

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085805.D
 Acq On : 28 Mar 2016 16:57
 Operator : UM/SJ
 Sample : H1941-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Quant Time: Mar 29 03:34:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

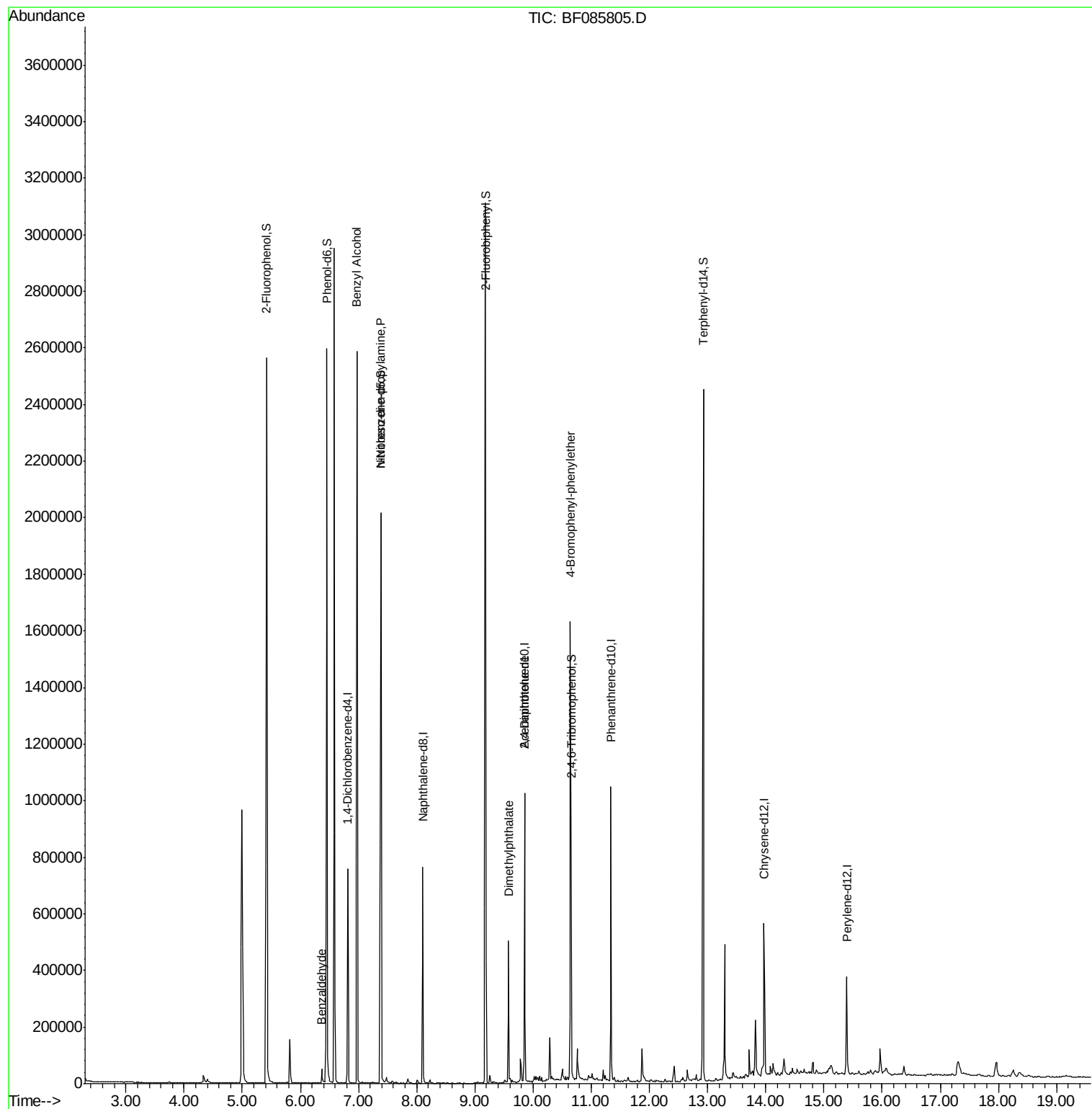
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107998	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	431210	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	190580	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	358532	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	212816	20.00	ng	-0.01
86) Perylene-d12	15.40	264	183155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	812162	125.24	ng	0.01
7) Phenol-d6	6.46	99	1184912	143.71	ng	0.00
23) Nitrobenzene-d5	7.38	82	737296	96.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	268675	148.38	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	974547	85.44	ng	-0.01
78) Terphenyl-d14	12.93	244	935112	90.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	15810	3.18	ng	Qvalue 96
15) Benzyl Alcohol	6.97	79	11816	2.15	ng	# 46
19) n-Nitroso-di-n-propylamine	7.38	70	99257	20.11	ng	# 77
49) Dimethylphthalate	9.58	163	233825	16.17	ng	98
56) 2,4-Dinitrotoluene	9.85	165	24970	6.31	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	16261	4.43	ng	# 1

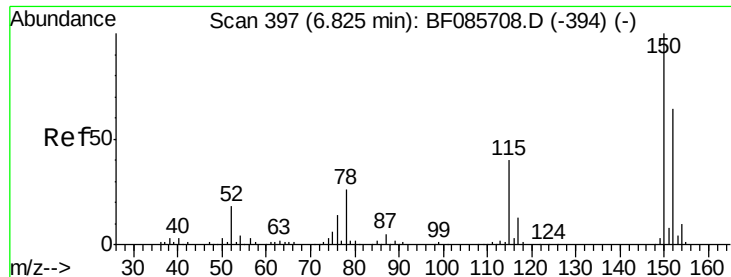
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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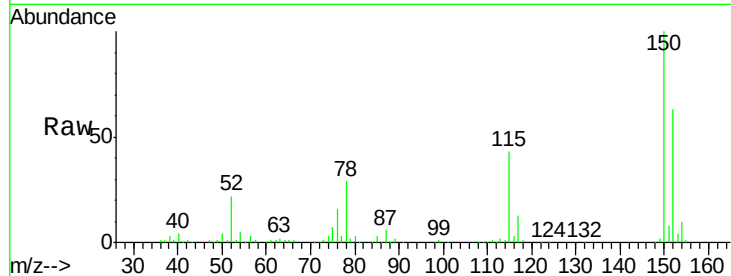




