

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085750.D
 Acq On : 25 Mar 2016 8:57
 Operator : UM/SJ
 Sample : H1885-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:10:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

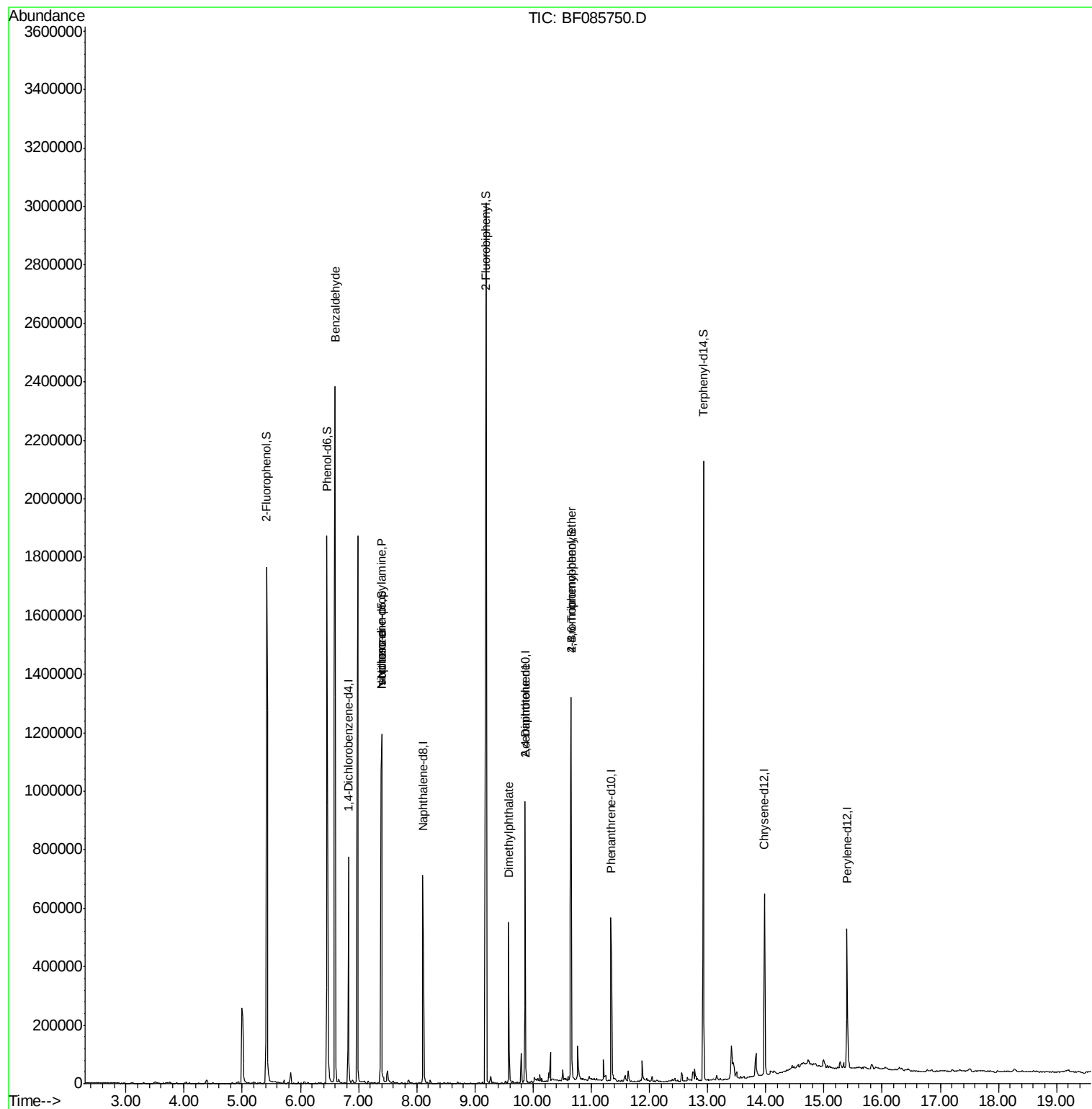
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112042	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	410817	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	186408	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	271286	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	210005	20.00	ng	0.00
86) Perylene-d12	15.40	264	206146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	722858	107.45	ng	0.01
7) Phenol-d6	6.46	99	885470	103.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	590010	80.88	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	174781	98.69	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1009058	90.44	ng	0.00
78) Terphenyl-d14	12.93	244	604647	59.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	17408	3.38	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.40	70	76324	14.90	ng	# 74
25) Isophorone	7.40	82	571485	40.67	ng	# 68
37) 2-Methylnaphthalene	8.82	142	1090	Below Cal		# 89
49) Dimethylphthalate	9.58	163	203520	14.39	ng	99
56) 2,4-Dinitrotoluene	9.86	165	23791	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	12047	4.34	ng	# 1

