

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089181.D
 Acq On : 21 Jul 2016 15:42
 Operator : UM/SJ
 Sample : H4121-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 16:09:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

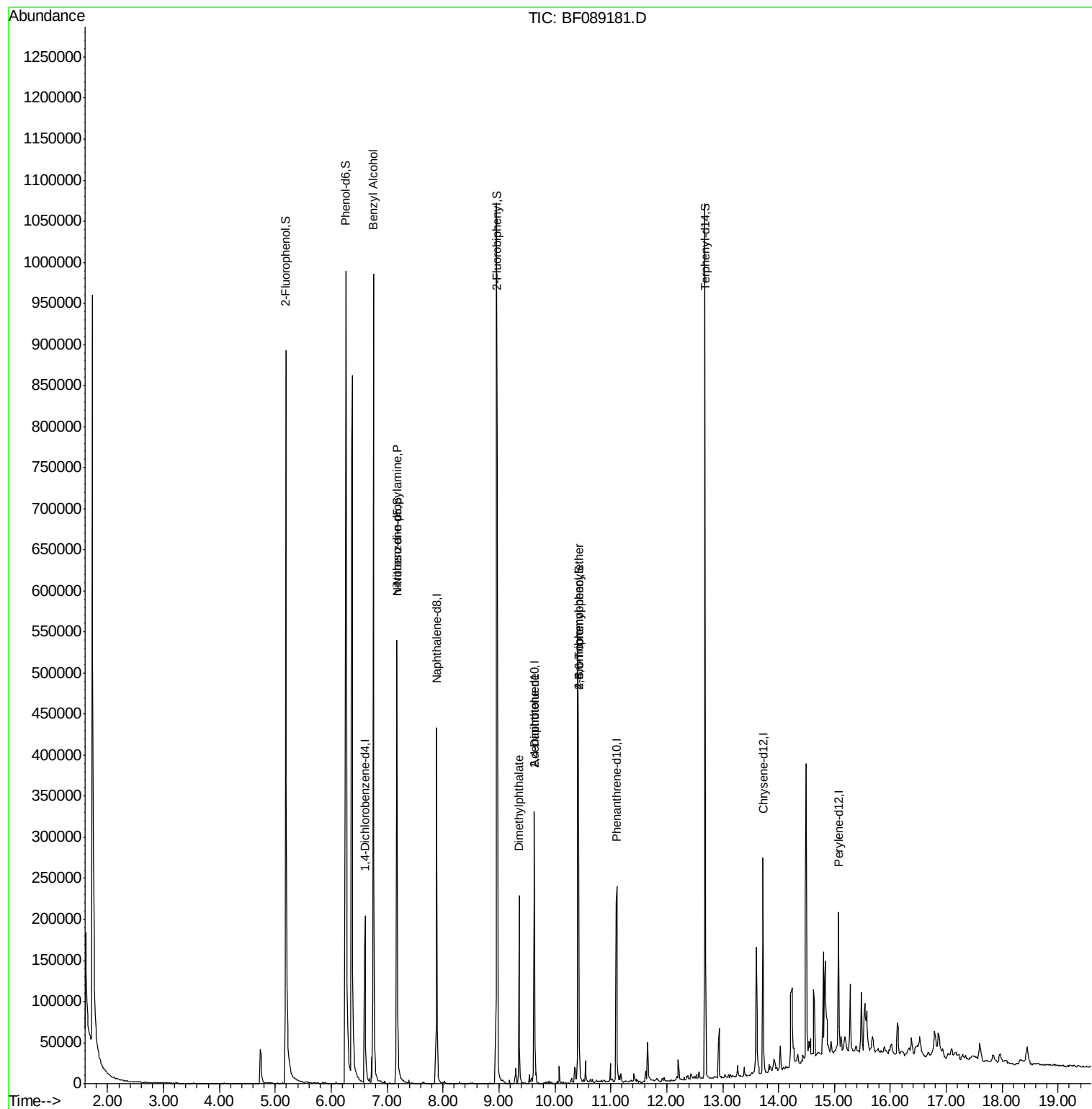
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51721	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	217587	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	84987	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	139324	20.00	ng	0.00
75) Chrysene-d12	13.73	240	104755	20.00	ng	0.00
86) Perylene-d12	15.07	264	86275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	346384	101.86	ng	0.00
7) Phenol-d6	6.26	99	480031	109.46	ng	-0.01
23) Nitrobenzene-d5	7.18	82	299322	73.09	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	69205	90.44	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	493238	79.96	ng	-0.01
78) Terphenyl-d14	12.69	244	311802	64.56	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.75	79	6849	2.13	ng	# 51
19) n-Nitroso-di-n-propylamine	7.18	70	39564	13.79	ng	# 76
49) Dimethylphthalate	9.36	163	92829	14.23	ng	98
56) 2,4-Dinitrotoluene	9.63	165	10533	5.55	ng	# 10
66) 4-Bromophenyl-phenylether	10.42	248	5003	3.63	ng	# 1

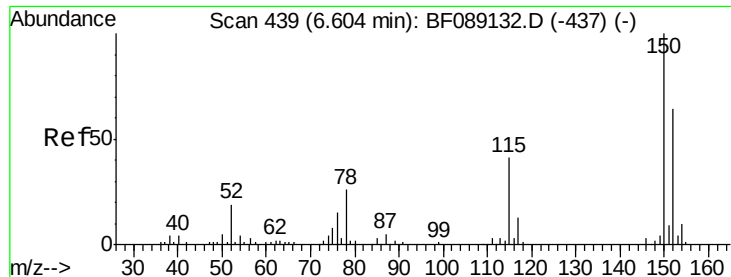
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :

