

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088280.D
 Acq On : 23 Jun 2016 7:28
 Operator : UM/SJ
 Sample : H3065-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:02:41 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

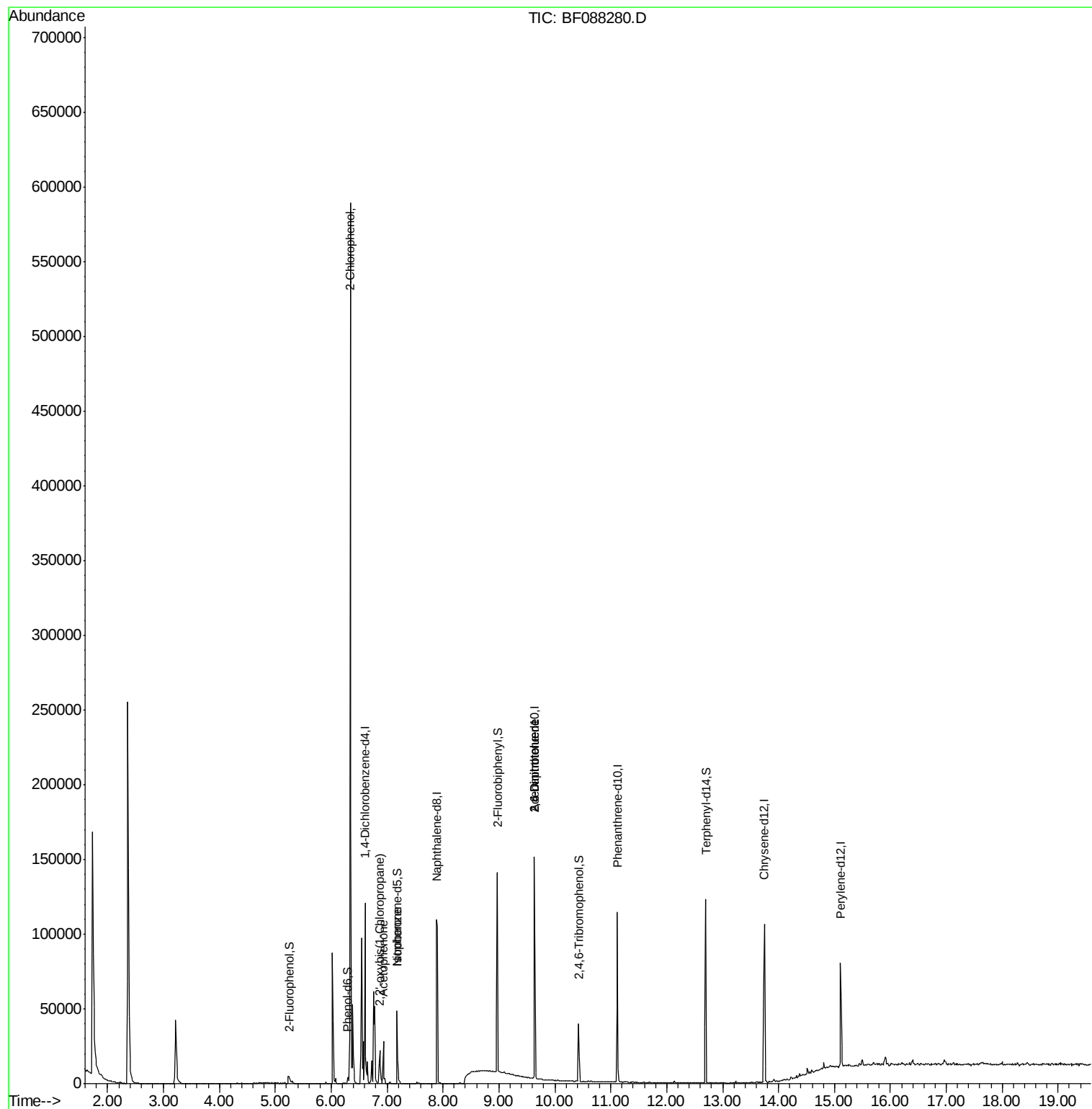
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	21048	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	83860	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	35117	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	51867	20.00	ng	0.00
75) Chrysene-d12	13.75	240	49256	20.00	ng	0.00
86) Perylene-d12	15.11	264	33858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	5969	4.85	ng	0.07
7) Phenol-d6	6.30	99	5102	3.42	ng	0.03
23) Nitrobenzene-d5	7.18	82	20935	14.58	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	6094	16.43	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	47684	16.89	ng	0.00
78) Terphenyl-d14	12.70	244	43465	20.08	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.34	128	4023	2.76	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	6.87	45	6872	3.89	ng	71
22) Acetophenone	6.94	105	3946	2.11	ng	# 57
25) Isophorone	7.18	82	20934	7.87	ng	# 65
50) 2,6-Dinitrotoluene	9.63	165	4600	7.90	ng	# 37
56) 2,4-Dinitrotoluene	9.63	165	4600	6.14	ng	# 36
57) Fluorene	10.42	166	266	Below Cal		# 93

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

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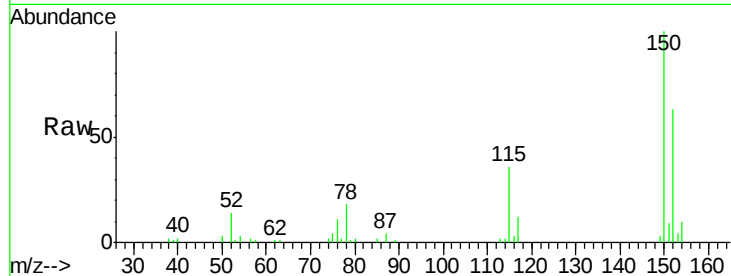


#1

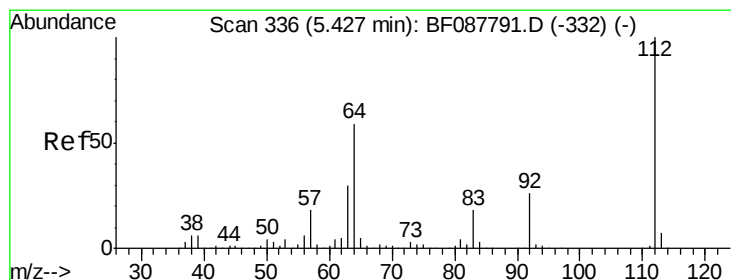
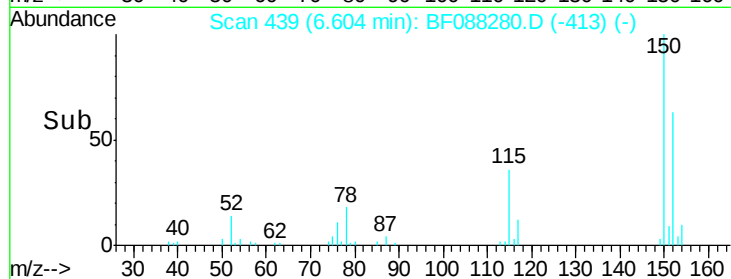
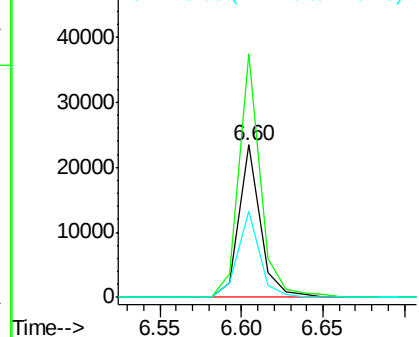
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088280.D
Acq: 23 Jun 2016 7:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 21048
Ion Ratio Lower Upper
152 100
150 159.9 123.8 185.6
115 56.9 39.6 59.4



