

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088811.D
 Acq On : 8 Jul 2016 7:23
 Operator : UM/SJ
 Sample : H3897-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Jul 08 08:09:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

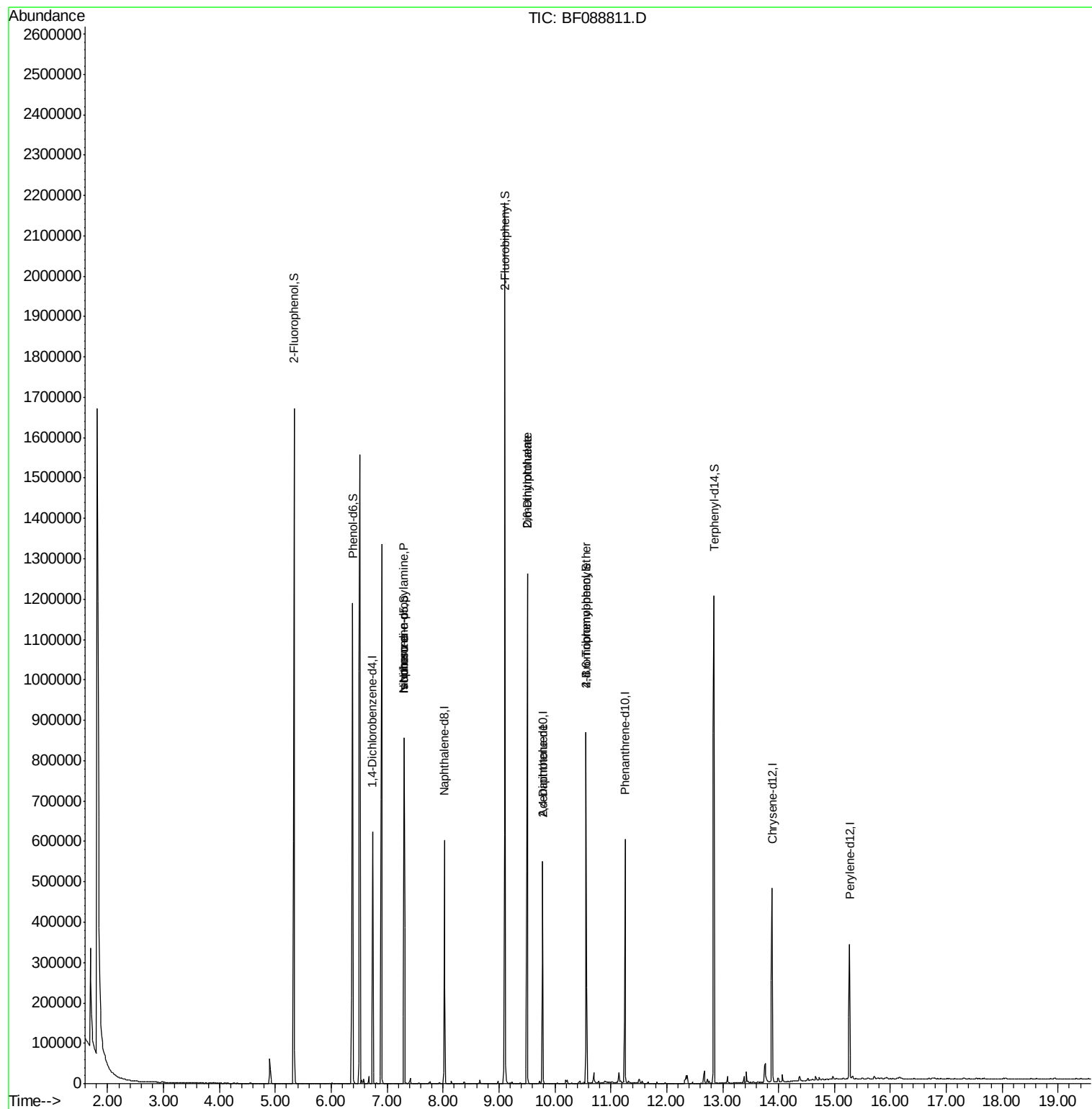
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	83733	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	297203	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	125584	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	210444	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	185477	20.00	ng	-0.03
86) Perylene-d12	15.27	264	142518	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	461789	82.65	ng	-0.03
7) Phenol-d6	6.39	99	666530	92.33	ng	-0.02
23) Nitrobenzene-d5	7.30	82	344838	60.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	96976	83.16	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	649752	81.72	ng	-0.03
78) Terphenyl-d14	12.85	244	482763	57.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	45480	9.38	ng	# 72
25) Isophorone	7.30	82	303319	28.87	ng	# 65
49) Dimethylphthalate	9.51	163	571884	63.92	ng	99
50) 2,6-Dinitrotoluene	9.51	165	6129	3.09	ng	# 3
56) 2,4-Dinitrotoluene	9.78	165	15771	6.08	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	6419	3.03	ng	# 1

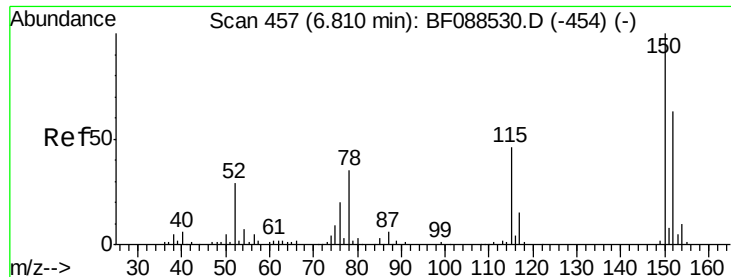
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