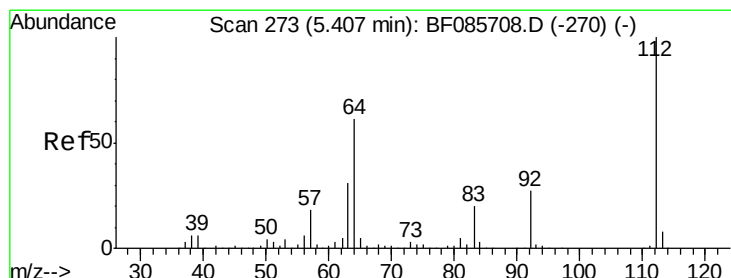
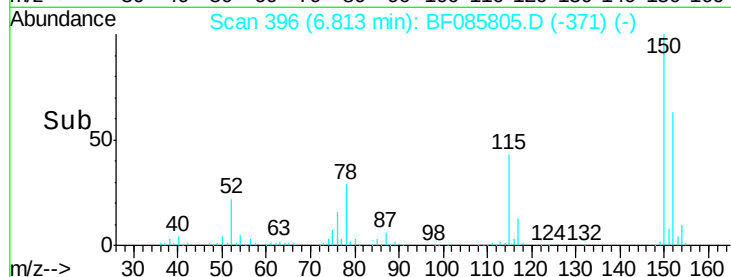
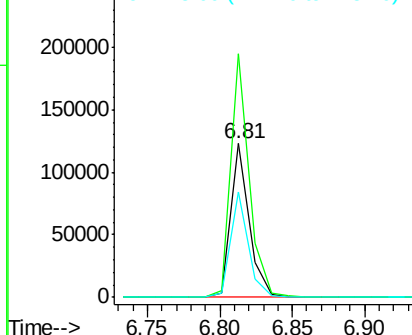
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion:152 Resp: 107998
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.2 186.2
 115 68.7 47.0 70.6

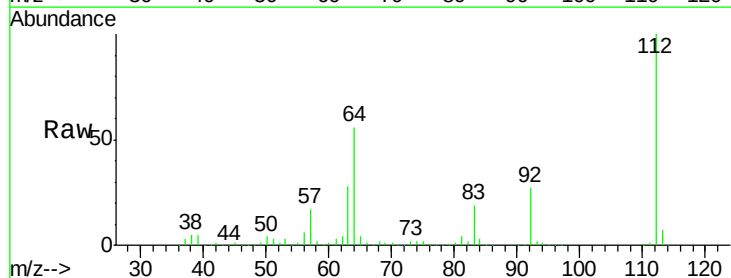


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

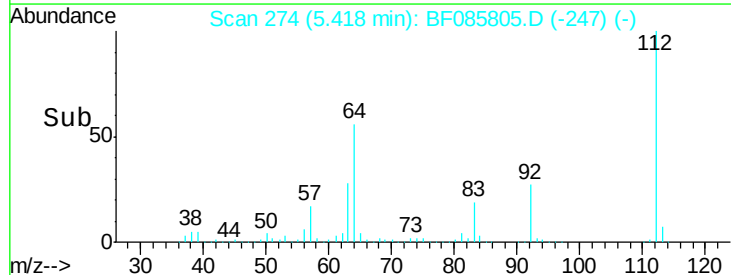
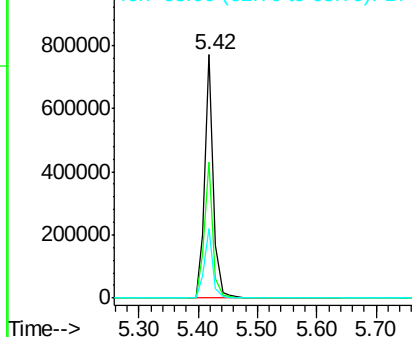


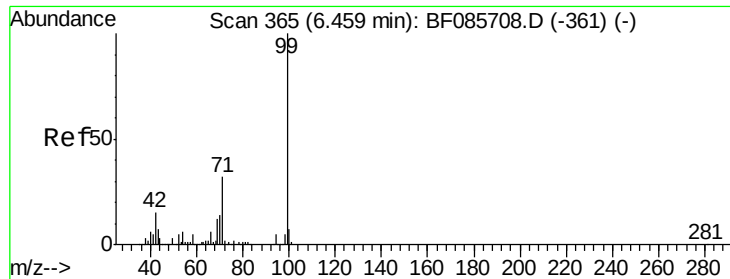
#5
 2-Fluorophenol
 Concen: 125.24 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Tgt Ion:112 Resp: 812162
 Ion Ratio Lower Upper
 112 100
 64 55.8 39.9 59.9
 63 28.4 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: 143.71 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

SP-8

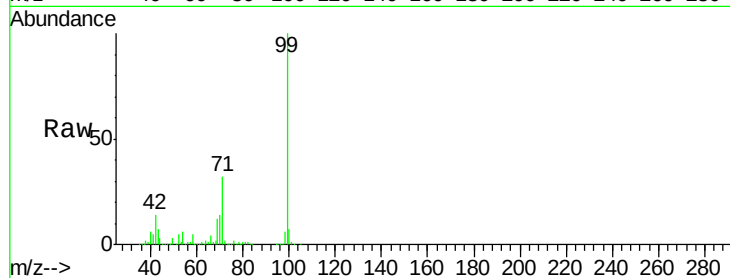
Tgt Ion: 99 Resp: 1184912

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

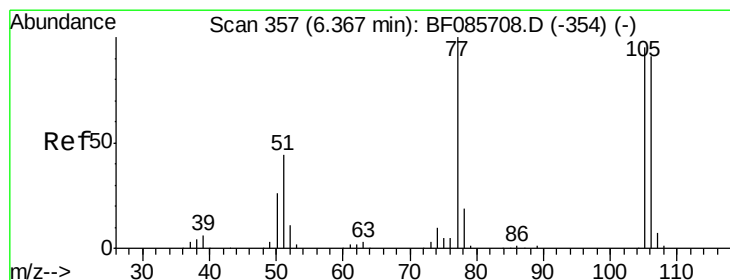
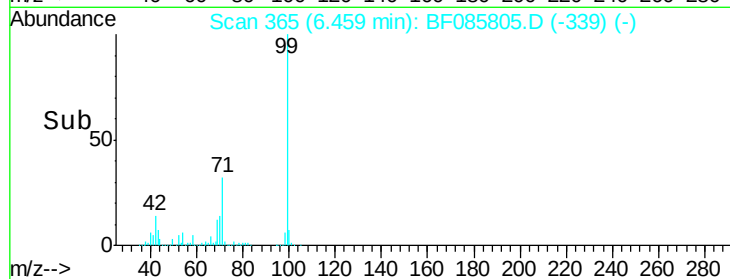
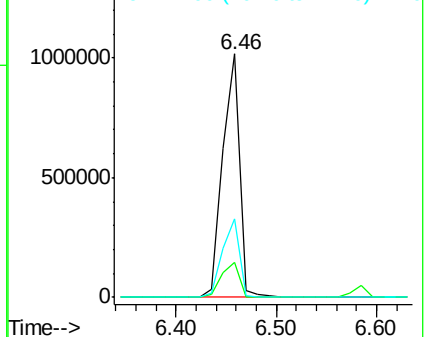
71 32.3 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.18 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

