

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085908.D
 Acq On : 31 Mar 2016 3:28
 Operator : UM/SJ
 Sample : H2049-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGL

Quant Time: Mar 31 03:15:53 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

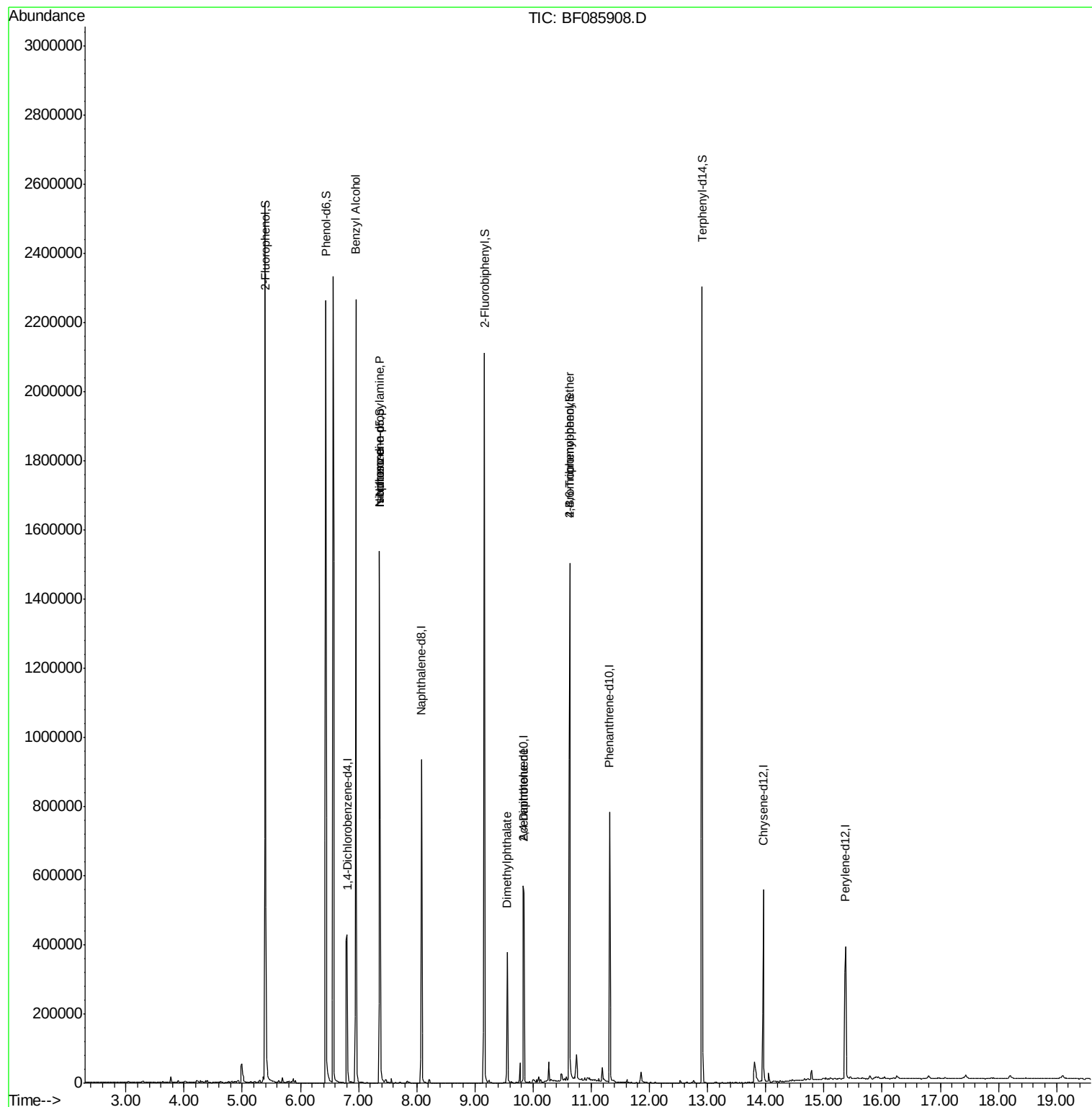
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102616	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	408208	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	168358	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	289197	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	202973	20.00	ng	-0.01
86) Perylene-d12	15.37	264	200668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	830254	134.75	ng	0.00
7) Phenol-d6	6.44	99	1030930	131.60	ng	-0.01
23) Nitrobenzene-d5	7.36	82	641895	88.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	243655	152.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1049503	104.15	ng	0.00
78) Terphenyl-d14	12.91	244	709817	71.92	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.95	79	10674	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.36	70	83715	17.85	ng	# 78
25) Isophorone	7.36	82	587021	42.04	ng	# 68
49) Dimethylphthalate	9.56	163	140793	11.02	ng	99
56) 2,4-Dinitrotoluene	9.83	165	20963	6.00	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	15546	5.25	ng	# 1

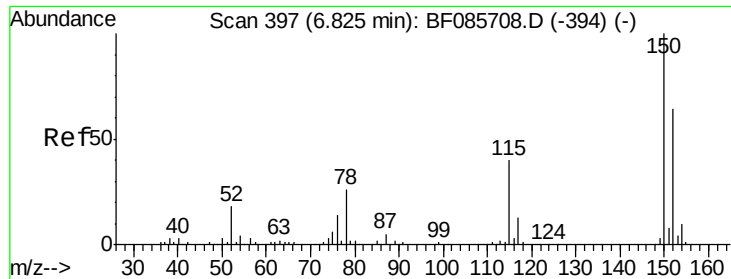
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085908.D

