

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089536.D
 Acq On : 2 Aug 2016 3:55
 Operator : UM/SJ
 Sample : H4288-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

Quant Time: Aug 02 04:59:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

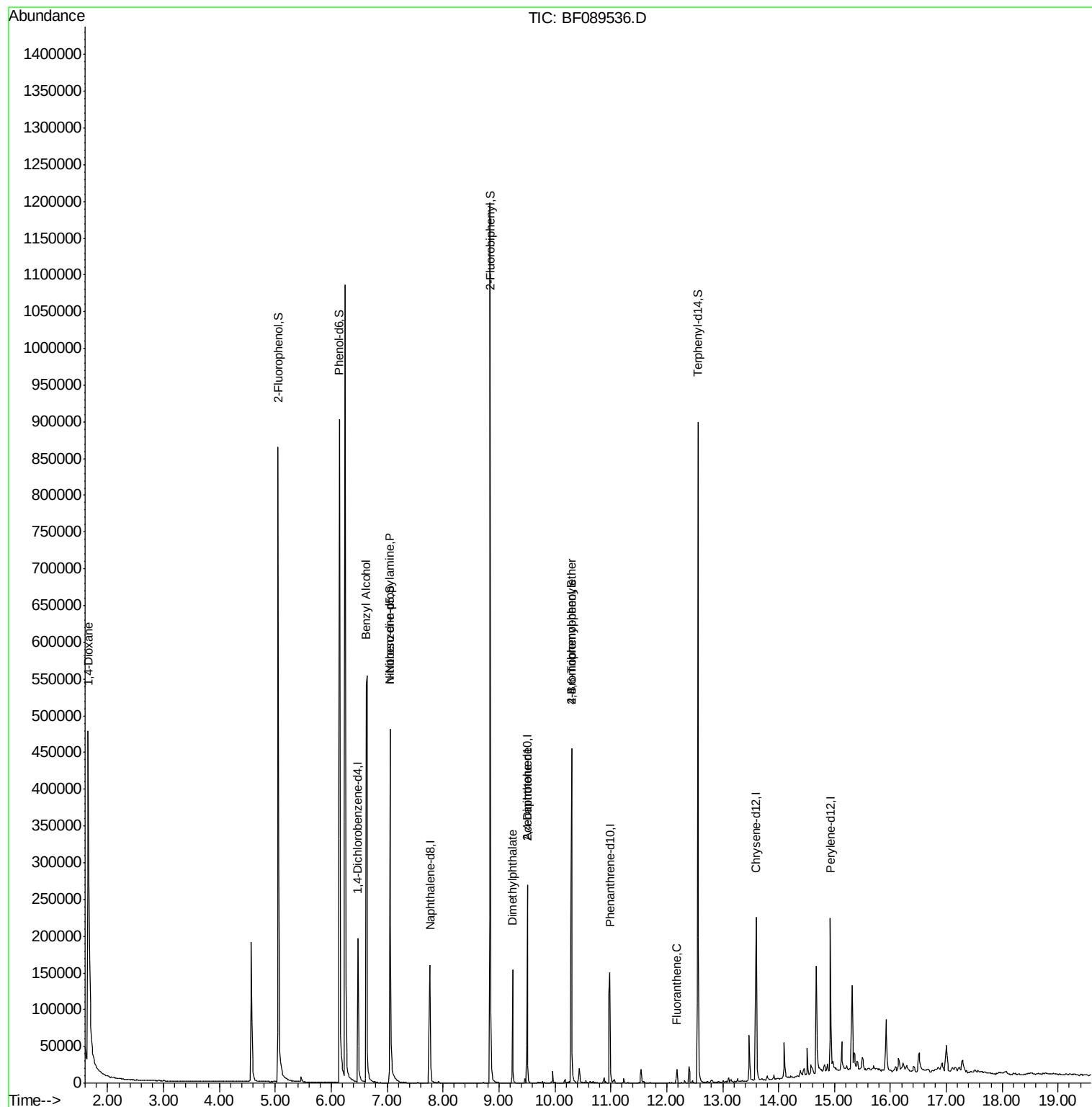
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	35788	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	124826	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	53182	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	86841	20.00	ng	0.00
75) Chrysene-d12	13.60	240	90480	20.00	ng	-0.01
86) Perylene-d12	14.93	264	81822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	292747	130.61	ng	0.01
7) Phenol-d6	6.15	99	401790	135.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	220277	104.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	60467	137.28	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	367581	101.43	ng	-0.01
78) Terphenyl-d14	12.56	244	271887	70.33	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	31624	30.29	ng	# 26
15) Benzyl Alcohol	6.63	79	3757	2.04	ng	# 50
19) n-Nitroso-di-n-propylamine	7.05	70	28437	15.92	ng	# 82
49) Dimethylphthalate	9.24	163	59520	14.71	ng	100
56) 2,4-Dinitrotoluene	9.51	165	6573	6.00	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	4688	5.65	ng	# 1
74) Fluoranthene	12.18	202	10177	2.16	ng	98

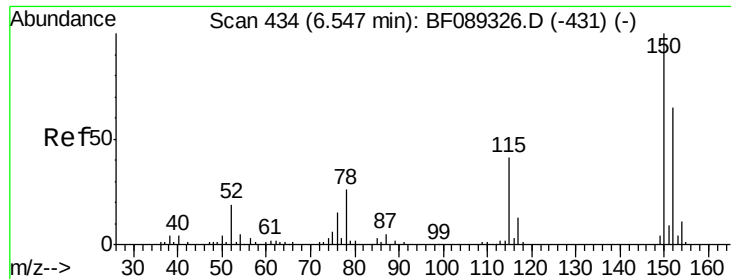
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