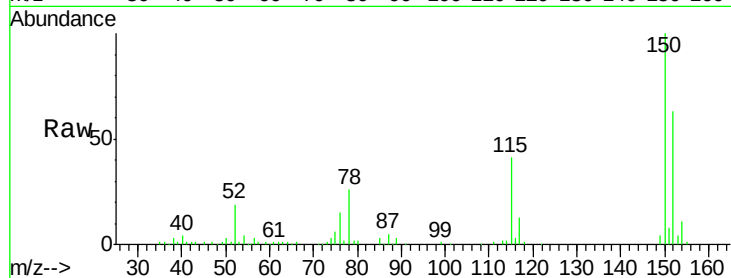
Tgt Ion:152 Resp: 83733

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

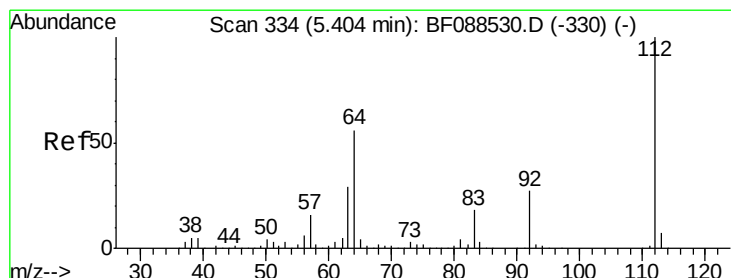
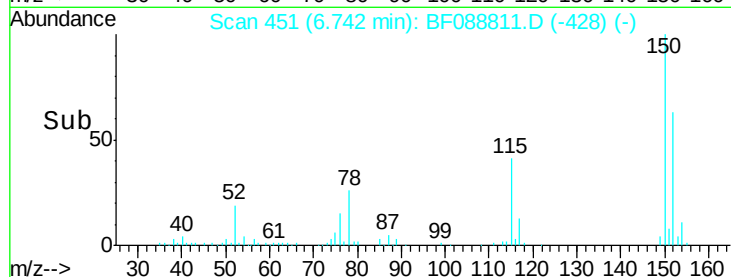
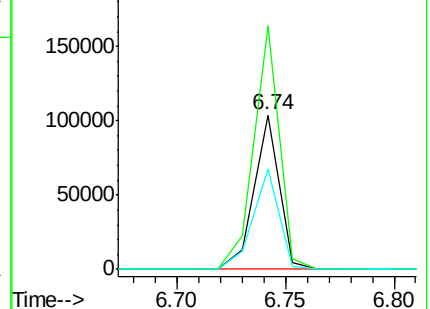
115 65.5 39.6 59.4#



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: 82.65 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

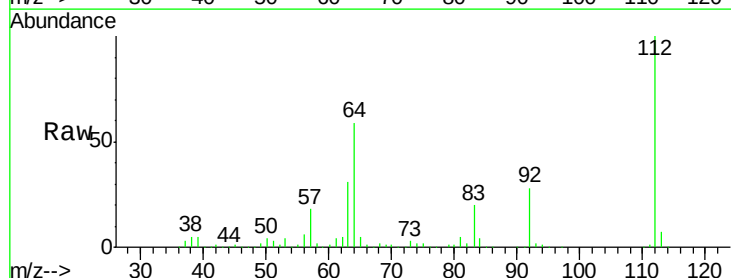
Tgt Ion:112 Resp: 461789

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

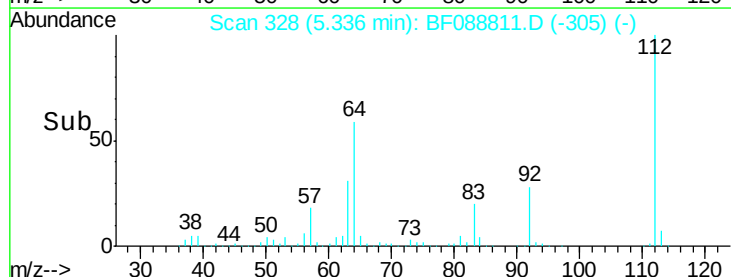
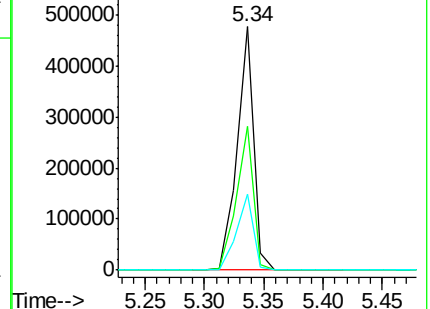
63 31.2 21.8 32.8

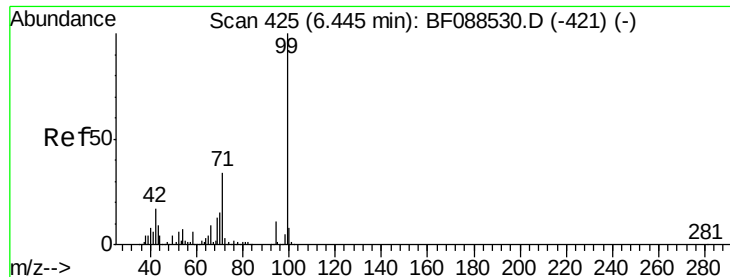


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.33 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

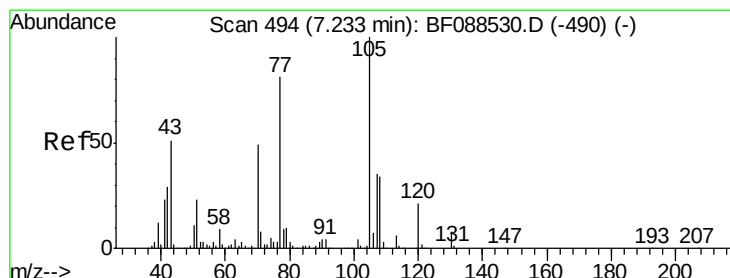
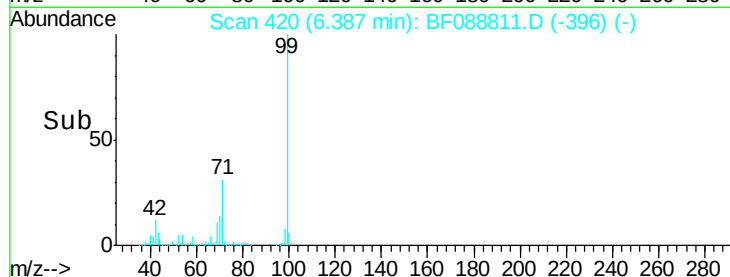
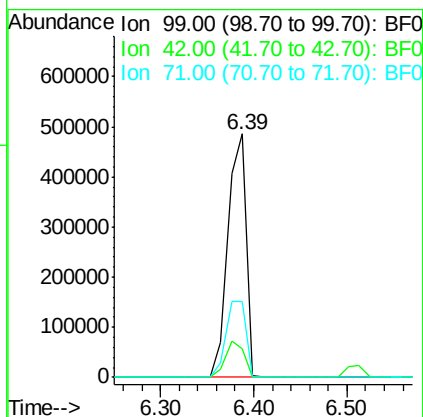
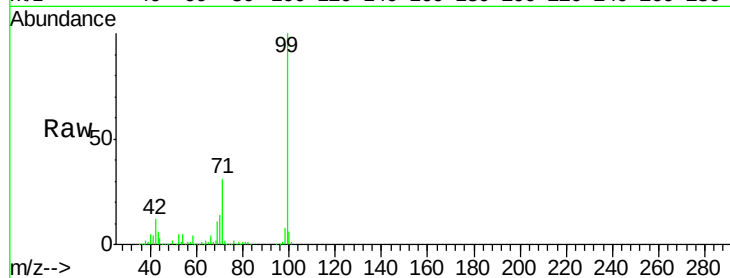
Tgt Ion: 99 Resp: 666530

