

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088345.D
 Acq On : 24 Jun 2016 21:48
 Operator : UM/SJ
 Sample : H3602-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

Quant Time: Jun 25 03:41:31 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

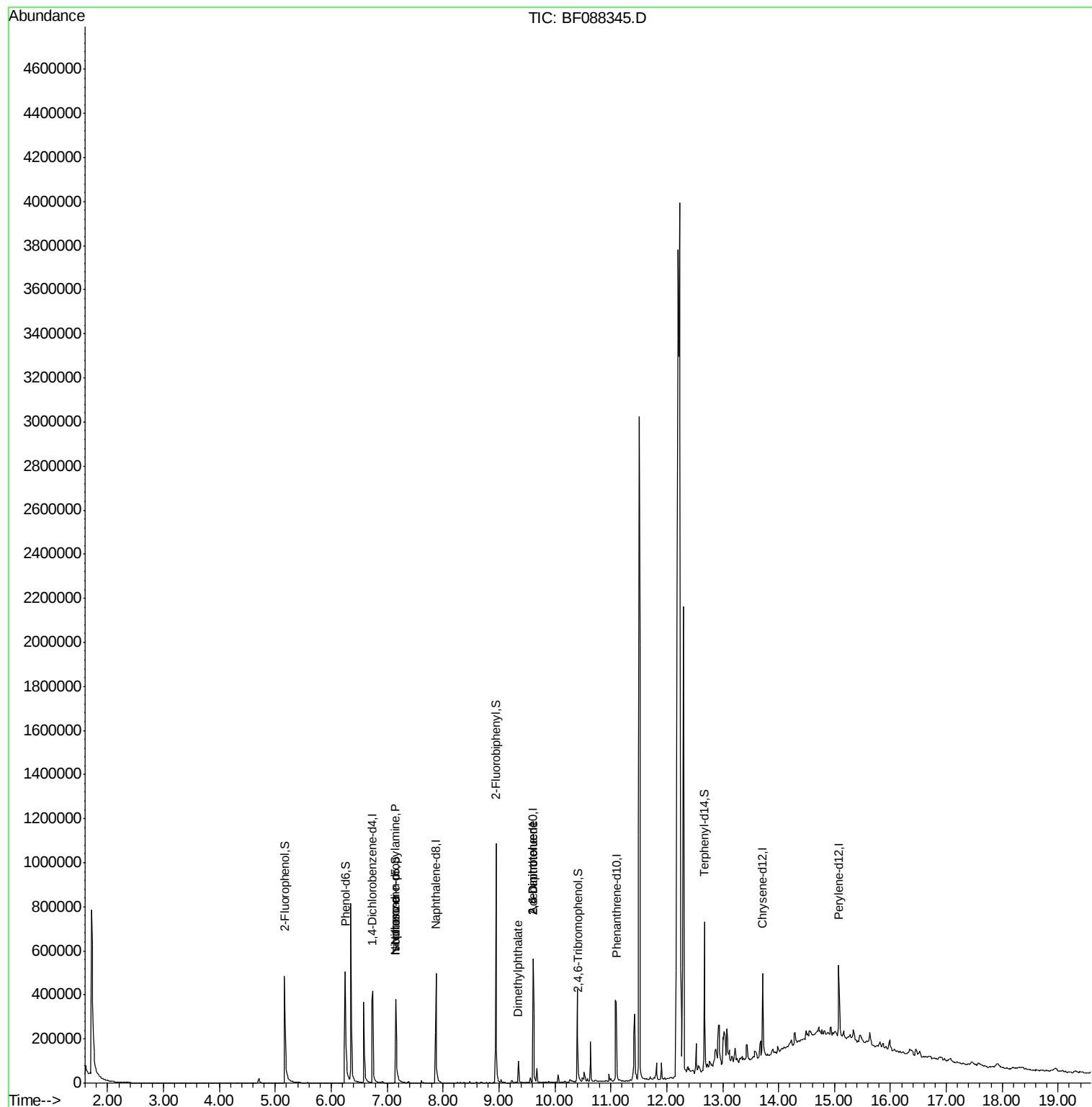
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	118305	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	325436	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	144035	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	226725	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	178511	20.00	ng	-0.03
86) Perylene-d12	15.07	264	151525	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	266474	38.51	ng	-0.01
7) Phenol-d6	6.25	99	323618	38.59	ng	-0.01
23) Nitrobenzene-d5	7.15	82	198003	35.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	61337	40.33	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	375319	37.86	ng	-0.02
78) Terphenyl-d14	12.67	244	227219	28.96	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	392	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	24322	4.53 ng	#	72
25) Isophorone	7.15	82	199178	19.29 ng	#	65
45) 1,1'-Biphenyl	8.95	154	543	Below Cal	#	1
49) Dimethylphthalate	9.35	163	44064	4.22 ng		100
50) 2,6-Dinitrotoluene	9.61	165	18230	7.63 ng	#	37
56) 2,4-Dinitrotoluene	9.61	165	18231	5.94 ng	#	36
57) Fluorene	10.16	166	1451	Below Cal	#	88

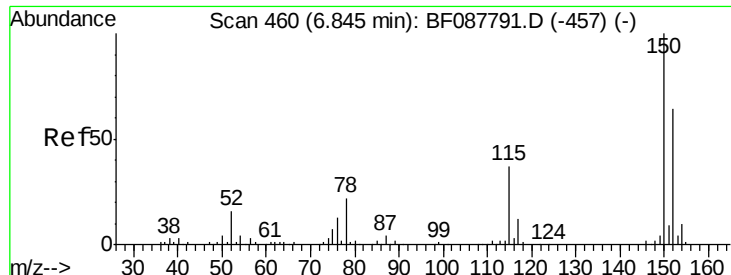
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Q8-B1(0-5)C

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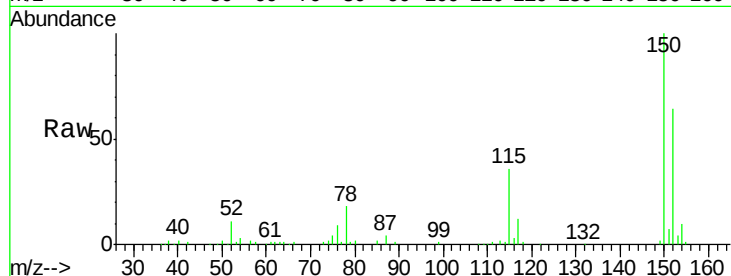




