

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088413.D
 Acq On : 26 Jun 2016 12:37
 Operator : UM/SJ
 Sample : H3597-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:51:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

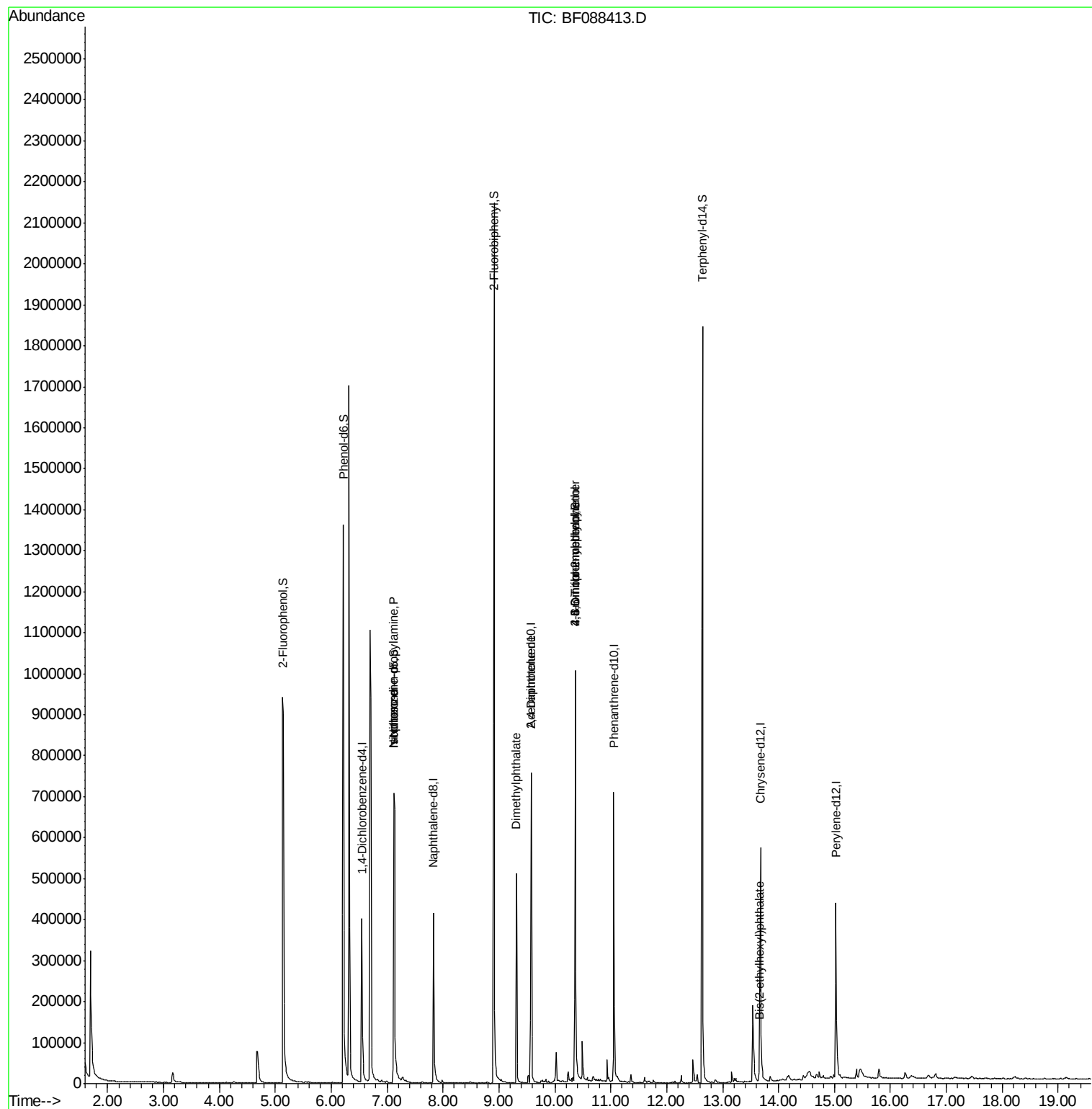
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	81444	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	330400	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	161162	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	305223	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	260976	20.00	ng	-0.07
86) Perylene-d12	15.03	264	219833	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	529029	111.05	ng	-0.03
7) Phenol-d6	6.22	99	676940	117.25	ng	-0.05
23) Nitrobenzene-d5	7.12	82	436500	77.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	140564	82.60	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	821250	79.71	ng	-0.06
78) Terphenyl-d14	12.64	244	754880	65.82	ng	-0.06
Target Compounds						
10) Phenol	6.23	94	6844	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	54439	14.74	ng	# 73
25) Isophorone	7.12	82	437268	41.72	ng	# 65
45) 1,1'-Biphenyl	8.91	154	1349	Below Cal	#	1
49) Dimethylphthalate	9.31	163	224108	19.20	ng	# 98
56) 2,4-Dinitrotoluene	9.58	165	19934	5.80	ng	# 36
57) Fluorene	10.12	166	591	Below Cal	#	80
64) 4,6-Dinitro-2-methylphenol	10.36	198	206	2.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.36	248	8957	2.74	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.66	149	26392	2.53	ng	# 94

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

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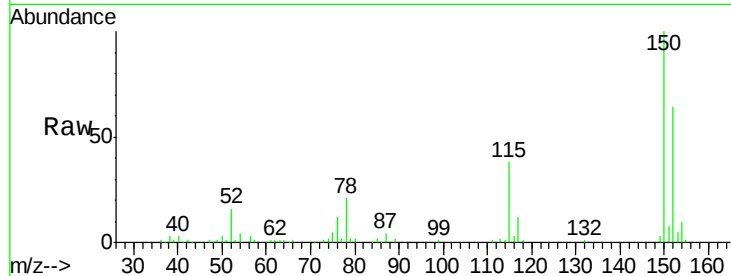


#1

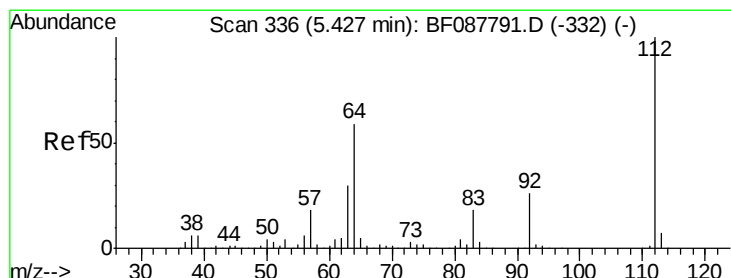
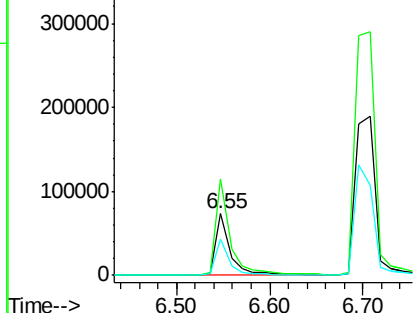
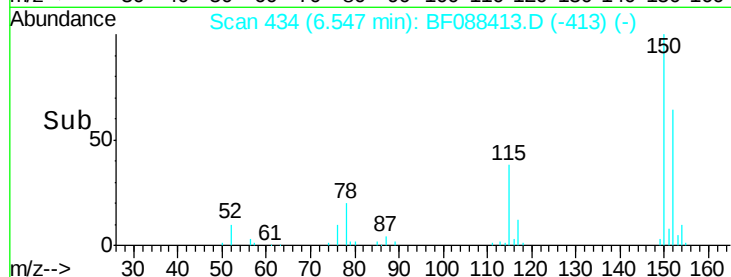
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81444
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 59.3 39.6 59.4



