

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088087.D
 Acq On : 16 Jun 2016 20:47
 Operator : UM/SJ
 Sample : H3571-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Quant Time: Jun 17 04:07:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128970	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	488008	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	220391	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	406210	20.00	ng	0.00
75) Chrysene-d12	13.86	240	263643	20.00	ng	0.00
86) Perylene-d12	15.25	264	244999	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	669341	88.72	ng	0.01
7) Phenol-d6	6.36	99	790750	86.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	586597	70.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	193668	83.22	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	860431	59.68	ng	0.00
78) Terphenyl-d14	12.81	244	617529	53.30	ng	-0.01

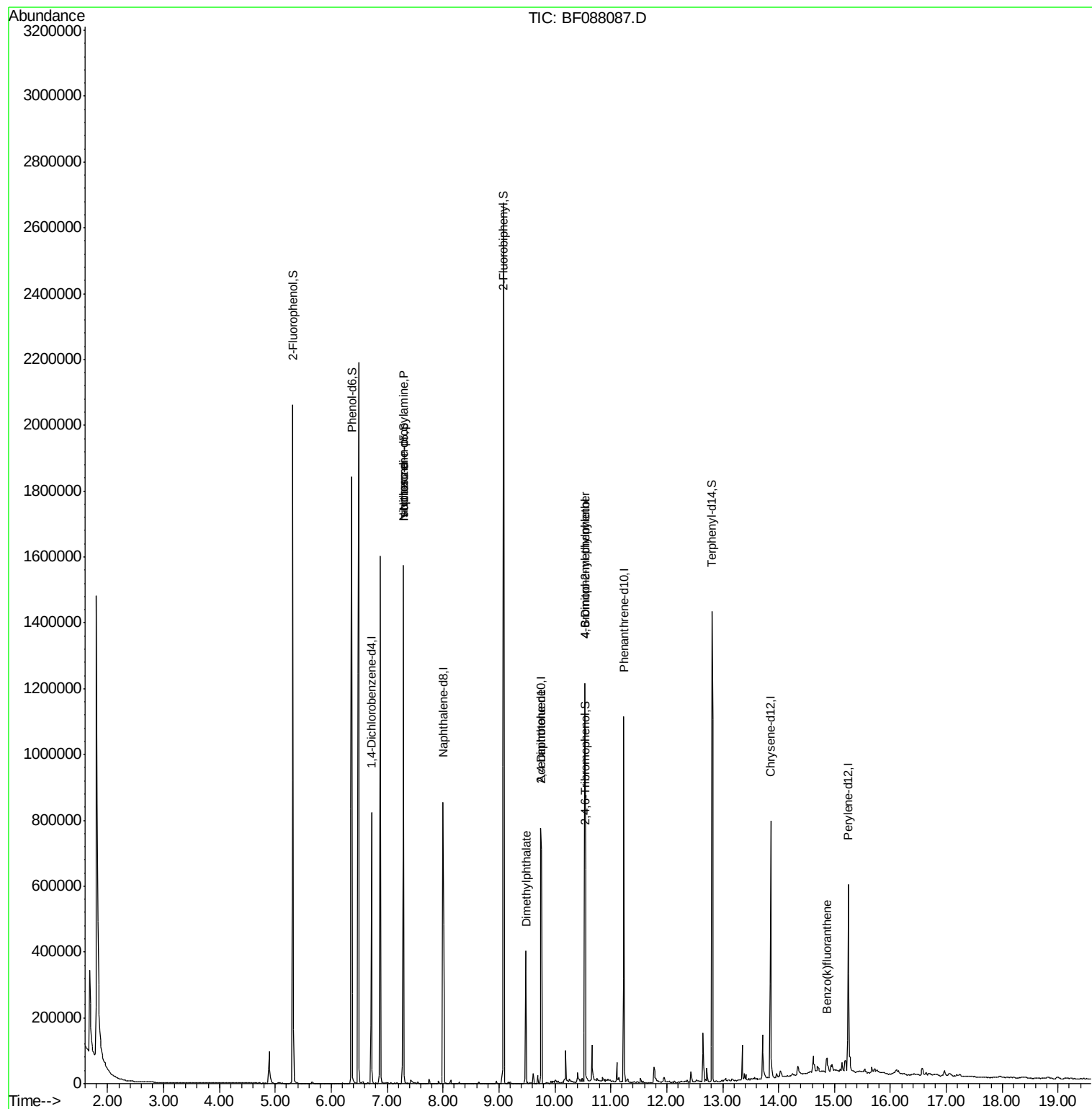
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	10211	Below Cal	#	71
19) n-Nitroso-di-n-propylamine	7.29	70	76062	13.00	ng	70
25) Isophorone	7.29	82	574054	37.08	ng	65
45) 1,1'-Biphenyl	9.08	154	1892	Below Cal	#	1
49) Dimethylphthalate	9.48	163	257597	16.14	ng	98
56) 2,4-Dinitrotoluene	9.75	165	28753	6.12	ng	37
57) Fluorene	10.20	166	296	Below Cal	#	49
64) 4,6-Dinitro-2-methylphenol	10.54	198	301	2.28	ng	1
66) 4-Bromophenyl-phenylether	10.54	248	11729	2.69	ng	1
88) Benzo(k)fluoranthene	14.87	252	29157	2.26	ng	95

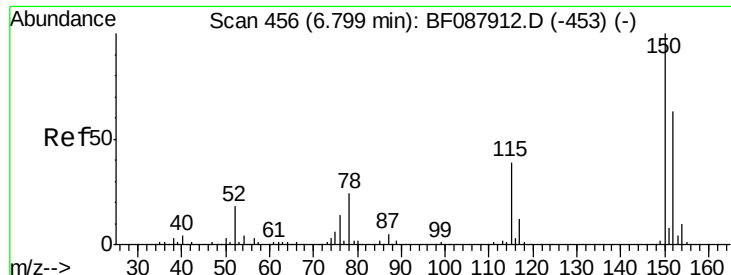
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

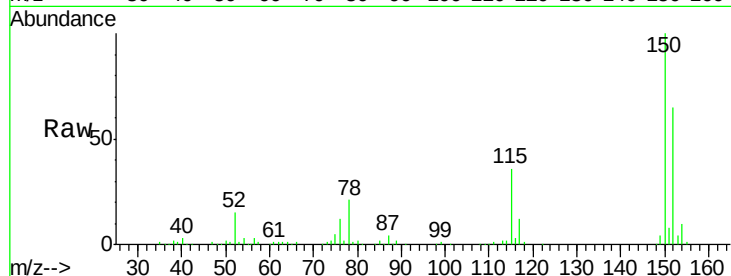
Tgt Ion:152 Resp: 128970

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

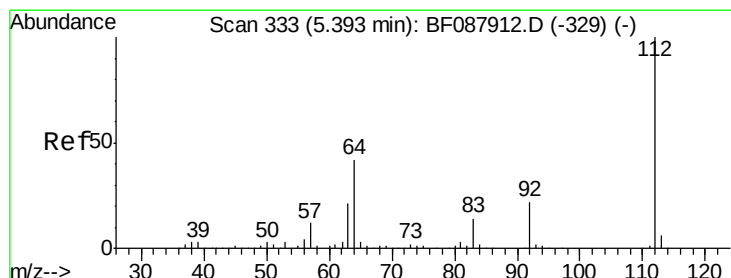
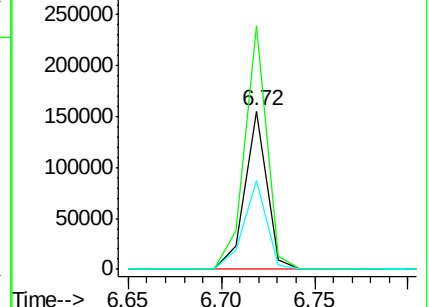
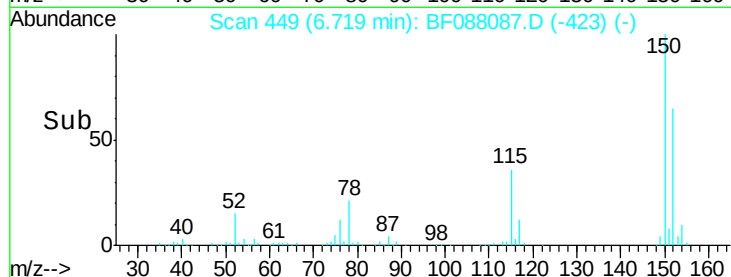
115 55.8 39.6 59.4