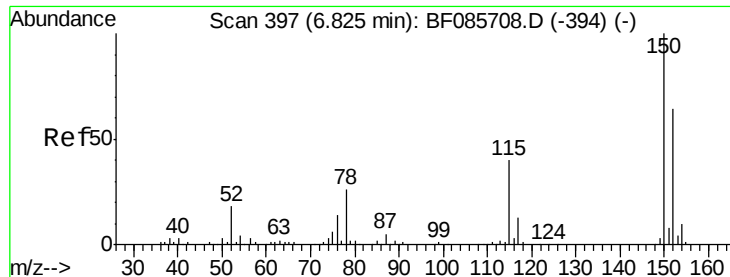
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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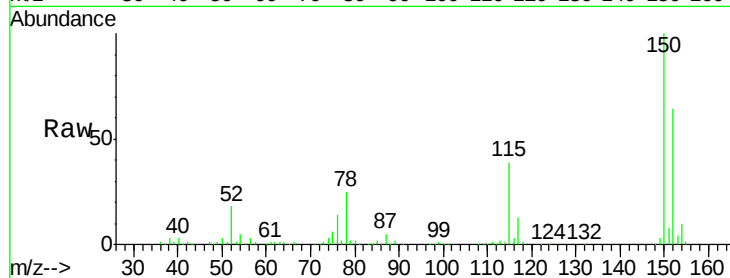


#1

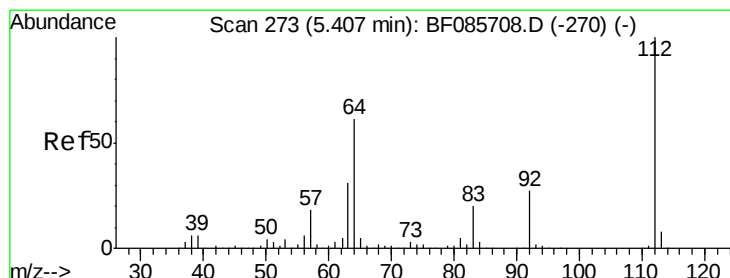
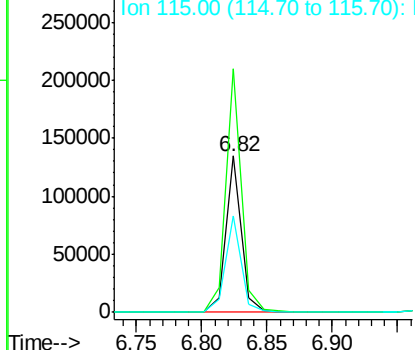
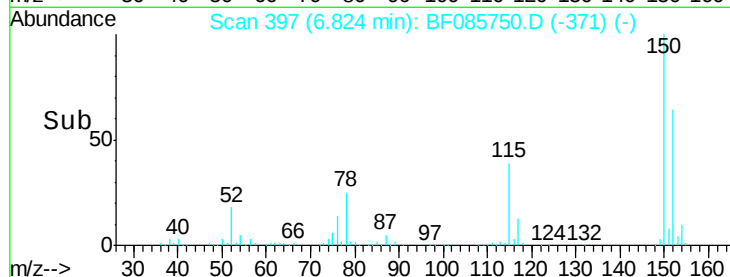
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112042
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 61.5 47.0 70.6