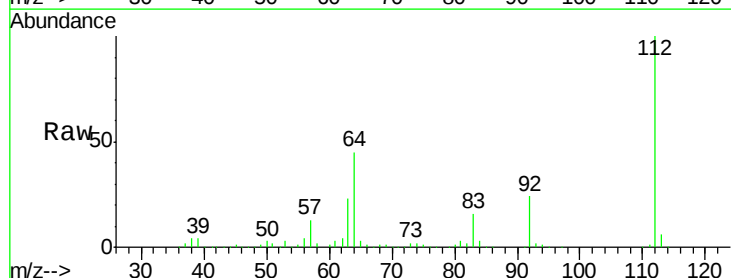
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



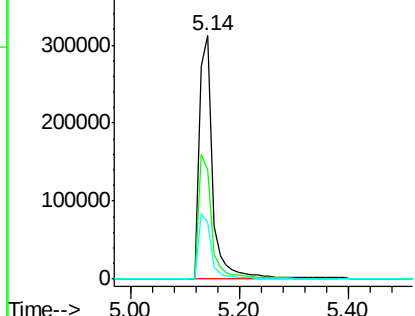
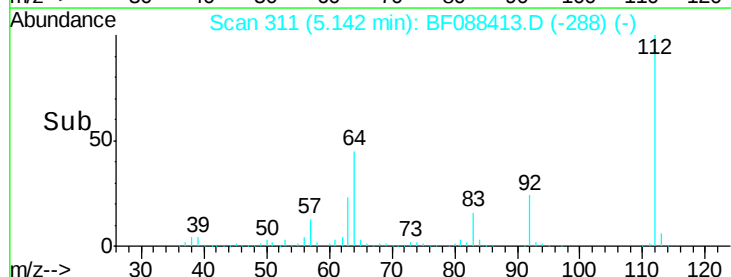
#5

2-Fluorophenol
Concen: 111.05 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Tgt Ion:112 Resp: 529029
Ion Ratio Lower Upper
112 100
64 44.6 42.2 63.2
63 23.2 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: 117.25 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

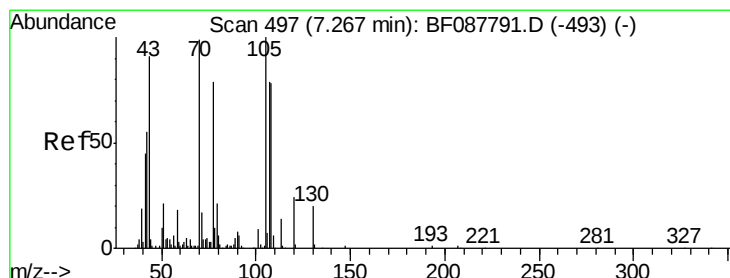
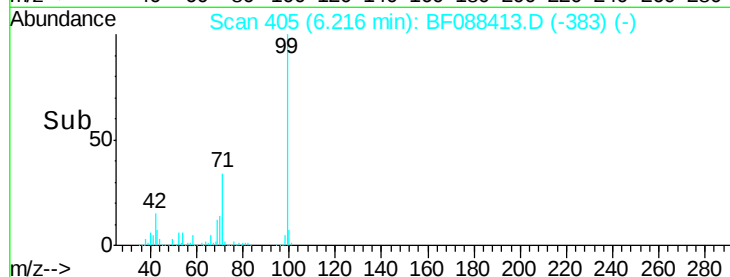
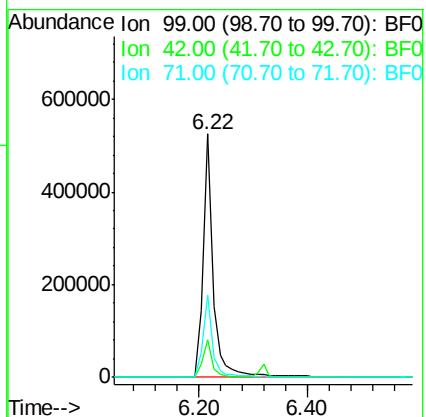
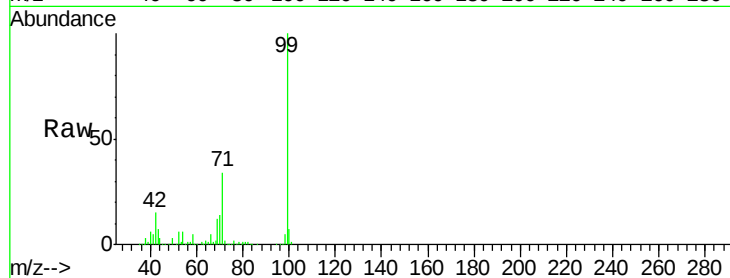
Tot Ion: 99 Resp: 676940

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.74 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.08 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Tgt Ion: 70 Resp: 54439

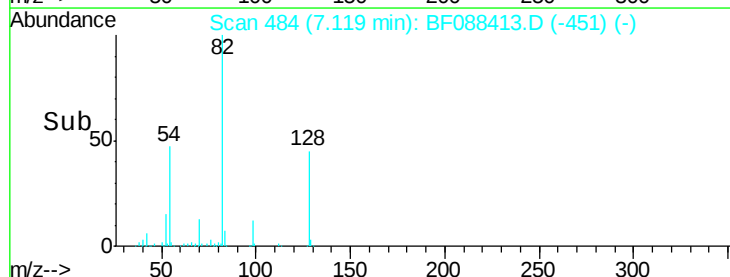
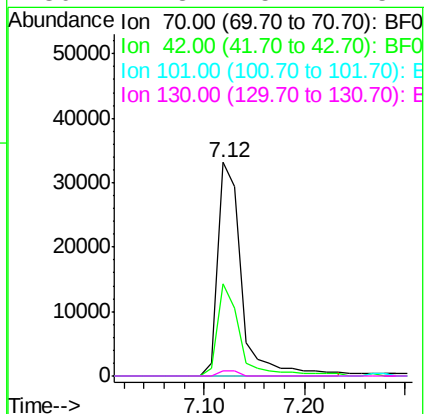
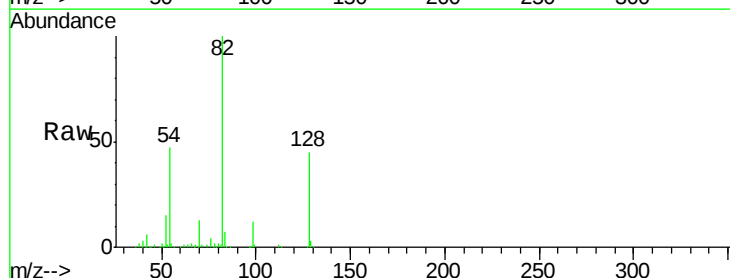
Ion Ratio Lower Upper