Acq: 31 Mar 2016 3:28

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGL

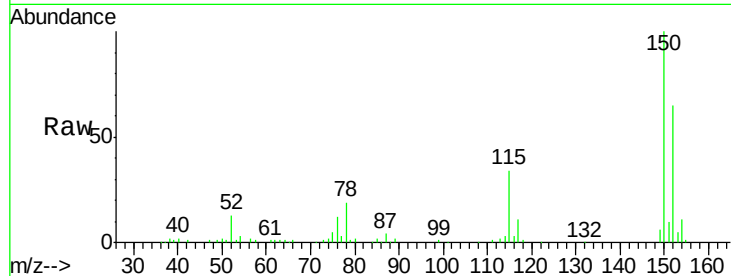
Tgt Ion:152 Resp: 102616

Ion Ratio Lower Upper

152 100

150 152.9 124.2 186.2

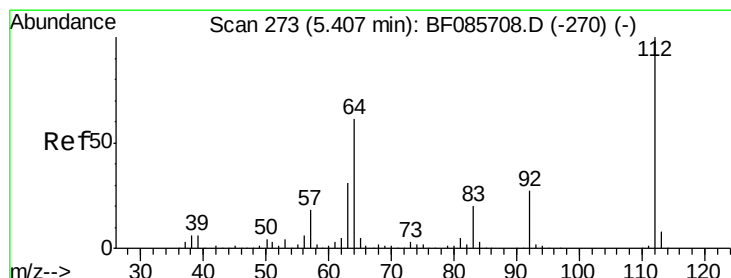
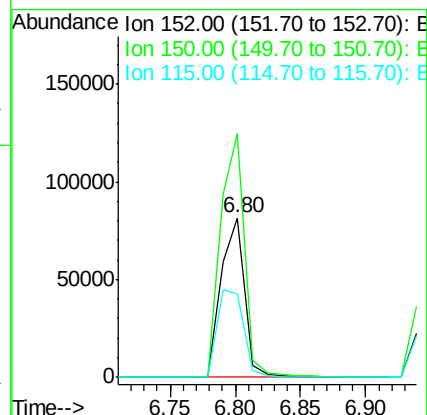
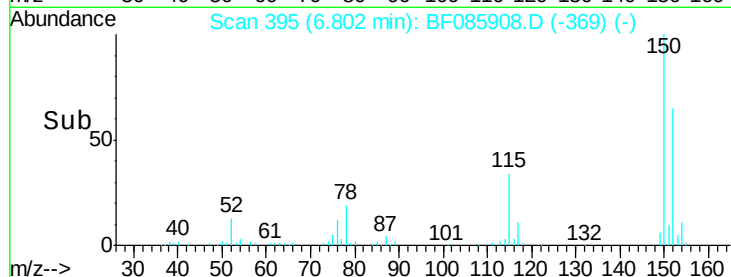
115 52.6 47.0 70.6



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: 134.75 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085908.D

Acq: 31 Mar 2016 3:28

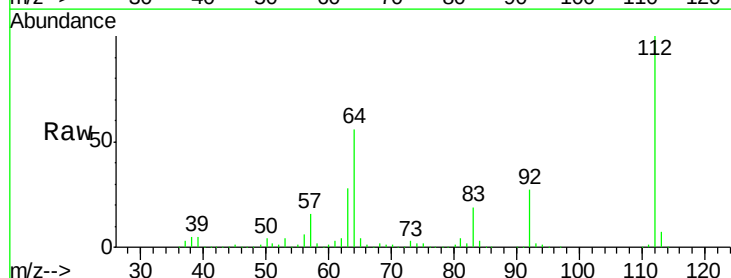
Tgt Ion:112 Resp: 830254

Ion Ratio Lower Upper

112 100

64 55.8 39.9 59.9

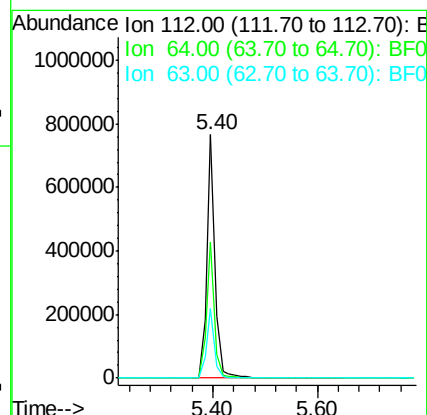
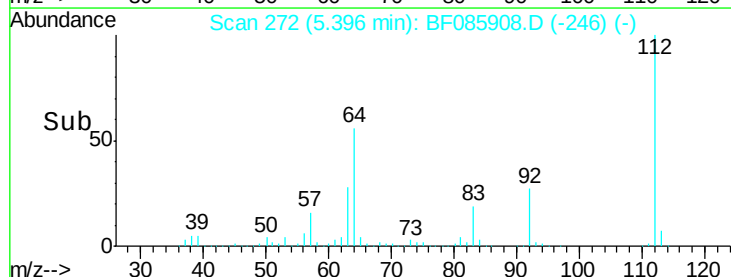
63 28.3 20.2 30.2

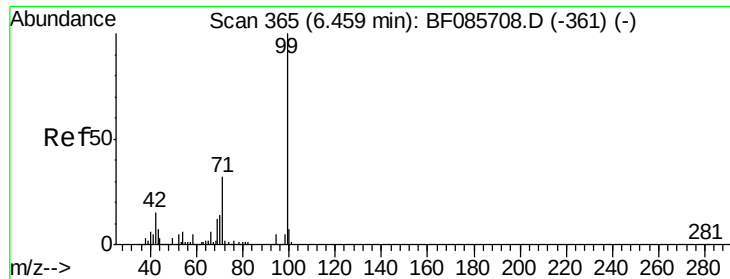


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.60 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085908.D

Acq: 31 Mar 2016 3:28

Instrument :

BNA_F

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BOTTOM-EAST-END-14BGL

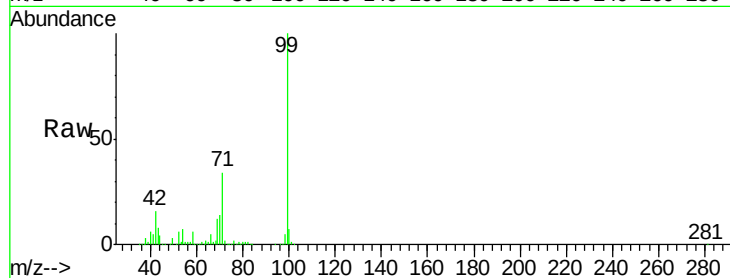
Tgt Ion: 99 Resp: 1030930

Ion Ratio Lower Upper

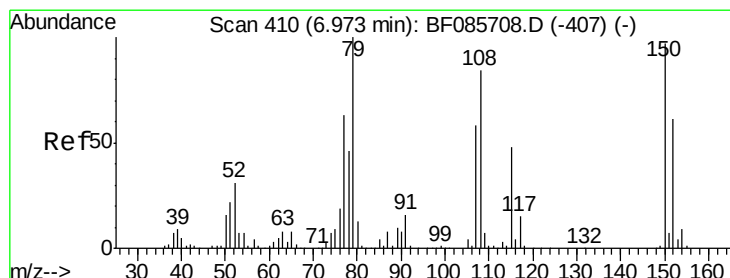
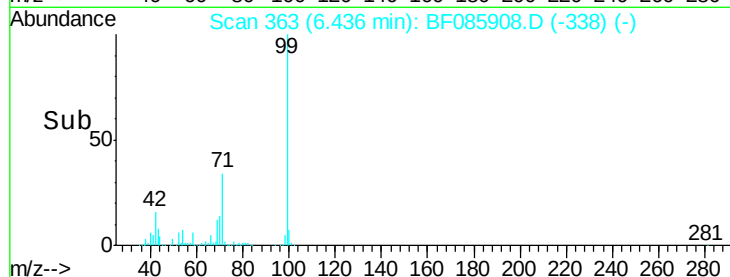
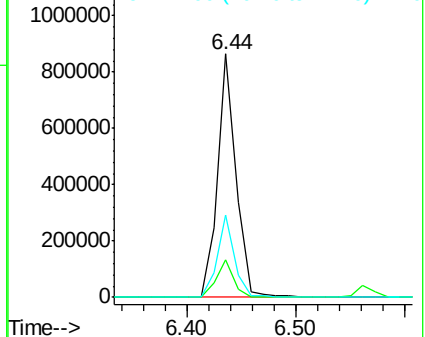
99 100