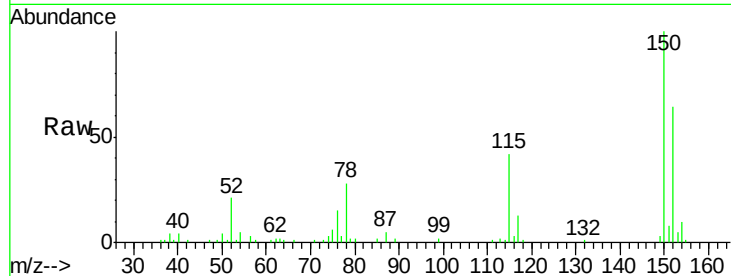
Tgt Ion:152 Resp: 35788

Ion Ratio Lower Upper

152 100

150 157.1 129.5 194.3

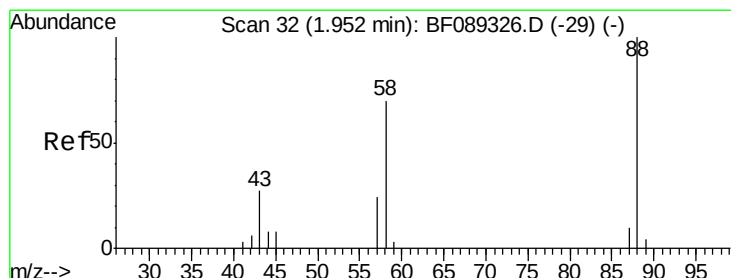
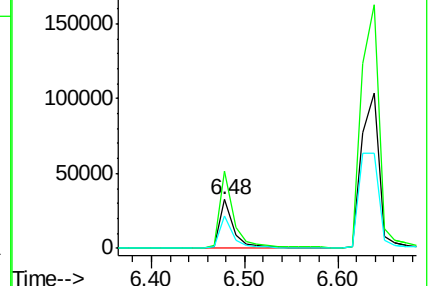
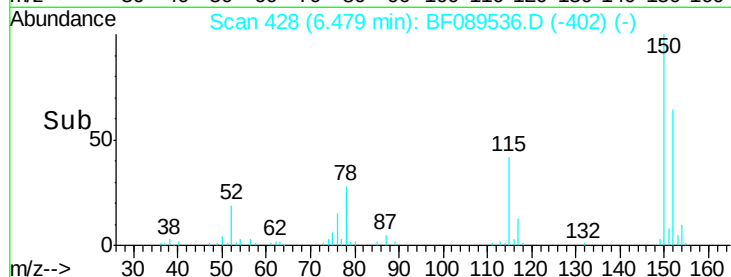
115 65.7 51.4 77.2



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



#2

1,4-Dioxane

Concen: 30.29 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.19 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

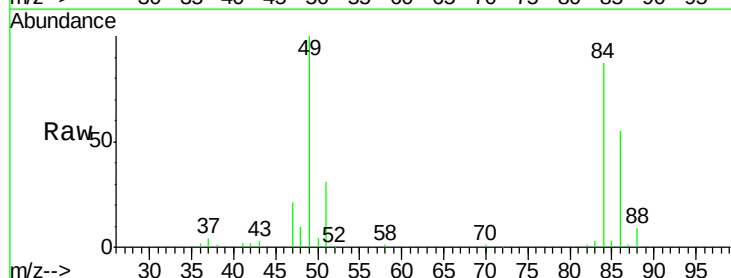
Tgt Ion: 88 Resp: 31624

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

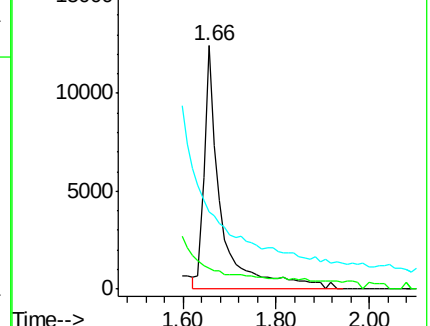
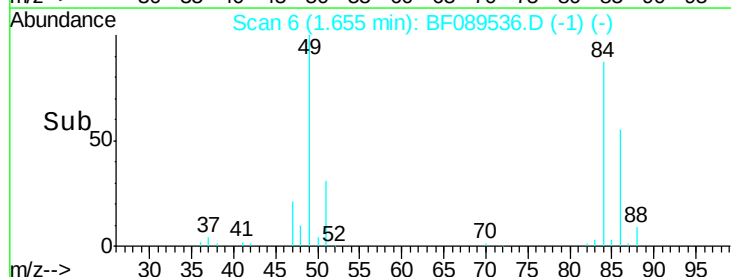
43 0.0 20.6 31.0#

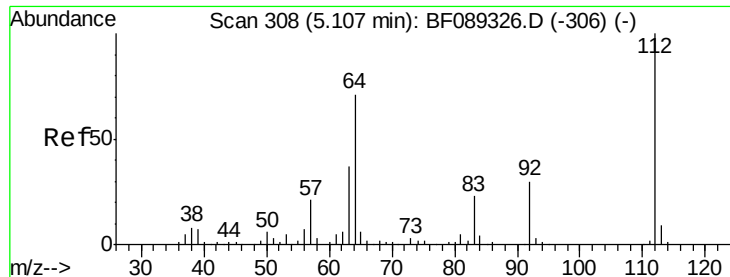


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 130.61 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

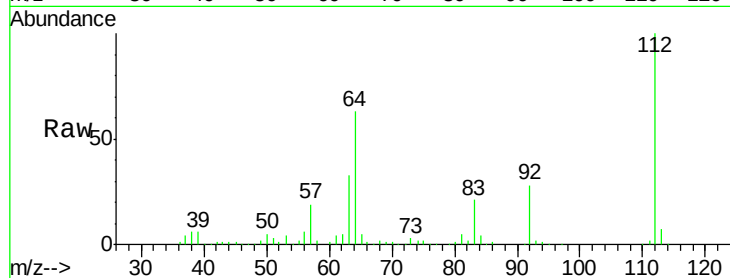
Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

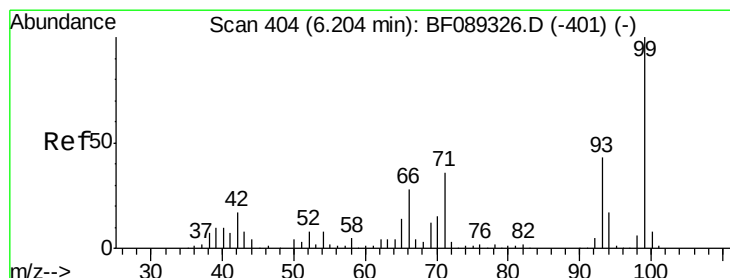
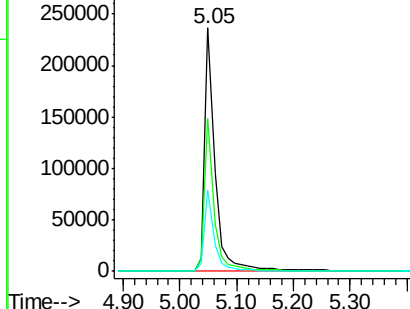
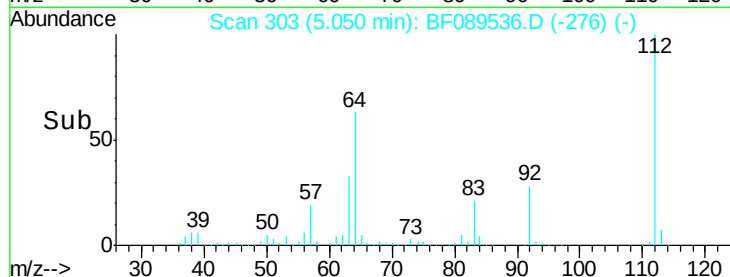
Tgt Ion:	112	Resp:	292747
Ion	Ratio	Lower	Upper
112	100		
64	62.5	55.0	82.6
63	33.1	29.4	44.2