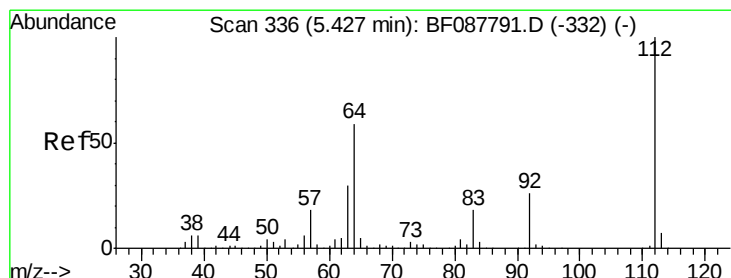
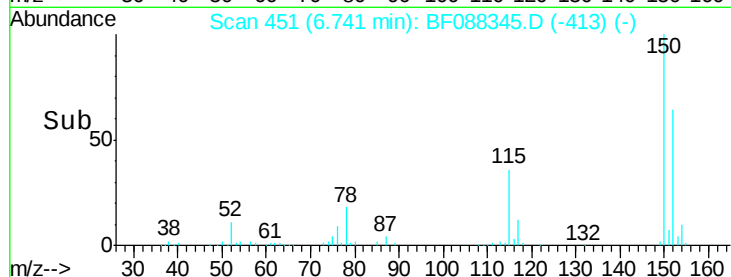
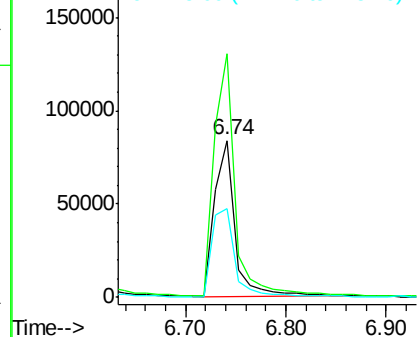
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.14 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

Tgt Ion:152 Resp: 118305
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.8 185.6
 115 56.4 39.6 59.4

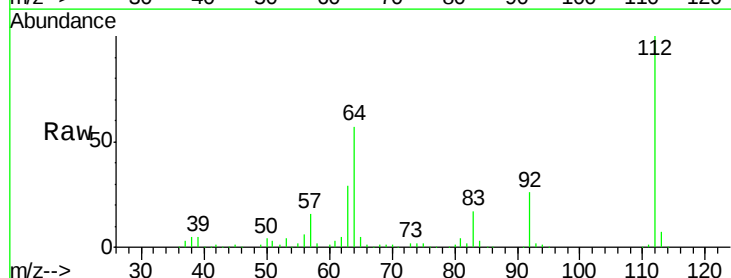


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

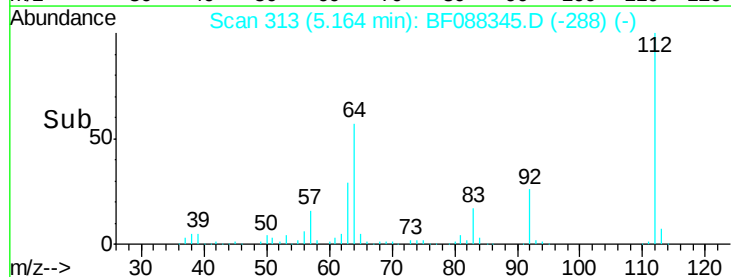
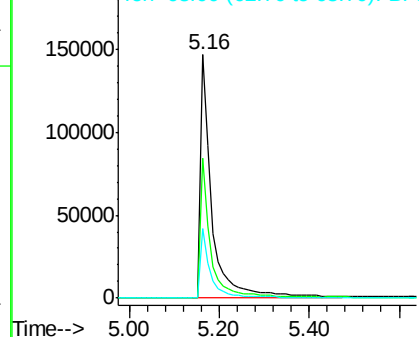


#5
 2-Fluorophenol
 Concen: 38.51 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

Tgt Ion:112 Resp: 266474
 Ion Ratio Lower Upper
 112 100
 64 57.2 42.2 63.2
 63 28.6 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: 38.59 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

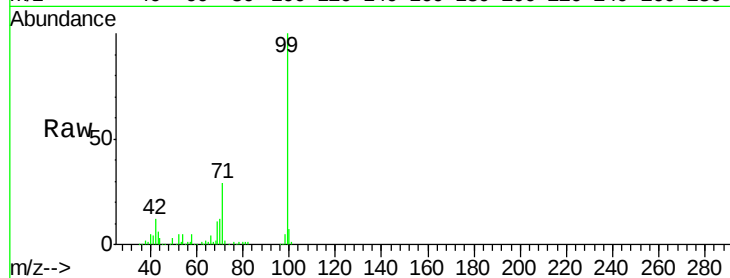
Tgt Ion: 99 Resp: 323618

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

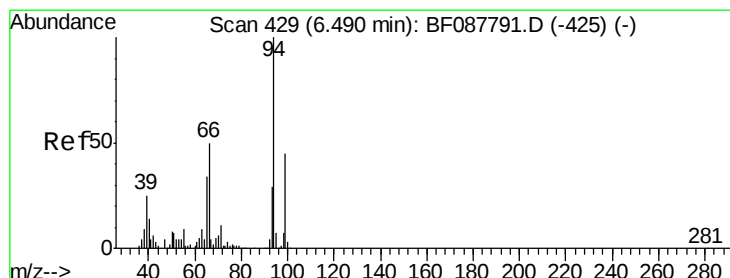
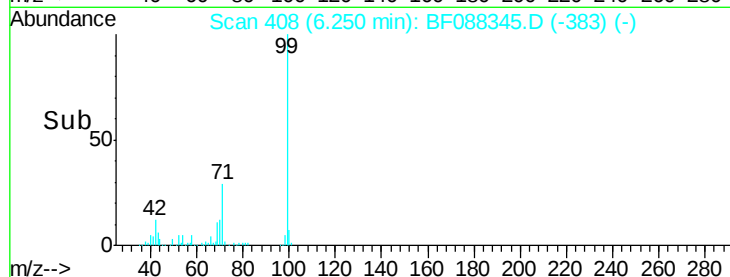
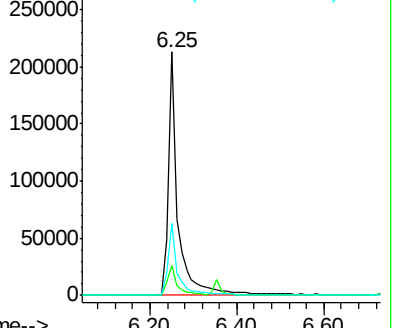
71 29.5 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