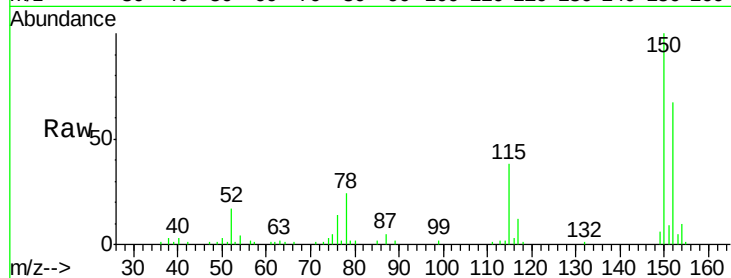
Tot Ion:152 Resp: 51721

Ion Ratio Lower Upper

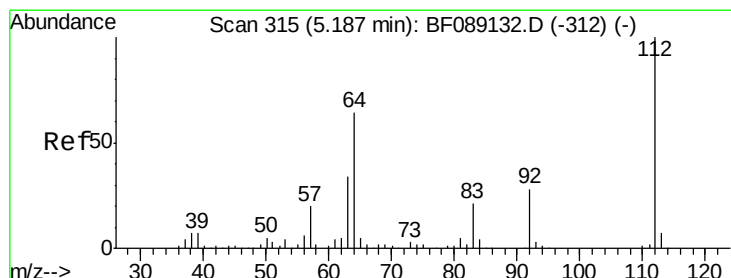
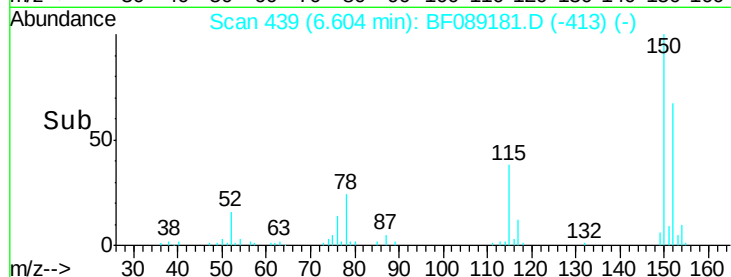
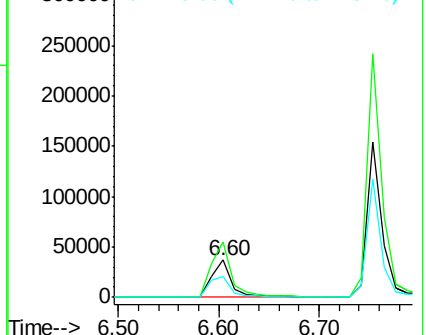
152 100

150 150.2 125.1 187.7

115 57.7 51.1 76.7



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: 101.86 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

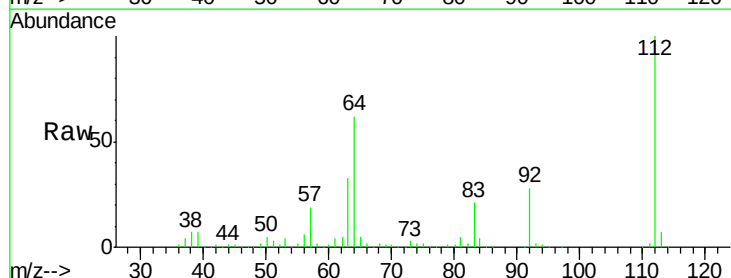
Tgt Ion:112 Resp: 346384

Ion Ratio Lower Upper

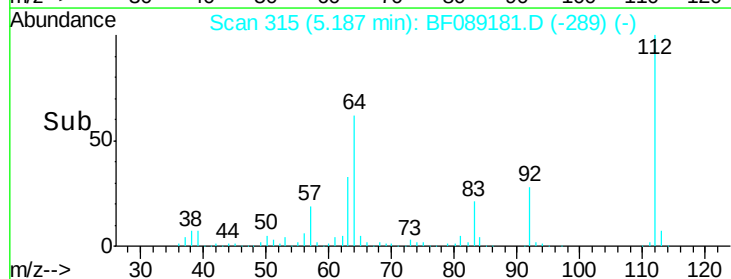
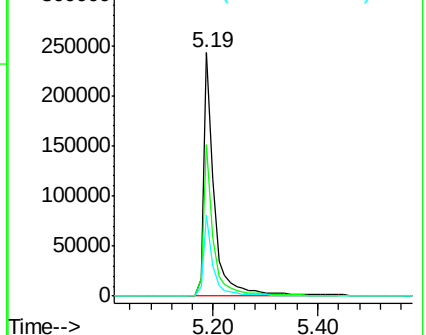
112 100

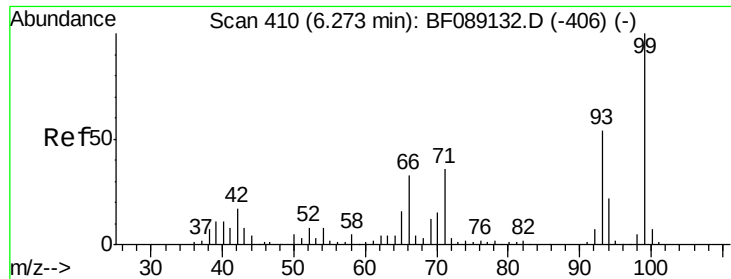
64 62.0 51.0 76.4

63 33.4 27.3 40.9



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: 109.46 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampled :

