

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088240.D
 Acq On : 22 Jun 2016 5:25
 Operator : UM/SJ
 Sample : H3597-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3E

Quant Time: Jun 22 06:46:35 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 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	87418	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	339501	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	154213	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	293008	20.00	ng	0.00
75) Chrysene-d12	13.79	240	233725	20.00	ng	0.00
86) Perylene-d12	15.17	264	177378	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	514825	100.68	ng	0.00
7) Phenol-d6	6.31	99	727126	117.33	ng	0.00
23) Nitrobenzene-d5	7.22	82	445613	76.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	142615	87.58	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	839936	85.60	ng	0.00
78) Terphenyl-d14	12.74	244	717589	69.86	ng	-0.01

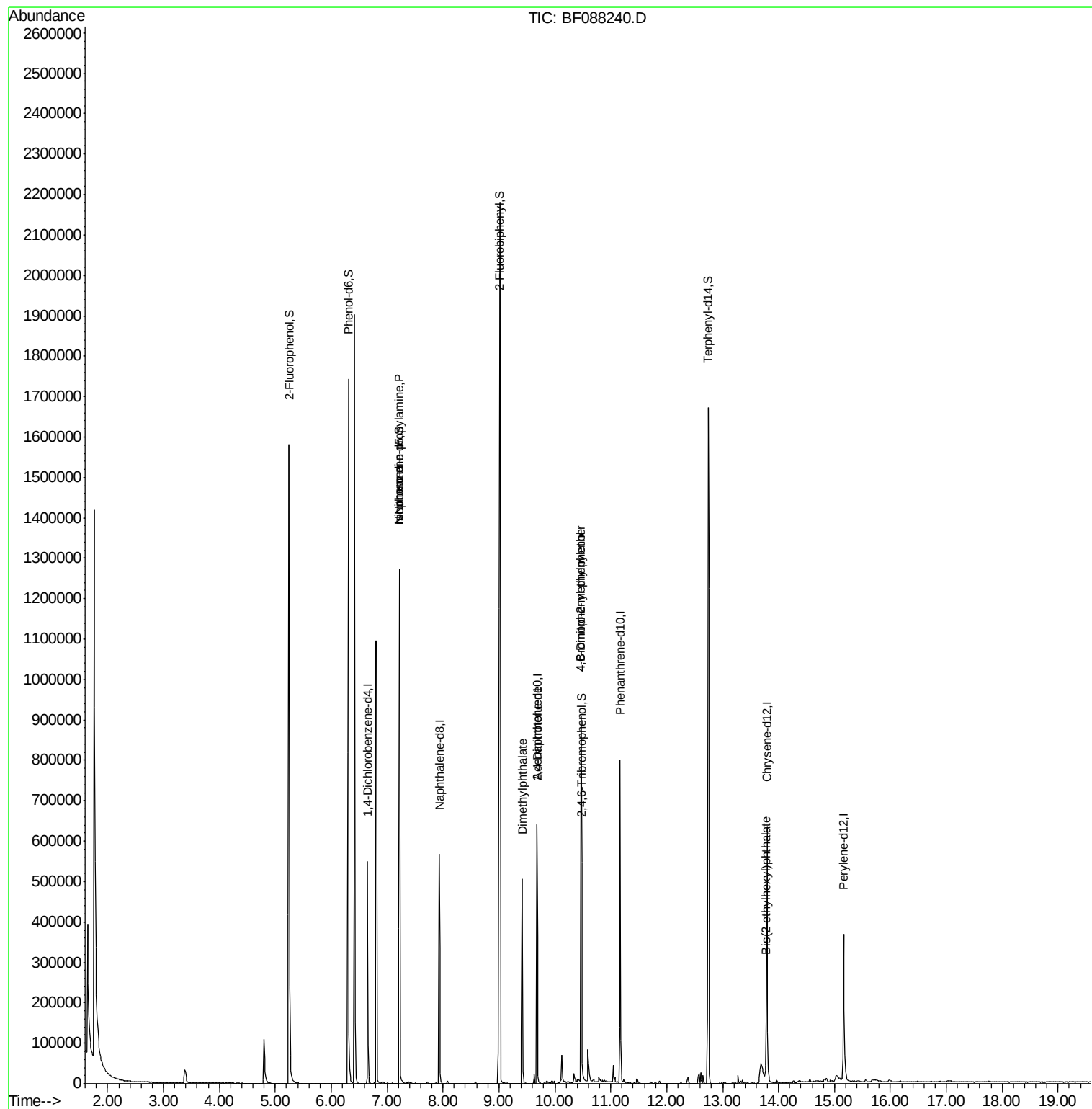
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.32	94	6901	Below Cal	#	71
19) n-Nitroso-di-n-propylamine	7.22	70	57745	14.57	ng	# 69
25) Isophorone	7.22	82	445598	41.38	ng	# 65
45) 1,1'-Biphenyl	9.02	154	1701	Below Cal	#	1
49) Dimethylphthalate	9.42	163	226193	20.25	ng	99
56) 2,4-Dinitrotoluene	9.68	165	19540	5.94	ng	# 37
57) Fluorene	10.25	166	206	Below Cal	#	84
64) 4,6-Dinitro-2-methylphenol	10.47	198	222	2.28	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	8821	2.81	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.78	149	26678	2.86	ng	94

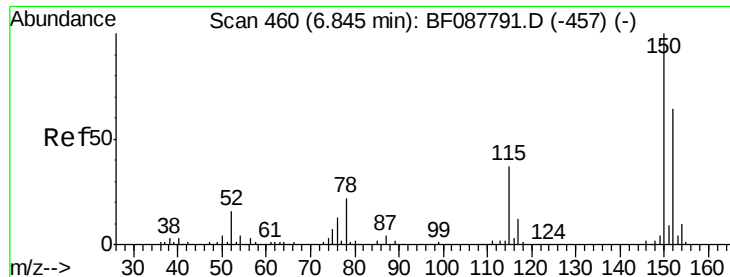
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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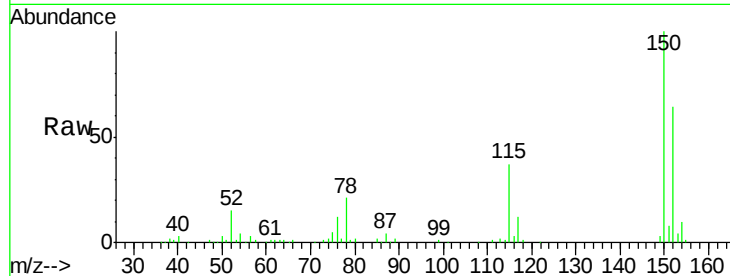




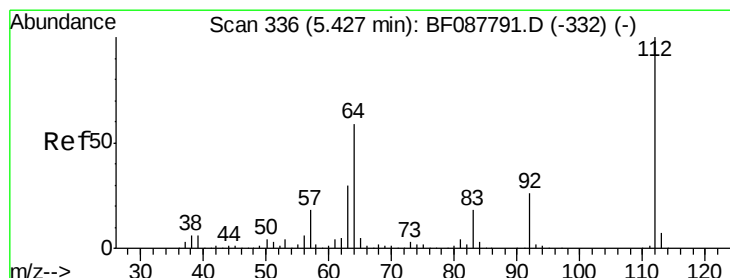
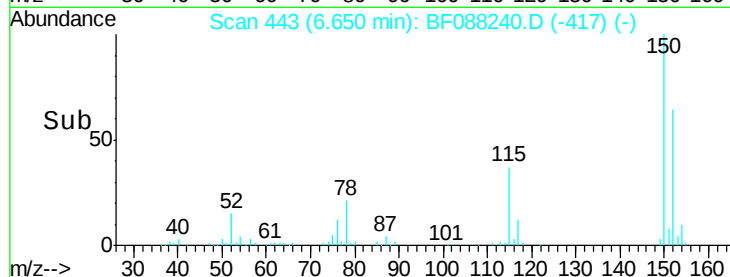
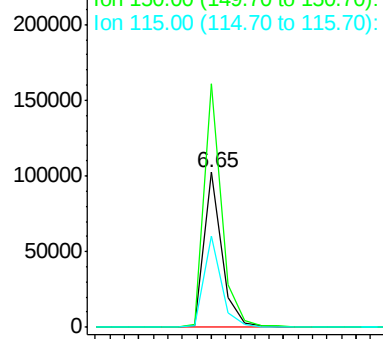
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3E

