

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
 Data File : BF088462.D
 Acq On : 27 Jun 2016 20:25
 Operator : UM/SJ
 Sample : H3701-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Quant Time: Jun 28 04:52:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	71368	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	266547	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	117805	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	200598	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	137460	20.00	ng	-0.01
86) Perylene-d12	15.03	264	149658	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	531225	127.25	ng	-0.01
7) Phenol-d6	6.20	99	646354	127.75	ng	-0.03
23) Nitrobenzene-d5	7.12	82	435855	95.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	144055	115.81	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	680646	91.17	ng	-0.02
78) Terphenyl-d14	12.63	244	451669	74.77	ng	-0.01

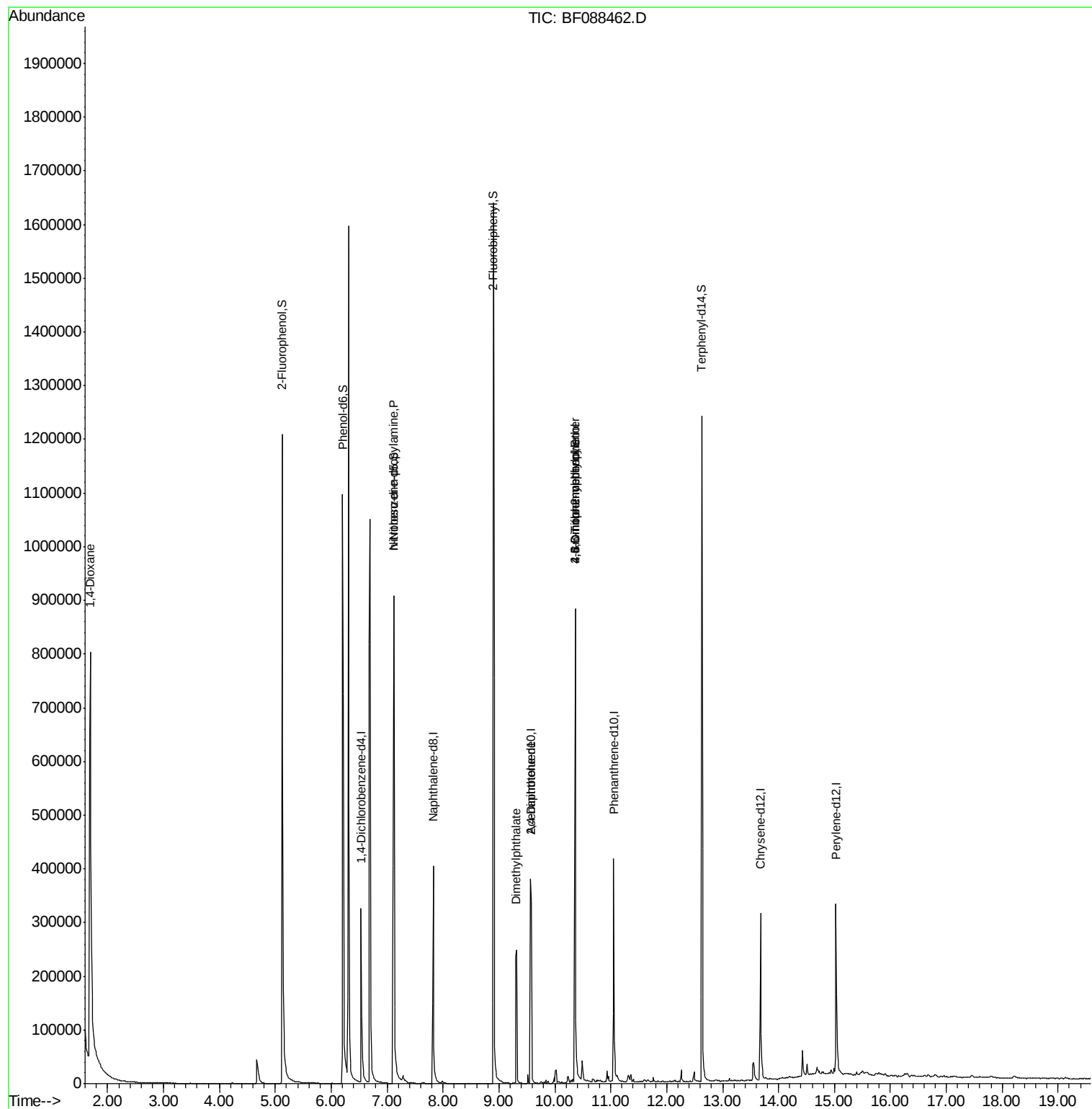
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.69	88	62107	30.62	ng	# 87
10) Phenol	6.22	94	3822	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.12	70	54179	16.74	ng	# 68
45) 1,1'-Biphenyl	8.90	154	1254	Below Cal		# 1
49) Dimethylphthalate	9.31	163	179825	21.07	ng	# 98
56) 2,4-Dinitrotoluene	9.56	165	14235	5.67	ng	# 36
57) Fluorene	10.12	166	261	Below Cal		# 95
64) 4,6-Dinitro-2-methylphenol	10.36	198	206	2.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.36	248	8994	4.18	ng	# 1

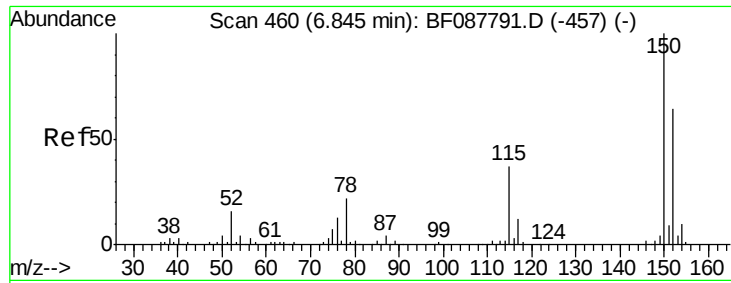
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

