

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093140.D
 Acq On : 24 Feb 2017 9:44
 Operator : SJ/MA
 Sample : I1939-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 10:18:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

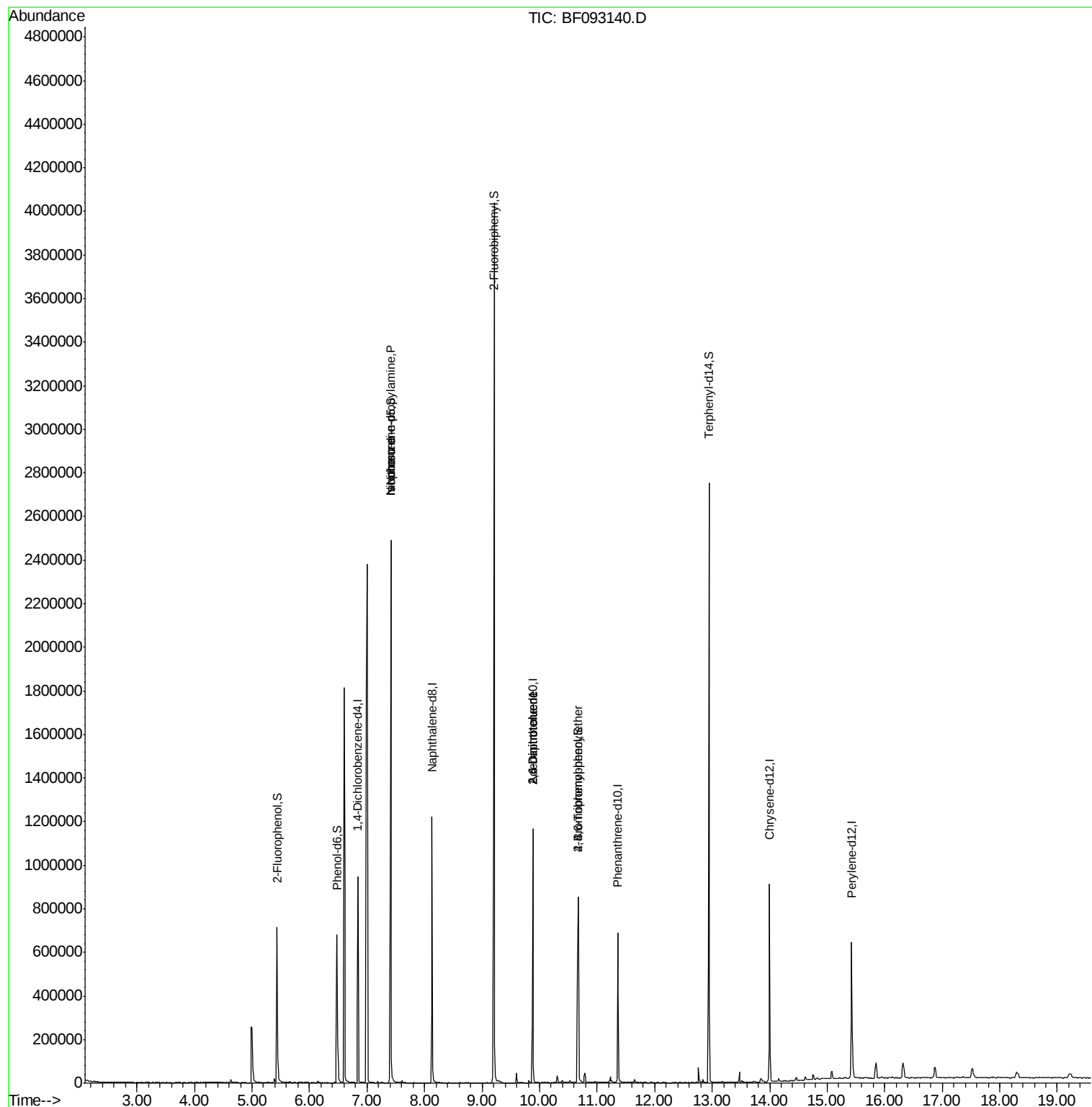
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152524	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	558438	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	229340	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	315221	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	304348	20.00	ng	-0.02
86) Perylene-d12	15.43	264	261990	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	303655	34.16	ng	-0.01
7) Phenol-d6	6.48	99	239229	20.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	854727	85.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	122500	73.85	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1264092	99.86	ng	-0.01
78) Terphenyl-d14	12.95	244	805662	62.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	112067	15.39	ng	# 81
25) Isophorone	7.41	82	624391	33.41	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	27636	8.28	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	27636	6.22	ng	# 20
66) 4-Bromophenyl-phenylether	10.67	248	9232	2.80	ng	# 1

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

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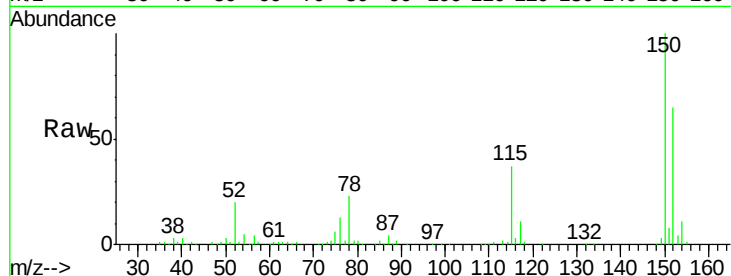