42 15.6 11.1 16.7

71 33.7 24.9 37.3



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: 2.04 ng

RT: 6.95 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF085908.D

Acq: 31 Mar 2016 3:28

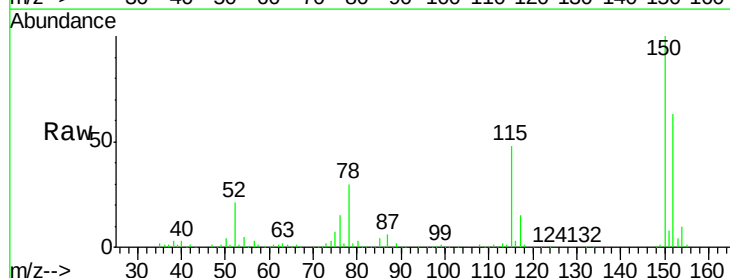
Tgt Ion: 79 Resp: 10674

Ion Ratio Lower Upper

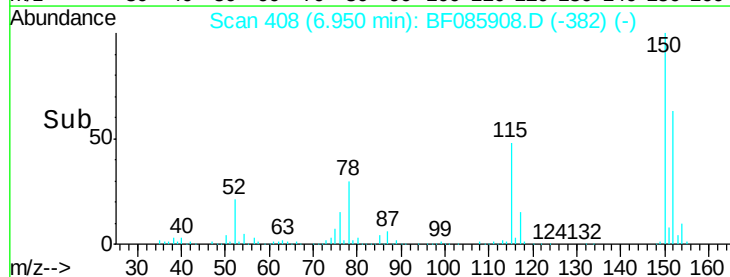
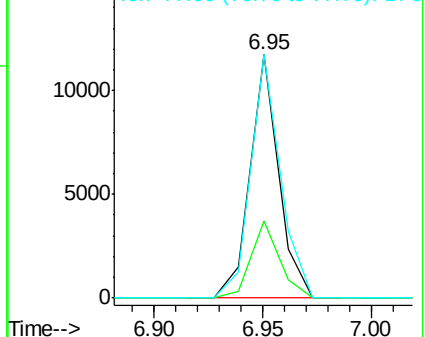
79 100

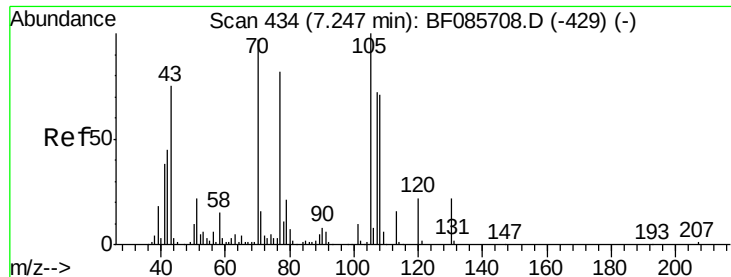
108 31.9 61.8 92.6#

77 100.2 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

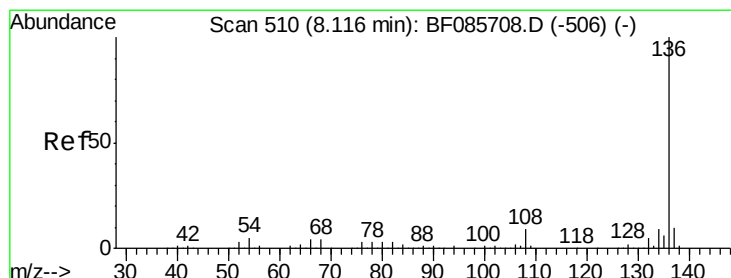
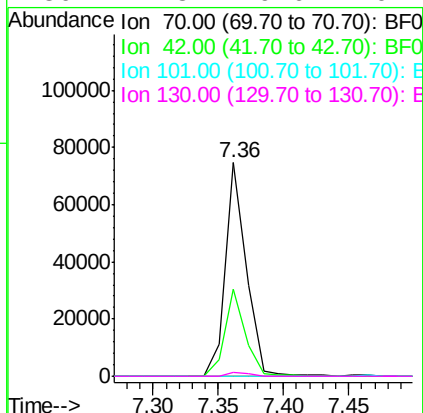
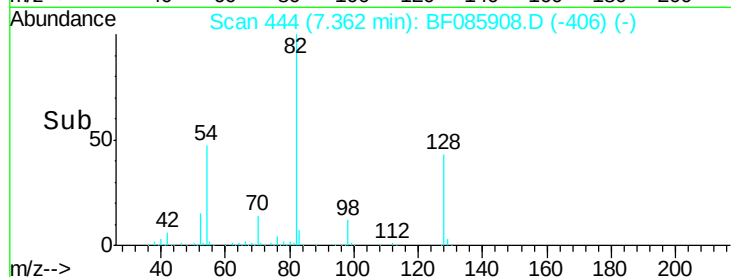
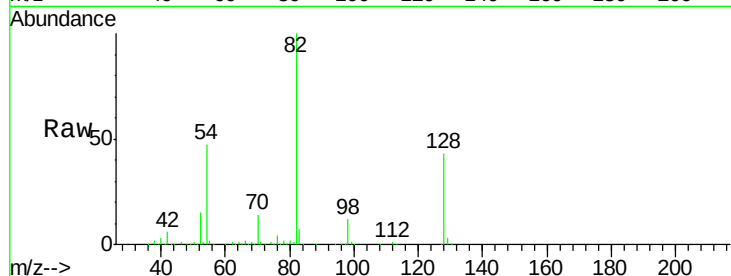




#19
n-Nitroso-di-n-propylamine
Concen: 17.85 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085908.D
Acq: 31 Mar 2016 3:28

