

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088080.D
 Acq On : 16 Jun 2016 17:22
 Operator : UM/SJ
 Sample : H3570-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Jun 16 18:22:38 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

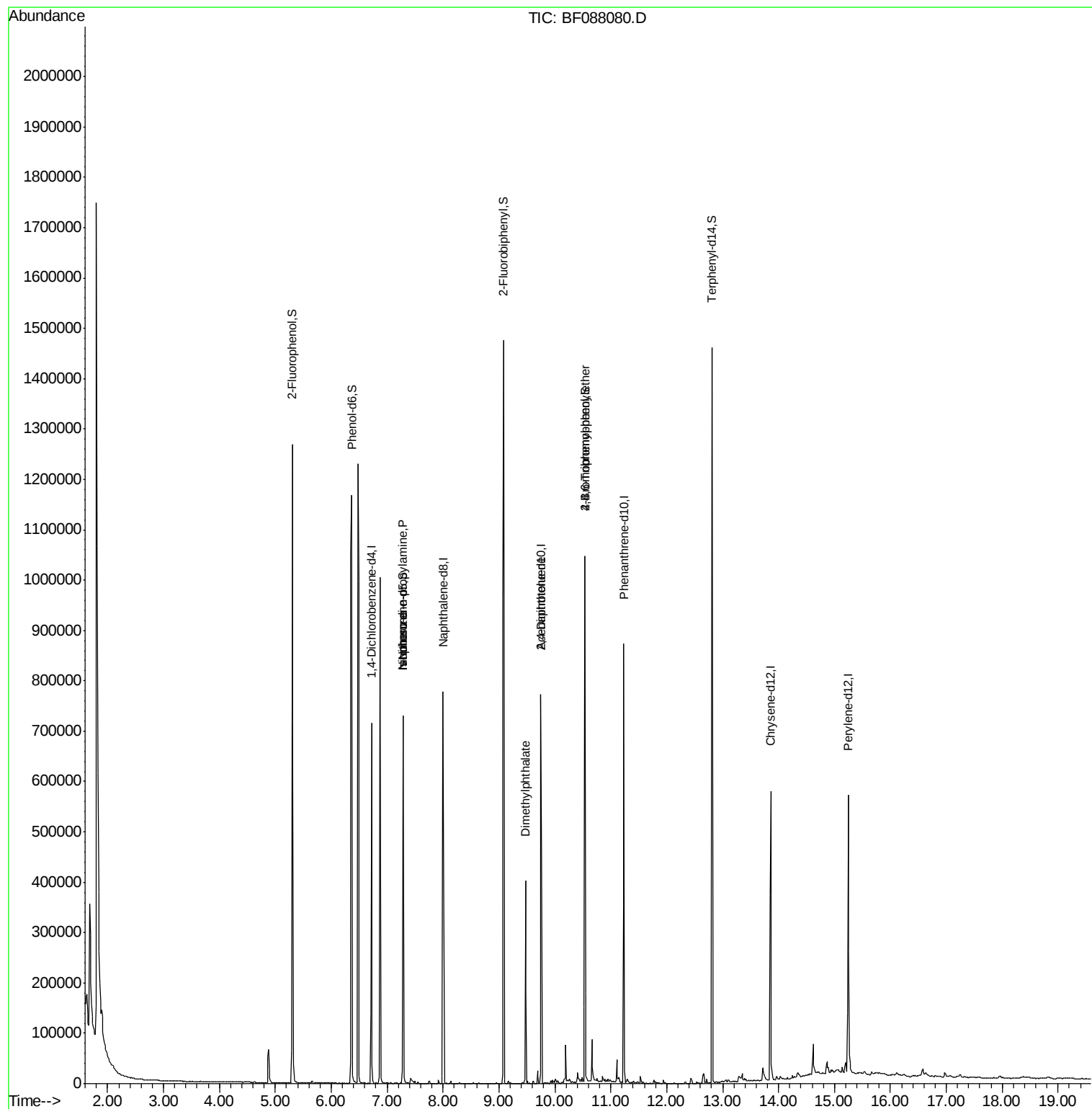
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111462	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	412093	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	186241	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	347643	20.00	ng	0.00
75) Chrysene-d12	13.86	240	235213	20.00	ng	0.00
86) Perylene-d12	15.25	264	236955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	469912	72.07	ng	0.00
7) Phenol-d6	6.36	99	646234	81.78	ng	0.00
23) Nitrobenzene-d5	7.28	82	351297	49.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	113375	57.65	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	608843	49.01	ng	0.00
78) Terphenyl-d14	12.81	244	427140	41.32	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	5669	Below Cal		95
19) n-Nitroso-di-n-propylamine	7.28	70	43329	8.57 ng	#	74
25) Isophorone	7.28	82	345186	26.41 ng	#	65
45) 1,1'-Biphenyl	9.08	154	1193	Below Cal	#	1
49) Dimethylphthalate	9.47	163	193363	14.33 ng		99
56) 2,4-Dinitrotoluene	9.75	165	23746	5.98 ng	#	36
57) Fluorene	10.54	166	6161	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.54	248	7681	2.06 ng	#	1

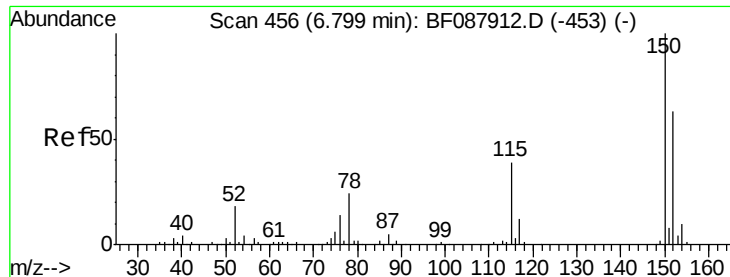
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
Data File : BF088080.D
Acq On : 16 Jun 2016 17:22
Operator : UM/SJ
Sample : H3570-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Quant Time: Jun 16 18:22:38 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



