

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085905.D
 Acq On : 31 Mar 2016 2:04
 Operator : UM/SJ
 Sample : H2049-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Quant Time: Mar 31 01:32:00 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

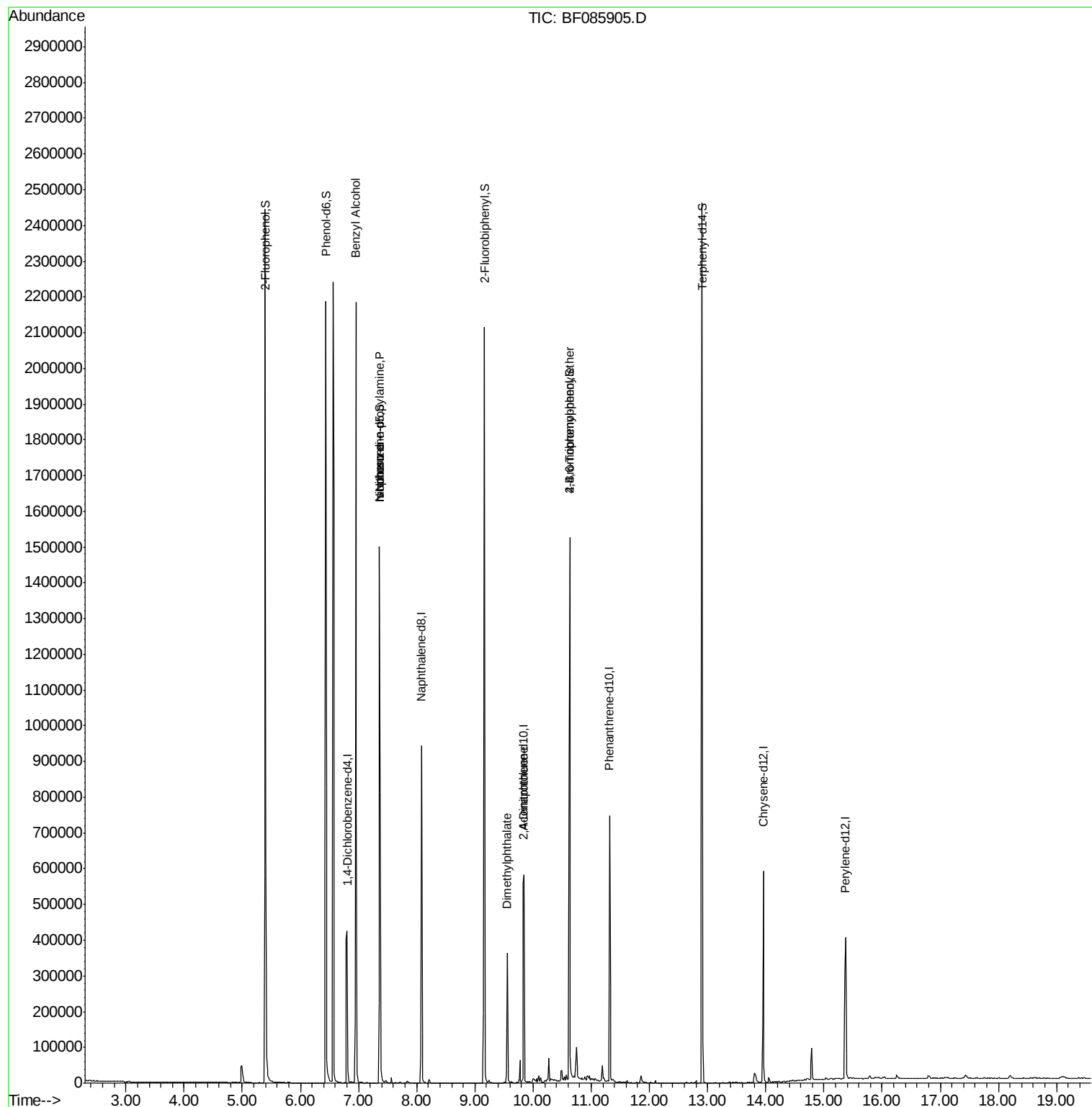
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100380	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	407031	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	171517	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287815	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	203668	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	803111	133.25	ng	0.00
7) Phenol-d6	6.44	99	1009188	131.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	645482	89.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	238867	146.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1075997	104.81	ng	0.00
78) Terphenyl-d14	12.90	244	718723	72.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.95	79	10510	2.06	ng	# 47
19) n-Nitroso-di-n-propylamine	7.36	70	82954	18.08	ng	# 78
25) Isophorone	7.36	82	591535	42.48	ng	# 68
49) Dimethylphthalate	9.56	163	134174	10.31	ng	99
56) 2,4-Dinitrotoluene	9.83	165	21204	5.96	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	15542	5.28	ng	# 1

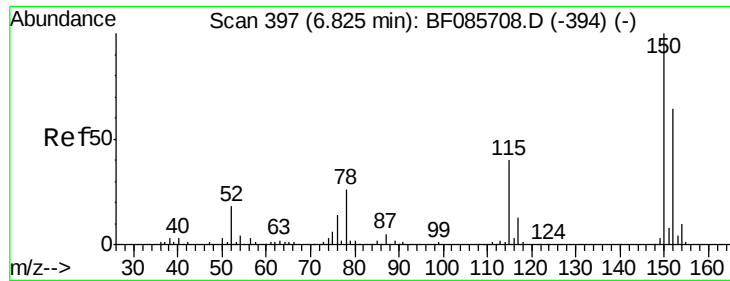
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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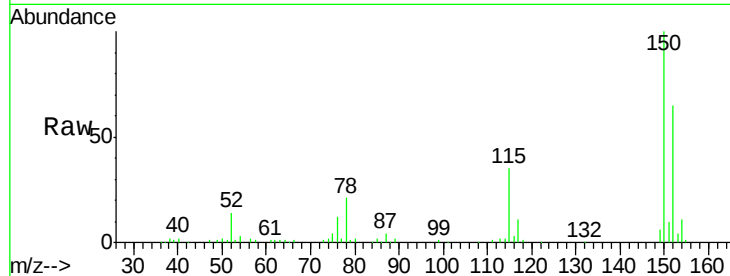