#1

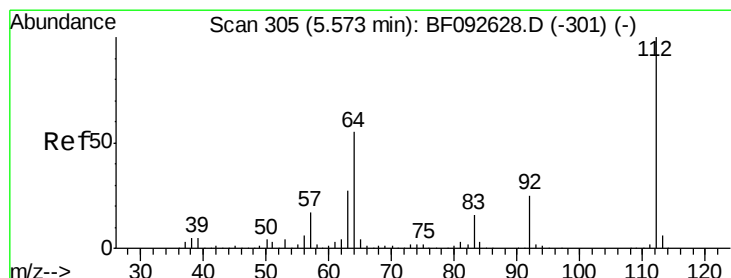
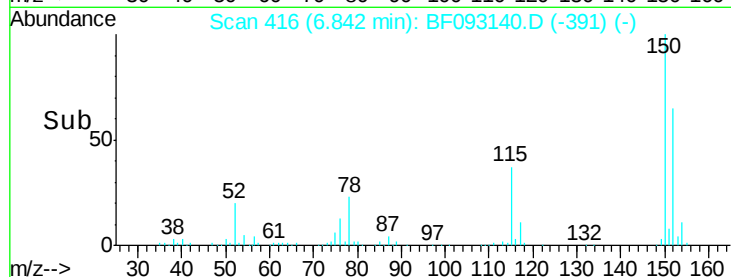
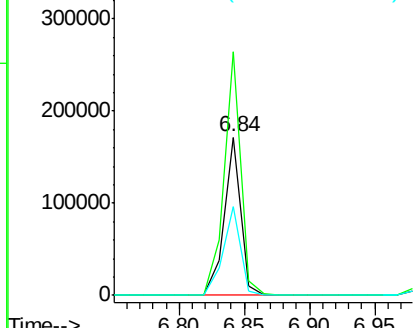
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	56.3	46.0	69.0



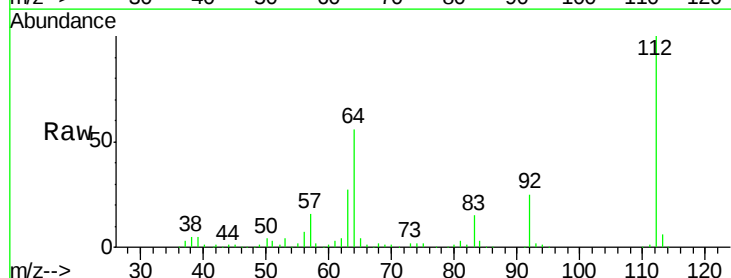
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



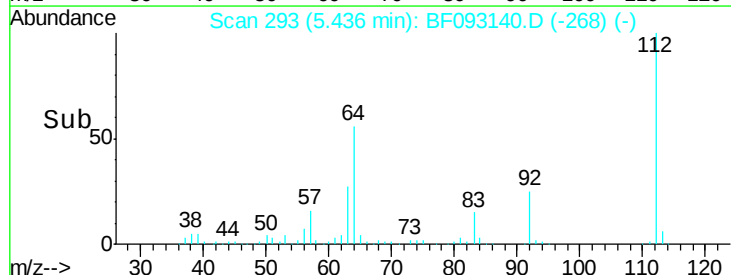
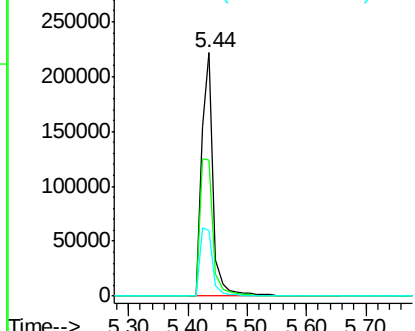
#5

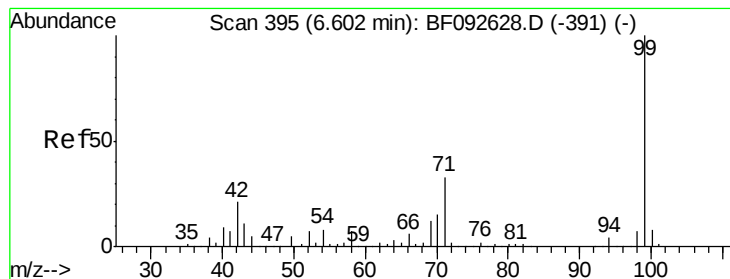
2-Fluorophenol
Concen: 34.16 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.1	69.1
63	27.1	23.8	35.6



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: 20.91 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093140.D

Acq: 24 Feb 2017 9:44

Instrument :

BNA_F

ClientSampleId :

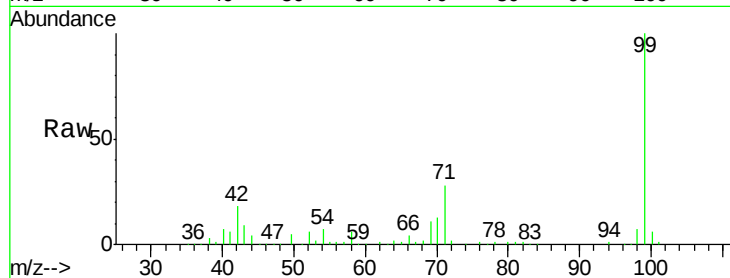
Tot Ion: 99 Resp: 239229

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

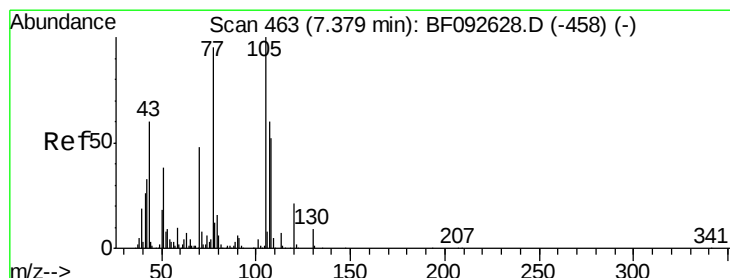
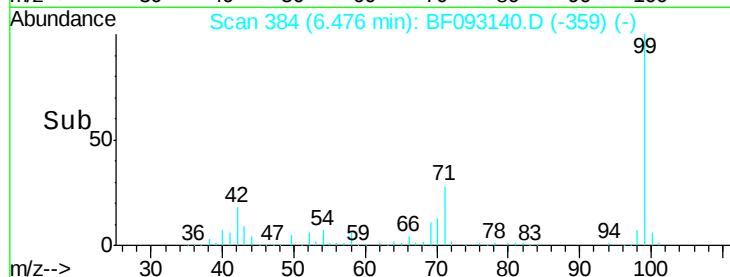
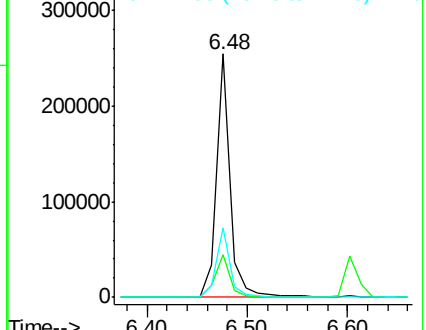
71 28.5 27.5 41.3