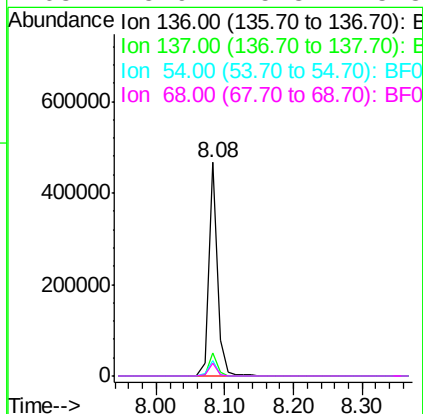
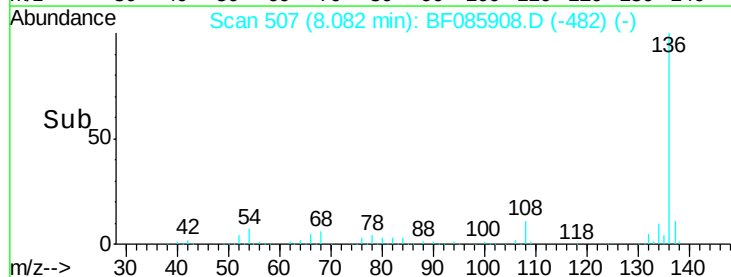
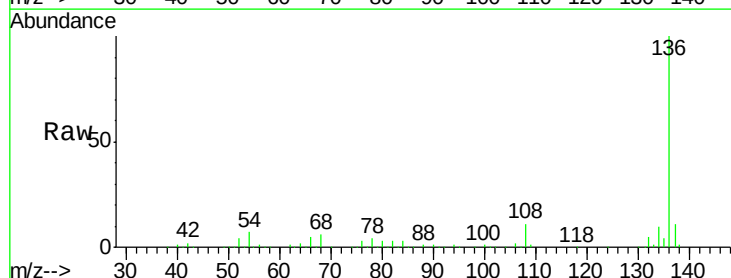
Instrument :
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BOTTOM-EAST-END-14BGL

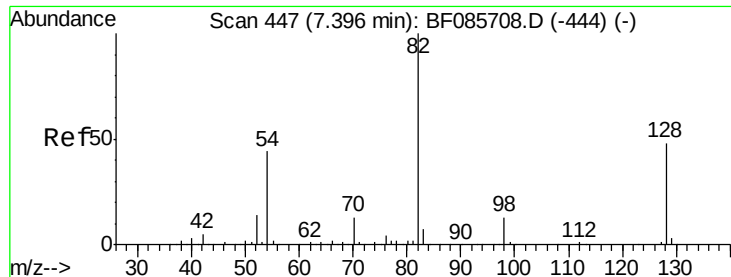
Tgt Ion: 70 Resp: 83715
Ion Ratio Lower Upper
70 100
42 40.9 37.1 55.7
101 0.0 8.6 12.8#
130 1.8 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085908.D
Acq: 31 Mar 2016 3:28

Tgt Ion: 136 Resp: 408208
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.4 7.4 11.0
68 5.9 5.8 8.8

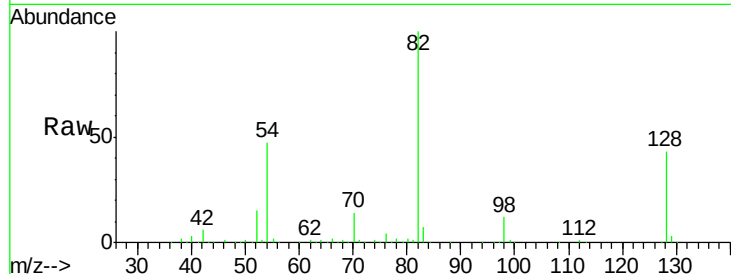




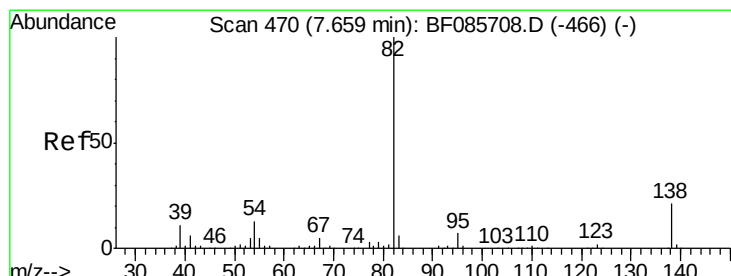
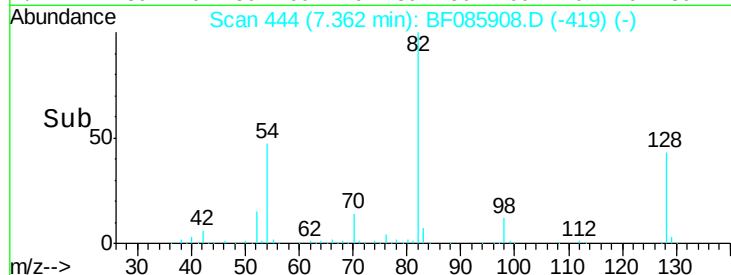
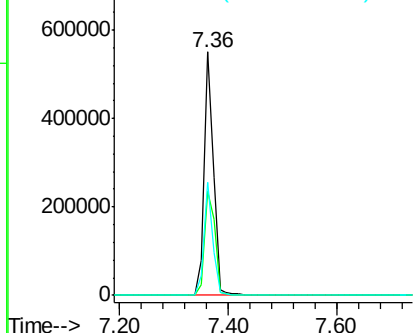
#23
 Nitrobenzene-d5
 Concen: 88.55 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	41.8	62.8
54	46.6	33.4	50.0

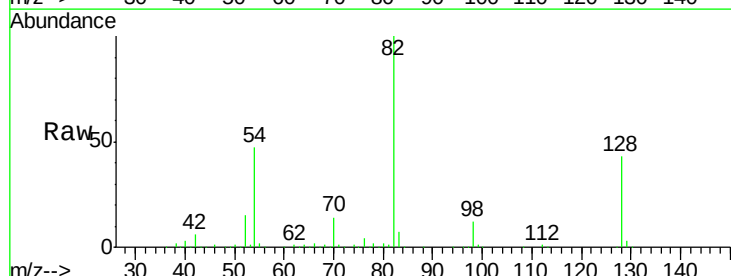


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

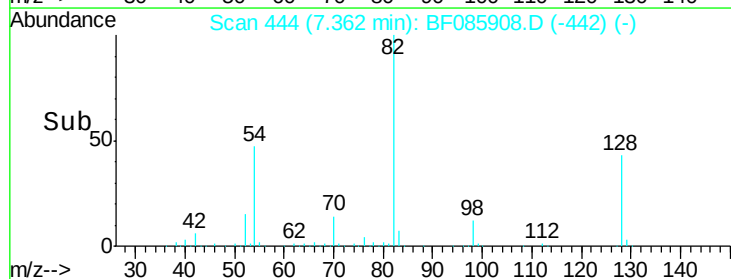
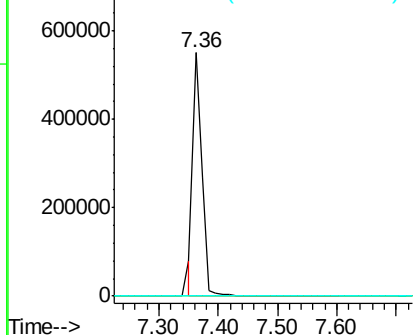