#1

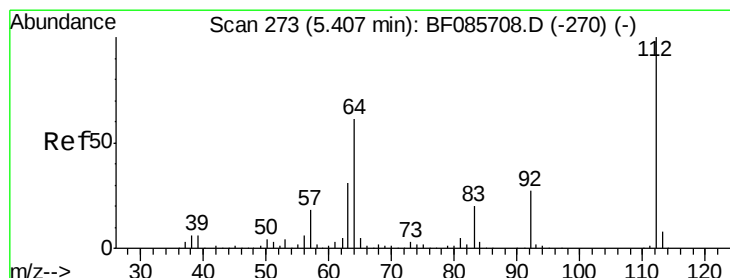
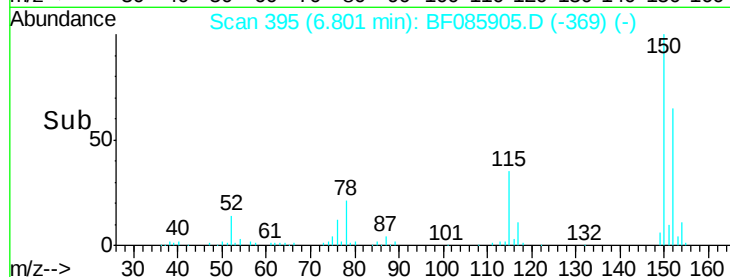
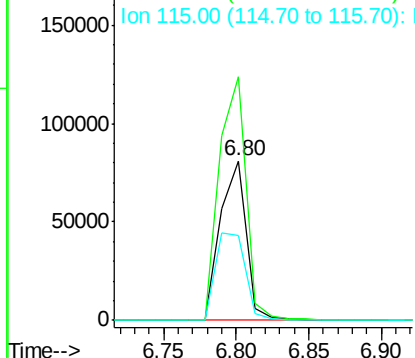
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085905.D
Acq: 31 Mar 2016 2:04

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-END-12BGL

Tgt Ion:152 Resp: 100380
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 53.6 47.0 70.6



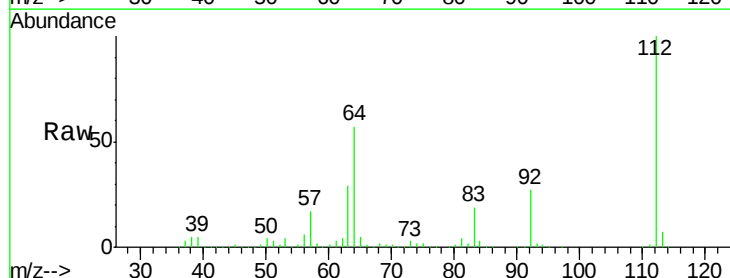
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



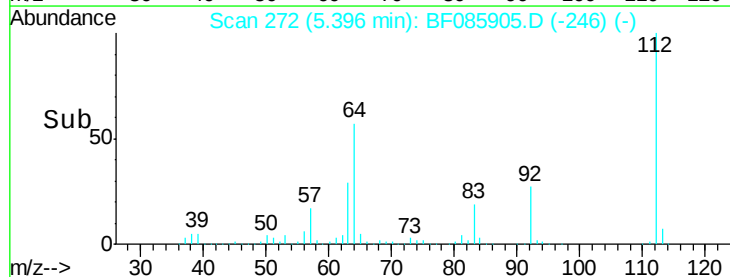
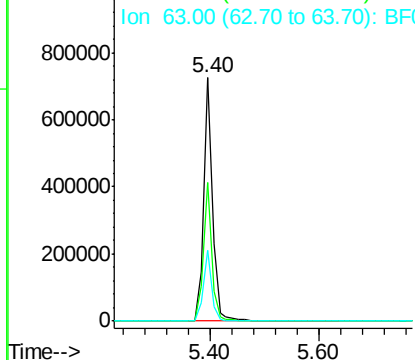
#5

2-Fluorophenol
Concen: 133.25 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085905.D
Acq: 31 Mar 2016 2:04

Tgt Ion:112 Resp: 803111
Ion Ratio Lower Upper
112 100
64 56.9 39.9 59.9
63 29.0 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: 131.69 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

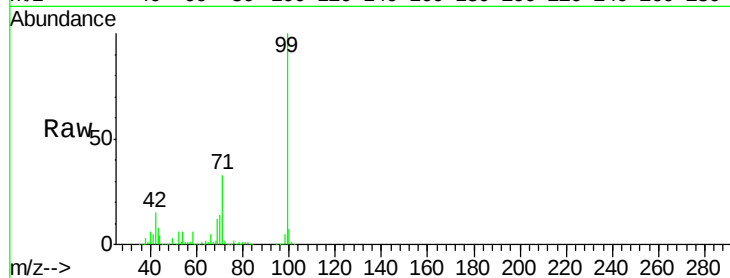
Tgt Ion: 99 Resp: 1009188

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

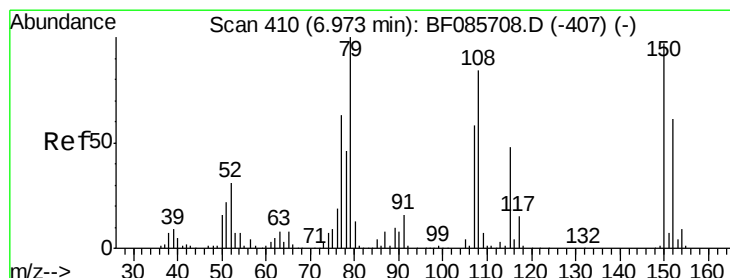
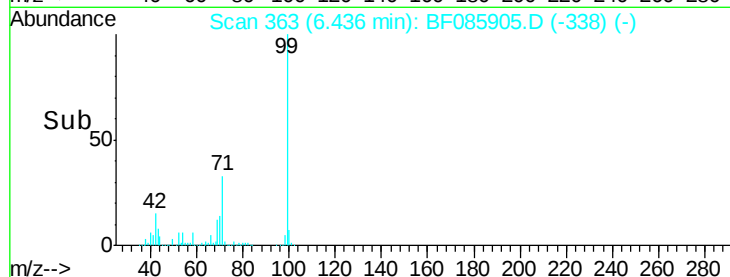
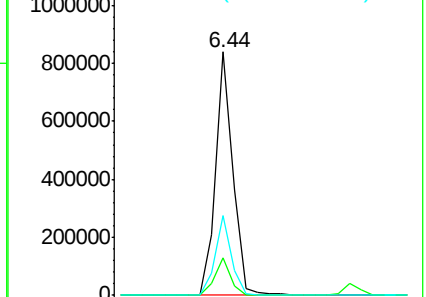
71 33.0 24.9 37.3



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: 2.06 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