Tgt Ion:152 Resp: 87418
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.8 185.6
 115 58.9 39.6 59.4

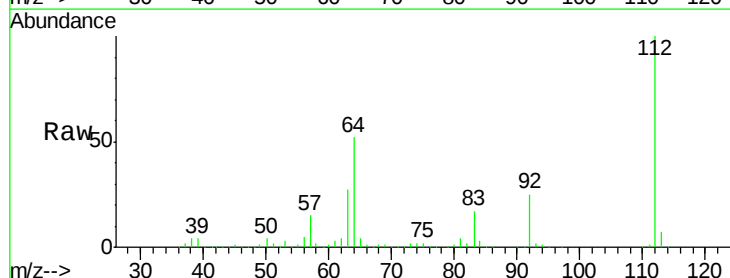


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

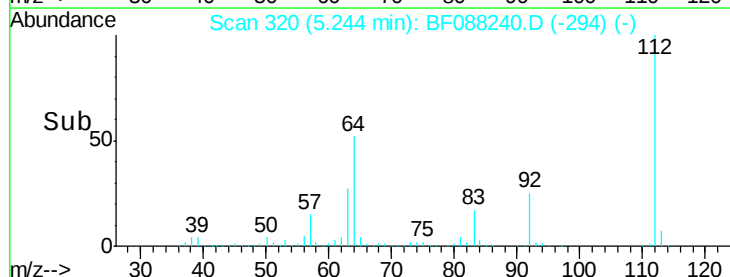
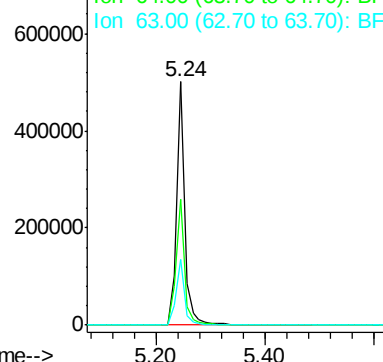


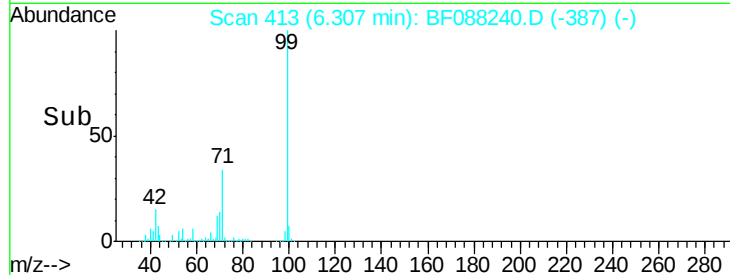
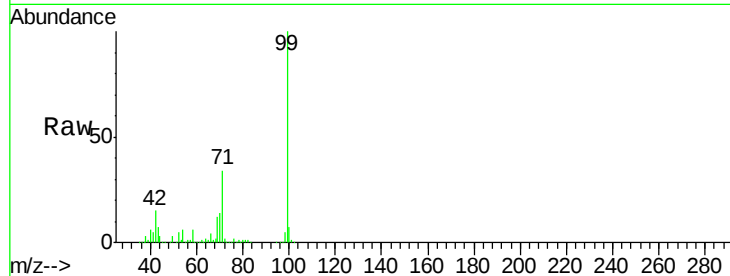
#5
 2-Fluorophenol
 Concen: 100.68 ng
 RT: 5.24 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

Tgt Ion:112 Resp: 514825
 Ion Ratio Lower Upper
 112 100
 64 51.5 42.2 63.2
 63 26.9 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: 117.33 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

EDD-3E

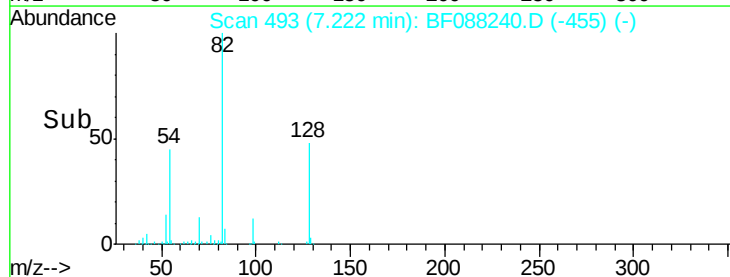
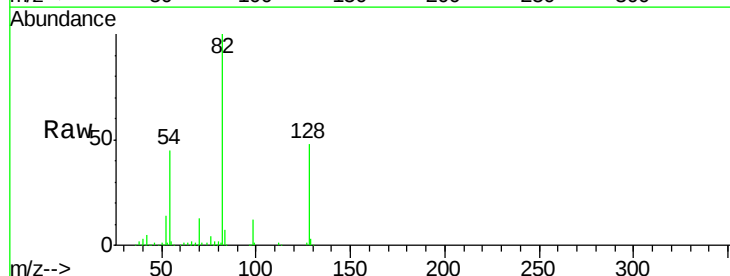
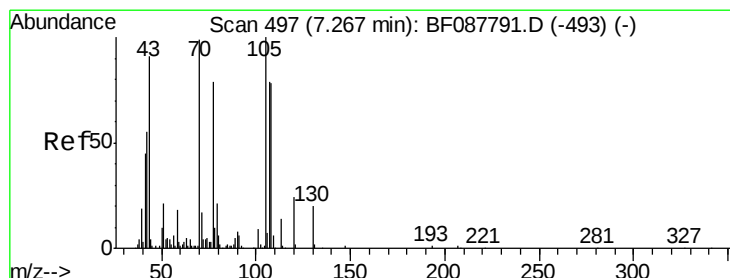
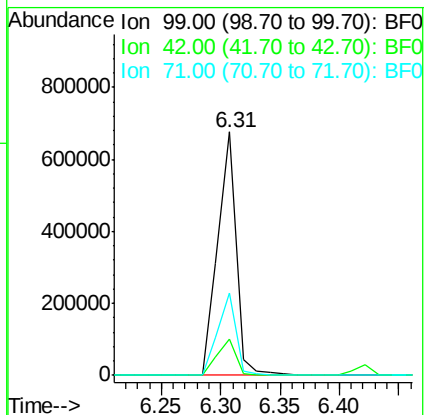
Tgt Ion: 99 Resp: 727126

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

71 33.6 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.14 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Tgt Ion: 70 Resp: 57745