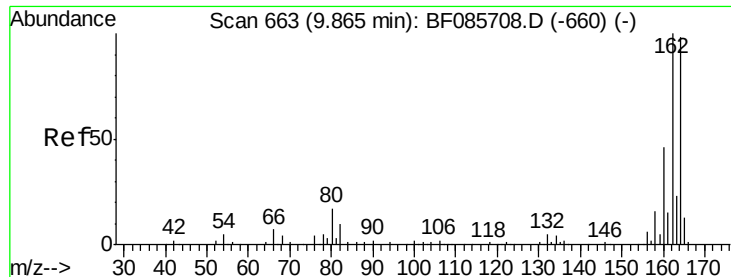
#25
 Isophorone
 Concen: 42.04 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Tgt 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

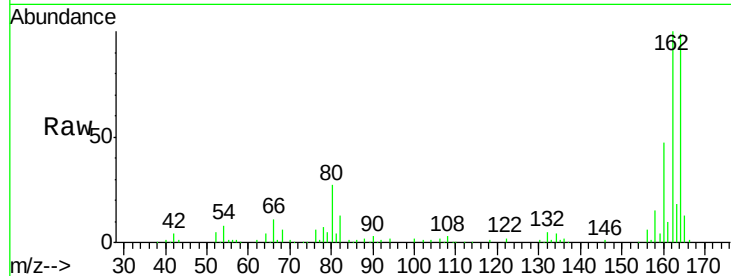




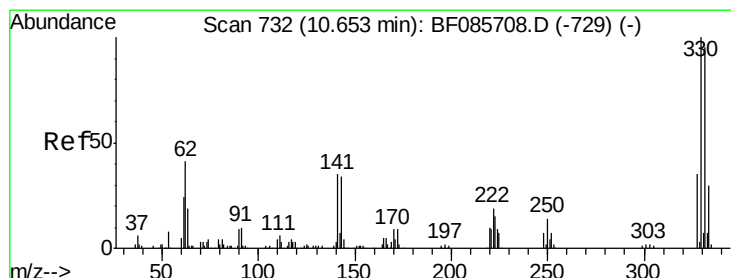
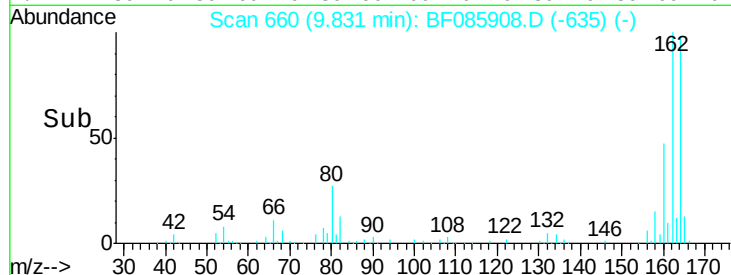
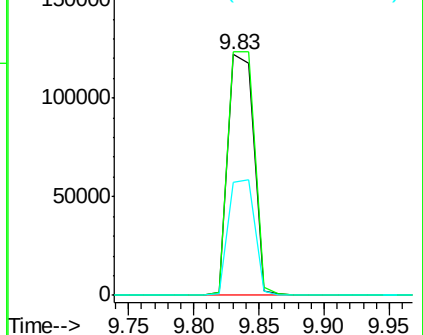
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Instrument :
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 BOTTOM-EAST-END-14BGL

Tgt Ion:164 Resp: 168358
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.1 123.1
 160 47.0 37.4 56.2

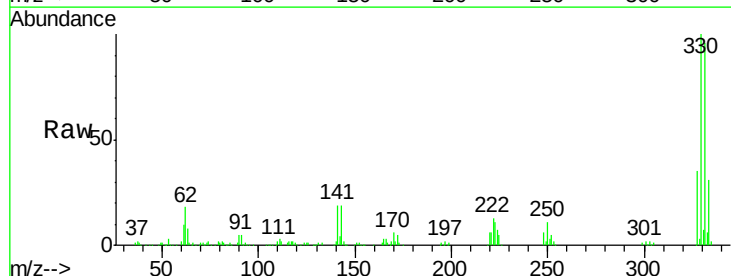


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

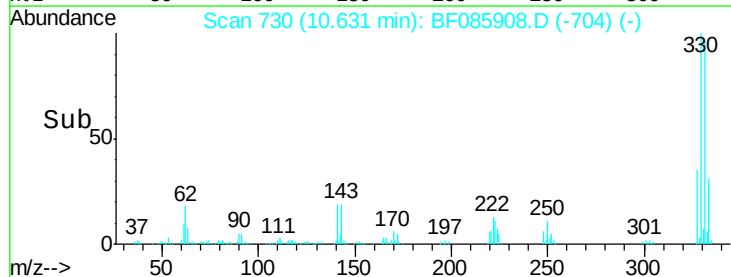
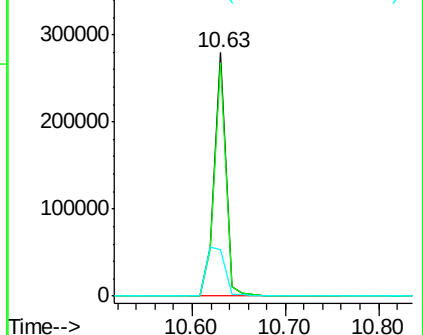


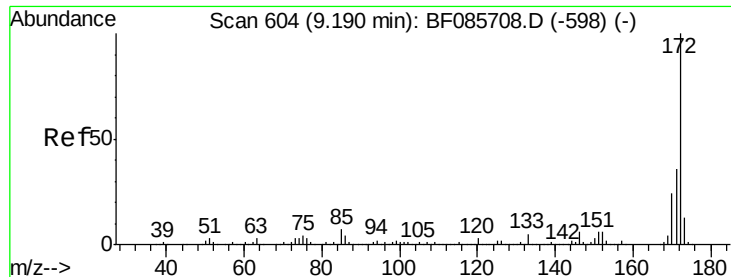
#41
 2,4,6-Tribromophenol
 Concen: 152.32 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Tgt Ion:330 Resp: 243655
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 33.0 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