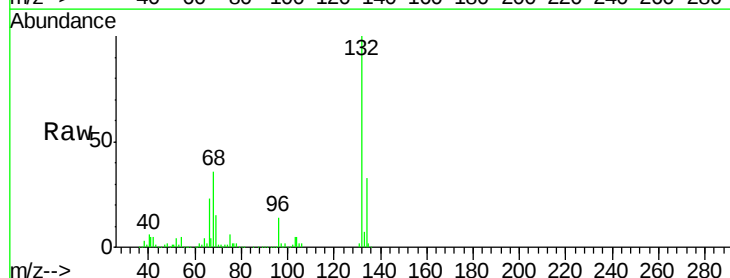
Tgt Ion: 94 Resp: 392

Ion Ratio Lower Upper

94 100

65 798.6 5.9 45.9#

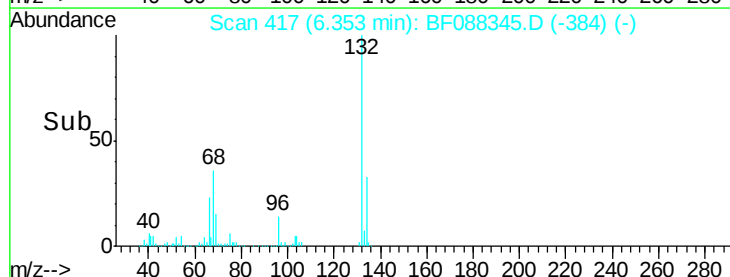
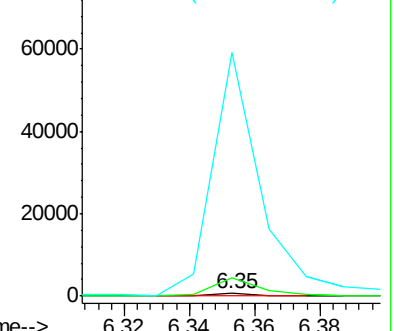
66 10358.0 14.0 54.0#

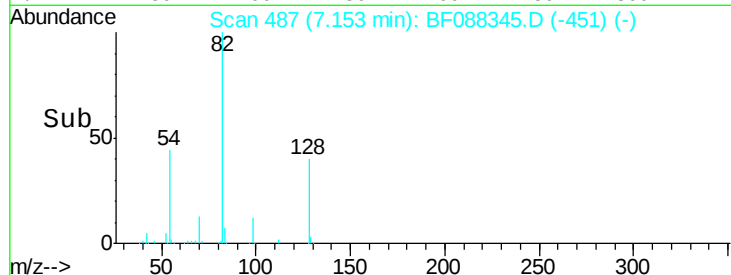
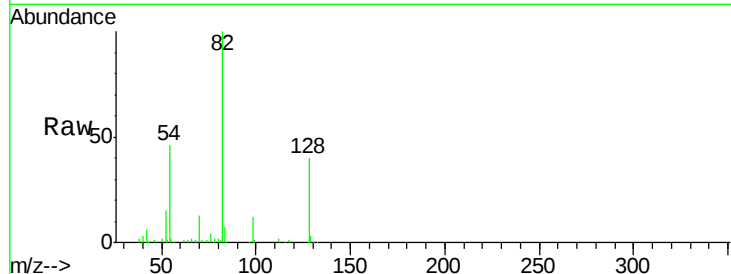
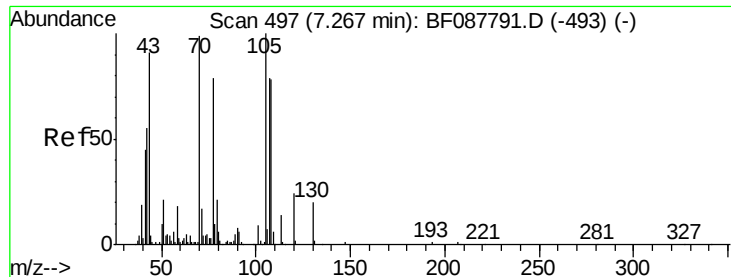


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

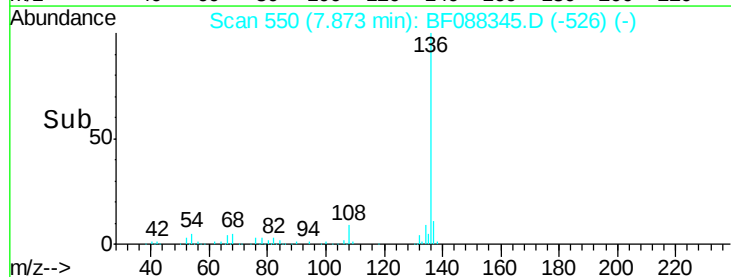
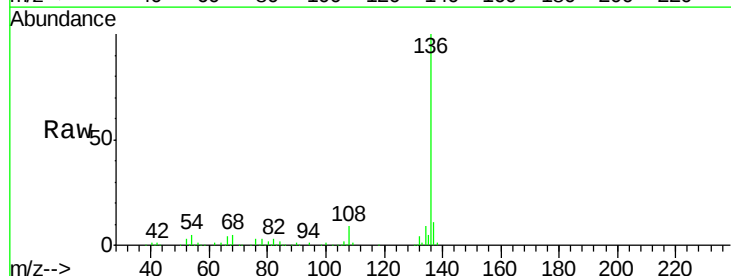
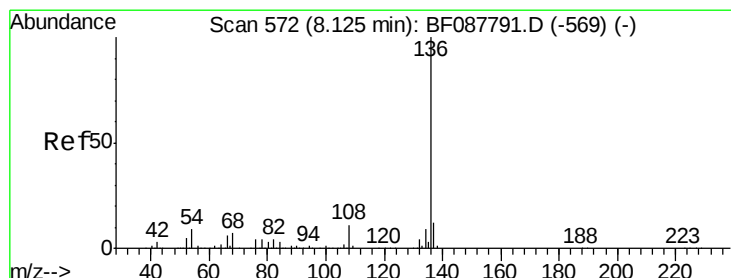
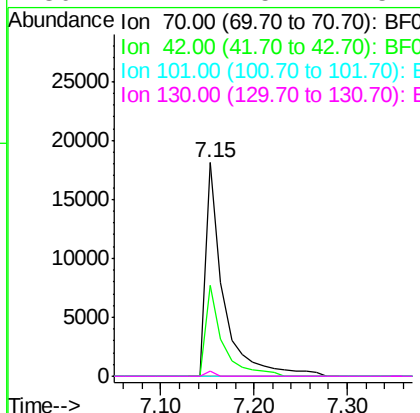




#19
n-Nitroso-di-n-propylamine
Concen: 4.53 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

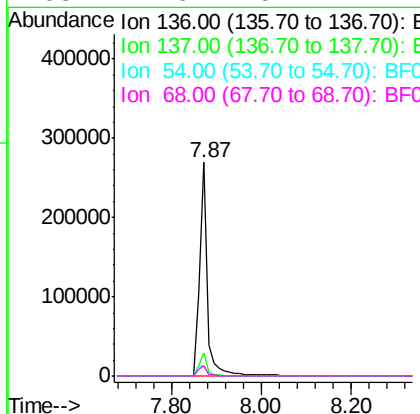
Instrument :
BNA_F
ClientSampled :
Q8-B1(0-5)C

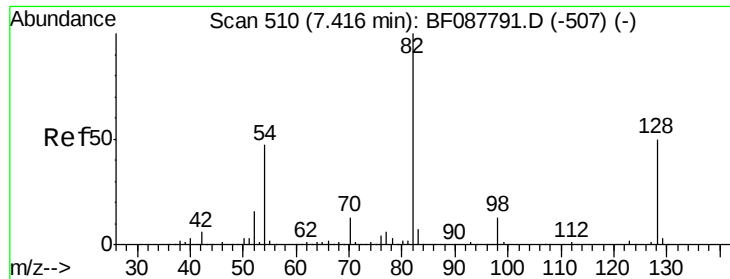
Tgt Ion: 70 Resp: 24322
Ion Ratio Lower Upper
70 100
42 42.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Tgt Ion: 136 Resp: 325436
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.1 6.6 10.0#
68 4.6 5.1 7.7#

