

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088081.D
 Acq On : 16 Jun 2016 17:52
 Operator : UM/SJ
 Sample : H3570-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Jun 16 18:23:25 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	117867	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	440946	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	199241	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	392853	20.00	ng	0.00
75) Chrysene-d12	13.86	240	267991	20.00	ng	0.00
86) Perylene-d12	15.25	264	237419	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	471450	68.38	ng	0.00
7) Phenol-d6	6.36	99	668937	80.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	369192	48.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	131331	62.43	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	688793	52.17	ng	0.00
78) Terphenyl-d14	12.81	244	511858	43.46	ng	-0.01

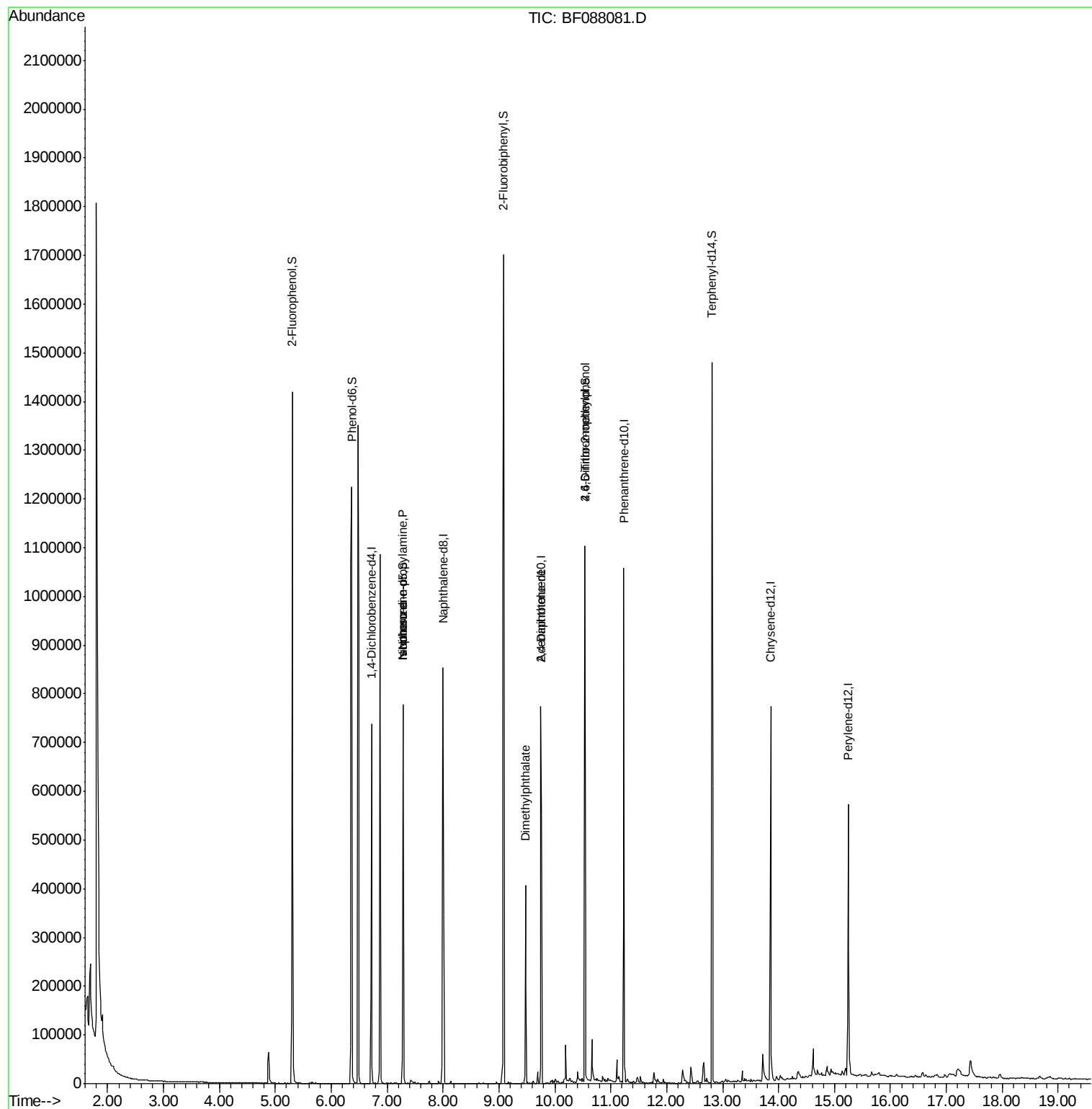
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	5761	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.28	70	45811	8.57 ng	#	73
25) Isophorone	7.28	82	358527	25.63 ng	#	65
45) 1,1'-Biphenyl	9.08	154	1245	Below Cal	#	1
49) Dimethylphthalate	9.47	163	206352	14.30 ng		99
56) 2,4-Dinitrotoluene	9.75	165	25737	6.06 ng	#	38
57) Fluorene	10.30	166	501	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	261	2.26 ng	#	1

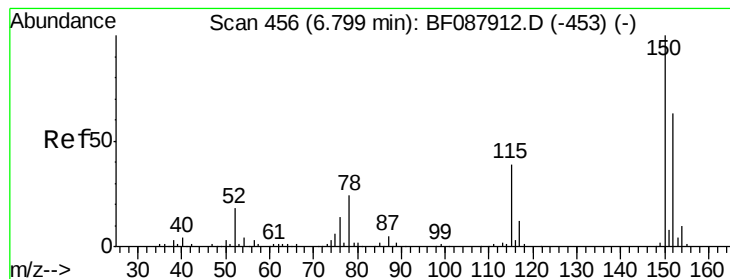
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

