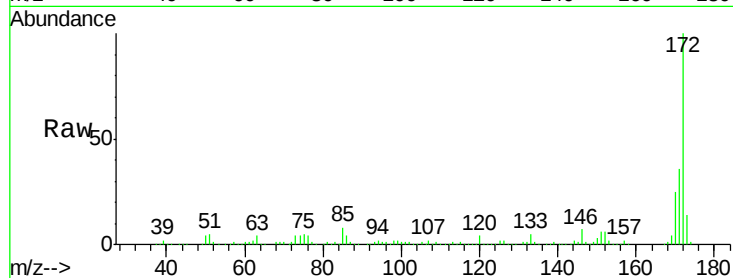




#44
 2-Fluorobiphenyl
 Concen: 105.50 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

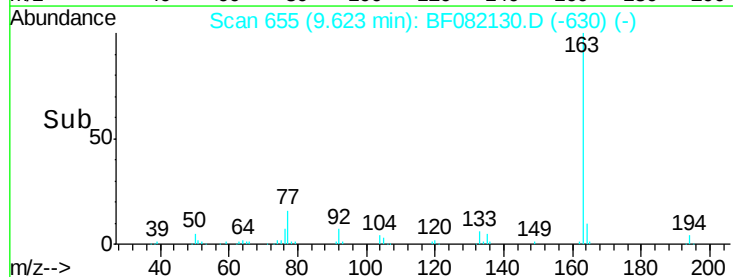
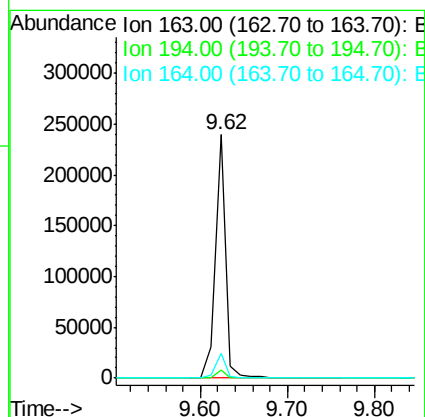
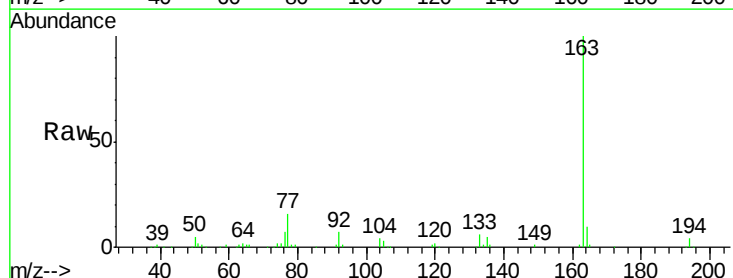
Instrument :
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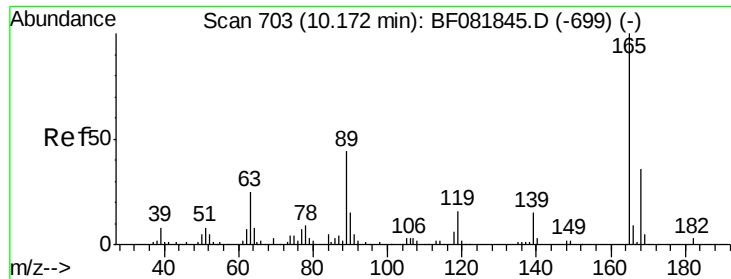
Tot Ion:172 Resp: 888674
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 19.61 ng
 RT: 9.62 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

Tgt Ion:163 Resp: 200086
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 10.1 8.3 12.5