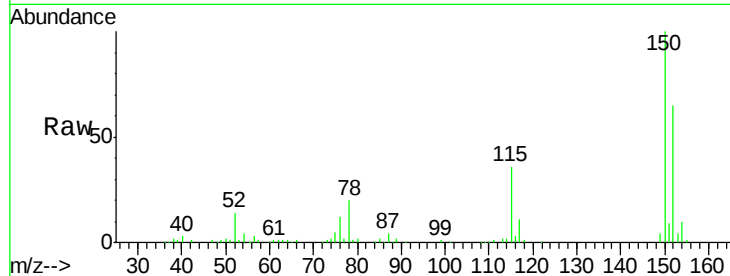


#1

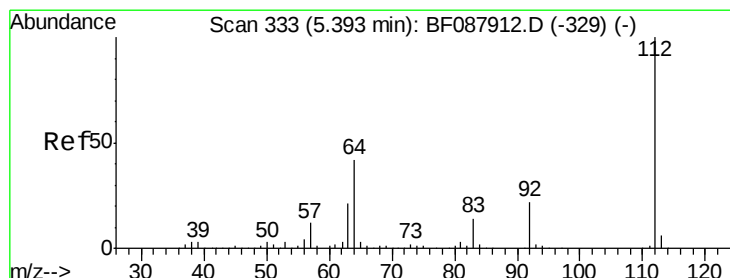
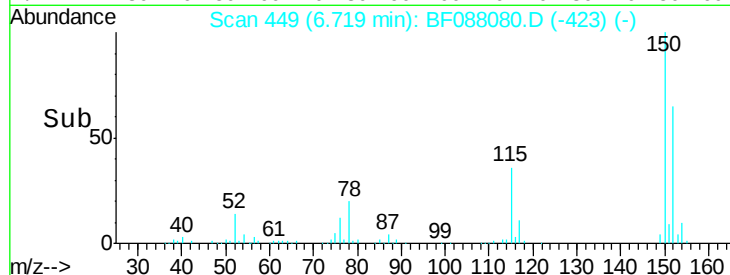
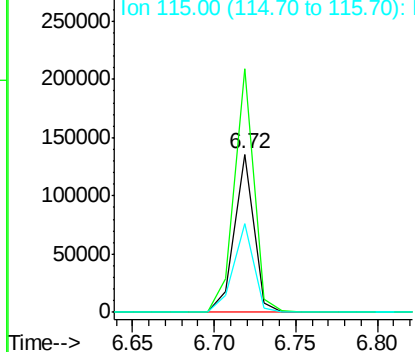
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion:152 Resp: 111462
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 55.7 39.6 59.4



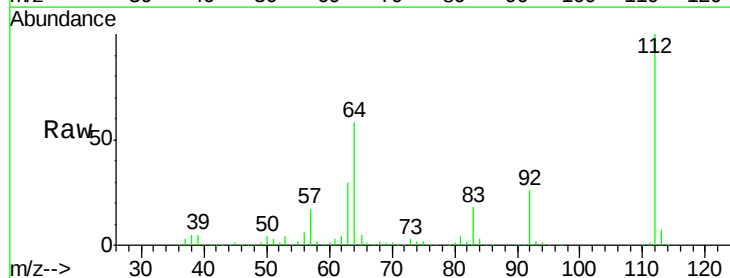
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



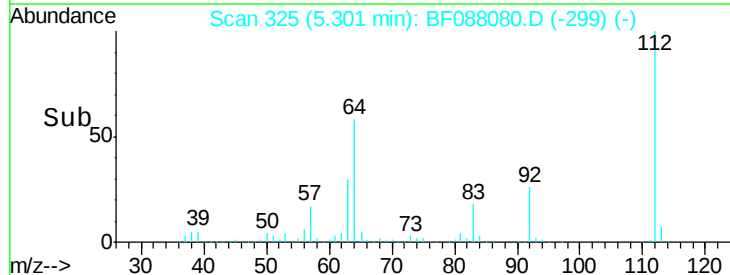
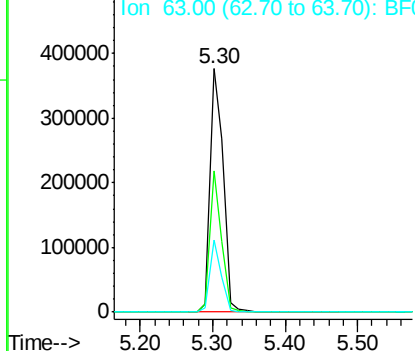
#5

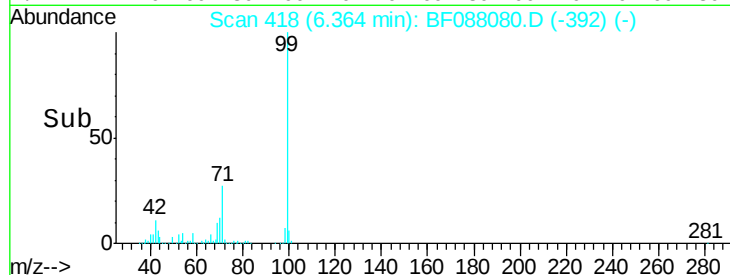
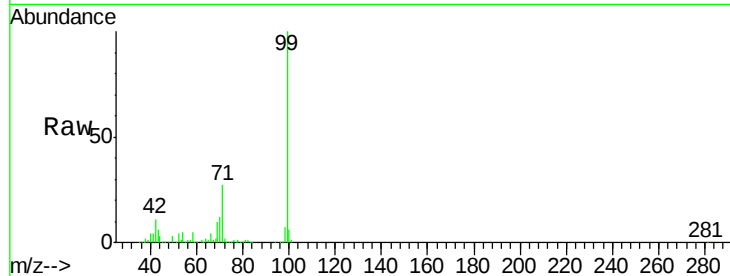
2-Fluorophenol
Concen: 72.07 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Tgt Ion:112 Resp: 469912
Ion Ratio Lower Upper
112 100
64 58.2 42.2 63.2
63 29.5 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: 81.78 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

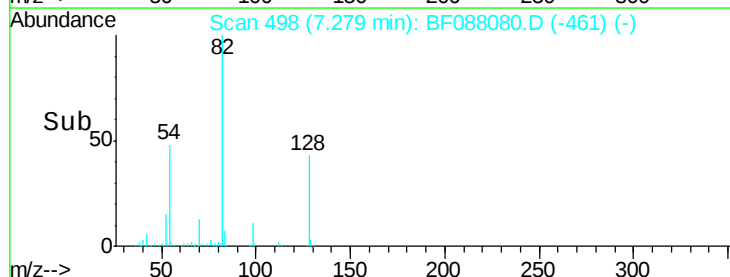
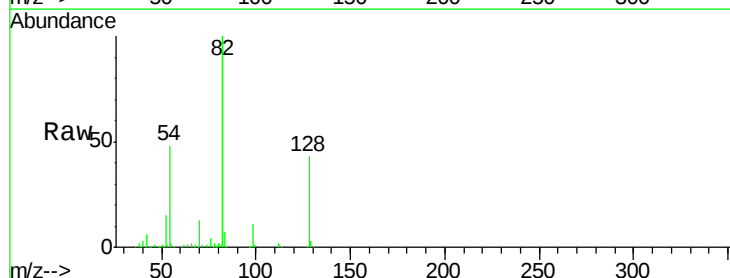
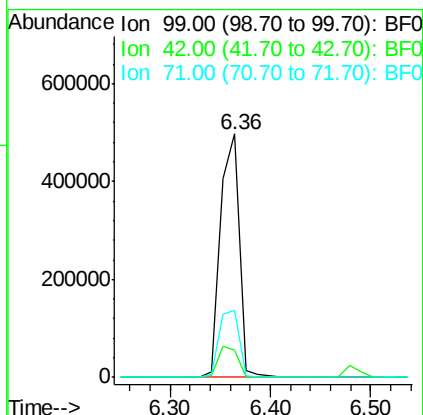
Tgt Ion: 99 Resp: 646234

