

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085907.D
 Acq On : 31 Mar 2016 3:00
 Operator : UM/SJ
 Sample : H2049-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDE-WALL-8BGL

Quant Time: Mar 31 03:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

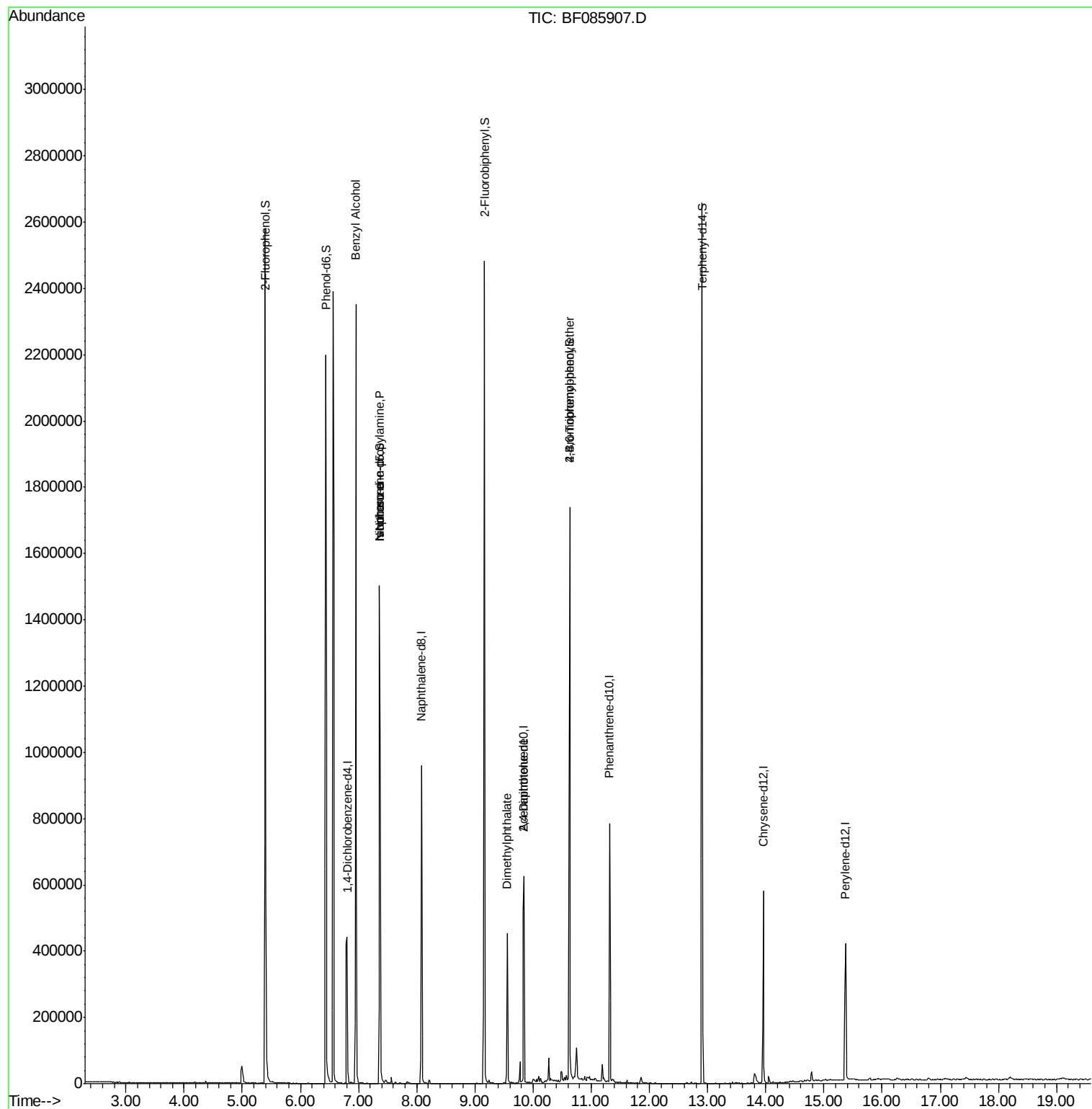
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103598	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	415887	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	173092	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	291620	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	203125	20.00	ng	-0.01
86) Perylene-d12	15.37	264	202532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	847420	136.23	ng	0.00
7) Phenol-d6	6.44	99	1119086	141.50	ng	-0.01
23) Nitrobenzene-d5	7.36	82	701260	94.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	263711	160.35	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1182557	114.15	ng	0.00
78) Terphenyl-d14	12.91	244	792235	80.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.95	79	10654	2.02	ng	# 48
19) n-Nitroso-di-n-propylamine	7.36	70	89466	18.89	ng	# 79
25) Isophorone	7.36	82	646350	45.43	ng	# 68
49) Dimethylphthalate	9.56	163	166137	12.65	ng	99
56) 2,4-Dinitrotoluene	9.84	165	21957	6.11	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	17072	5.72	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: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085907.D

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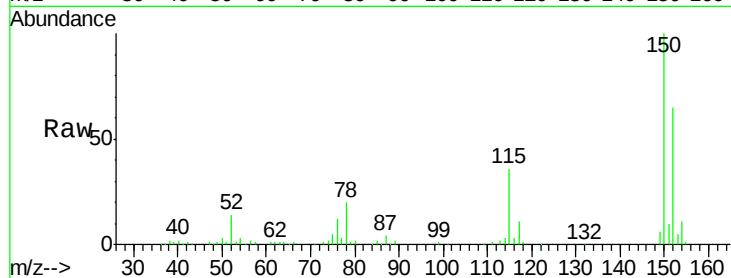
Tgt Ion:152 Resp: 103598

Ion Ratio Lower Upper

152 100

150 153.4 124.2 186.2

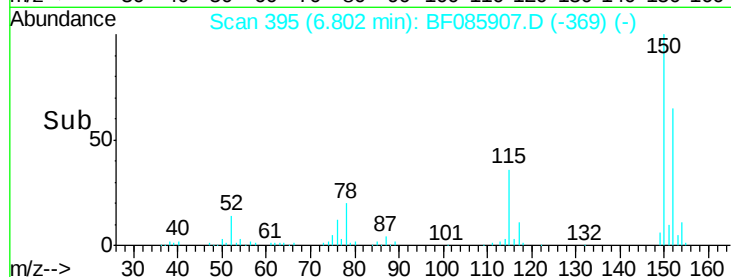
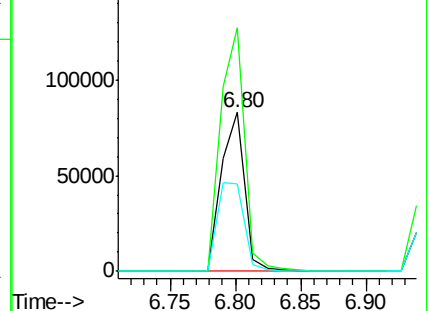
115 54.7 47.0 70.6