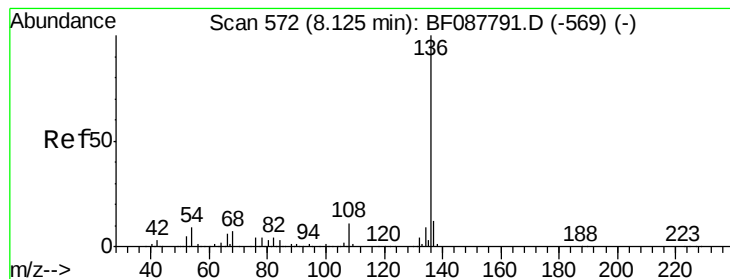
70 100

42 43.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 330400

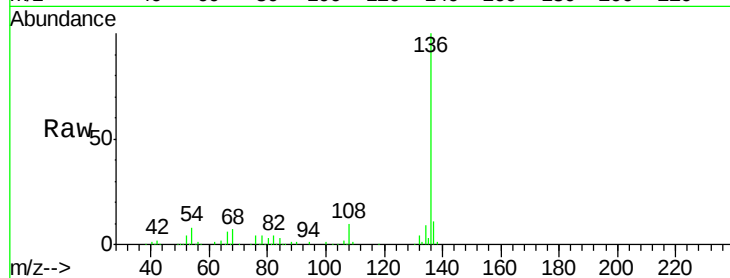
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.5 6.6 10.0

68 6.5 5.1 7.7

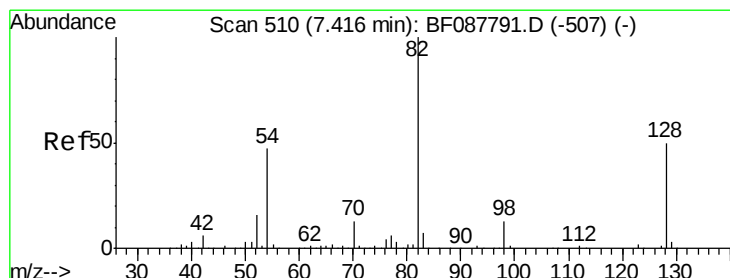
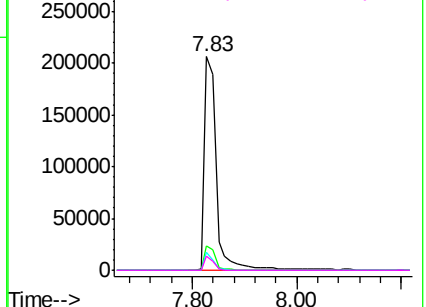
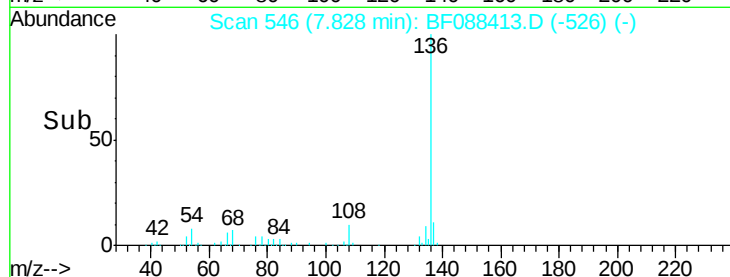


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.15 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

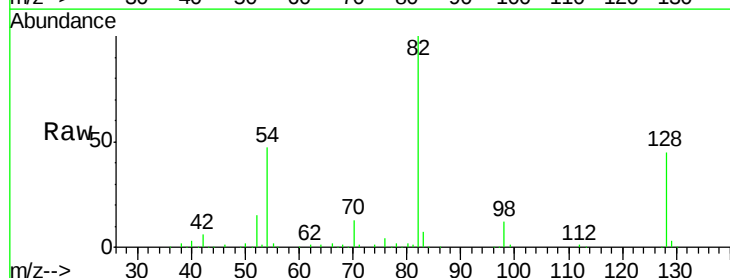
Tgt Ion: 82 Resp: 436500

Ion Ratio Lower Upper

82 100

128 44.6 35.9 53.9

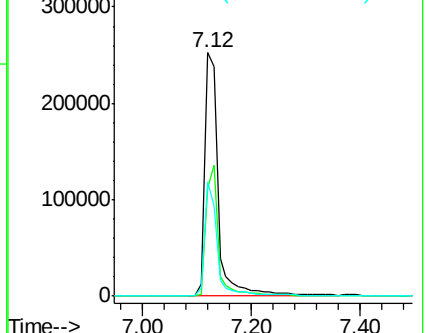
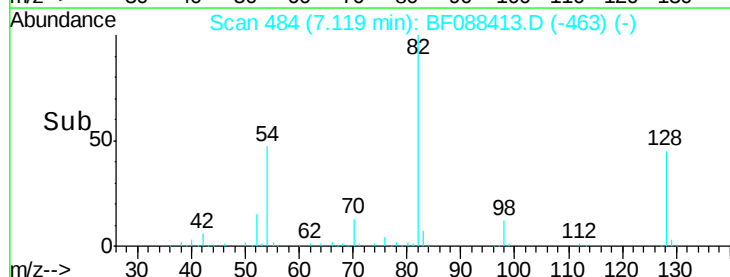
54 46.8 40.9 61.3

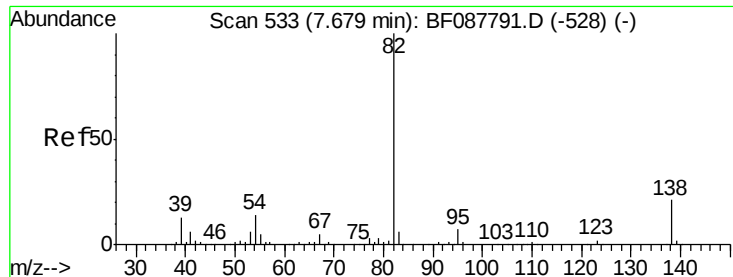


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.72 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.32 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