Ion Ratio Lower Upper

99 100

42 11.5 12.2 18.2#

71 27.3 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.57 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.13 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Tgt Ion: 70 Resp: 43329

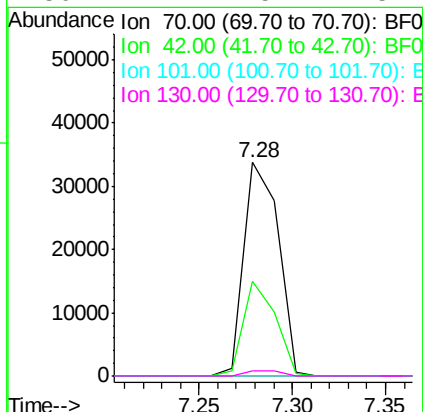
Ion Ratio Lower Upper

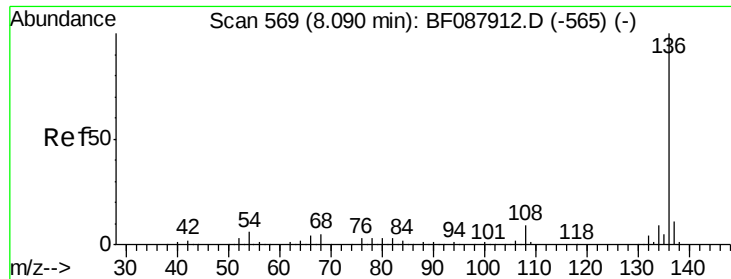
70 100

42 44.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

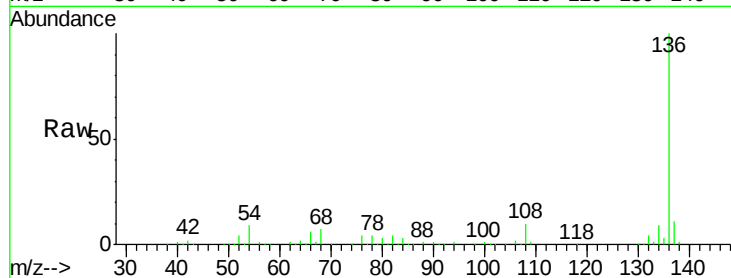




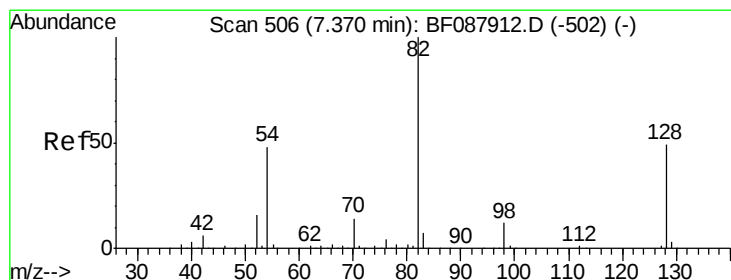
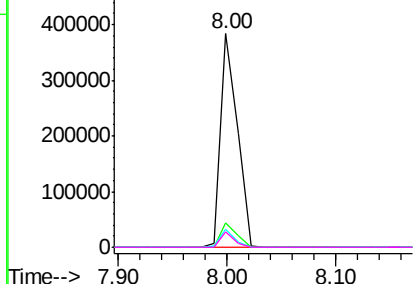
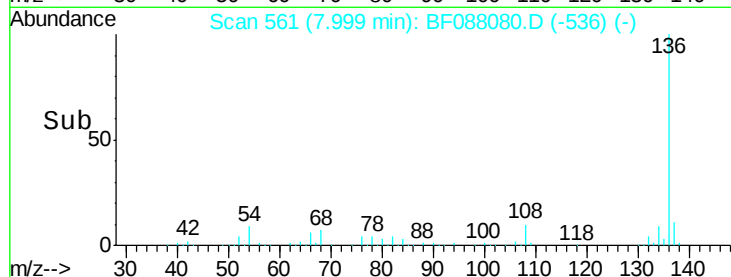
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion:	136	Resp:	412093
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.6	6.6	10.0
68	7.0	5.1	7.7

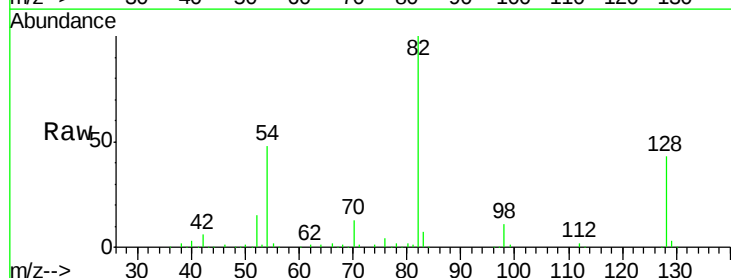


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

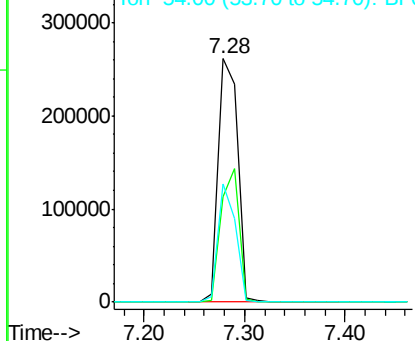
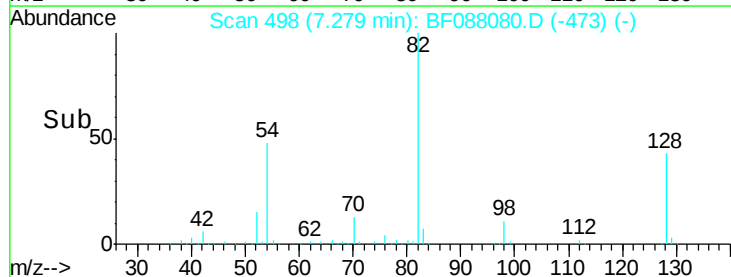


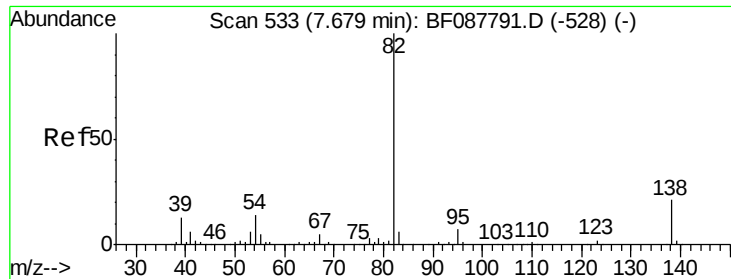
#23
Nitrobenzene-d5
Concen: 49.78 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Tgt Ion:	82	Resp:	351297
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.9	53.9
54	48.4	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: 26.41 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.27 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