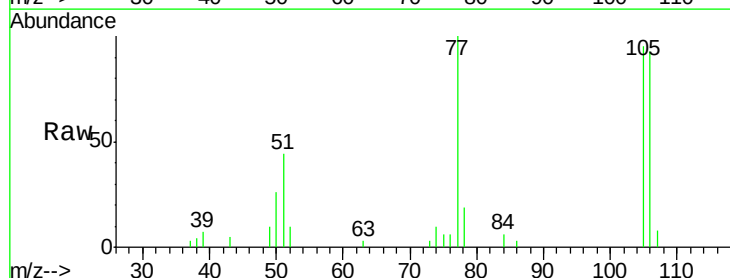
Tgt Ion: 77 Resp: 15810

Ion Ratio Lower Upper

77 100

105 95.1 80.1 120.1

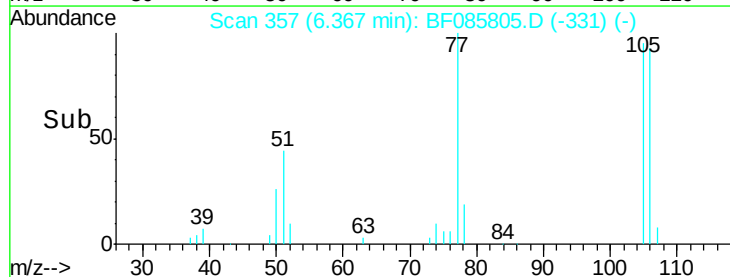
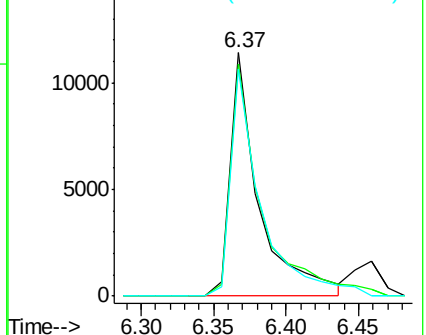
106 93.0 75.0 115.0

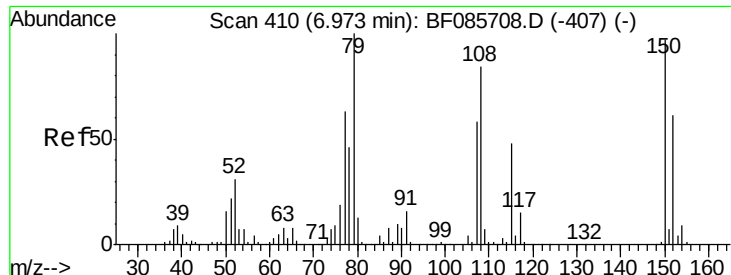


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

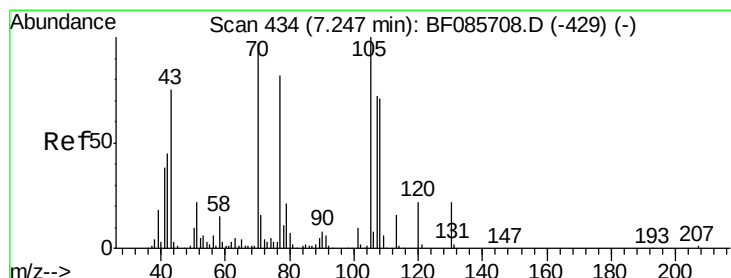
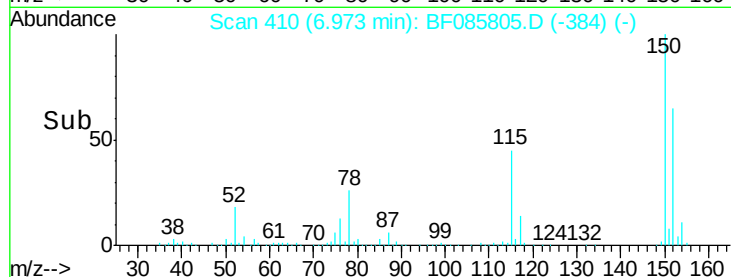
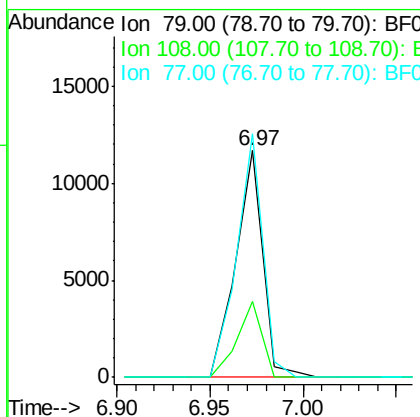
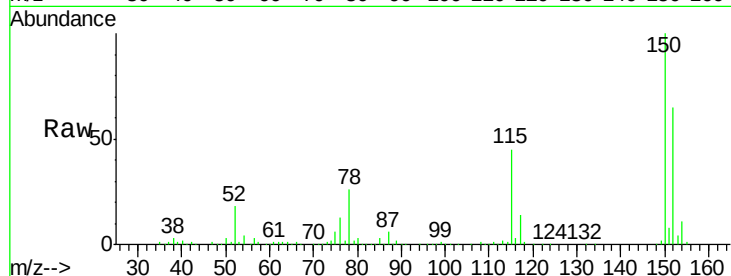