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: 15.39 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093140.D

Acq: 24 Feb 2017 9:44

Tgt Ion: 70 Resp: 112067

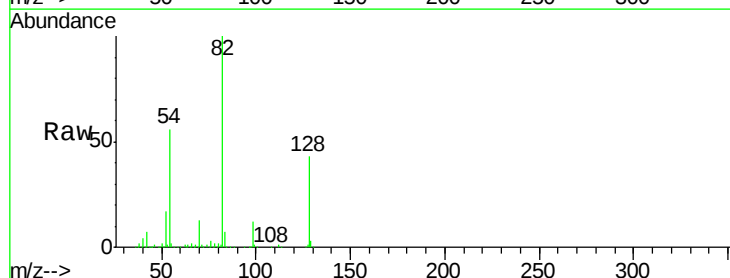
Ion Ratio Lower Upper

70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

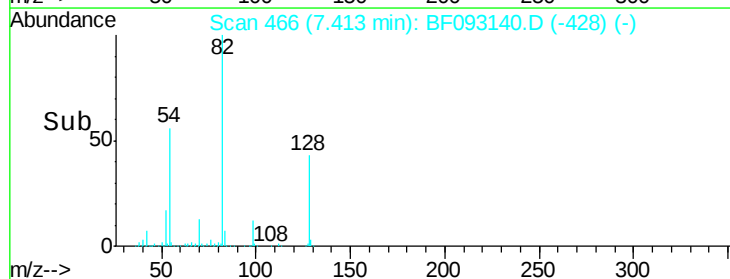
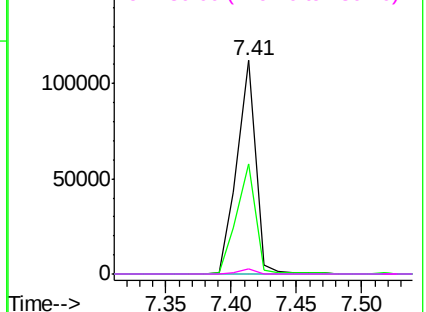


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

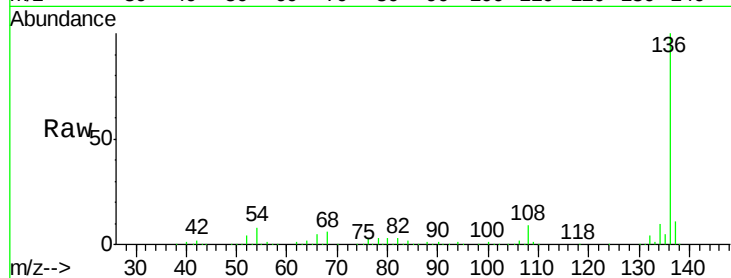




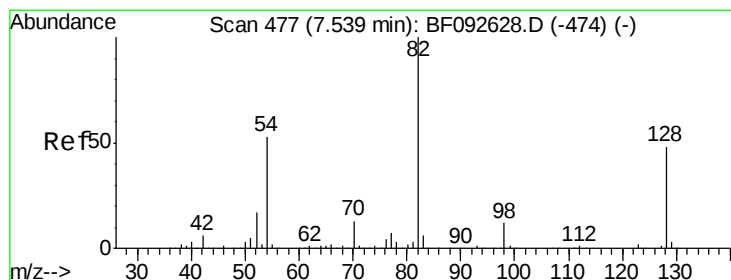
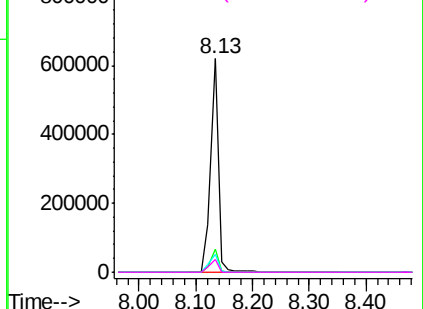
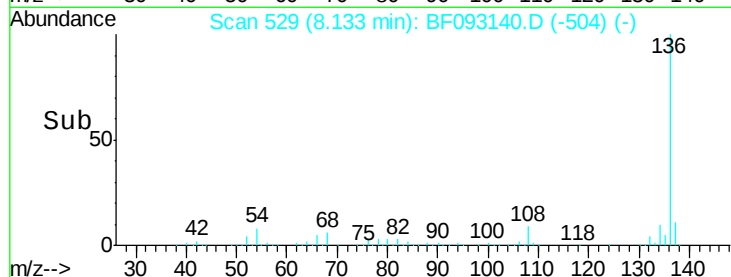
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	558438
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	8.4	4.5	6.7#
68	6.2	3.6	5.4#

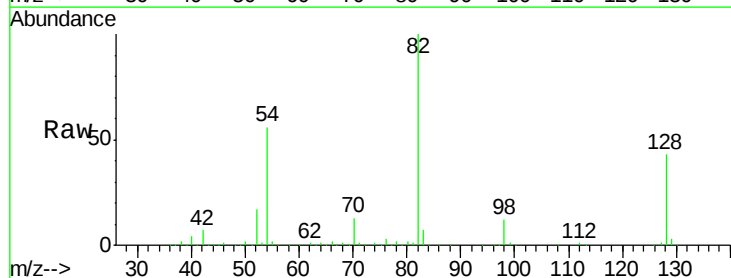


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

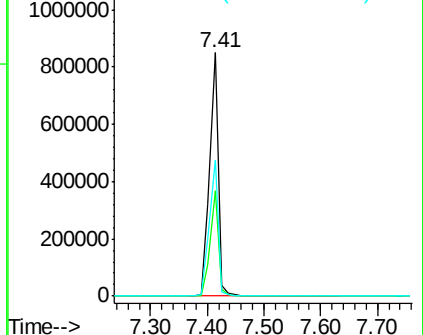
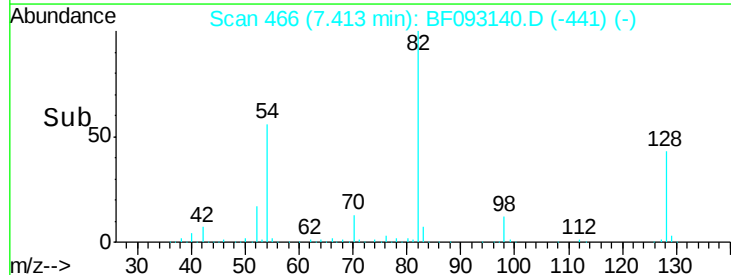