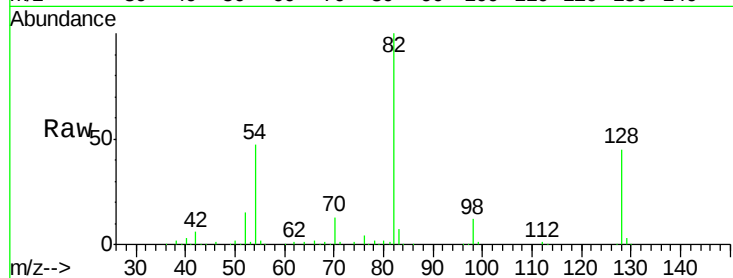
Tot Ion: 82 Resp: 437268

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

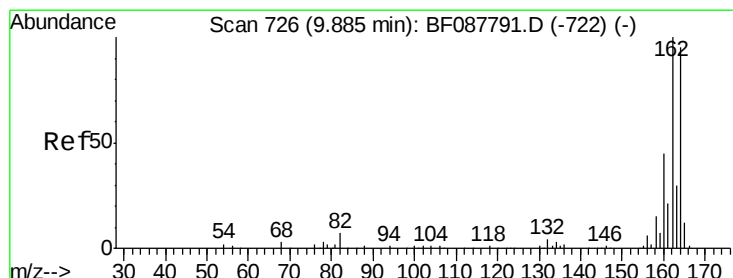
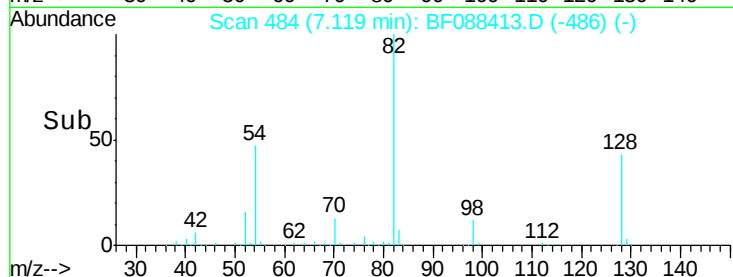
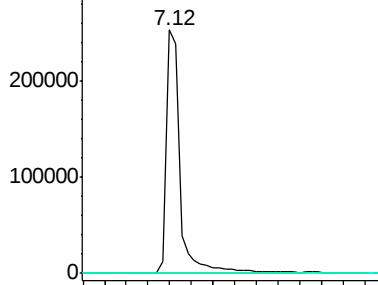
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF087791.D (-528) (-)

Ion 95.00 (94.70 to 95.70): BF087791.D (-528) (-)

Ion 138.00 (137.70 to 138.70): BF087791.D (-528) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.07 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

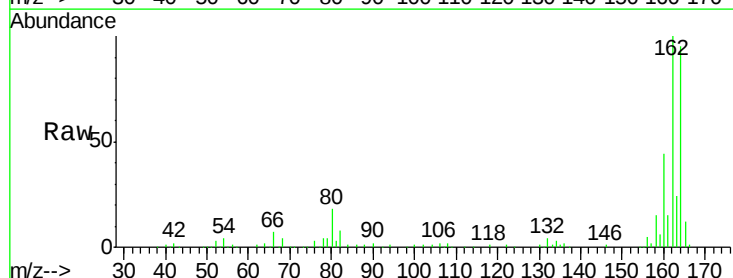
Tgt Ion: 164 Resp: 161162

Ion Ratio Lower Upper

164 100

162 105.7 85.4 128.2

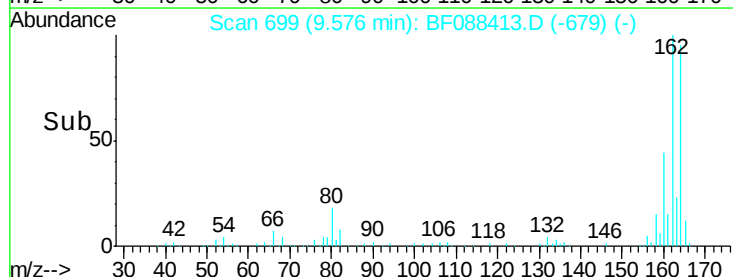
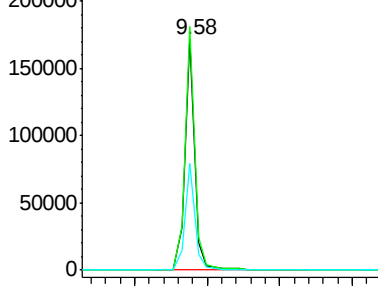
160 46.2 39.5 59.3

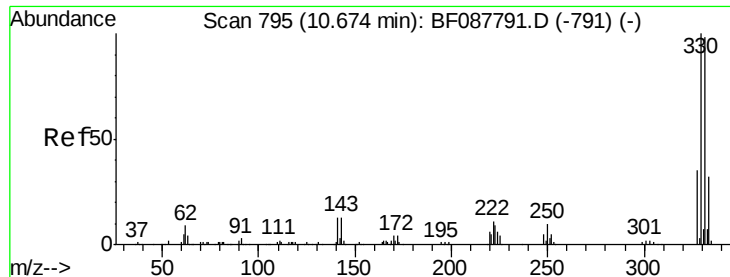


Abundance Ion 164.00 (163.70 to 164.70): BF087791.D (-722) (-)

Ion 162.00 (161.70 to 162.70): BF087791.D (-722) (-)

Ion 160.00 (159.70 to 160.70): BF087791.D (-722) (-)

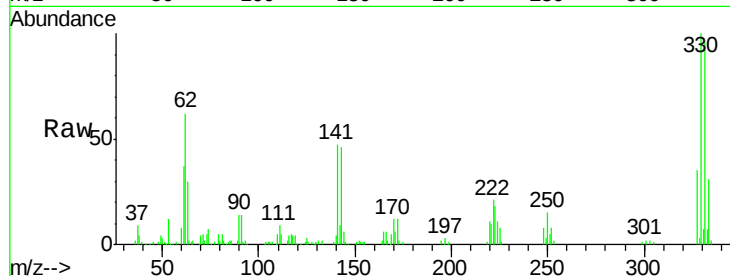




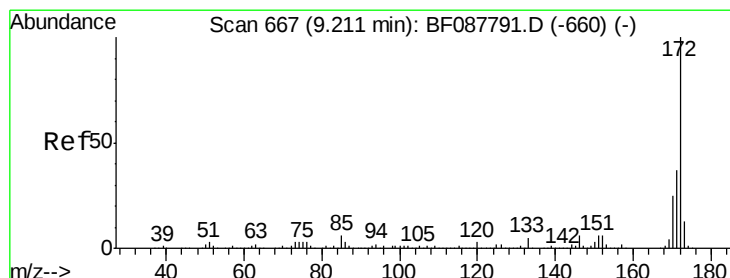
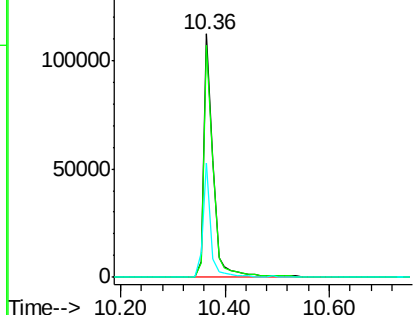
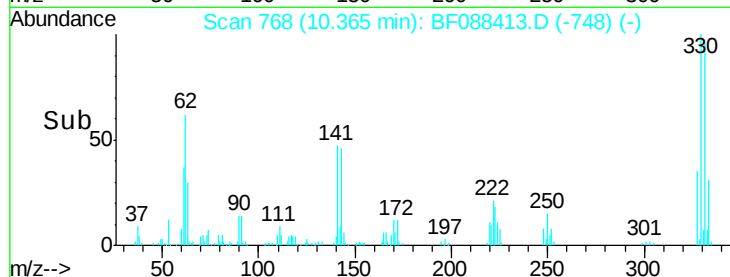
#41
 2,4,6-Tribromophenol
 Concen: 82.60 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088413.D
 Acq: 26 Jun 2016 12:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	40.1	0.0	0.0#