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: 88.72 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

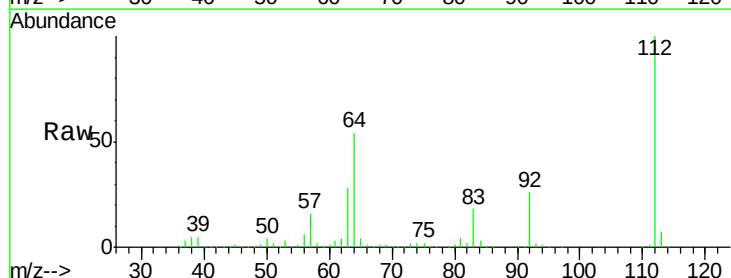
Tgt Ion:112 Resp: 669341

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

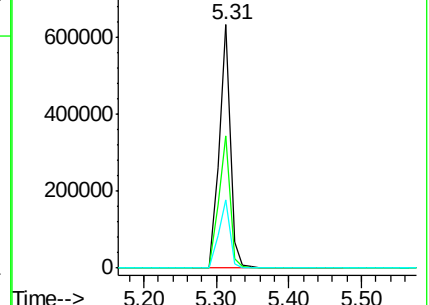
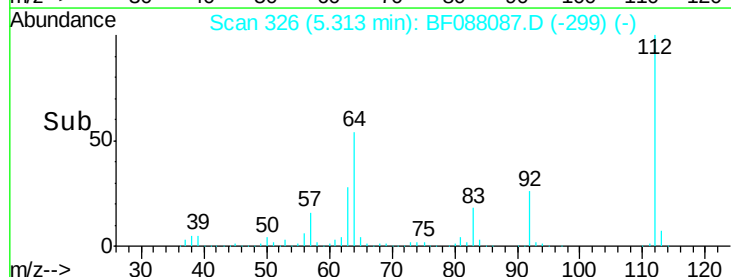
63 27.8 21.8 32.8

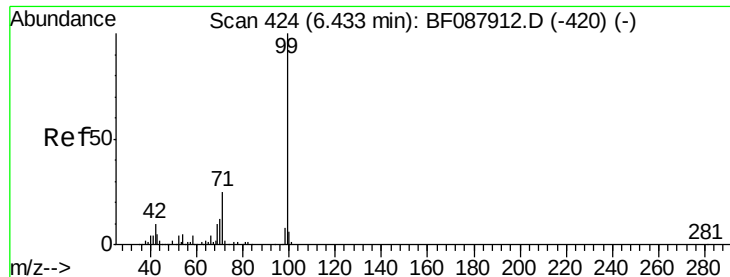


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.49 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

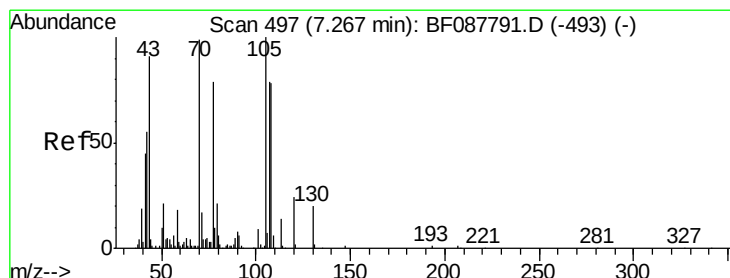
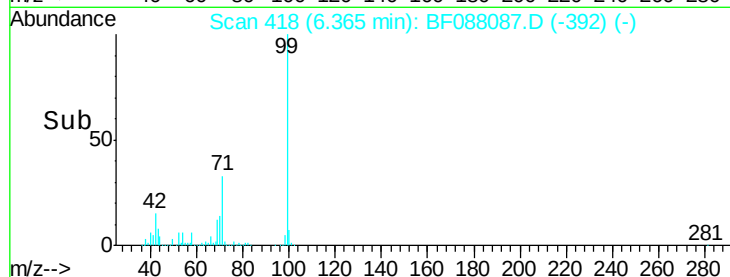
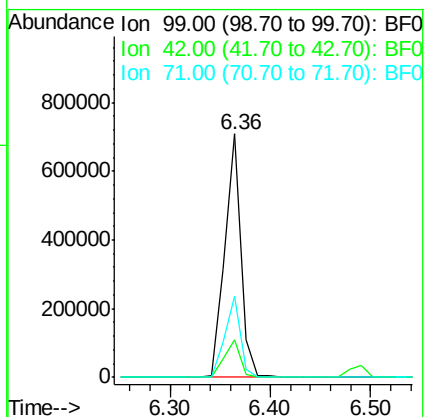
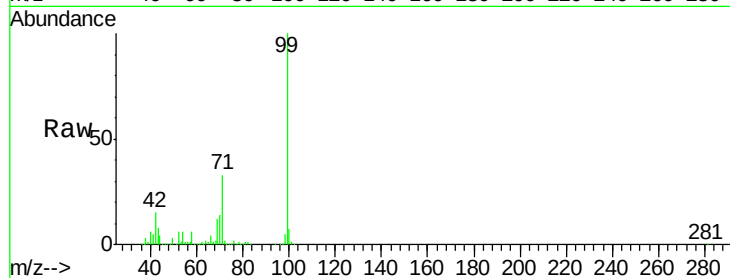
Tgt Ion: 99 Resp: 790750

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 33.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.00 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.14 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Tgt Ion: 70 Resp: 76062

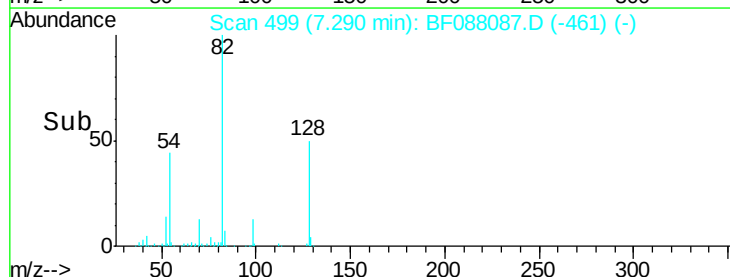
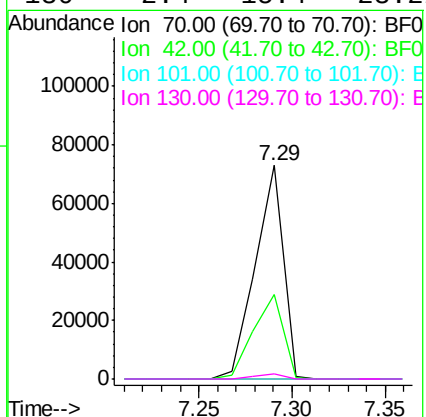
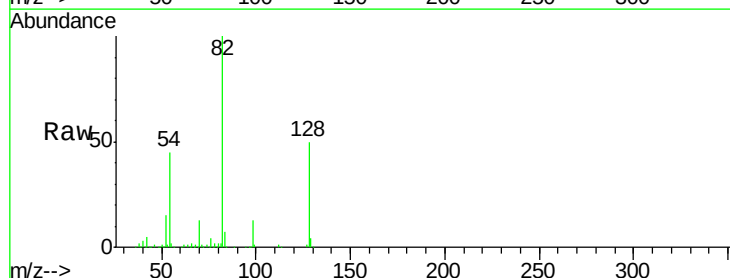
Ion Ratio Lower Upper