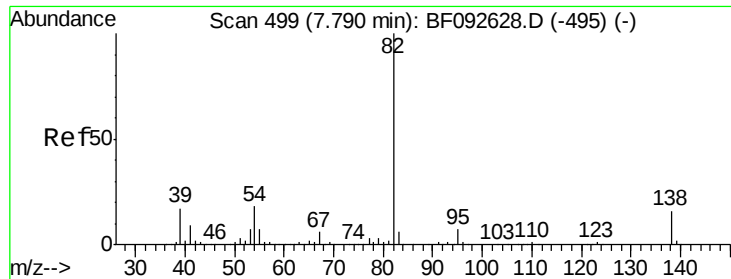
#23
Nitrobenzene-d5
Concen: 85.23 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Tgt Ion:	82	Resp:	854727
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	52.0
54	55.8	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

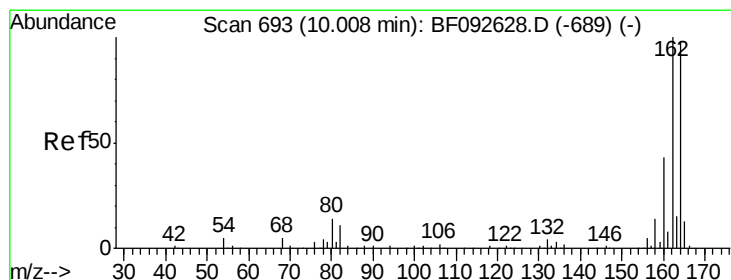
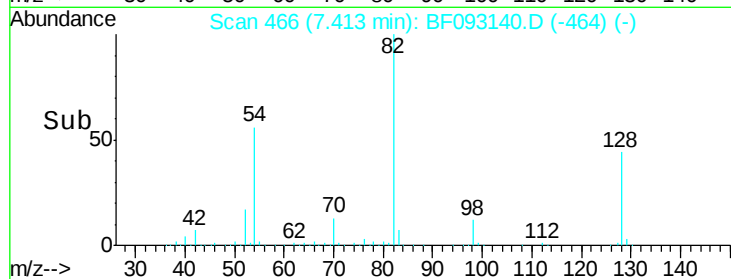
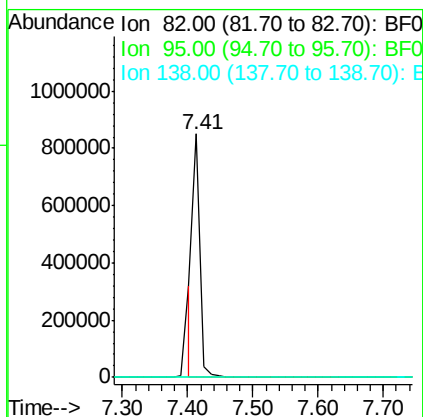
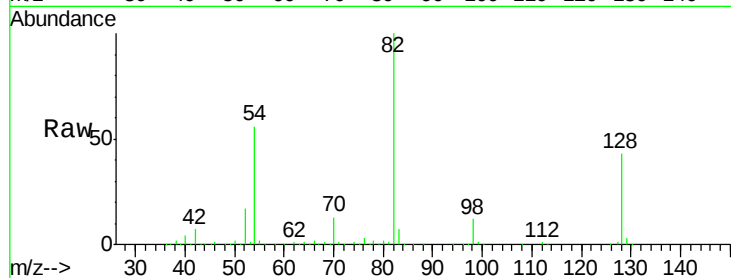




#25
Isophorone
Concen: 33.41 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

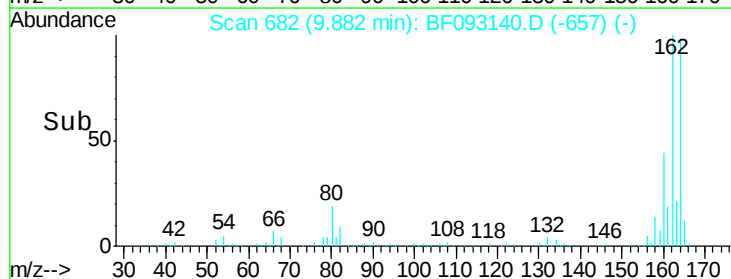
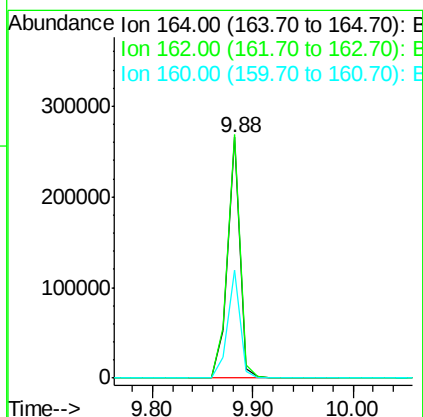
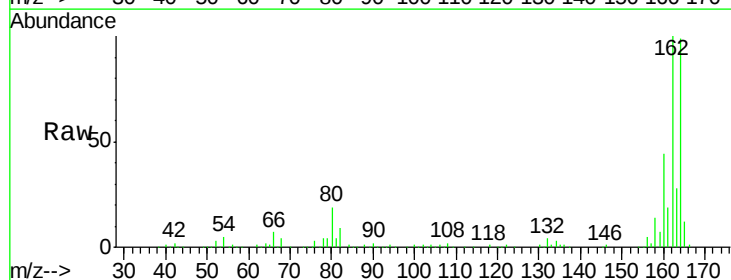
Instrument :
BNA_F
ClientSampleId :