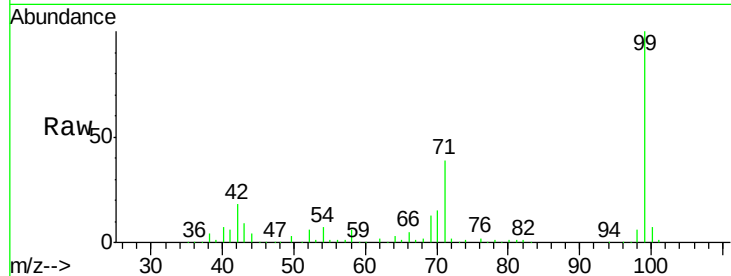
Tot Ion: 99 Resp: 480031

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

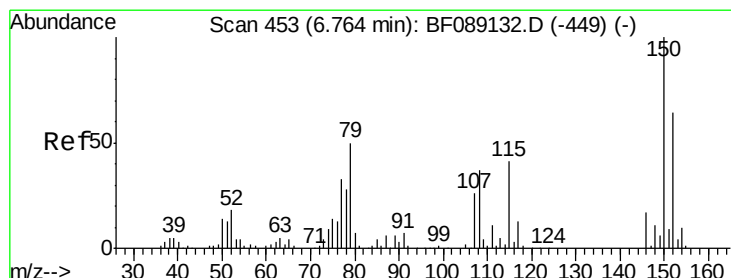
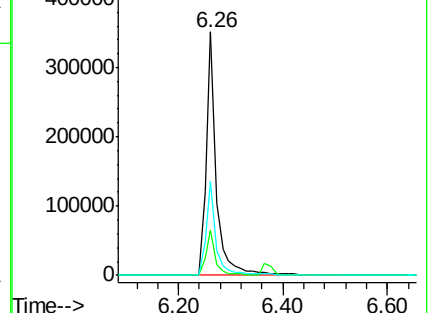
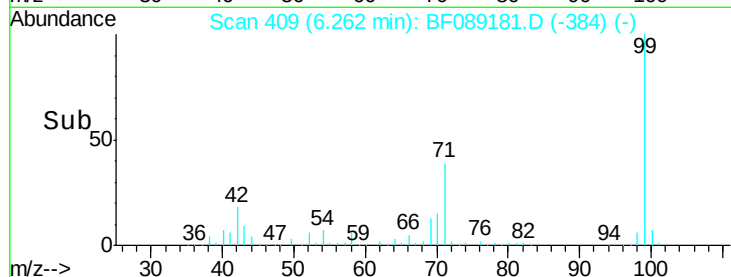
71 38.5 28.9 43.3



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: 2.13 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

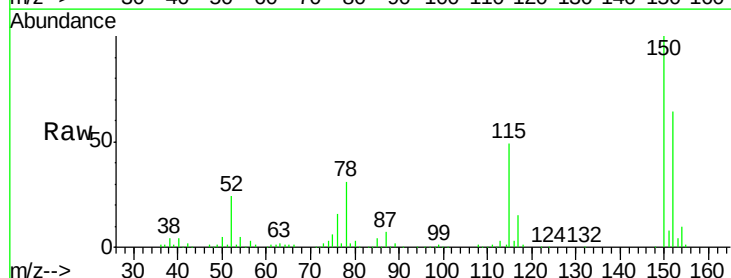
Tgt Ion: 79 Resp: 6849

Ion Ratio Lower Upper

79 100

108 26.4 58.2 87.4#

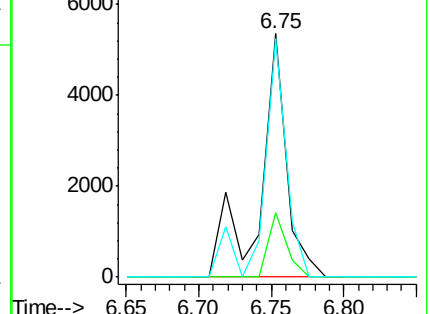
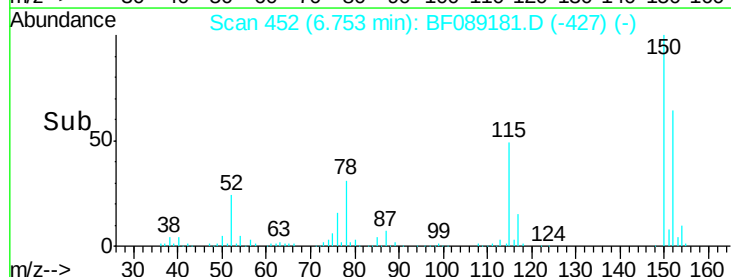
77 97.9 52.2 78.4#

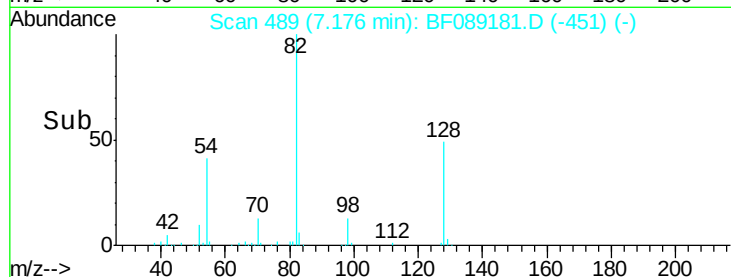
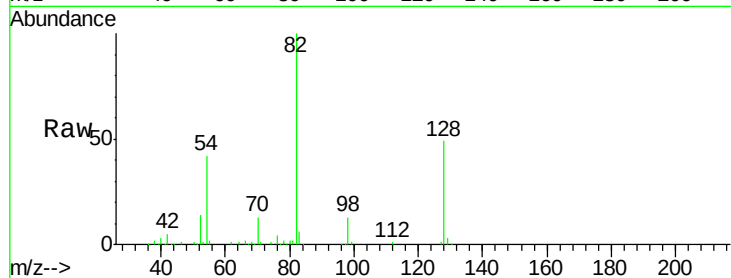
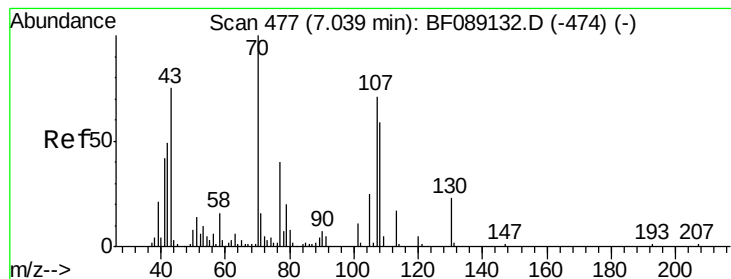


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.79 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 39564