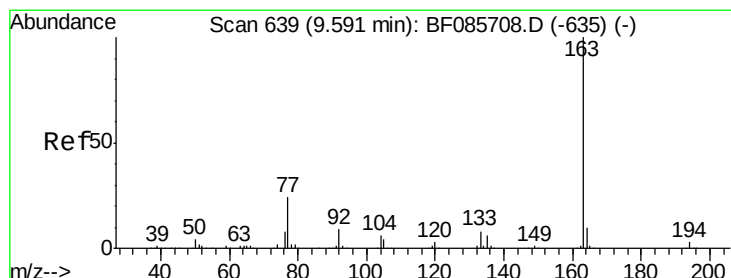
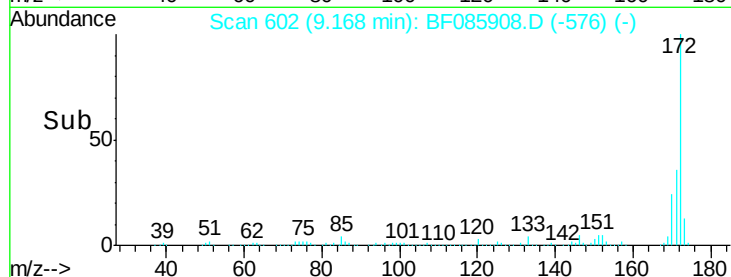
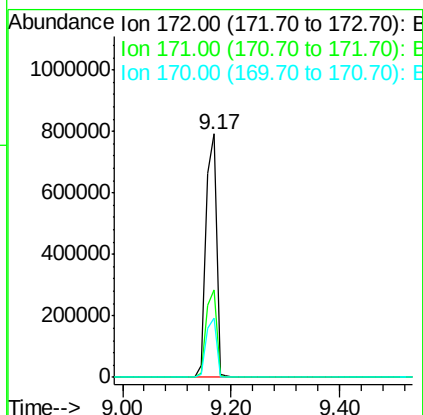
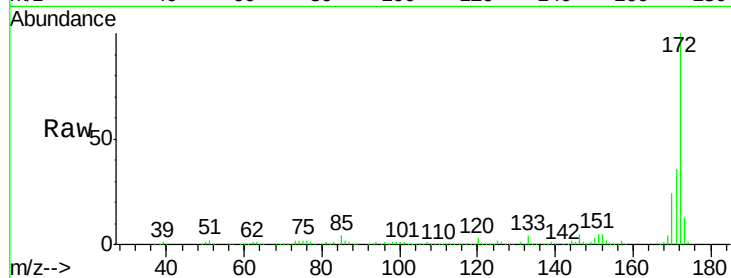




#44
 2-Fluorobiphenyl
 Concen: 104.15 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

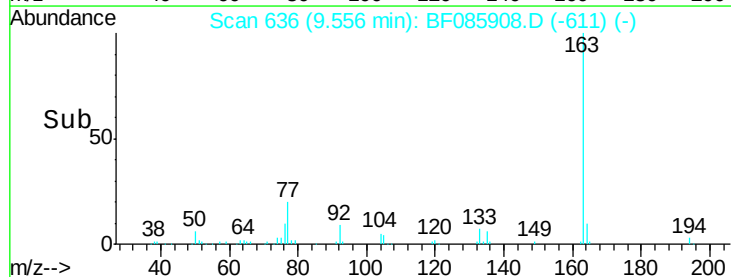
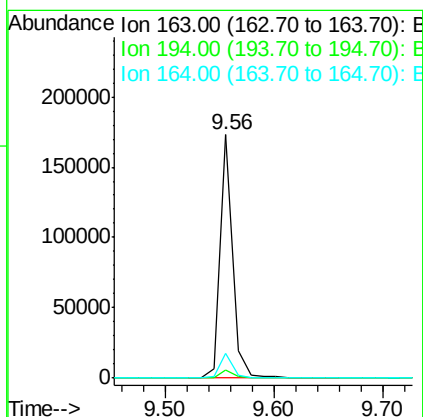
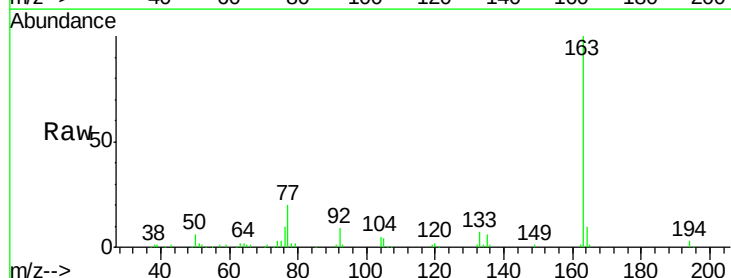
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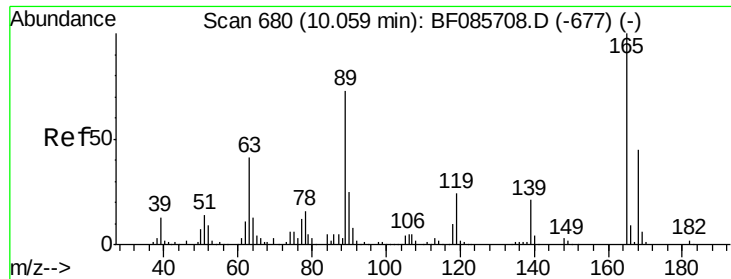
Tgt Ion:172 Resp: 1049503
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.4 19.8 29.6



#49
 Dimethylphthalate
 Concen: 11.02 ng
 RT: 9.56 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Tgt Ion:163 Resp: 140793
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 9.9 8.3 12.5