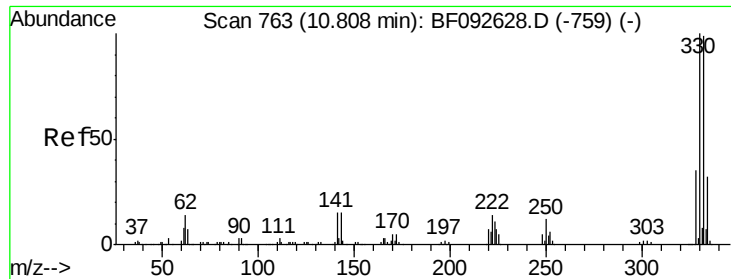
Tot Ion: 82 Resp: 624391
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Tgt Ion: 164 Resp: 229340
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.9 36.9 55.3

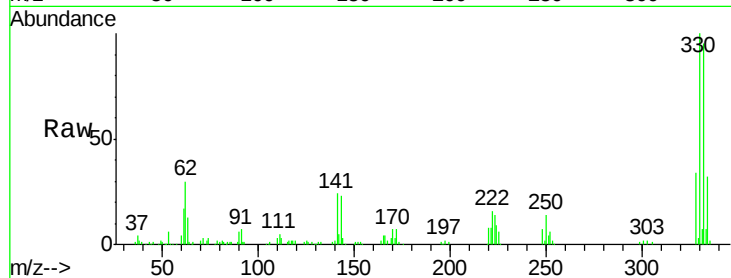




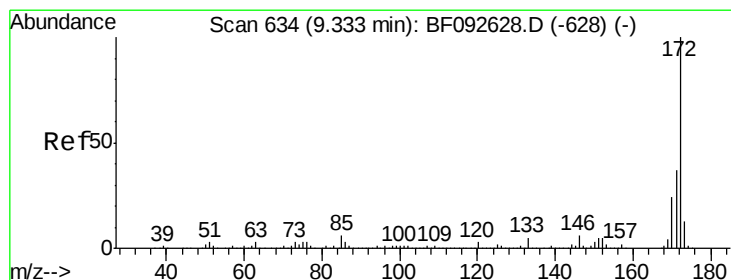
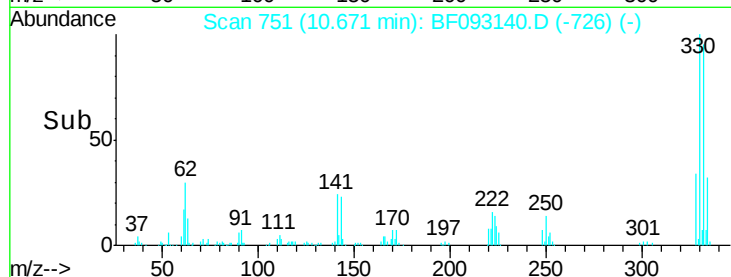
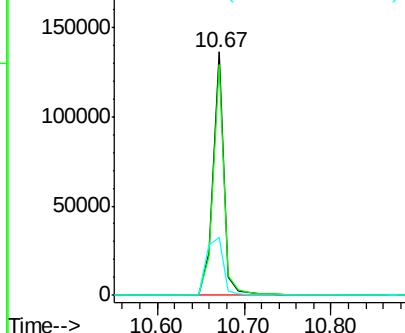
#41
 2,4,6-Tribromophenol
 Concen: 73.85 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093140.D
 Acq: 24 Feb 2017 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	36.8	34.1	51.1

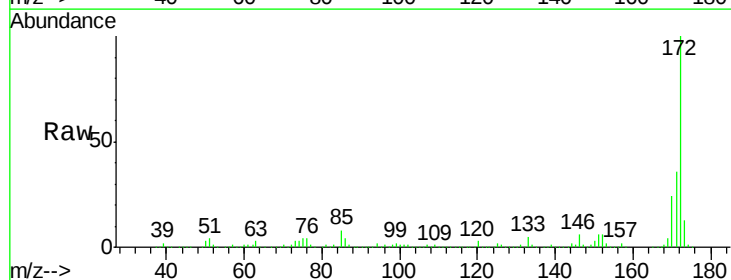


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

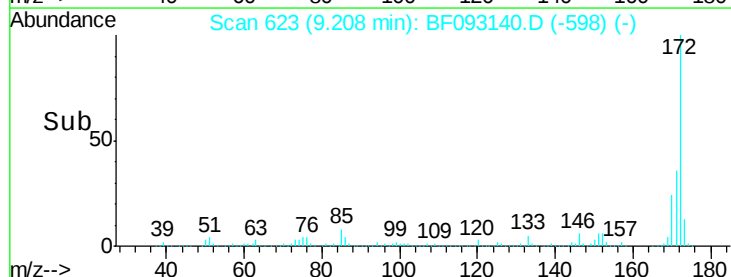
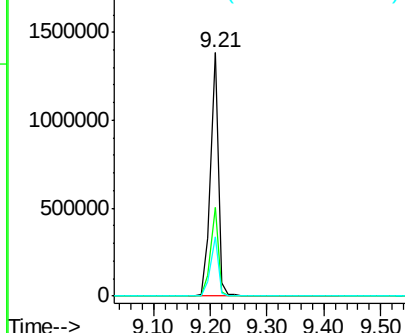


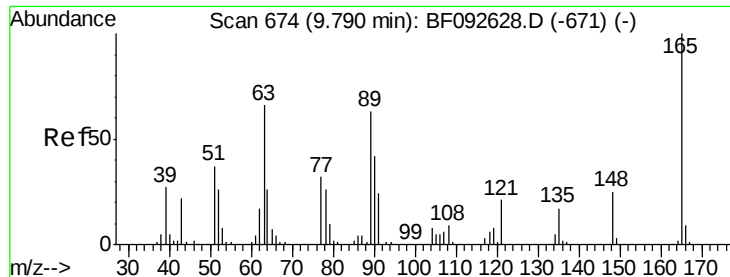
#44
 2-Fluorobiphenyl
 Concen: 99.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093140.D
 Acq: 24 Feb 2017 9:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4