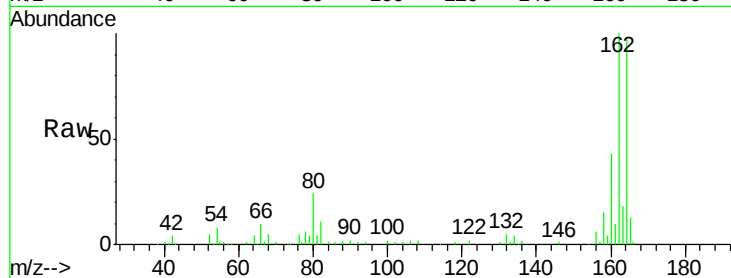




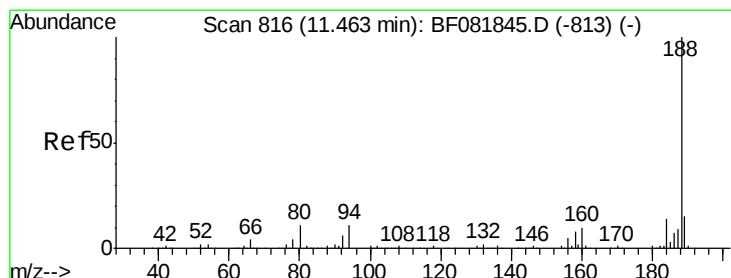
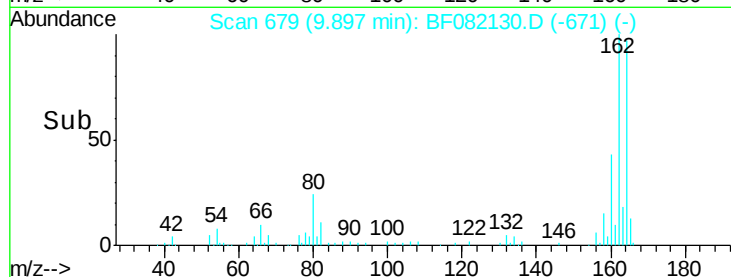
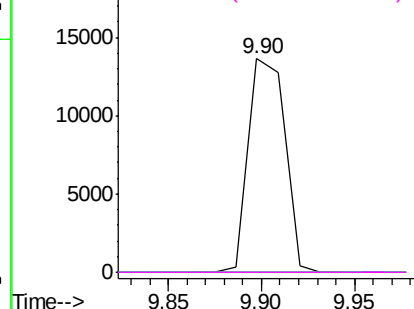
#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.21 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AT-11

Tot Ion:165	Resp:	18680
Ion Ratio	Lower	Upper
165	100	
63	0.0	29.8 44.6#
89	0.0	44.5 66.7#
182	0.0	3.0 4.4#

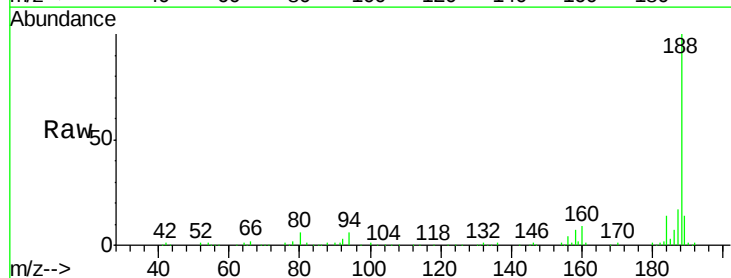


Abundance Ion 165.00 (164.70 to 165.70): E

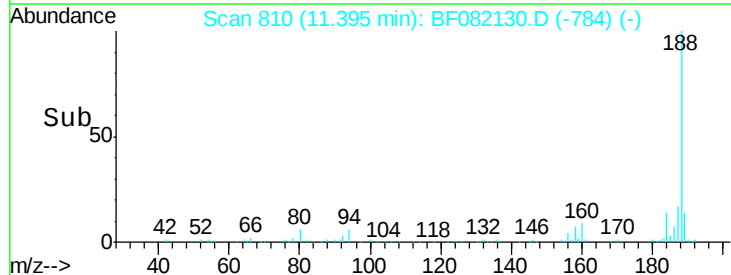
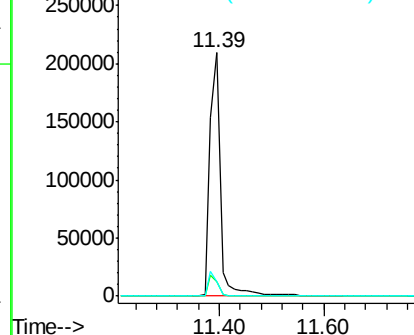


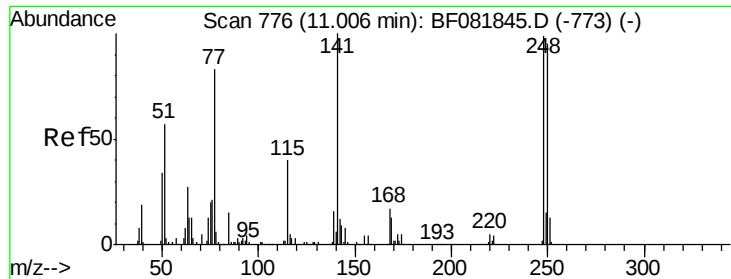
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