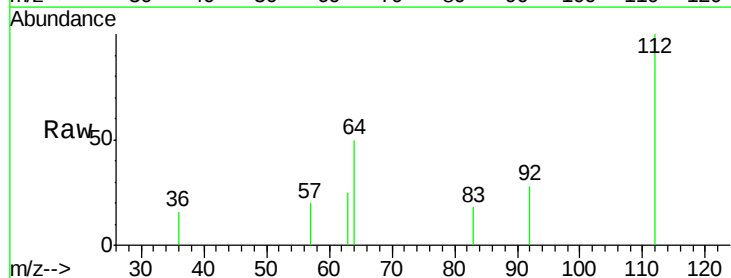
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



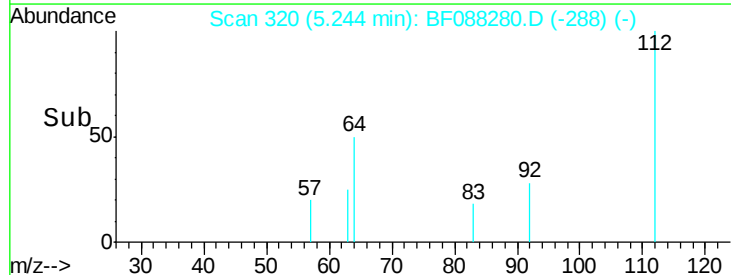
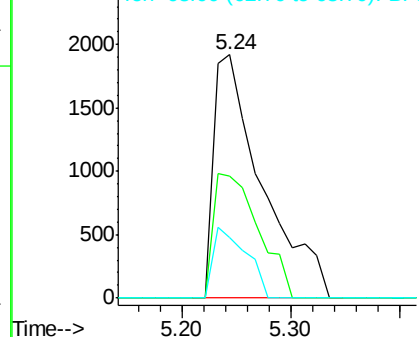
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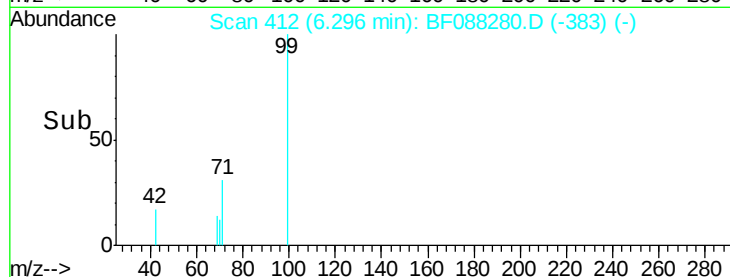
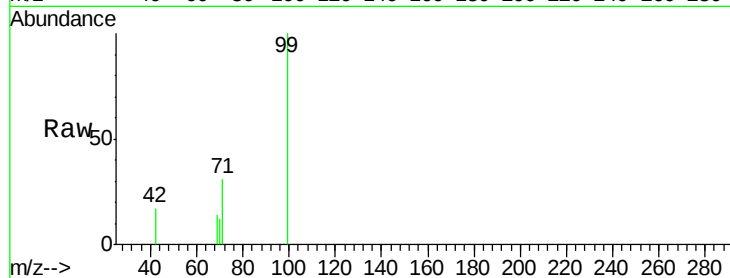
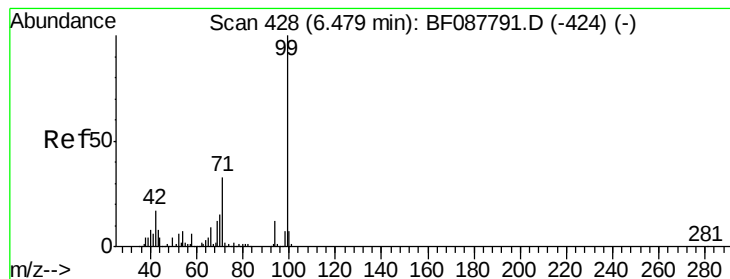
2-Fluorophenol
Concen: 4.85 ng
RT: 5.24 min Scan# 320
Delta R.T. 0.07 min
Lab File: BF088280.D
Acq: 23 Jun 2016 7:28

Tgt Ion:112 Resp: 5969
Ion Ratio Lower Upper
112 100
64 49.9 42.2 63.2
63 24.7 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: 3.42 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.03 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

Instrument :

BNA_F

ClientSampleId :

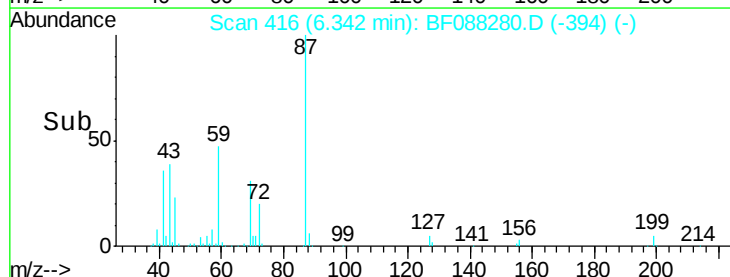
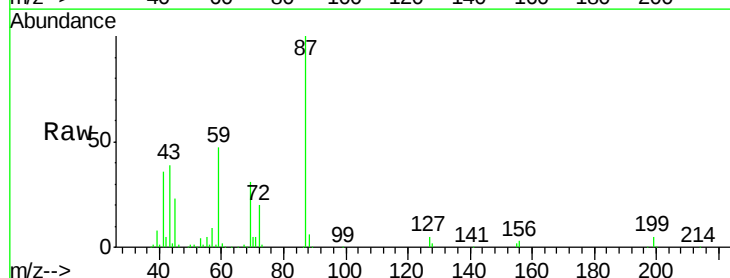
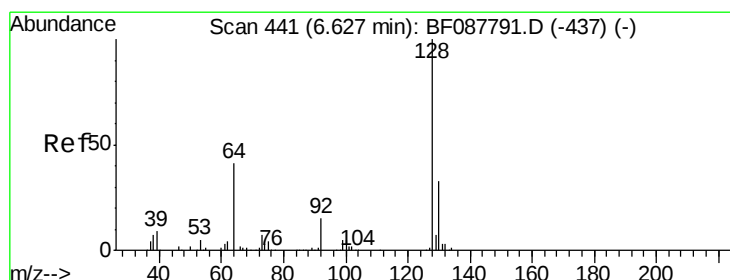
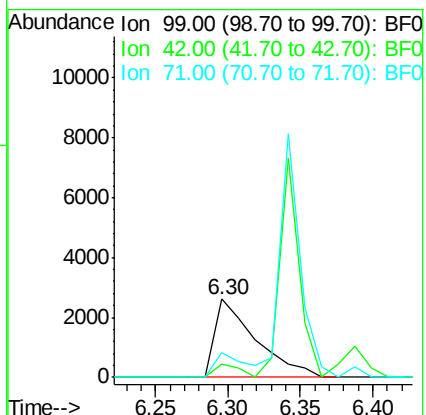
Tot Ion: 99 Resp: 5102