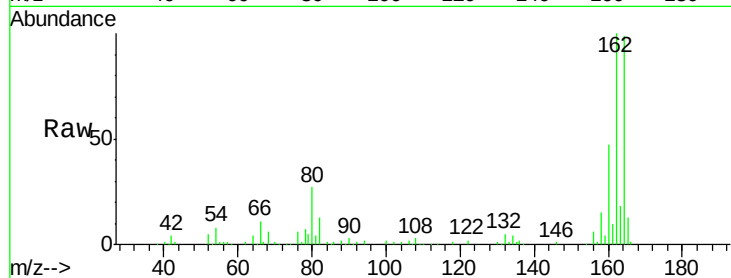




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGL

Tgt Ion:	165	Resp:	20963
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

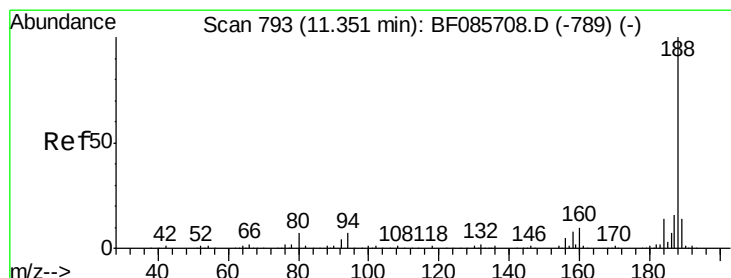
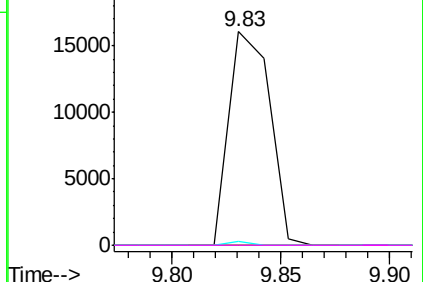
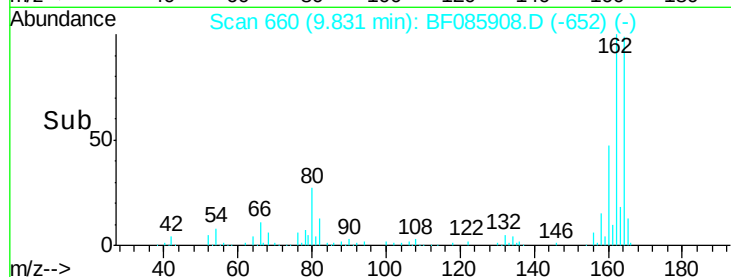


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

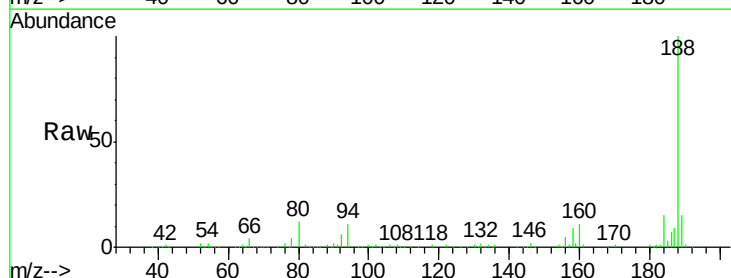
Ion 89.00 (88.70 to 89.70): BF0

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: BF085908.D
 Acq: 31 Mar 2016 3:28

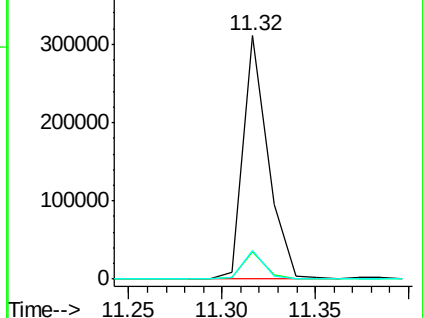
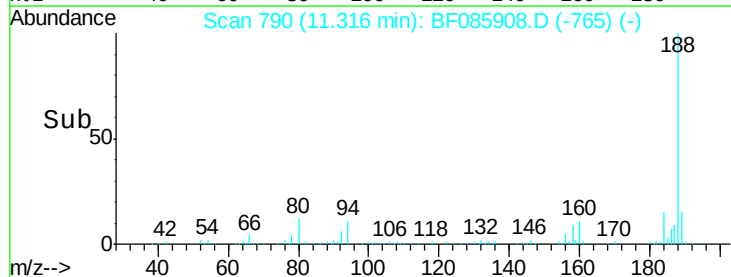
Tgt Ion:	188	Resp:	289197
Ion	Ratio	Lower	Upper
188	100		
94	11.0	5.4	8.0#
80	11.5	5.5	8.3#

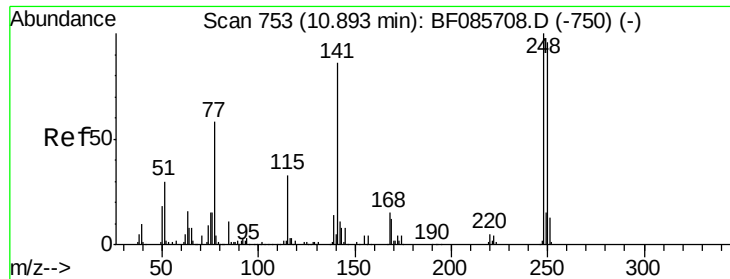


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

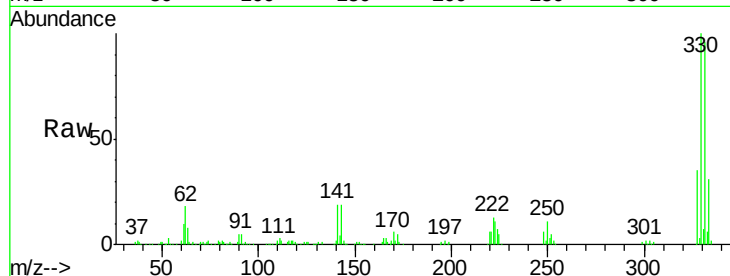




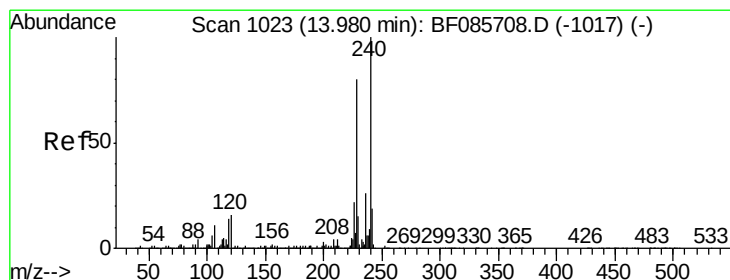
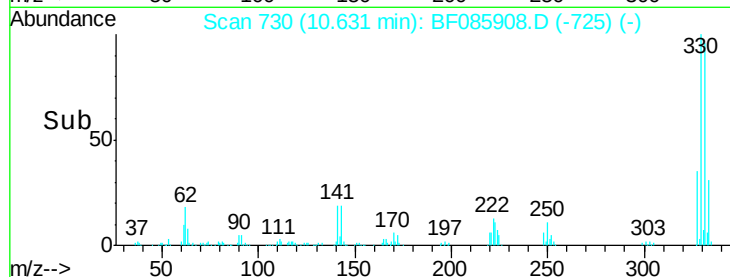
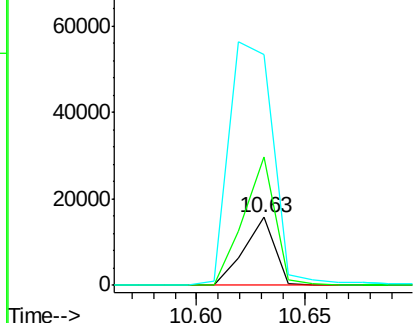
#66
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085908.D
Acq: 31 Mar 2016 3:28