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

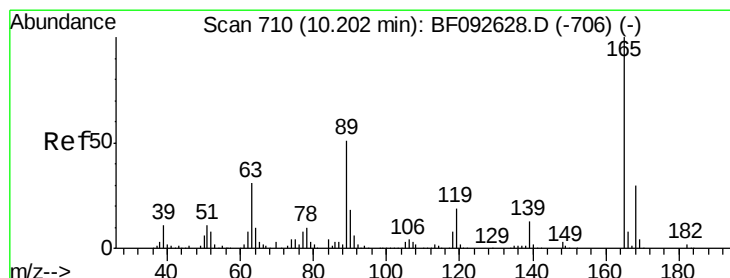
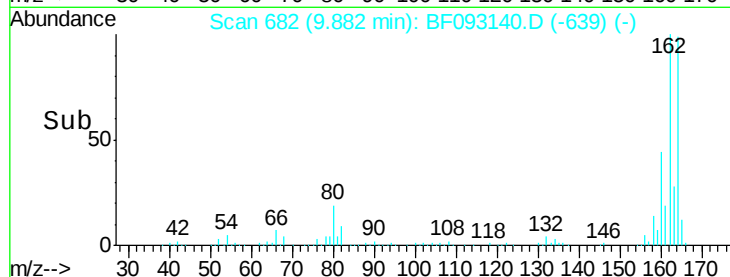
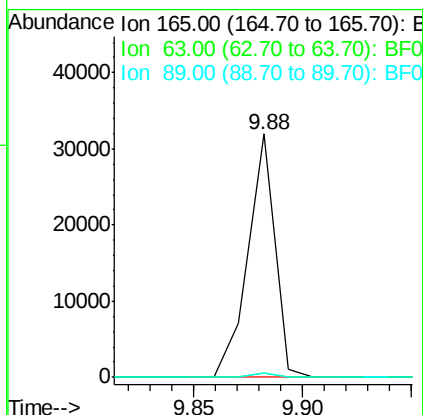
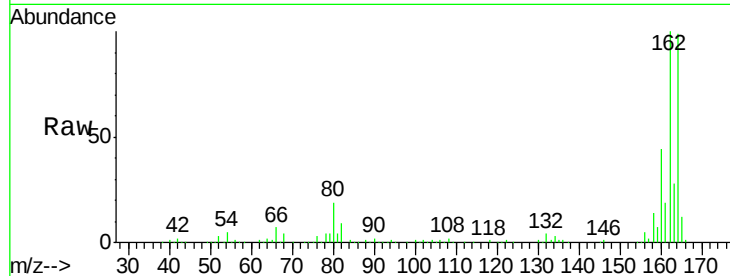




#50
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093140.D
 Acq: 24 Feb 2017 9:44

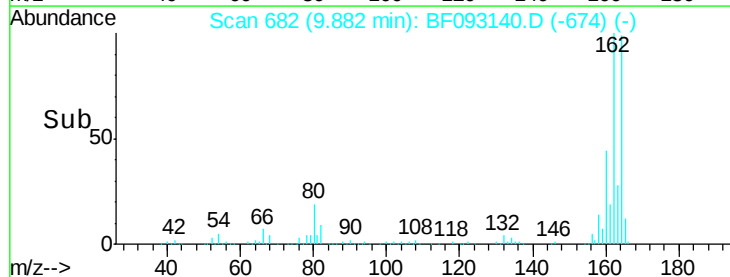
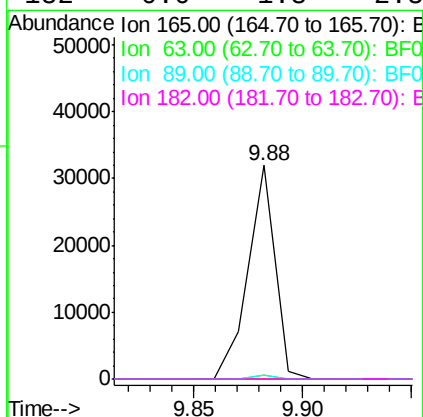
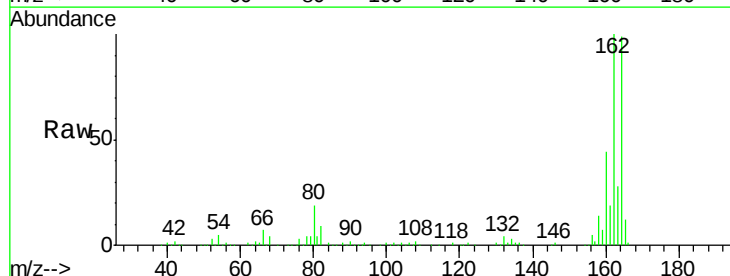
Instrument :
 BNA_F
 ClientSampleId :

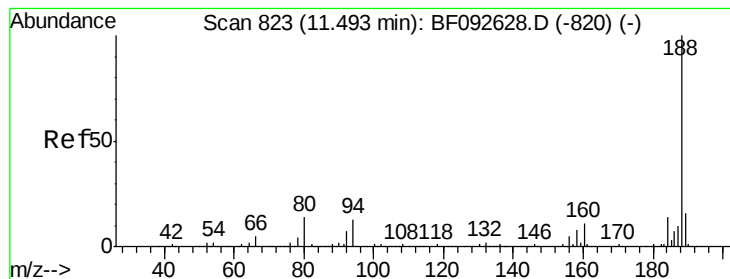
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.7	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093140.D
 Acq: 24 Feb 2017 9:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093140.D

Acq: 24 Feb 2017 9:44

Instrument :

BNA_F

ClientSampleId :