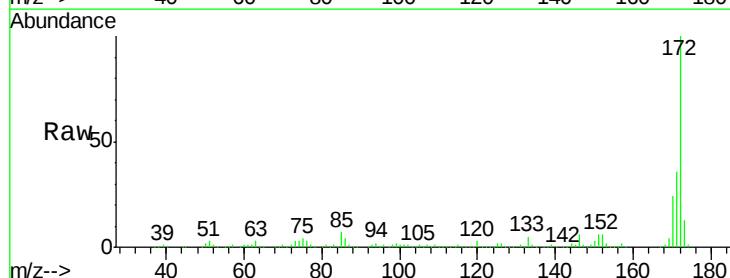


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

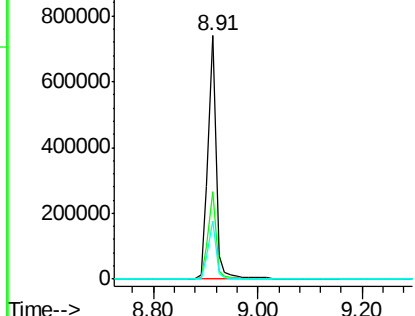
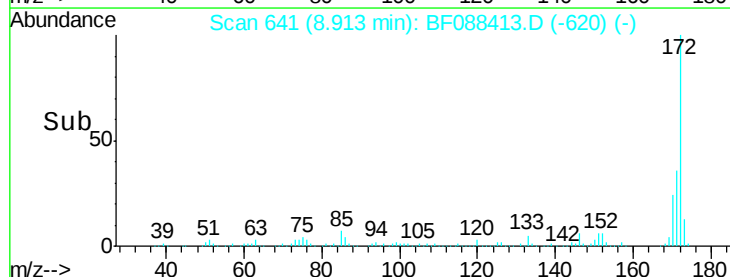


#44
 2-Fluorobiphenyl
 Concen: 79.71 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088413.D
 Acq: 26 Jun 2016 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	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: 8.91 min Scan# 641

Delta R.T. -0.16 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

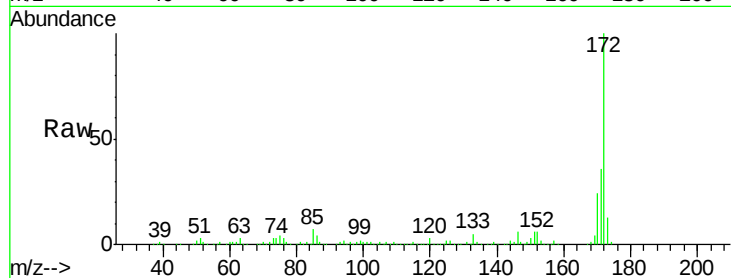
Tot Ion:154 Resp: 1349

Ion Ratio Lower Upper

154 100

153 1044.1 20.6 60.6#

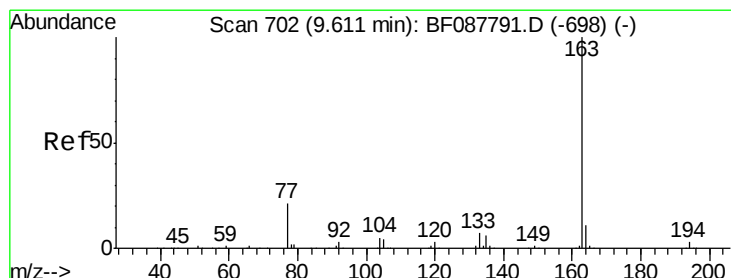
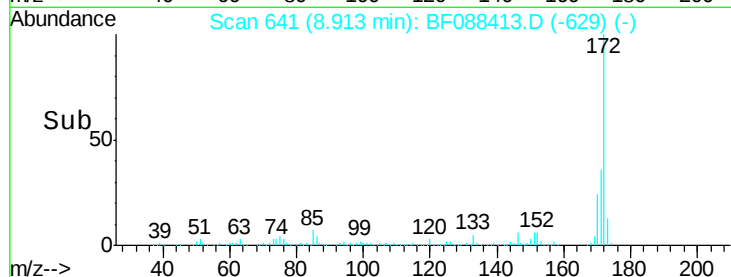
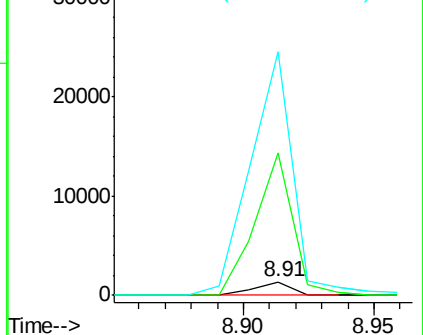
76 1785.2 0.0 35.1#



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: 19.20 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

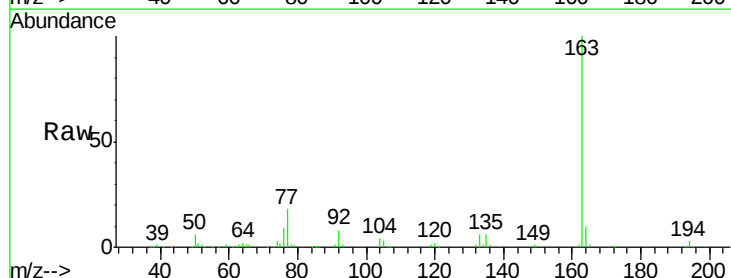
Tgt Ion:163 Resp: 224108

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

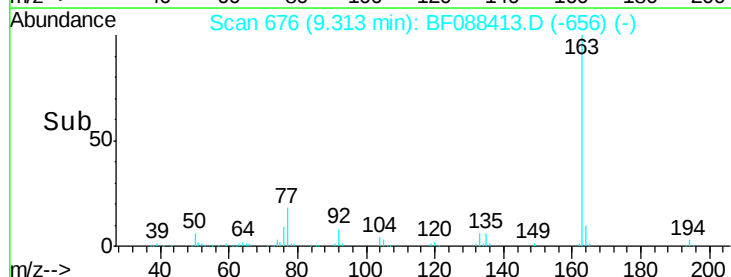
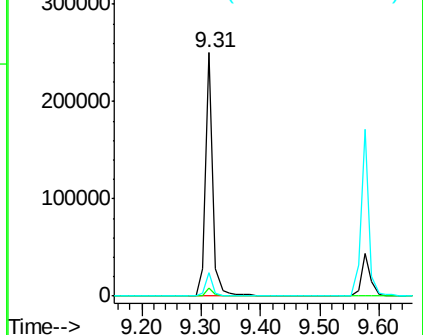
164 9.7 8.3 12.5



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: 5.80 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.27 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 19934

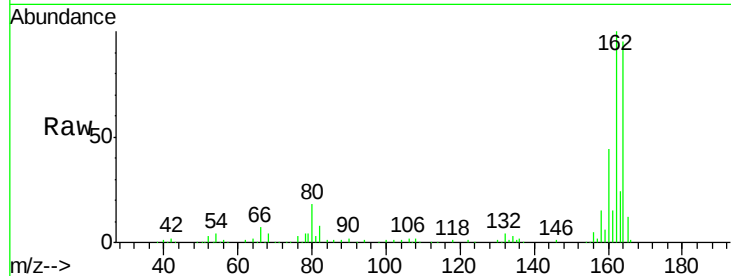
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