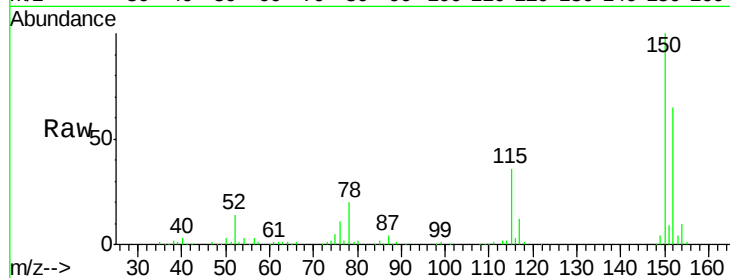
Tgt Ion:152 Resp: 117867

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

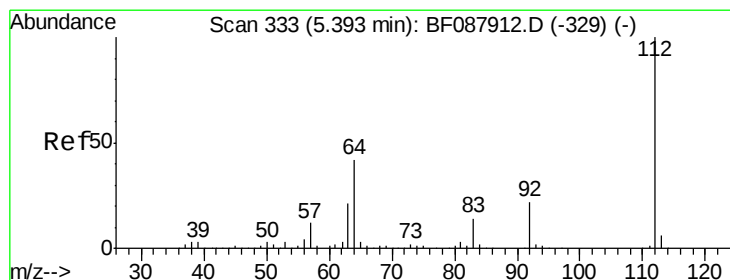
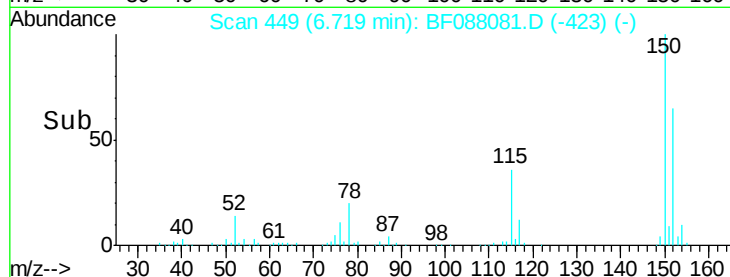
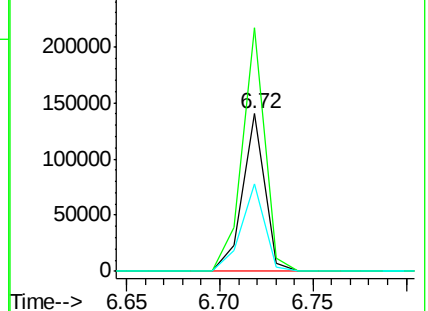
115 55.8 39.6 59.4



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: 68.38 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

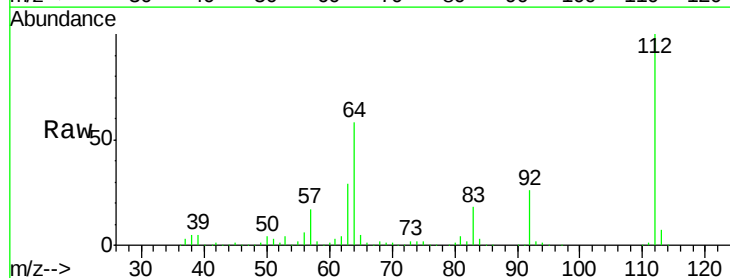
Tgt Ion:112 Resp: 471450

Ion Ratio Lower Upper

112 100

64 57.6 42.2 63.2

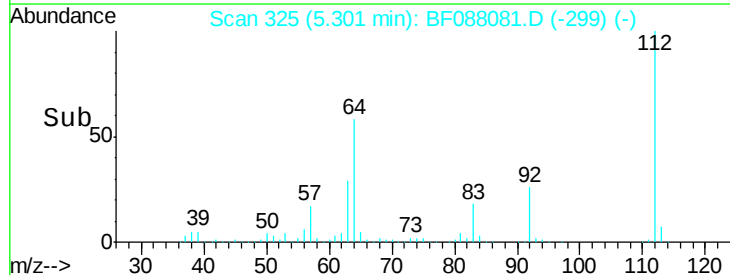
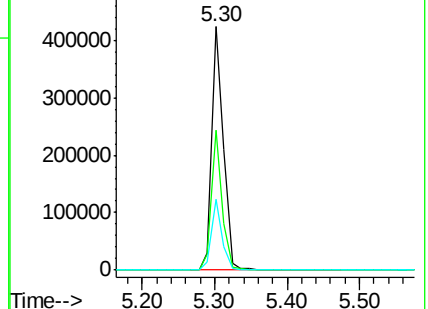
63 29.1 21.8 32.8

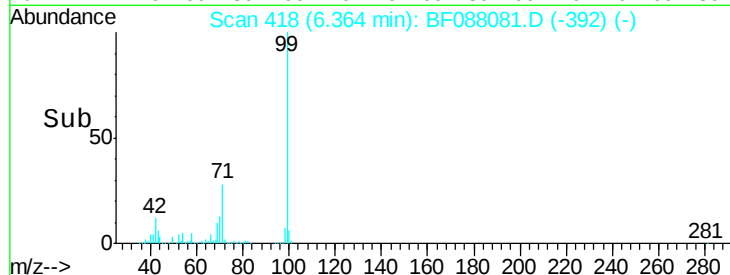
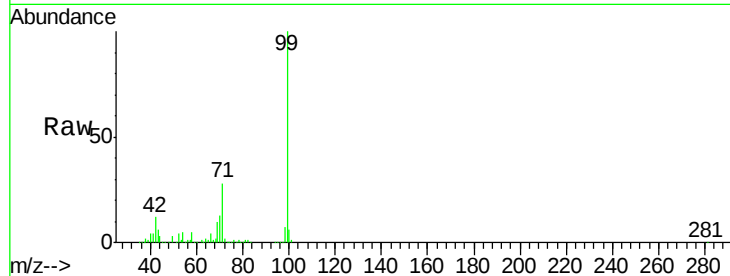


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.06 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

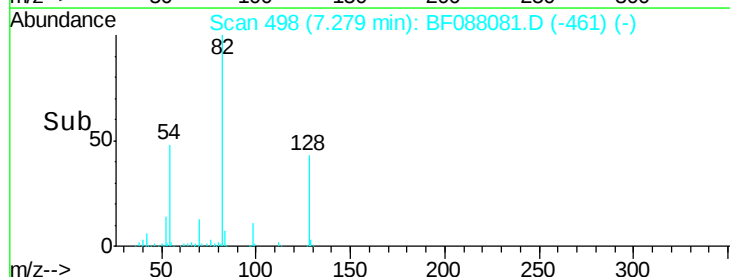
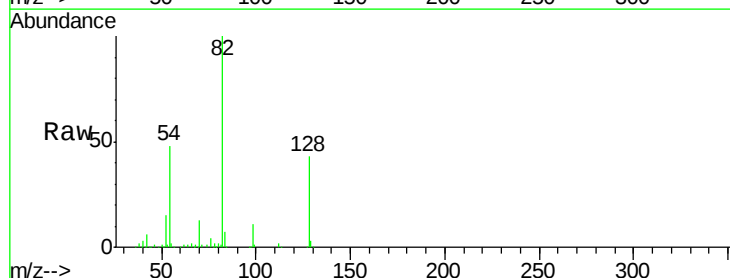
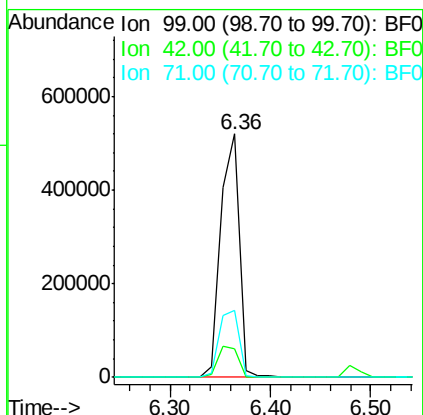
Tgt Ion: 99 Resp: 668937