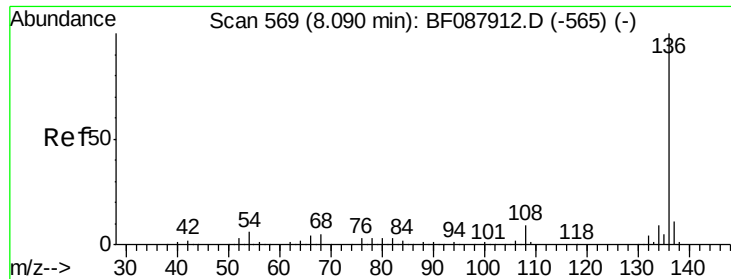
70 100

42 39.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

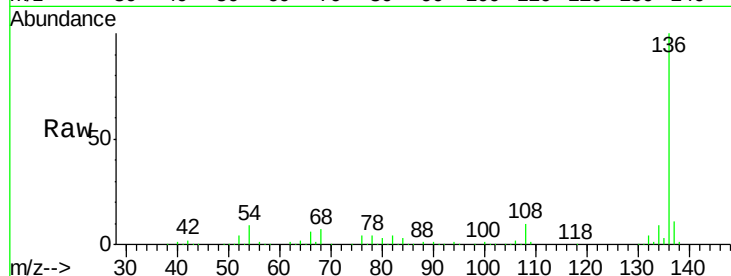




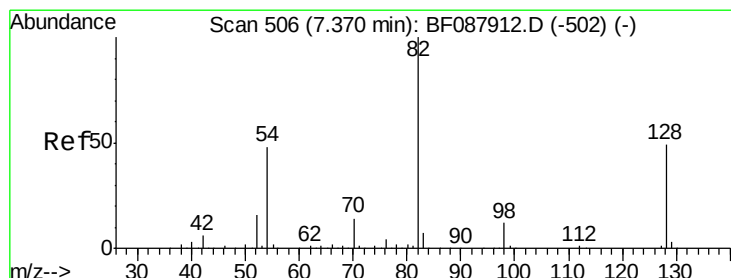
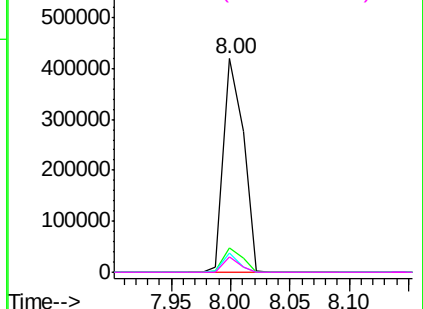
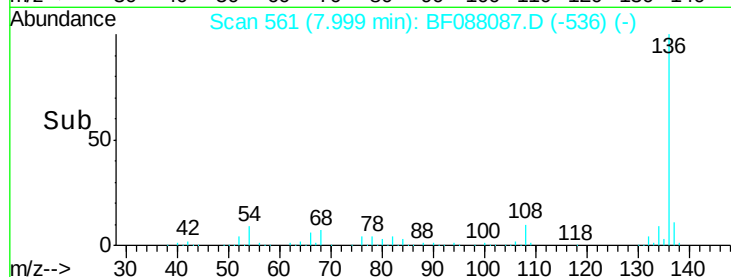
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion:	136	Resp:	488008
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.8	6.6	10.0
68	7.2	5.1	7.7

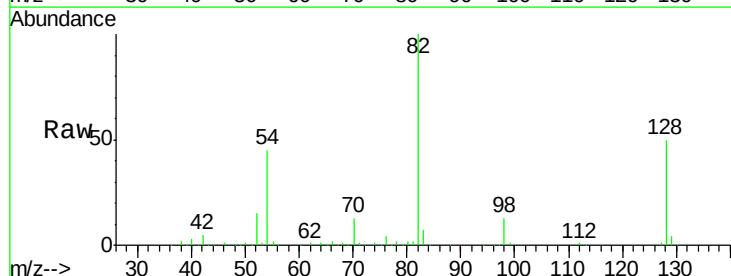


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

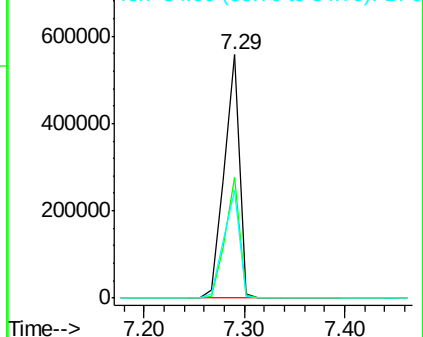
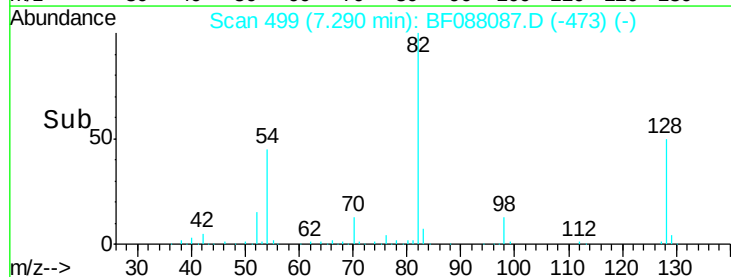


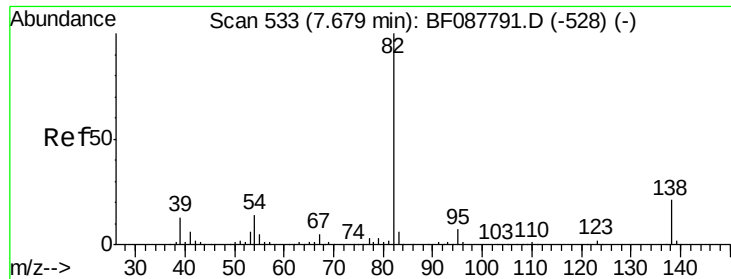
#23
Nitrobenzene-d5
Concen: 70.19 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

Tgt Ion:	82	Resp:	586597
Ion	Ratio	Lower	Upper
82	100		
128	49.6	35.9	53.9
54	44.5	40.9	61.3



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: 37.08 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.26 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