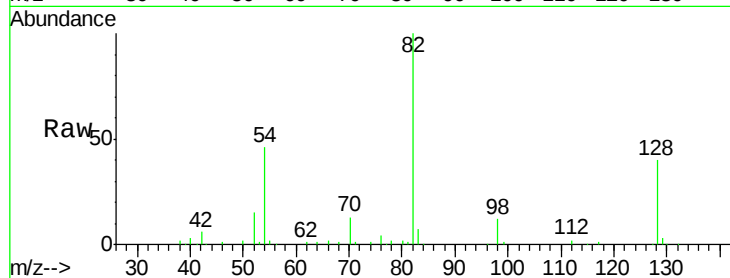




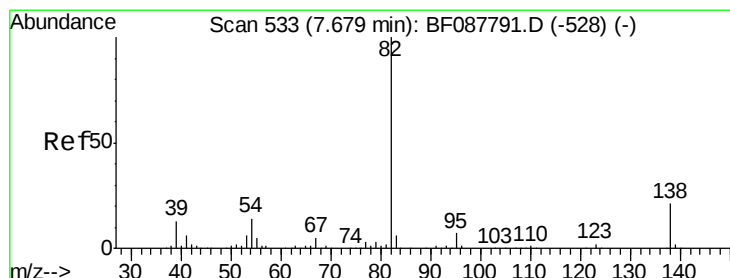
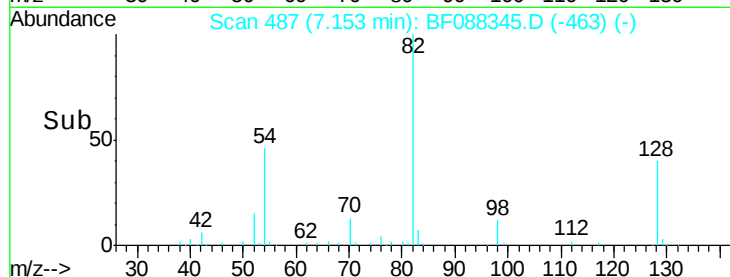
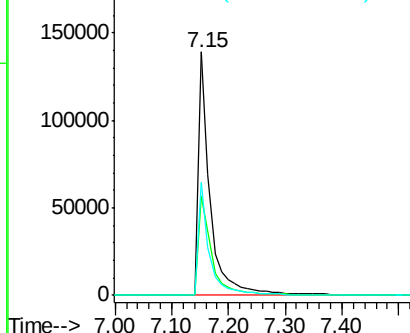
#23
Nitrobenzene-d5
Concen: 35.53 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion: 82 Resp: 198003
Ion Ratio Lower Upper
82 100
128 40.5 35.9 53.9
54 46.3 40.9 61.3

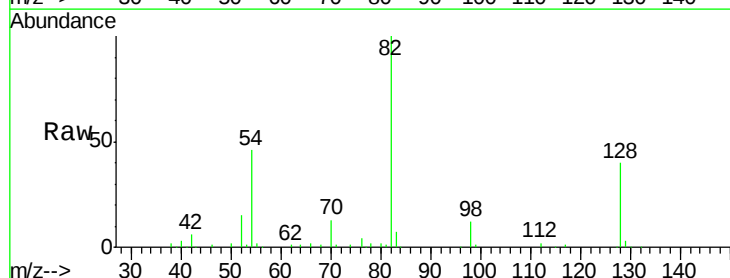


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

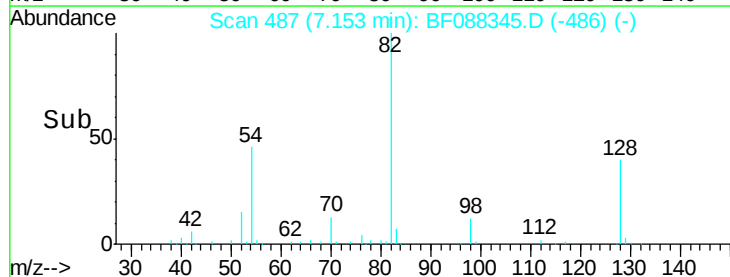
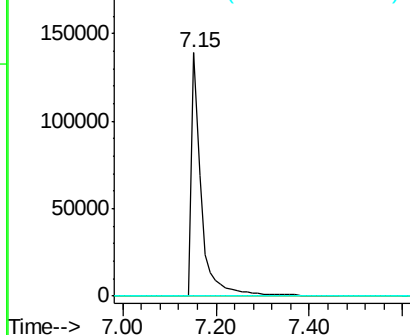


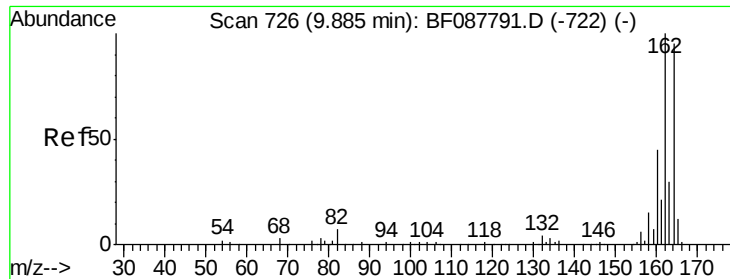
#25
Isophorone
Concen: 19.29 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Tgt Ion: 82 Resp: 199178
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