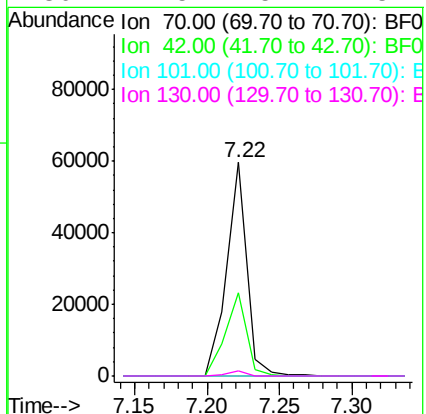
Ion Ratio Lower Upper

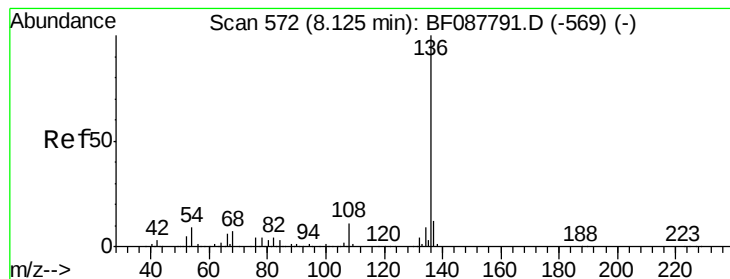
70 100

42 39.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

EDD-3E

Tgt Ion: 136 Resp: 339501

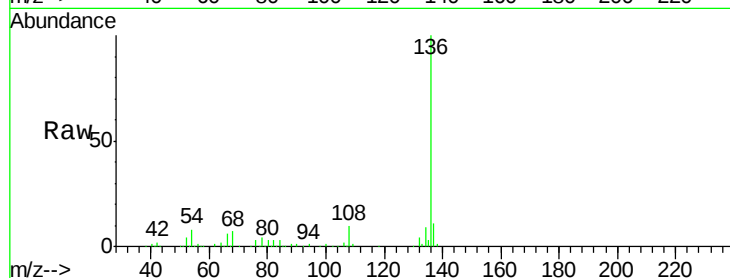
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 6.6 10.0

68 6.8 5.1 7.7

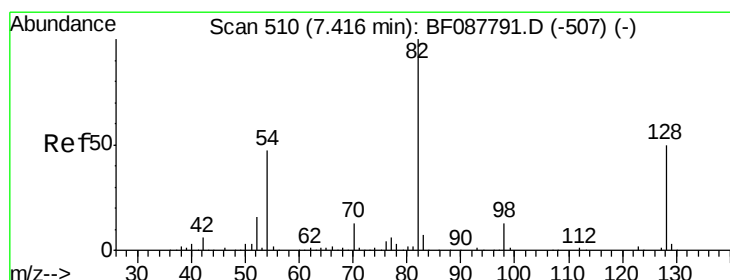
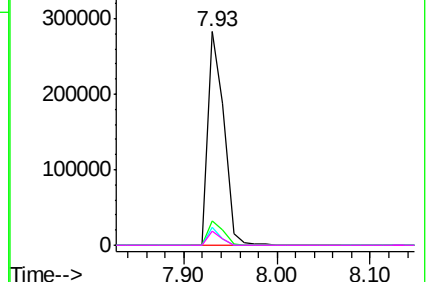
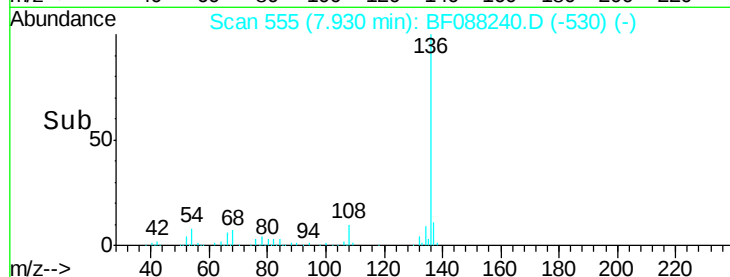


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.65 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

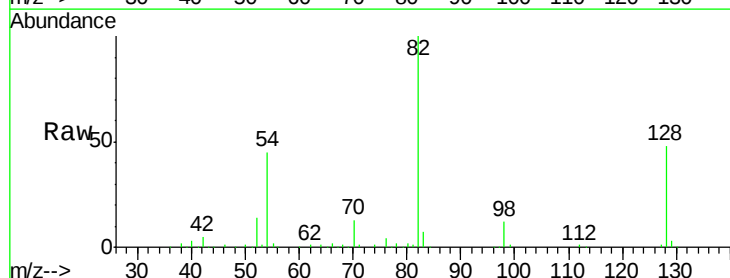
Tgt Ion: 82 Resp: 445613

Ion Ratio Lower Upper

82 100

128 48.3 35.9 53.9

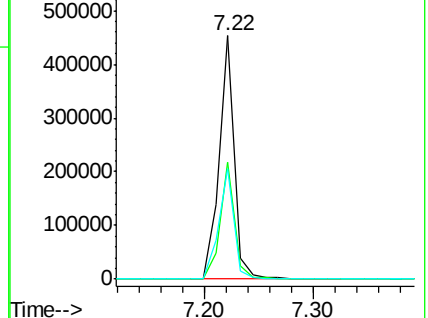
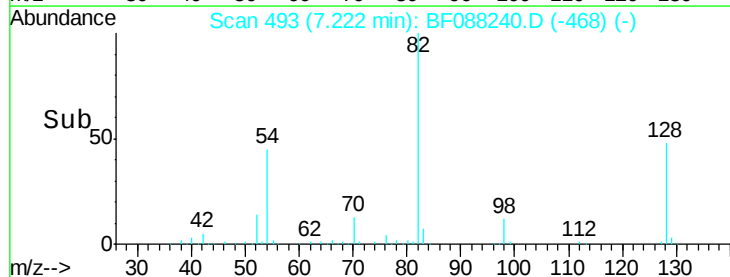
54 45.1 40.9 61.3

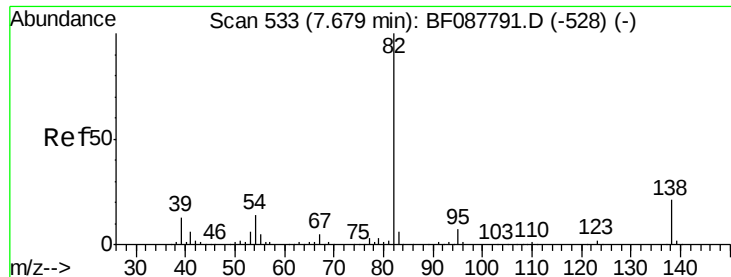


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.38 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.26 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