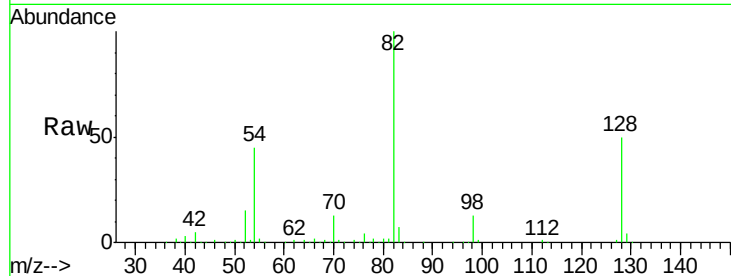
Tgt Ion: 82 Resp: 574054

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

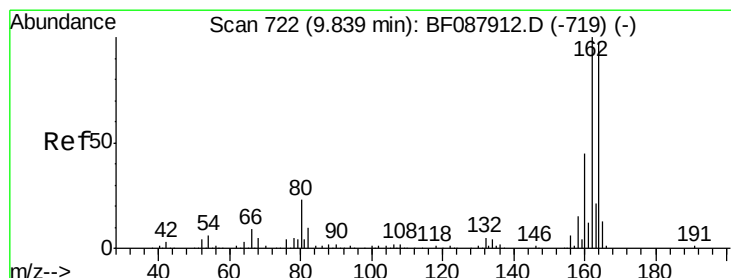
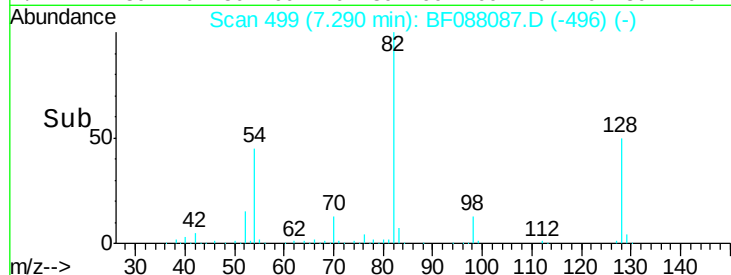
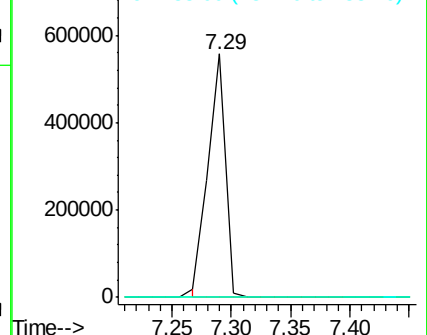
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

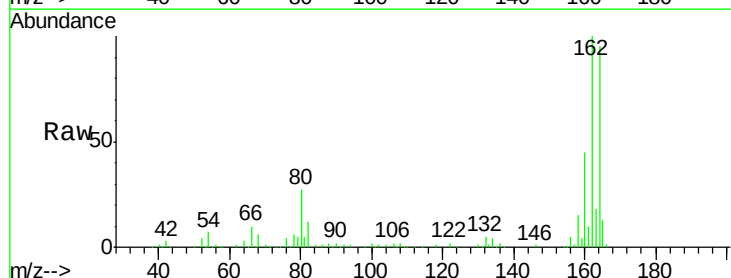
Tgt Ion: 164 Resp: 220391

Ion Ratio Lower Upper

164 100

162 105.1 85.4 128.2

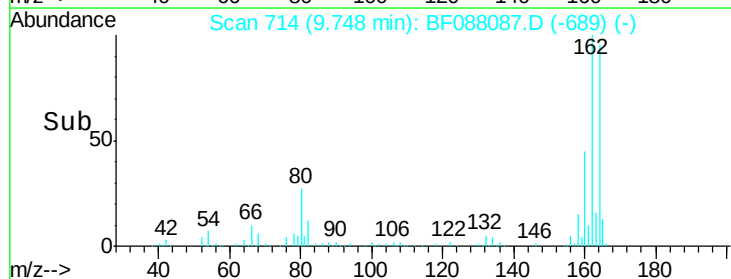
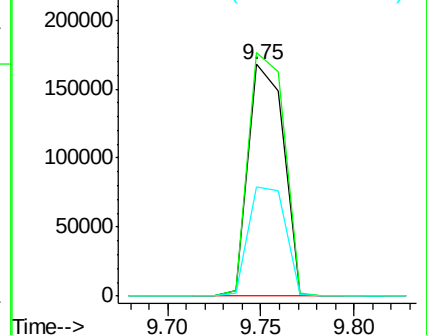
160 47.1 39.5 59.3

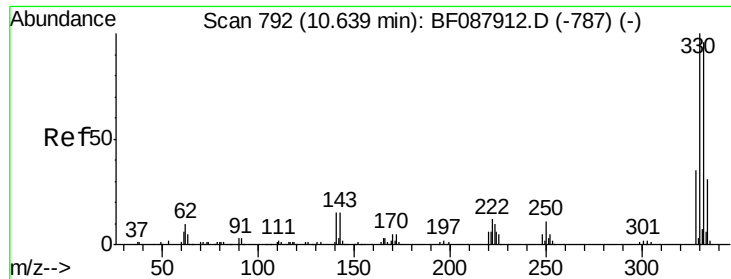


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

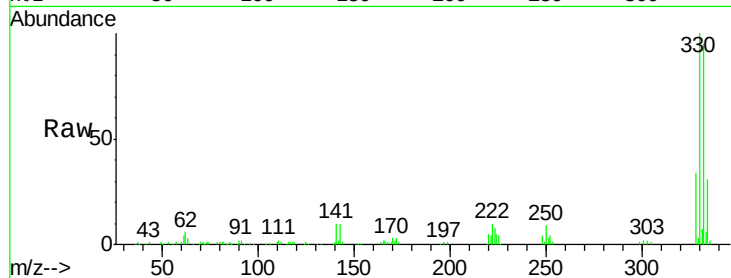




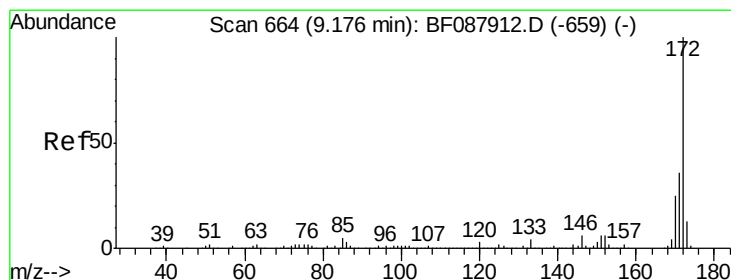
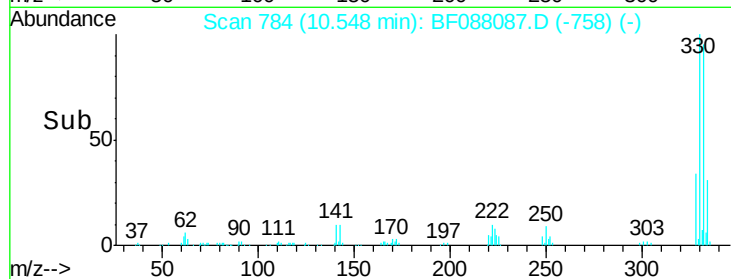
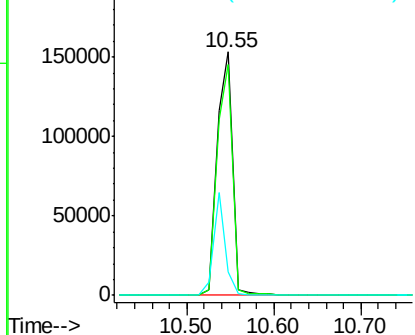
#41
 2,4,6-Tribromophenol
 Concen: 83.22 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	32.0	0.0	0.0#