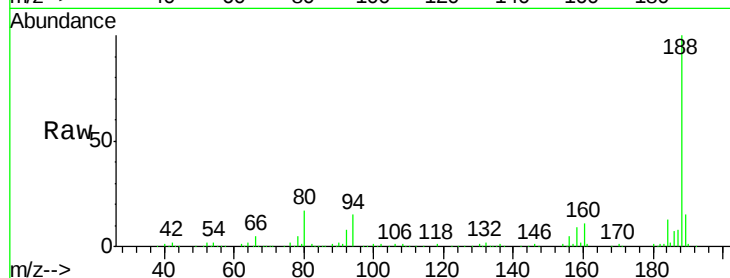
Tot Ion:188 Resp: 315221

Ion Ratio Lower Upper

188 100

94 15.1 10.0 15.0#

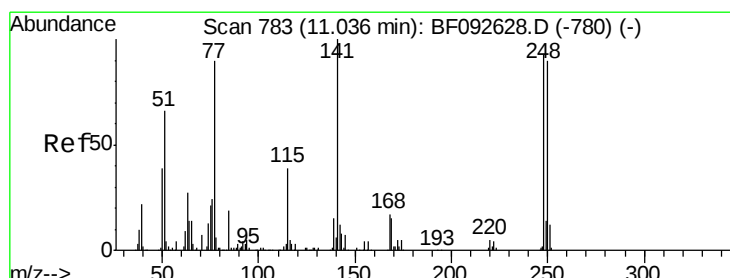
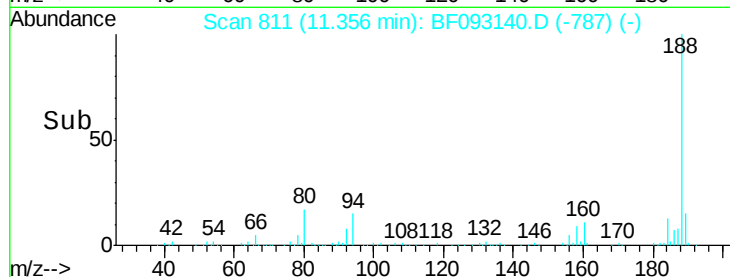
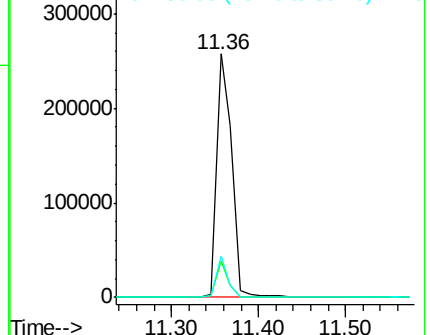
80 17.2 11.2 16.8#



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



#66

4-Bromophenyl-phenylether

Concen: 2.80 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093140.D

Acq: 24 Feb 2017 9:44

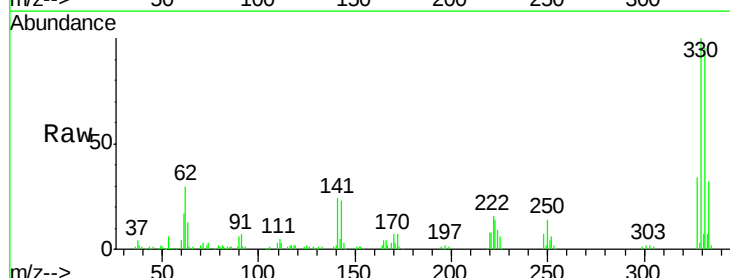
Tgt Ion:248 Resp: 9232

Ion Ratio Lower Upper

248 100

250 203.3 76.9 115.3#

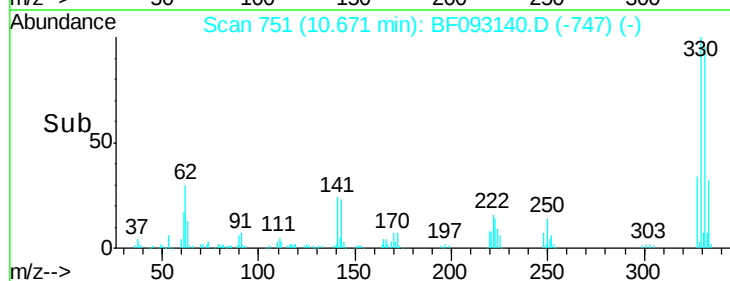
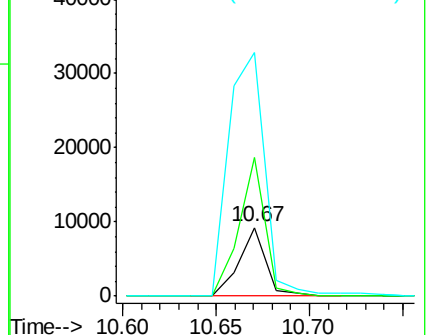
141 356.4 68.2 102.4#