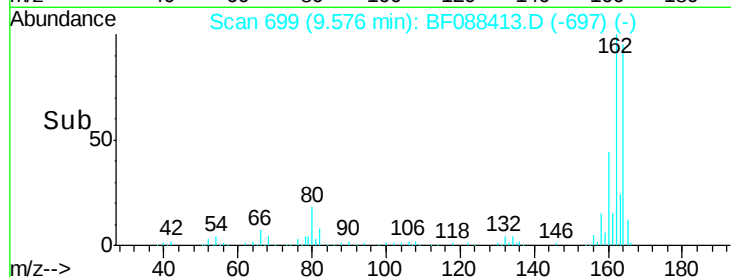


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

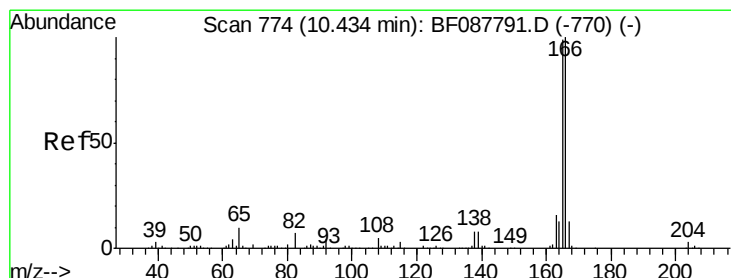
Ion 182.00 (181.70 to 182.70): E



Abundance

9.58

Time-->



#57

Fluorene

Concen: Below Cal

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088413.D

Acq: 26 Jun 2016 12:37

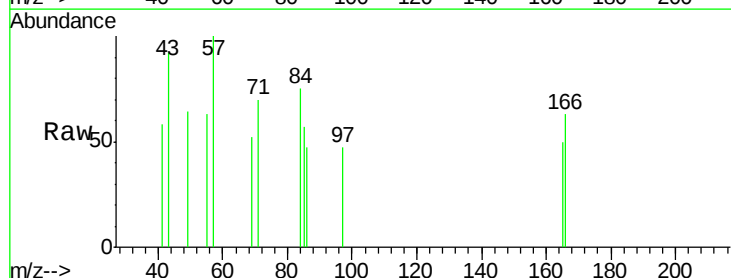
Tgt Ion:166 Resp: 591

Ion Ratio Lower Upper

166 100

165 79.9 77.8 116.8

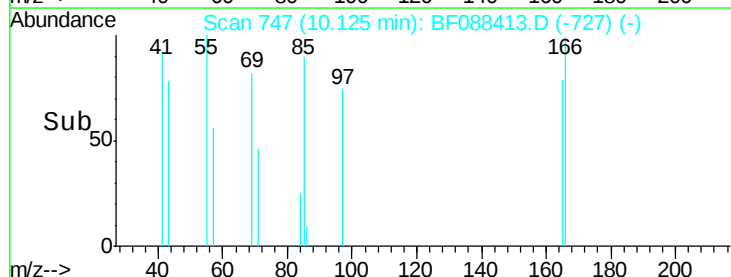
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

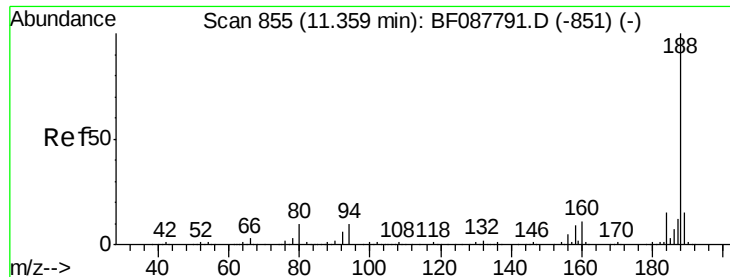
Ion 167.00 (166.70 to 167.70): E



Abundance

10.12

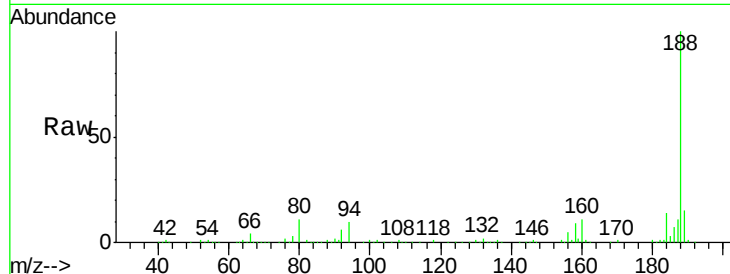
Time-->



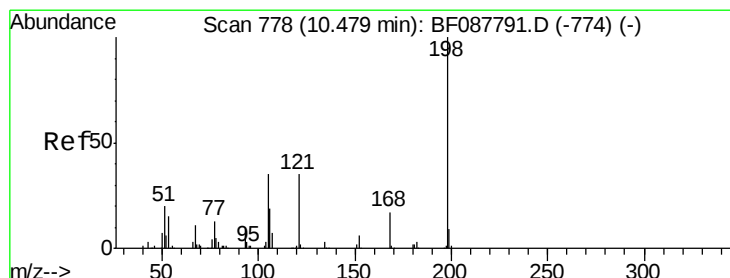
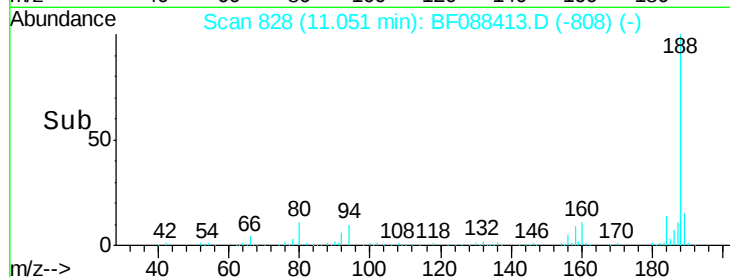
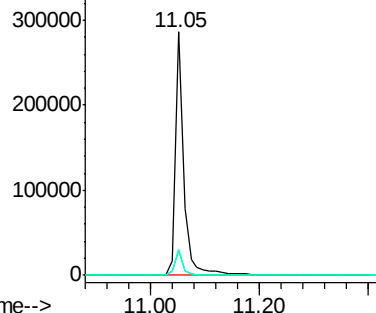
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 305223
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.7 10.0 15.0

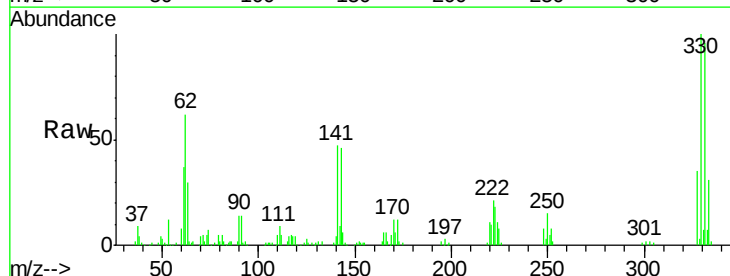


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

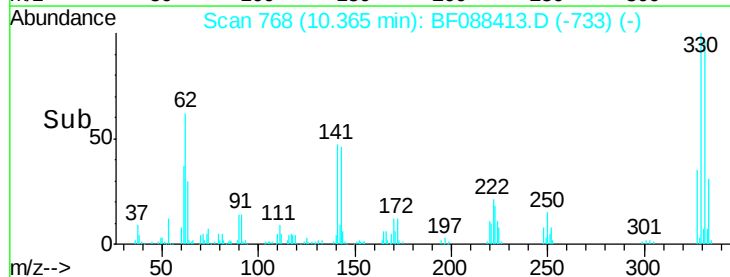
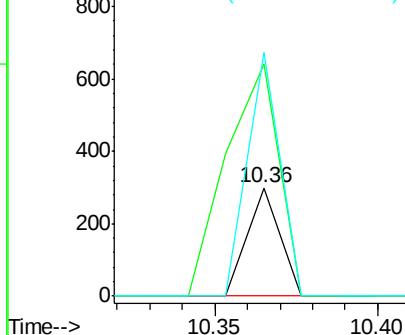