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 31.3 23.4 35.0



#8

2-Chlorophenol

Concen: 2.76 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

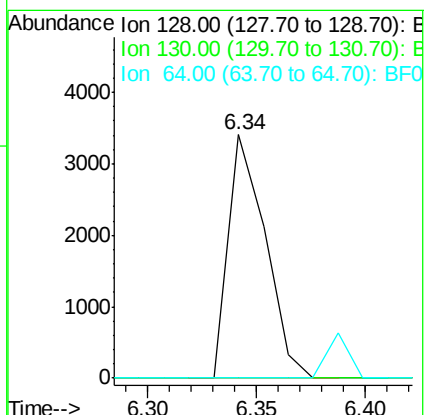
Tgt Ion: 128 Resp: 4023

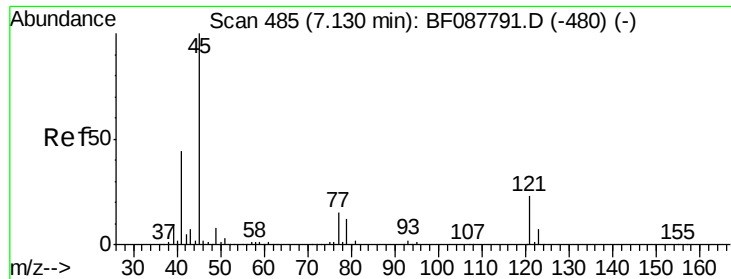
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 0.0 30.8 70.8#

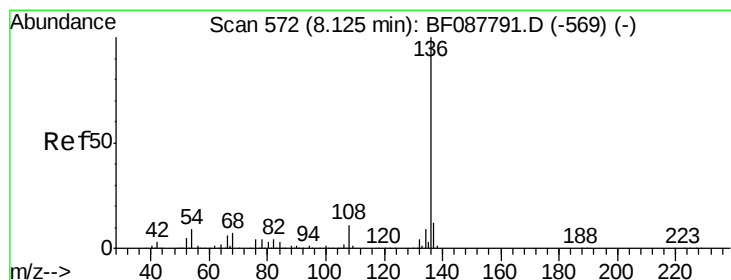
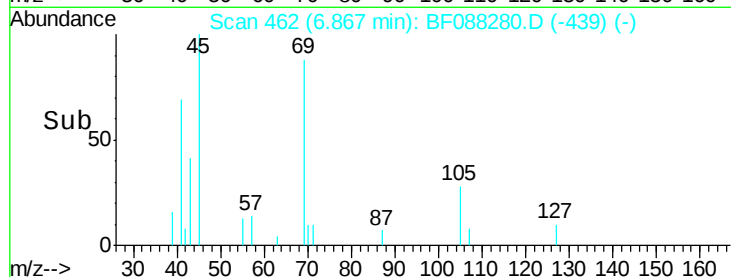
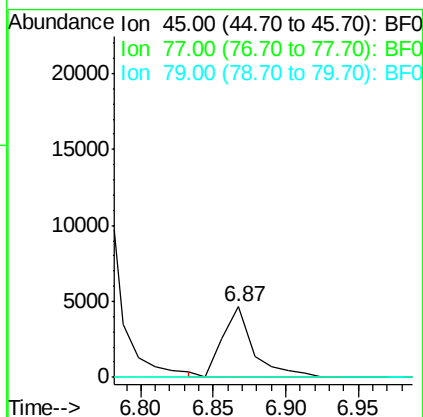
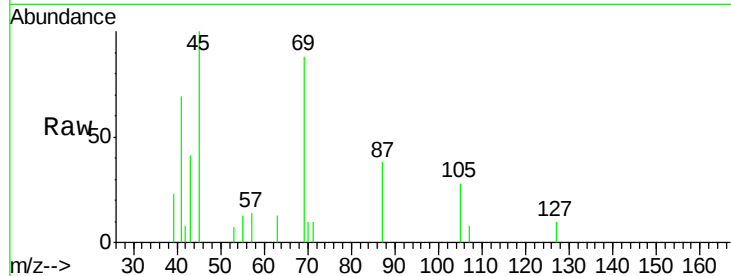




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 3.89 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

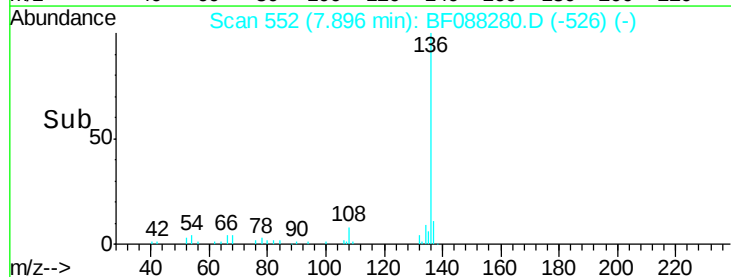
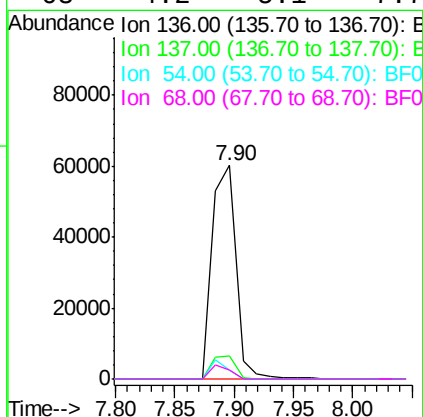
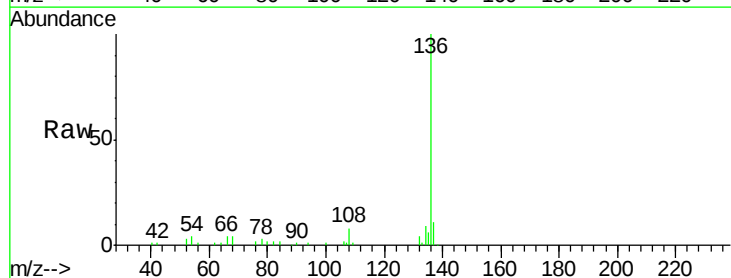
Instrument :
 BNA_F
 ClientSampleId :