Ion Ratio Lower Upper

99 100

42 11.5 12.2 18.2#

71 27.6 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: BF088081.D

Acq: 16 Jun 2016 17:52

Tgt Ion: 70 Resp: 45811

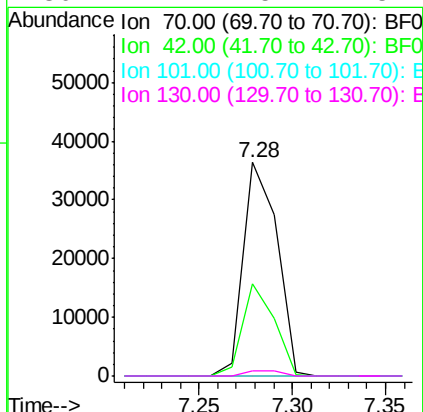
Ion Ratio Lower Upper

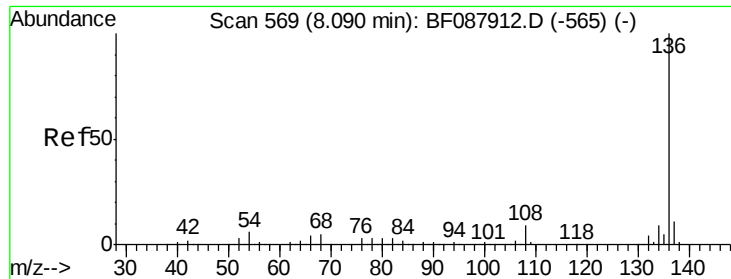
70 100

42 43.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

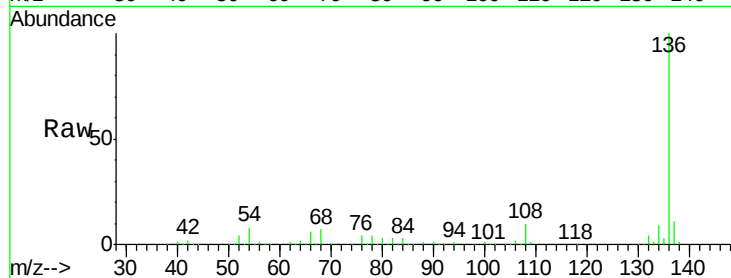




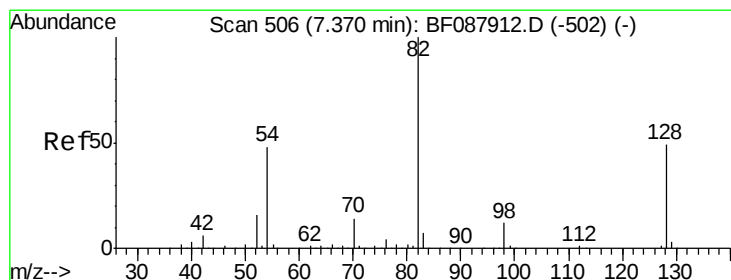
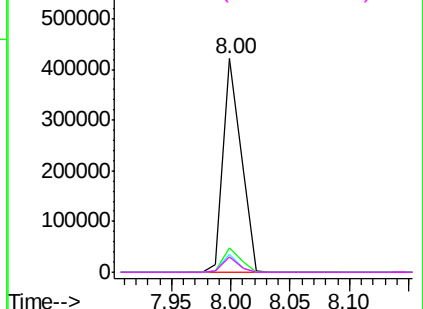
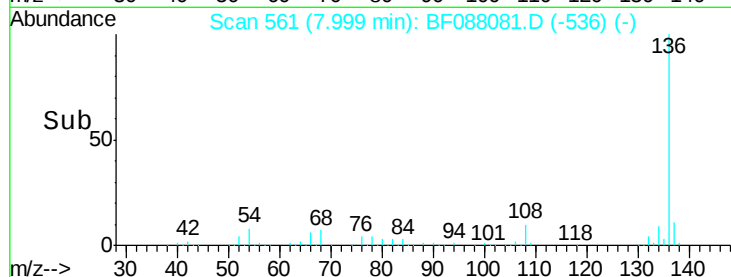
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion: 136 Resp: 440946
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.5 6.6 10.0
68 7.0 5.1 7.7

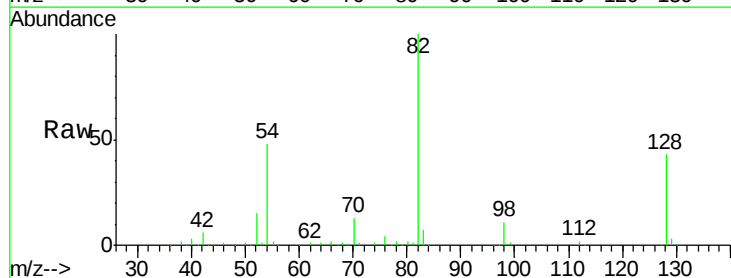


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

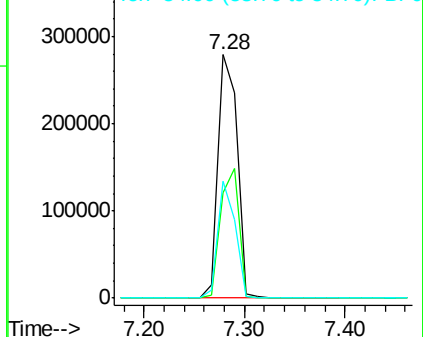
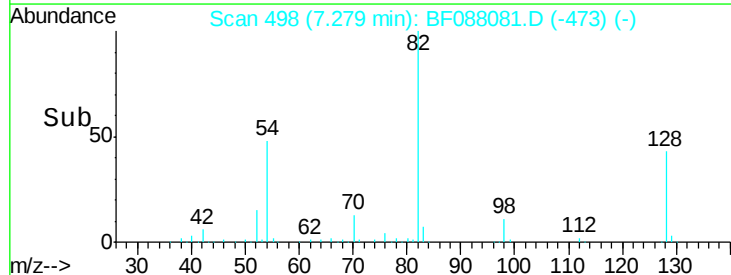