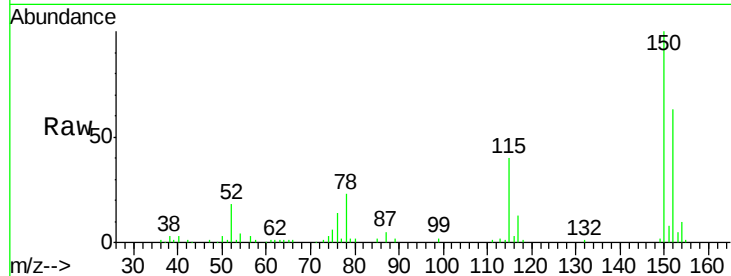
Tgt Ion:152 Resp: 71368

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

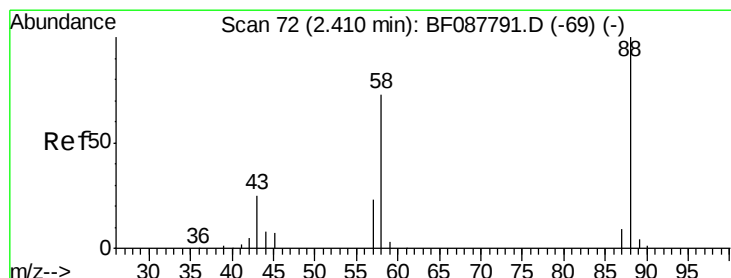
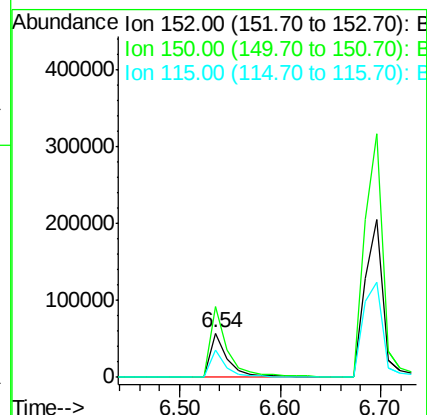
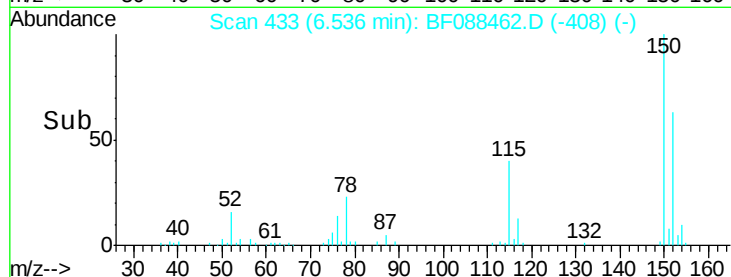
115 63.2 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 30.62 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

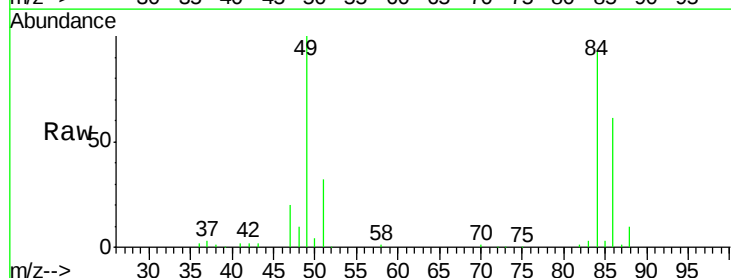
Tgt Ion: 88 Resp: 62107

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

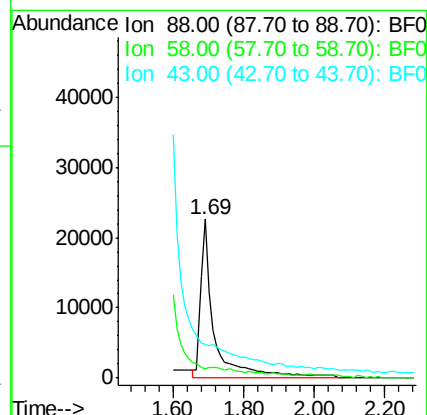
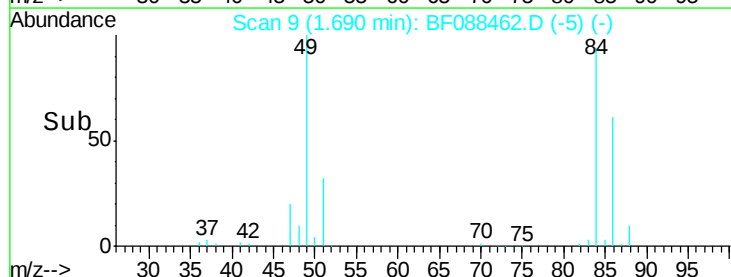
43 0.0 3.4 5.2#

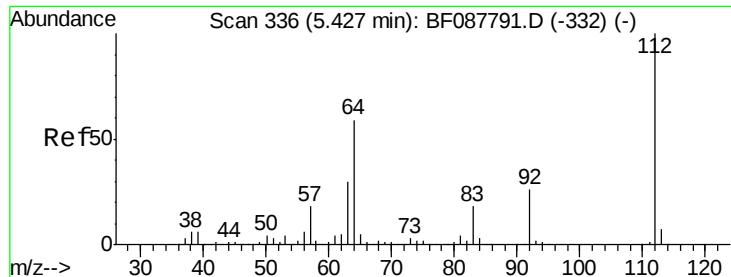


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 127.25 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

Instrument :

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TEC-COMP-B2B

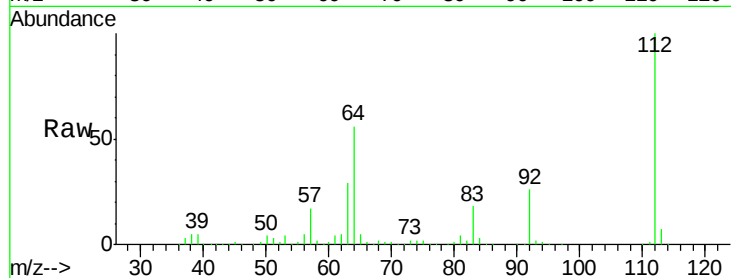
Tgt Ion: 112 Resp: 531225

Ion Ratio Lower Upper

112 100

64 56.1 42.2 63.2

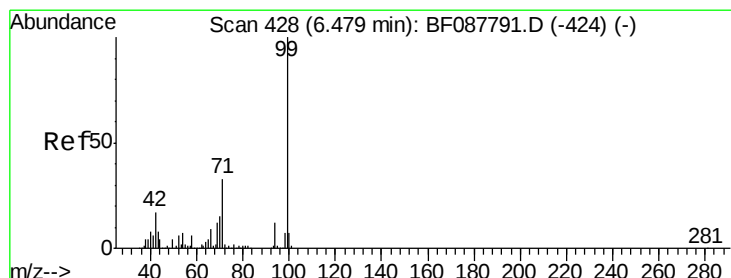
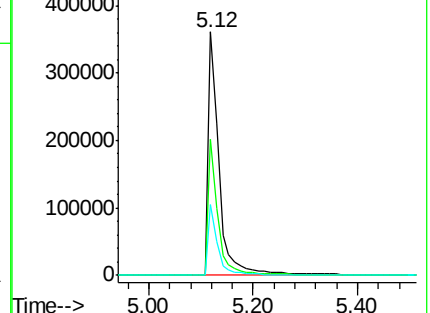
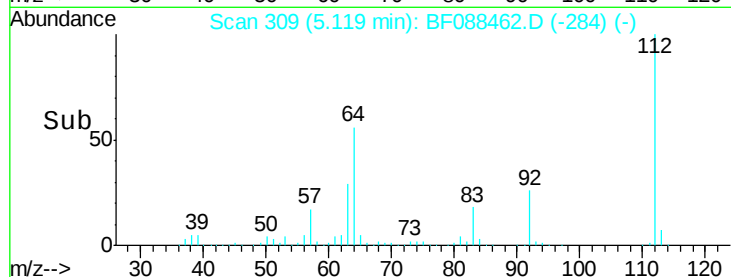
63 29.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 127.75 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