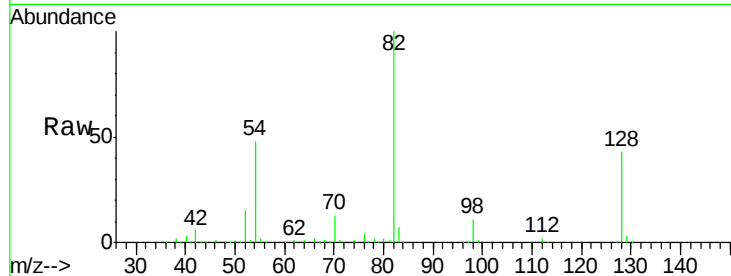
Tgt Ion: 82 Resp: 345186

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

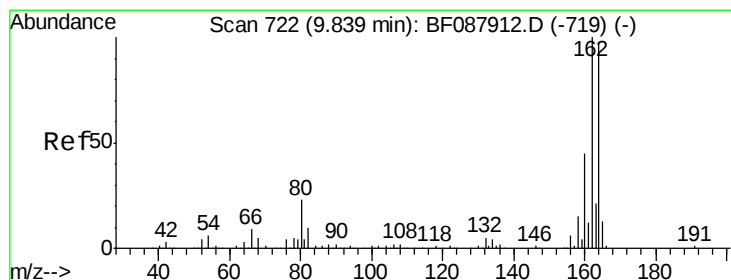
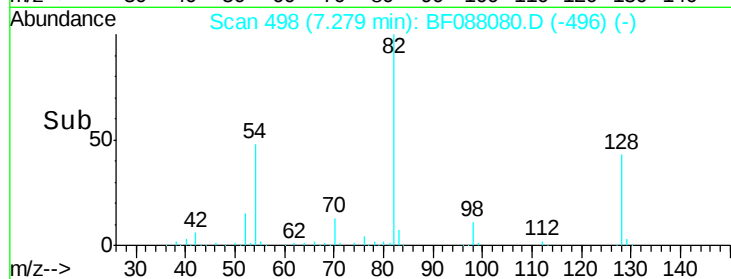
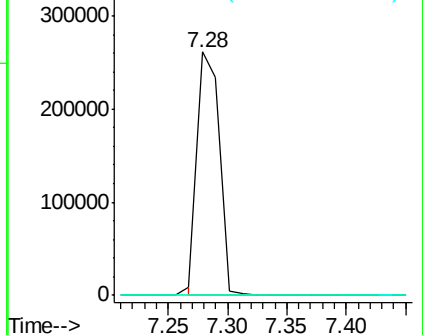
138 0.0 14.6 21.8#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

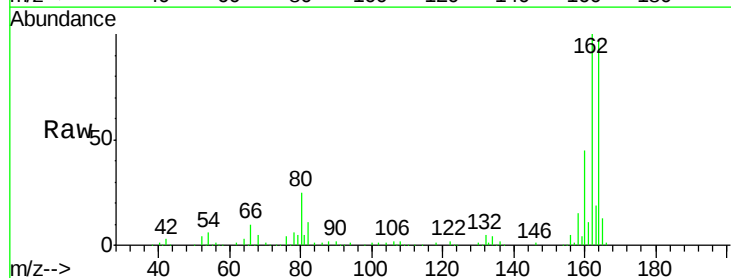
Tgt Ion: 164 Resp: 186241

Ion Ratio Lower Upper

164 100

162 103.1 85.4 128.2

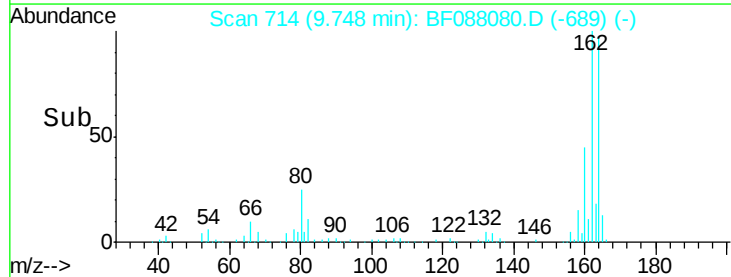
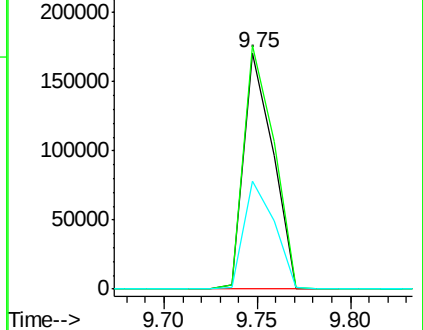
160 45.9 39.5 59.3

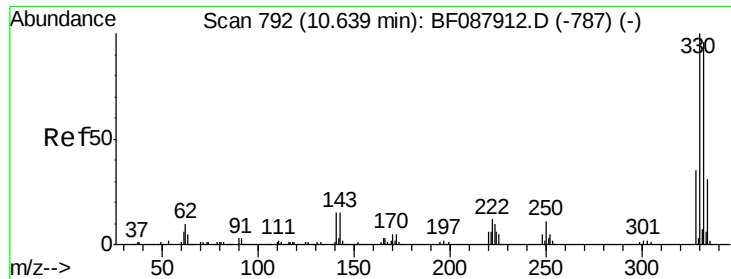


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

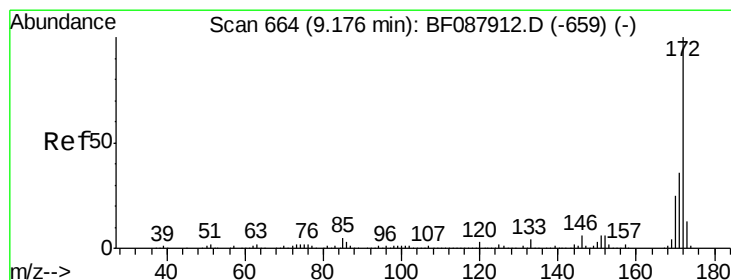
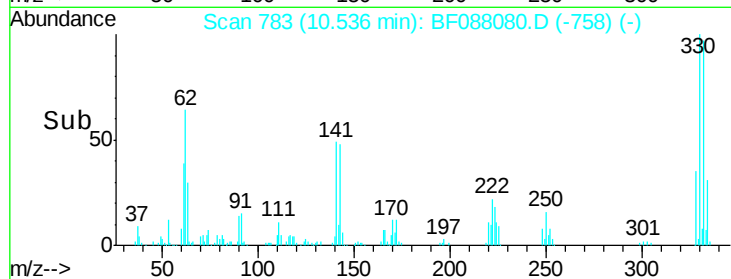
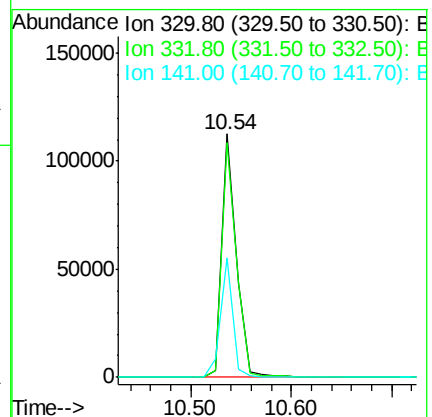
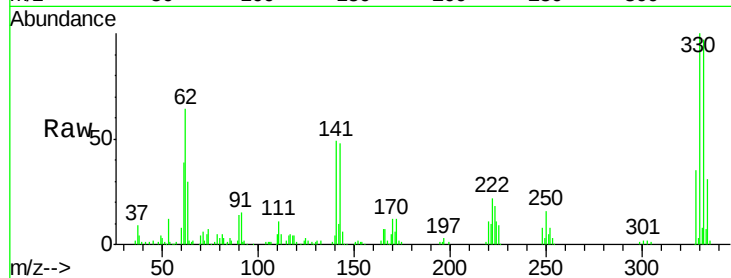