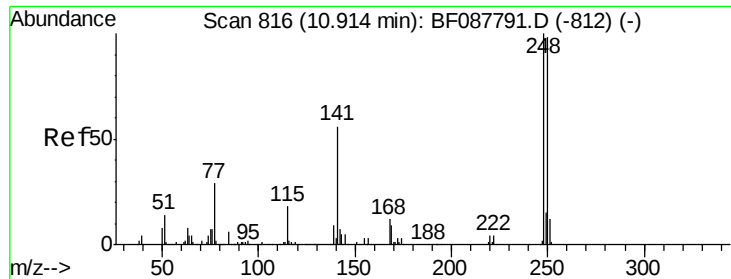
#64
4,6-Dinitro-2-methylphenol
Concen: 2.27 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.10 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Tgt Ion:198 Resp: 206
Ion Ratio Lower Upper
198 100
51 214.0 39.6 79.6#
105 224.3 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

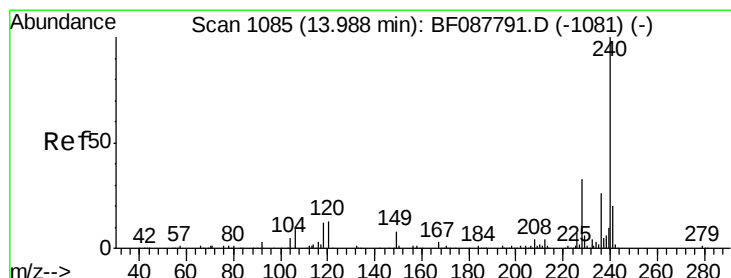
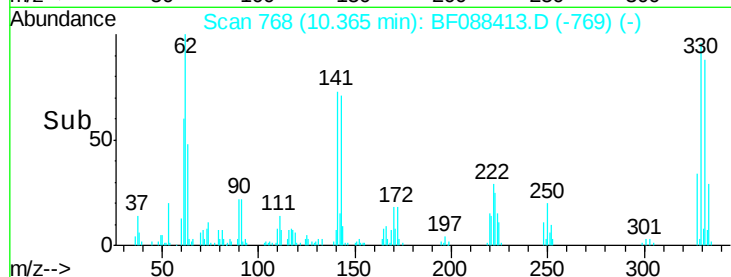
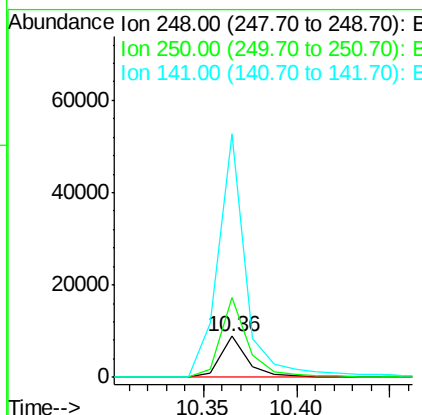
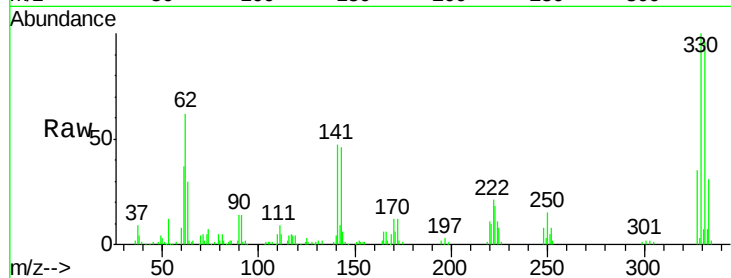




#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

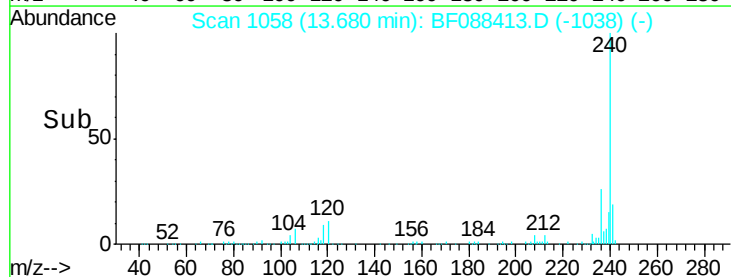
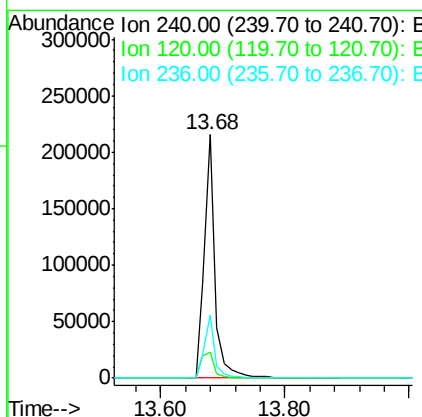
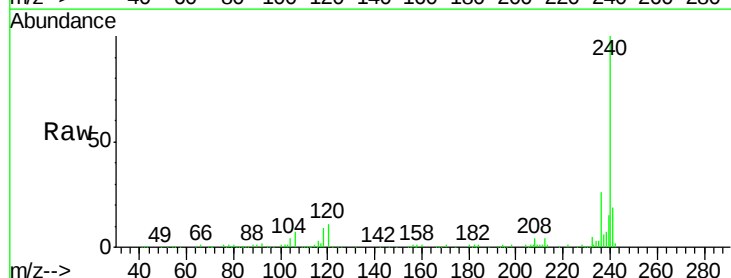
Instrument :
BNA_G
ClientSampleId :

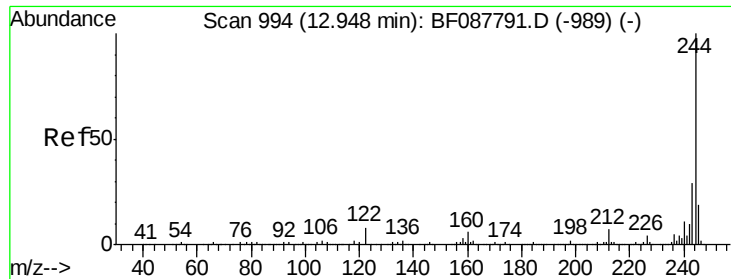
Tot Ion:248 Resp: 8957
Ion Ratio Lower Upper
248 100
250 193.0 77.1 115.7#
141 592.0 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Tgt Ion:240 Resp: 260976
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 25.7 20.2 30.2