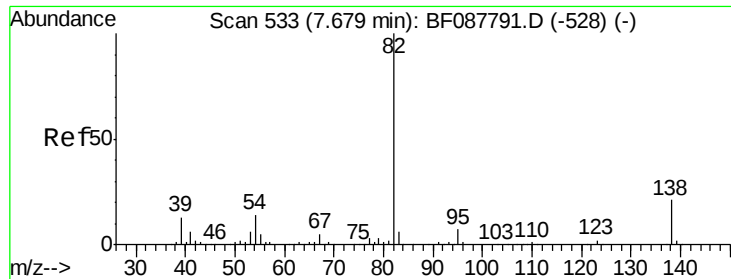
#23
Nitrobenzene-d5
Concen: 48.89 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion: 82 Resp: 369192
Ion Ratio Lower Upper
82 100
128 43.1 35.9 53.9
54 48.0 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: 25.63 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.27 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

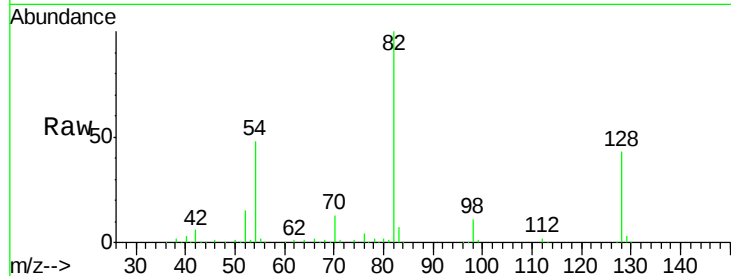
Tgt Ion: 82 Resp: 358527

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

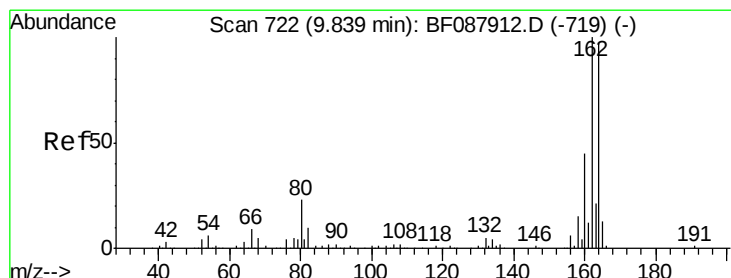
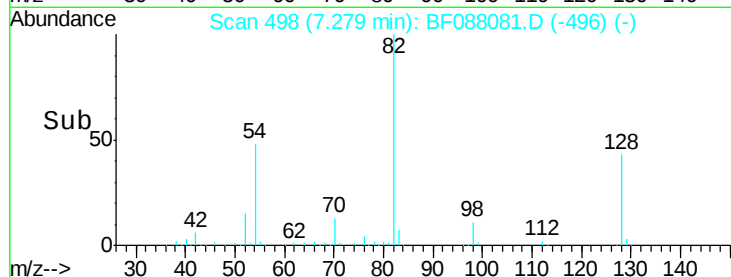
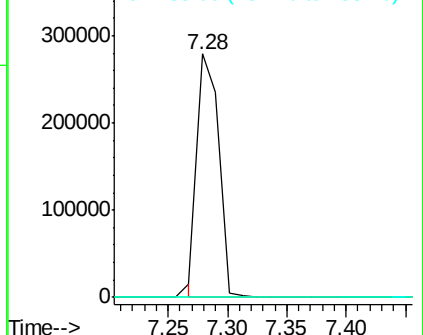
138 0.0 14.6 21.8#



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: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

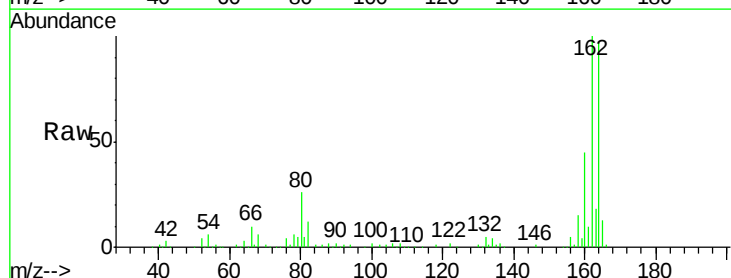
Tgt Ion: 164 Resp: 199241

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

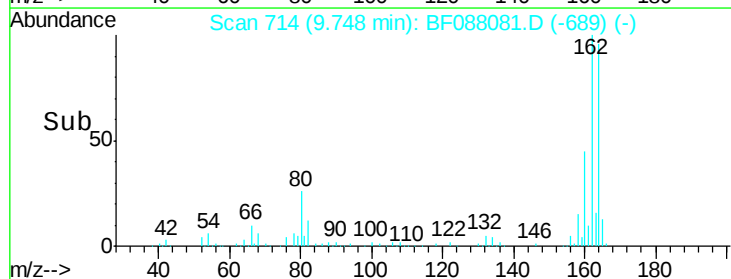
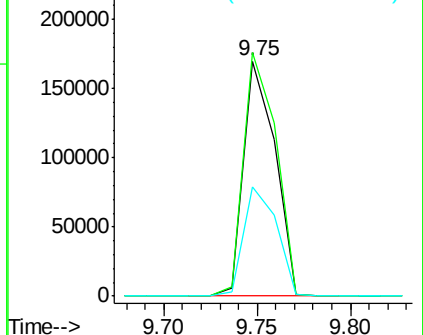
160 46.3 39.5 59.3