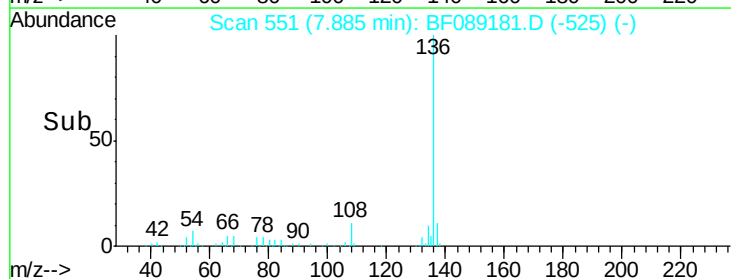
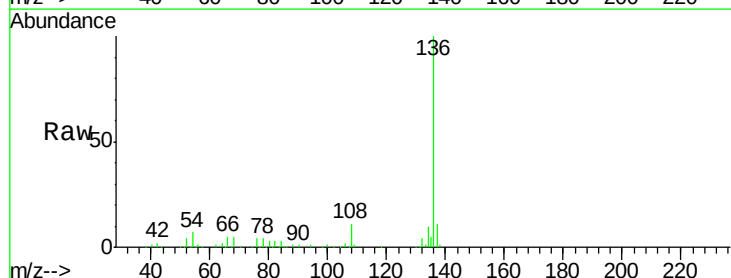
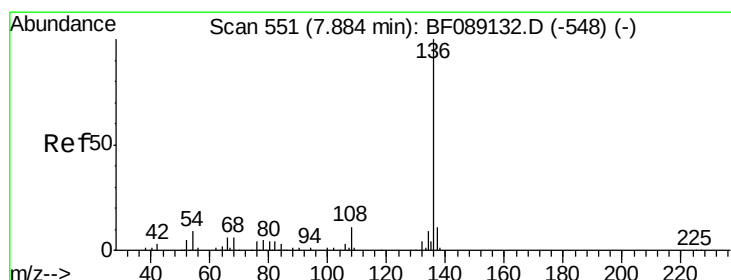
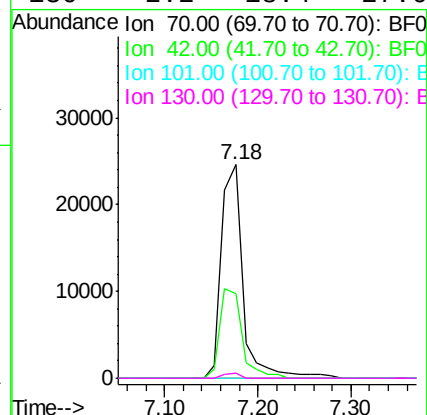
Ion Ratio Lower Upper

70 100

42 39.6 39.2 58.8

101 0.0 8.5 12.7#

130 2.2 18.4 27.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Tgt Ion:136 Resp: 217587

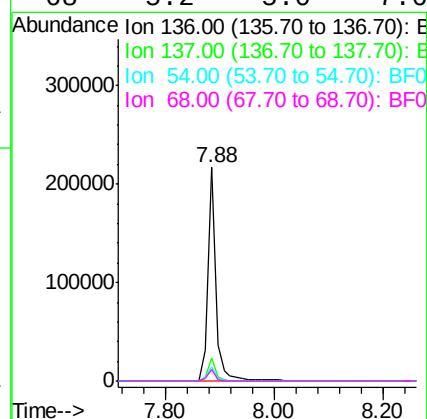
Ion Ratio Lower Upper

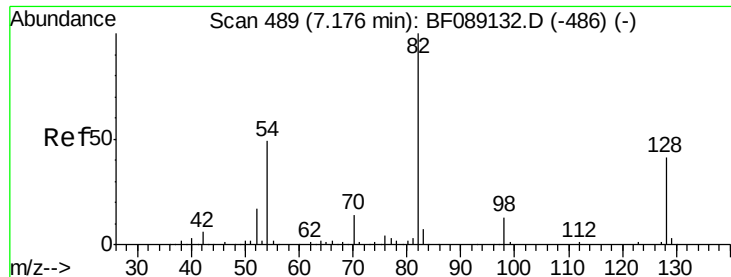
136 100

137 10.9 8.8 13.2

54 6.9 7.0 10.4#

68 5.2 5.0 7.6

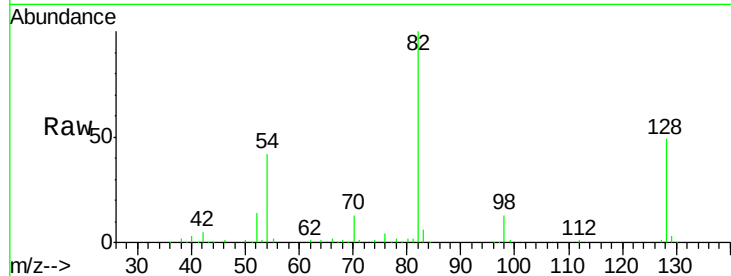




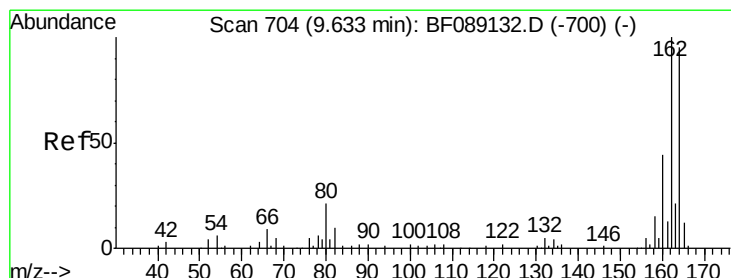
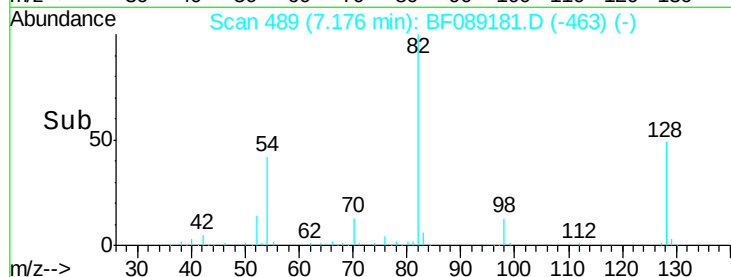
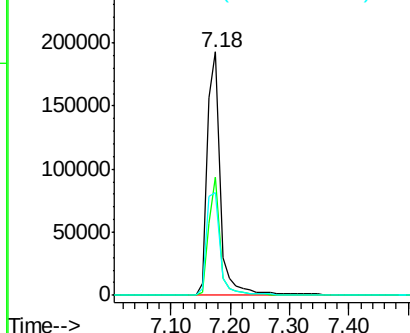
#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	299322
Ion Ratio	100	Lower	Upper
128	48.8	33.0	49.6
54	42.2	39.0	58.4