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: 136.23 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085907.D

Acq: 31 Mar 2016 3:00

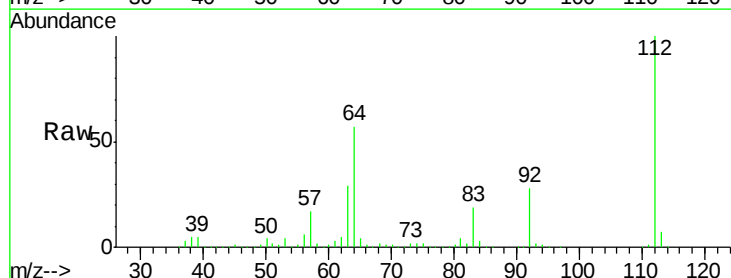
Tgt Ion:112 Resp: 847420

Ion Ratio Lower Upper

112 100

64 56.9 39.9 59.9

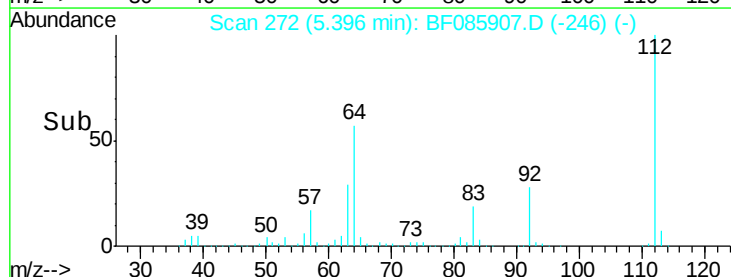
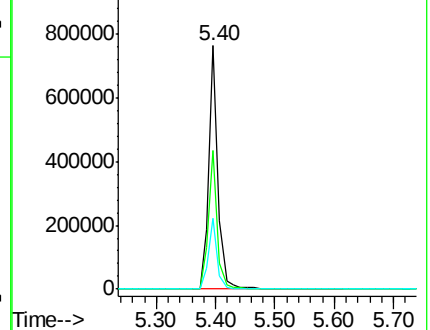
63 29.2 20.2 30.2

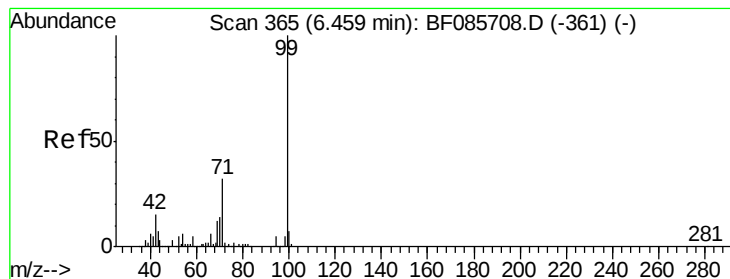


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.50 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085907.D

Acq: 31 Mar 2016 3:00

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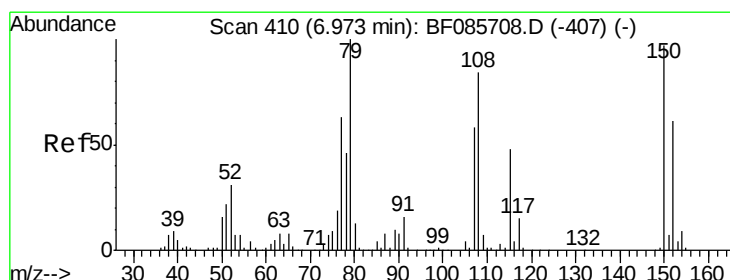
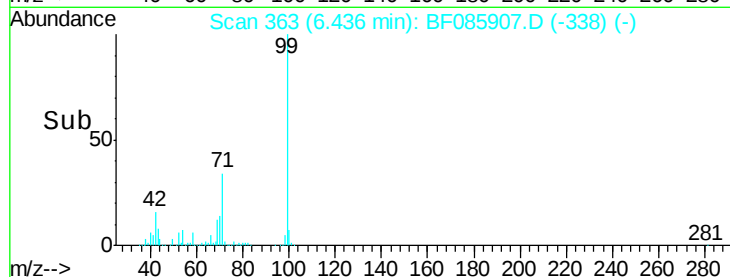
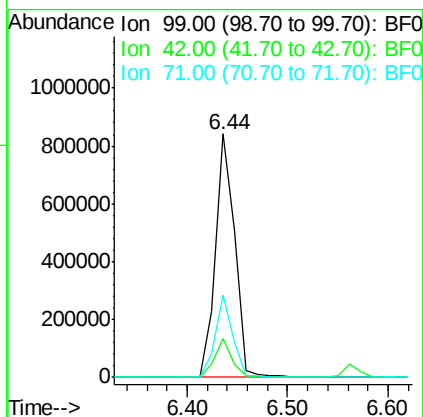
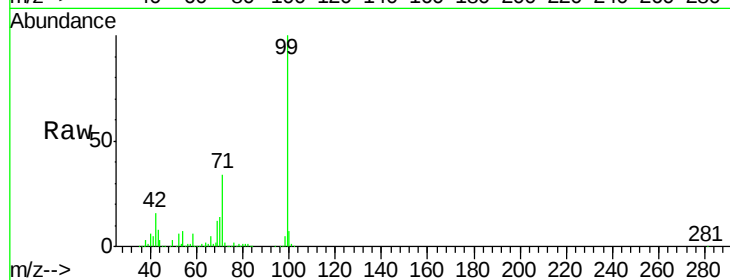
Tgt Ion: 99 Resp: 1119086

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 33.6 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085907.D