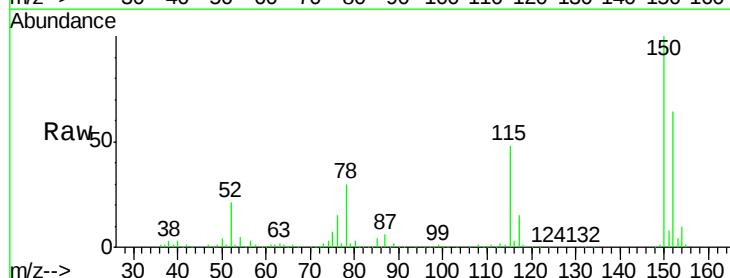
Tgt Ion: 79 Resp: 10510

Ion Ratio Lower Upper

79 100

108 30.0 61.8 92.6#

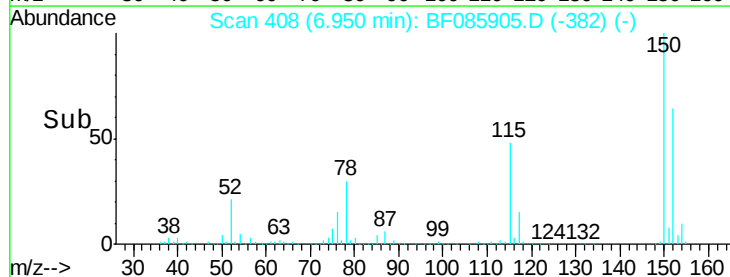
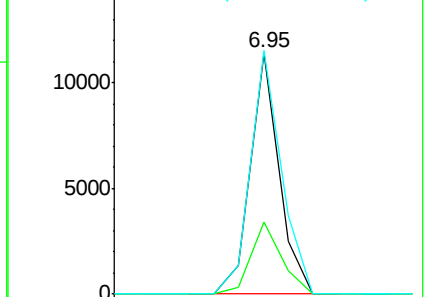
77 100.8 49.6 74.4#

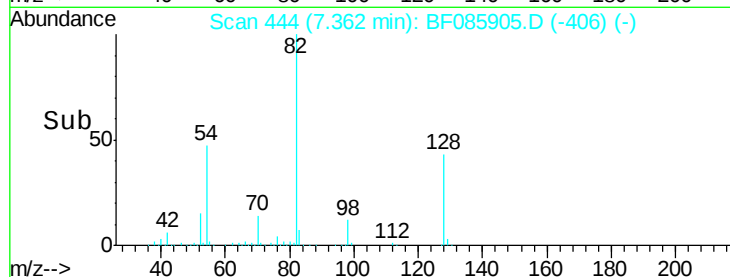
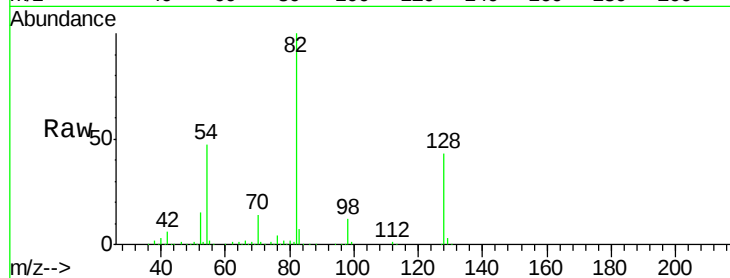
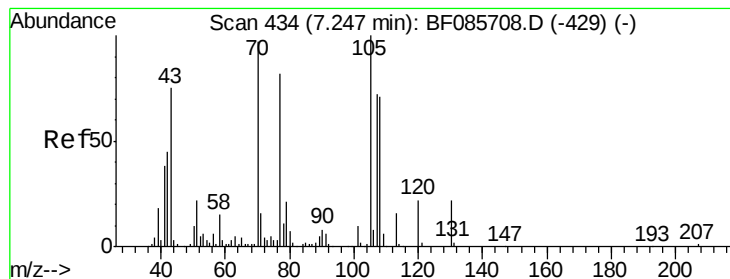


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.08 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

Tgt Ion: 70 Resp: 82954

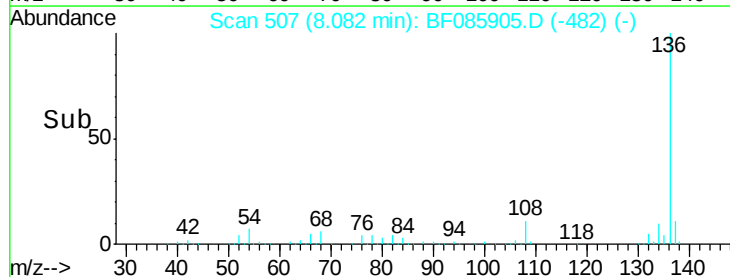
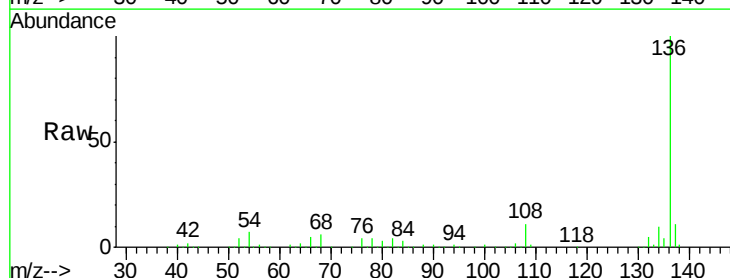
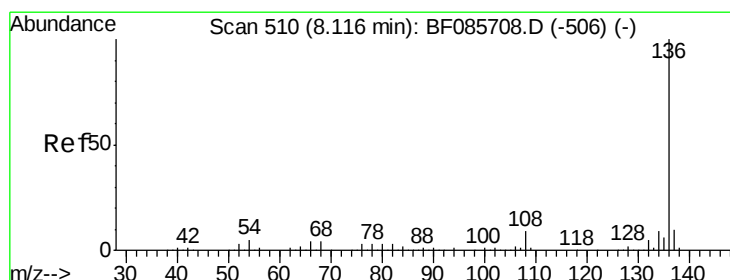
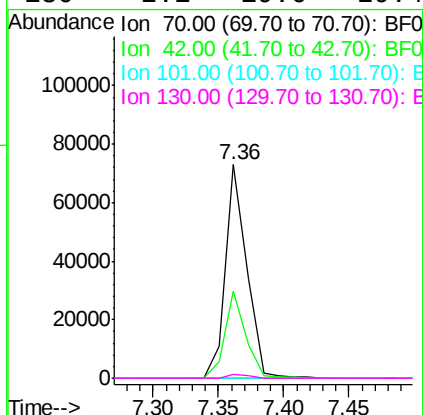
Ion Ratio Lower Upper