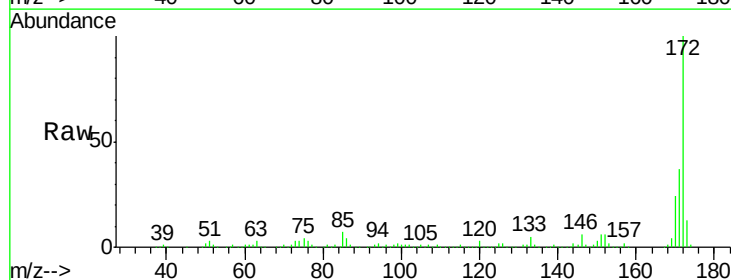


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

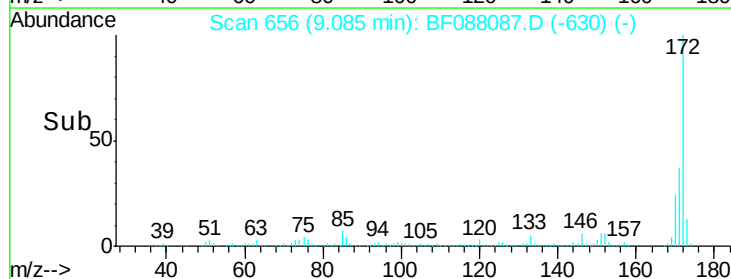
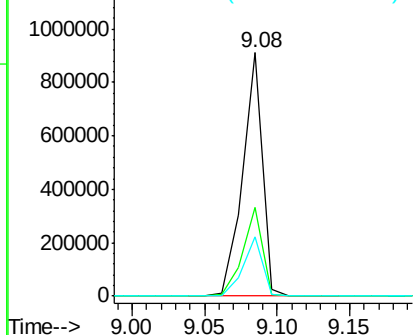


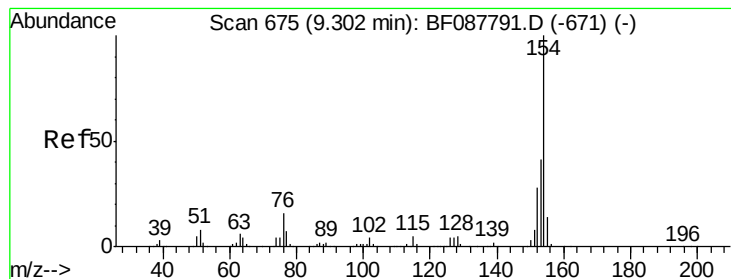
#44
 2-Fluorobiphenyl
 Concen: 59.68 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.08 min Scan# 656

Delta R.T. -0.10 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

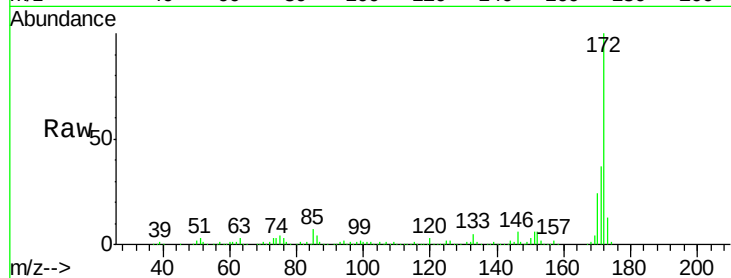
Tgt Ion:154 Resp: 1892

Ion Ratio Lower Upper

154 100

153 883.8 20.6 60.6#

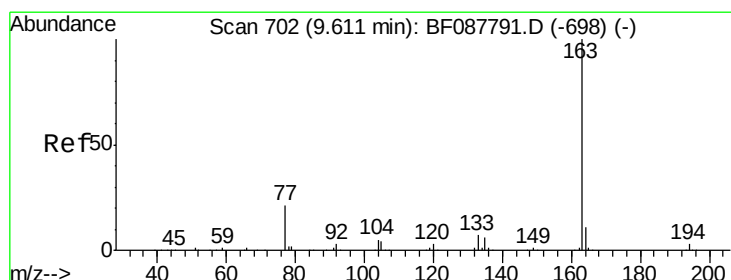
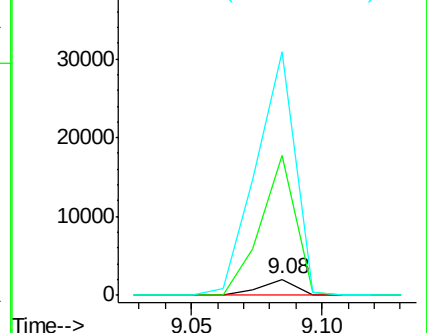
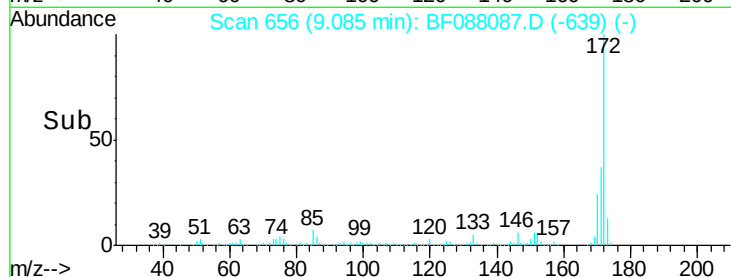
76 1532.9 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 16.14 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

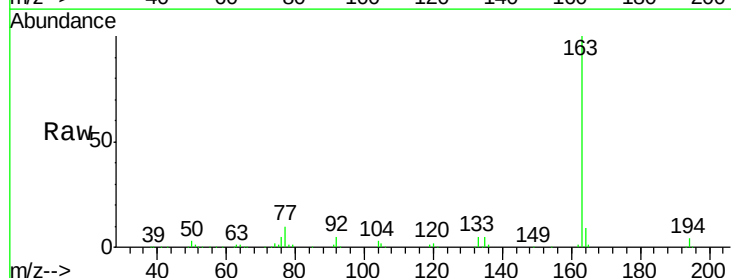
Tgt Ion:163 Resp: 257597

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

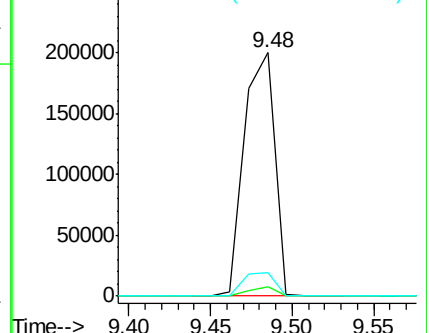
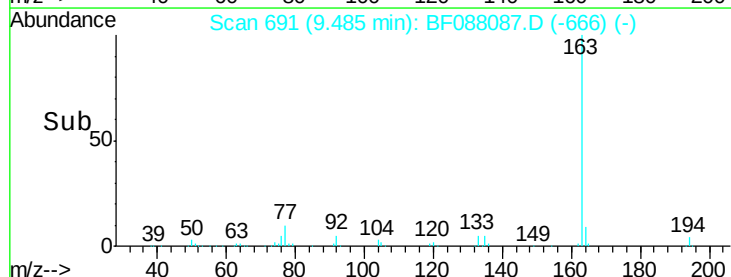
164 9.5 8.3 12.5