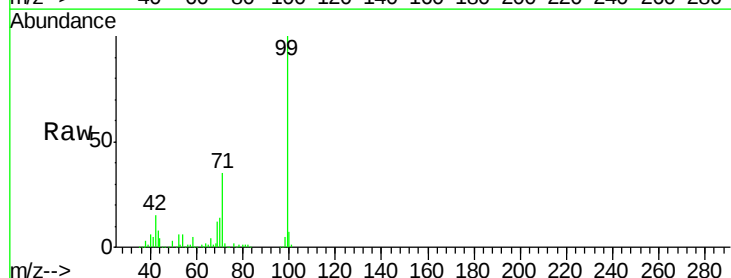
Tgt Ion: 99 Resp: 646354

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

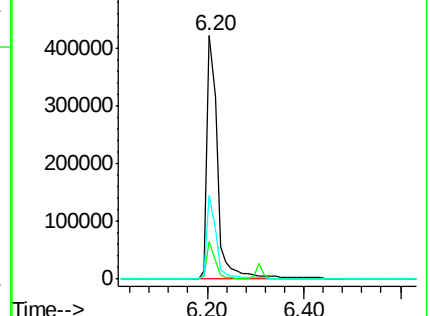
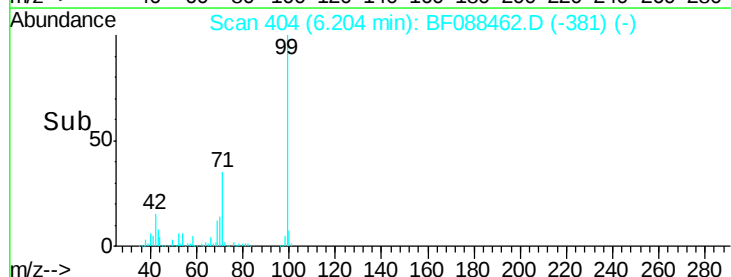
71 34.5 23.4 35.0

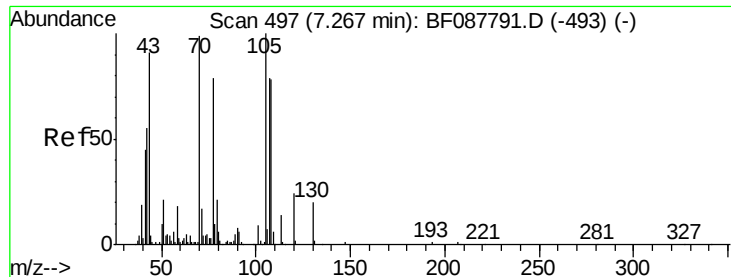


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

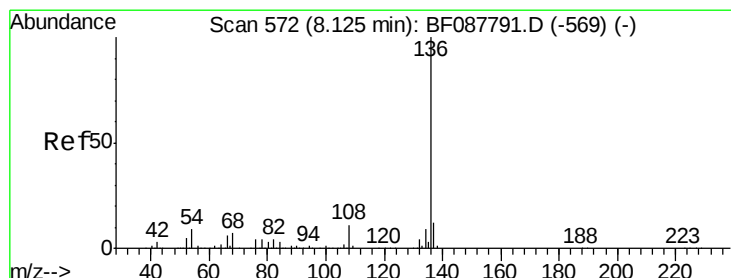
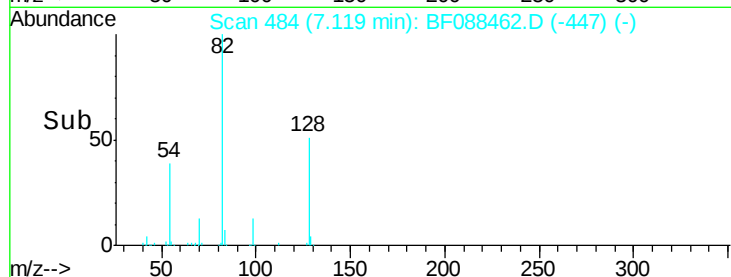
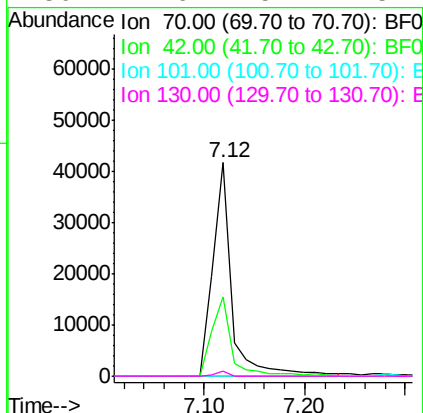
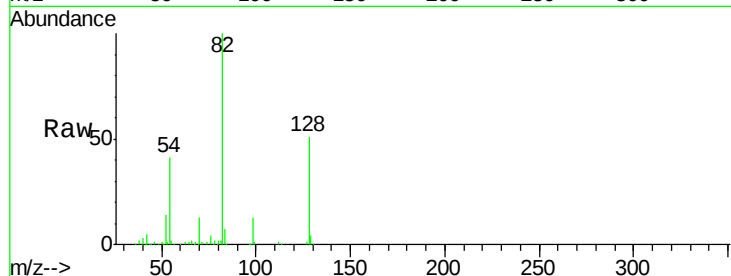




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF088462.D
Acq: 27 Jun 2016 20:25

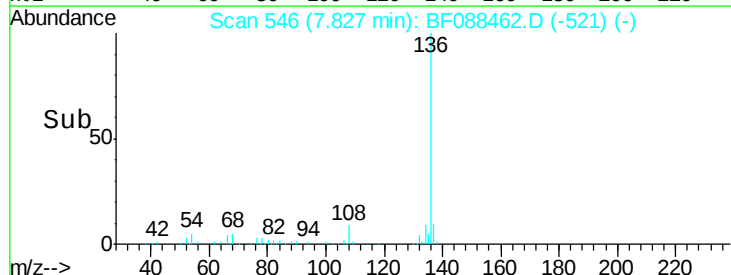
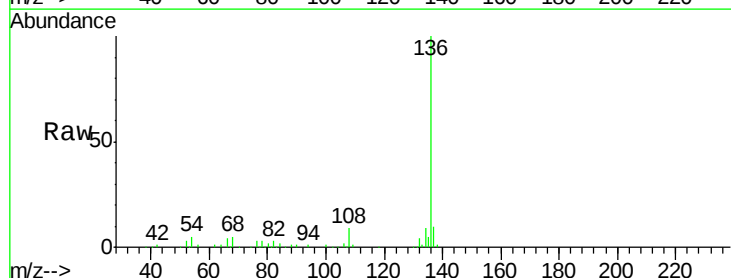
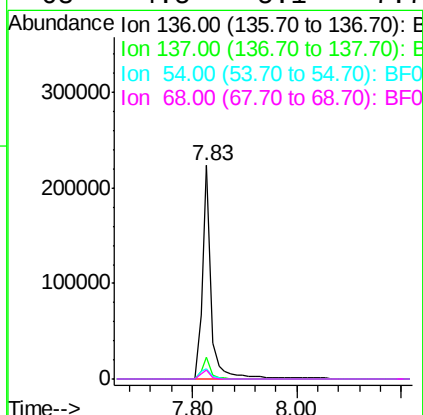
Instrument :
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ClientSampleId :
TEC-COMP-B2B

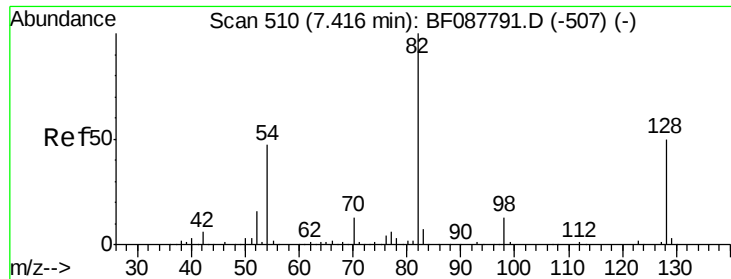
Tgt Ion: 70 Resp: 54179
Ion Ratio Lower Upper
70 100
42 37.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088462.D
Acq: 27 Jun 2016 20:25