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

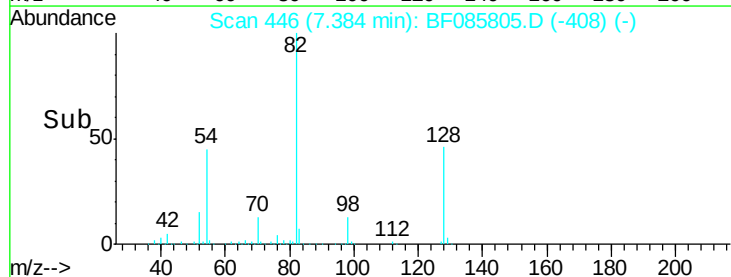
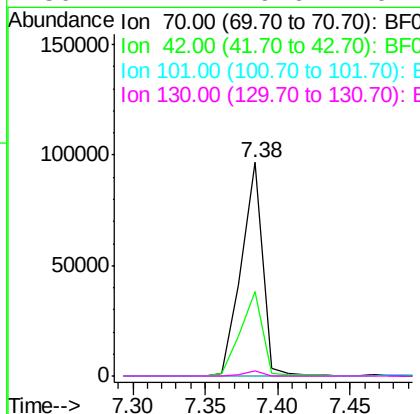
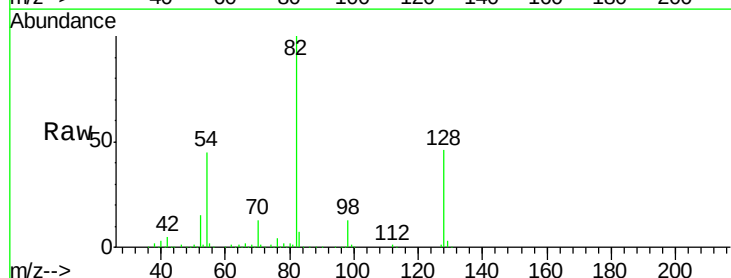
Instrument :
BNA_F
ClientSampleId :
SP-8

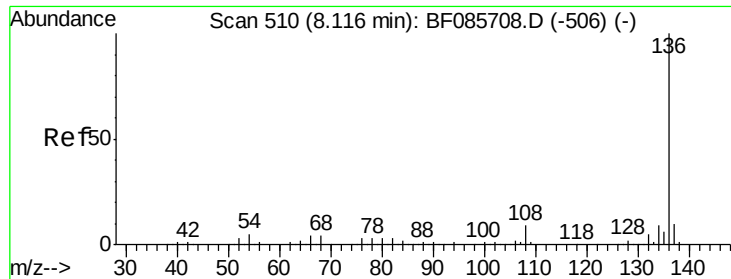
Tgt Ion: 79 Resp: 11816
Ion Ratio Lower Upper
79 100
108 33.3 61.8 92.6#
77 107.6 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.11 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion: 70 Resp: 99257
Ion Ratio Lower Upper
70 100
42 39.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#

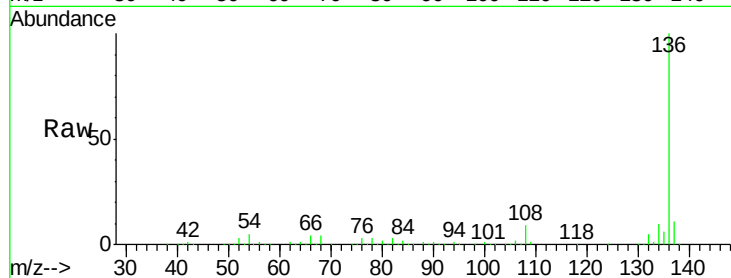




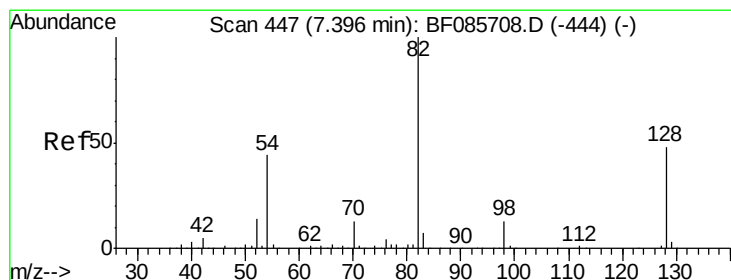
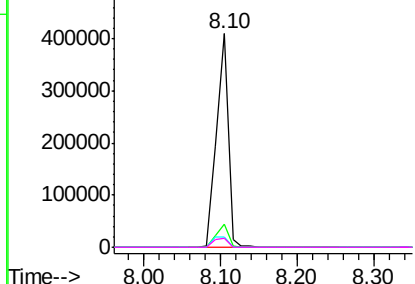
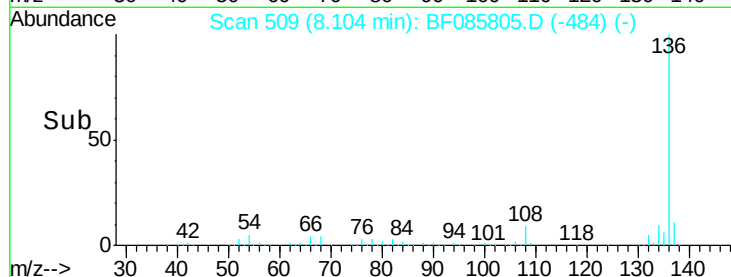
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:	136	Resp:	431210
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#

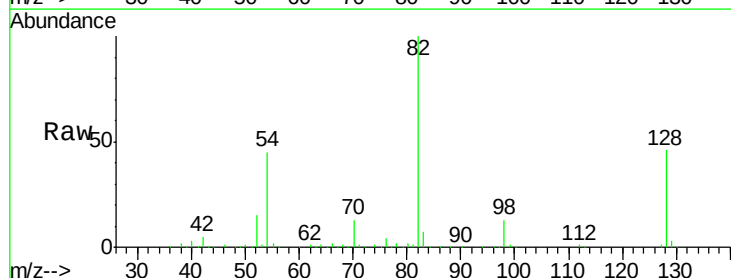


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

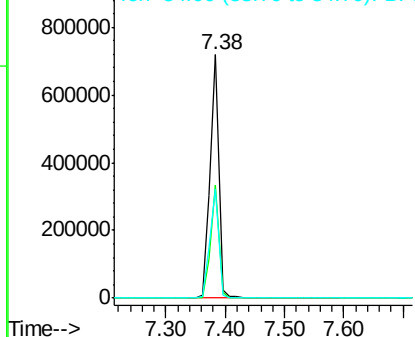
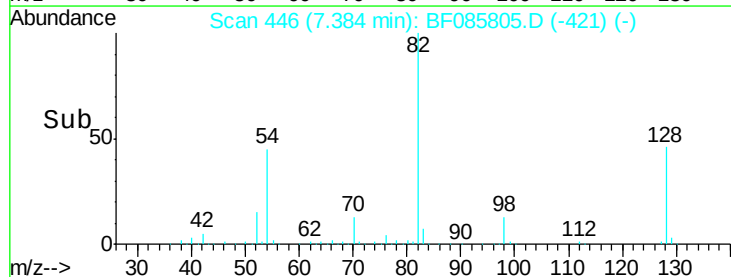