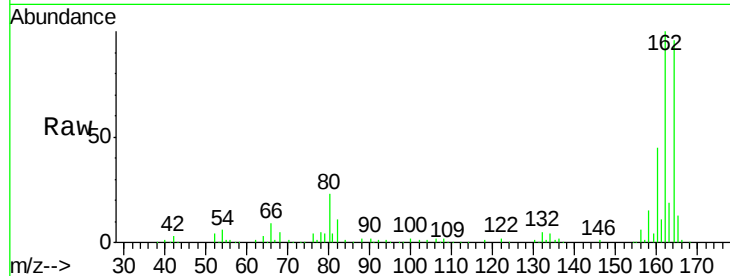




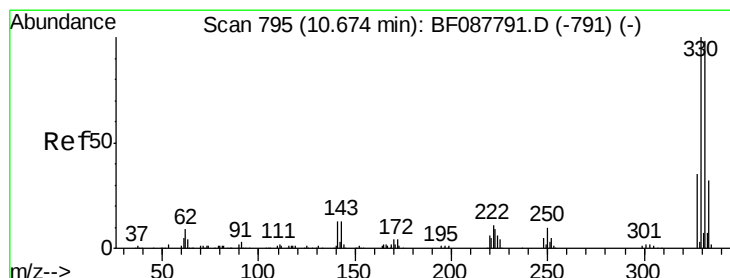
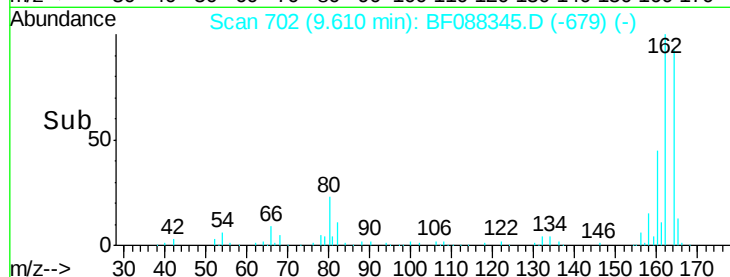
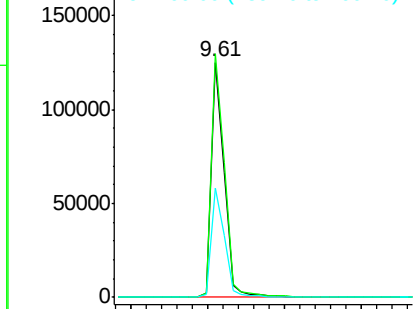
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:164 Resp: 144035
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.2
160 46.4 39.5 59.3

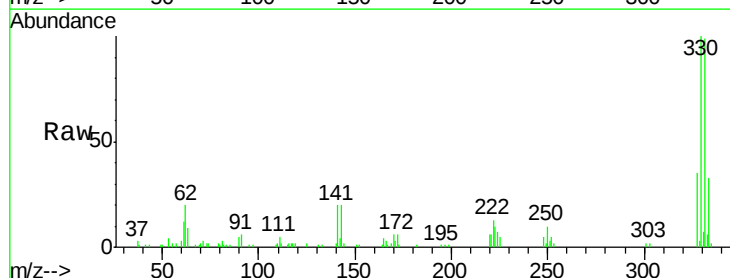


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

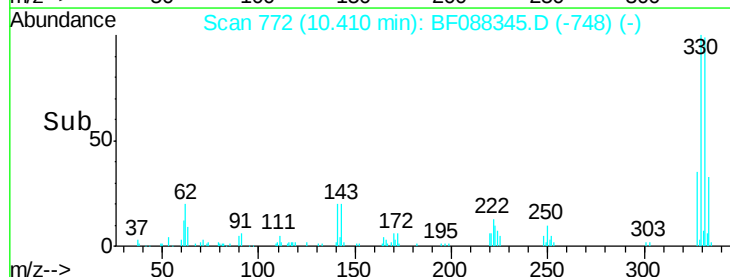
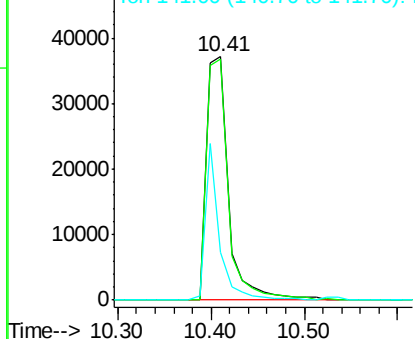


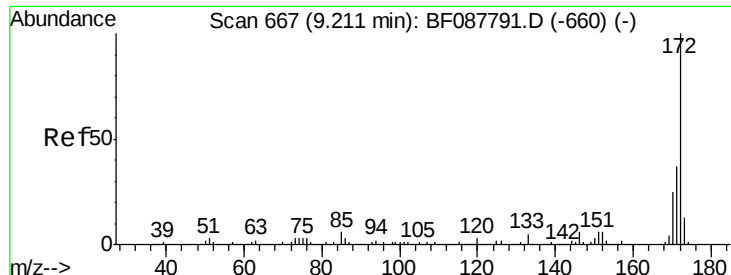
#41
2,4,6-Tribromophenol
Concen: 40.33 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Tgt Ion:330 Resp: 61337
Ion Ratio Lower Upper
330 100
332 98.3 0.0 0.0#
141 41.6 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

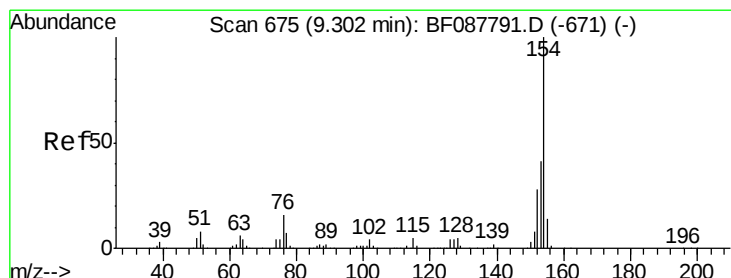
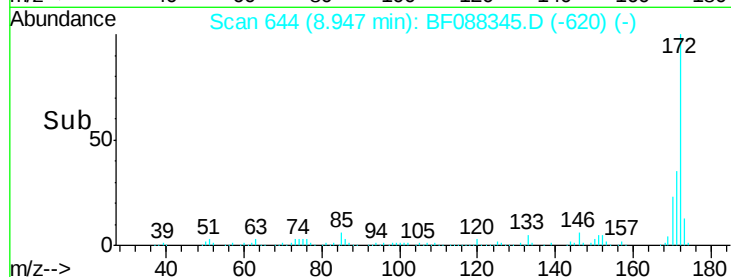
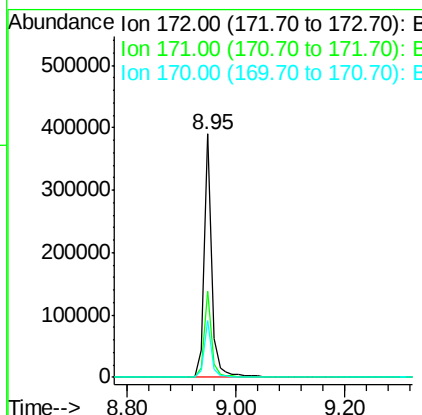
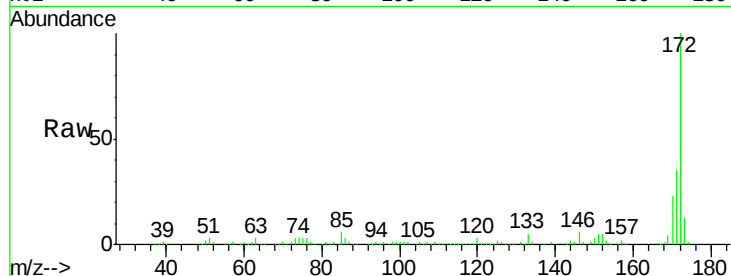




#44
 2-Fluorobiphenyl
 Concen: 37.86 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