Tgt Ion:136 Resp: 266547
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 5.1 6.6 10.0#
68 4.5 5.1 7.7#

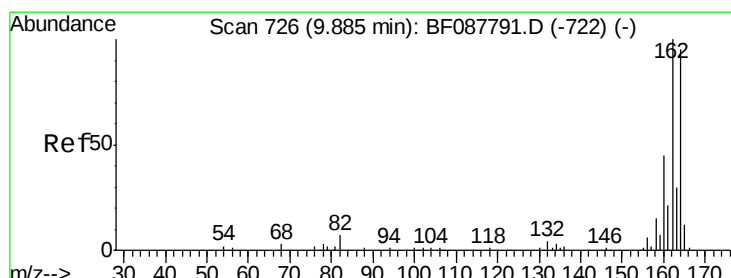
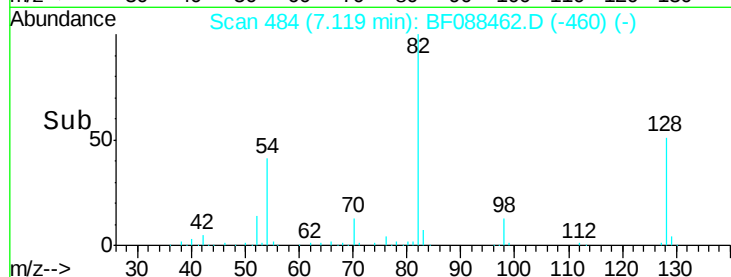
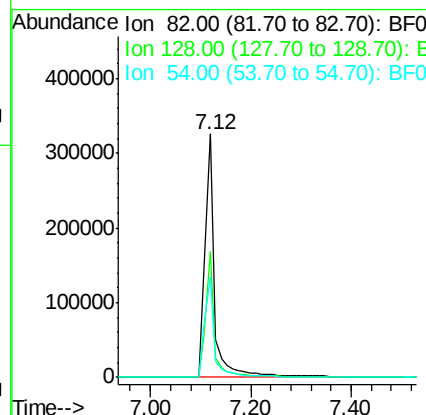
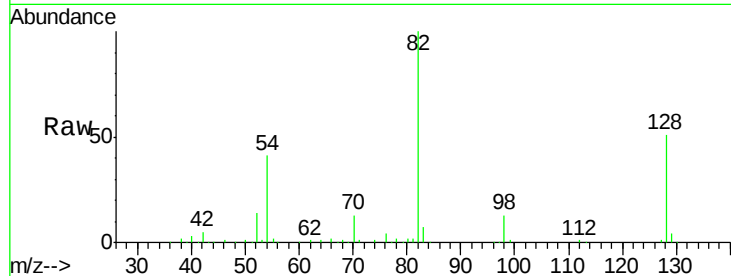




#23
 Nitrobenzene-d5
 Concen: 95.49 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

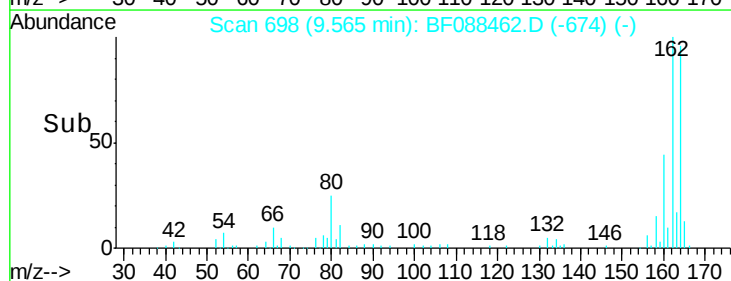
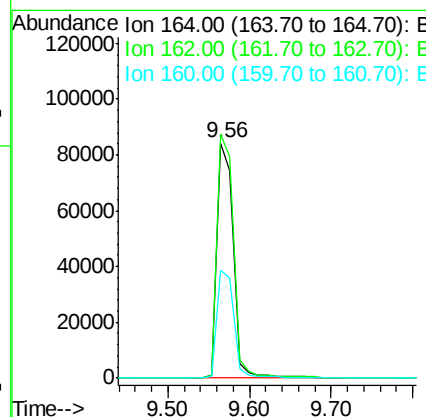
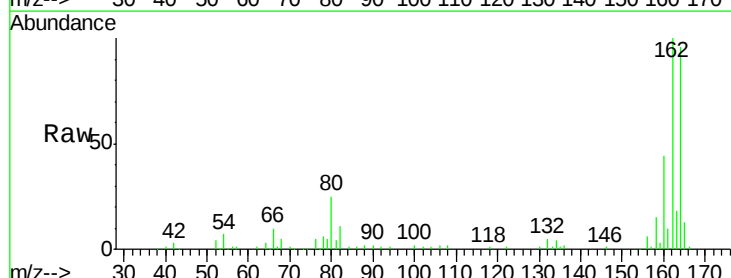
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

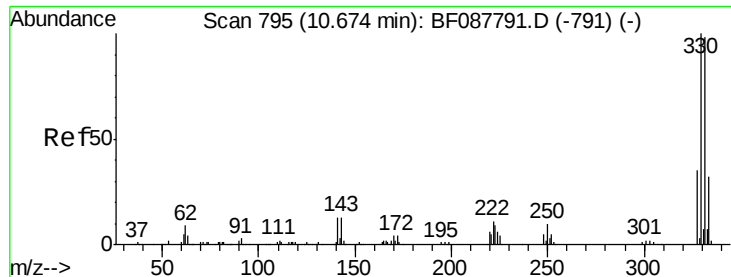
Tgt Ion: 82 Resp: 435855
 Ion Ratio Lower Upper
 82 100
 128 51.5 35.9 53.9
 54 41.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Tgt Ion: 164 Resp: 117805
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.1 39.5 59.3