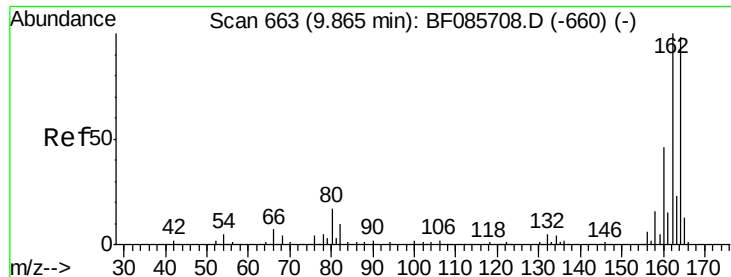
#23
Nitrobenzene-d5
Concen: 96.29 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085805.D
Acq: 28 Mar 2016 16:57

Tgt Ion:	82	Resp:	737296
Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	45.0	33.4	50.0



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: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

SP-8

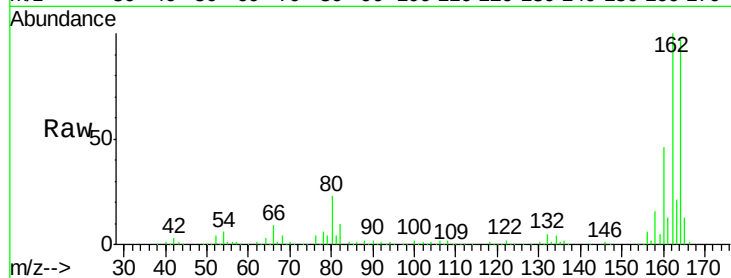
Tgt Ion:164 Resp: 190580

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

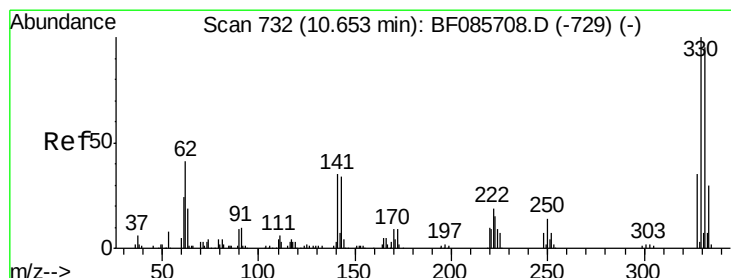
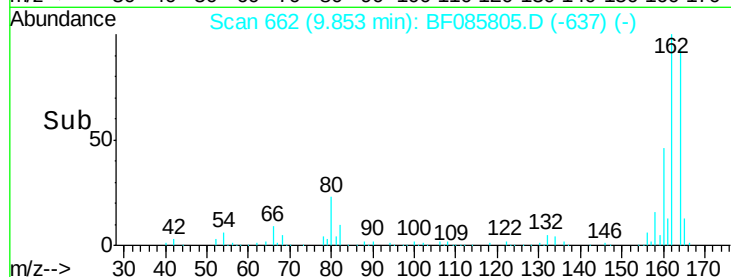
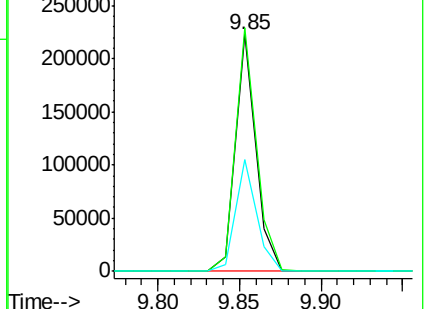
160 47.4 37.4 56.2



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: 148.38 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085805.D

Acq: 28 Mar 2016 16:57

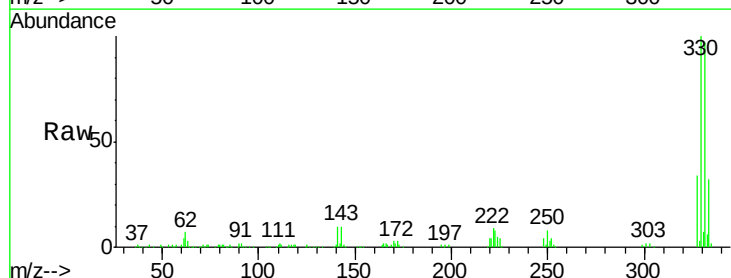
Tgt Ion:330 Resp: 268675

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

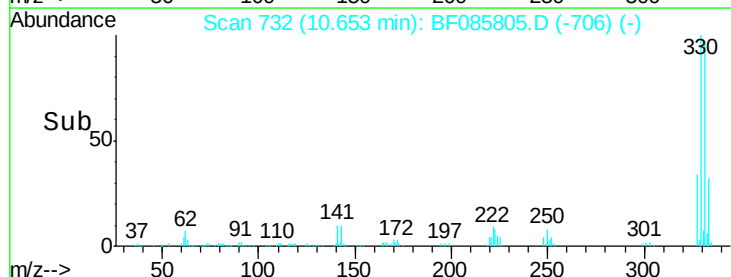
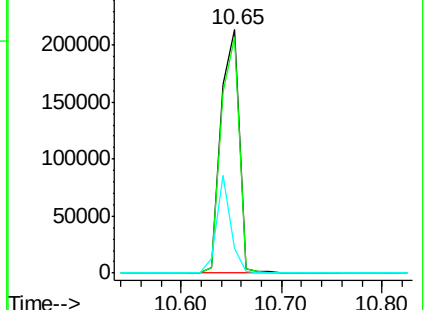
141 31.5 31.5 47.3#