70 100

42 40.9 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: BF085905.D

Acq: 31 Mar 2016 2:04

Tgt Ion: 136 Resp: 407031

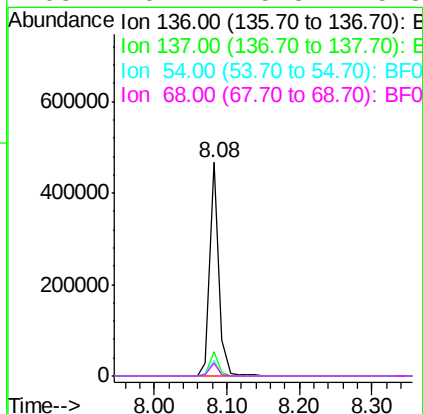
Ion Ratio Lower Upper

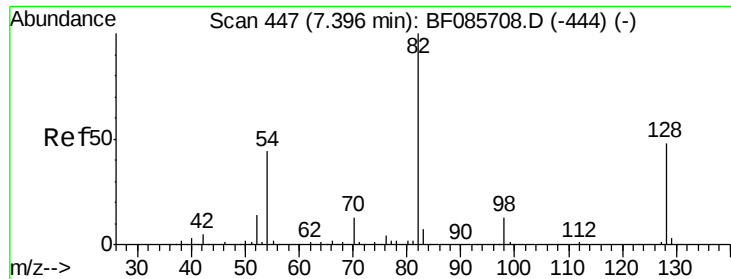
136 100

137 11.2 9.1 13.7

54 7.4 7.4 11.0

68 6.1 5.8 8.8

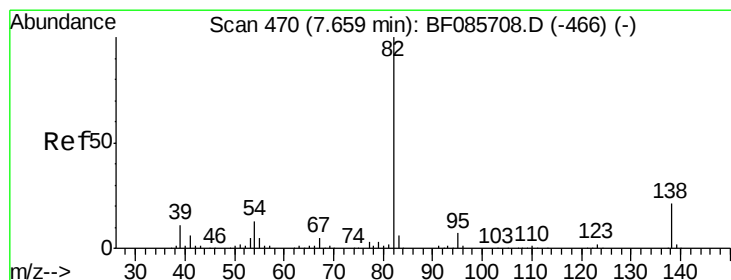
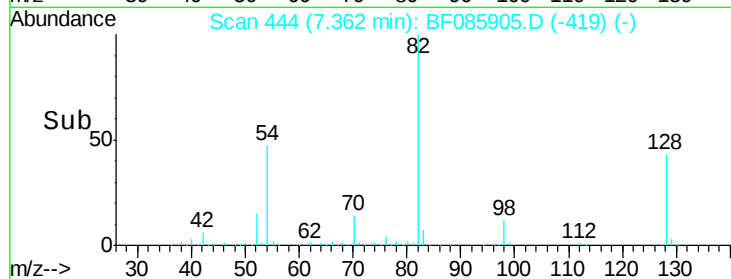
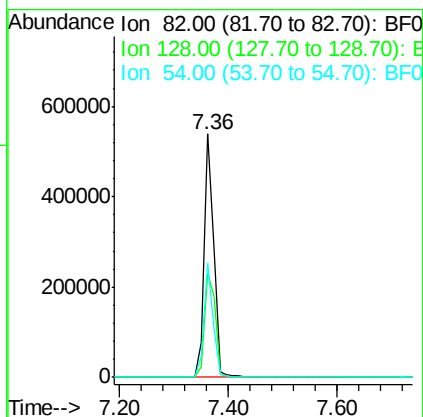
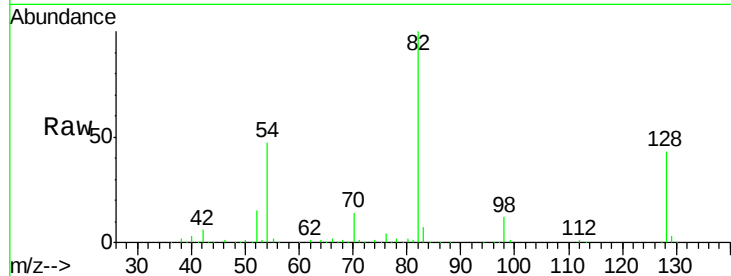




#23
 Nitrobenzene-d5
 Concen: 89.30 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

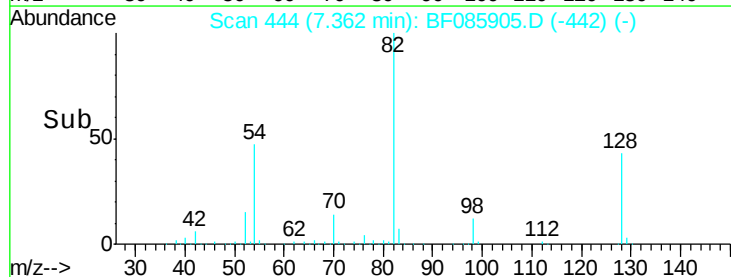
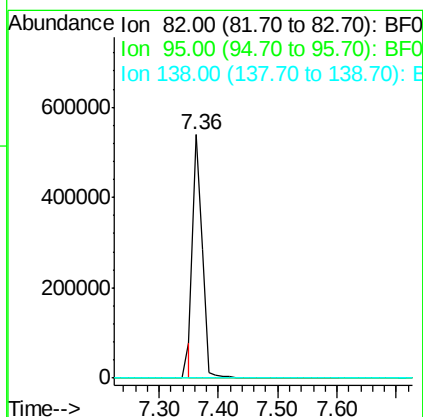
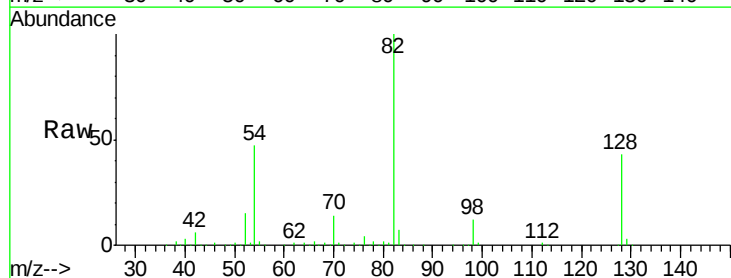
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