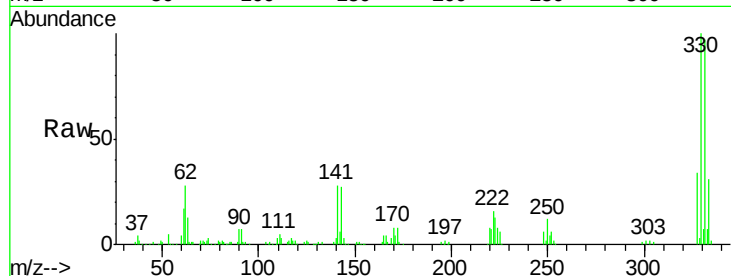




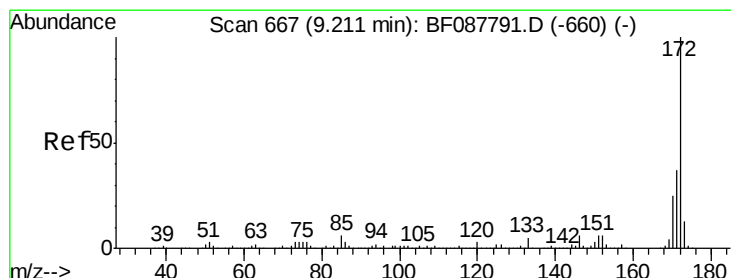
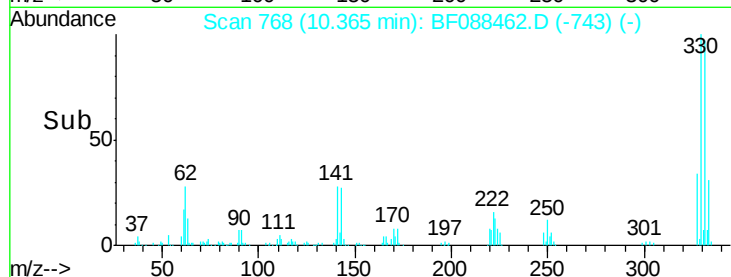
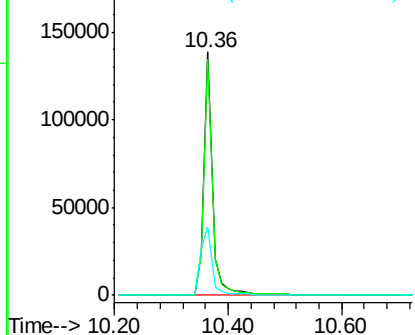
#41
 2,4,6-Tribromophenol
 Concen: 115.81 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Tgt Ion:330 Resp: 144055
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 37.4 0.0 0.0#

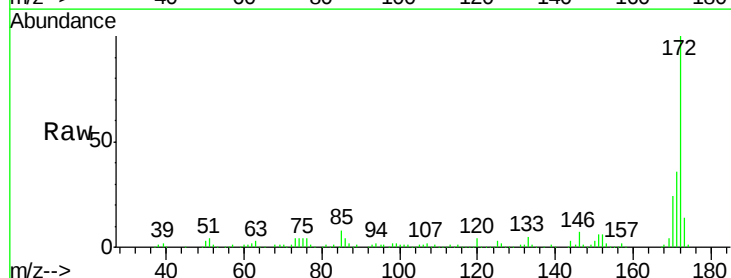


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

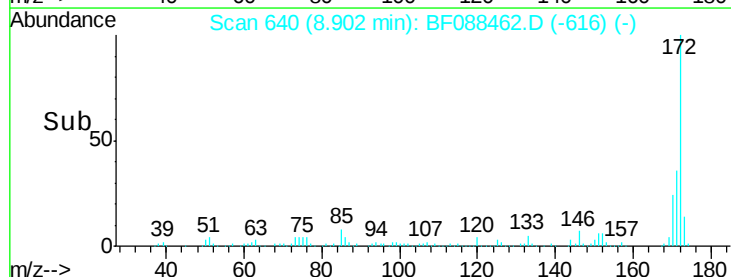
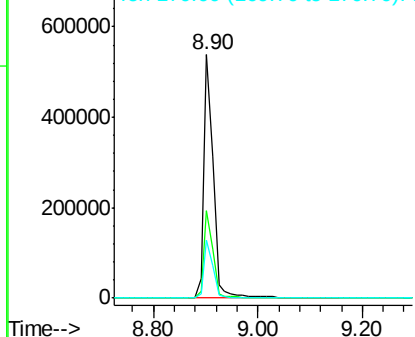


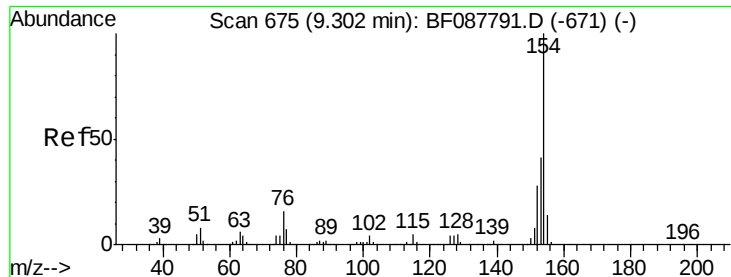
#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Tgt Ion:172 Resp: 680646
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.8 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

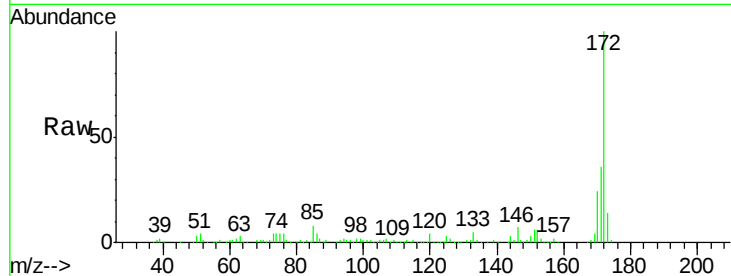




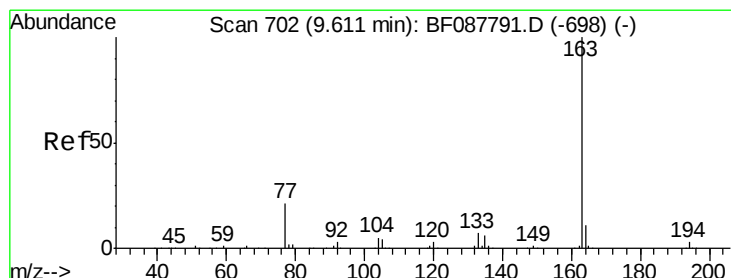
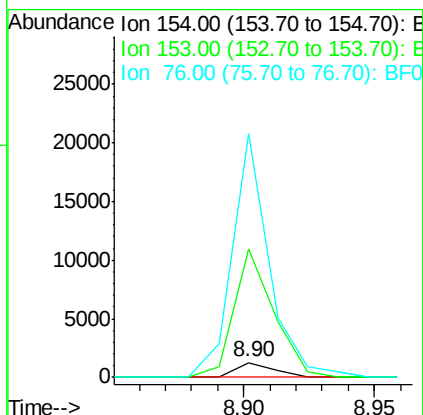
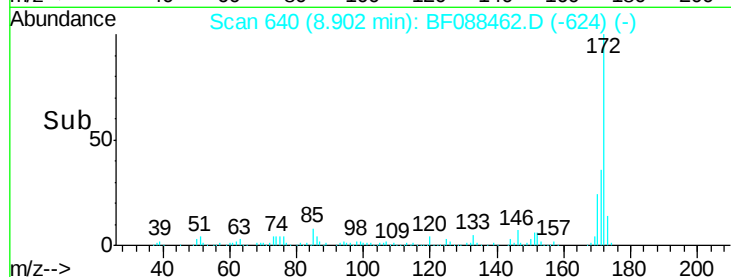
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.90 min Scan# 640
 Delta R.T. -0.11 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Instrument :
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Tgt Ion:154 Resp: 1254
 Ion Ratio Lower Upper
 154 100
 153 863.8 20.6 60.6#
 76 1645.6 0.0 35.1#