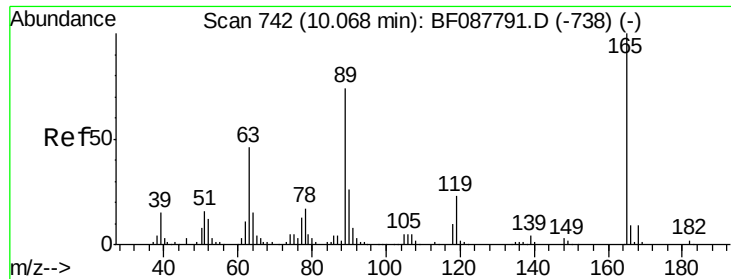


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.21 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

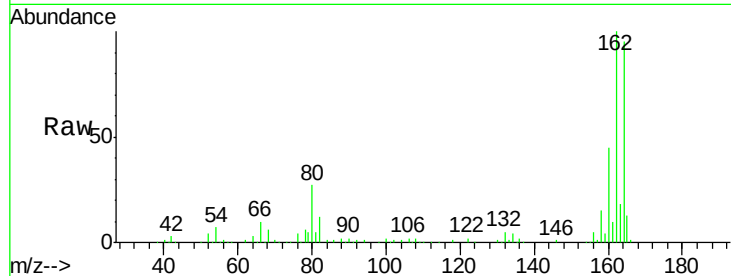
Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

Tgt Ion:	165	Resp:	28753
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

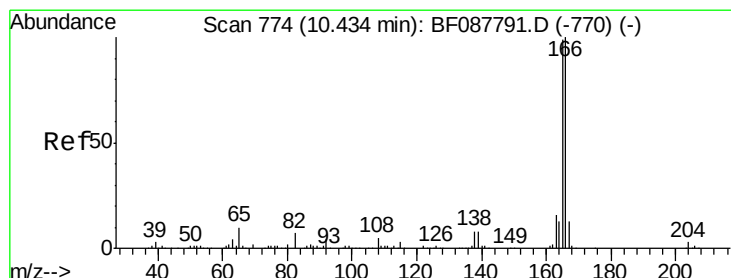
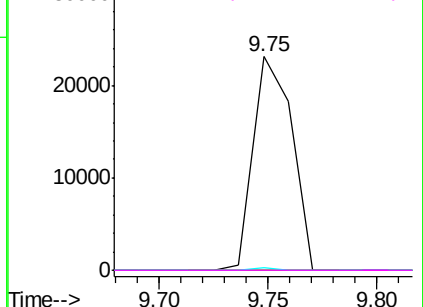
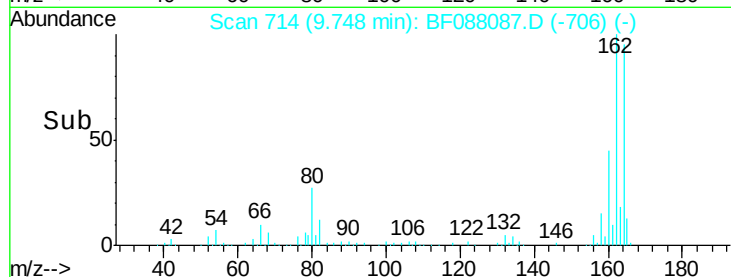


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: Below Cal

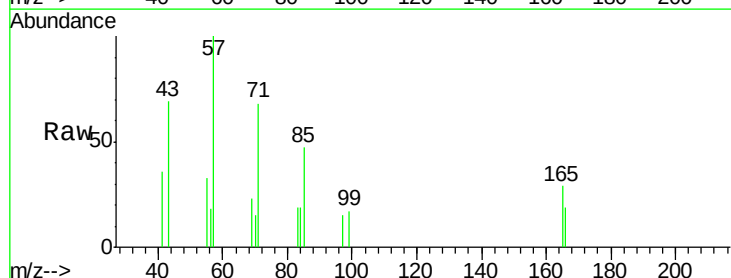
RT: 10.20 min Scan# 754

Delta R.T. -0.10 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

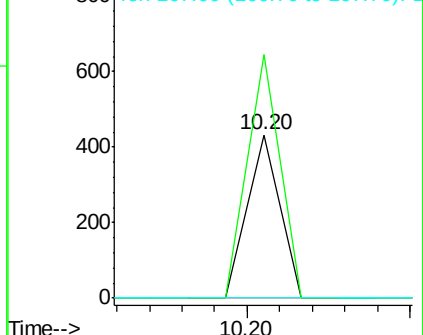
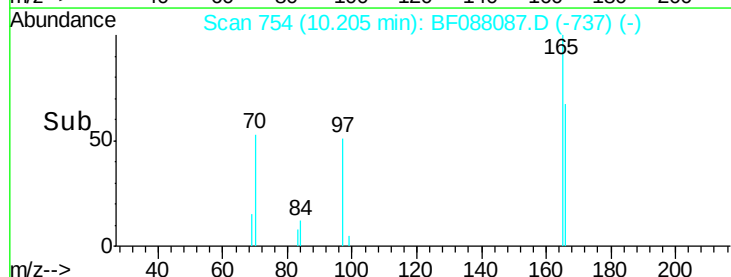
Tgt Ion:	166	Resp:	296
Ion Ratio	Lower	Upper	
166	100		
165	149.3	77.8	116.8#
167	0.0	11.2	16.8#

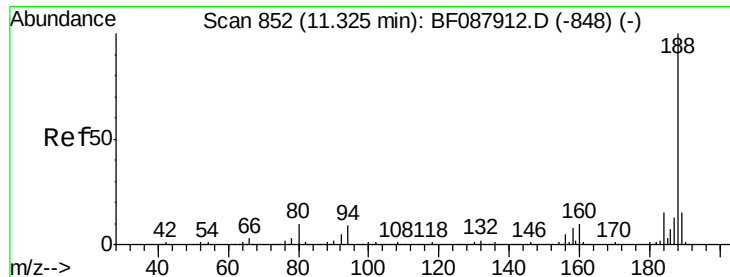


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

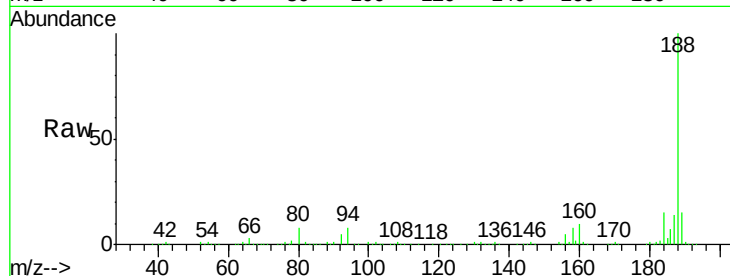




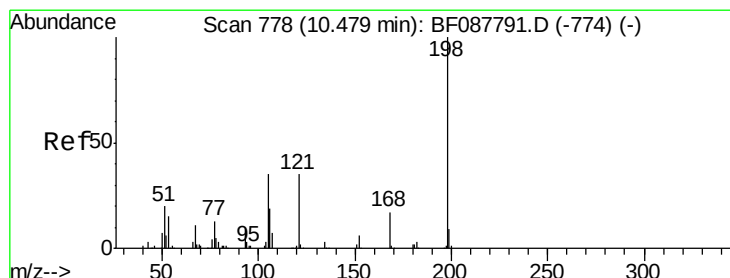
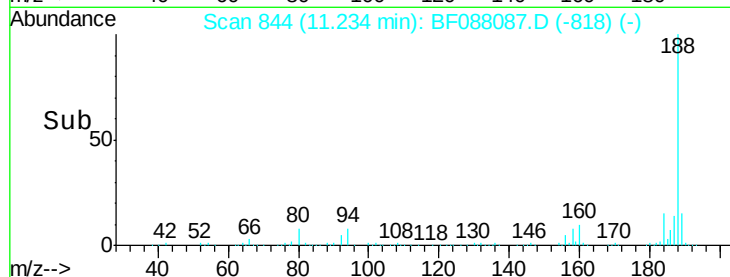
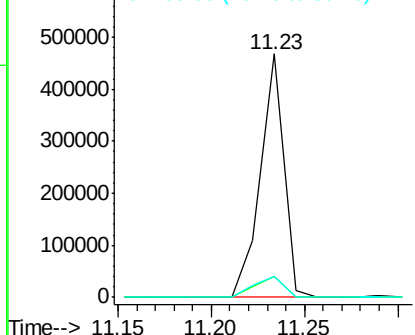
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tgt Ion:188 Resp: 406210
 Ion Ratio Lower Upper
 188 100
 94 8.3 9.0 13.6#
 80 8.5 10.0 15.0#