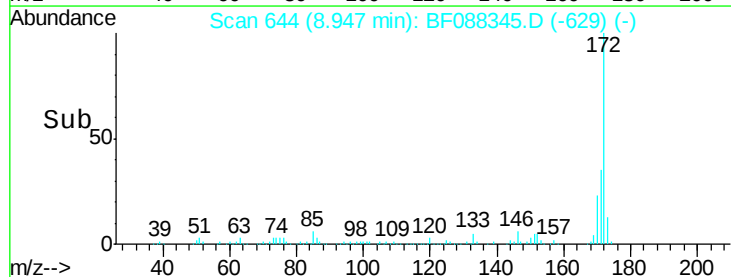
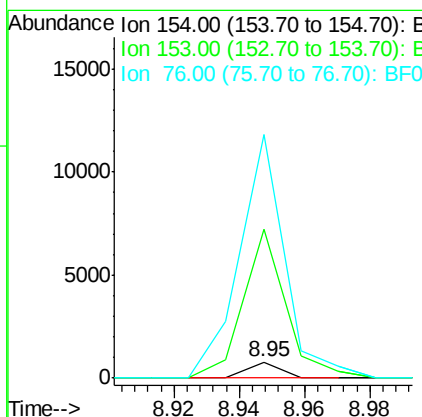
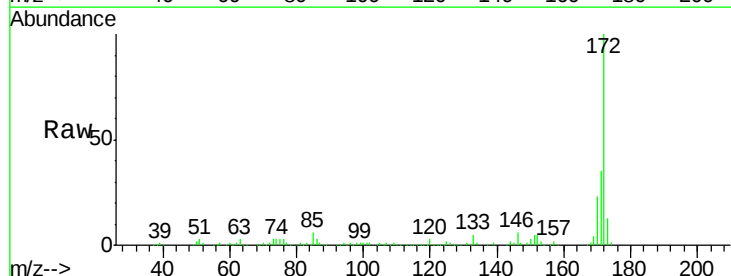
Instrument :
 BNA_F
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 Q8-B1(0-5)C

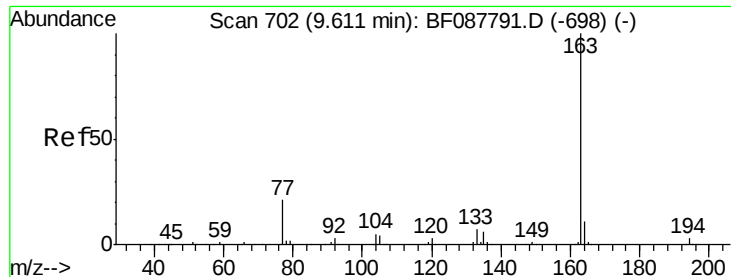
Tgt Ion:172 Resp: 375319
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.4 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.95 min Scan# 644
 Delta R.T. -0.13 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

Tgt Ion:154 Resp: 543
 Ion Ratio Lower Upper
 154 100
 153 909.0 20.6 60.6#
 76 1491.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 4.22 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

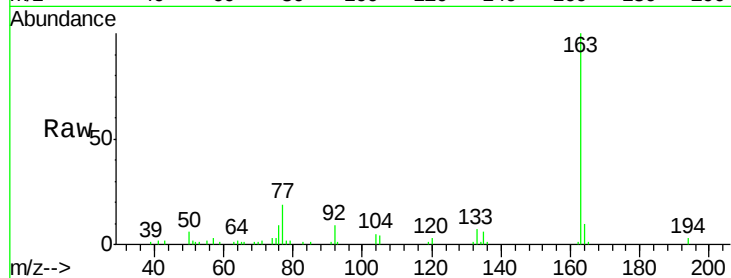
Tgt Ion:163 Resp: 44064

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

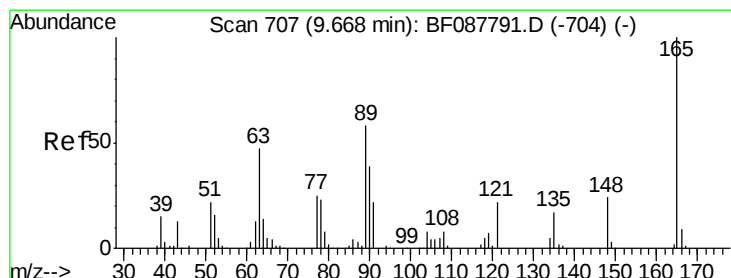
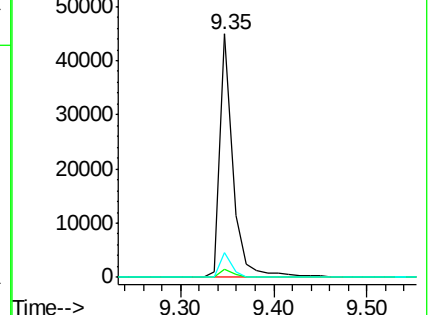
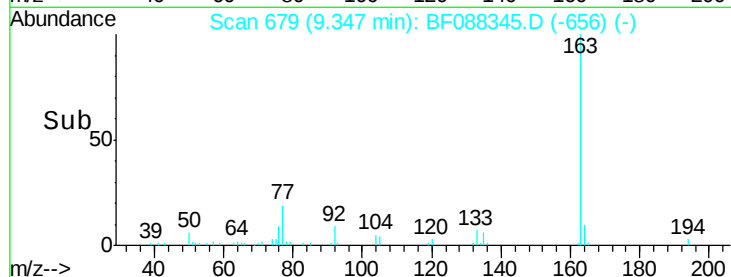
164 10.4 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.63 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.16 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

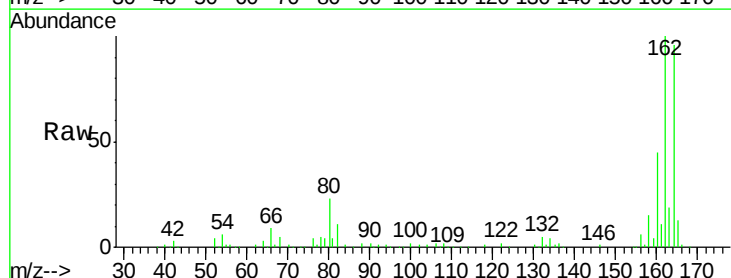
Tgt Ion:165 Resp: 18230

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

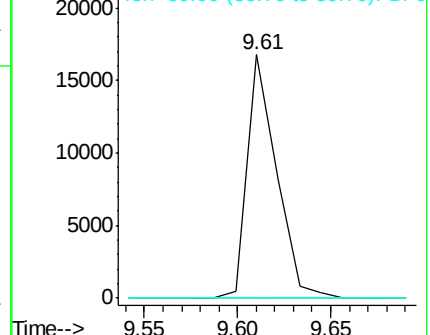
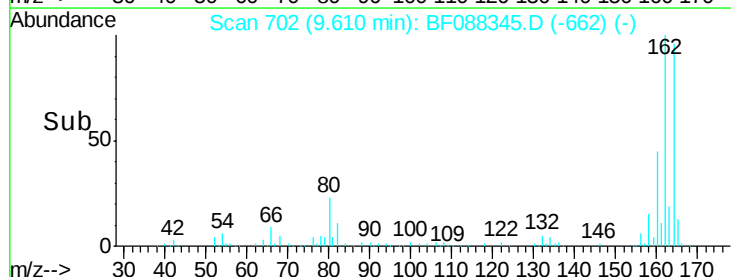
89 0.0 32.2 48.2#