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: 135.65 ng

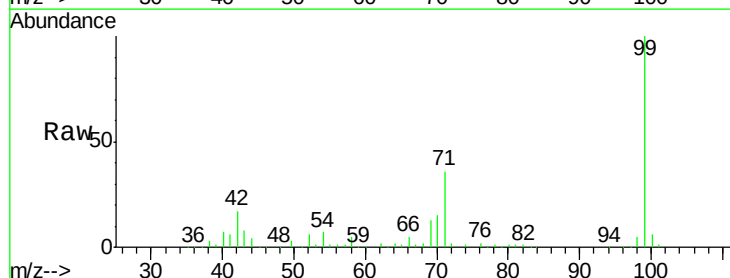
RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

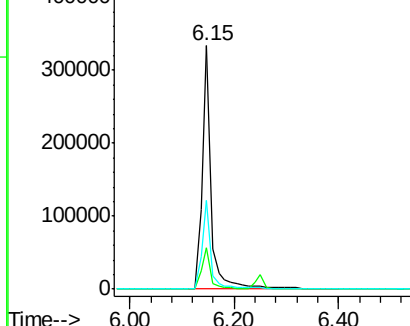
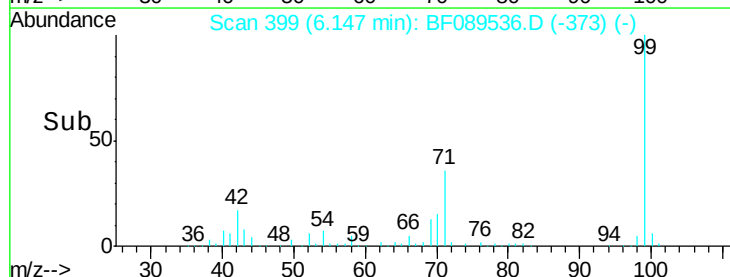
Tgt Ion:	99	Resp:	401790
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	36.5	29.4	44.2

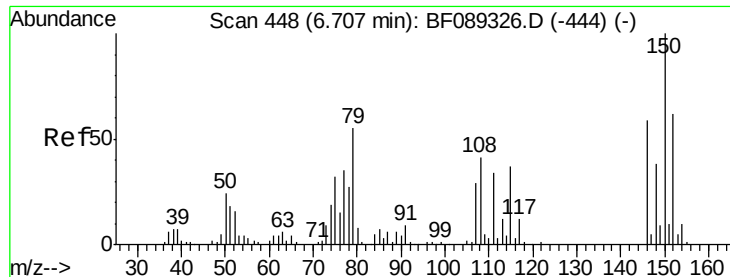


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

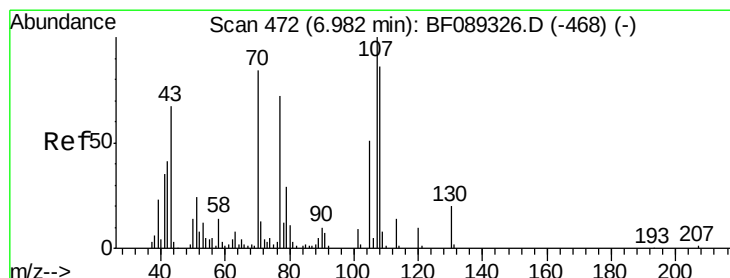
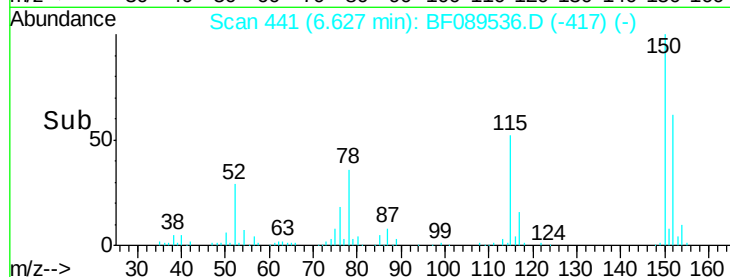
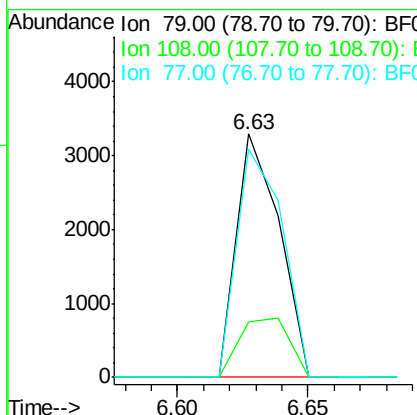
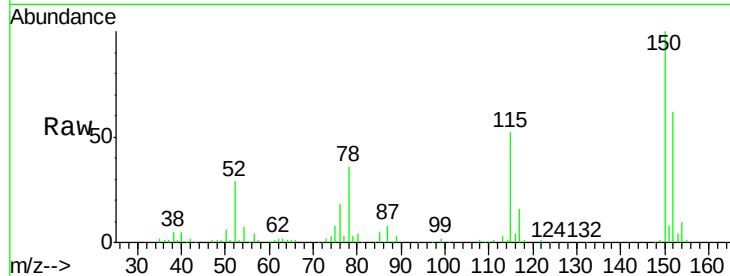




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

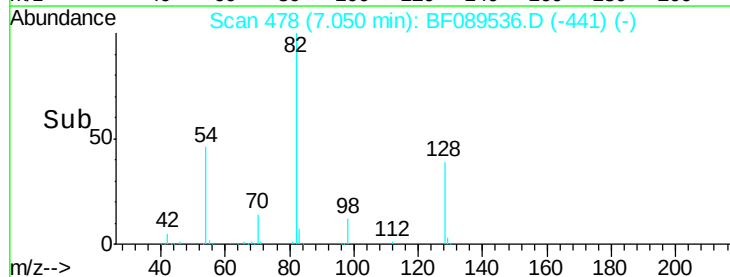
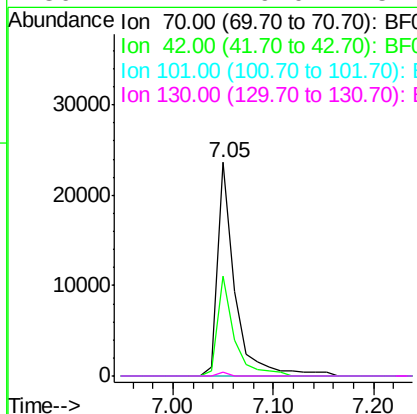
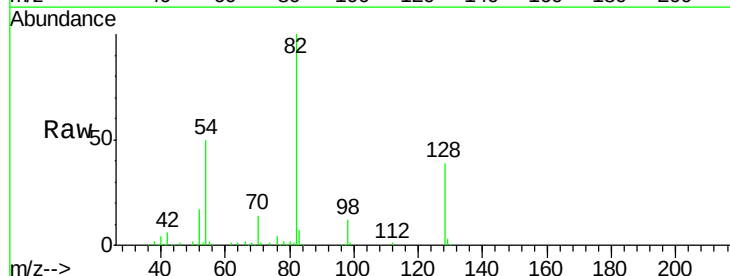
Instrument :
BNA_F
ClientSampleId :
SB-66-5.5-6.5