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

71 31.3 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.38 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Tgt Ion: 70 Resp: 45480

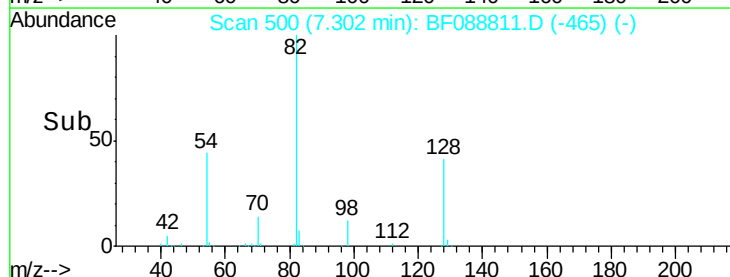
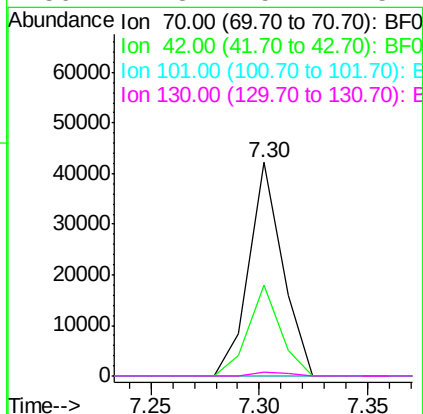
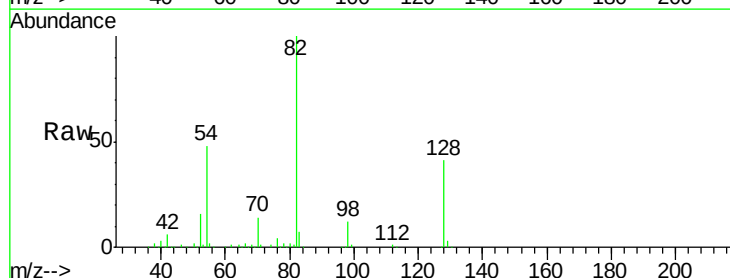
Ion Ratio Lower Upper

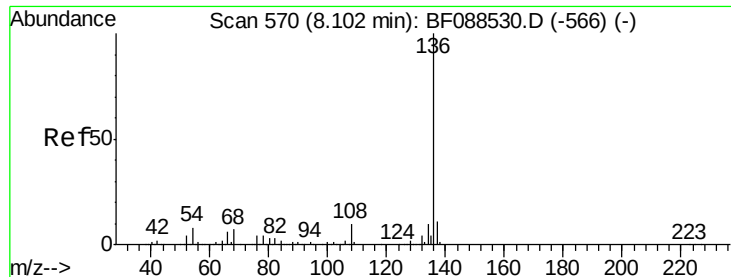
70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

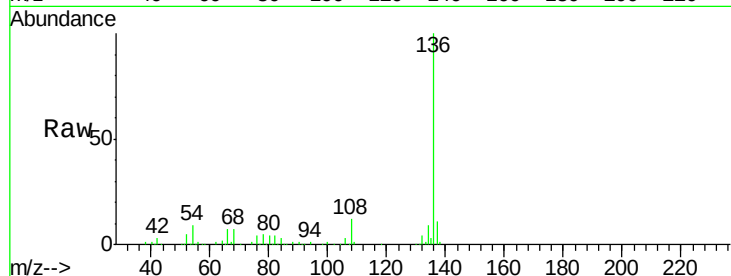




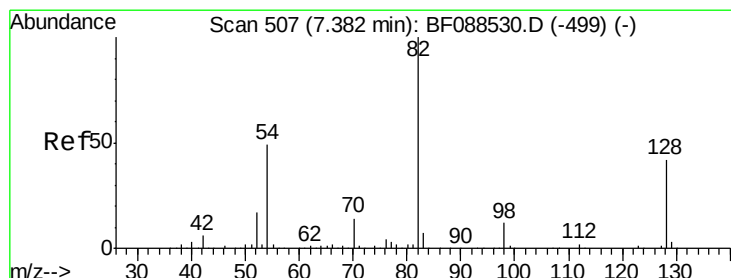
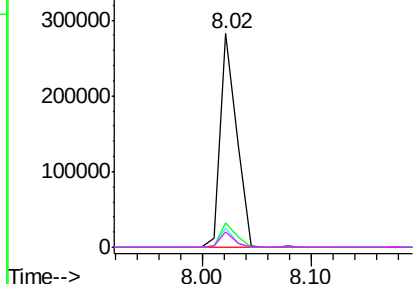
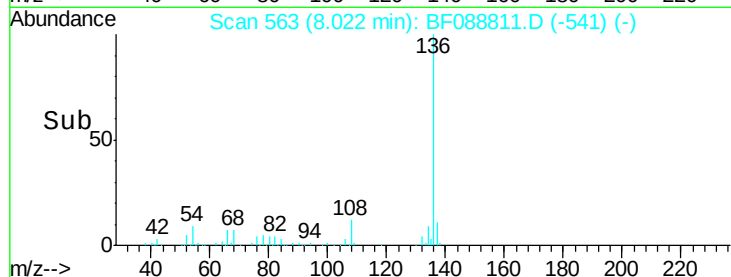
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088811.D
Acq: 8 Jul 2016 7:23

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:	136	Resp:	297203
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	6.6	10.0
68	7.3	5.1	7.7