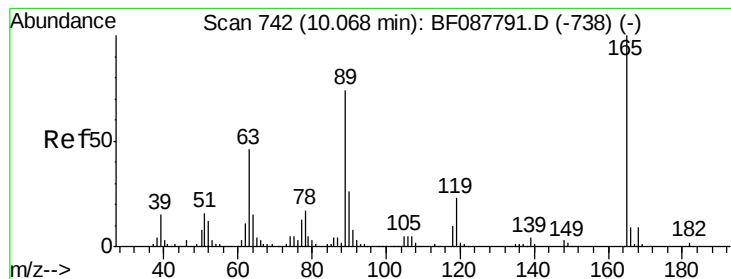


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.94 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.24 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

Tgt Ion:165 Resp: 18231

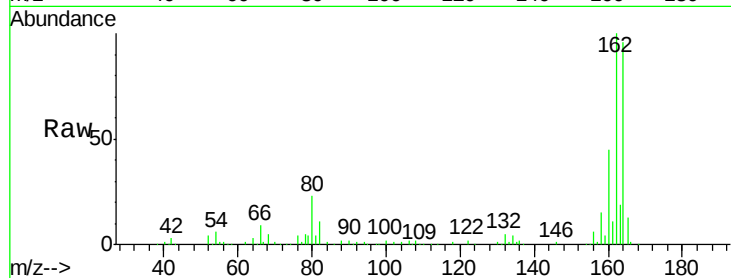
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

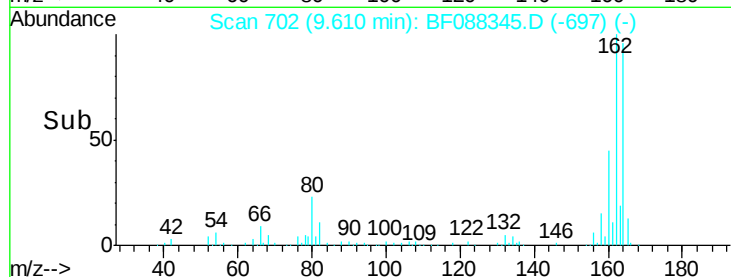


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

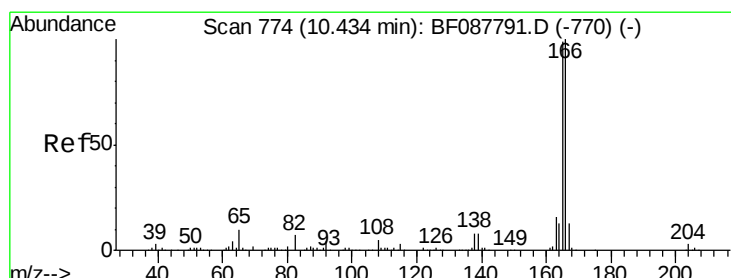
Ion 182.00 (181.70 to 182.70): E



Abundance

9.61

Time-->



#57

Fluorene

Concen: Below Cal

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088345.D

Acq: 24 Jun 2016 21:48

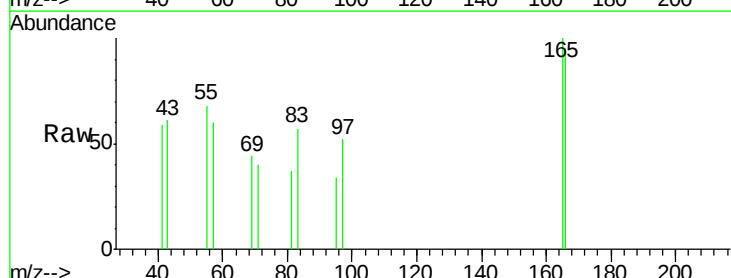
Tgt Ion:166 Resp: 1451

Ion Ratio Lower Upper

166 100

165 105.5 77.8 116.8

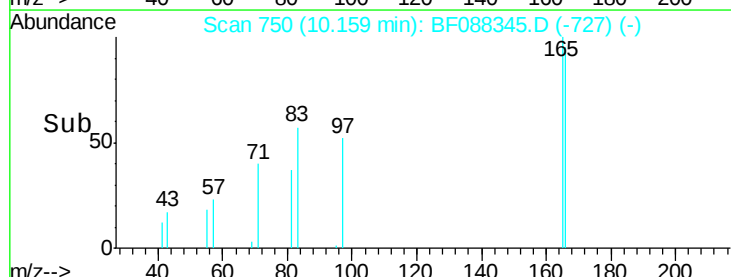
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

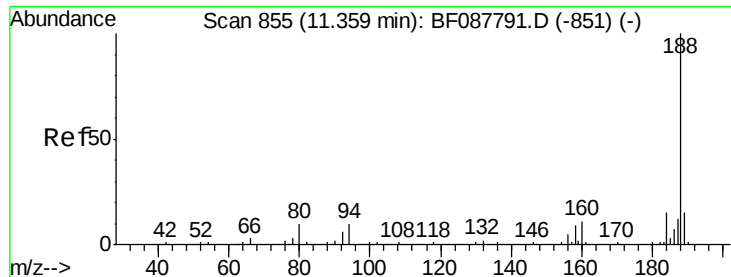
Ion 167.00 (166.70 to 167.70): E



Abundance

10.16

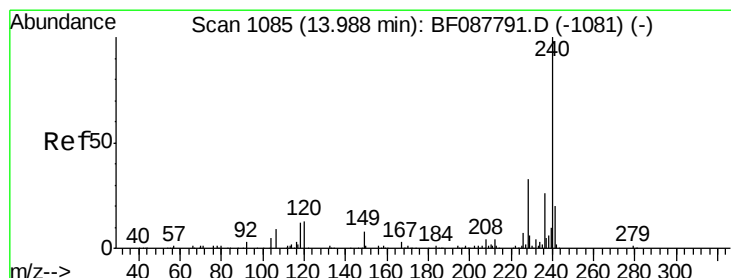
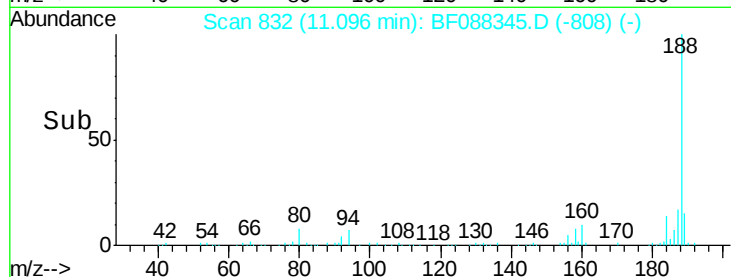
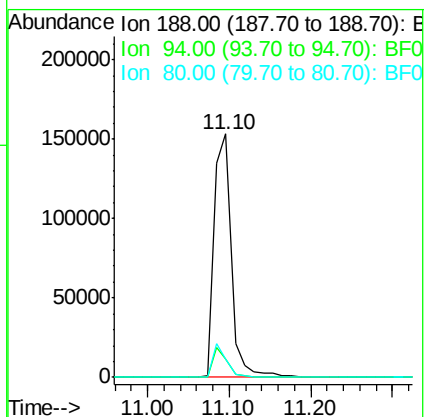
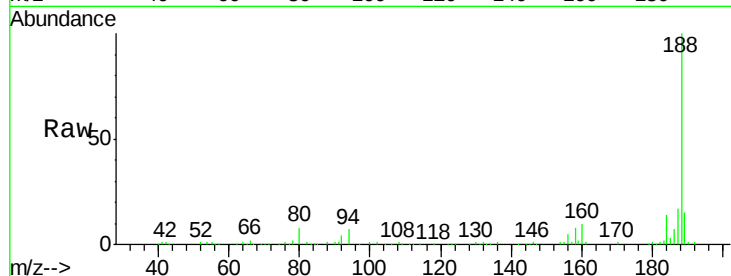
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