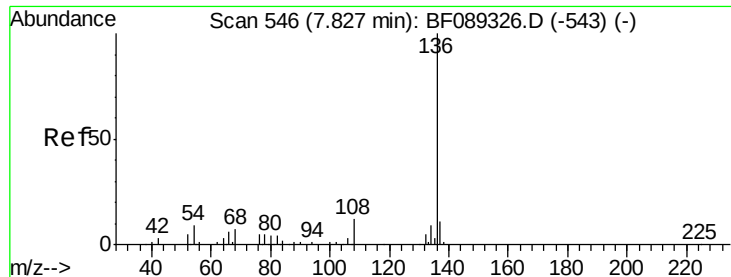
Tgt Ion: 79 Resp: 3757
Ion Ratio Lower Upper
79 100
108 22.7 59.8 89.6#
77 93.6 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.92 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.13 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

Tgt Ion: 70 Resp: 28437
Ion Ratio Lower Upper
70 100
42 46.6 38.6 57.8
101 0.0 8.3 12.5#
130 1.7 19.0 28.4#

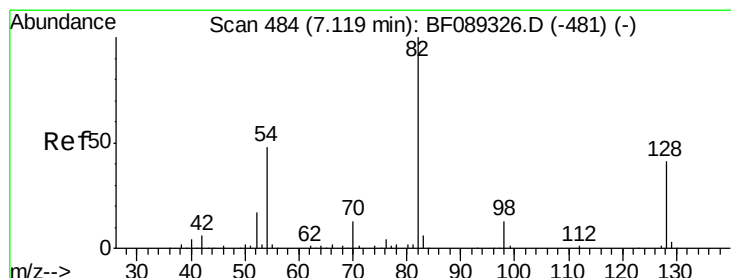
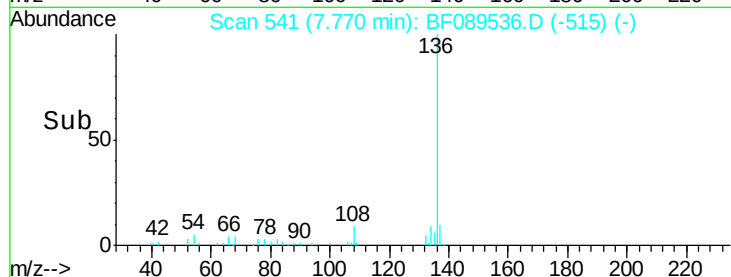
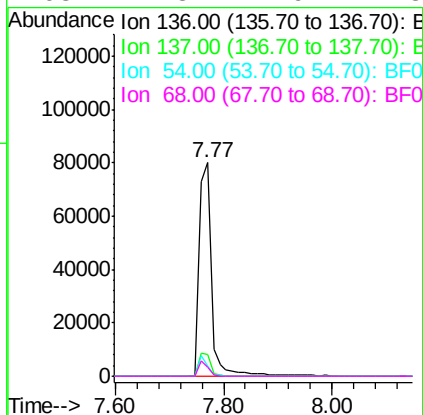
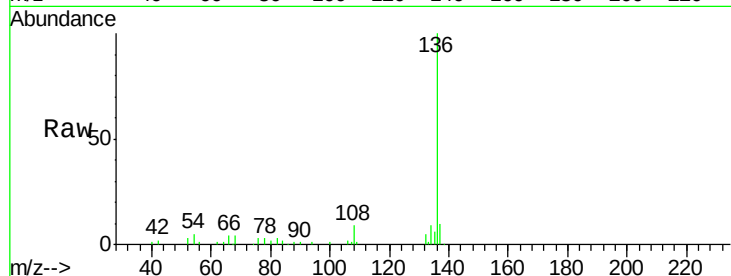




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

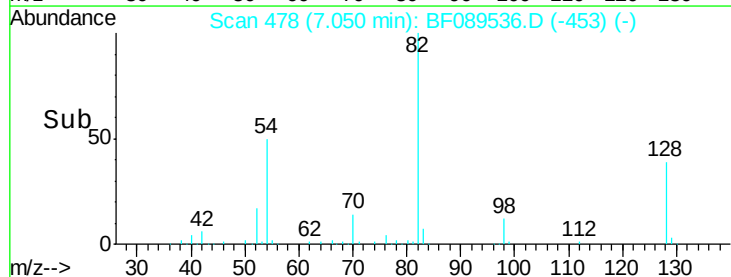
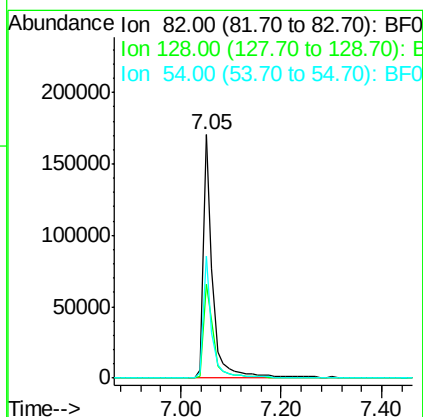
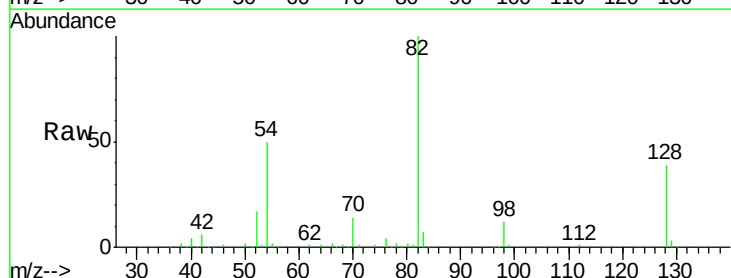
Instrument :
BNA_F
ClientSampleId :
SB-66-5.5-6.5

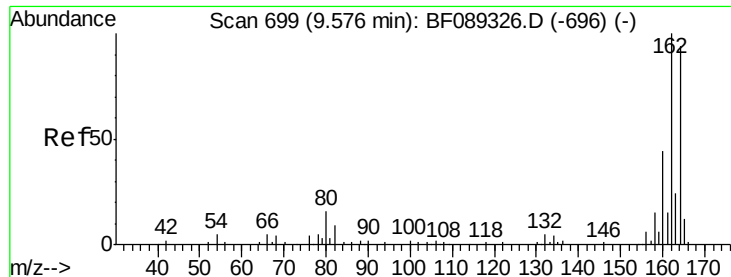
Tgt Ion:	136	Resp:	124826
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	4.9	7.0	10.4#
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 104.16 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

Tgt Ion:	82	Resp:	220277
Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	50.3	38.8	58.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