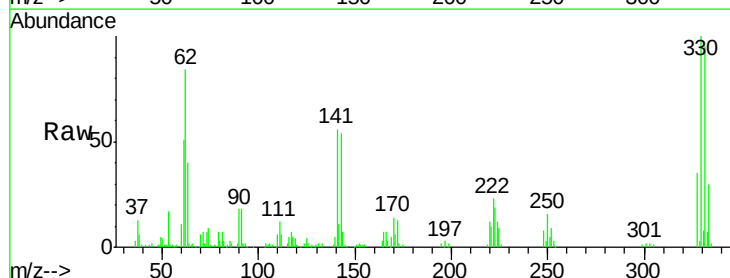


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

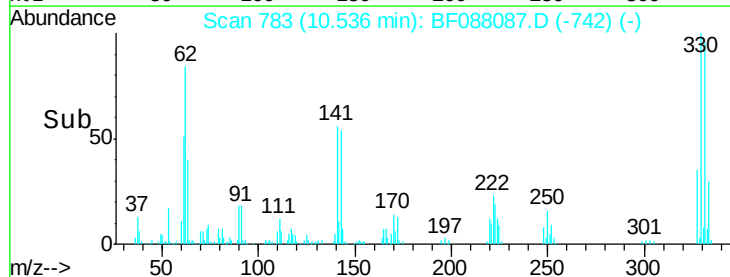
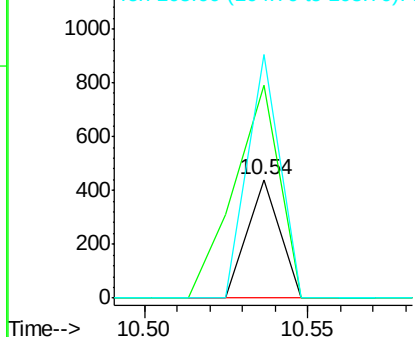


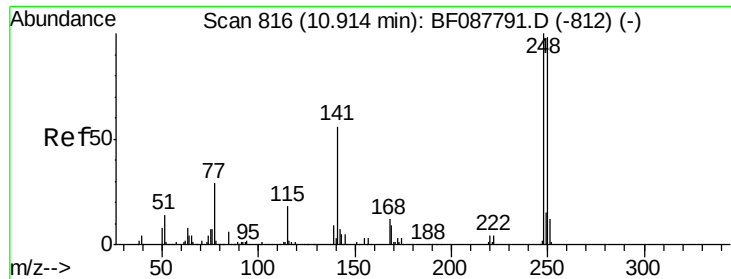
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.28 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.17 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Tgt Ion:198 Resp: 301
 Ion Ratio Lower Upper
 198 100
 51 180.4 39.6 79.6#
 105 205.9 36.6 76.6#



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

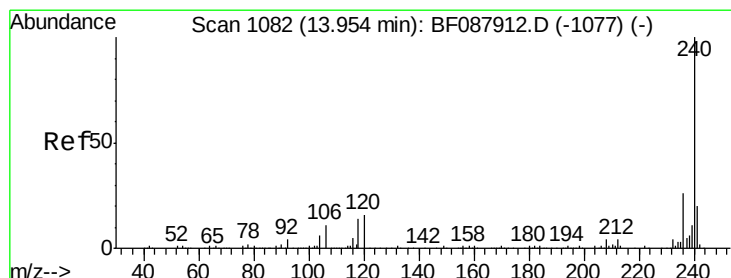
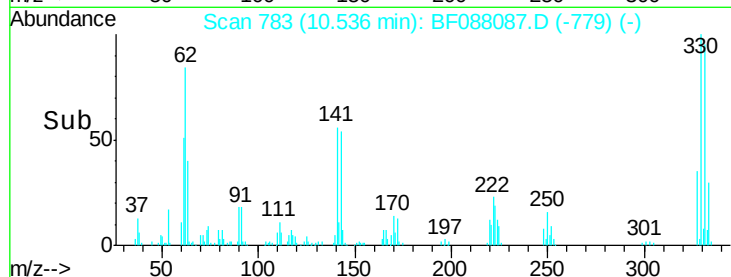
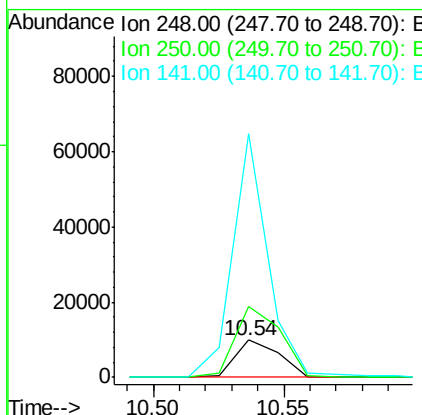
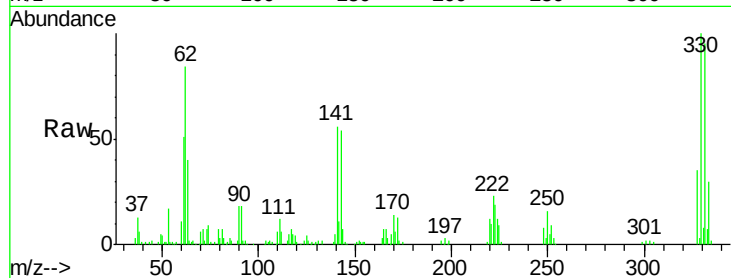




#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.25 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

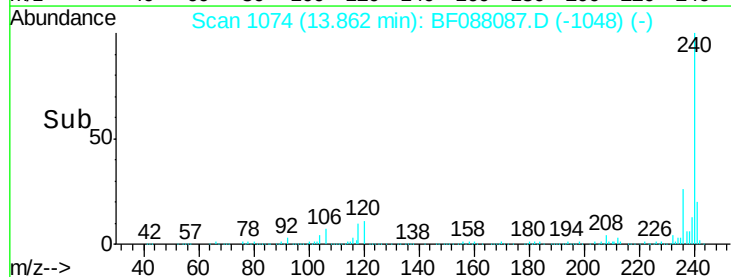
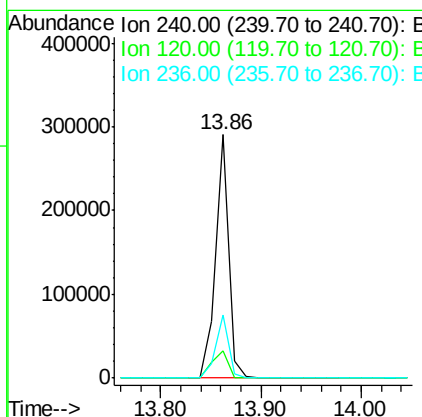
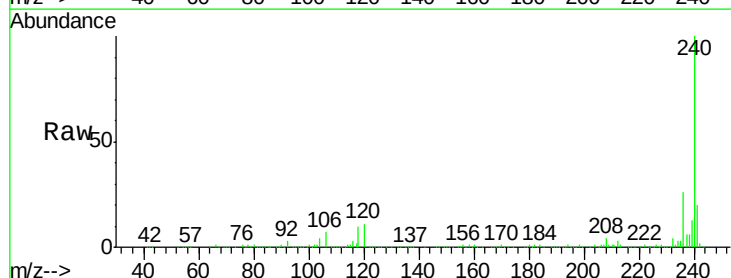
Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