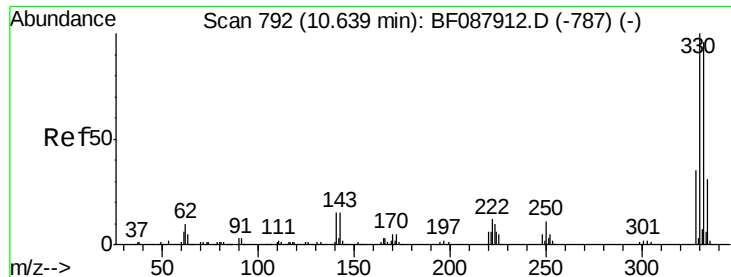


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

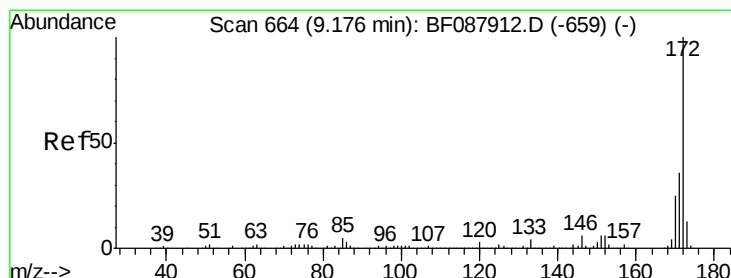
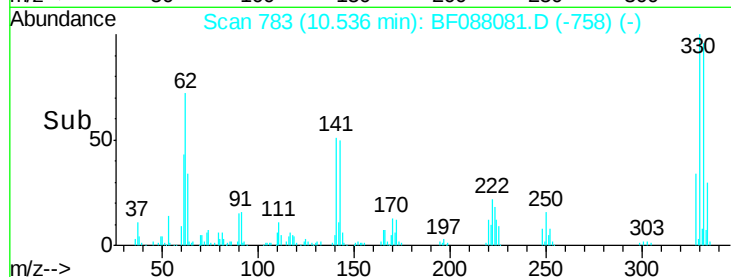
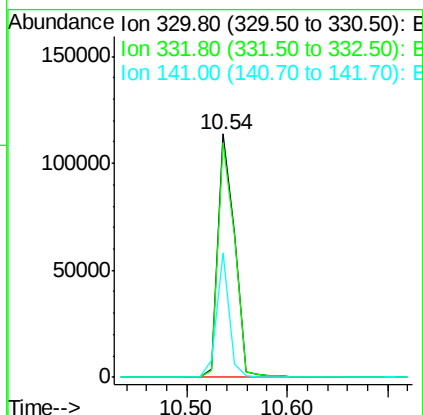
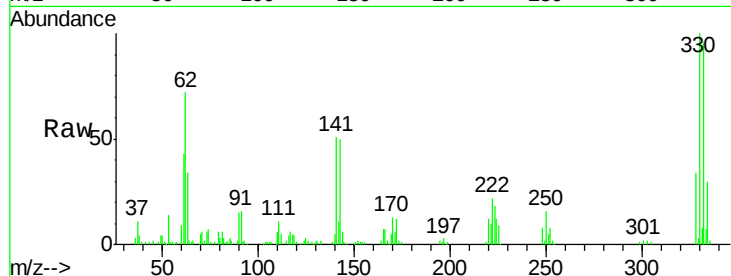




#41
 2,4,6-Tribromophenol
 Concen: 62.43 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088081.D
 Acq: 16 Jun 2016 17:52

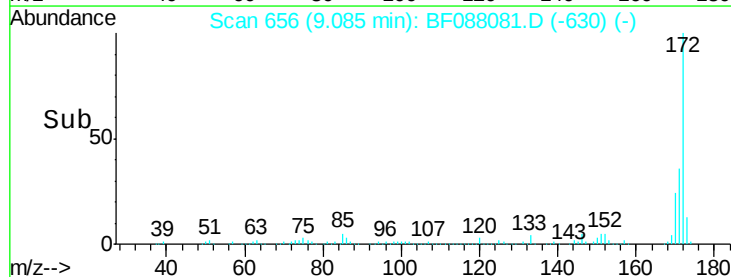
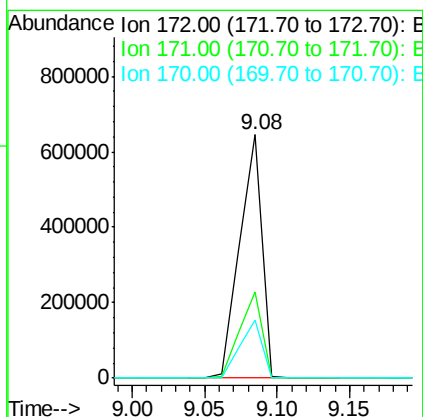
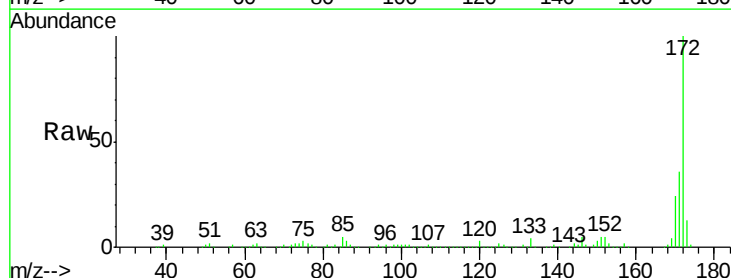
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 52.17 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088081.D
 Acq: 16 Jun 2016 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	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: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

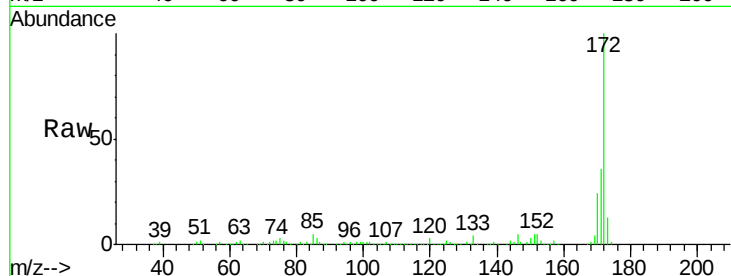
Tgt Ion:154 Resp: 1245

Ion Ratio Lower Upper

154 100

153 951.7 20.6 60.6#

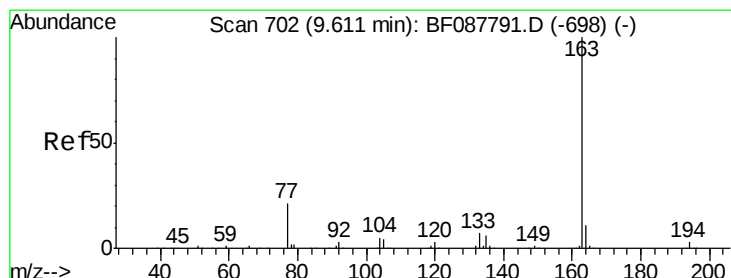
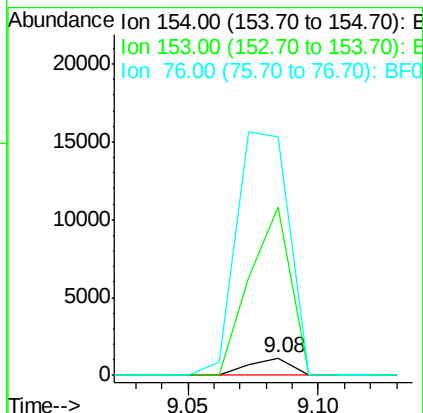
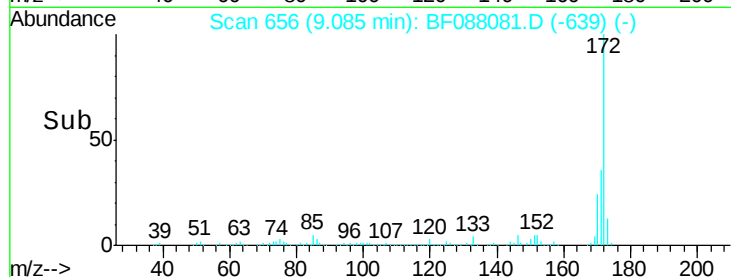
76 1346.0 0.0 35.1#