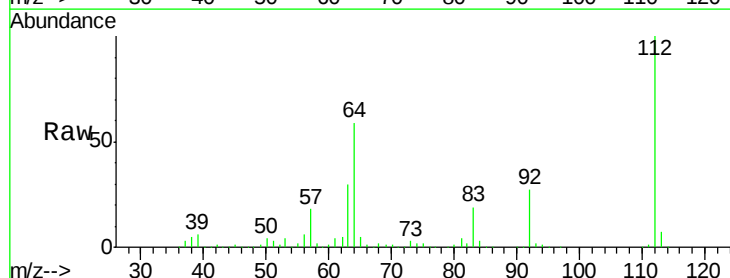
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



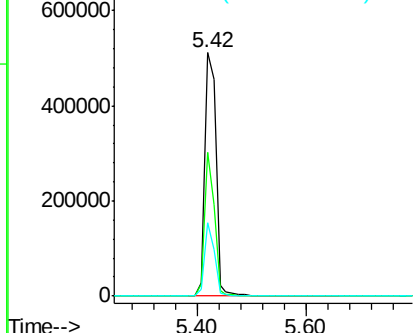
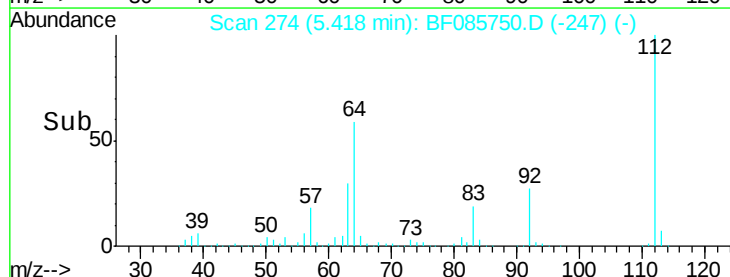
#5

2-Fluorophenol
Concen: 107.45 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Tgt Ion:112 Resp: 722858
Ion Ratio Lower Upper
112 100
64 59.2 39.9 59.9
63 30.2 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: 103.52 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085750.D

Acq: 25 Mar 2016 8:57

Instrument :

BNA_F

ClientSampled :

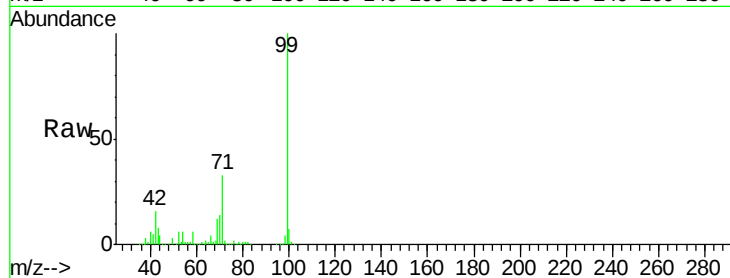
Tot Ion: 99 Resp: 885470

Ion Ratio Lower Upper

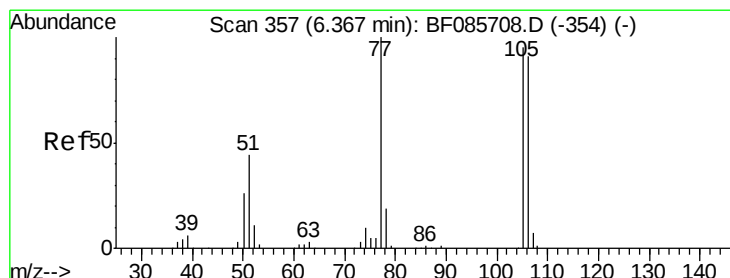
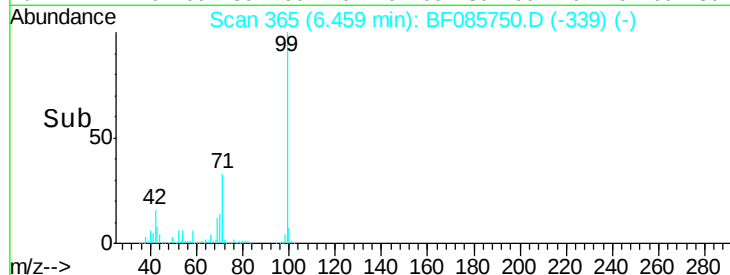
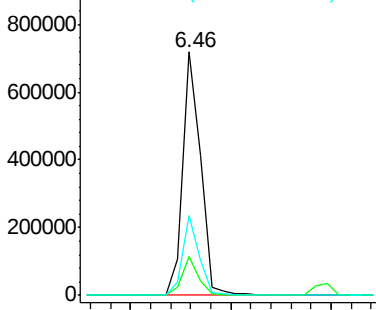
99 100