Tgt Ion:188	Resp:	294130
Ion Ratio	Lower	Upper
188	100	
94	5.9	11.1 16.7#
80	6.2	11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

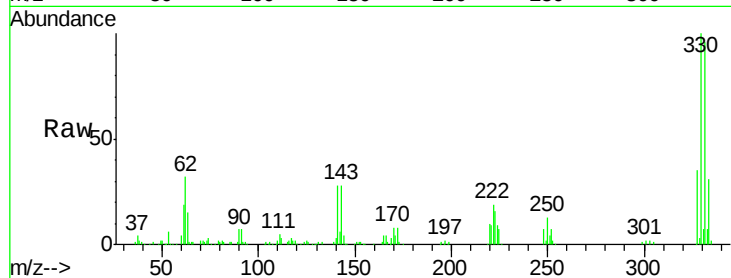




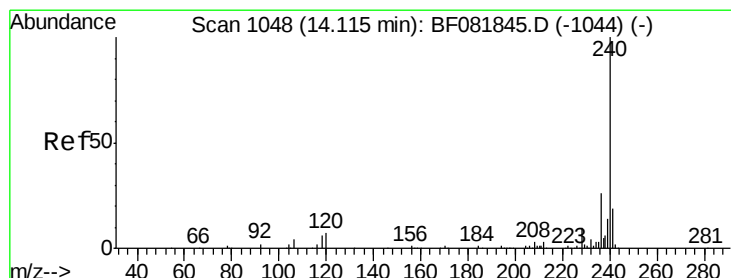
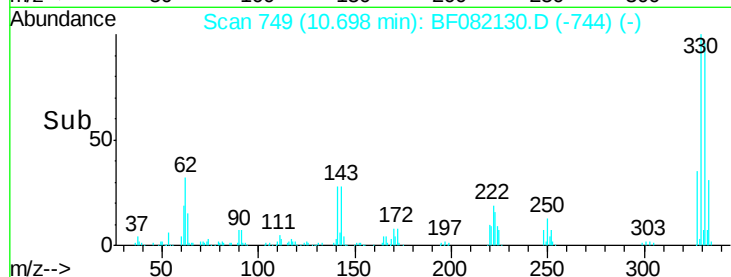
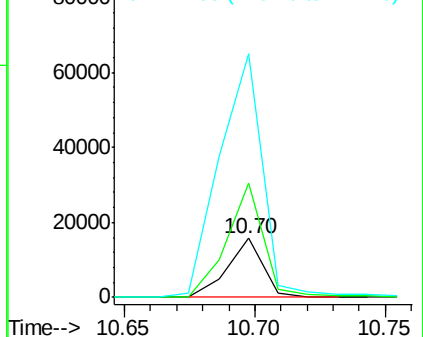
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.70 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

Instrument :
BNA_F
ClientSampleId :
TP-1-AT-11

Tot Ion:248 Resp: 14840
Ion Ratio Lower Upper
248 100
250 194.8 78.5 117.7#
141 414.6 59.0 88.6#

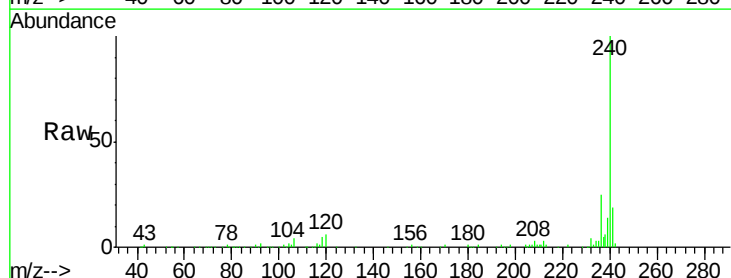


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

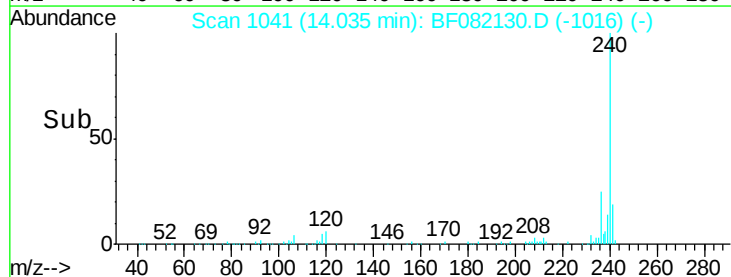
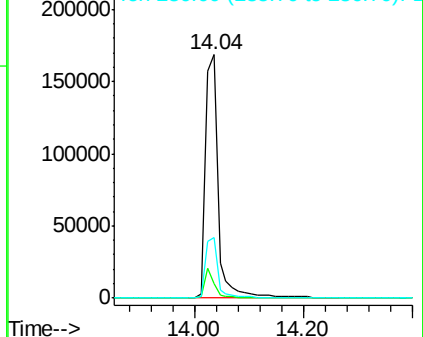