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: 14.30 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

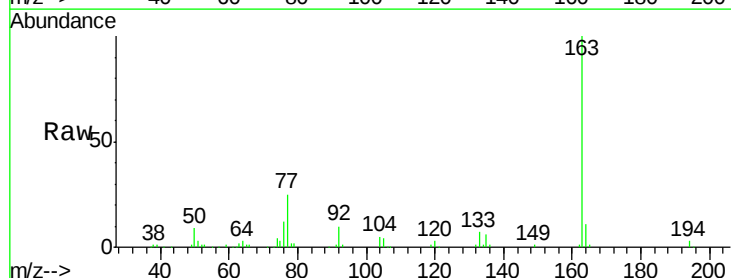
Tgt Ion:163 Resp: 206352

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

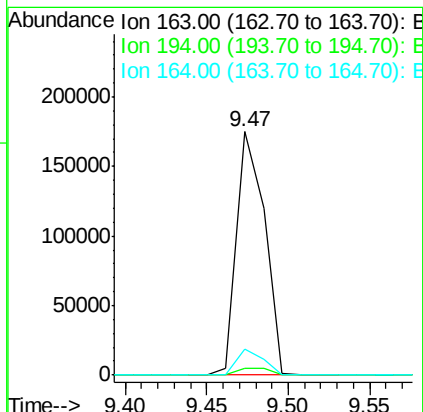
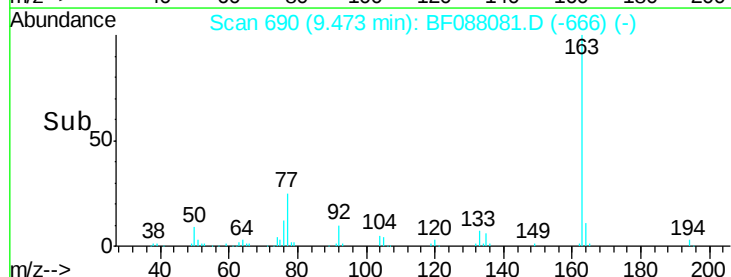
164 10.6 8.3 12.5



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: 6.06 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.21 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

Tgt Ion:165 Resp: 25737

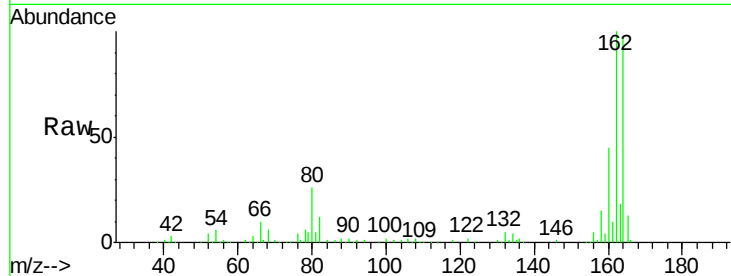
Ion Ratio Lower Upper

165 100

63 1.4 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

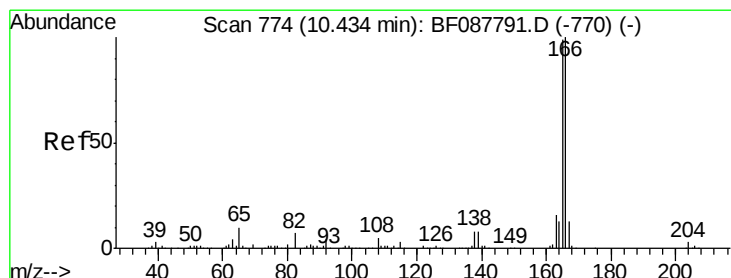
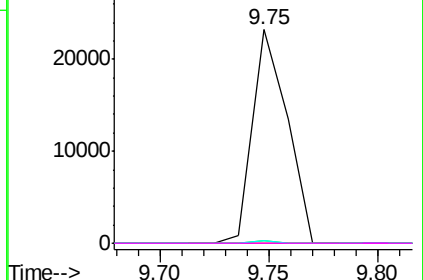
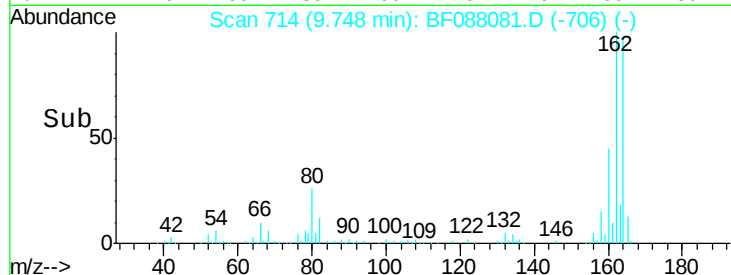