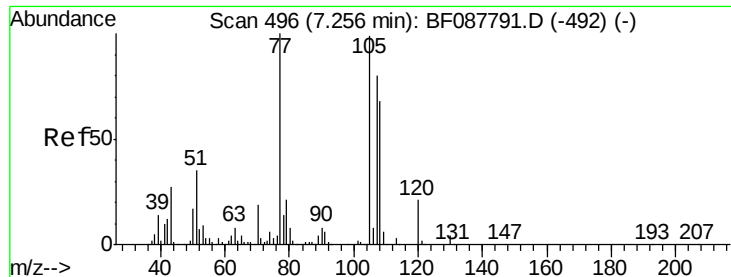
Tot Ion: 45 Resp: 6872
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 32.5
 79 0.0 0.0 29.5



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.90 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Tgt Ion: 136 Resp: 83860
 Ion Ratio Lower Upper
 136 100
 137 10.8 9.1 13.7
 54 4.4 6.6 10.0#
 68 4.2 5.1 7.7#

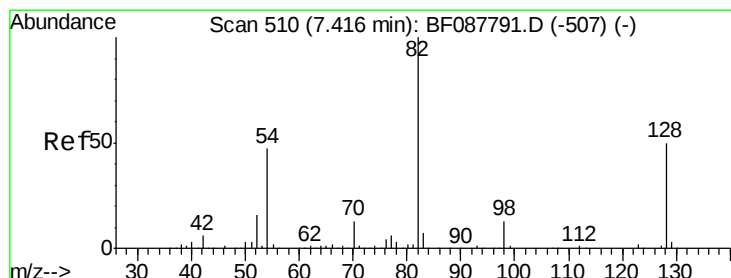
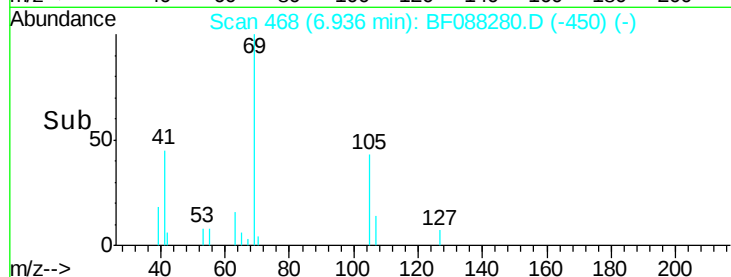
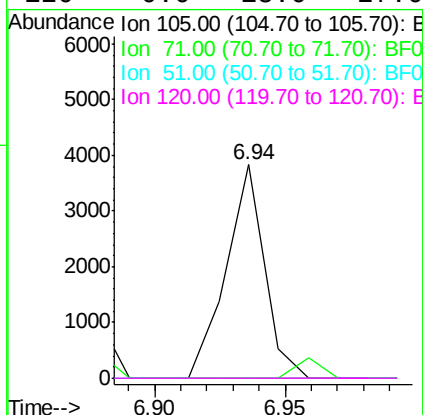
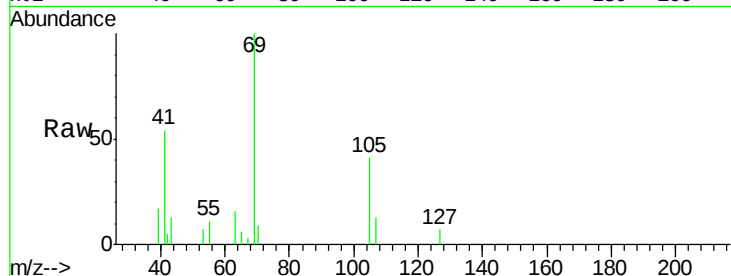




#22
Acetophenone
Concen: 2.11 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.09 min
Lab File: BF088280.D
Acq: 23 Jun 2016 7:28

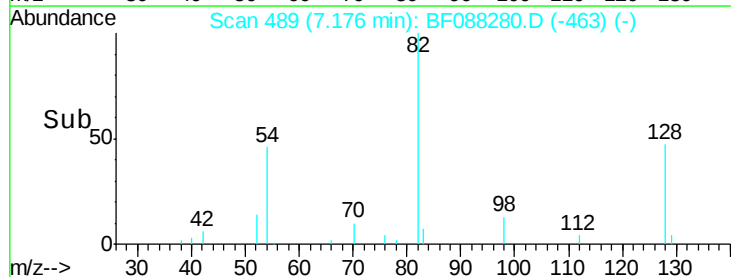
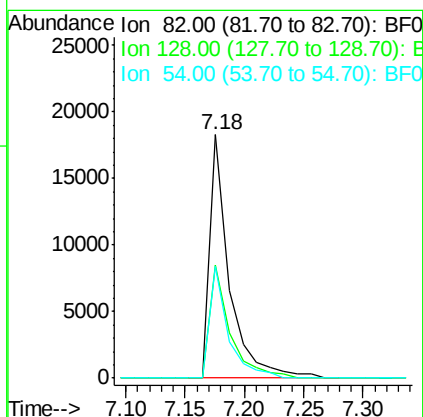
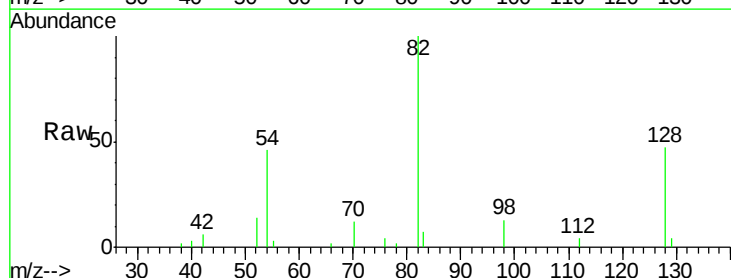
Instrument :
BNA_F
ClientSampleId :

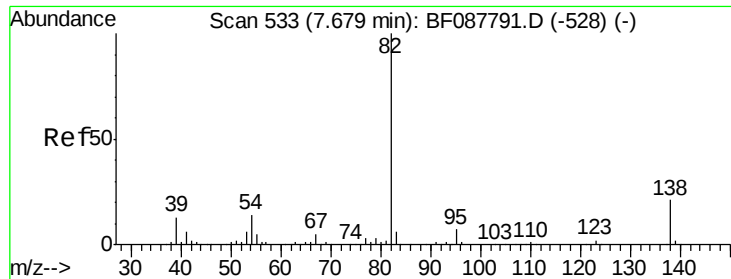
Tot Ion: 105 Resp: 3946
Ion Ratio Lower Upper
105 100
71 0.0 5.3 7.9#
51 0.0 18.2 27.4#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 14.58 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088280.D
Acq: 23 Jun 2016 7:28

Tgt Ion: 82 Resp: 20935
Ion Ratio Lower Upper
82 100
128 46.6 35.9 53.9
54 45.6 40.9 61.3