#41
 2,4,6-Tribromophenol
 Concen: 57.65 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

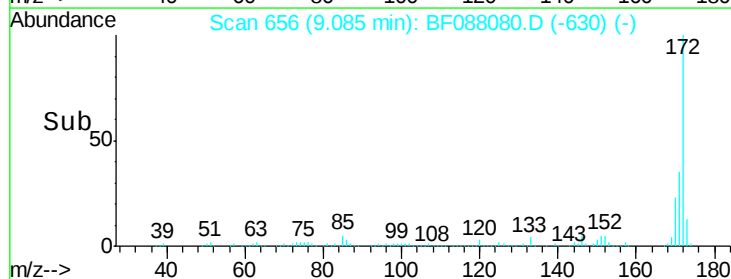
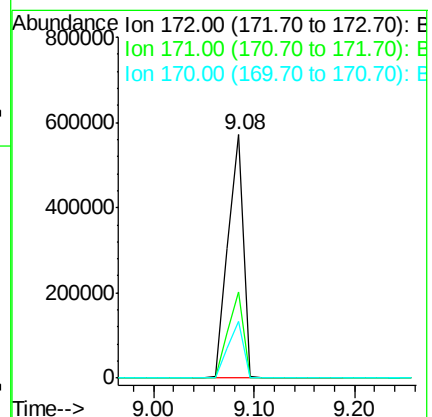
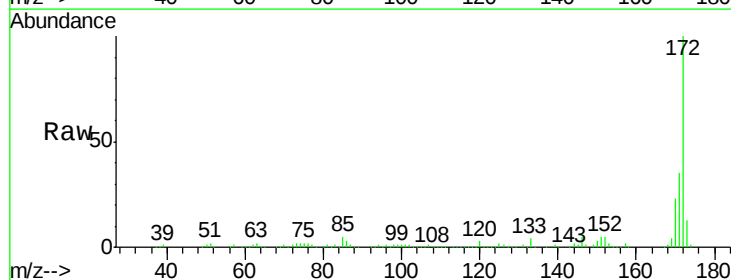
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

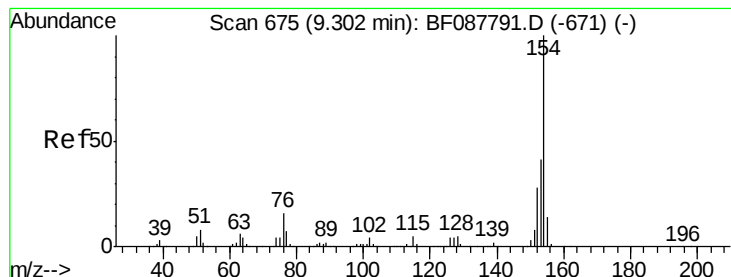
Tgt Ion:330 Resp: 113375
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 41.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 49.01 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

Tgt Ion:172 Resp: 608843
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.5 19.2 28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.08 min Scan# 656

Delta R.T. -0.10 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

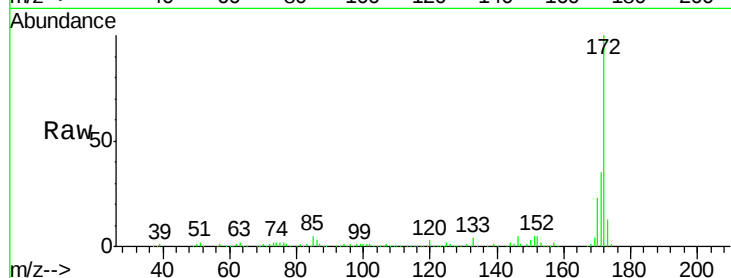
Tgt Ion:154 Resp: 1193

Ion Ratio Lower Upper

154 100

153 868.9 20.6 60.6#

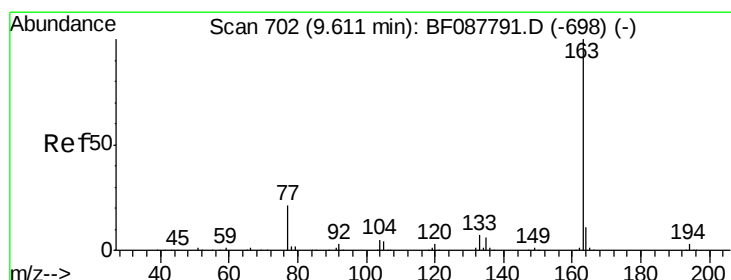
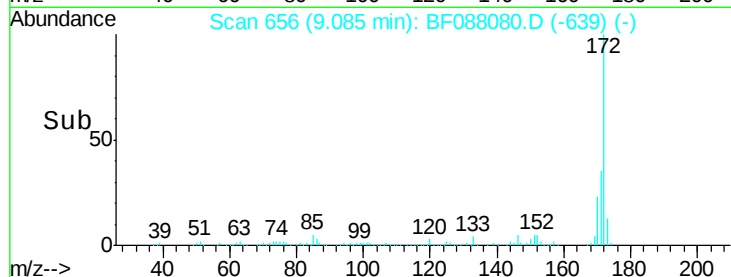
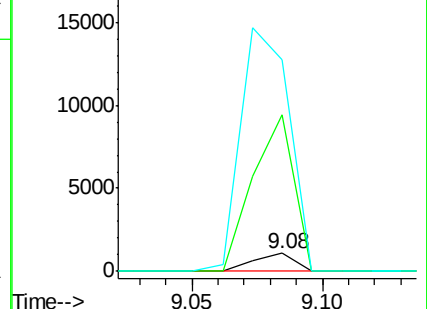
76 1179.6 0.0 35.1#