Acq: 31 Mar 2016 3:00

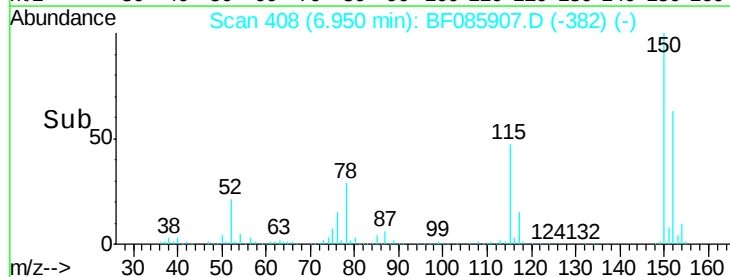
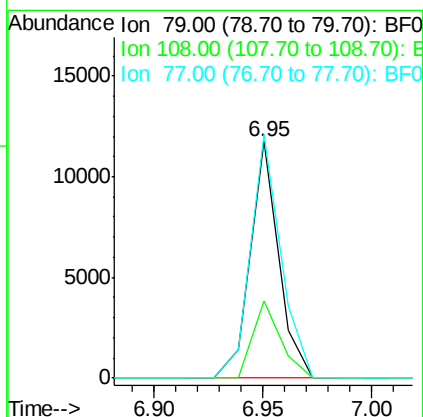
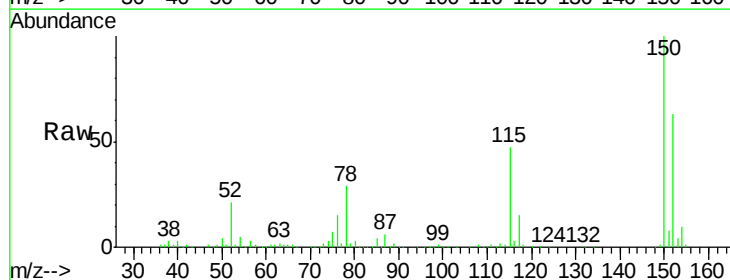
Tgt Ion: 79 Resp: 10654

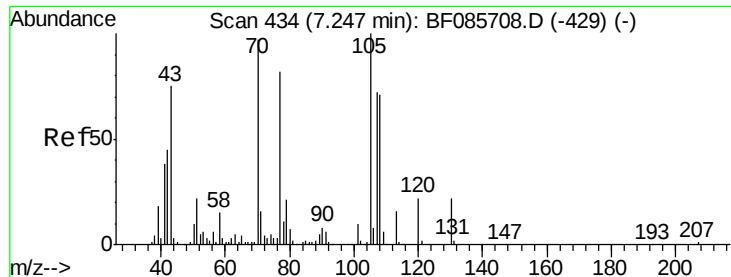
Ion Ratio Lower Upper

79 100

108 32.6 61.8 92.6#

77 102.8 49.6 74.4#

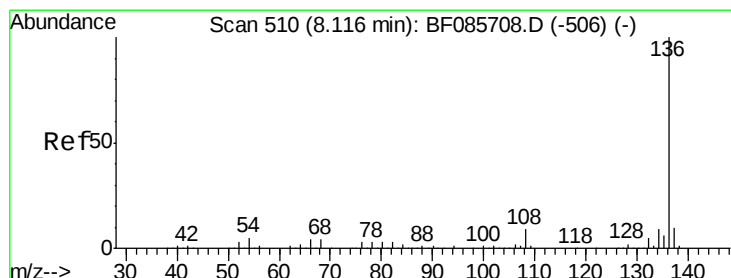
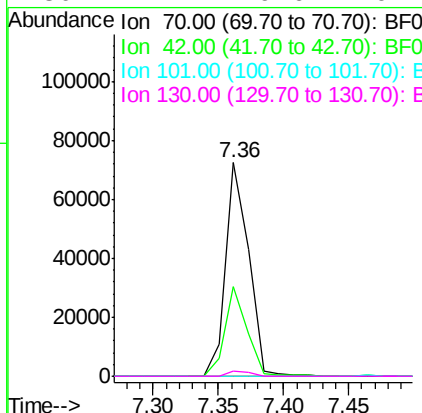
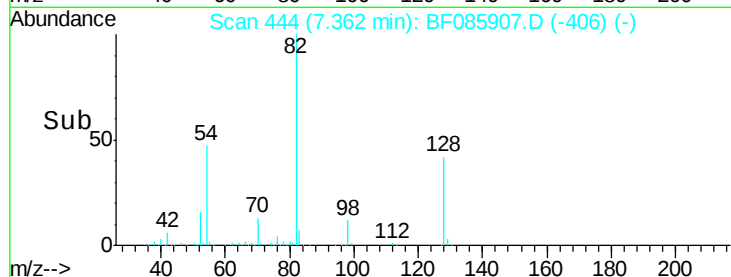
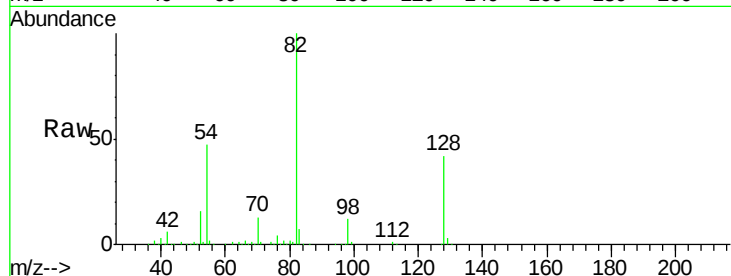




#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085907.D
Acq: 31 Mar 2016 3:00

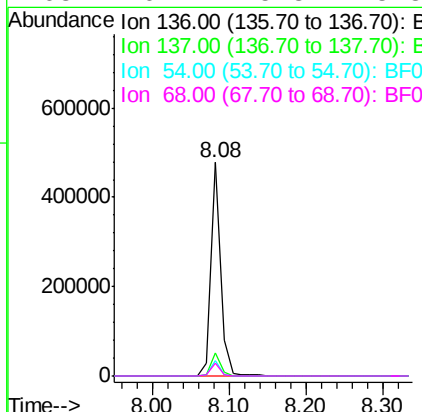
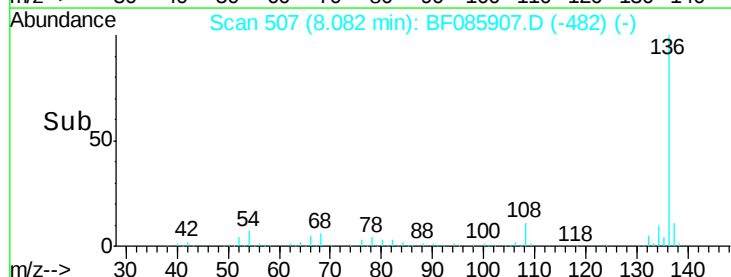
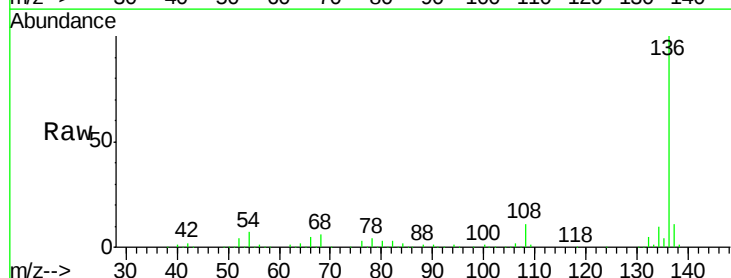
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDE-WALL-8BGL