#25

Isophorone

Concen: 7.87 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

Instrument :

BNA_F

ClientSampled :

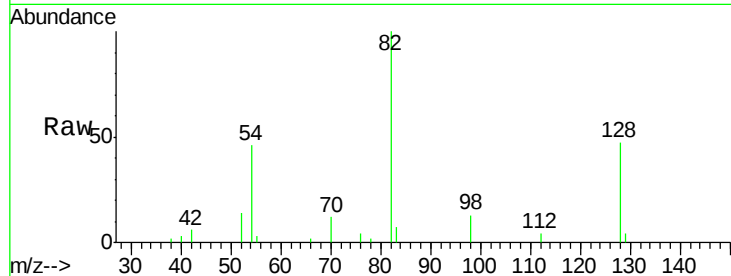
Tot Ion: 82 Resp: 20934

Ion Ratio Lower Upper

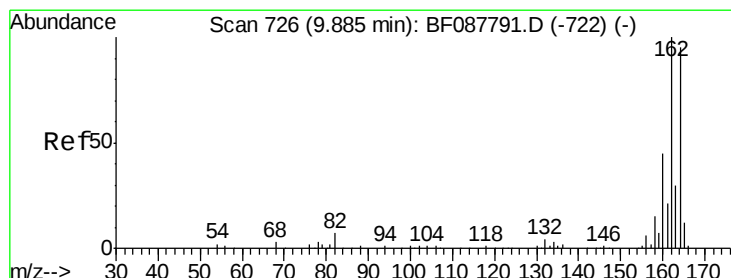
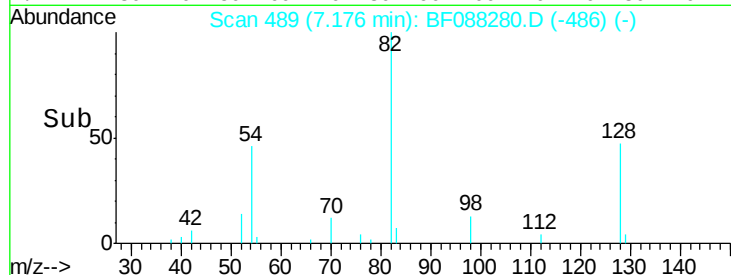
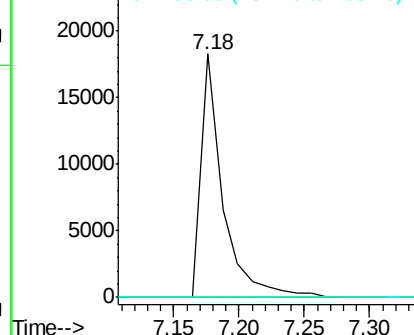
82 100

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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

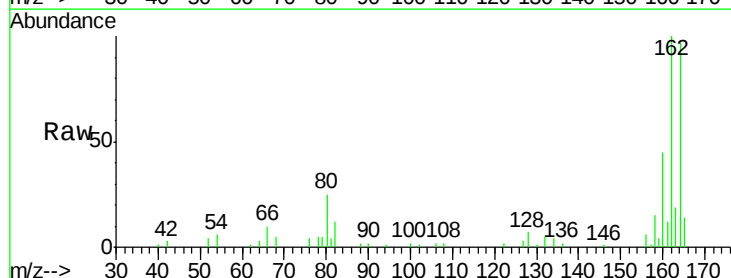
Tgt Ion:164 Resp: 35117

Ion Ratio Lower Upper

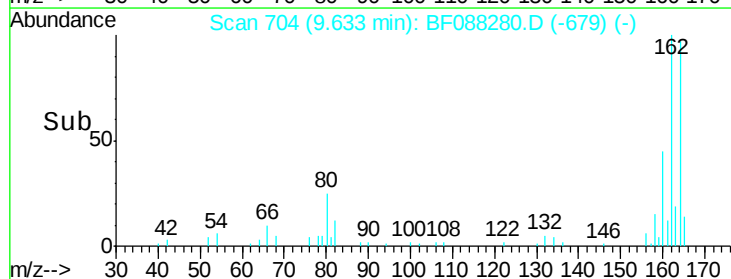
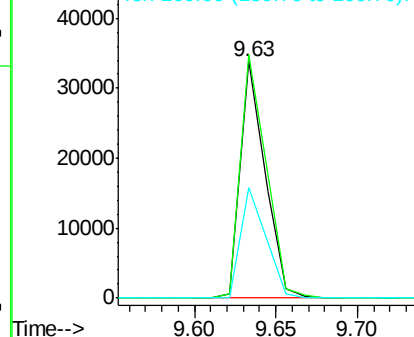
164 100

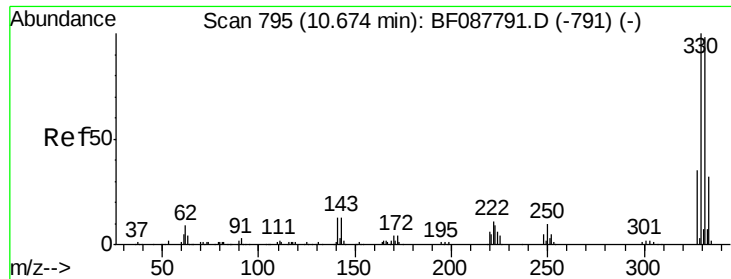
162 102.8 85.4 128.2

160 46.5 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

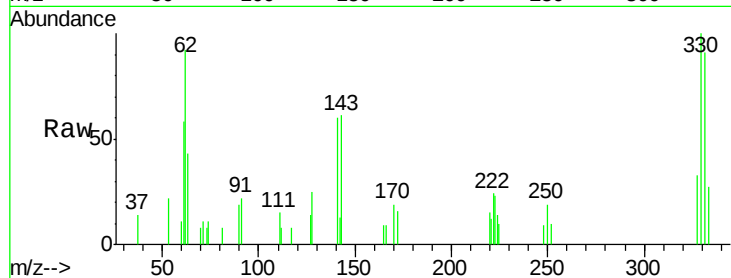




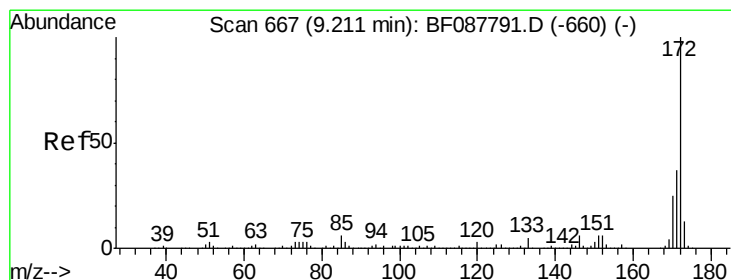
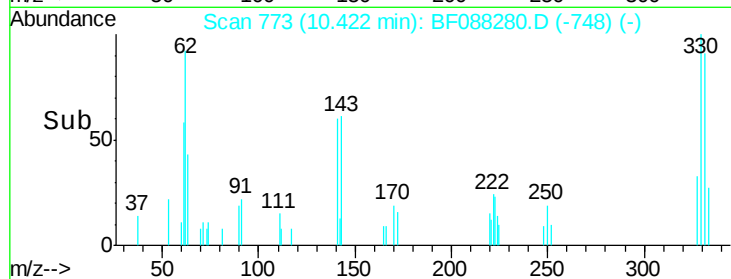
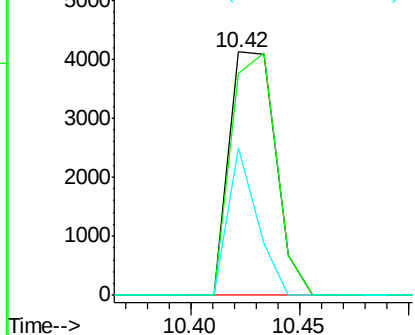
#41
 2,4,6-Tribromophenol
 Concen: 16.43 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 6094
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 37.8 0.0 0.0#