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): BF0



#49

Dimethylphthalate

Concen: 14.33 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

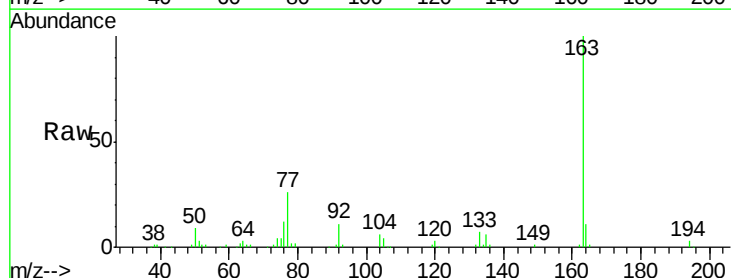
Tgt Ion:163 Resp: 193363

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

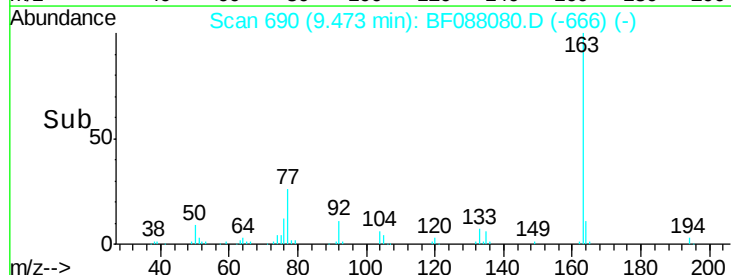
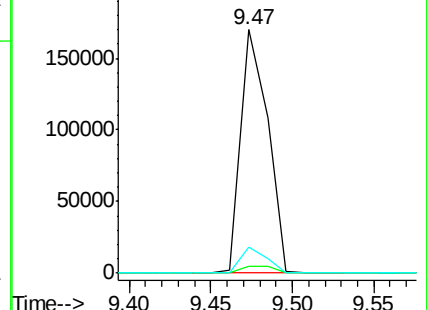
164 10.6 8.3 12.5

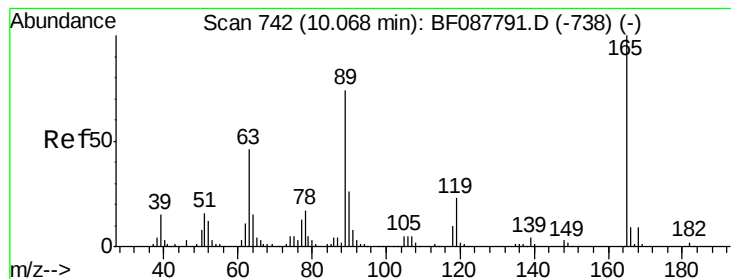


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.98 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.21 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

Tgt Ion:165 Resp: 23746

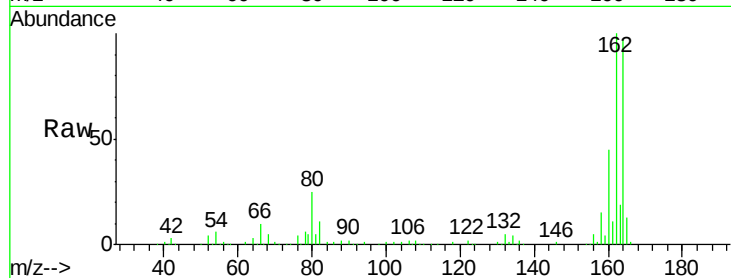
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

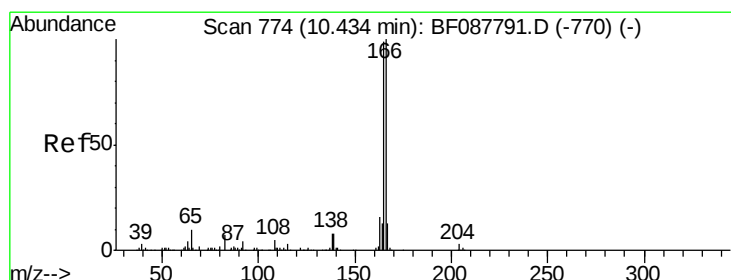
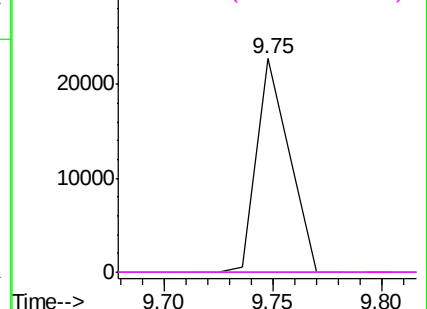
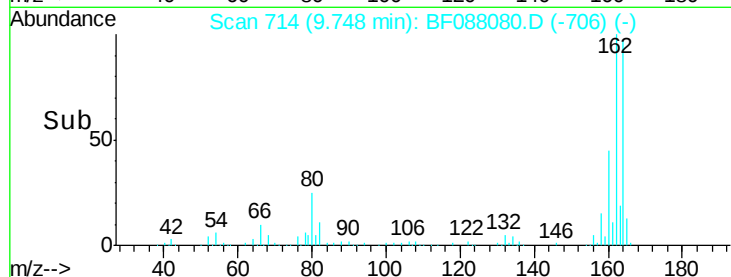


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.54 min Scan# 783

Delta R.T. 0.23 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

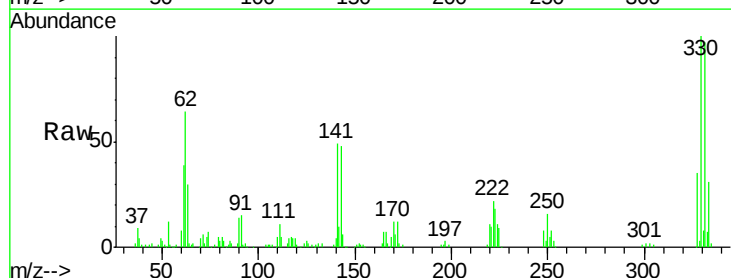
Tgt Ion:166 Resp: 6161

Ion Ratio Lower Upper

166 100

165 109.2 77.8 116.8

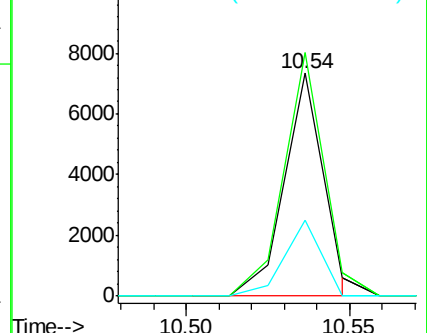
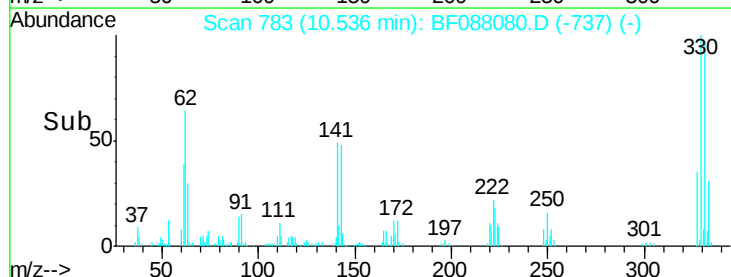
167 34.2 11.2 16.8#