EDD-3E

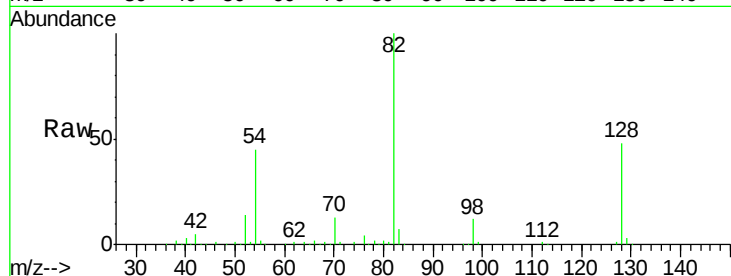
Tgt Ion: 82 Resp: 445598

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

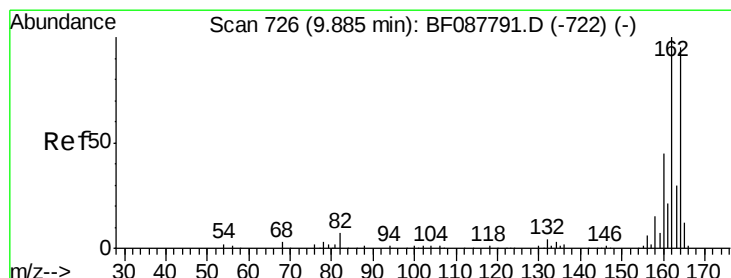
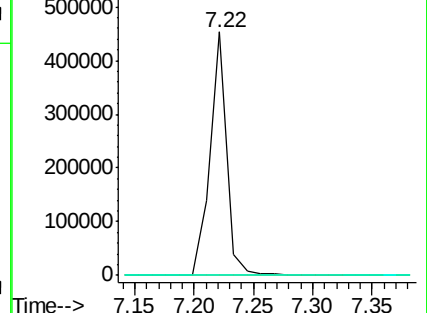
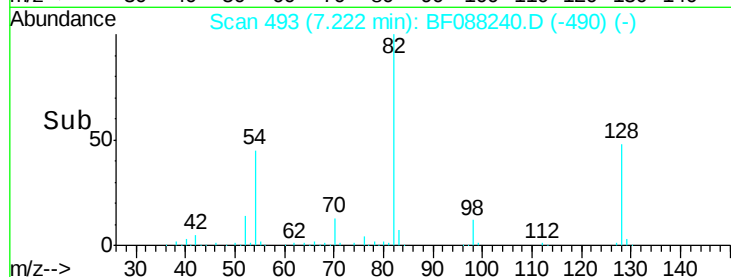
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088240.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BF088240.D (-490) (-)

Ion 138.00 (137.70 to 138.70): BF088240.D (-490) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

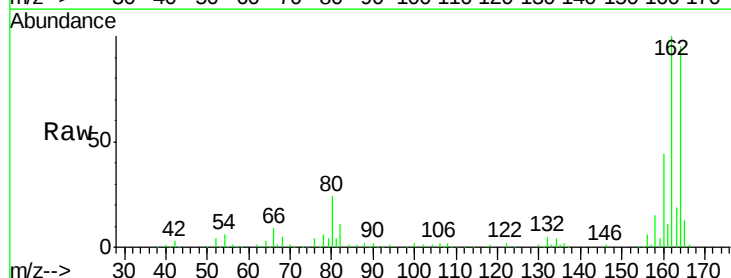
Tgt Ion: 164 Resp: 154213

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

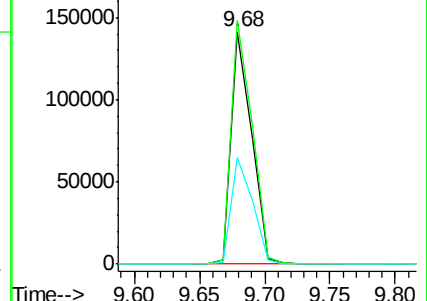
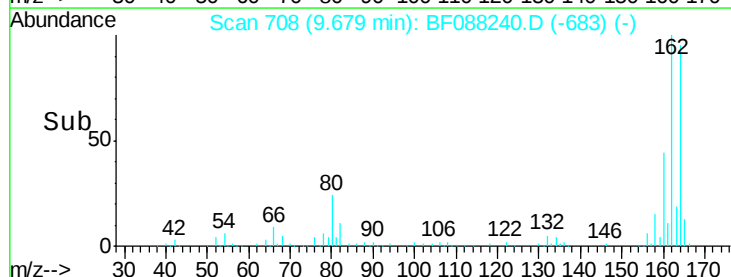
160 46.1 39.5 59.3

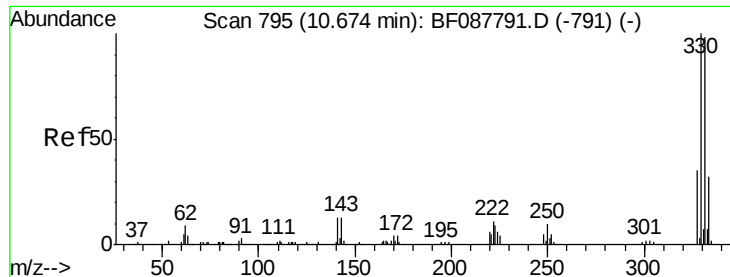


Abundance Ion 164.00 (163.70 to 164.70): BF088240.D (-683) (-)

Ion 162.00 (161.70 to 162.70): BF088240.D (-683) (-)

Ion 160.00 (159.70 to 160.70): BF088240.D (-683) (-)

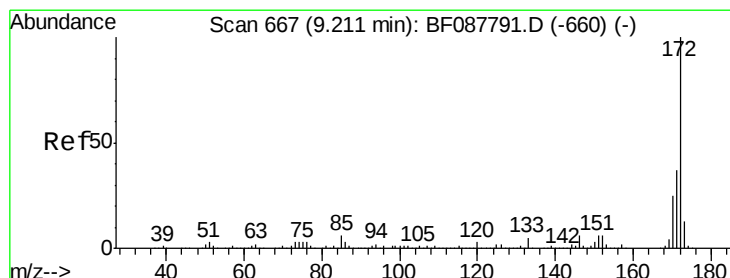
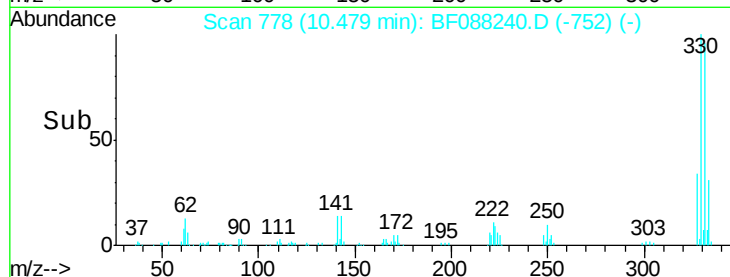
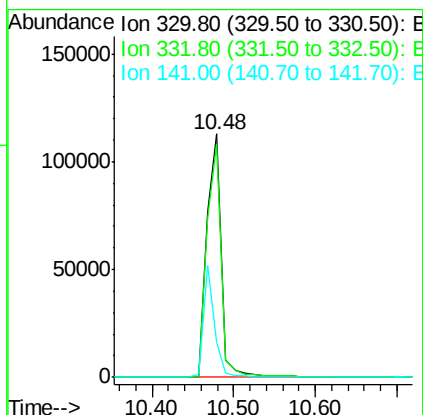
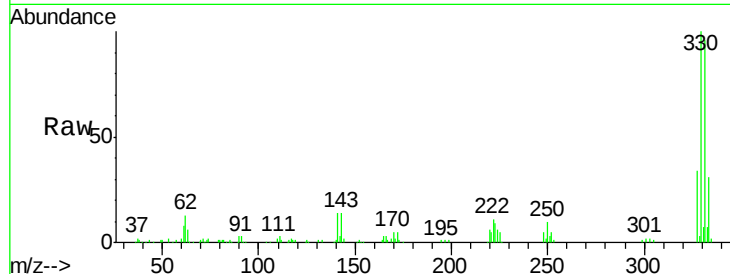




#41
 2,4,6-Tribromophenol
 Concen: 87.58 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