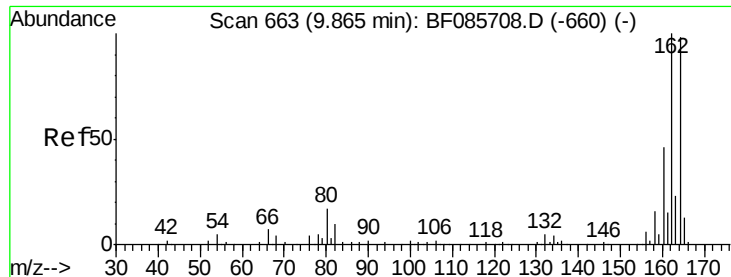
Tgt Ion: 82 Resp: 645482
 Ion Ratio Lower Upper
 82 100
 128 42.7 41.8 62.8
 54 46.8 33.4 50.0



#25
 Isophorone
 Concen: 42.48 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion: 82 Resp: 591535
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

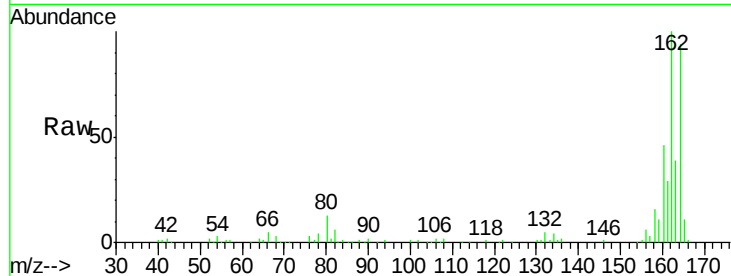




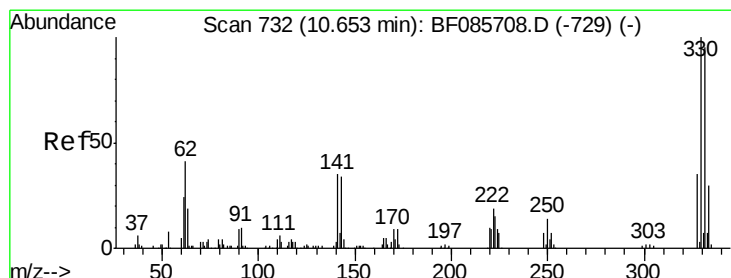
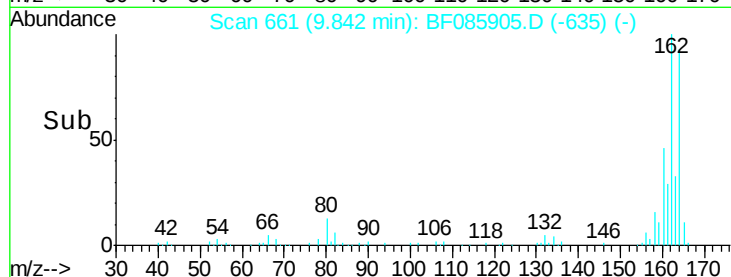
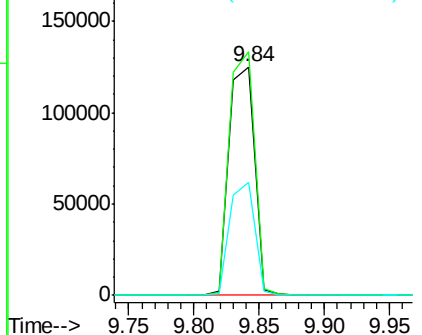
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085905.D
Acq: 31 Mar 2016 2:04

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-END-12BGL

Tgt Ion:164 Resp: 171517
Ion Ratio Lower Upper
164 100
162 106.6 82.1 123.1
160 49.4 37.4 56.2

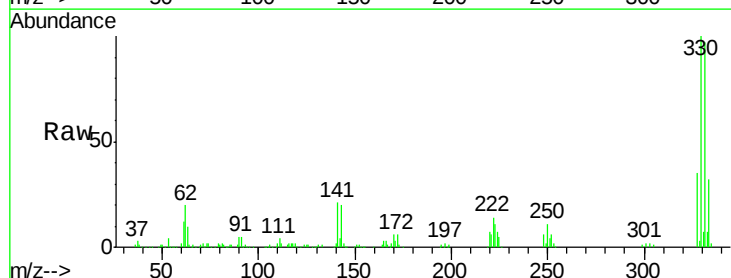


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

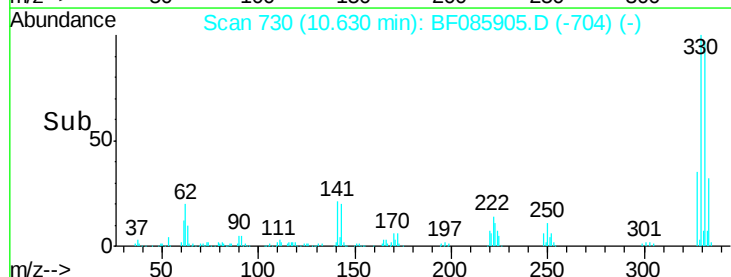
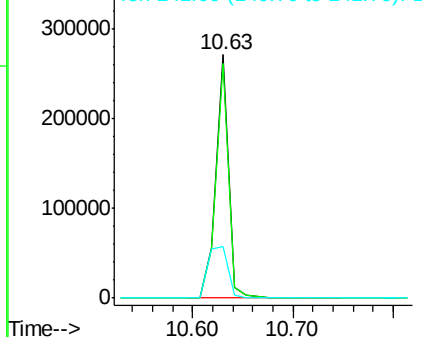


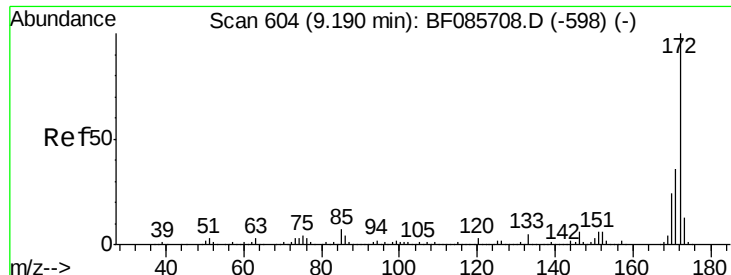
#41
2,4,6-Tribromophenol
Concen: 146.58 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF085905.D
Acq: 31 Mar 2016 2:04

Tgt Ion:330 Resp: 238867
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 34.7 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