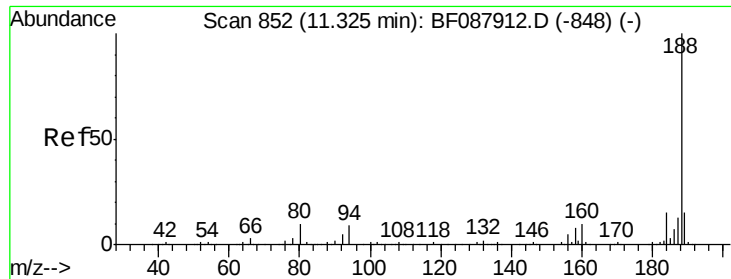


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

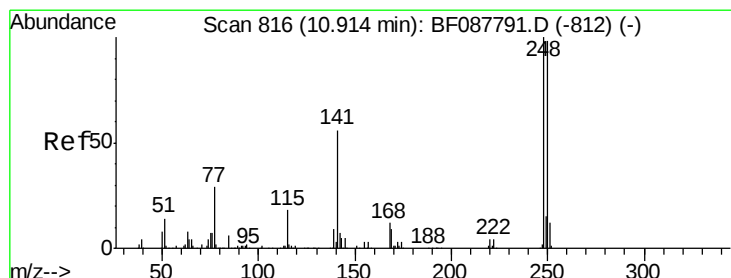
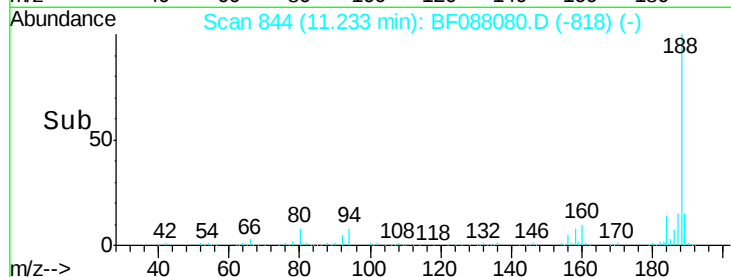
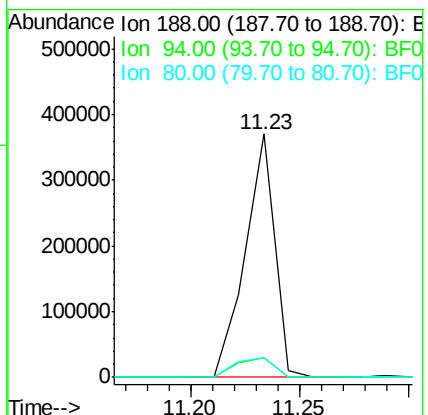
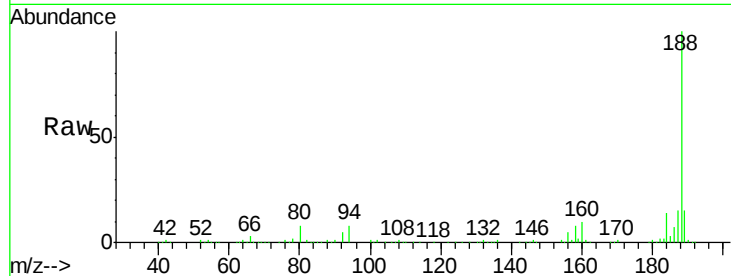




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

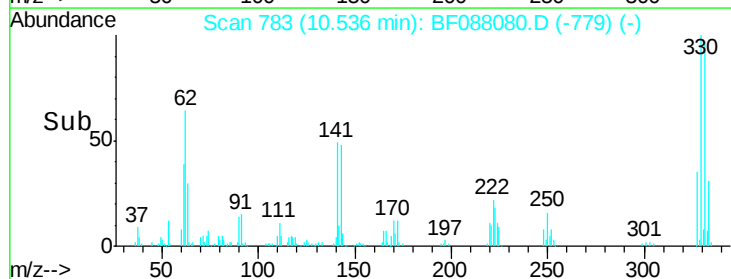
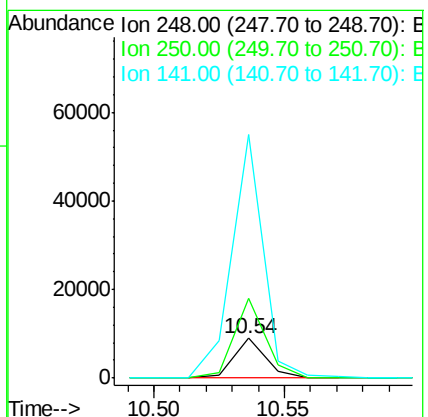
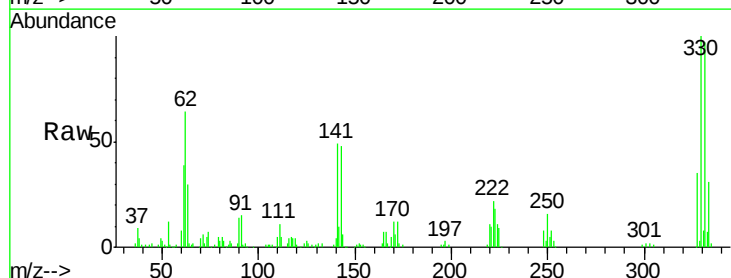
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

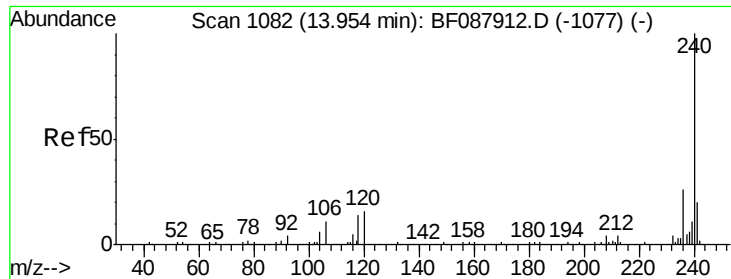
Tgt Ion:188 Resp: 347643
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 8.0 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 2.06 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.25 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Tgt Ion:248 Resp: 7681
Ion Ratio Lower Upper
248 100
250 197.8 77.1 115.7#
141 608.2 50.6 76.0#