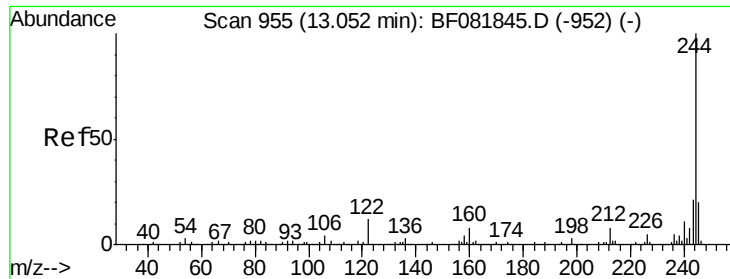
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF082130.D
Acq: 8 Oct 2015 16:34

Tgt Ion:240 Resp: 271833
Ion Ratio Lower Upper
240 100
120 6.2 16.2 24.2#
236 25.0 18.4 27.6



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

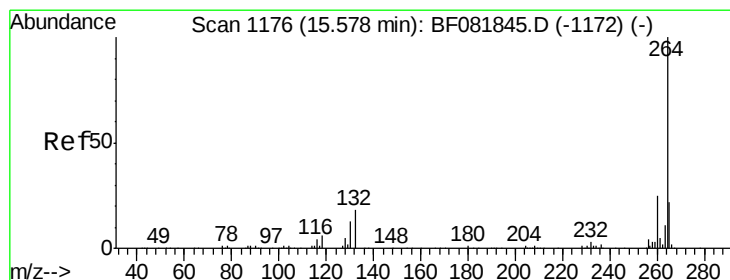
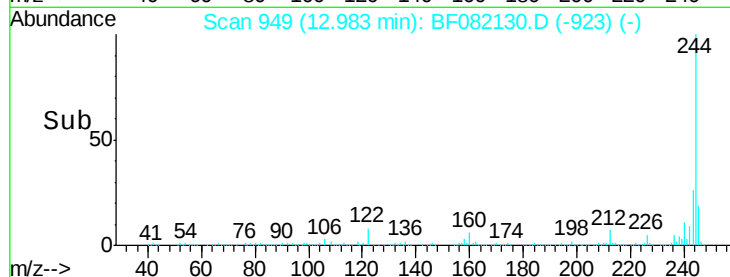
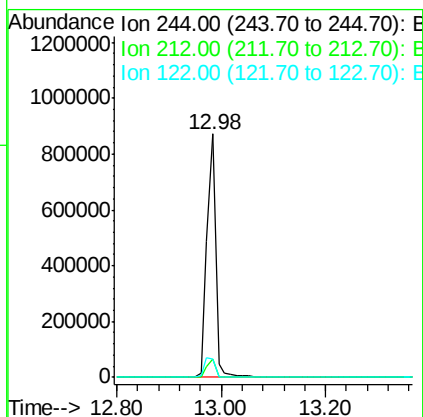
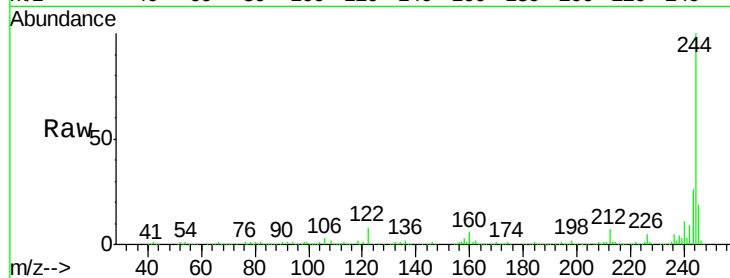




#78
 Terphenyl-d14
 Concen: 156.55 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AT-11

Tot Ion:244 Resp: 1024722
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 7.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082130.D
 Acq: 8 Oct 2015 16:34

Tgt Ion:264 Resp: 201039
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.4 17.2 25.8