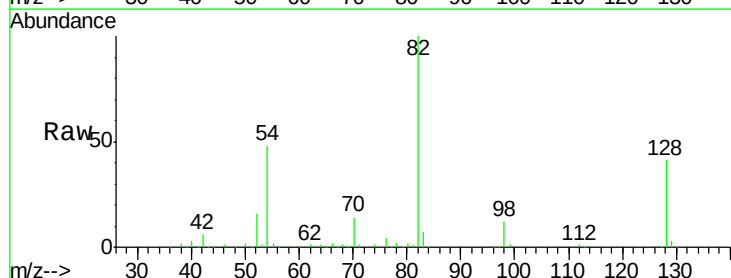


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

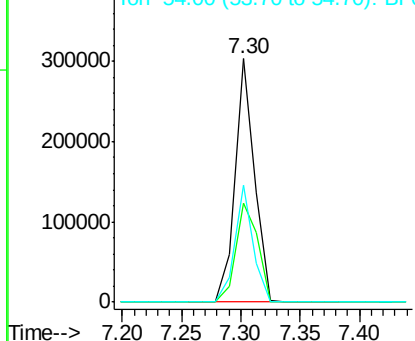
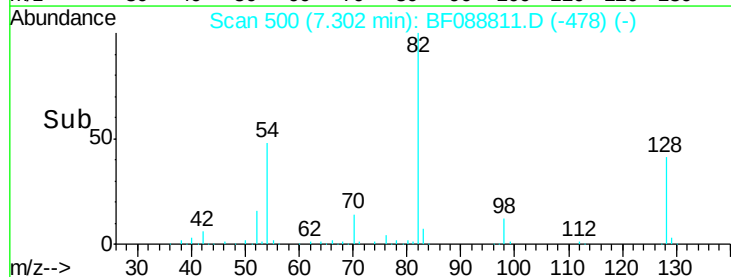


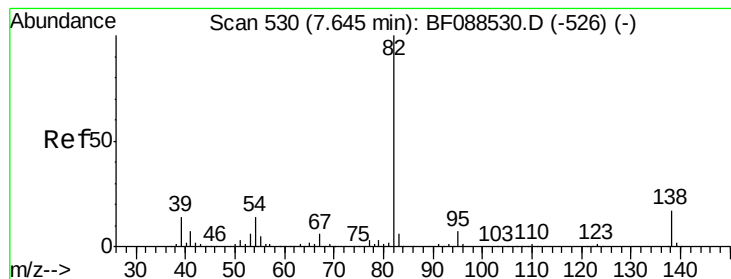
#23
Nitrobenzene-d5
Concen: 60.80 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF088811.D
Acq: 8 Jul 2016 7:23

Tgt Ion:	82	Resp:	344838
Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	48.2	40.9	61.3



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





#25

Isophorone

Concen: 28.87 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

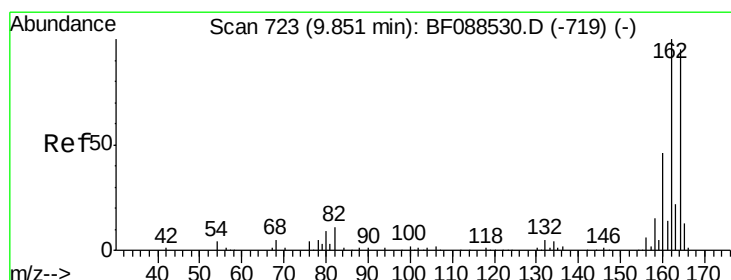
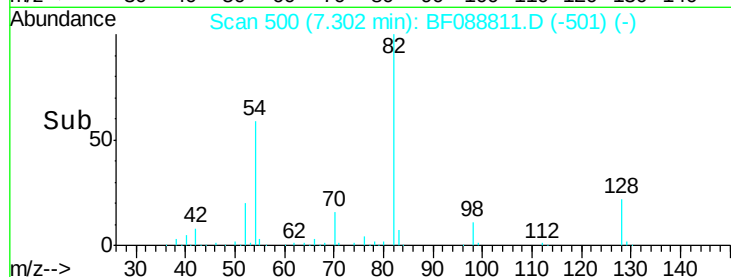
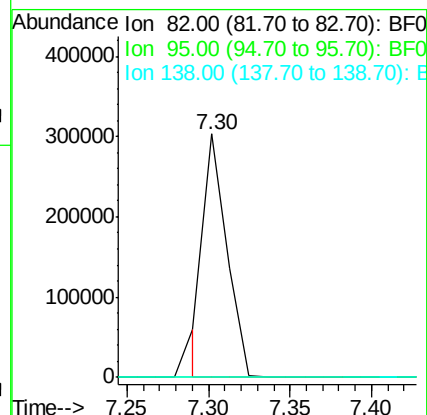
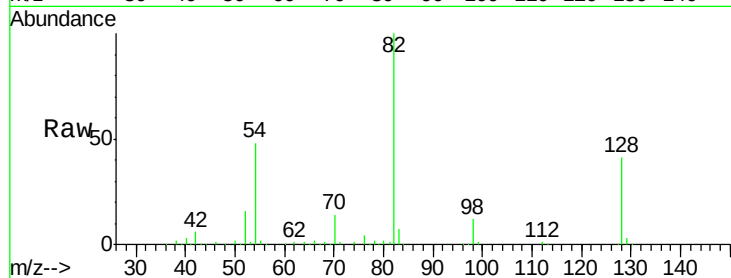
Tgt Ion: 82 Resp: 303319

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

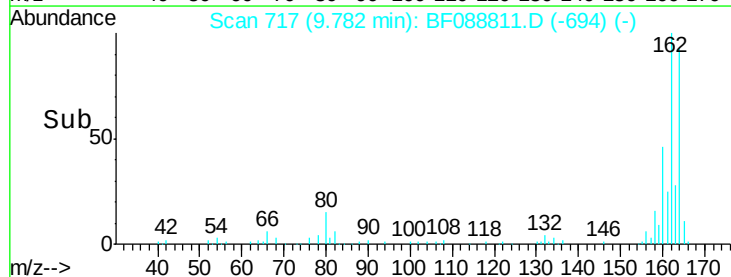
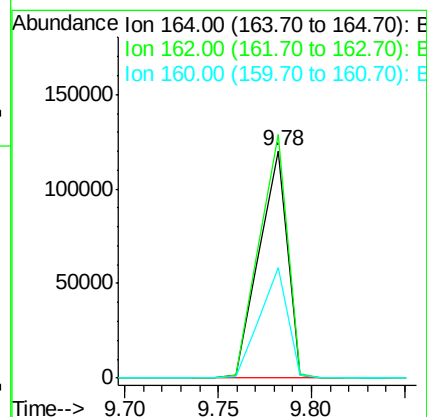
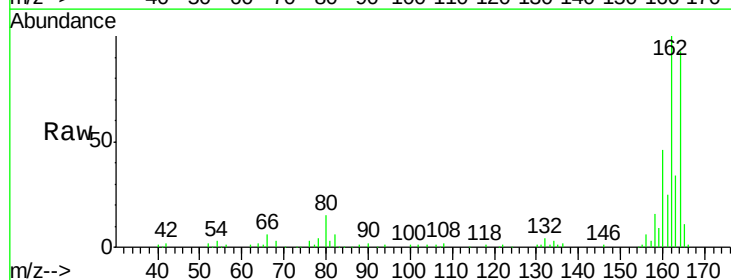
Tgt Ion: 164 Resp: 125584