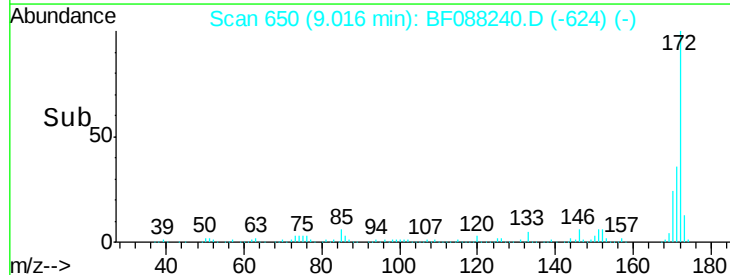
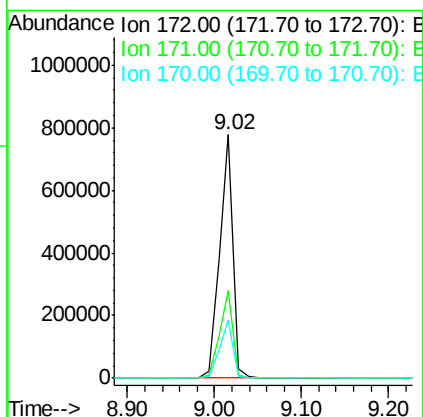
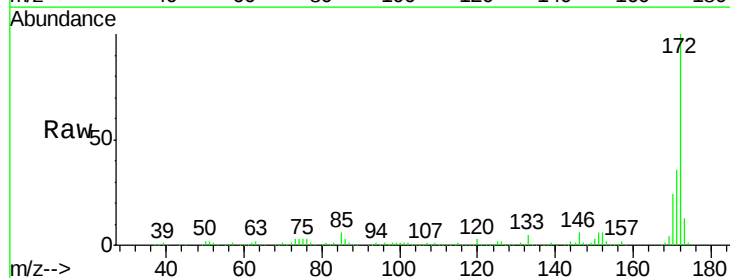
Instrument :
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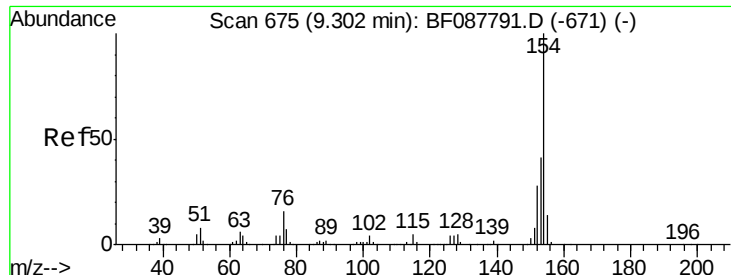
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	35.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.60 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8

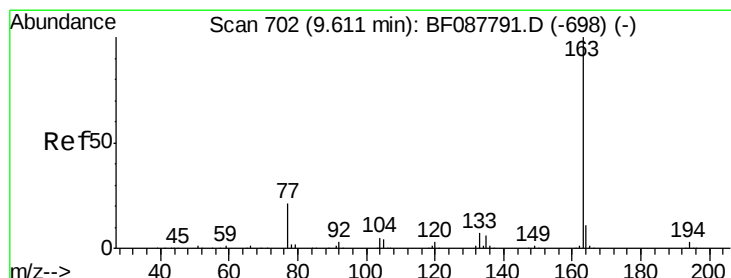
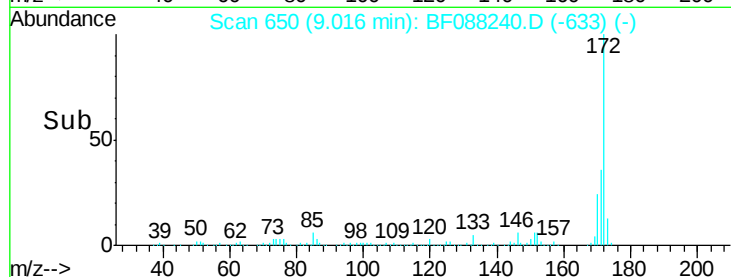
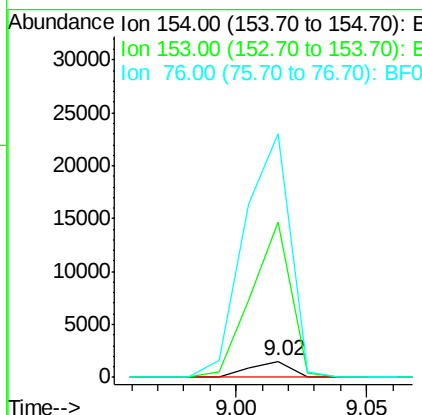
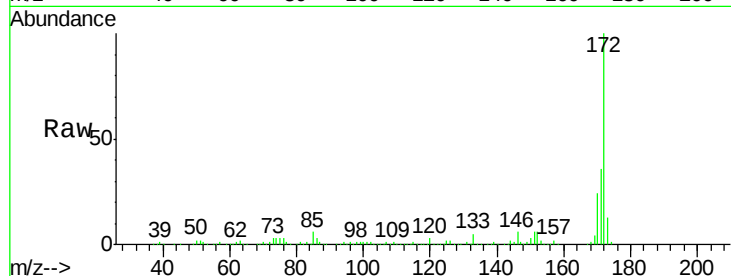




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.02 min Scan# 650
 Delta R.T. -0.10 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

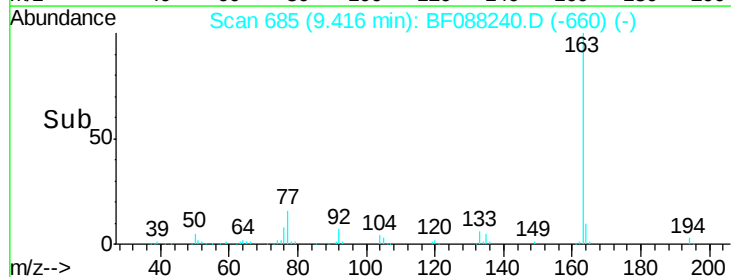
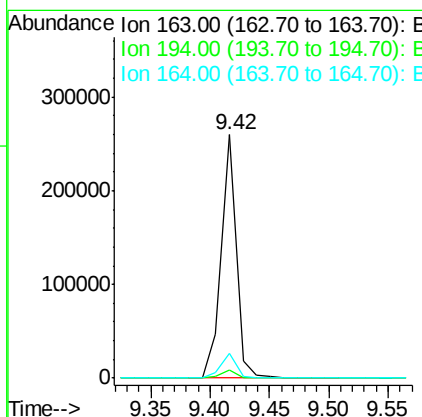
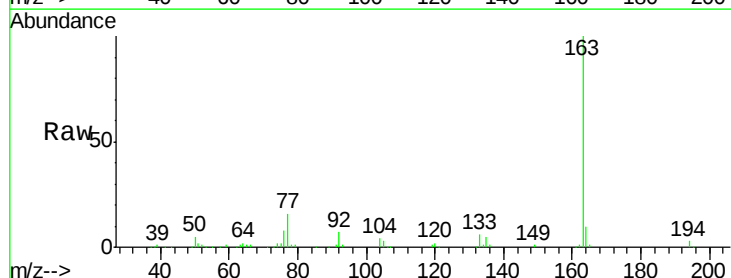
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3E

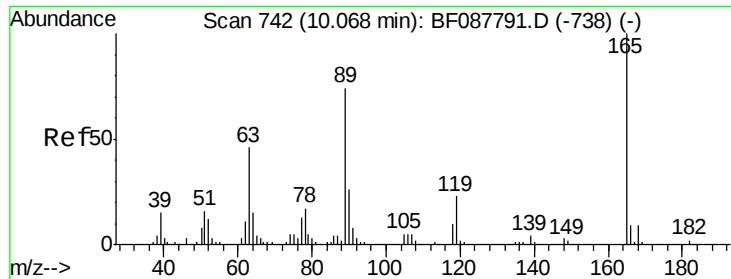
Tgt Ion:154 Resp: 1701
 Ion Ratio Lower Upper
 154 100
 153 950.6 20.6 60.6#
 76 1488.7 0.0 35.1#



#49
 Dimethylphthalate
 Concen: 20.25 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

Tgt Ion:163 Resp: 226193
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 10.0 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.94 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.22 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