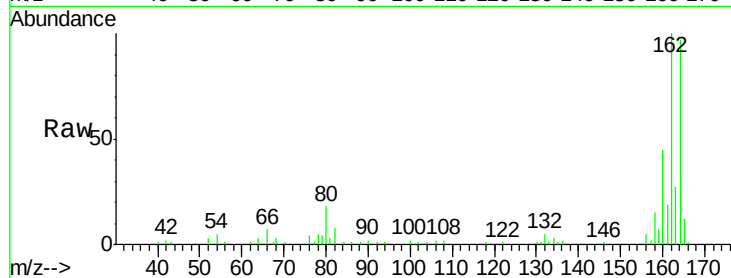
Tgt Ion:164 Resp: 53182

Ion Ratio Lower Upper

164 100

162 103.1 83.7 125.5

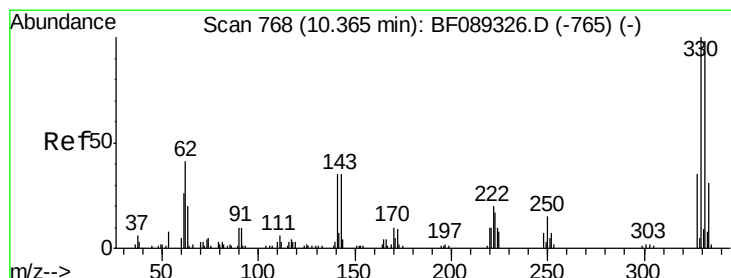
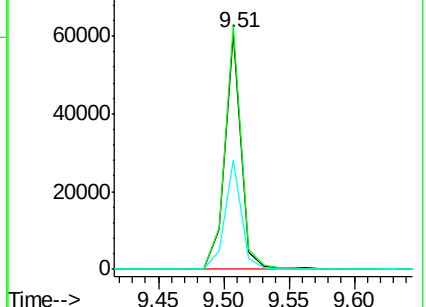
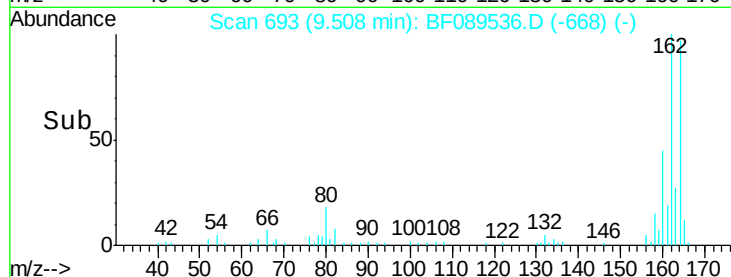
160 46.4 37.8 56.6



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: 137.28 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

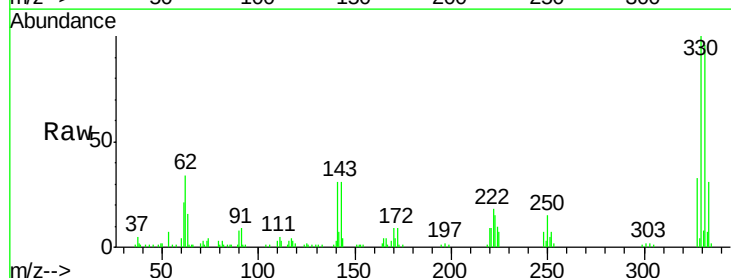
Tgt Ion:330 Resp: 60467

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

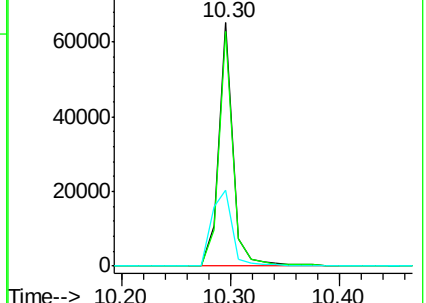
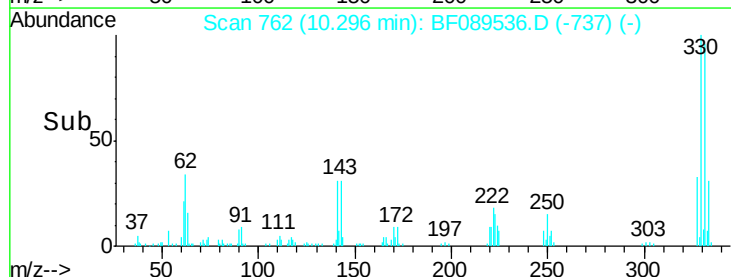
141 45.0 37.3 55.9

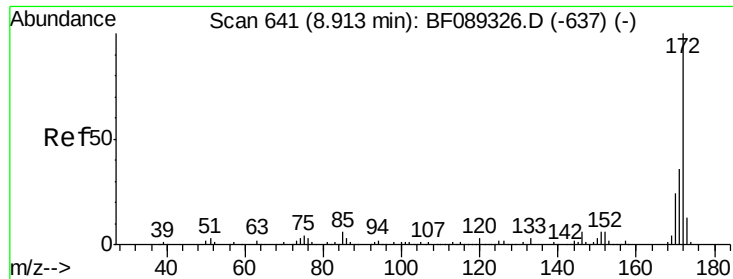


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

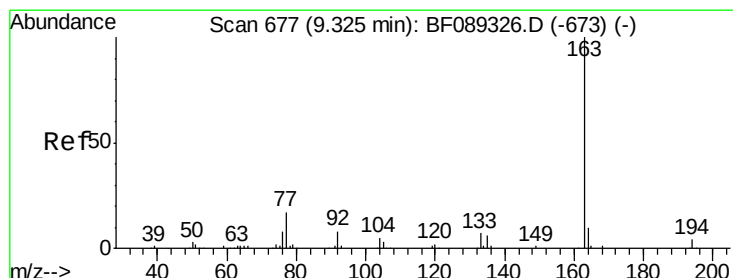
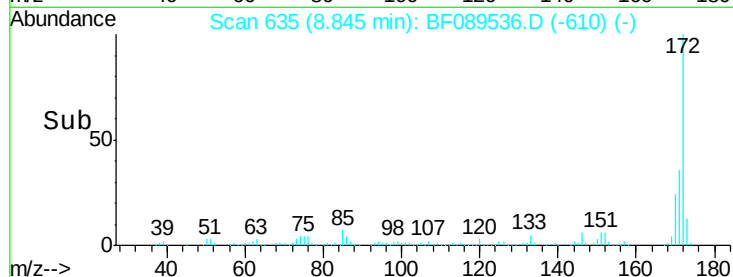
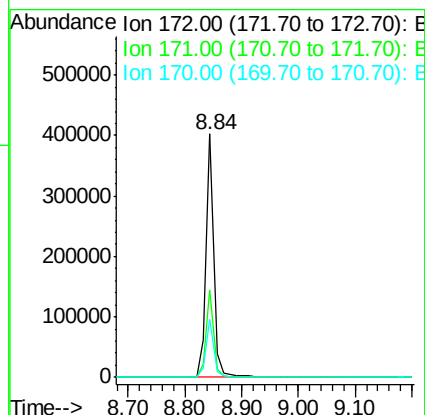
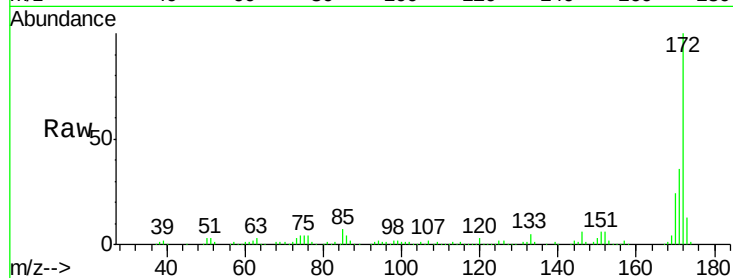