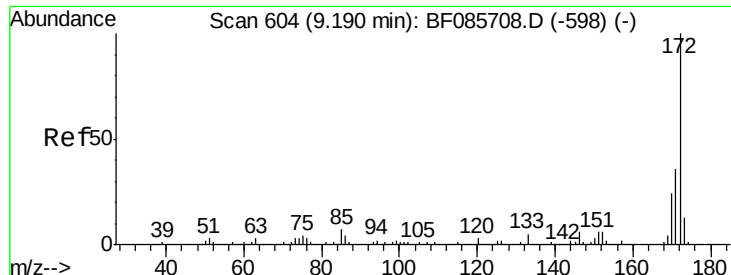


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

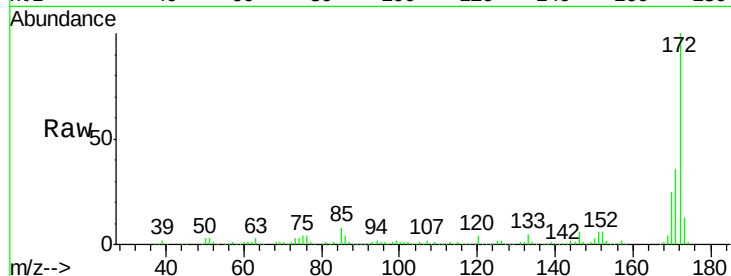




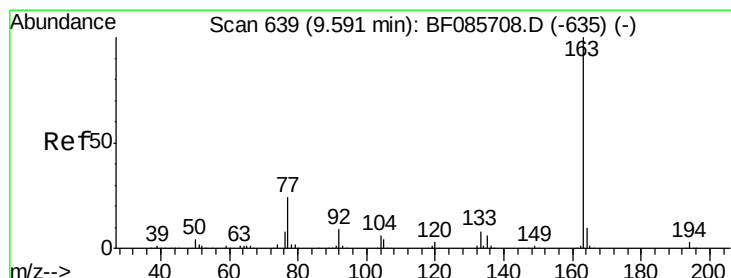
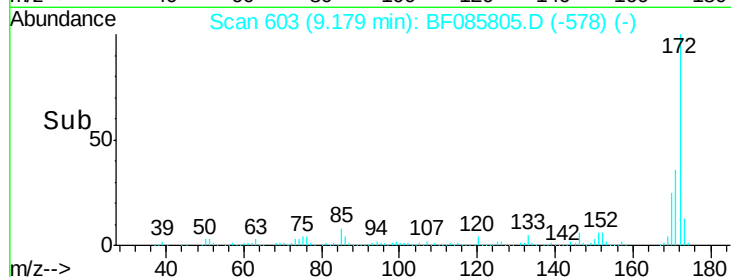
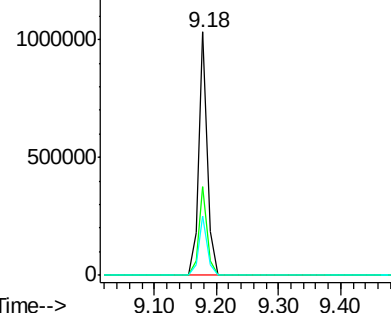
#44
 2-Fluorobiphenyl
 Concen: 85.44 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampled :
 SP-8

Tgt Ion:172 Resp: 974547
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.5 19.8 29.6

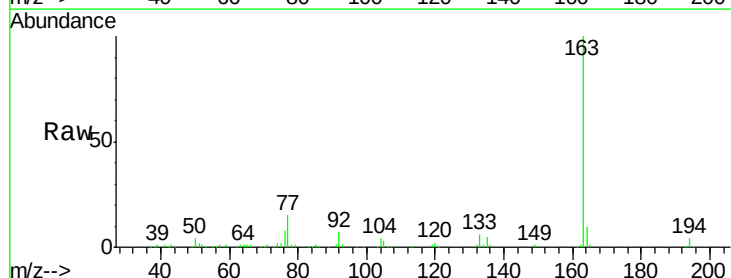


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

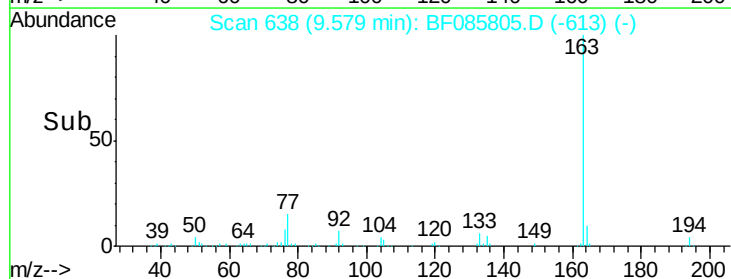
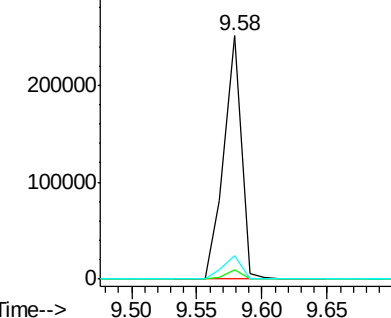


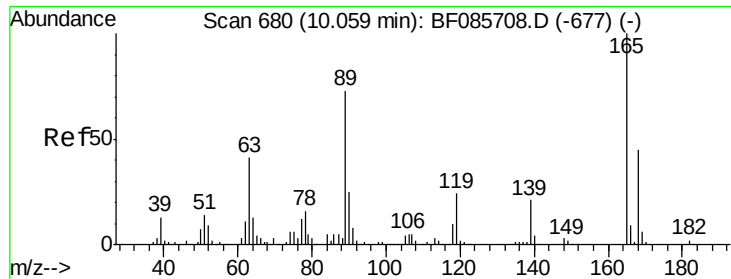
#49
 Dimethylphthalate
 Concen: 16.17 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Tgt Ion:163 Resp: 233825
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