EDD-3E

Tgt Ion:165 Resp: 19540

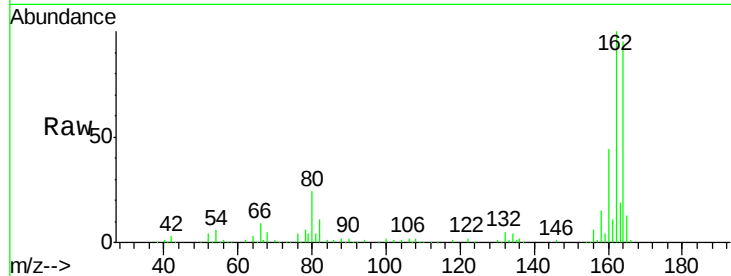
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

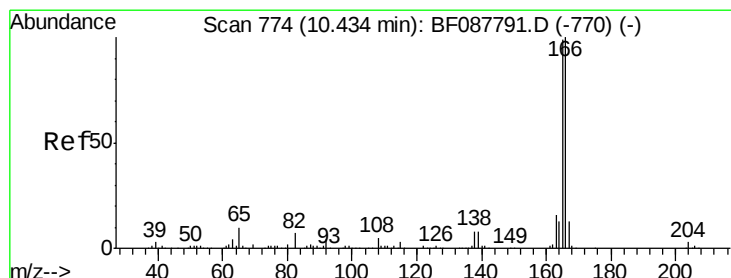
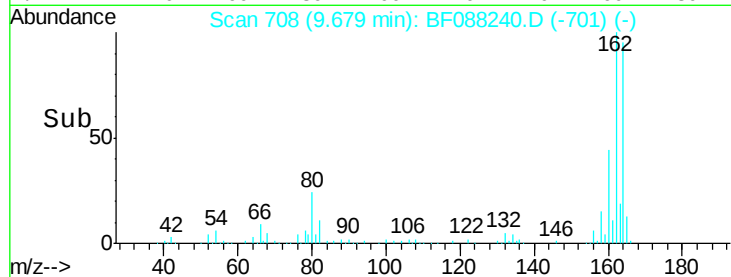
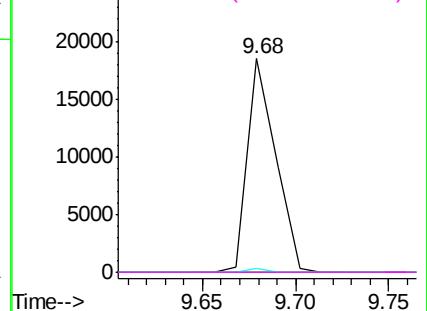


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

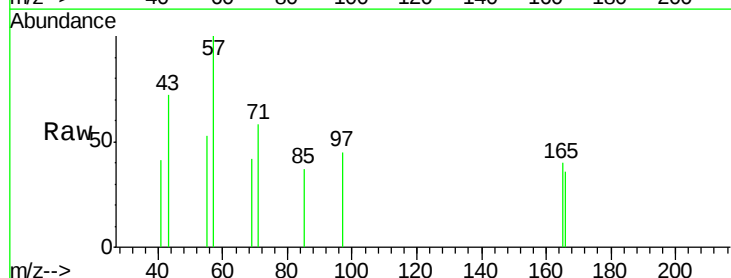
Tgt Ion:166 Resp: 206

Ion Ratio Lower Upper

166 100

165 110.7 77.8 116.8

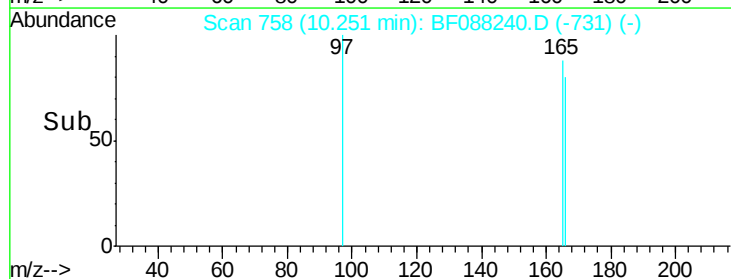
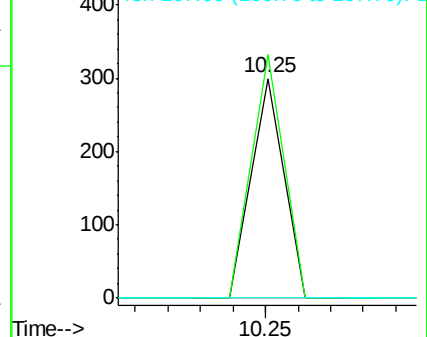
167 0.0 11.2 16.8#

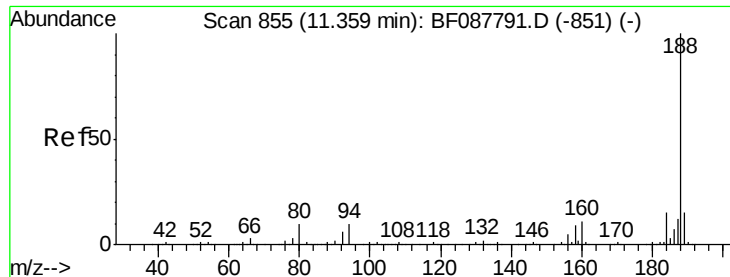


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

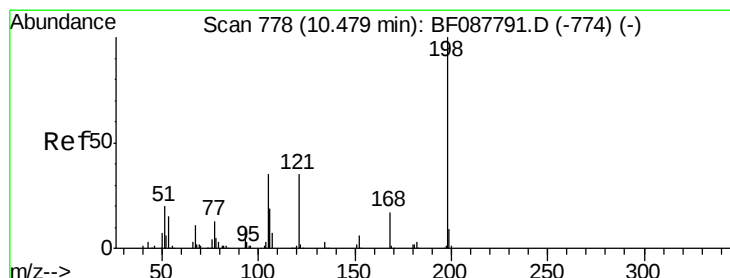
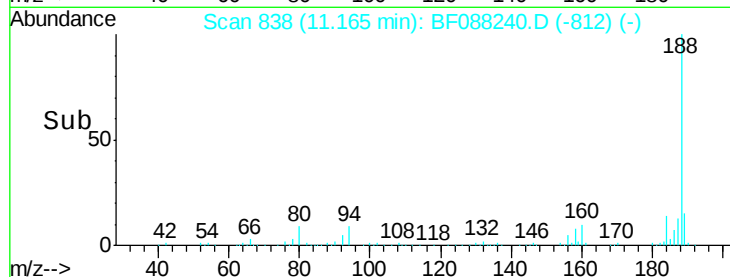
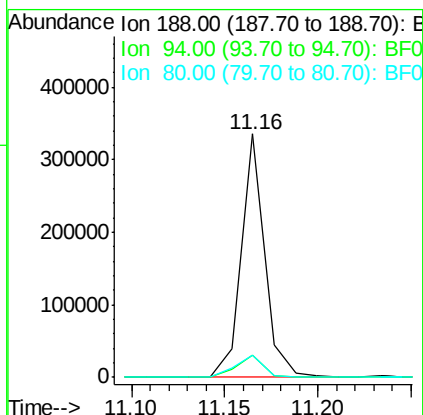
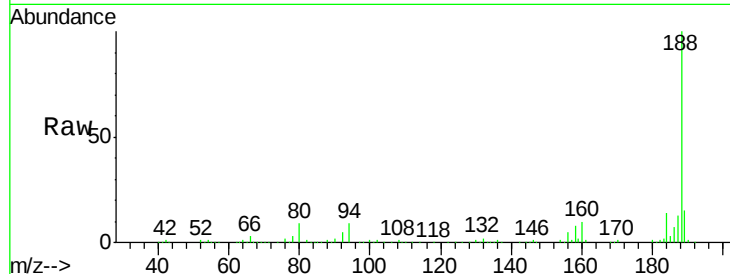