42 15.8 11.1 16.7

71 32.6 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: 3.38 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085750.D

Acq: 25 Mar 2016 8:57

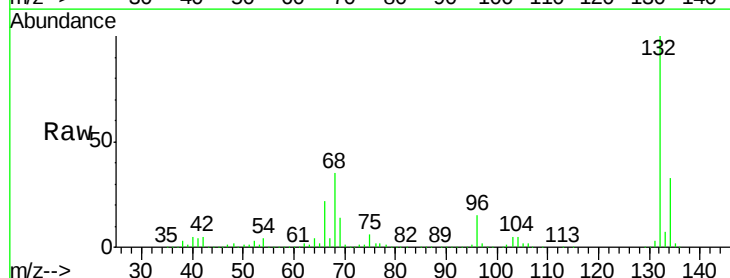
Tgt Ion: 77 Resp: 17408

Ion Ratio Lower Upper

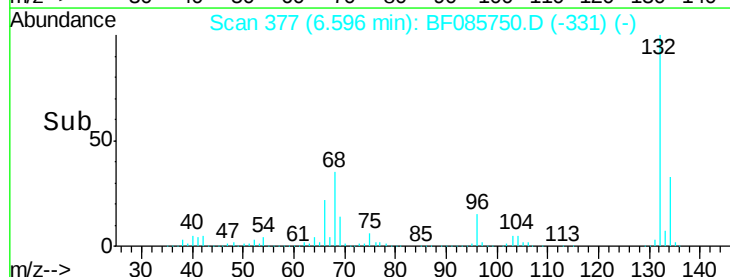
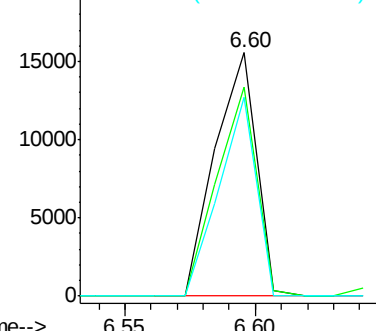
77 100

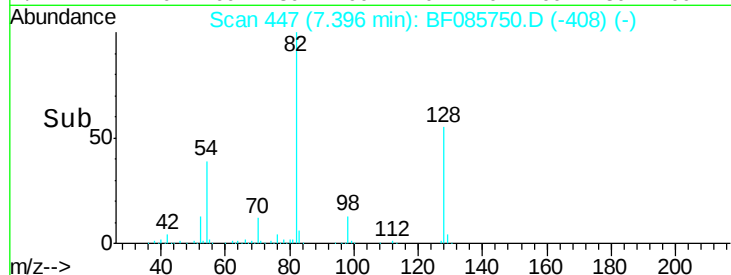
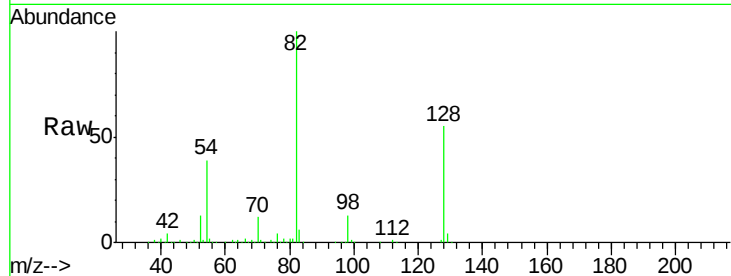
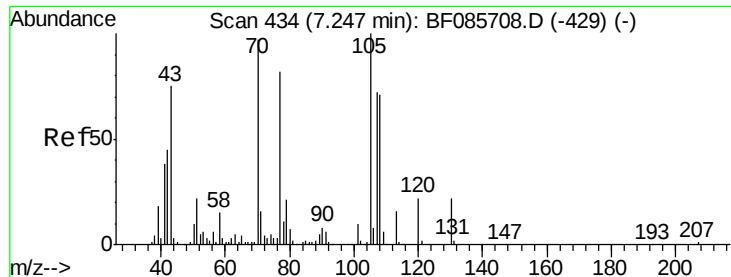
105 85.7 80.1 120.1