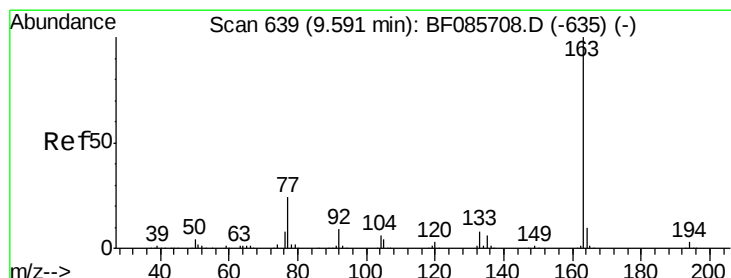
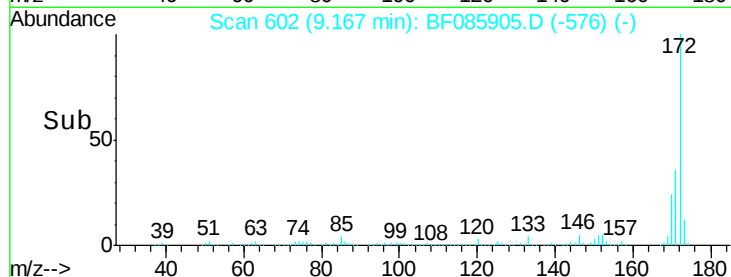
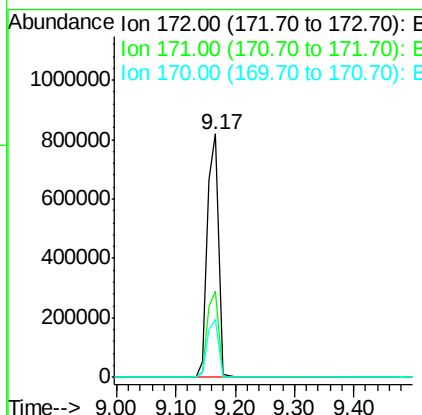
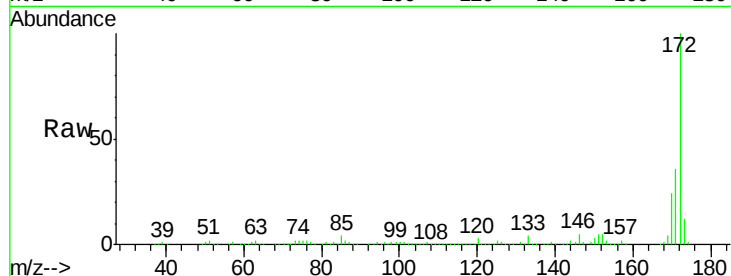




#44
 2-Fluorobiphenyl
 Concen: 104.81 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

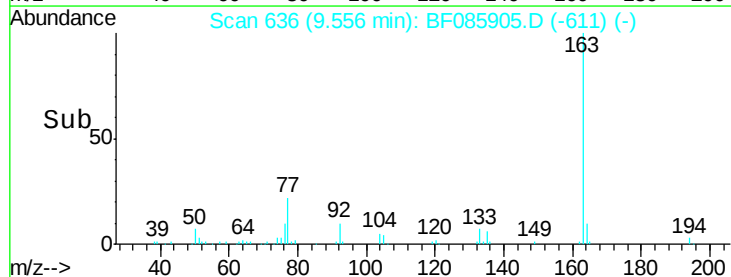
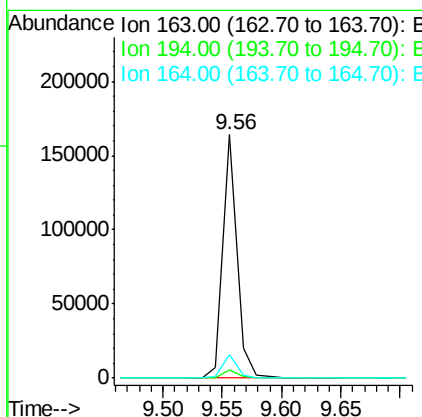
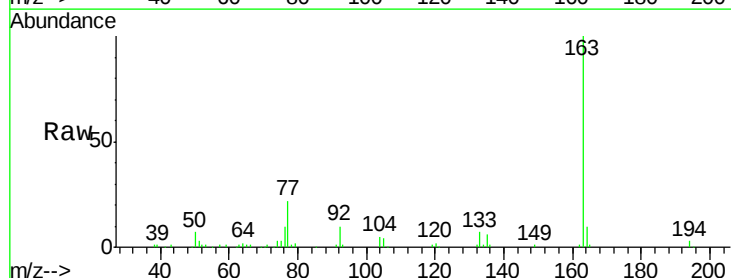
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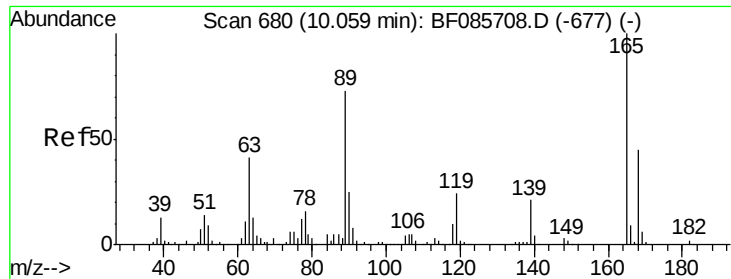
Tgt Ion:172 Resp: 1075997
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.1 19.8 29.6



#49
 Dimethylphthalate
 Concen: 10.31 ng
 RT: 9.56 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion:163 Resp: 134174
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 9.9 8.3 12.5

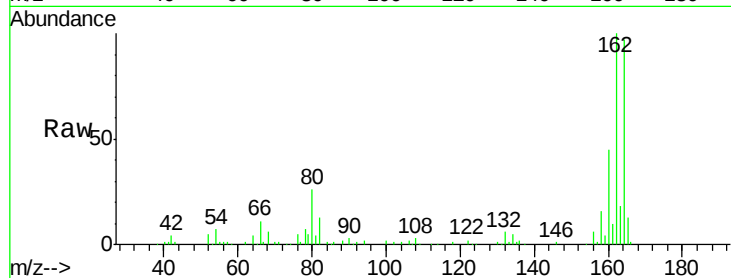




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Tgt Ion:	165	Resp:	21204
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#