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

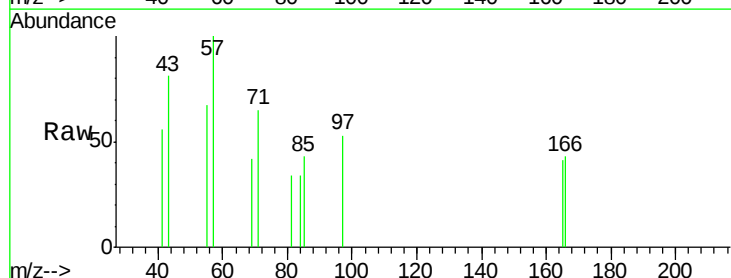
Tgt Ion:166 Resp: 501

Ion Ratio Lower Upper

166 100

165 95.8 77.8 116.8

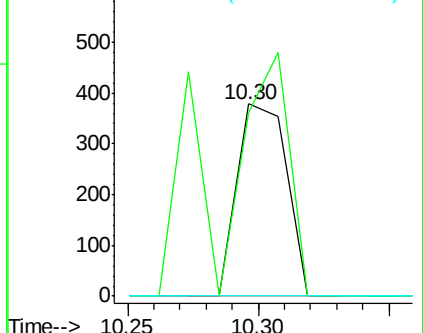
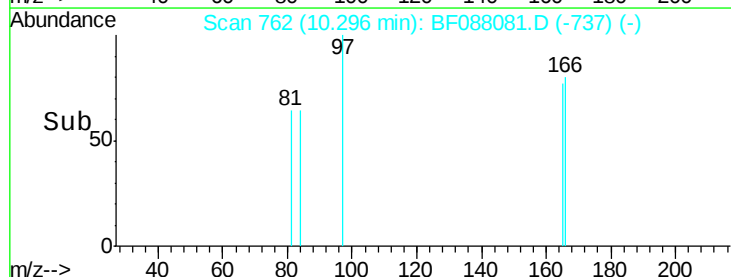
167 0.0 11.2 16.8#

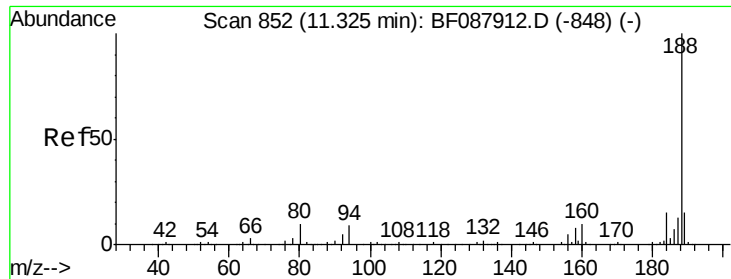


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

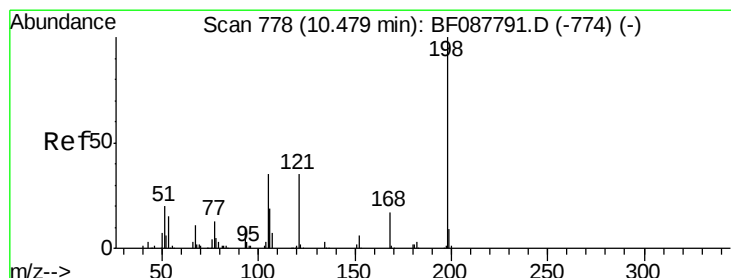
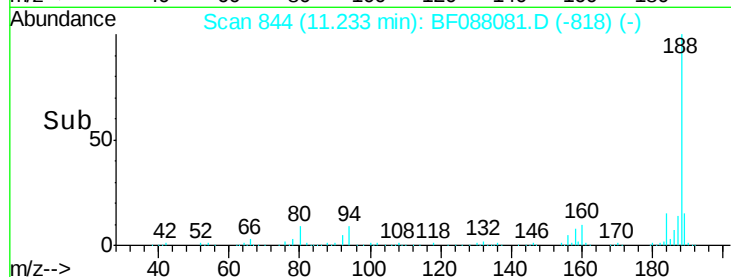
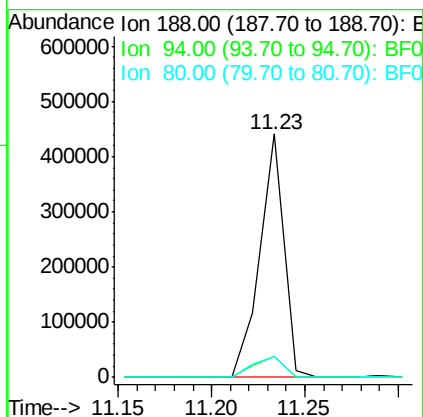
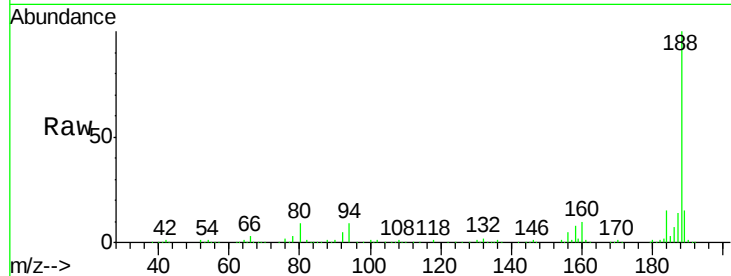




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

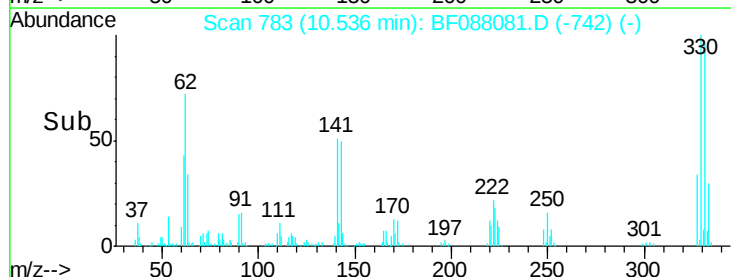
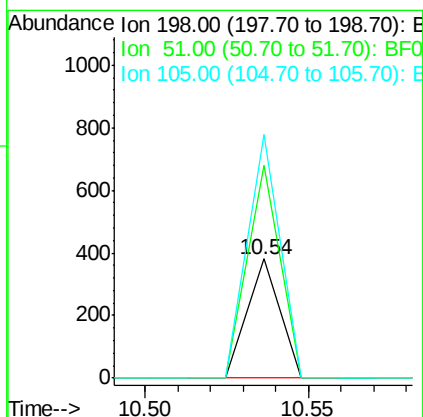
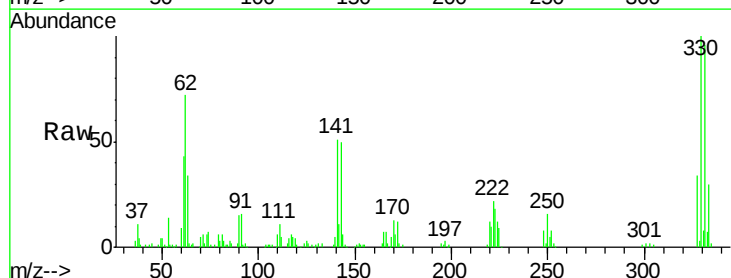
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