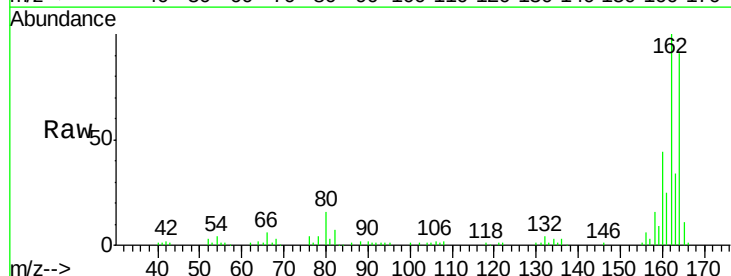


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

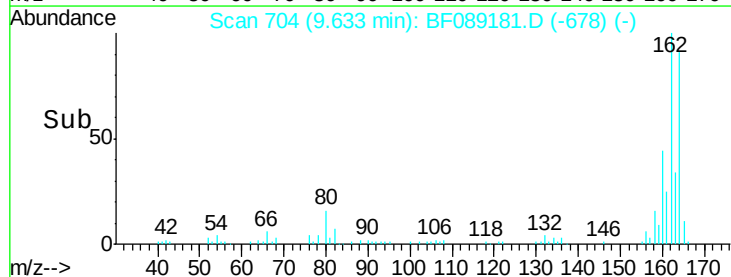
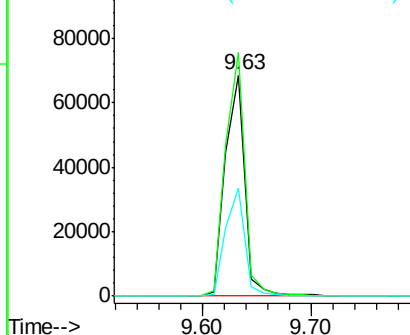


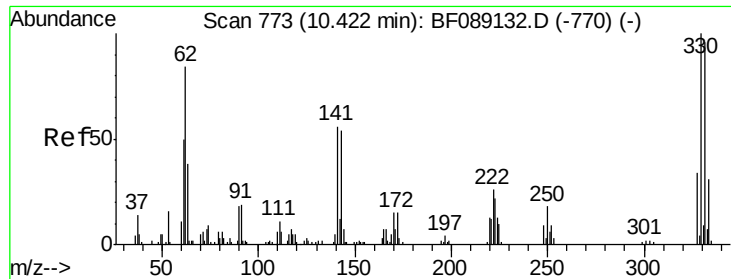
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Tgt Ion	164	Resp	84987
Ion Ratio	100	Lower	Upper
162	110.2	84.1	126.1
160	48.8	37.1	55.7



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

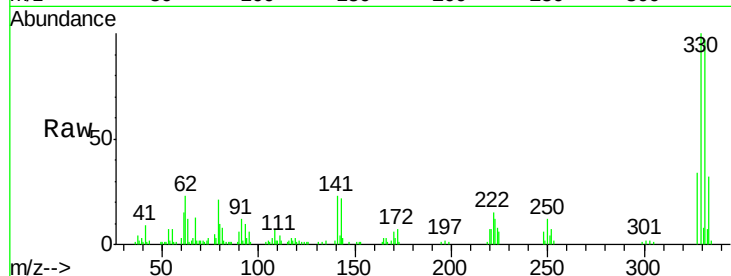




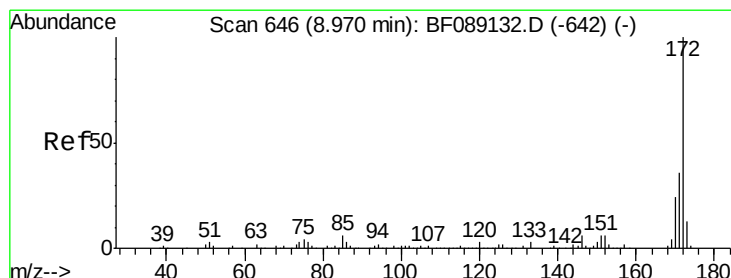
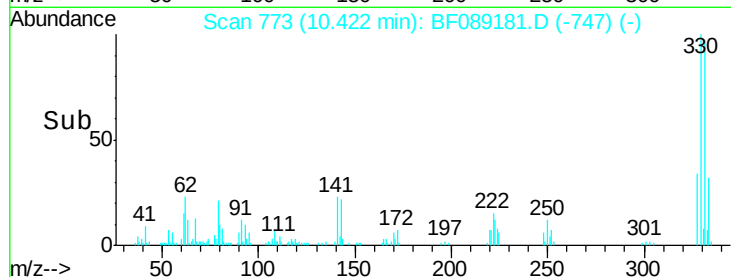
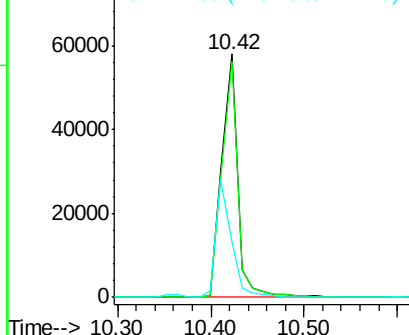
#41
 2,4,6-Tribromophenol
 Concen: 90.44 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	46.3	42.2	63.2