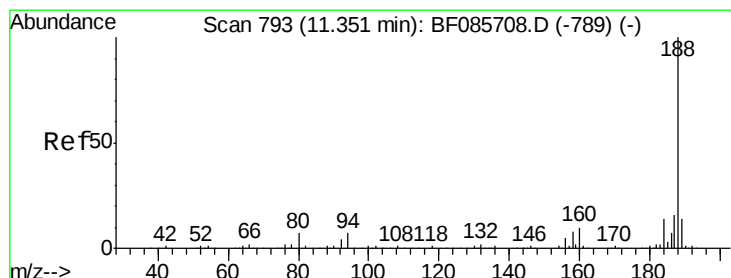
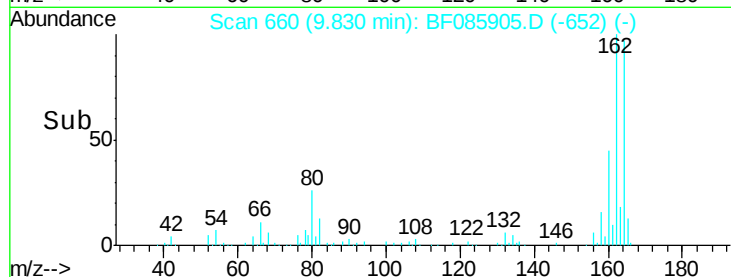
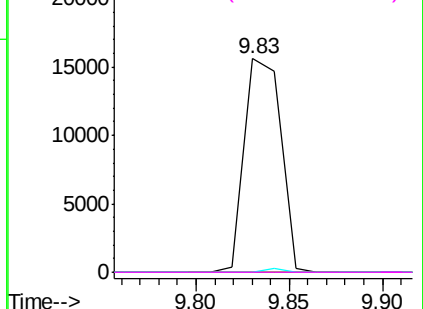


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

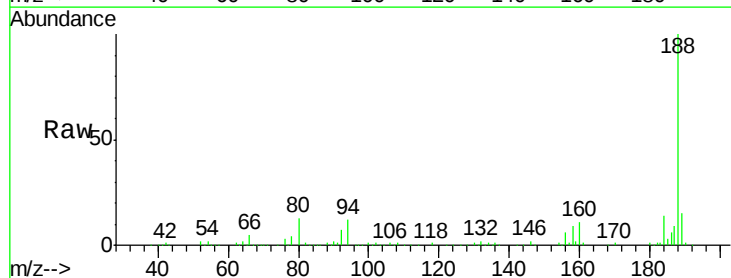
Ion 89.00 (88.70 to 89.70): BF0

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: BF085905.D
 Acq: 31 Mar 2016 2:04

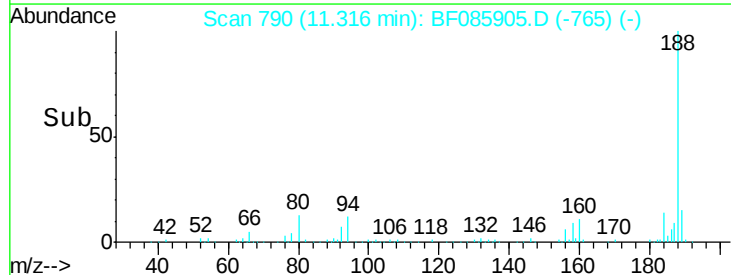
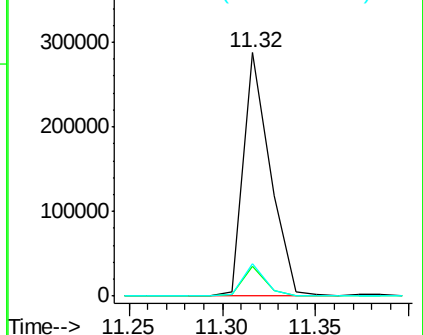
Tgt Ion:	188	Resp:	287815
Ion Ratio	Lower	Upper	
188	100		
94	12.3	5.4	8.0#
80	13.2	5.5	8.3#

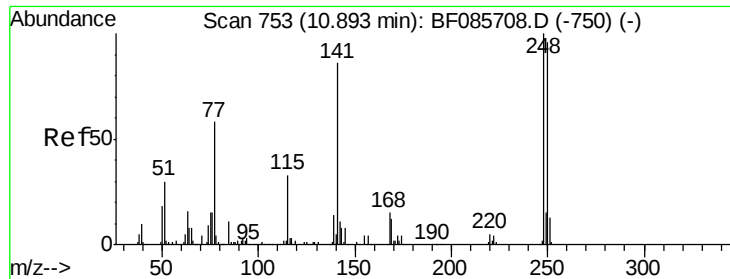


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

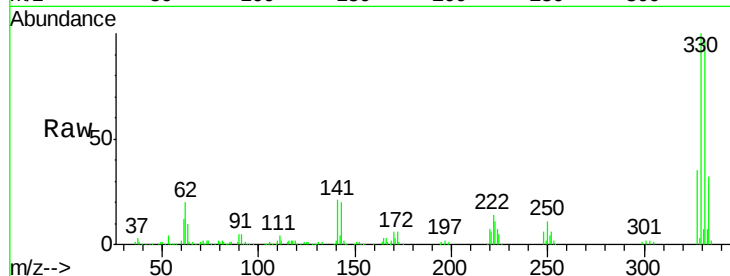




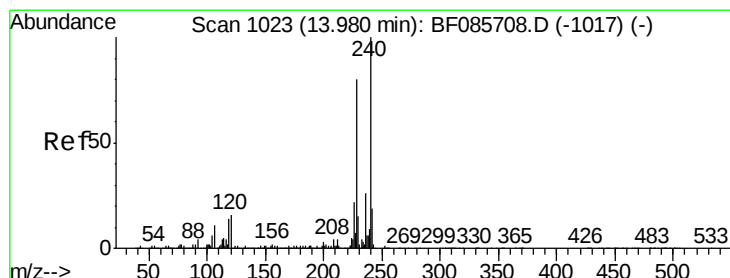
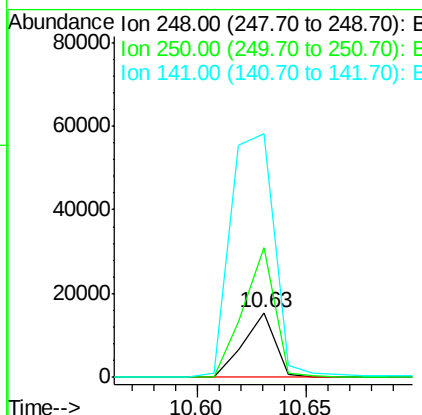
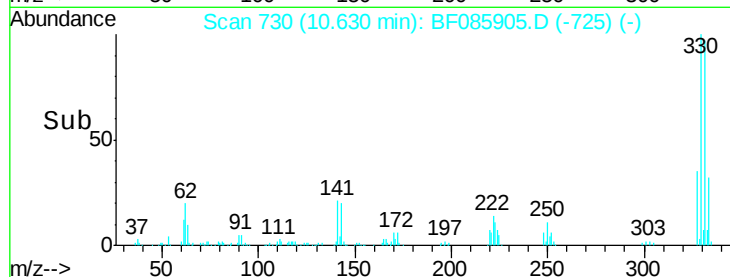
#66
 4-Bromophenyl-phenylether
 Concen: 5.28 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Tgt Ion:248 Resp: 15542
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.4 116.0#
 141 376.1 63.6 95.4#