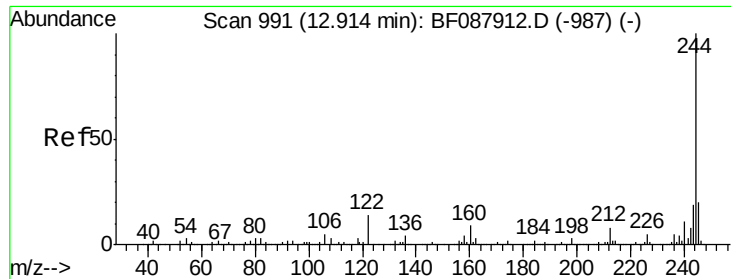
Tgt Ion:248 Resp: 11729
Ion Ratio Lower Upper
248 100
250 190.6 77.1 115.7#
141 656.1 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

Tgt Ion:240 Resp: 263643
Ion Ratio Lower Upper
240 100
120 11.3 6.8 10.2#
236 26.0 20.2 30.2

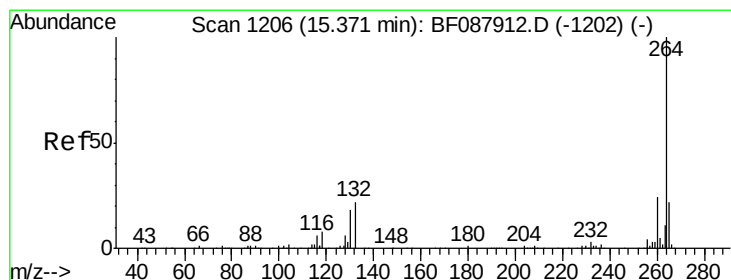
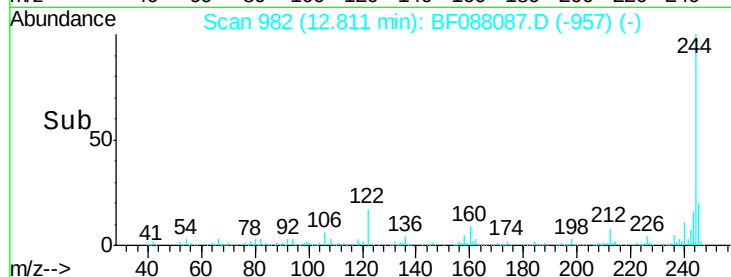
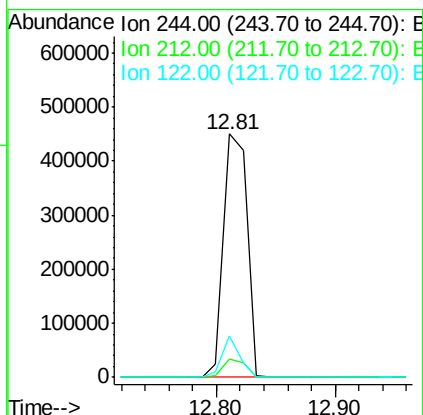
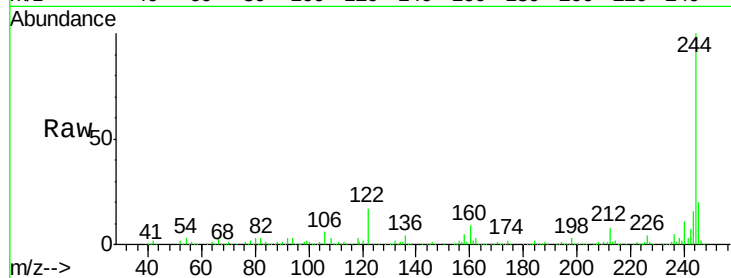




#78
 Terphenyl-d14
 Concen: 53.30 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

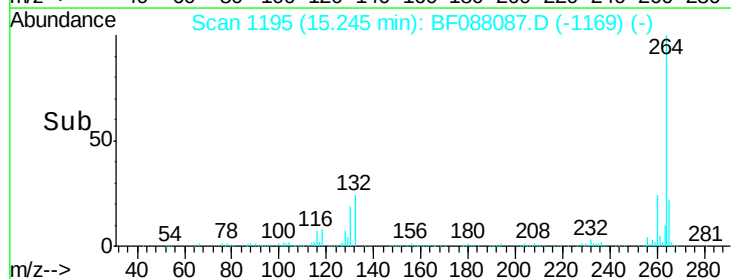
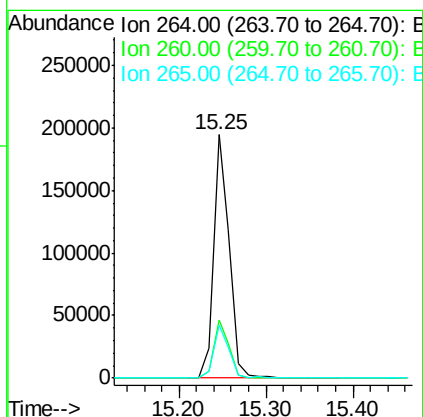
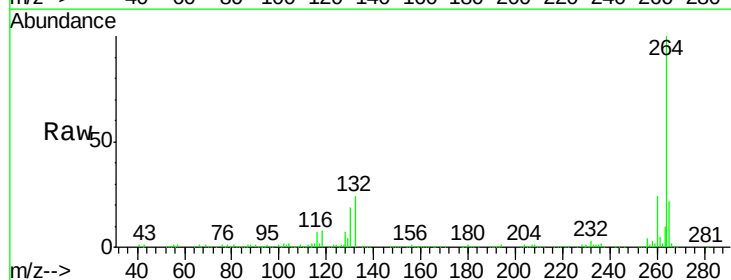
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

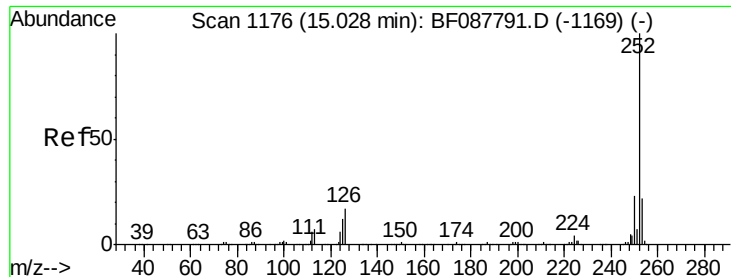
Tgt Ion: 244 Resp: 617529
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 16.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Tgt Ion: 264 Resp: 244999
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3





#88
 Benzo(k)fluoranthene
 Concen: 2.26 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tgt Ion:	252	Resp:	29157
Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	16.1	11.2	16.8