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

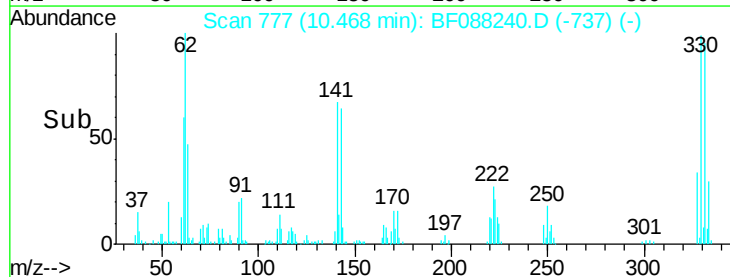
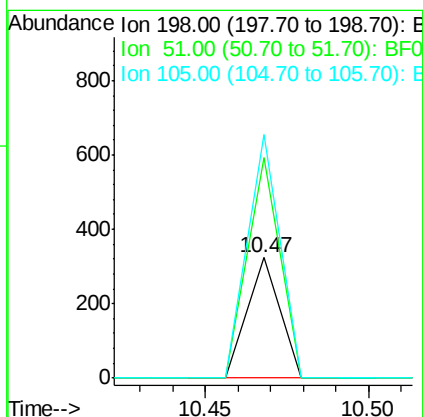
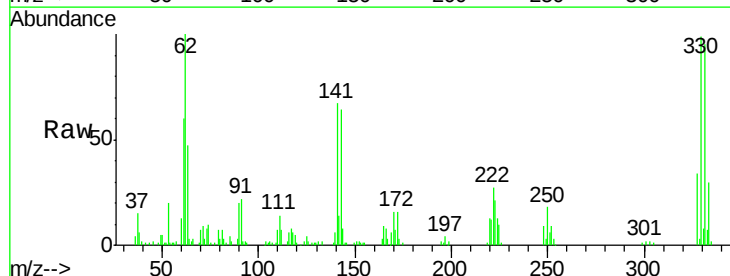
Instrument :
 BNA_F
 ClientSampleId :
 EDD-3E

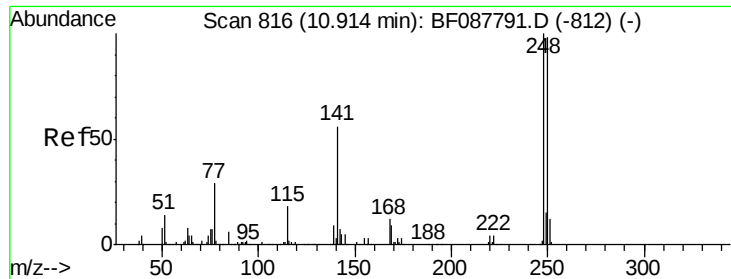
Tgt Ion:188 Resp: 293008
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.6#
 80 9.2 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.28 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.16 min
 Lab File: BF088240.D
 Acq: 22 Jun 2016 5:25

Tgt Ion:198 Resp: 222
 Ion Ratio Lower Upper
 198 100
 51 183.6 39.6 79.6#
 105 202.2 36.6 76.6#

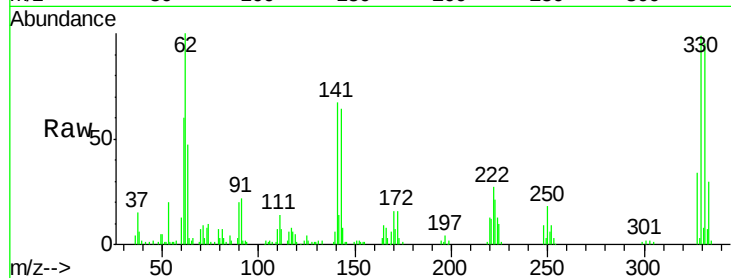




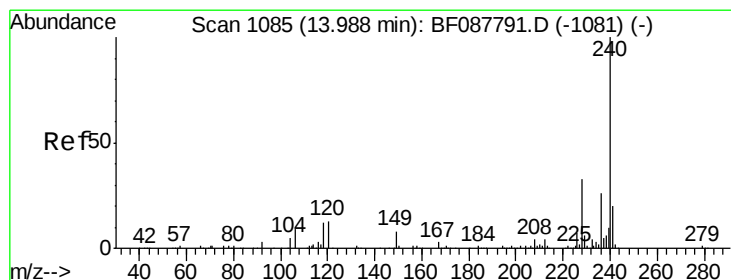
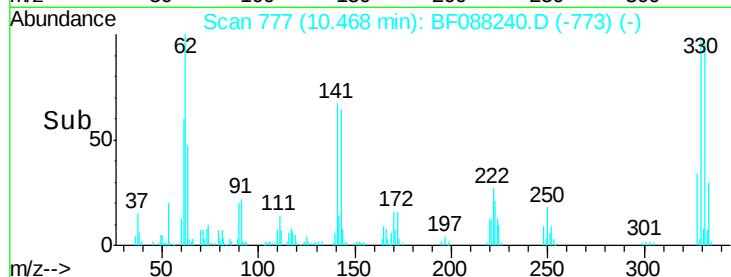
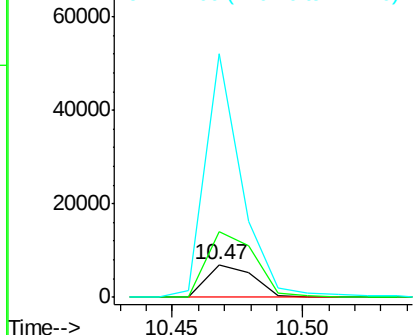
#66
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.25 min
Lab File: BF088240.D
Acq: 22 Jun 2016 5:25

Instrument :
BNA_F
ClientSampleId :
EDD-3E

Tgt Ion:248 Resp: 8821
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 740.6 50.6 76.0#

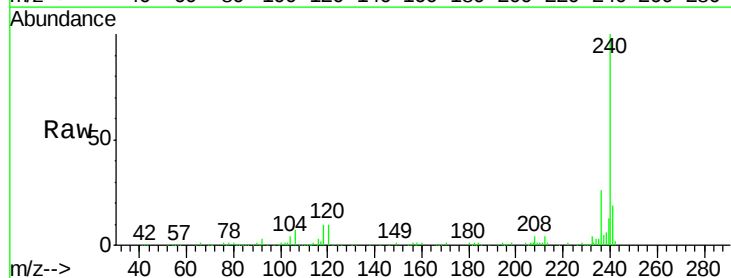


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

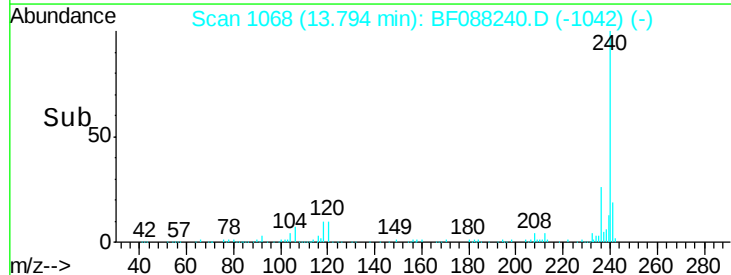
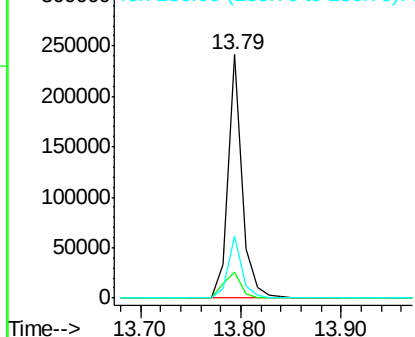