106 81.6 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

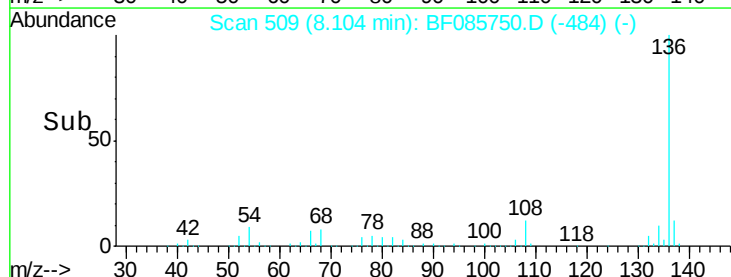
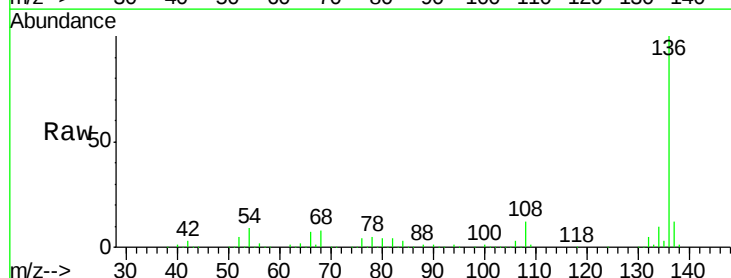
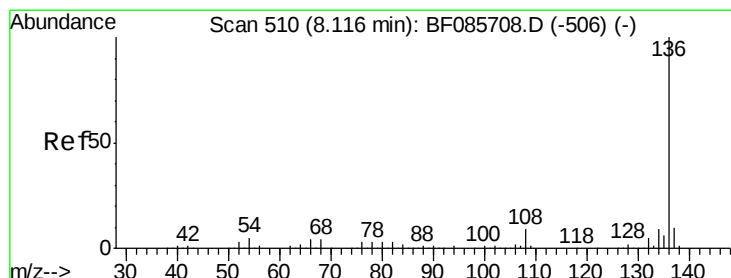
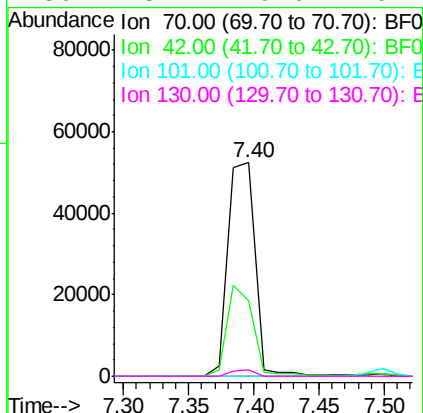




#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

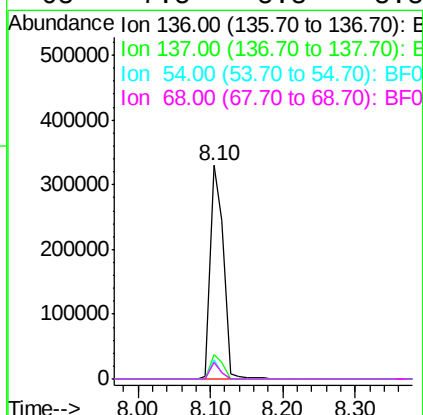
Instrument :
BNA_F
ClientSampleId :