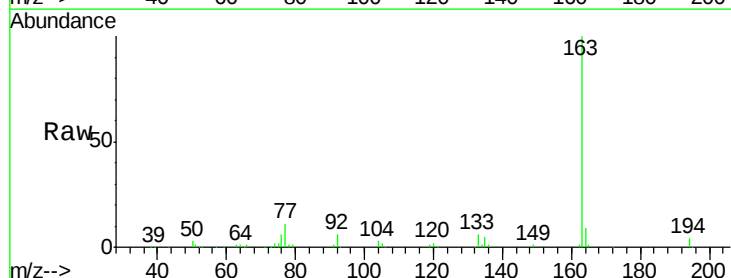


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

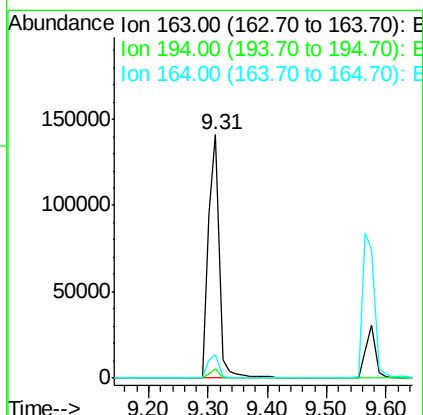
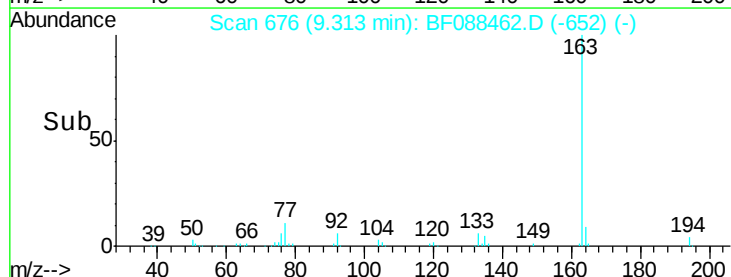


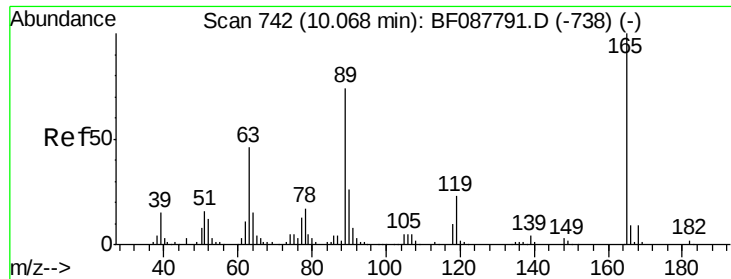
#49
 Dimethylphthalate
 Concen: 21.07 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Tgt Ion:163 Resp: 179825
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.4 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: 5.67 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.24 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

Tgt Ion:165 Resp: 14235

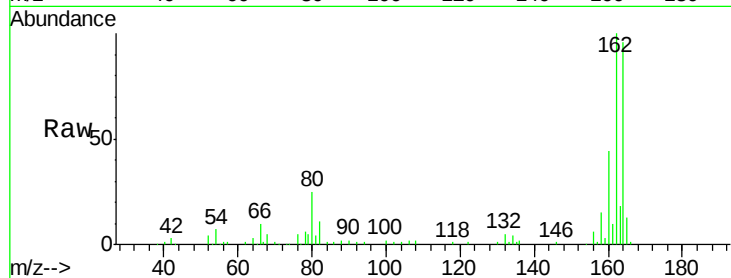
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

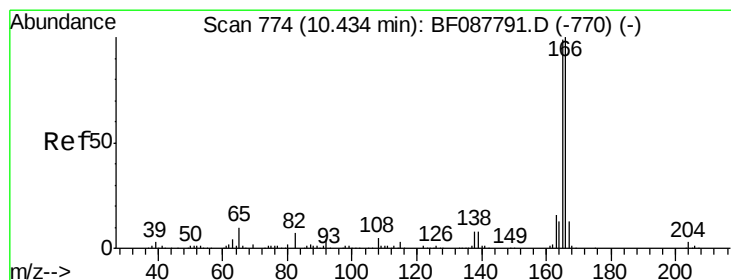
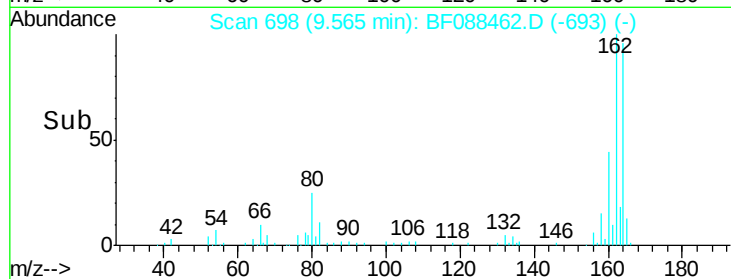
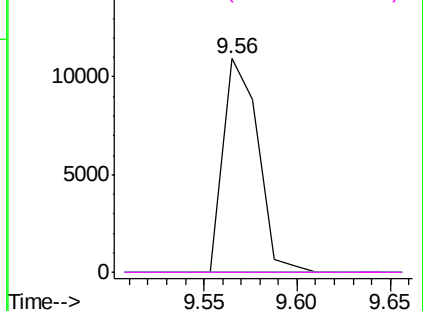


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088462.D

Acq: 27 Jun 2016 20:25

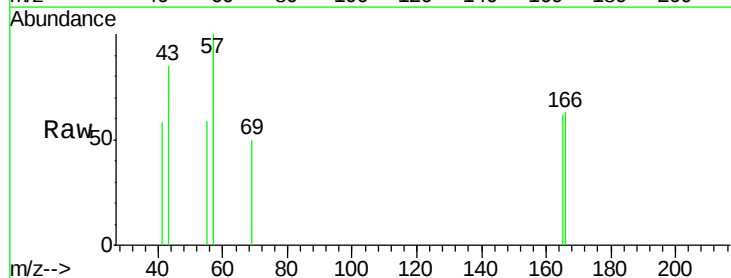
Tgt Ion:166 Resp: 261

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

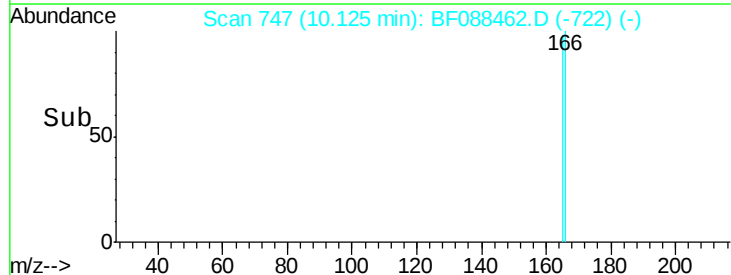
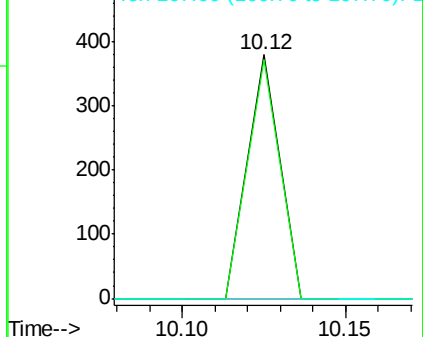
167 0.0 11.2 16.8#