#44
 2-Fluorobiphenyl
 Concen: 101.43 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

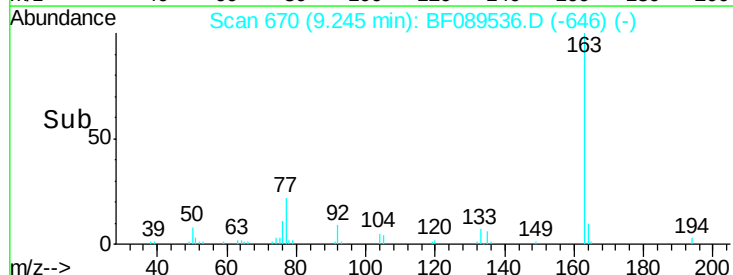
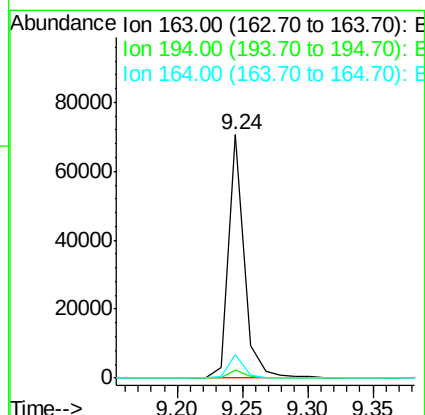
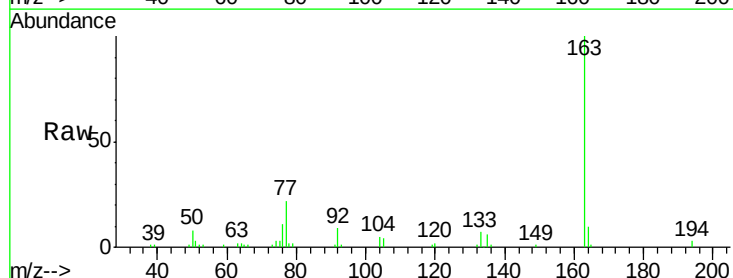
Instrument :
 BNA_F
 ClientSampled :
 SB-66-5.5-6.5

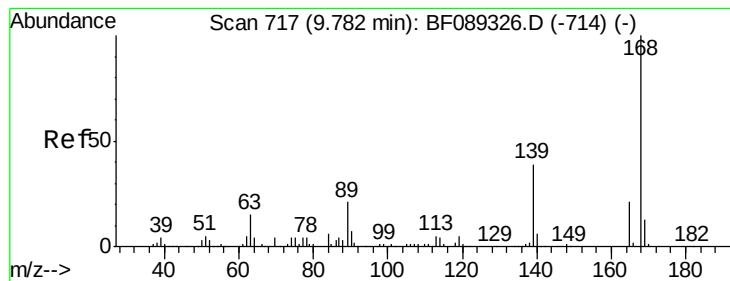
Tgt Ion:172 Resp: 367581
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.9 19.2 28.8



#49
 Dimethylphthalate
 Concen: 14.71 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion:163 Resp: 59520
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.9 7.8 11.8





#56

2,4-Dinitrotoluene

Concen: 6.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.22 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

Tgt Ion:165 Resp: 6573

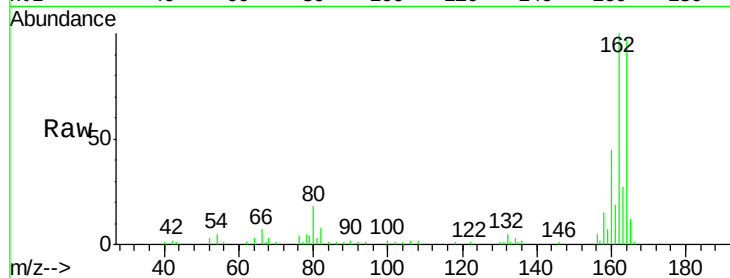
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

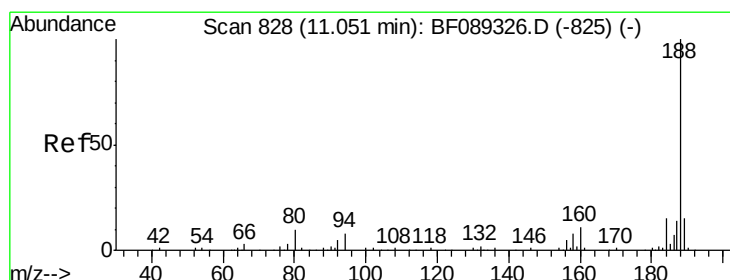
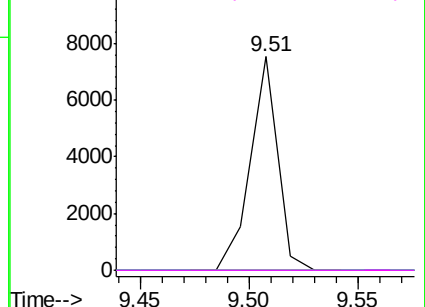
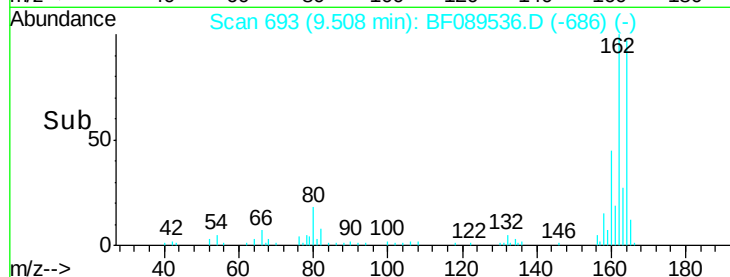