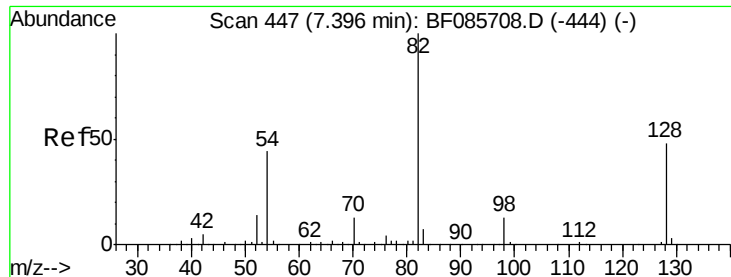
Tot Ion: 70 Resp: 76324
Ion Ratio Lower Upper
70 100
42 35.5 37.1 55.7#
101 0.0 8.6 12.8#
130 3.1 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Tgt Ion: 136 Resp: 410817
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.1 7.4 11.0
68 7.5 5.8 8.8

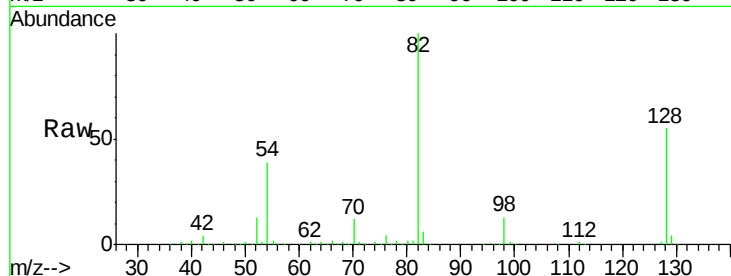




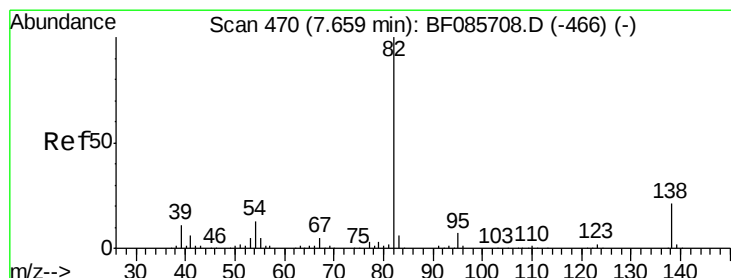
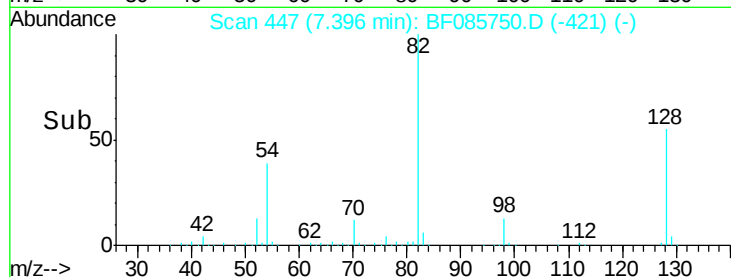
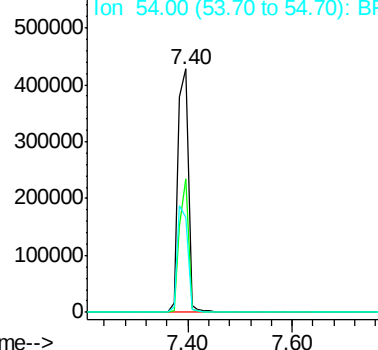
#23
Nitrobenzene-d5
Concen: 80.88 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 590010
Ion Ratio Lower Upper
82 100
128 54.7 41.8 62.8
54 39.2 33.4 50.0