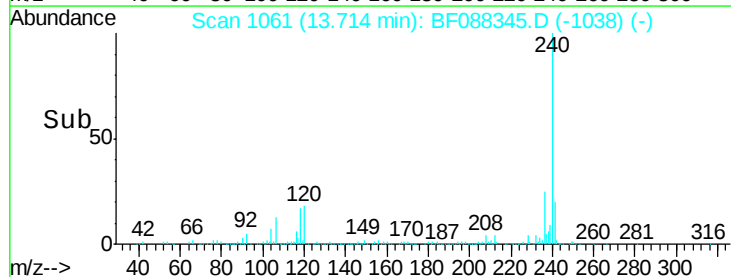
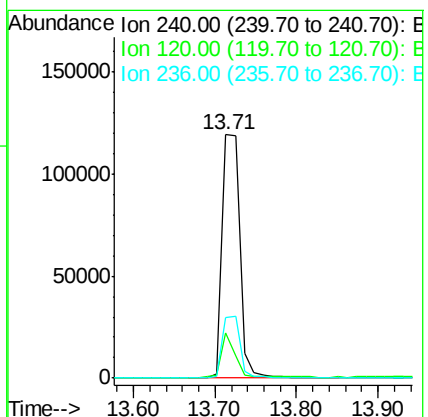
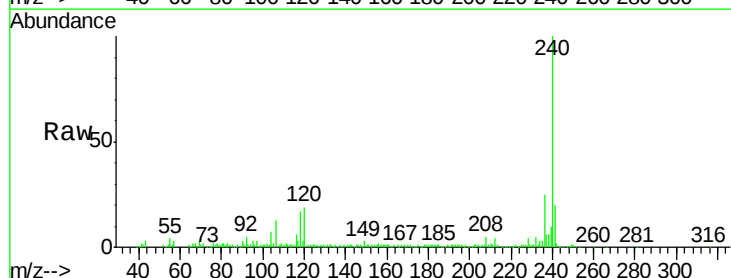
Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

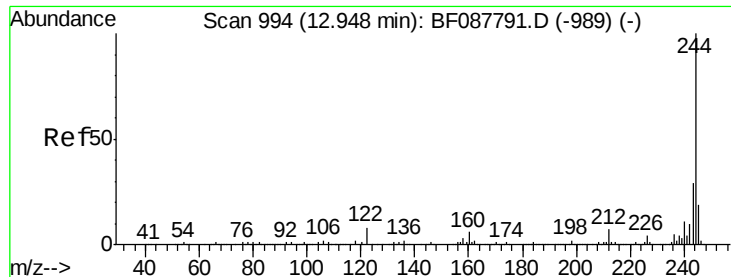
Tgt Ion:188 Resp: 226725
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.6#
80 7.5 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088345.D
Acq: 24 Jun 2016 21:48

Tgt Ion:240 Resp: 178511
Ion Ratio Lower Upper
240 100
120 18.8 6.8 10.2#
236 25.0 20.2 30.2

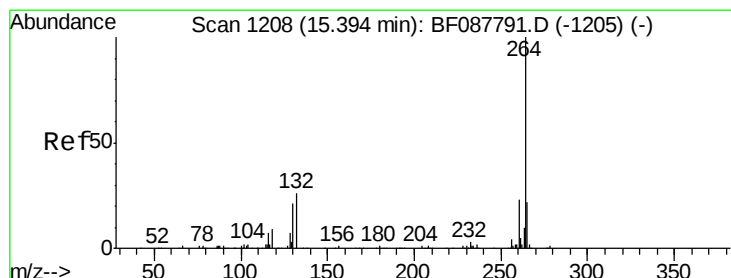
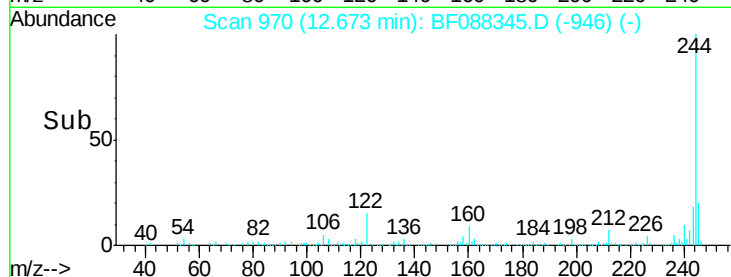
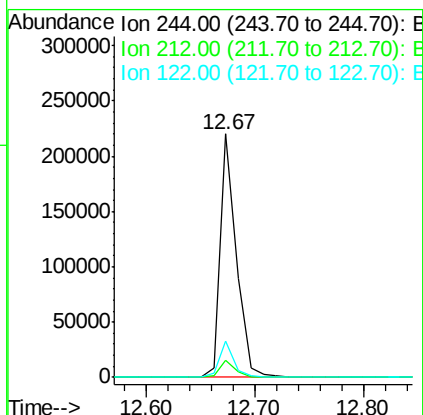
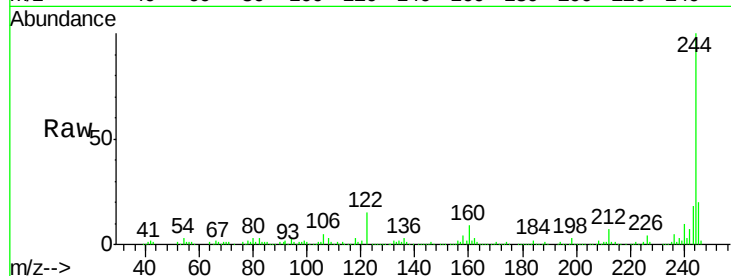




#78
 Terphenyl-d14
 Concen: 28.96 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

Tgt Ion: 244 Resp: 227219
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF088345.D
 Acq: 24 Jun 2016 21:48

Tgt Ion: 264 Resp: 151525
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.2 16.9 25.3