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

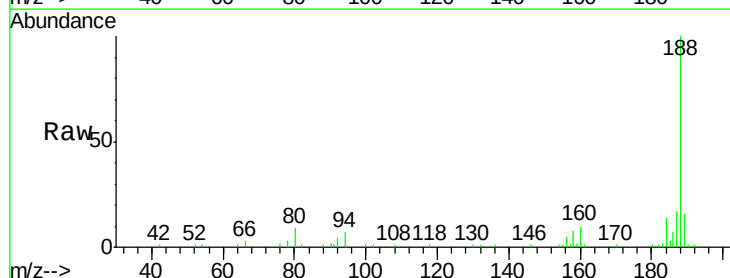
Tgt Ion:188 Resp: 86841

Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

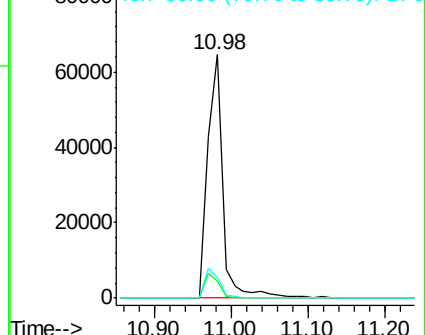
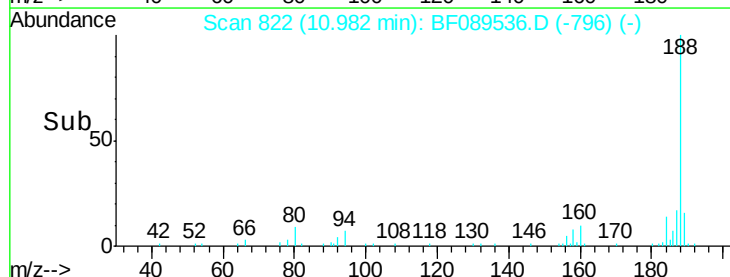
80 8.7 7.2 10.8

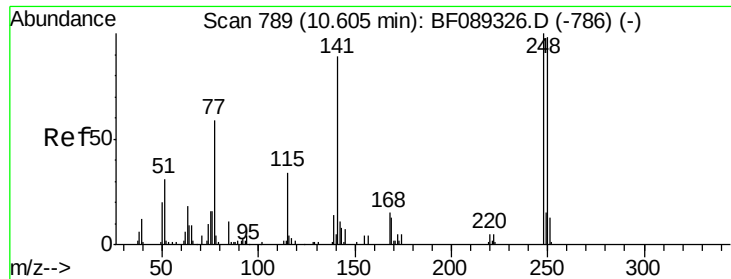


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

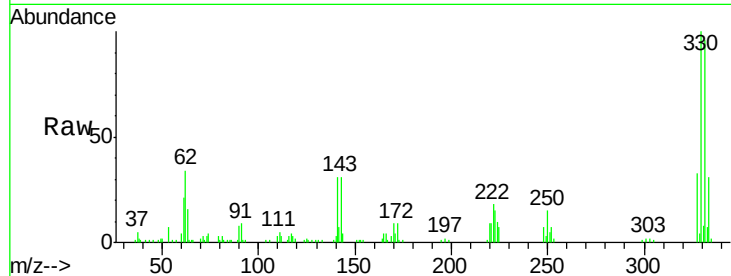




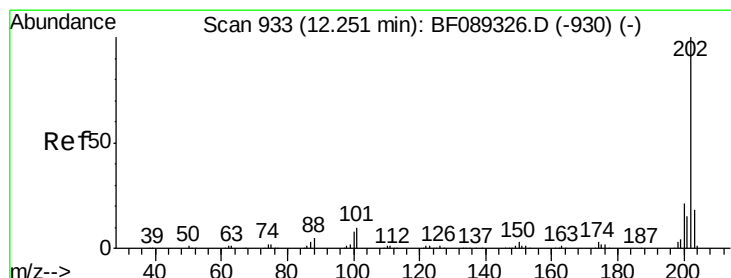
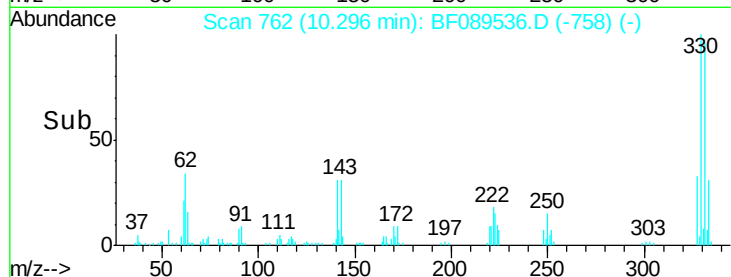
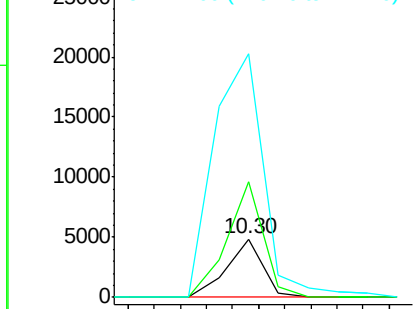
#66
 4-Bromophenyl-phenylether
 Concen: 5.65 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.25 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

Tgt Ion: 248 Resp: 4688
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.2 117.2#
 141 417.0 62.0 93.0#

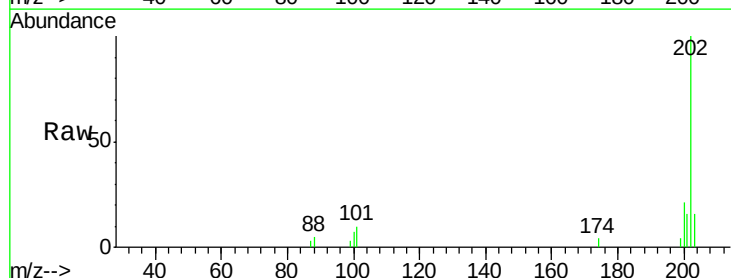


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

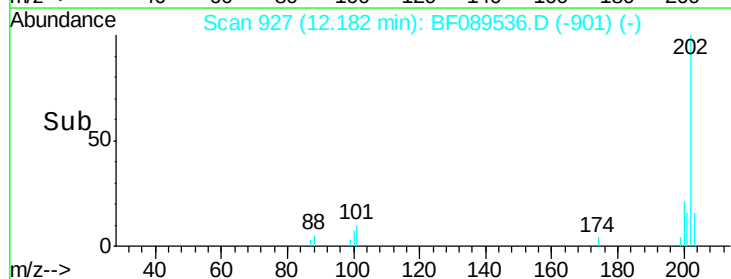
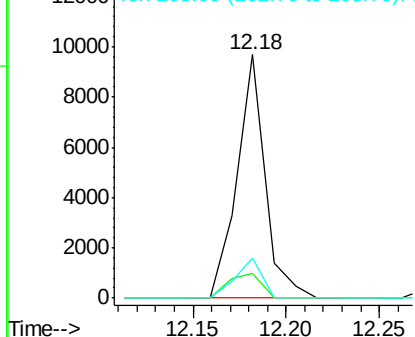


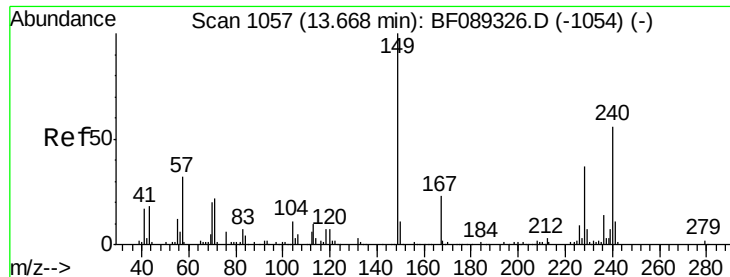
#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 12.18 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion: 202 Resp: 10177
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 29.9
 203 16.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