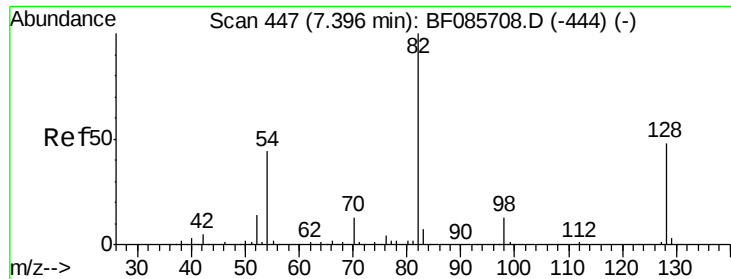
Tgt Ion: 70 Resp: 89466
Ion Ratio Lower Upper
70 100
42 42.2 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085907.D
Acq: 31 Mar 2016 3:00

Tgt Ion: 136 Resp: 415887
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.4 11.0#
68 6.1 5.8 8.8

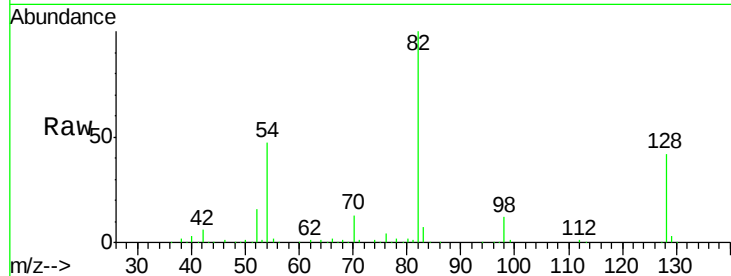




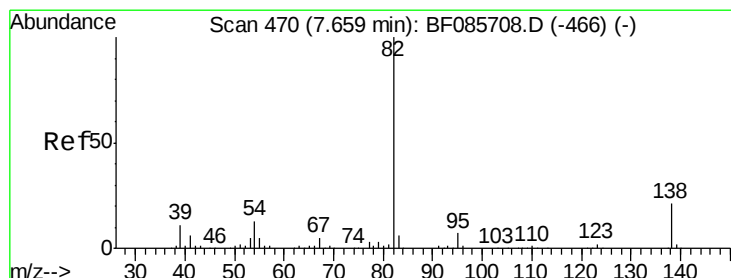
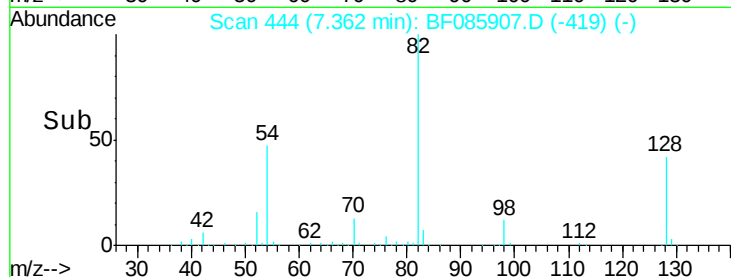
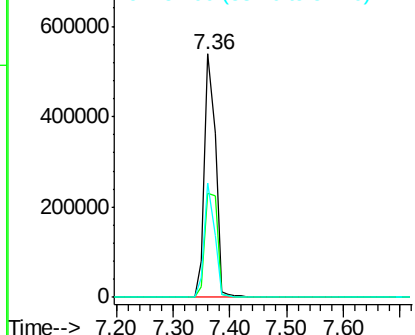
#23
Nitrobenzene-d5
Concen: 94.95 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085907.D
Acq: 31 Mar 2016 3:00

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDE-WALL-8BGL

Tgt Ion: 82 Resp: 701260
Ion Ratio Lower Upper
82 100
128 42.5 41.8 62.8
54 46.8 33.4 50.0

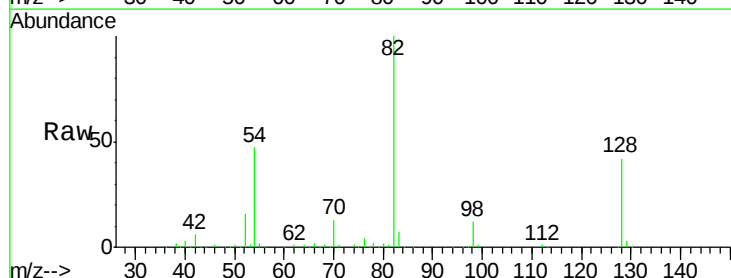


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

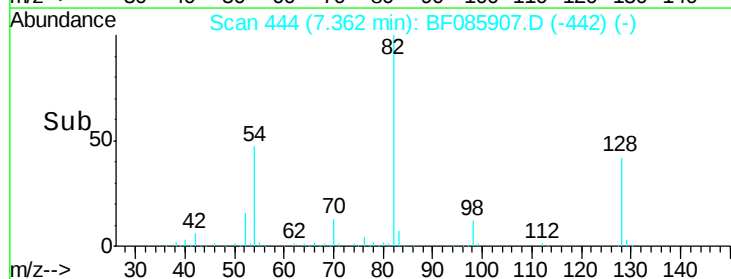
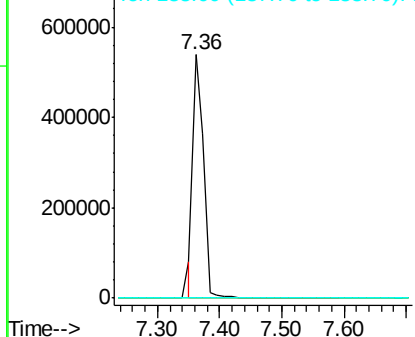