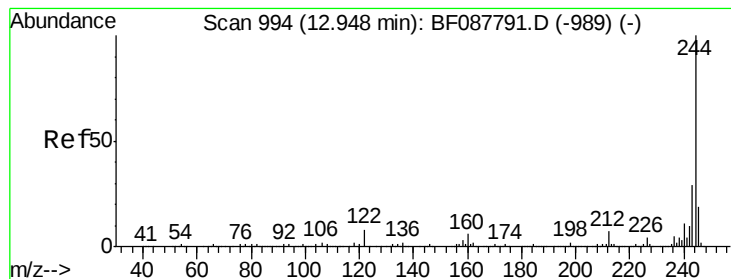
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088240.D
Acq: 22 Jun 2016 5:25

Tgt Ion:240 Resp: 233725
Ion Ratio Lower Upper
240 100
120 10.5 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: 69.86 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

Instrument :

BNA_F

ClientSampleId :

EDD-3E

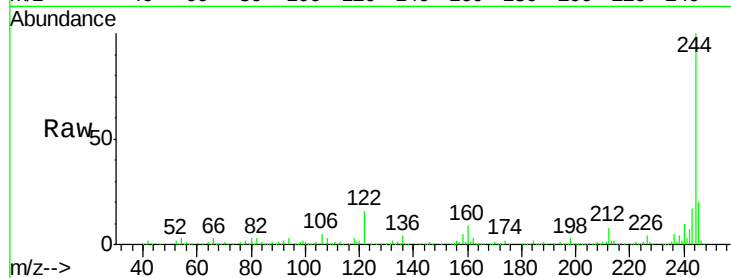
Tgt Ion:244 Resp: 717589

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

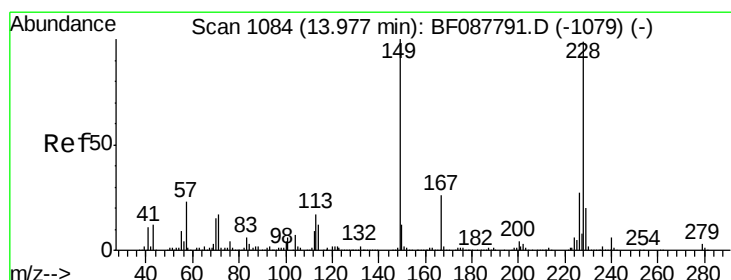
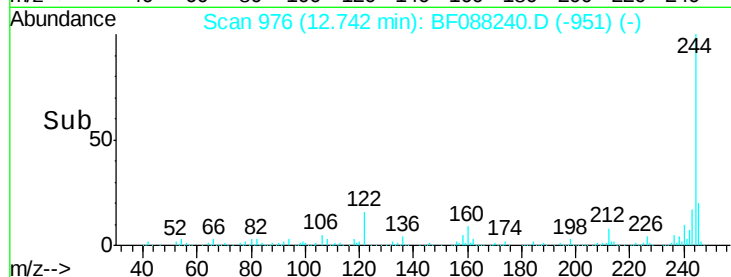
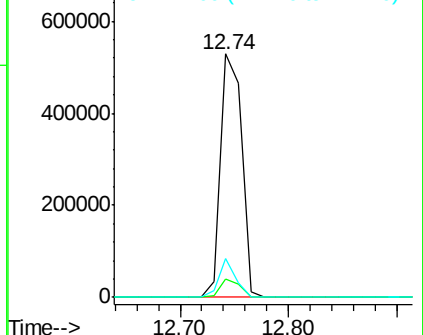
122 16.1 11.2 16.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.86 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088240.D

Acq: 22 Jun 2016 5:25

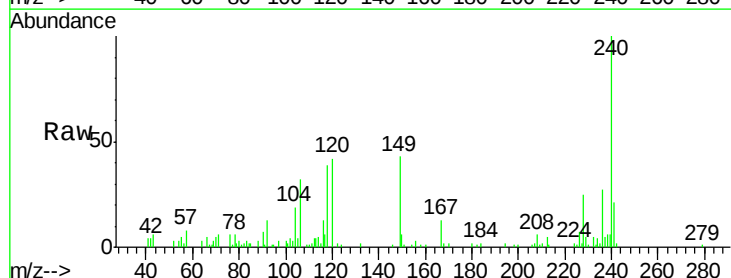
Tgt Ion:149 Resp: 26678

Ion Ratio Lower Upper

149 100

167 28.9 20.5 30.7

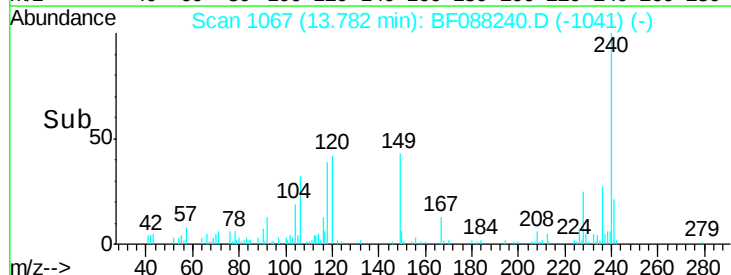
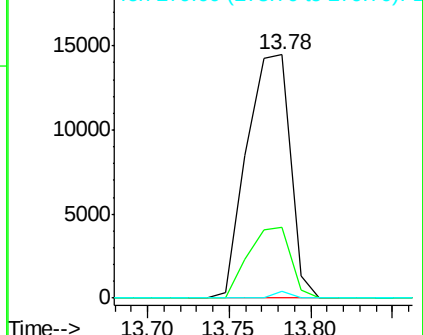
279 2.6 2.0 3.0

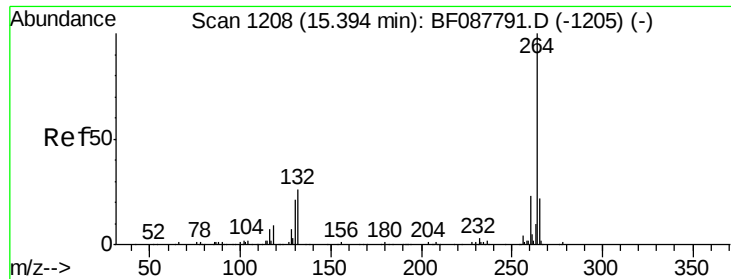


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

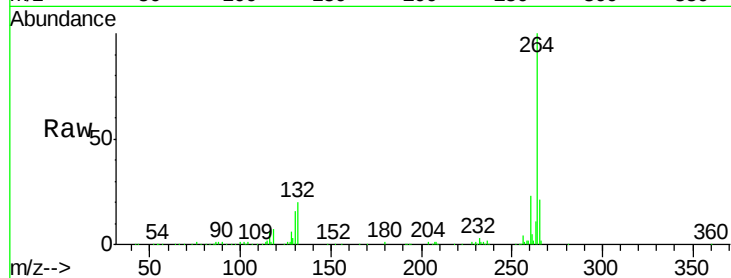




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088240.D
Acq: 22 Jun 2016 5:25

Instrument :
BNA_F
ClientSampleId :
EDD-3E

Tgt Ion: 264 Resp: 177378
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.5 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