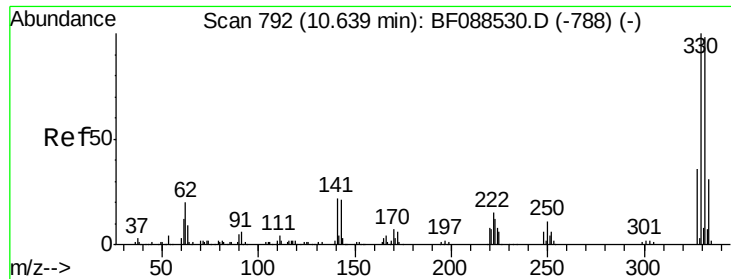
Ion Ratio Lower Upper

164 100

162 107.0 85.4 128.2

160 48.8 39.5 59.3

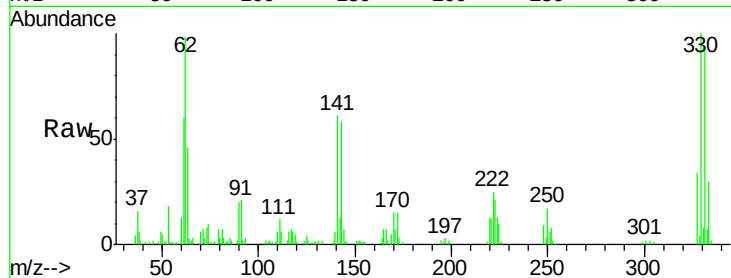




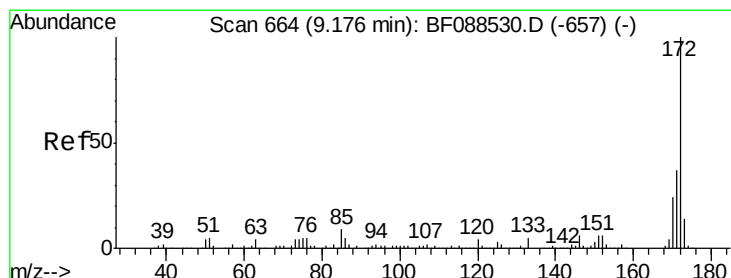
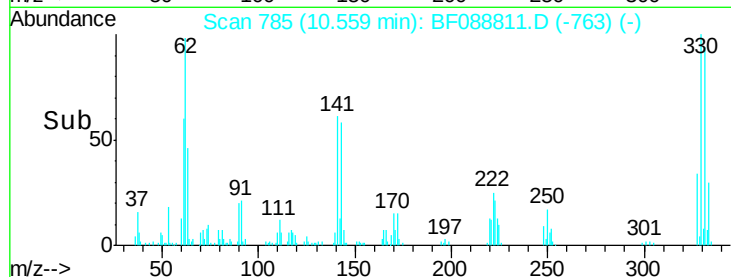
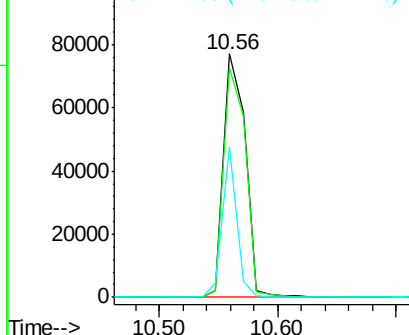
#41
 2,4,6-Tribromophenol
 Concen: 83.16 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion:330 Resp: 96976
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 40.8 0.0 0.0#

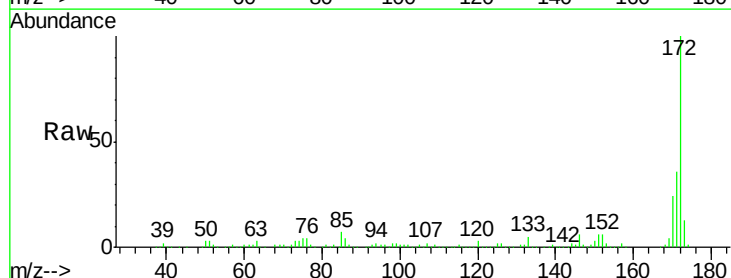


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

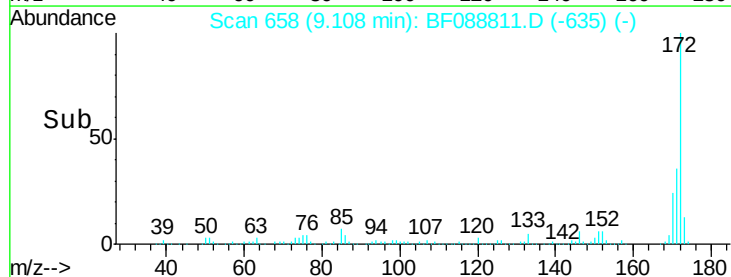
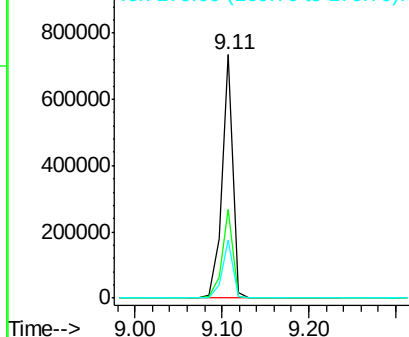


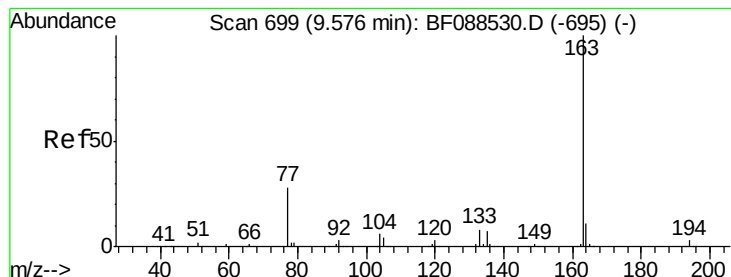
#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Tgt Ion:172 Resp: 649752
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.1 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