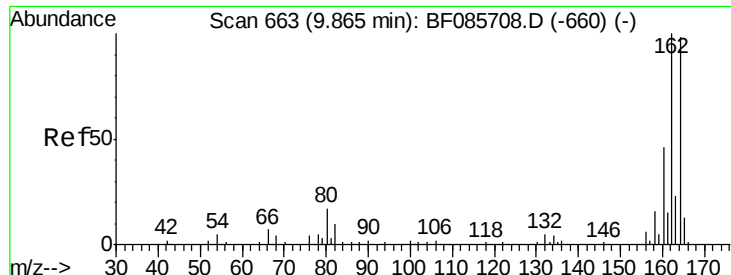
#25
Isophorone
Concen: 45.43 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085907.D
Acq: 31 Mar 2016 3:00

Tgt Ion: 82 Resp: 646350
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



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

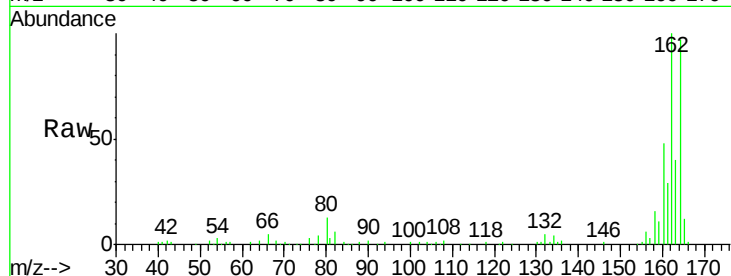




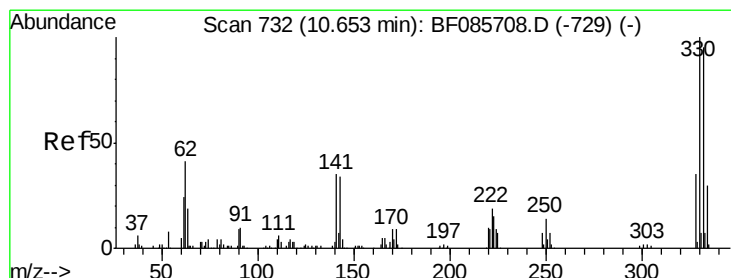
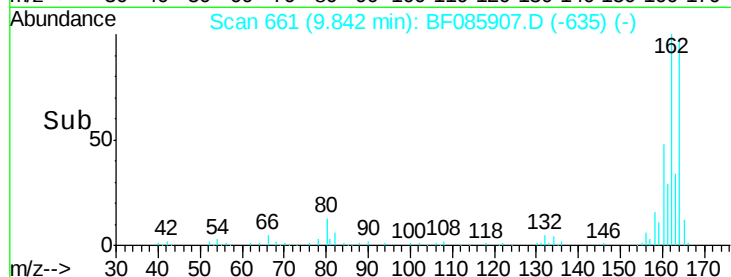
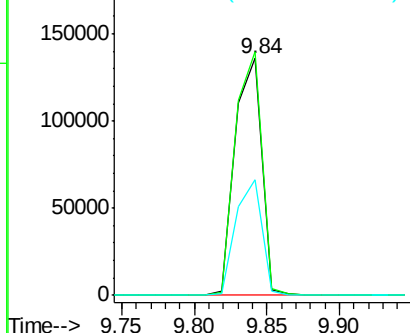
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Instrument :
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Tgt Ion:164 Resp: 173092
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.1 123.1
 160 48.9 37.4 56.2

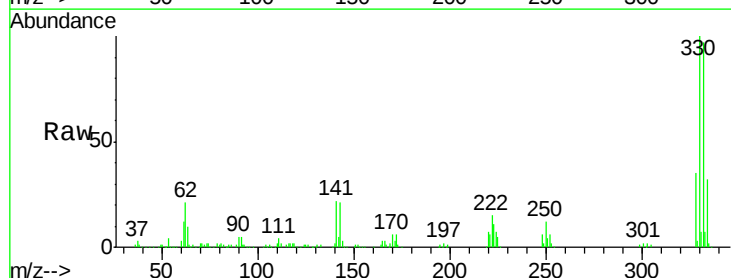


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

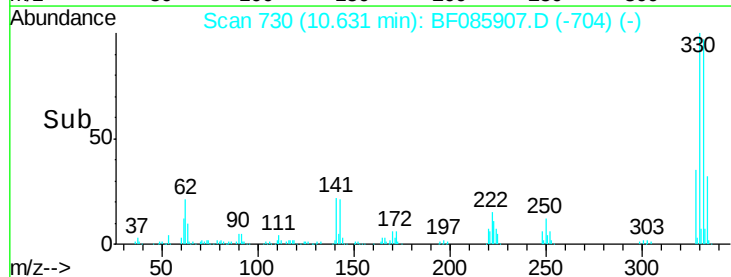
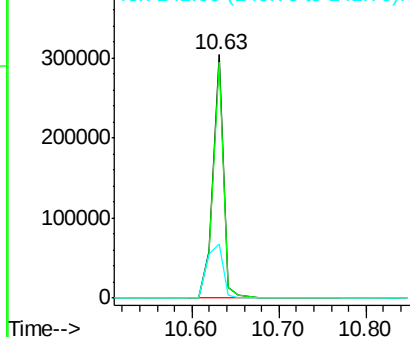


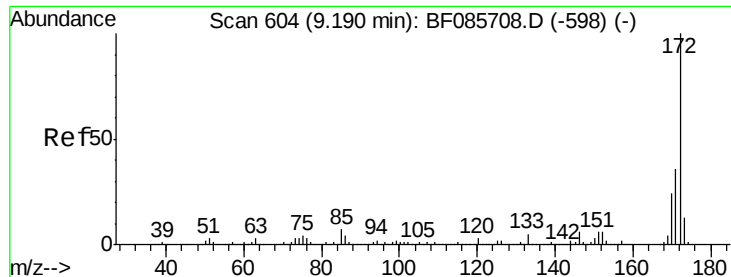
#41
 2,4,6-Tribromophenol
 Concen: 160.35 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Tgt Ion:330 Resp: 263711
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 33.5 31.5 47.3