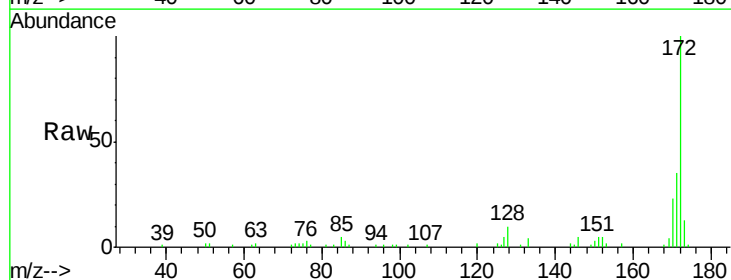


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

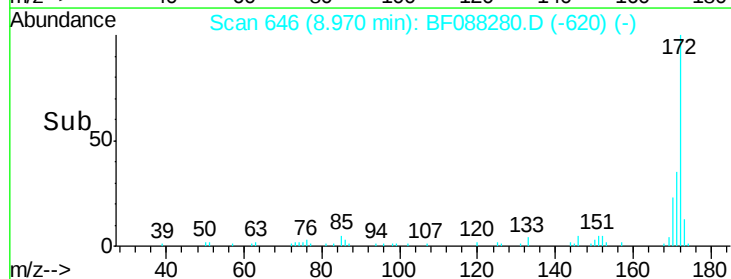
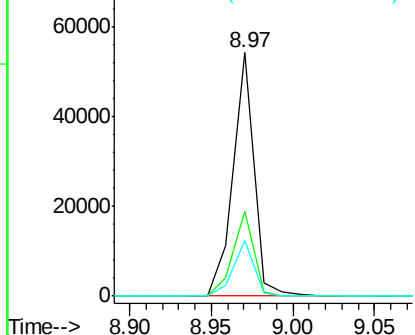


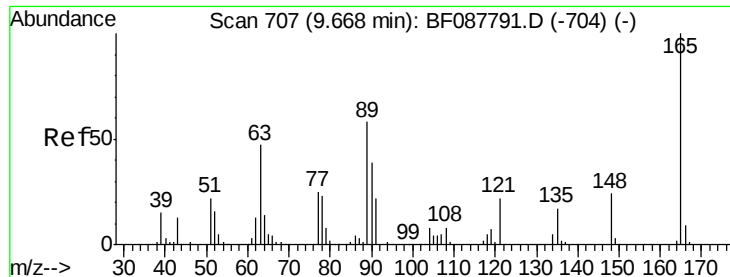
#44
 2-Fluorobiphenyl
 Concen: 16.89 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Tgt Ion:172 Resp: 47684
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 22.9 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

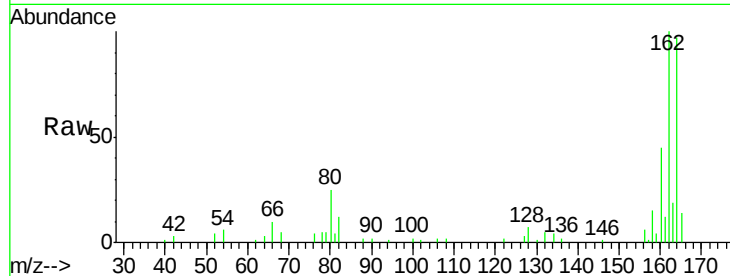




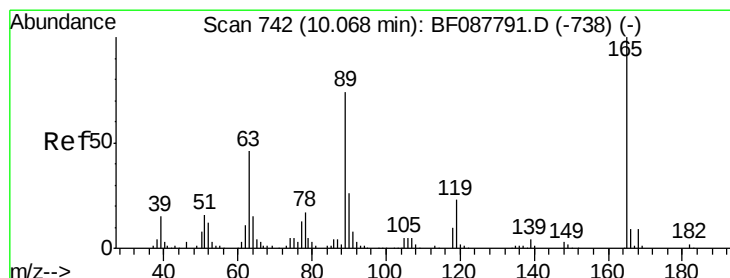
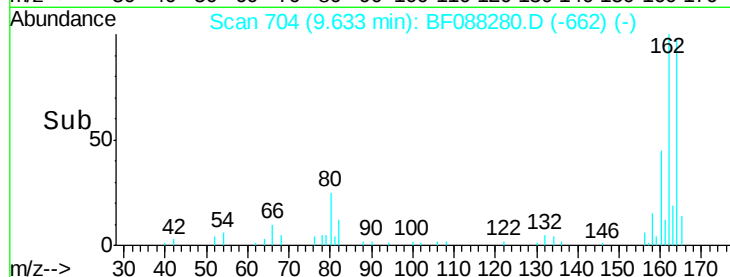
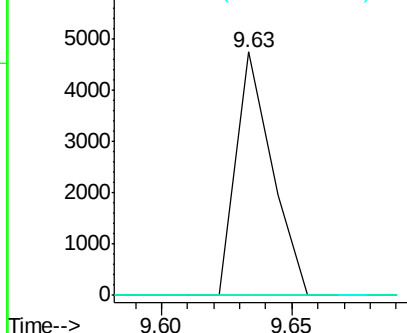
#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.18 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 4600
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#