#49

Dimethylphthalate

Concen: 63.92 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

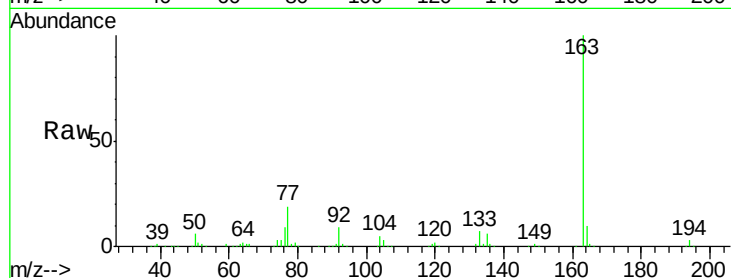
Tgt Ion:163 Resp: 571884

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

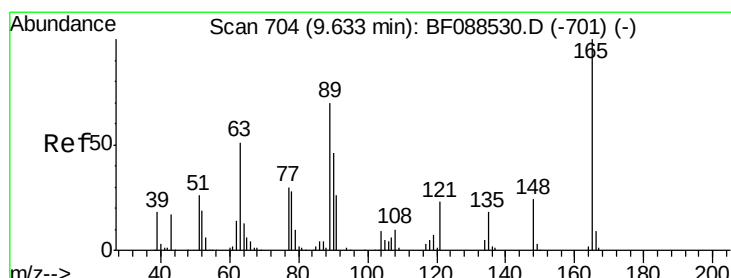
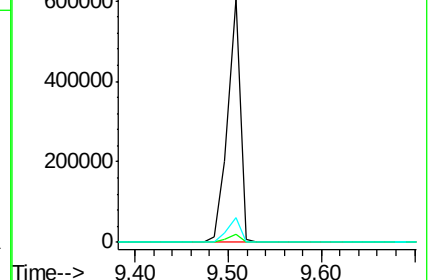
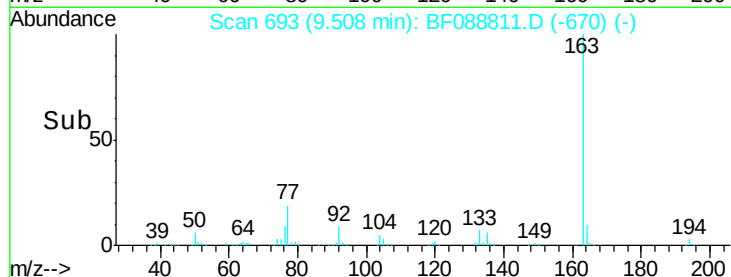
164 10.0 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 3.09 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

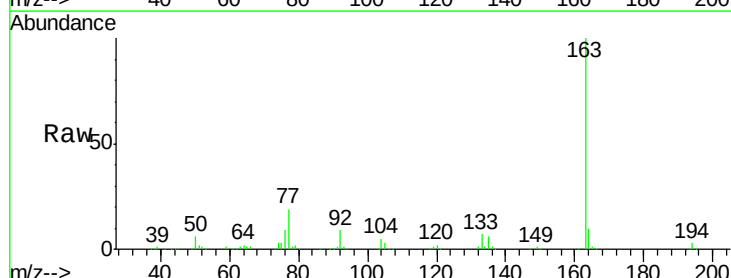
Tgt Ion:165 Resp: 6129

Ion Ratio Lower Upper

165 100

63 126.6 28.1 42.1#

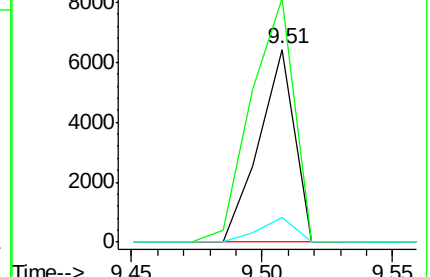
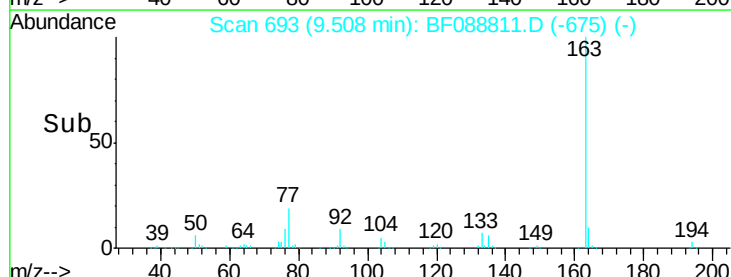
89 12.8 32.2 48.2#