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

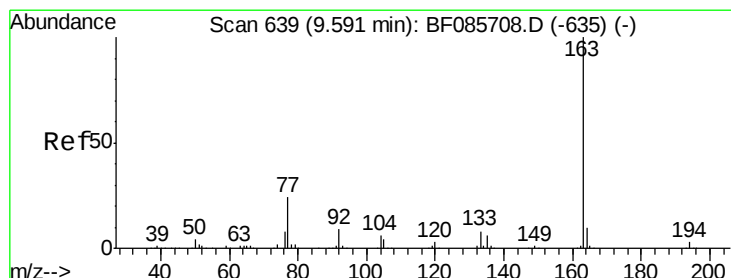
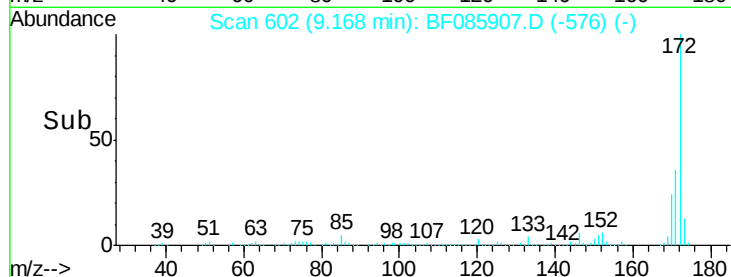
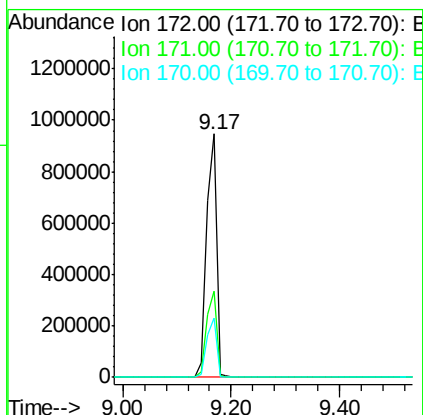
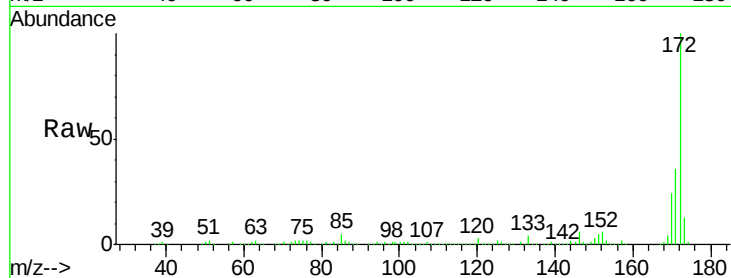




#44
 2-Fluorobiphenyl
 Concen: 114.15 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

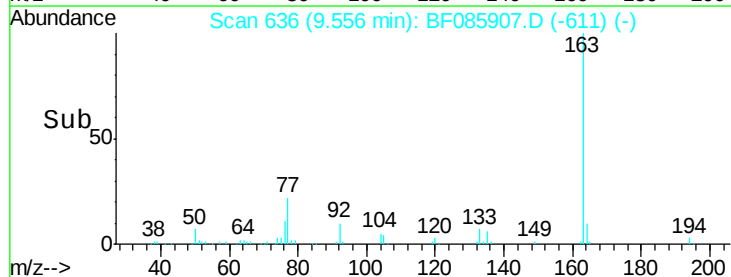
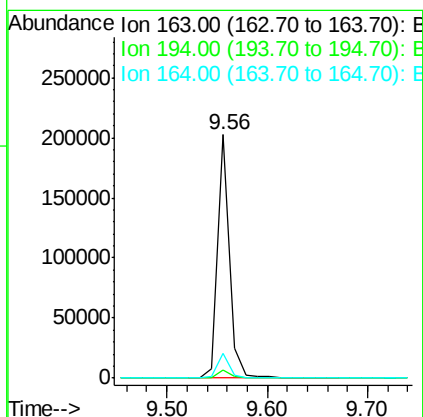
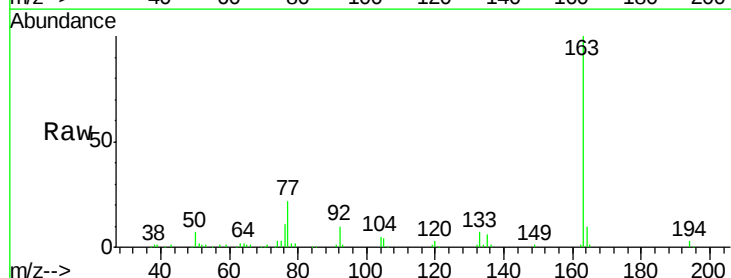
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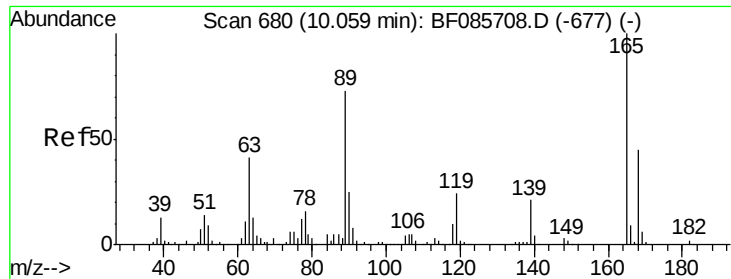
Tgt Ion:172 Resp: 1182557
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.2 19.8 29.6



#49
 Dimethylphthalate
 Concen: 12.65 ng
 RT: 9.56 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Tgt Ion:163 Resp: 166137
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.9 4.3
 164 10.1 8.3 12.5

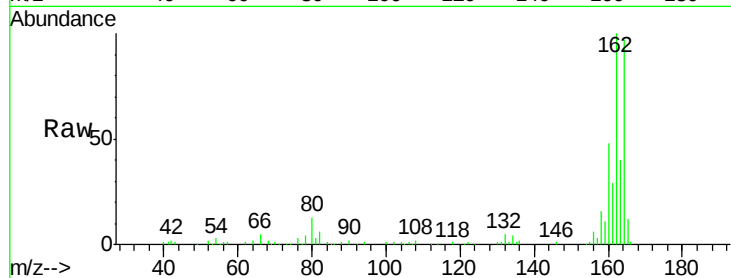




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Instrument :
 BNA_F
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 SOUTH-SIDE-WALL-8BGL