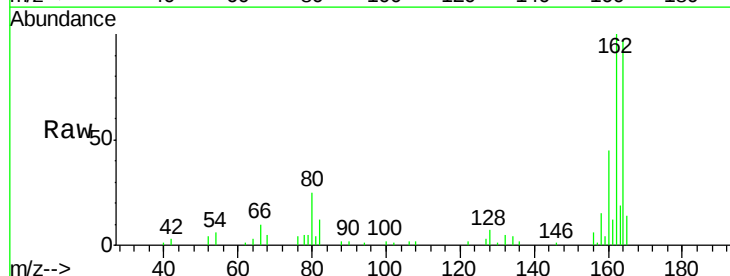


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

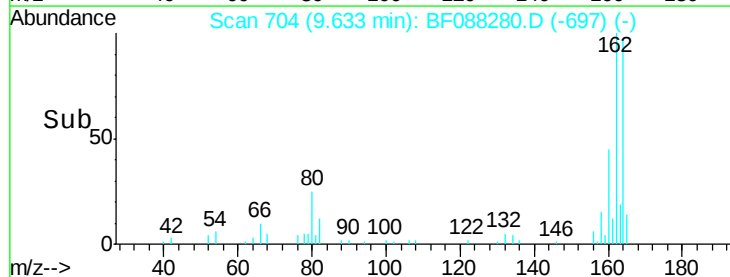
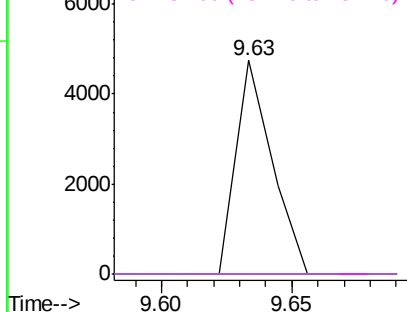


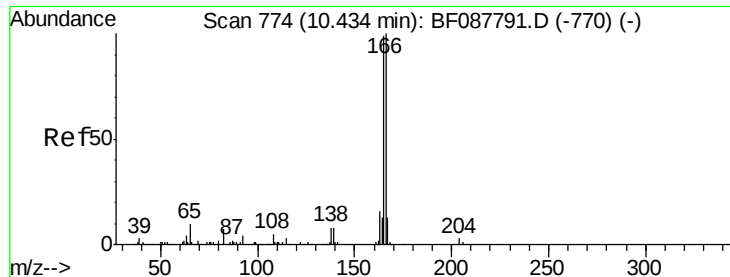
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.22 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Tgt Ion:165 Resp: 4600
 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

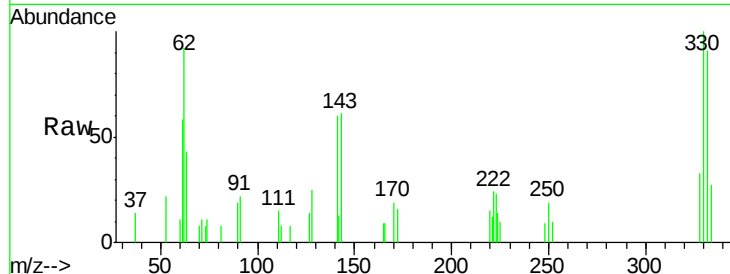




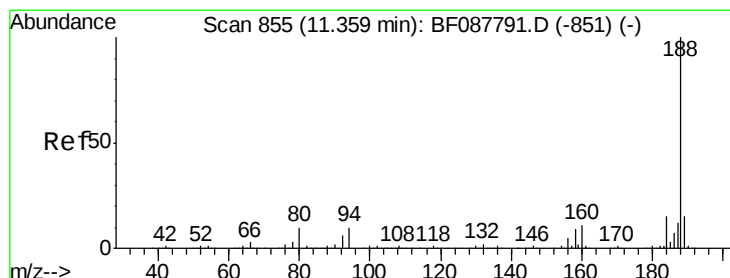
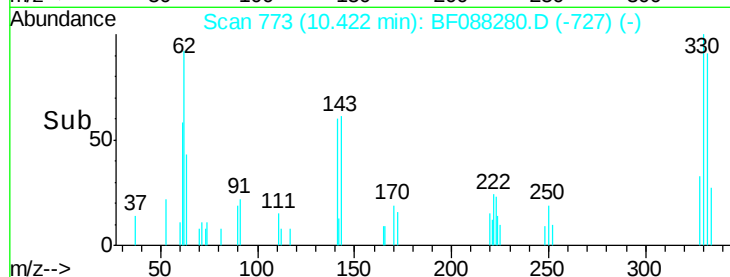
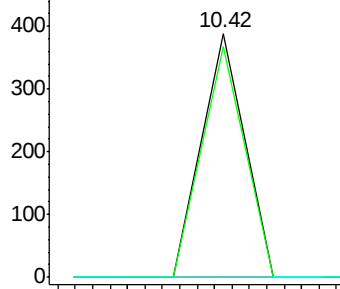
#57
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 773
 Delta R.T. 0.23 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 266
 Ion Ratio Lower Upper
 166 100
 165 94.6 77.8 116.8
 167 0.0 11.2 16.8#

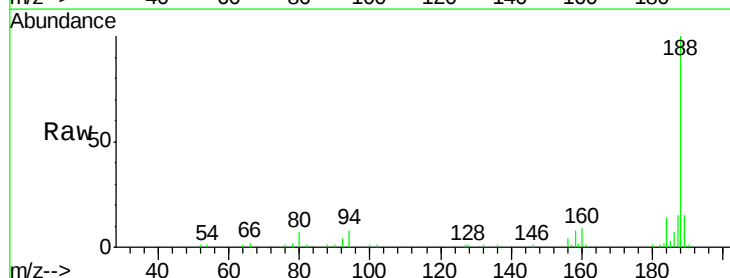


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

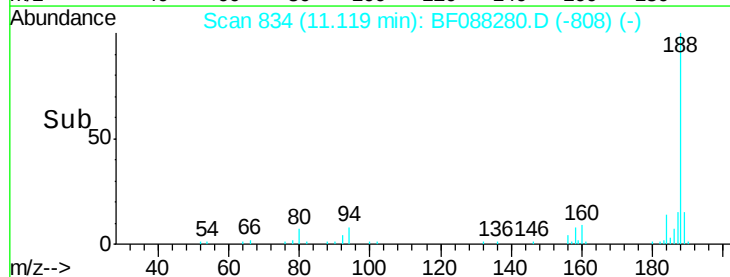
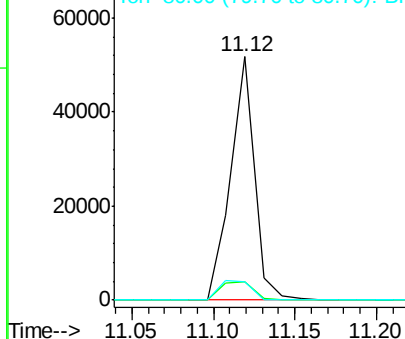


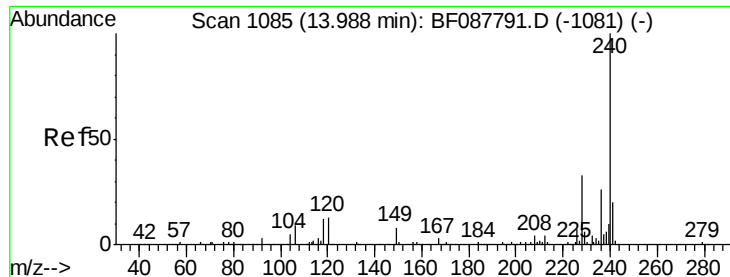
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Tgt Ion:188 Resp: 51867
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.6#
 80 7.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