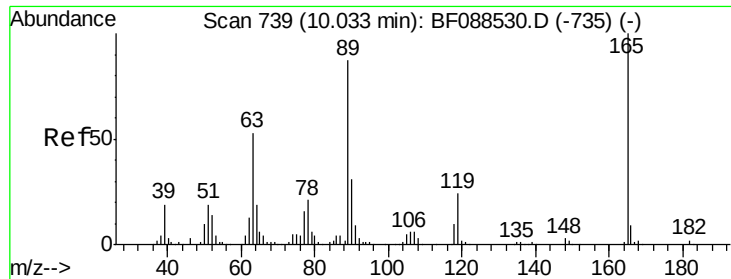


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

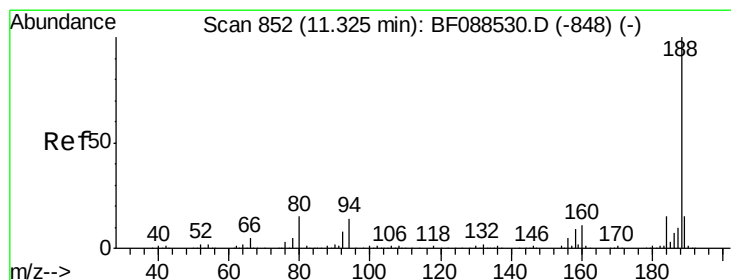
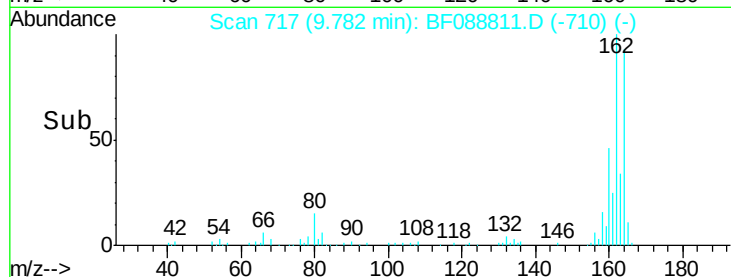
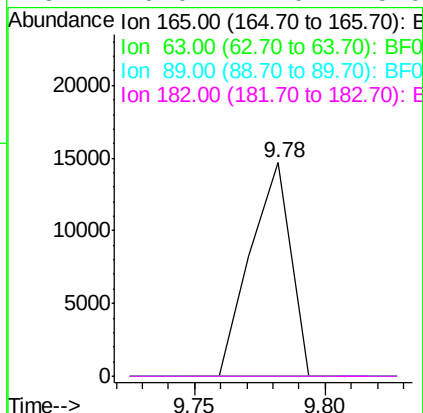
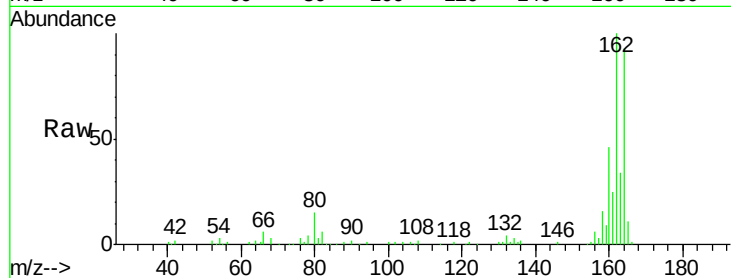




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

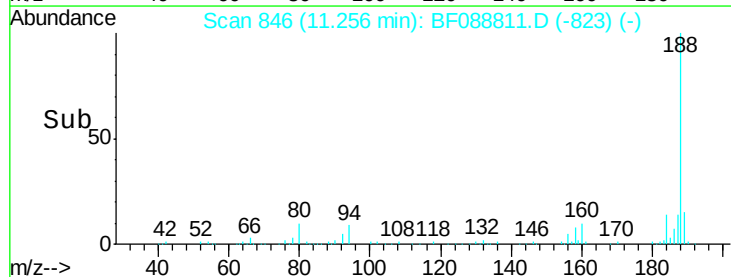
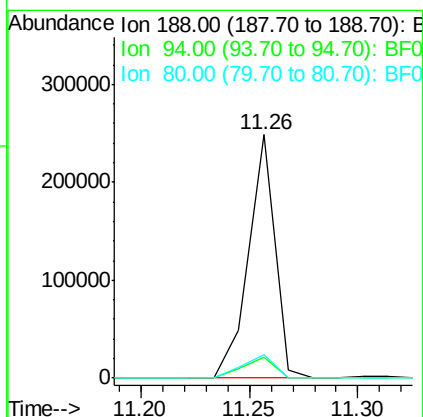
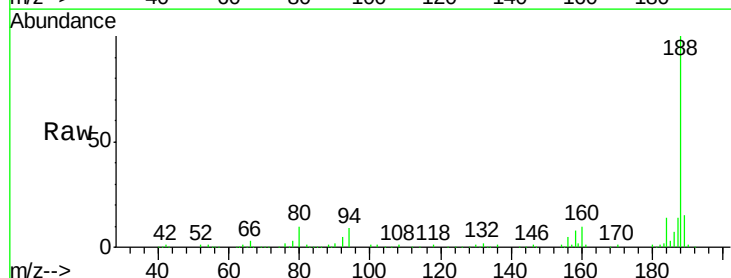
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

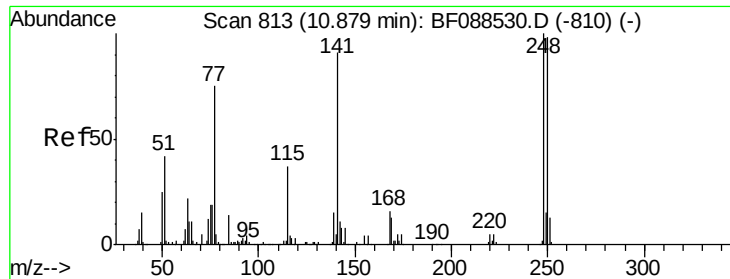
Tgt Ion:	165	Resp:	15771
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Tgt Ion:	188	Resp:	210444
Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	9.5	10.0	15.0#

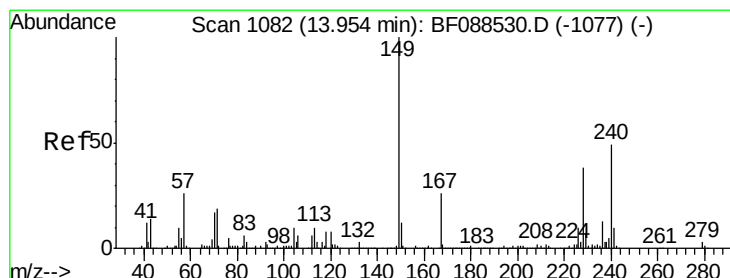
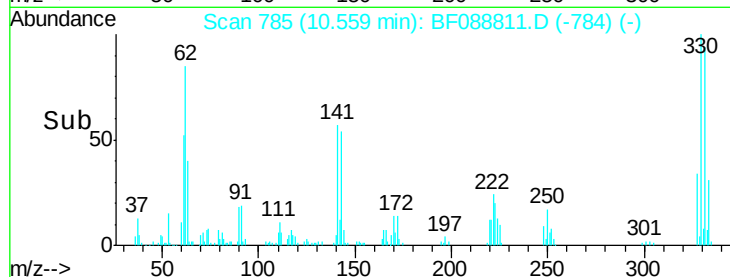
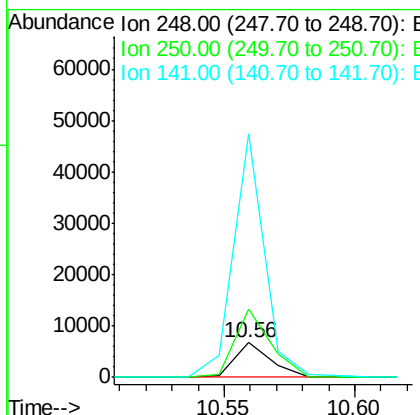
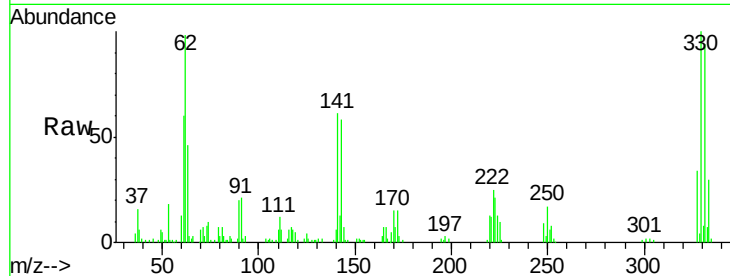