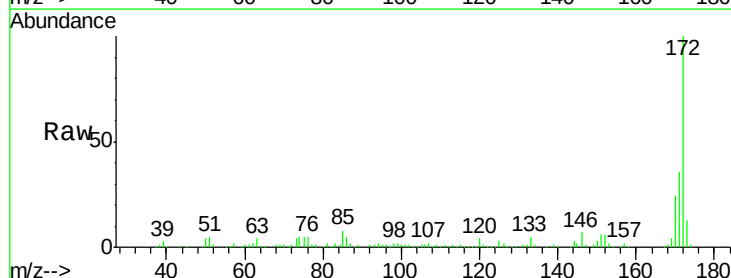


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

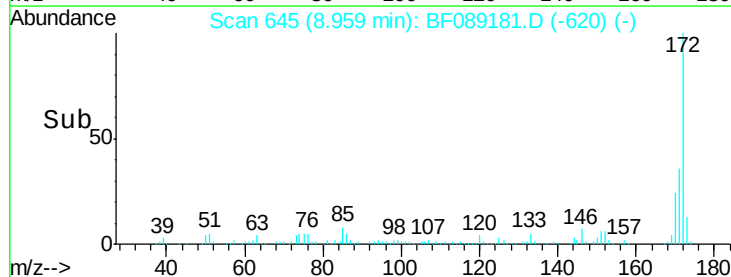
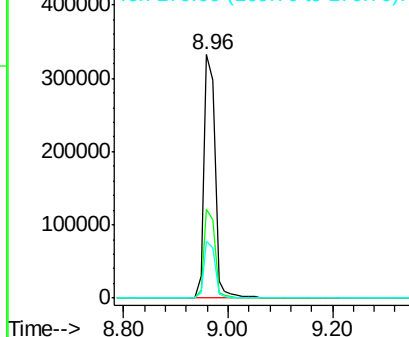


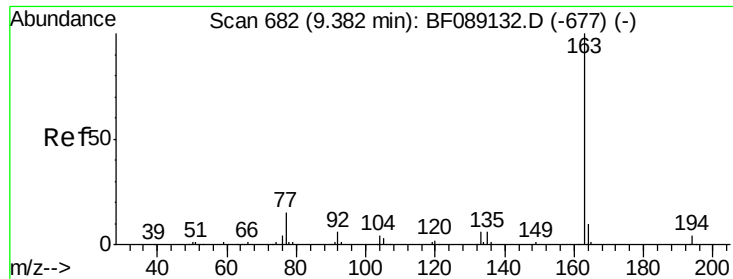
#44
 2-Fluorobiphenyl
 Concen: 79.96 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.5	19.1	28.7



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

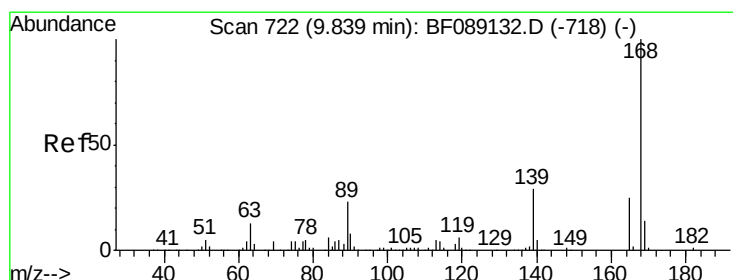
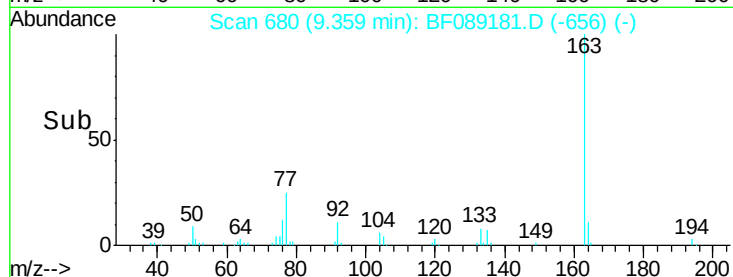
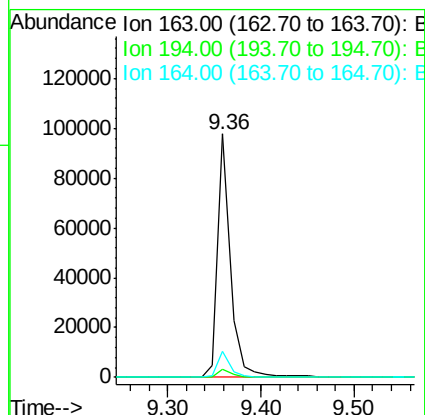
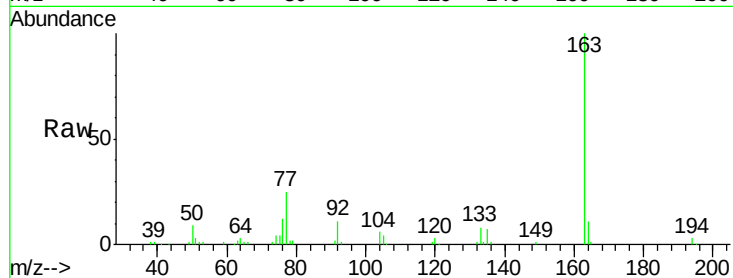




#49
Dimethylphthalate
Concen: 14.23 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

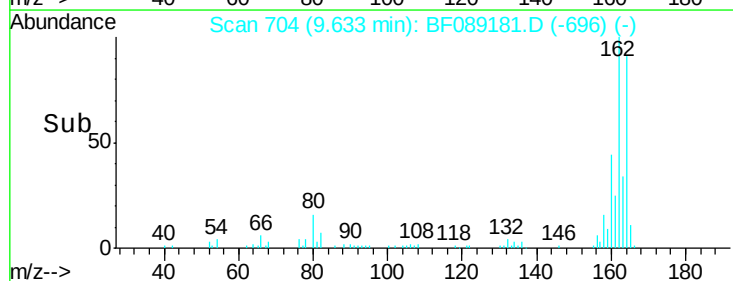
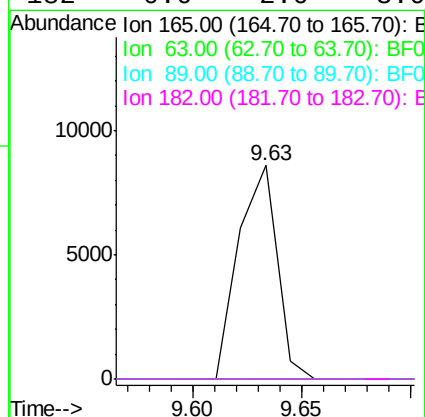
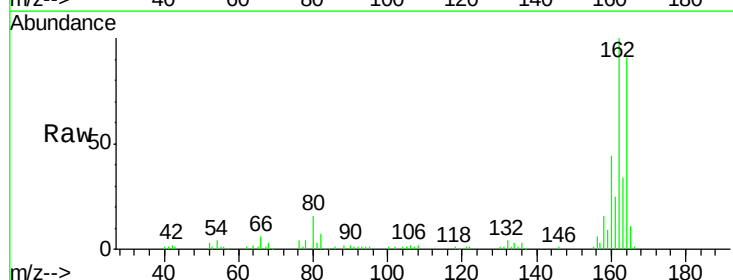
Instrument :
BNA_F
ClientSampleId :