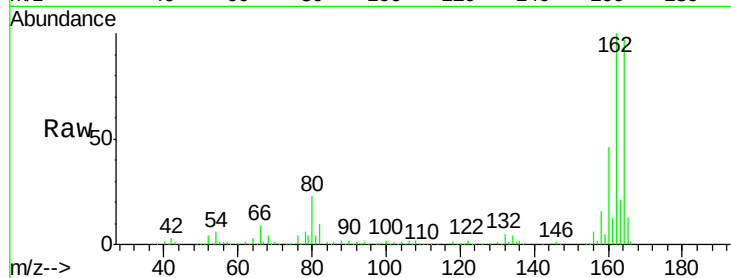




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

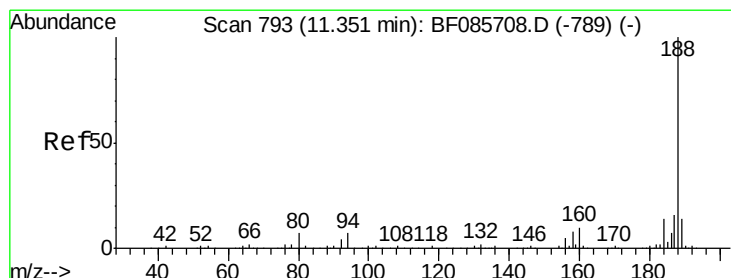
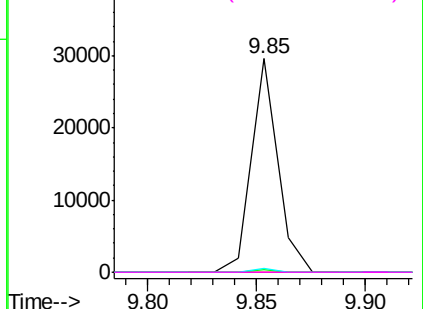
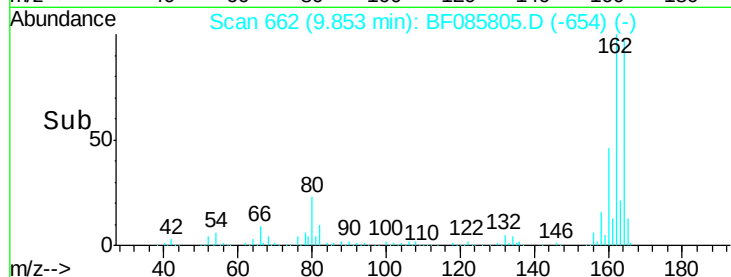


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

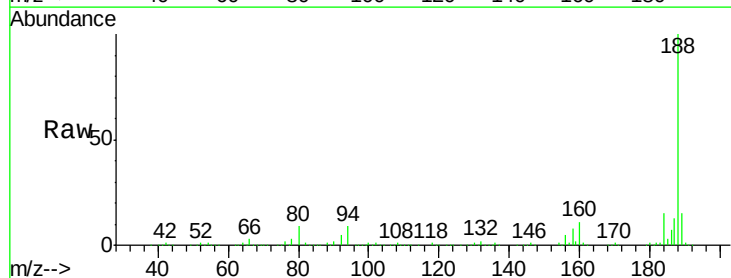
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

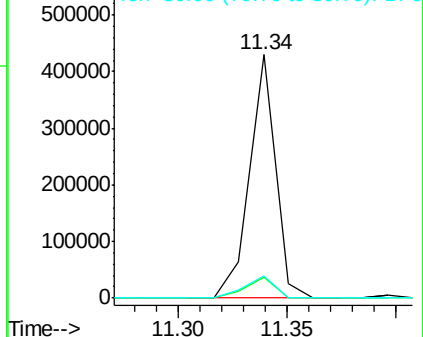
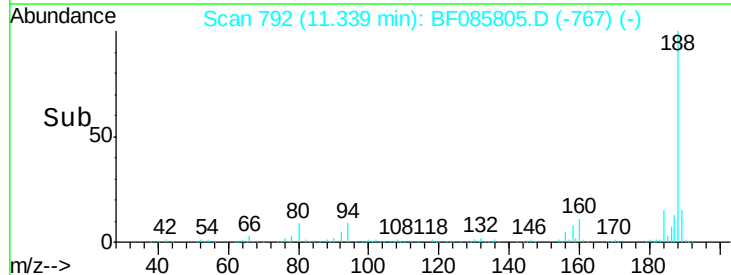
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.4	8.0#
80	9.3	5.5	8.3#

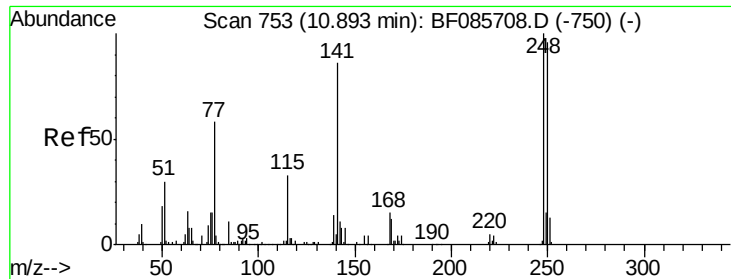


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

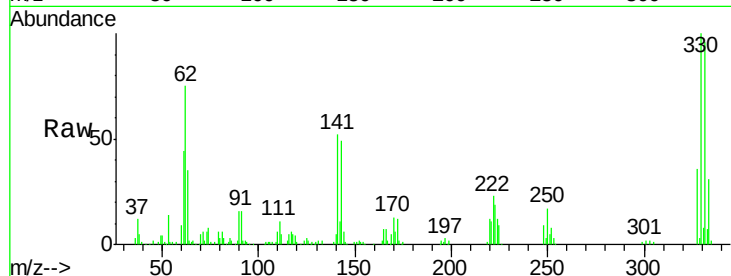




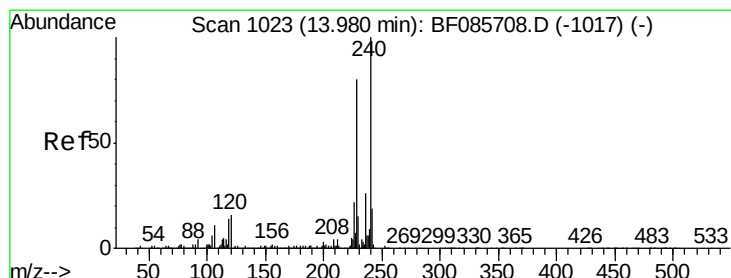
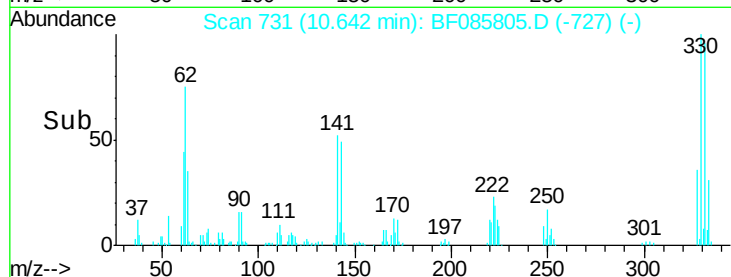
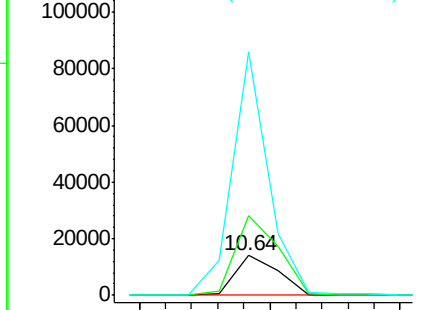
#66
 4-Bromophenyl-phenylether
 Concen: 4.43 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion:248 Resp: 16261
 Ion Ratio Lower Upper
 248 100
 250 198.7 77.4 116.0#
 141 610.0 63.6 95.4#