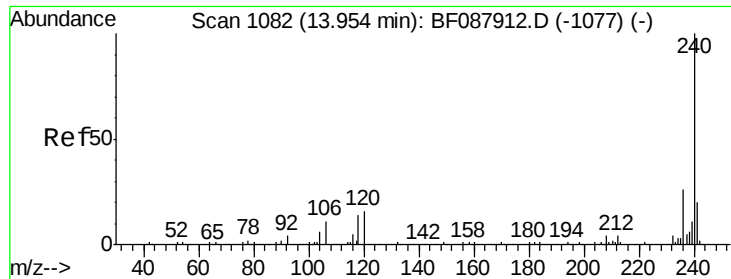
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	8.7	10.0	15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.26 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.17 min
Lab File: BF088081.D
Acq: 16 Jun 2016 17:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	178.5	39.6	79.6#
105	204.2	36.6	76.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

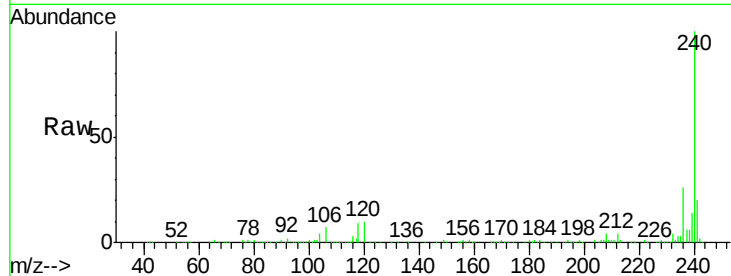
Tgt Ion:240 Resp: 267991

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

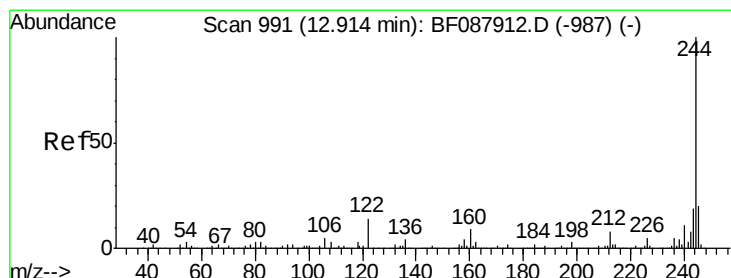
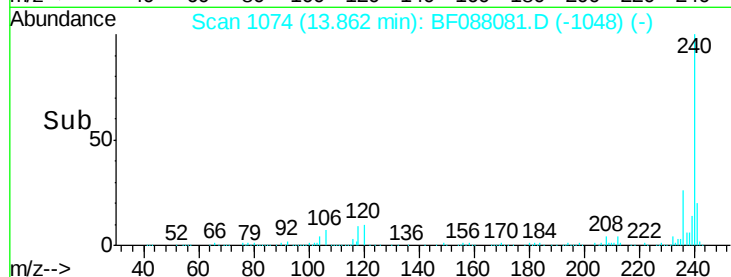
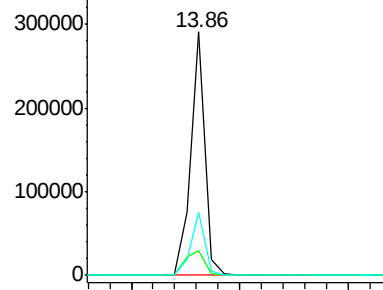
236 26.0 20.2 30.2



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: 43.46 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

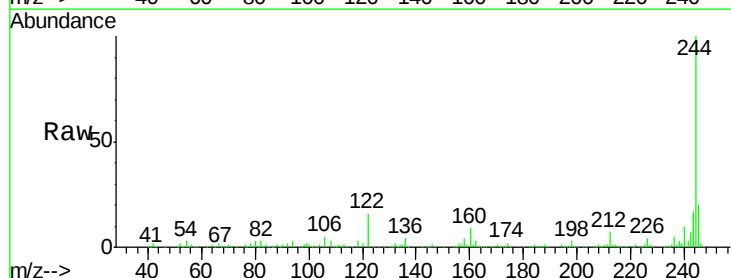
Tgt Ion:244 Resp: 511858

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

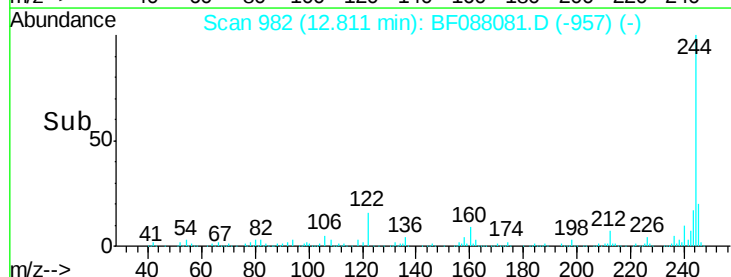
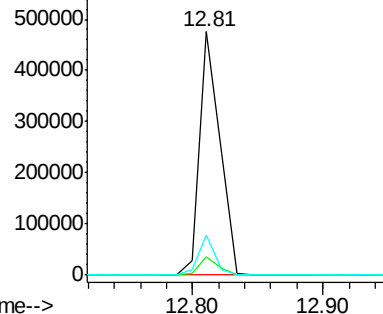
122 16.2 11.2 16.8

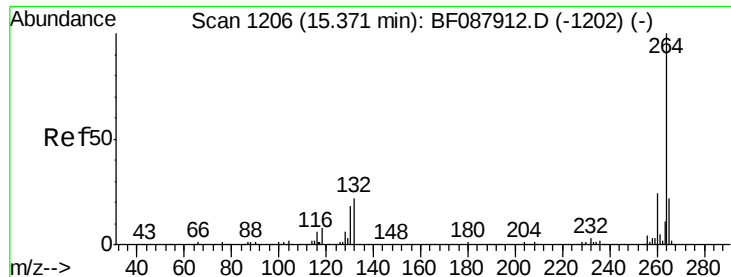


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088081.D

Acq: 16 Jun 2016 17:52

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

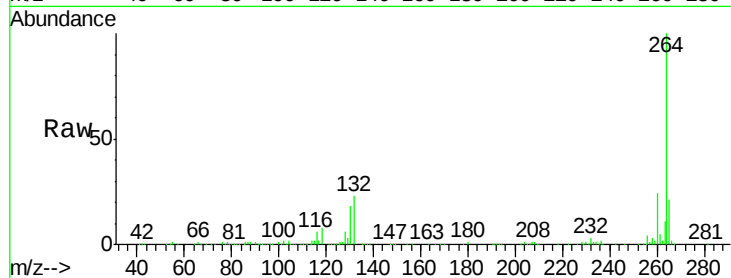
Tgt Ion: 264 Resp: 237419

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