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGL

Tgt Ion:248 Resp: 15546
Ion Ratio Lower Upper
248 100
250 189.0 77.4 116.0#
141 339.8 63.6 95.4#

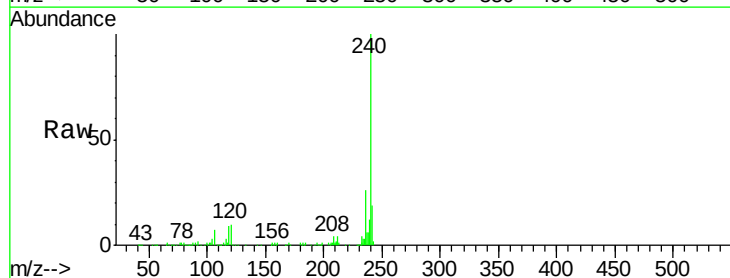


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

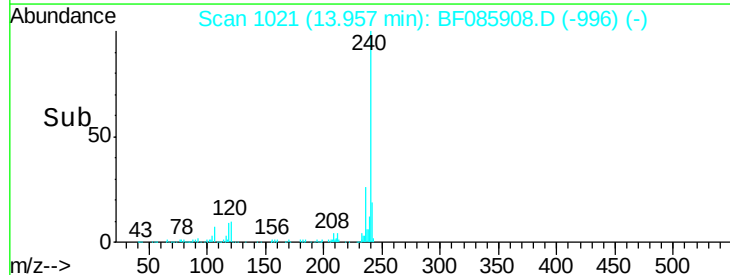
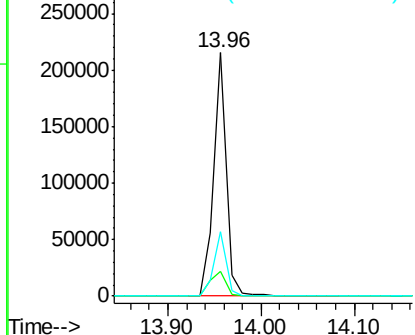


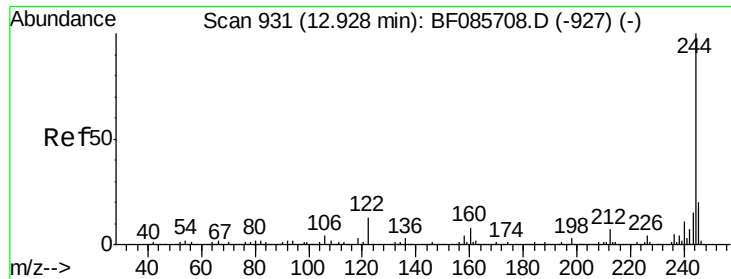
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085908.D
Acq: 31 Mar 2016 3:28

Tgt Ion:240 Resp: 202973
Ion Ratio Lower Upper
240 100
120 10.4 13.8 20.8#
236 26.3 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

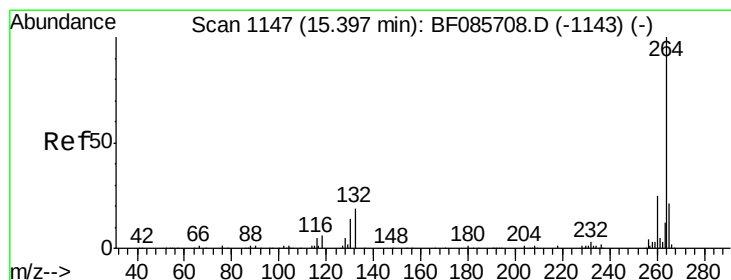
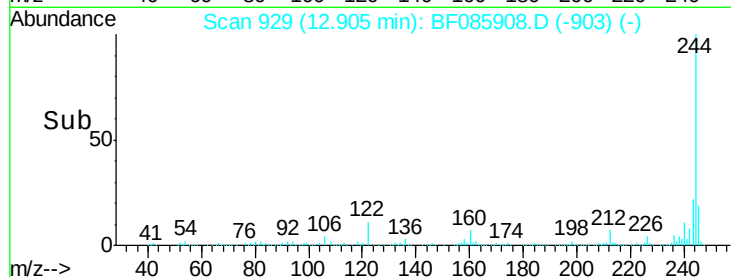
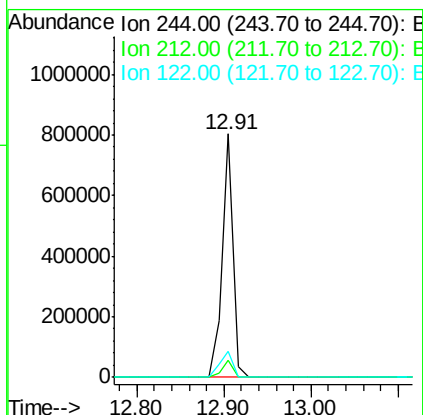
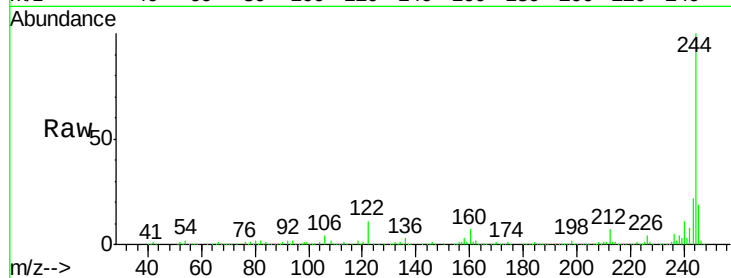




#78
 Terphenyl-d14
 Concen: 71.92 ng
 RT: 12.91 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085908.D
 Acq: 31 Mar 2016 3:28

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGL

Tgt Ion: 244 Resp: 709817
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.8 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: BF085908.D
 Acq: 31 Mar 2016 3:28

Tgt Ion: 264 Resp: 200668
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.3 17.2 25.8