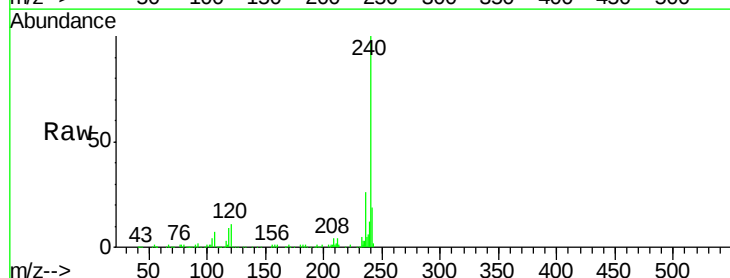


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

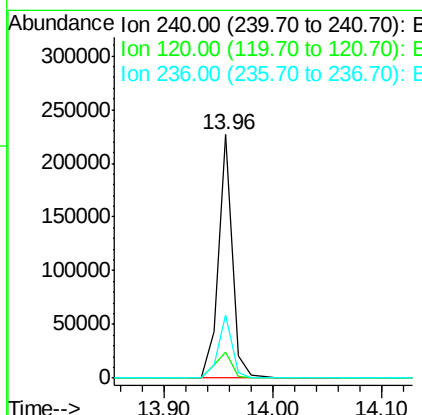
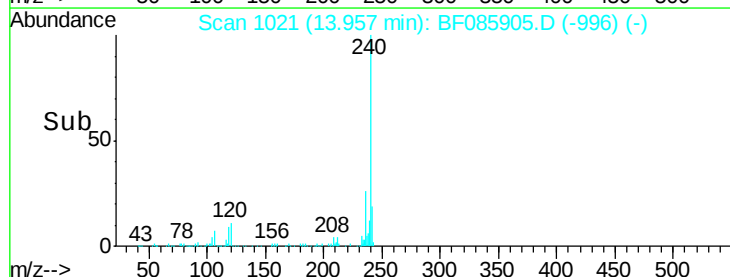


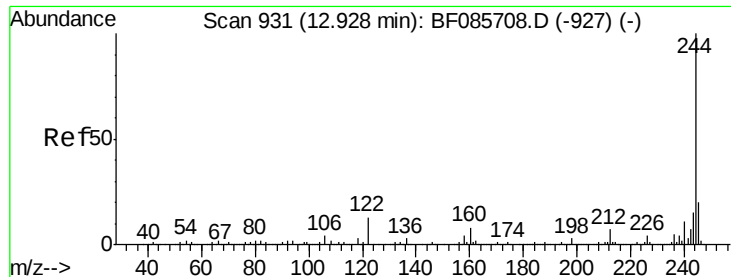
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion:240 Resp: 203668
 Ion Ratio Lower Upper
 240 100
 120 10.8 13.8 20.8#
 236 26.1 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

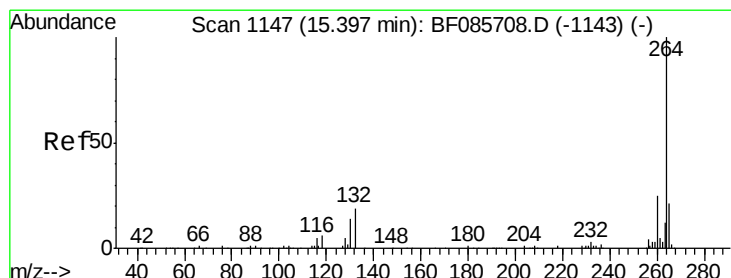
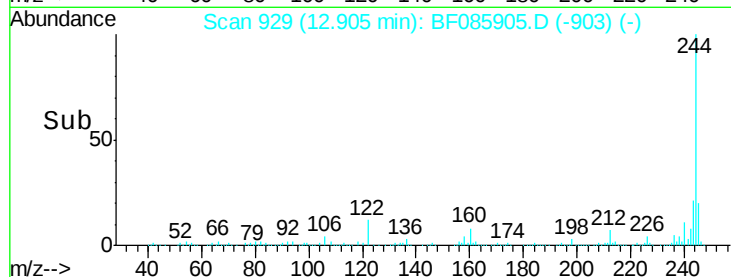
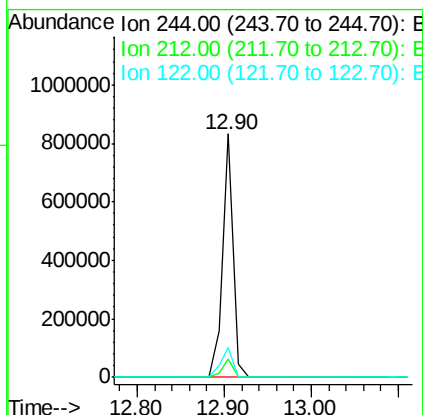
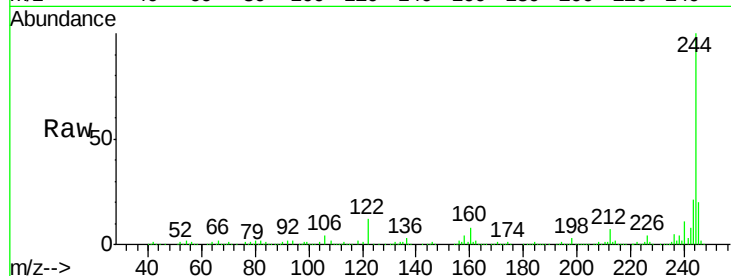




#78
 Terphenyl-d14
 Concen: 72.57 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Tgt Ion:244 Resp: 718723
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.4 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: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion:264 Resp: 201446
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.6 17.2 25.8