Tgt Ion:	165	Resp:	21957
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#

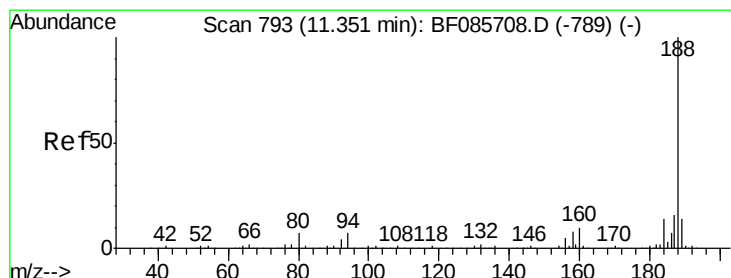
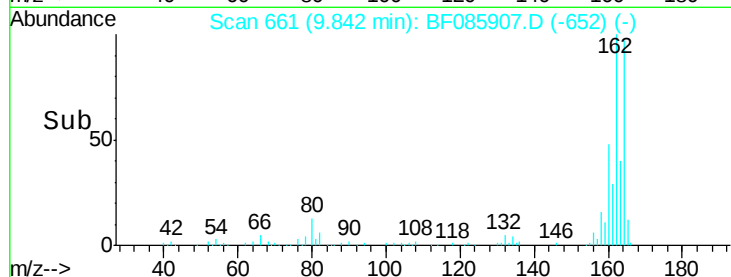
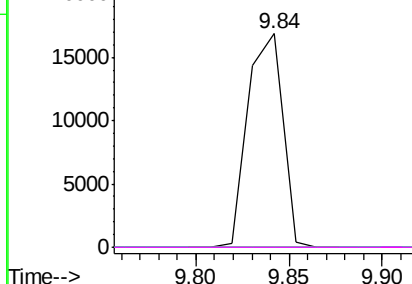


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

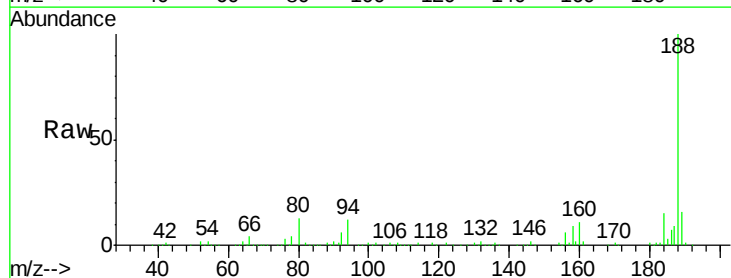
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

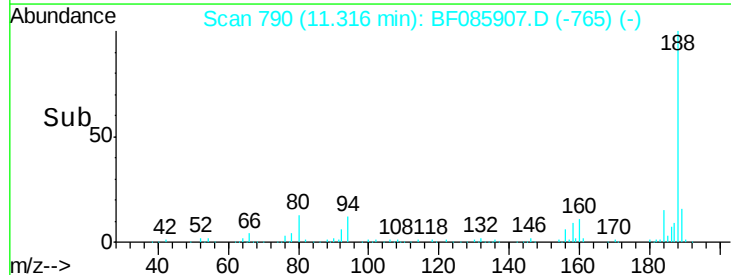
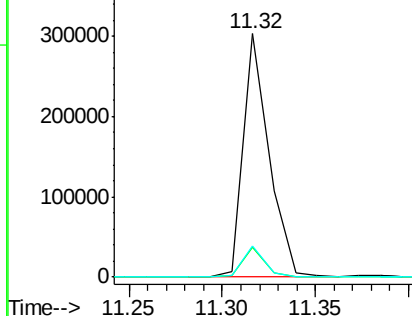
Tgt Ion:	188	Resp:	291620
Ion Ratio	Lower	Upper	
188	100		
94	12.1	5.4	8.0#
80	12.7	5.5	8.3#

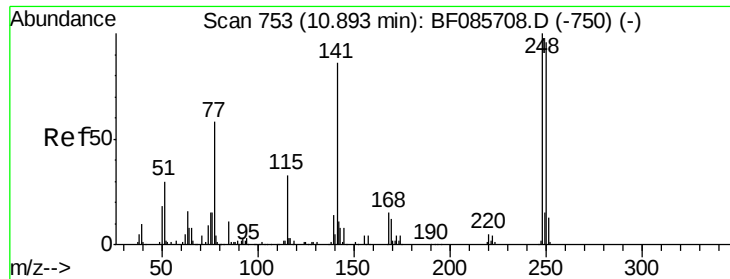


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.72 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.24 min

Lab File: BF085907.D

Acq: 31 Mar 2016 3:00

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDE-WALL-8BGL

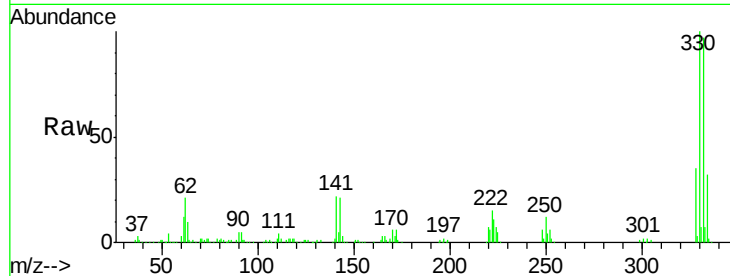
Tgt Ion:248 Resp: 17072

Ion Ratio Lower Upper

248 100

250 196.0 77.4 116.0#

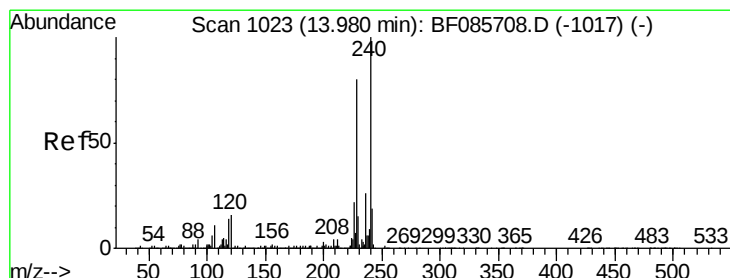
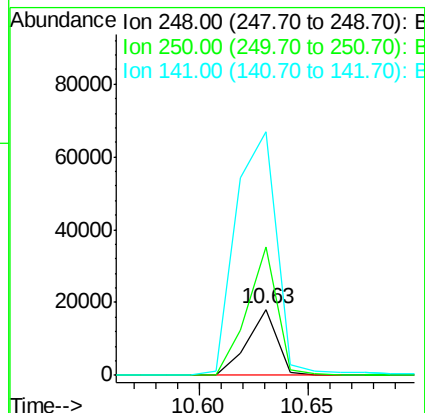
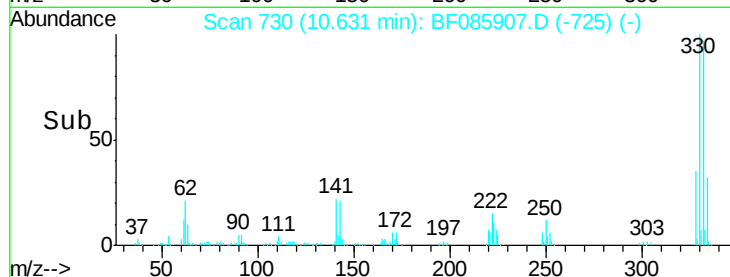
141 370.6 63.6 95.4#