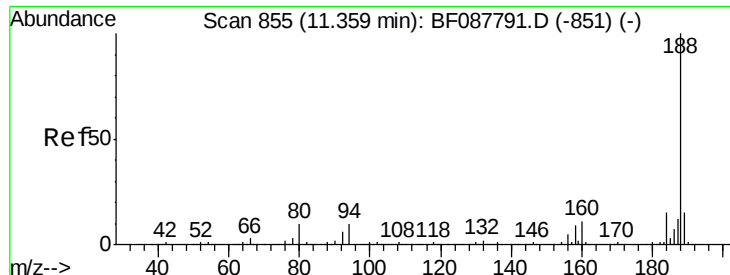


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

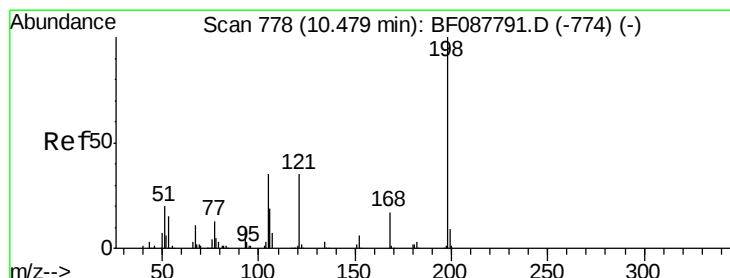
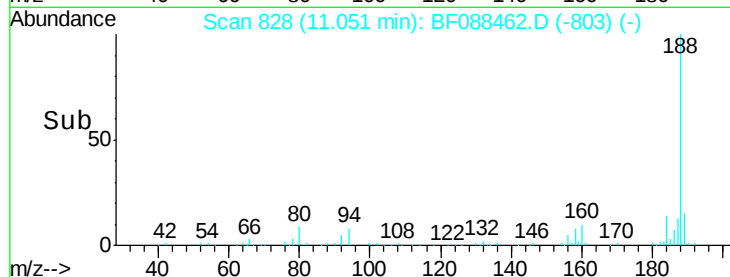
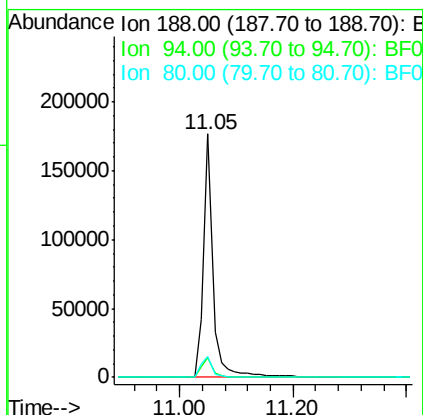
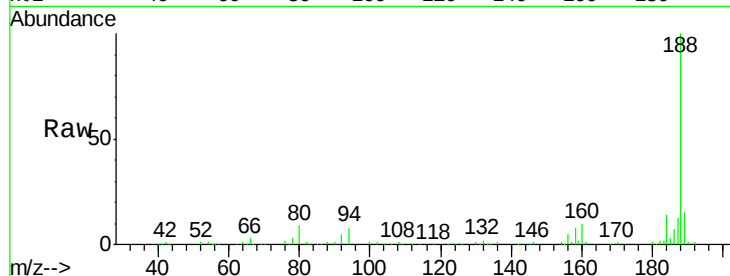




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088462.D
Acq: 27 Jun 2016 20:25

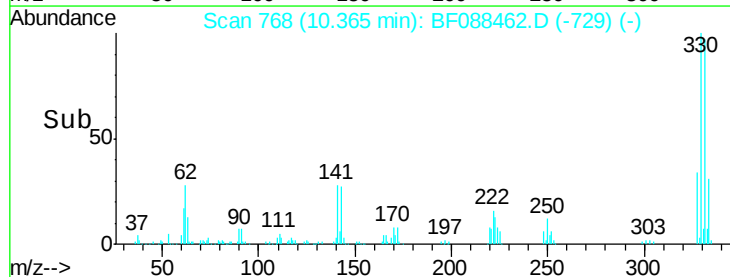
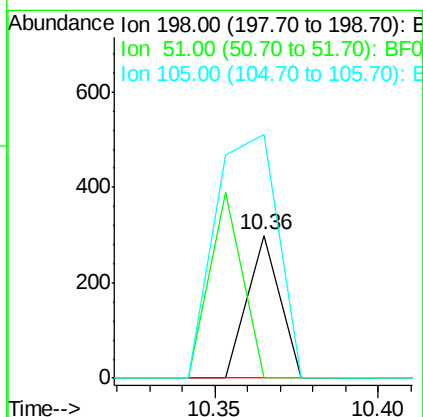
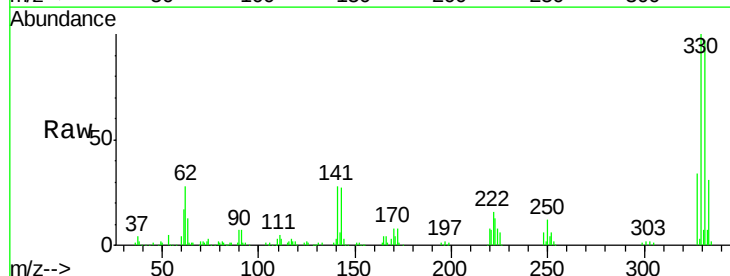
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2B

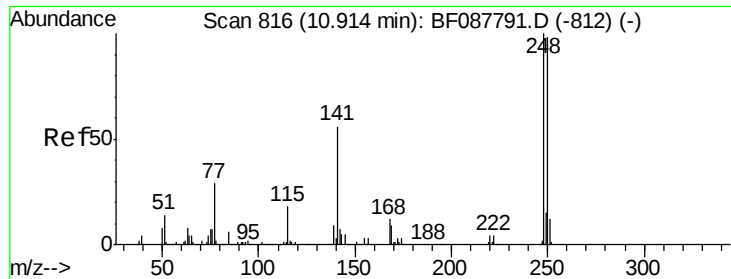
Tgt Ion:188 Resp: 200598
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.6#
80 8.6 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.15 min
Lab File: BF088462.D
Acq: 27 Jun 2016 20:25

Tgt Ion:198 Resp: 206
Ion Ratio Lower Upper
198 100
51 0.0 39.6 79.6#
105 170.3 36.6 76.6#