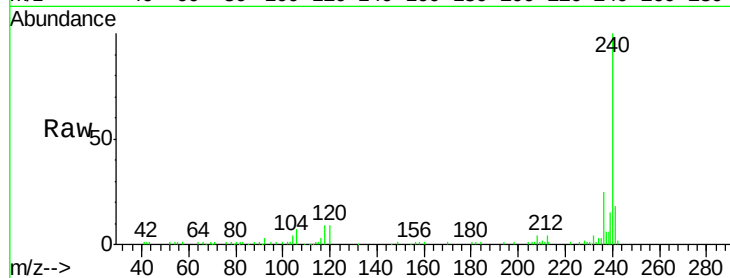
Tgt Ion:240 Resp: 90480

Ion Ratio Lower Upper

240 100

120 9.1 9.1 13.7#

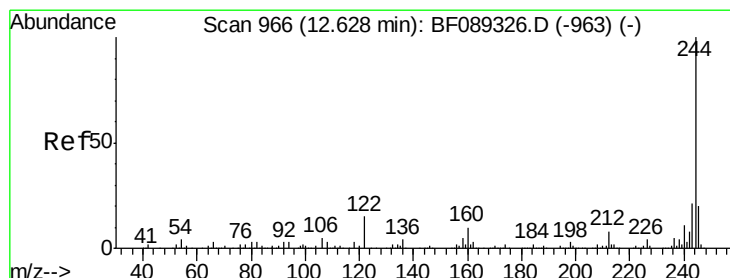
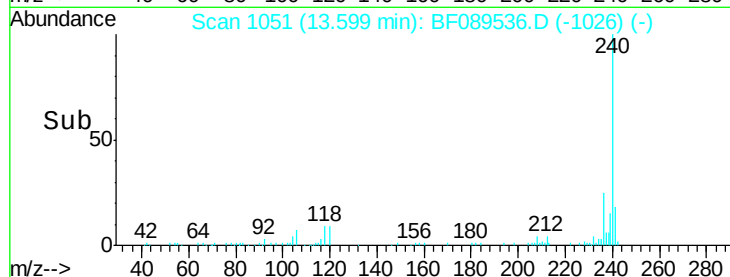
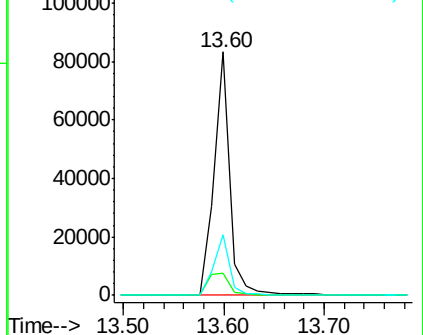
236 24.9 20.6 30.8



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: 70.33 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

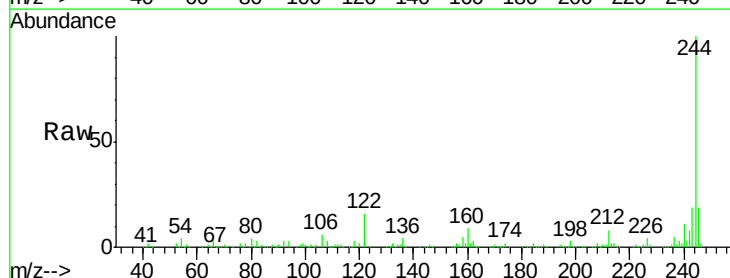
Tgt Ion:244 Resp: 271887

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

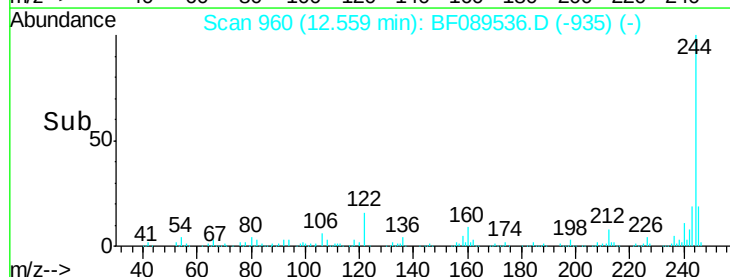
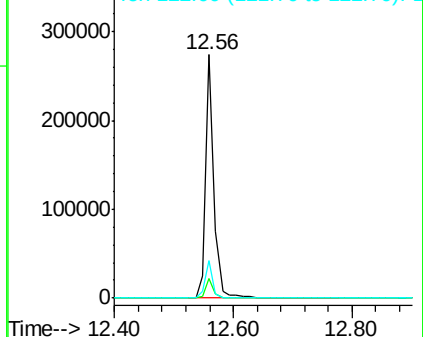
122 15.6 11.4 17.0

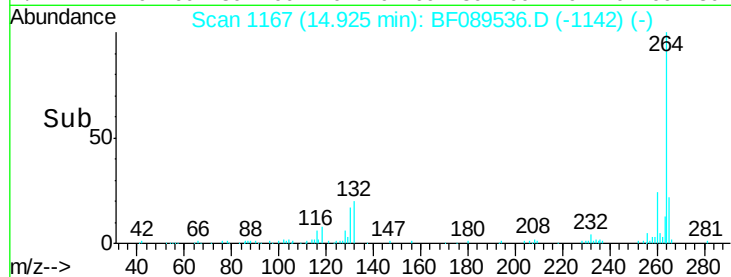
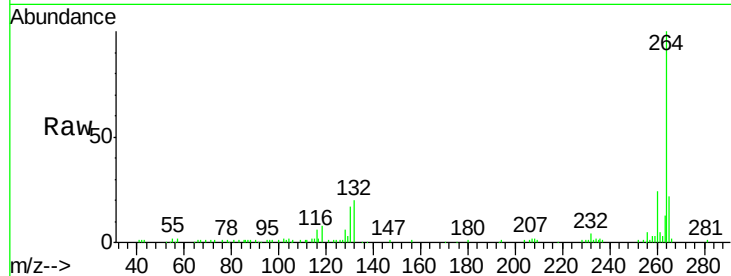
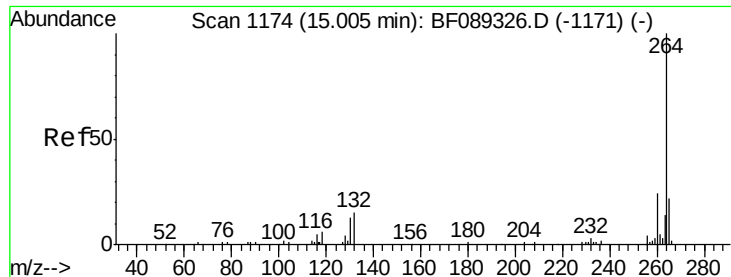


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.93 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

Tgt Ion: 264 Resp: 81822

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.8 17.5 26.3