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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085907.D

Acq: 31 Mar 2016 3:00

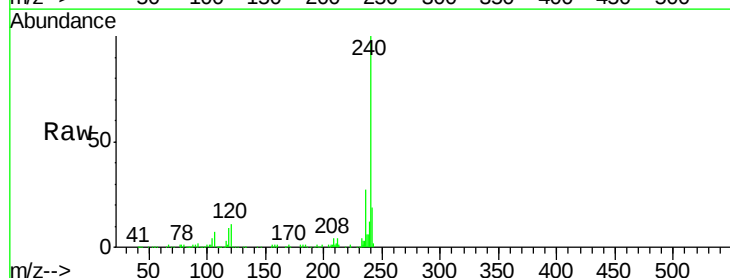
Tgt Ion:240 Resp: 203125

Ion Ratio Lower Upper

240 100

120 10.8 13.8 20.8#

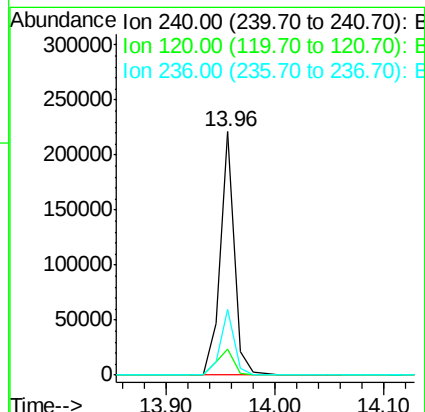
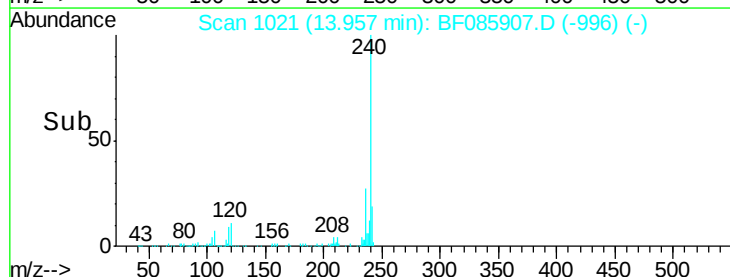
236 27.1 20.6 30.8

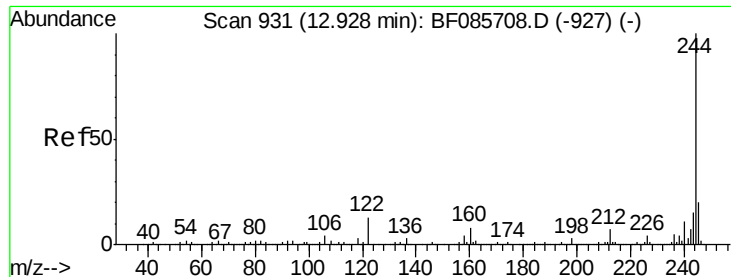


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

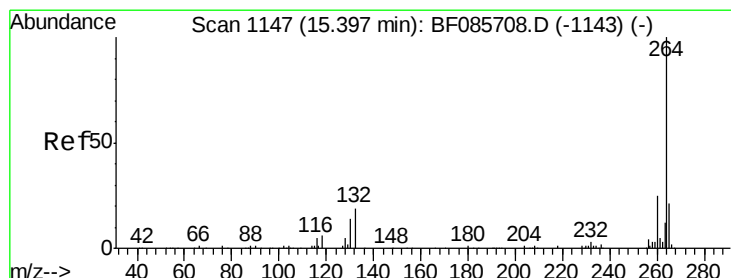
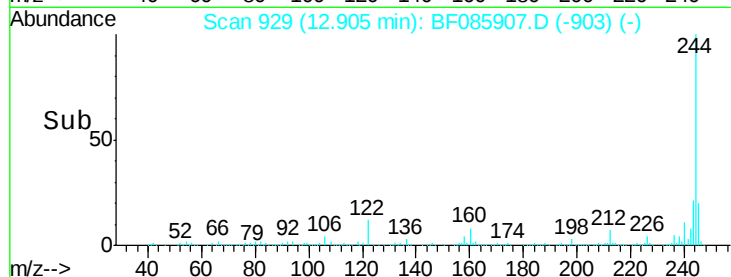
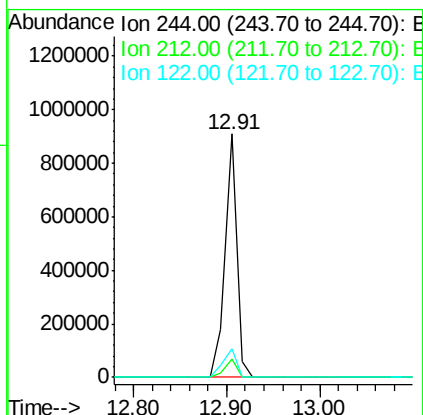
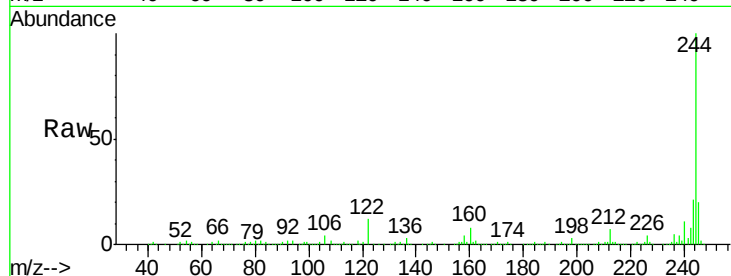




#78
 Terphenyl-d14
 Concen: 80.21 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDE-WALL-8BGL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.9	10.2	15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085907.D
 Acq: 31 Mar 2016 3:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.3	17.2	25.8