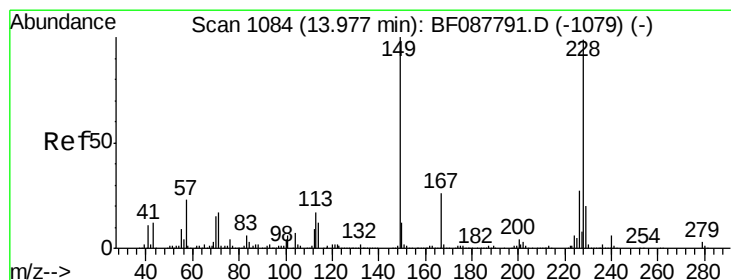
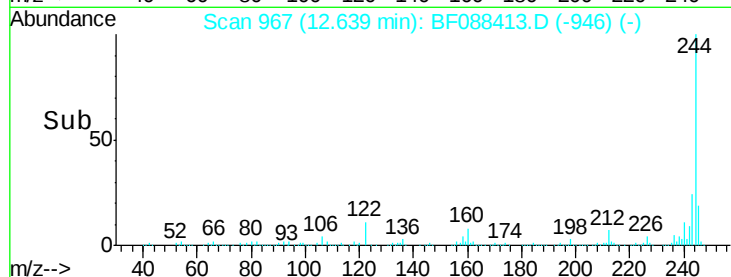
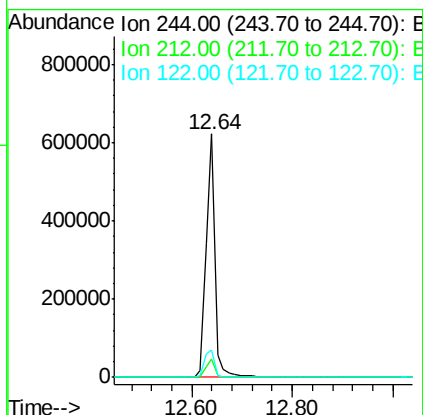
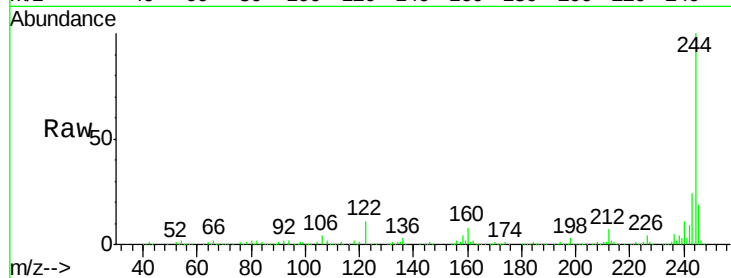




#78
 Terphenyl-d14
 Concen: 65.82 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088413.D
 Acq: 26 Jun 2016 12:37

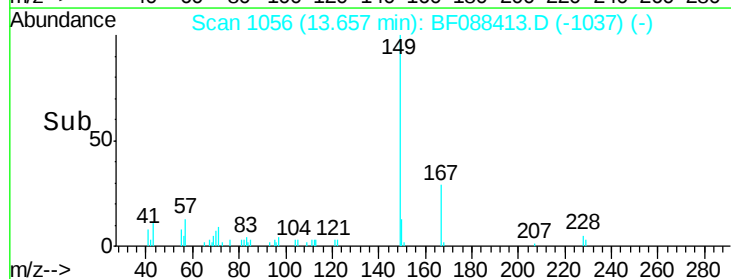
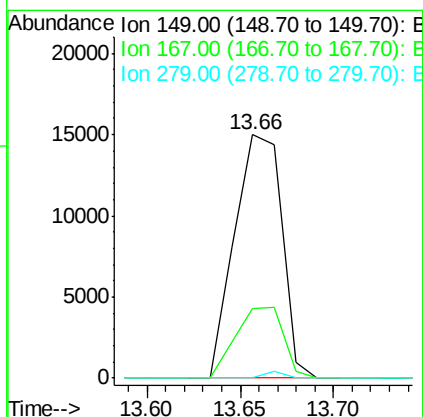
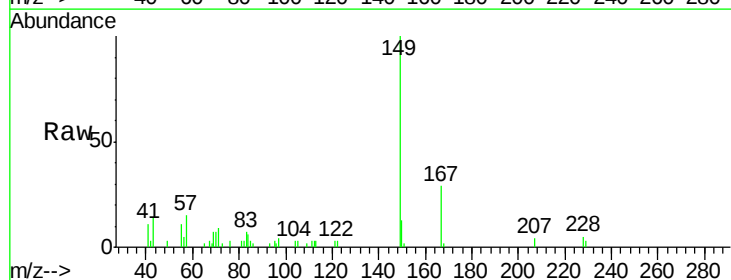
Instrument :
 BNA_G
 ClientSampleId :

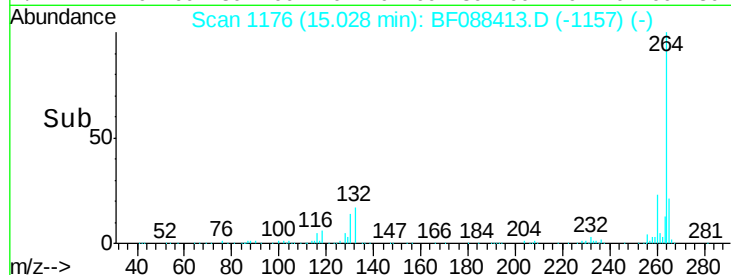
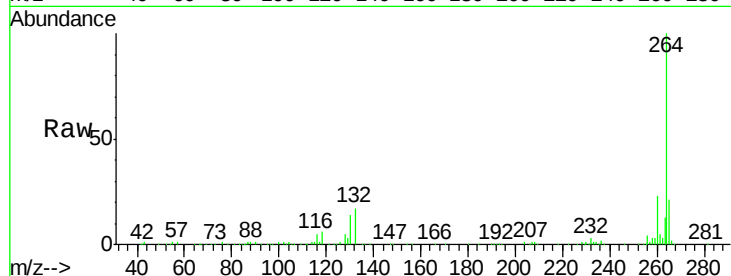
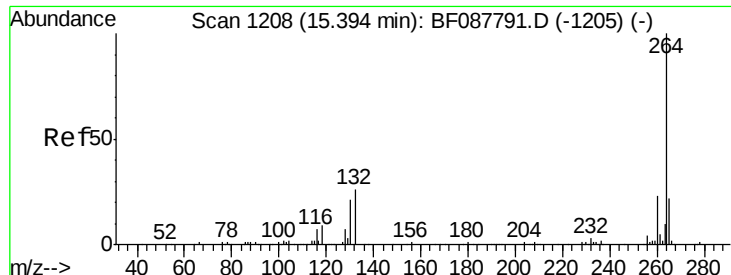
Tot Ion:244 Resp: 754880
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 11.2 16.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.53 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.08 min
 Lab File: BF088413.D
 Acq: 26 Jun 2016 12:37

Tgt Ion:149 Resp: 26392
 Ion Ratio Lower Upper
 149 100
 167 28.6 20.5 30.7
 279 0.0 2.0 3.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088413.D
Acq: 26 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	16.9	25.3