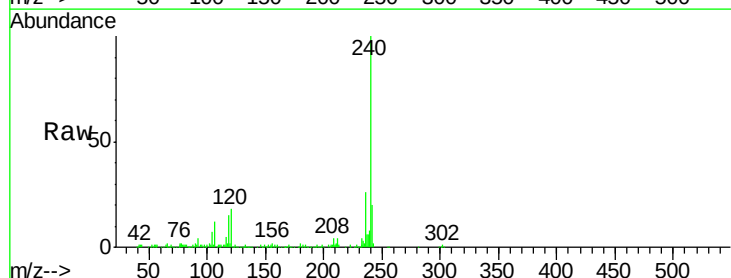


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

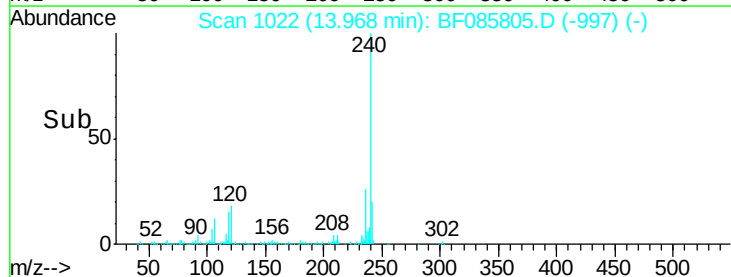
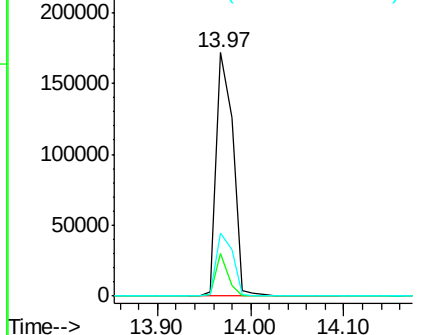


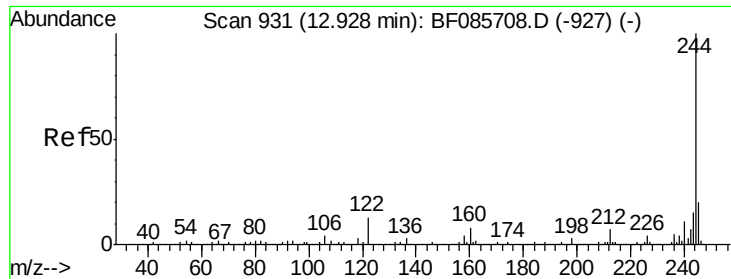
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Tgt Ion:240 Resp: 212816
 Ion Ratio Lower Upper
 240 100
 120 17.6 13.8 20.8
 236 25.8 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

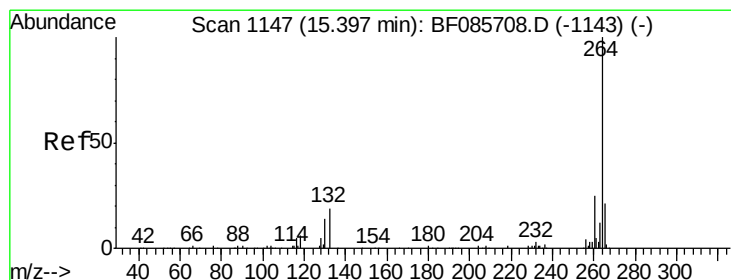
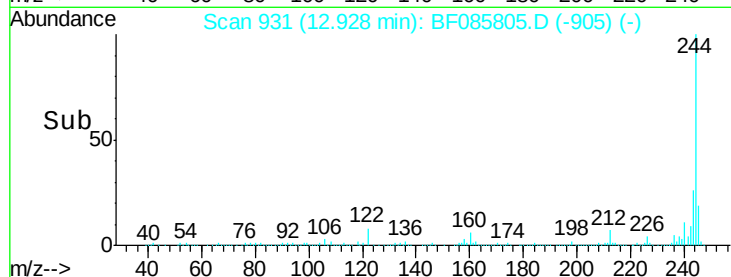
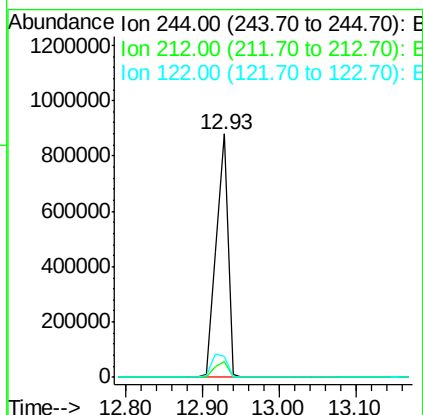
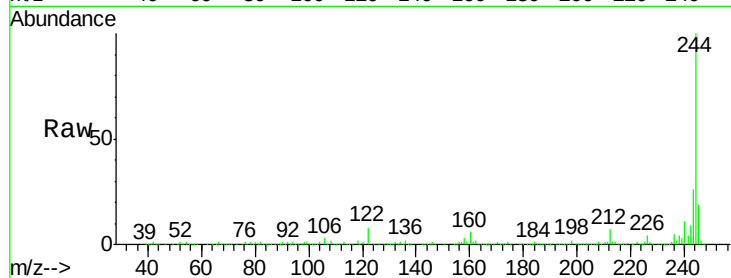




#78
 Terphenyl-d14
 Concen: 90.37 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampled :
 SP-8

Tgt Ion:244 Resp: 935112
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.5 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085805.D
 Acq: 28 Mar 2016 16:57

Tgt Ion:264 Resp: 183155
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.6 17.2 25.8