Instrument :

BNA_F

ClientSampleId :

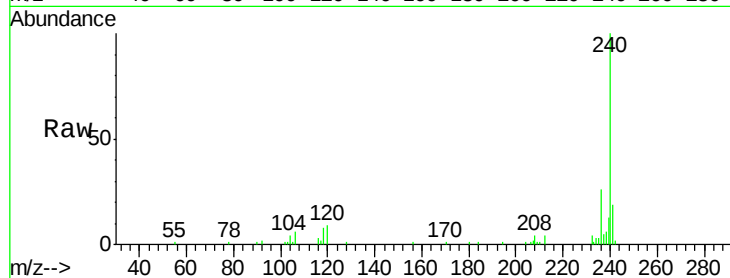
Tot Ion:240 Resp: 49256

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

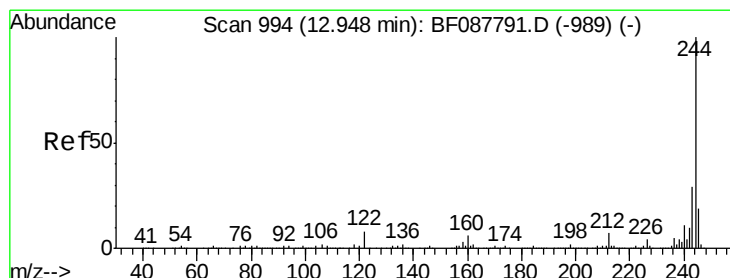
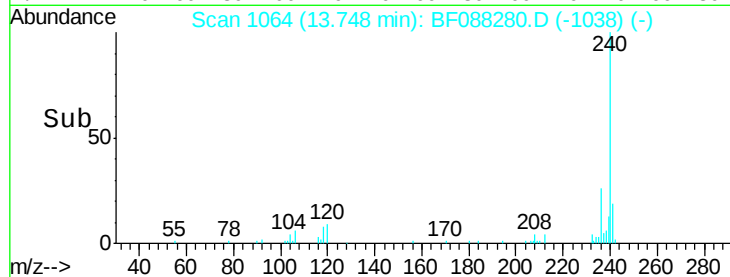
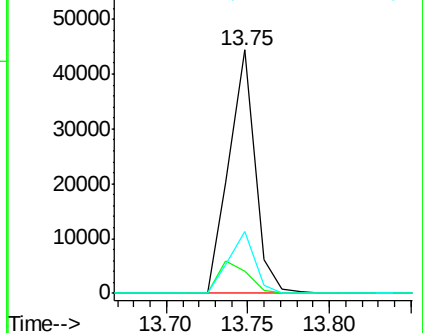
236 25.6 20.2 30.2



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: 20.08 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088280.D

Acq: 23 Jun 2016 7:28

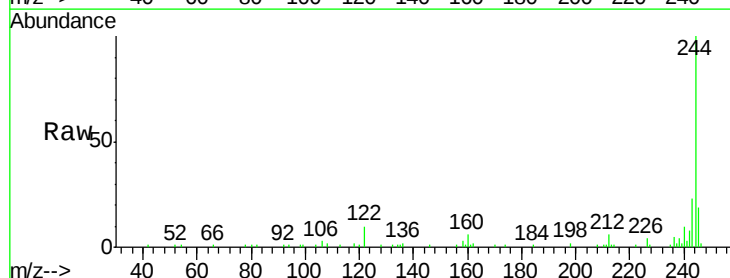
Tgt Ion:244 Resp: 43465

Ion Ratio Lower Upper

244 100

212 6.0 6.0 9.0

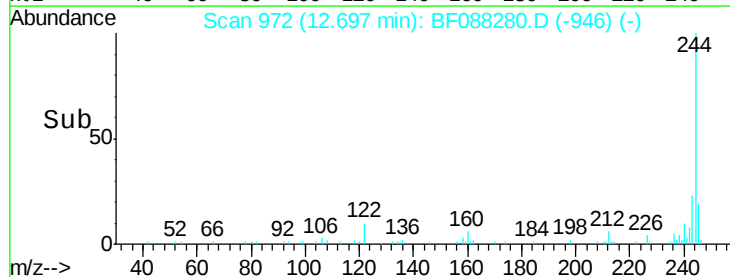
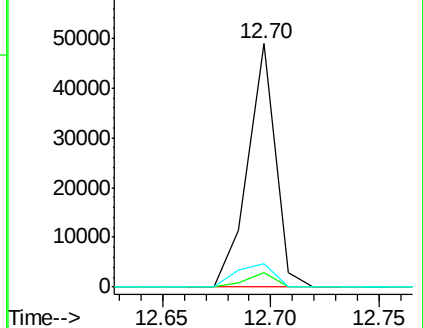
122 9.6 11.2 16.8#

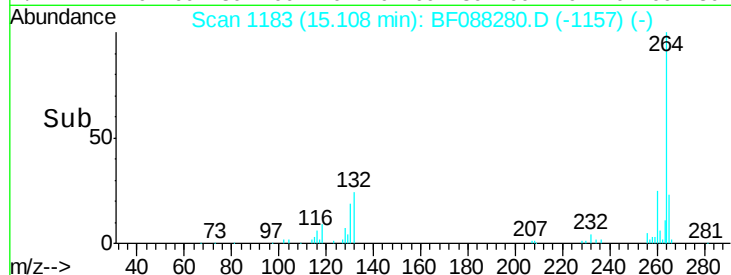
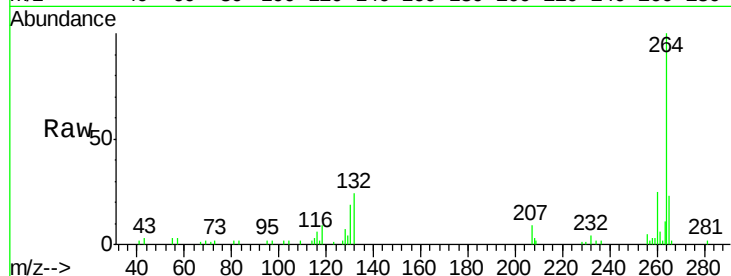
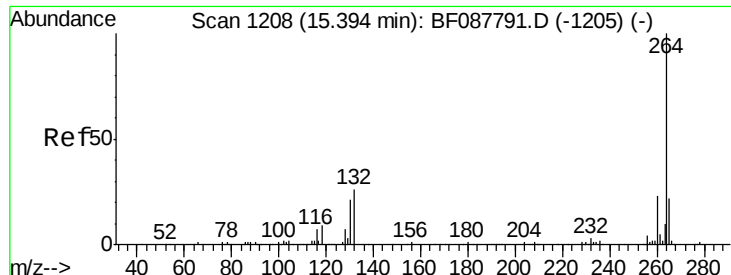


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088280.D
 Acq: 23 Jun 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	33858
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	16.9	25.3