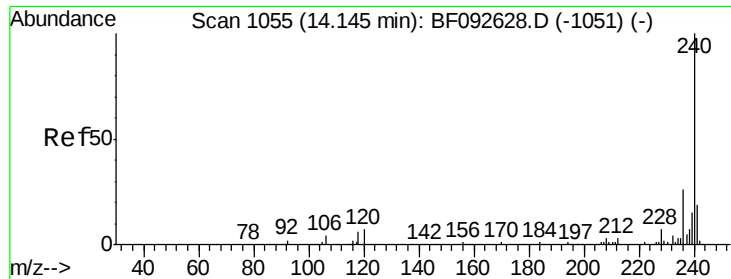


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

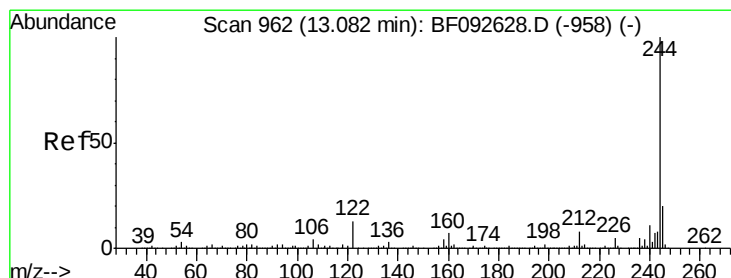
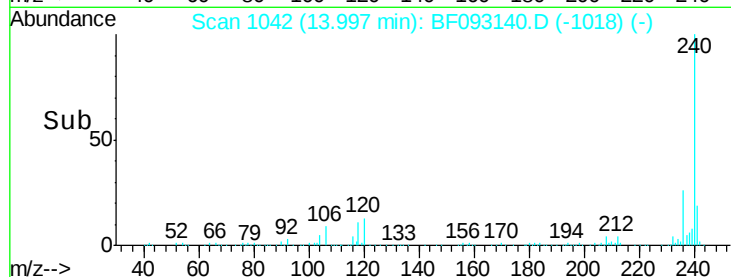
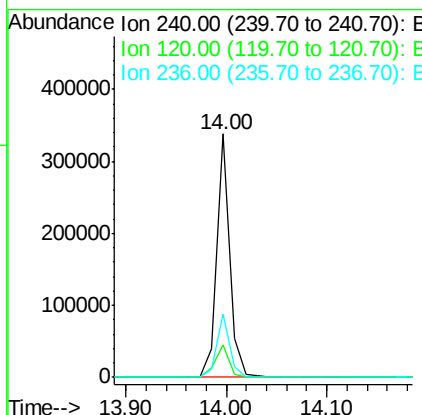
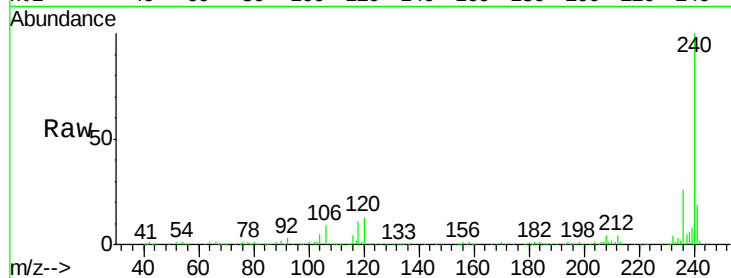




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

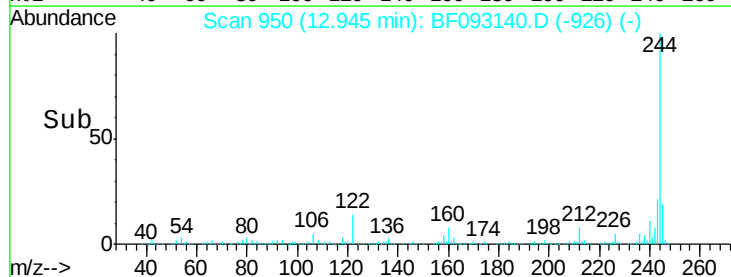
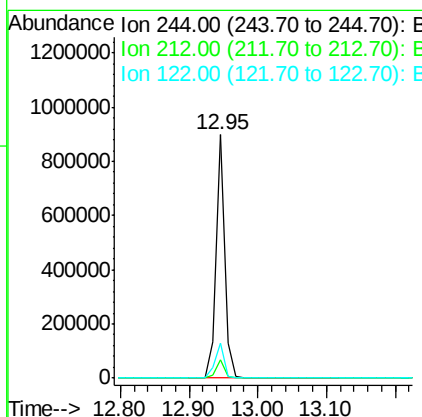
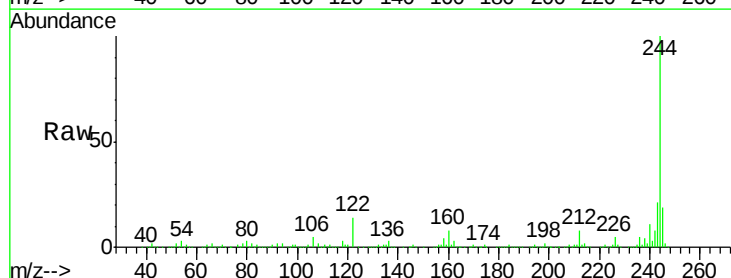
Instrument :
BNA_F
ClientSampleId :

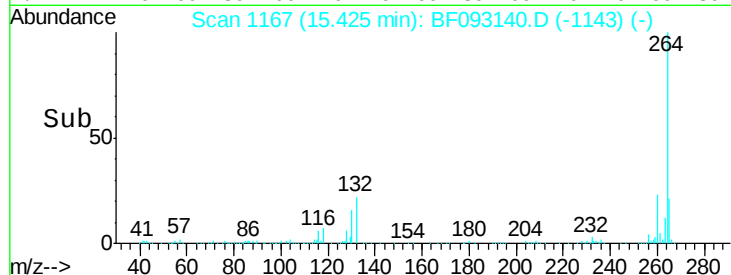
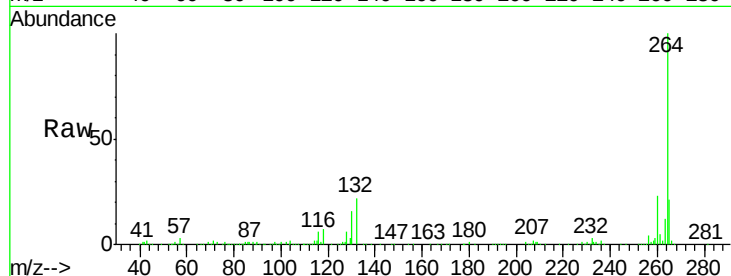
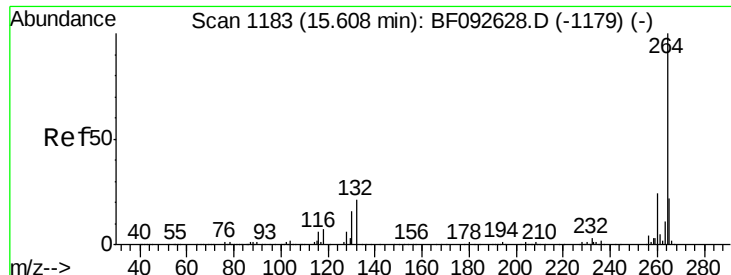
Tot Ion:240 Resp: 304348
Ion Ratio Lower Upper
240 100
120 13.3 12.9 19.3
236 26.0 20.9 31.3



#78
Terphenyl-d14
Concen: 62.20 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093140.D
Acq: 24 Feb 2017 9:44

Tgt Ion:244 Resp: 805662
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 14.2 11.4 17.2





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093140.D
 Acq: 24 Feb 2017 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	261990
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.4	26.0