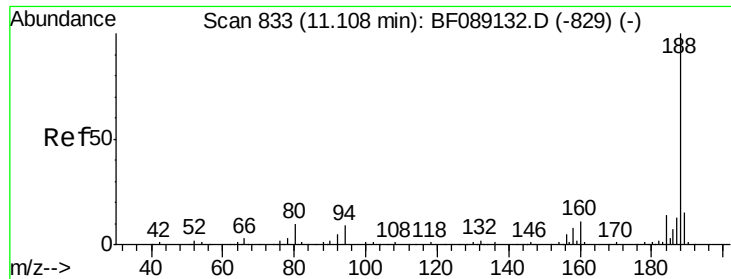
Tot Ion:163 Resp: 92829
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.5 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.21 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Tgt Ion:165 Resp: 10533
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

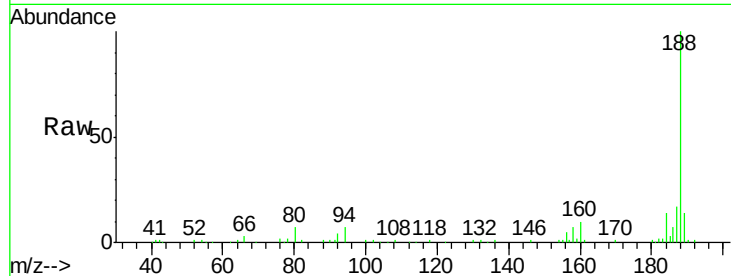




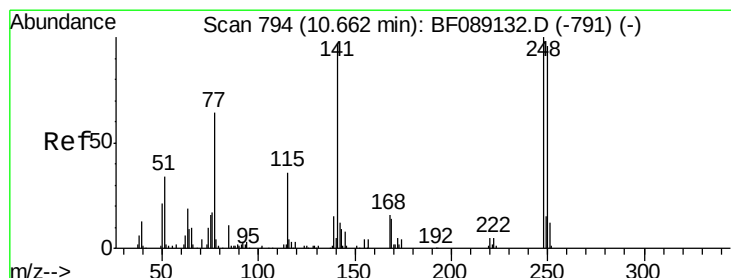
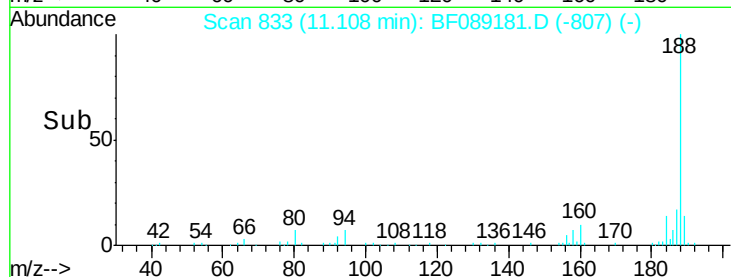
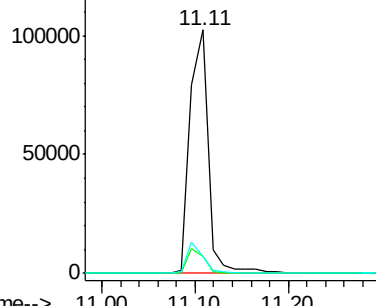
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 139324
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.2 7.7 11.5#

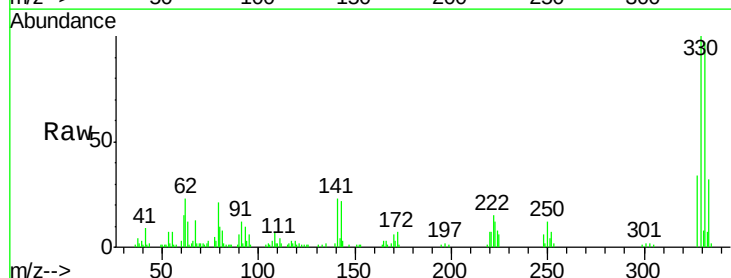


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

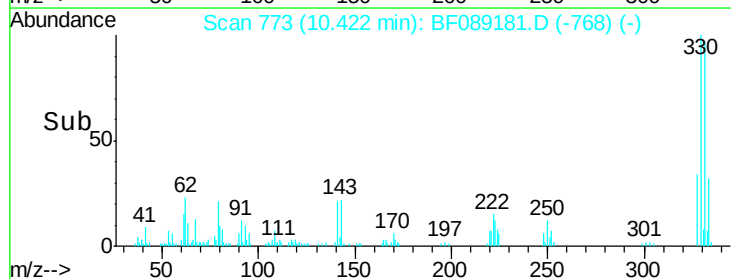
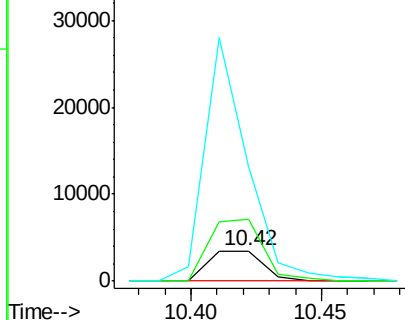