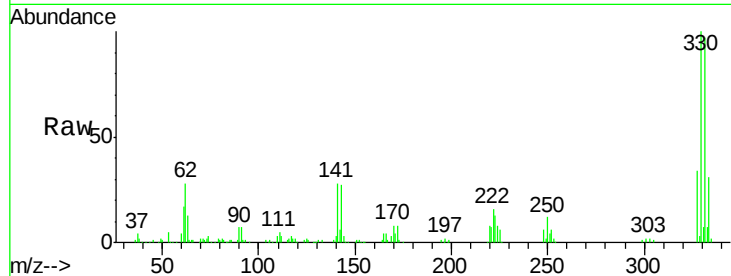




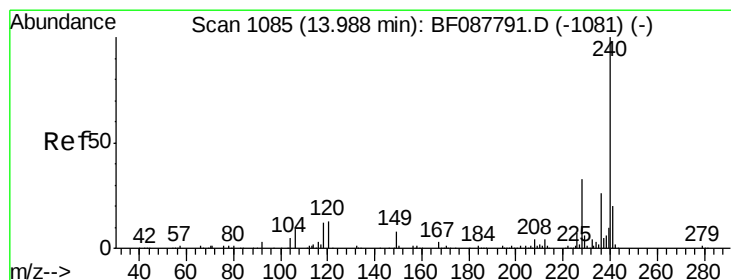
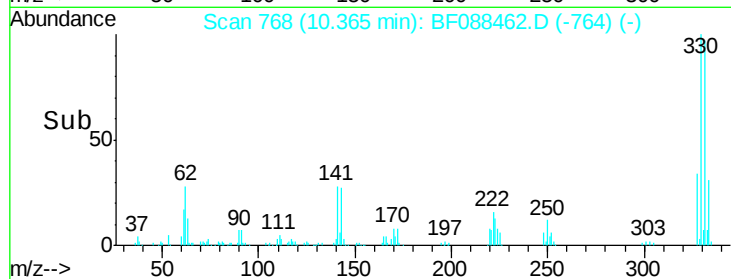
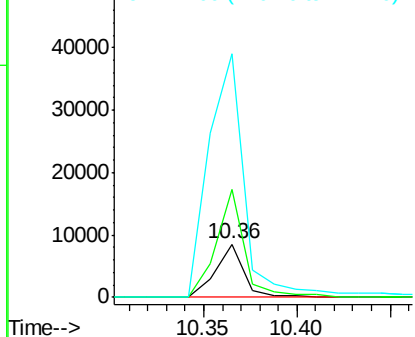
#66
 4-Bromophenyl-phenylether
 Concen: 4.18 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.25 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Tgt Ion:248 Resp: 8994
 Ion Ratio Lower Upper
 248 100
 250 203.9 77.1 115.7#
 141 460.4 50.6 76.0#

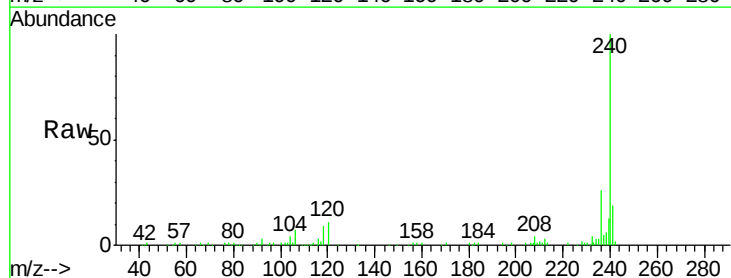


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

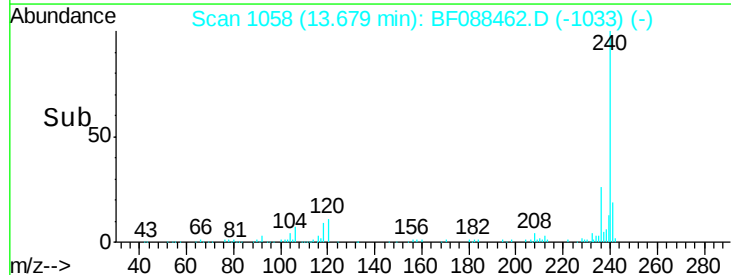
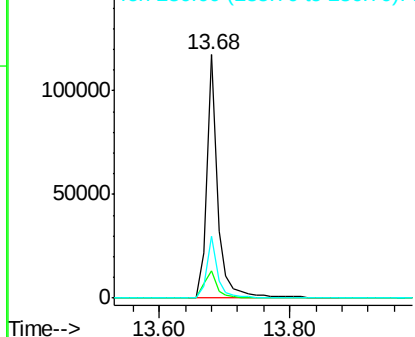


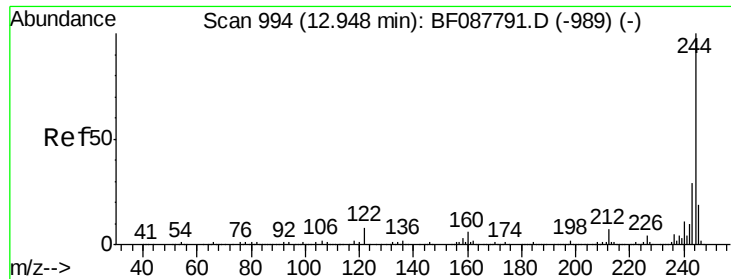
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Tgt Ion:240 Resp: 137460
 Ion Ratio Lower Upper
 240 100
 120 11.0 6.8 10.2#
 236 25.5 20.2 30.2



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

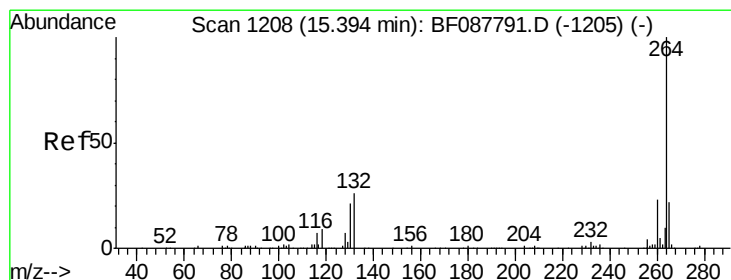
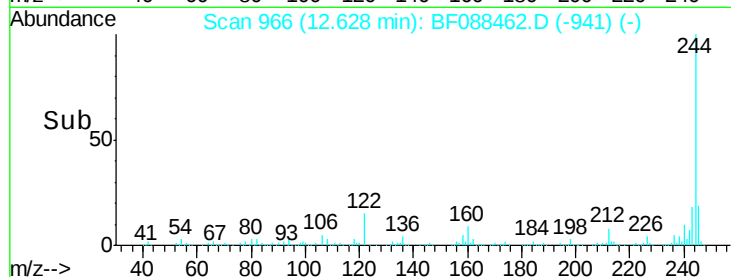
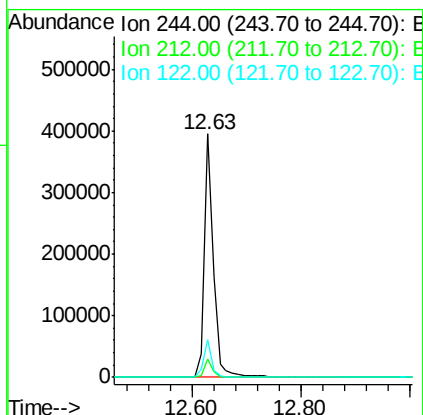
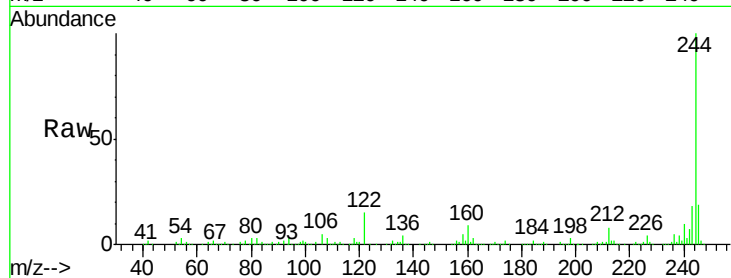




#78
 Terphenyl-d14
 Concen: 74.77 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Tgt Ion:244 Resp: 451669
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 15.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF088462.D
 Acq: 27 Jun 2016 20:25

Tgt Ion:264 Resp: 149658
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 16.9 25.3