#66
 4-Bromophenyl-phenylether
 Concen: 3.03 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.29 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

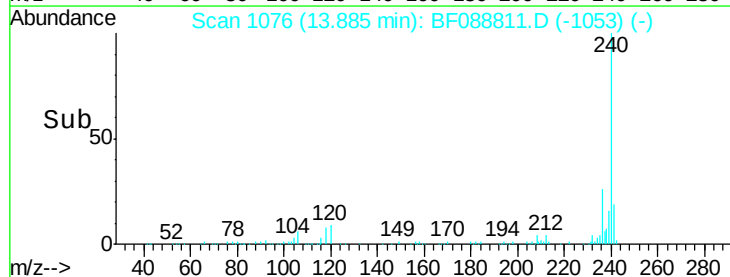
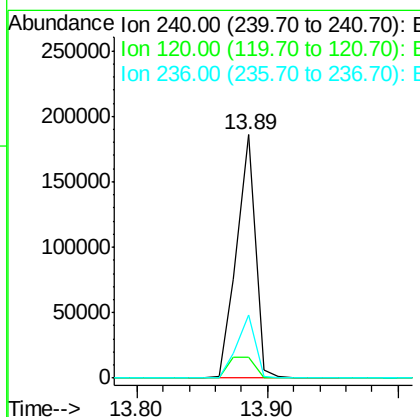
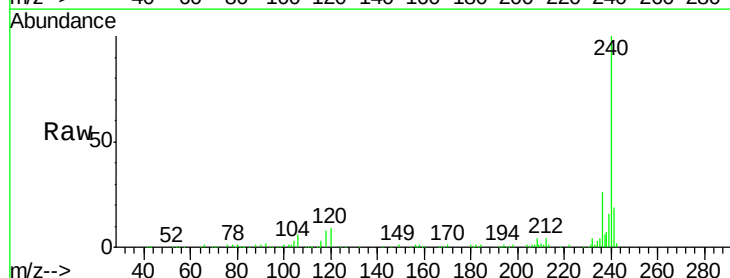
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

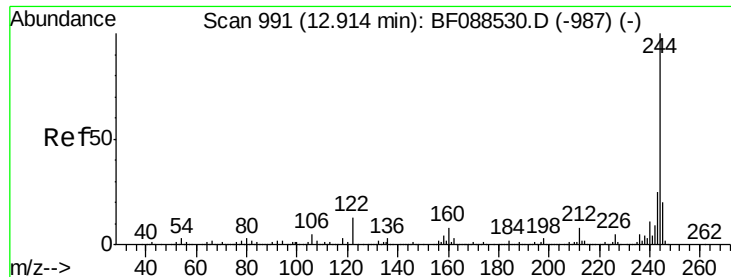
Tgt Ion:248 Resp: 6419
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.1 115.7#
 141 702.5 50.6 76.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.03 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Tgt Ion:240 Resp: 185477
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.8 10.2
 236 25.9 20.2 30.2





#78

Terphenyl-d14

Concen: 57.97 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

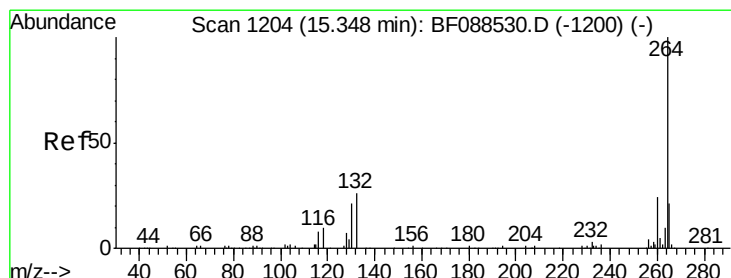
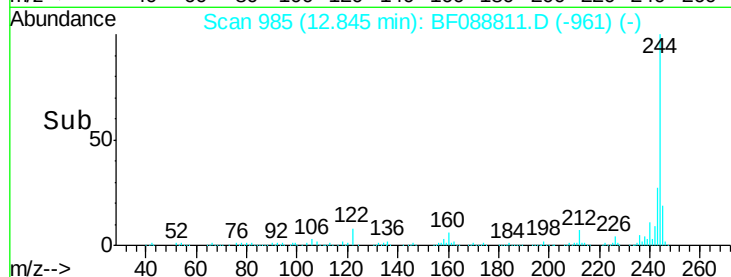
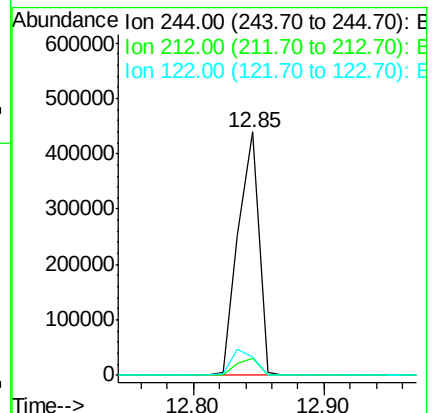
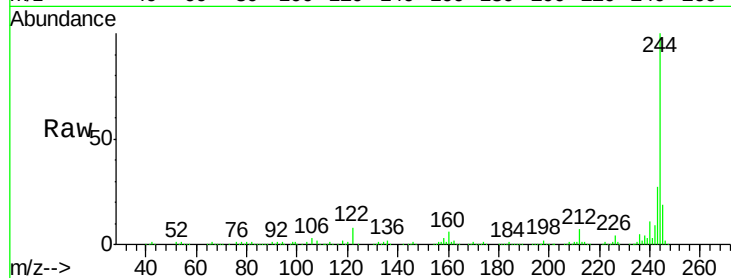
Tgt Ion:244 Resp: 482763

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 7.7 11.2 16.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Tgt Ion:264 Resp: 142518

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 16.9 25.3