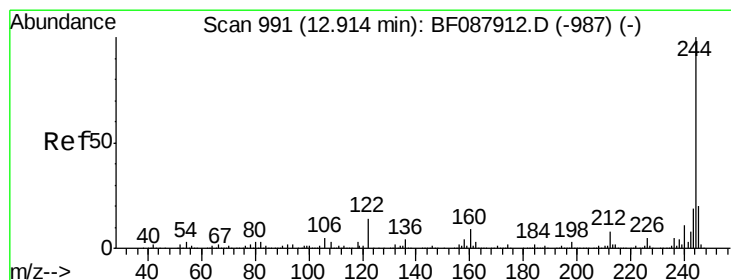
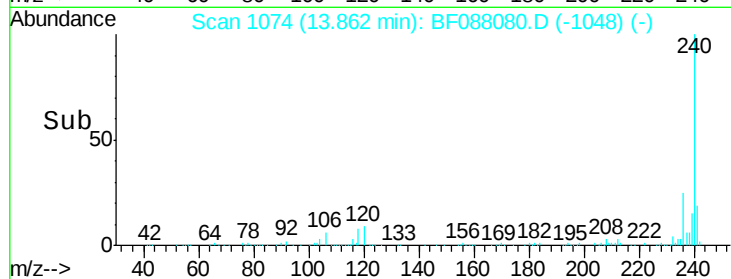
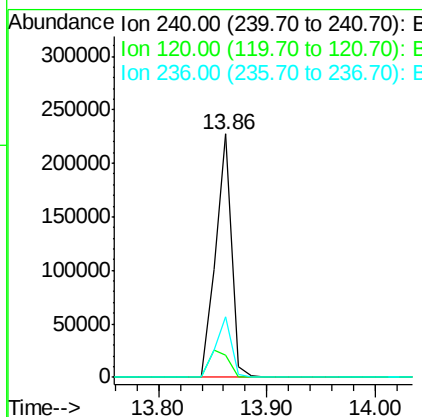
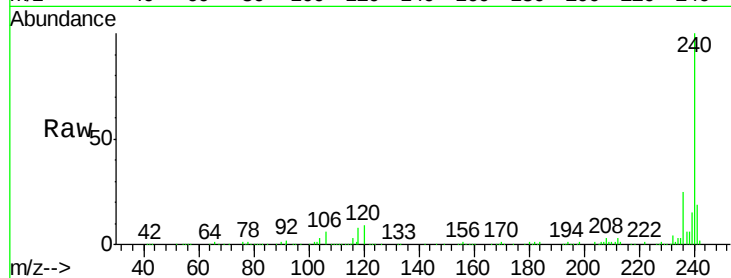




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

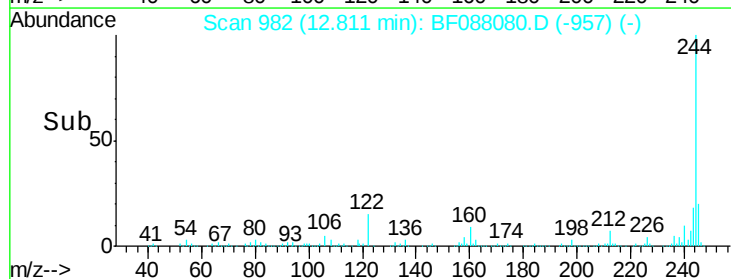
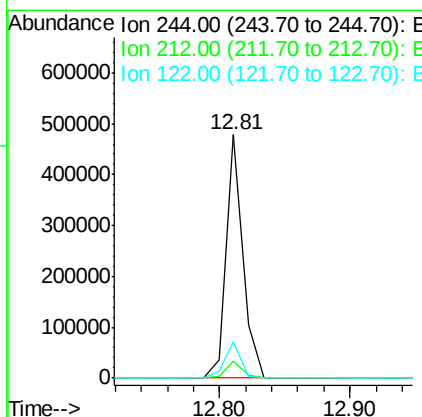
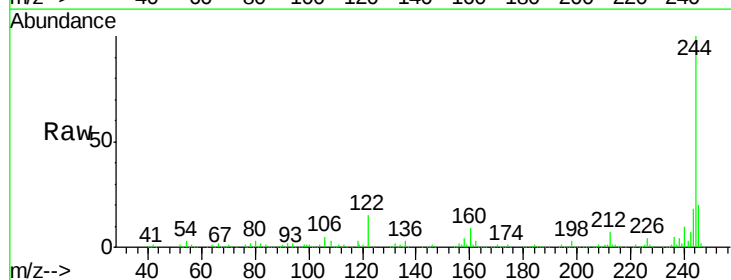
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

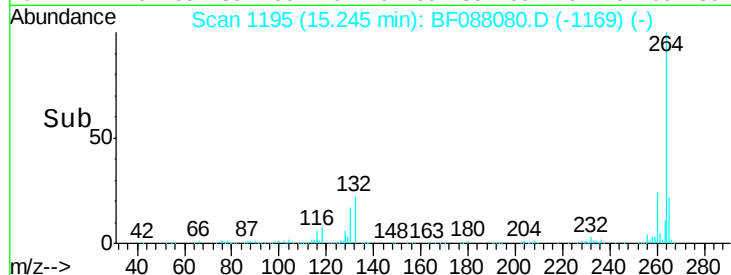
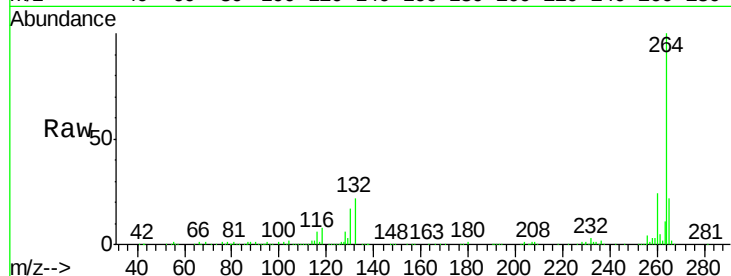
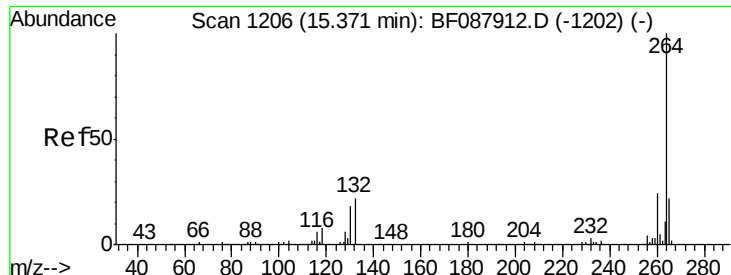
Tgt Ion:240 Resp: 235213
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.1 20.2 30.2



#78
Terphenyl-d14
Concen: 41.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Tgt Ion:244 Resp: 427140
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 15.1 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: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

Tgt Ion:264 Resp: 236955

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 16.9 25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