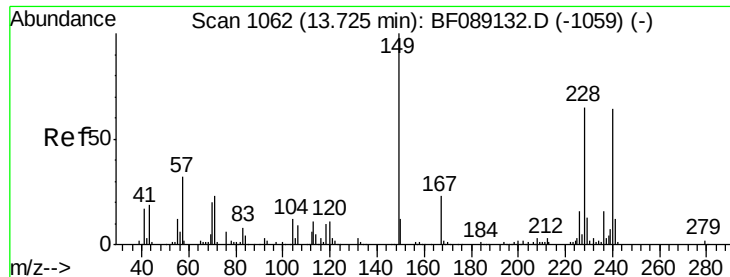
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Tgt Ion:248 Resp: 5003
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 376.4 77.4 116.2#



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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

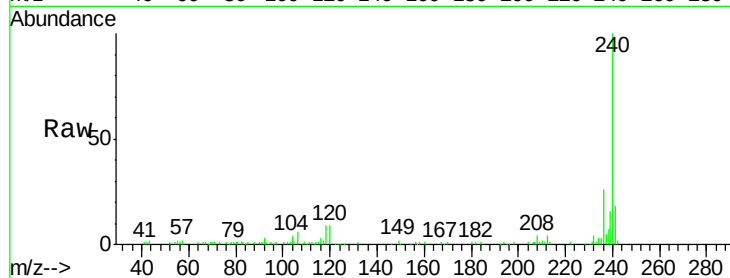
Tot Ion:240 Resp: 104755

Ion Ratio Lower Upper

240 100

120 9.0 13.6 20.4#

236 26.1 20.5 30.7



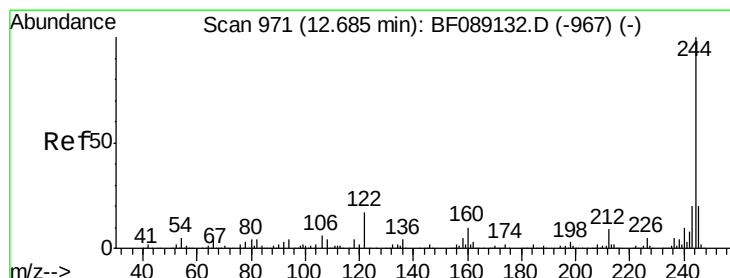
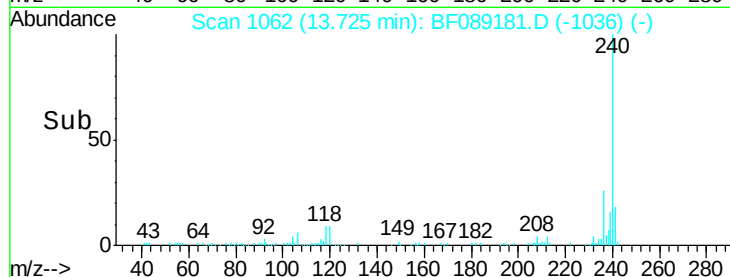
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.73

Time-->



#78

Terphenyl-d14

Concen: 64.56 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

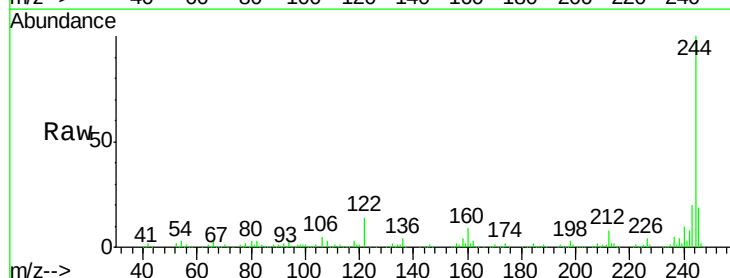
Tgt Ion:244 Resp: 311802

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

122 13.6 13.8 20.8#



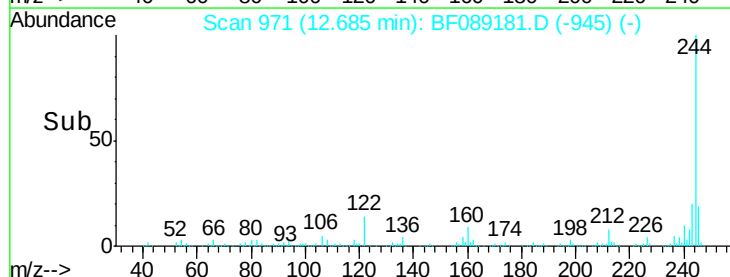
Abundance Ion 244.00 (243.70 to 244.70): E

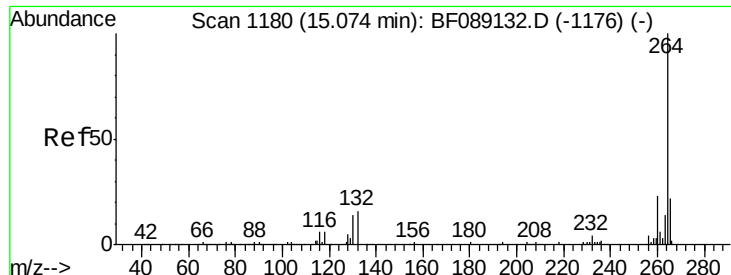
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.69

Time-->

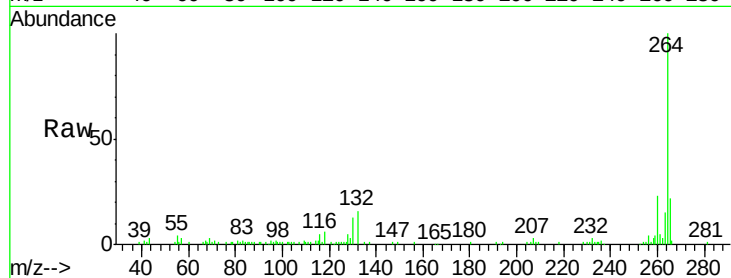




#86
Pervlène-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.0	17.3	25.9



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