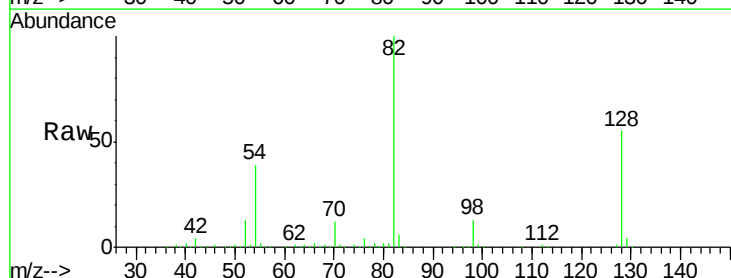


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

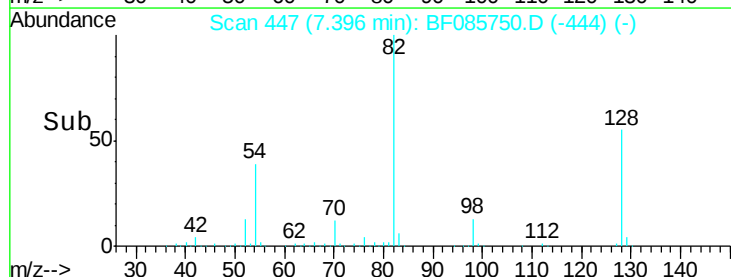
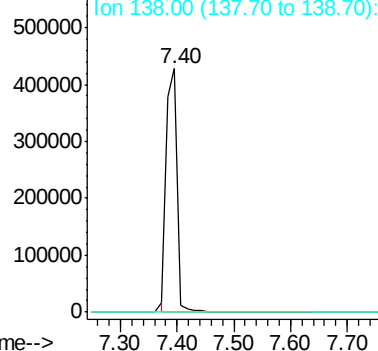


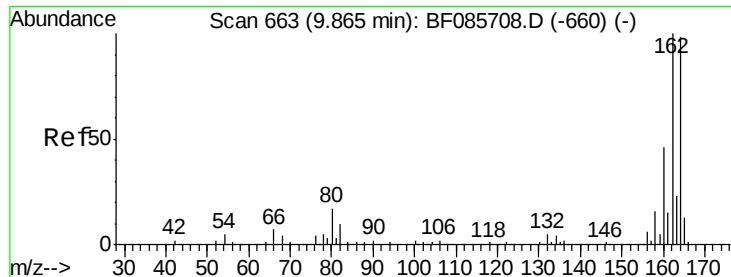
#25
Isophorone
Concen: 40.67 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Tgt Ion: 82 Resp: 571485
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

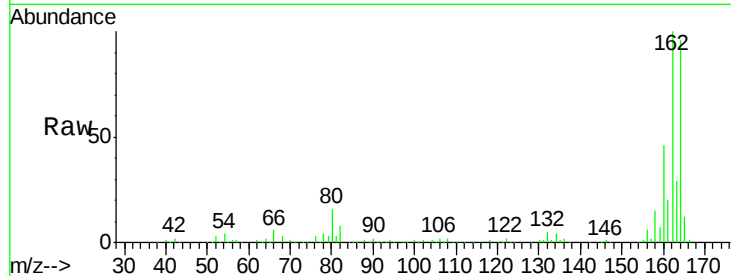




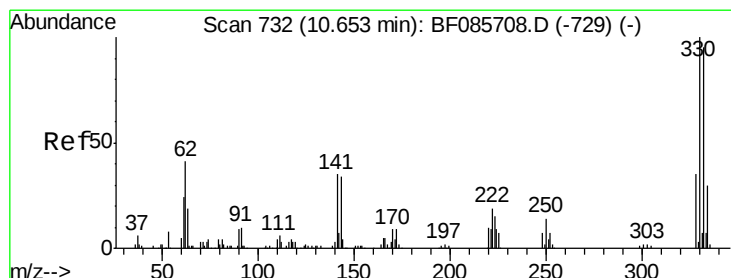
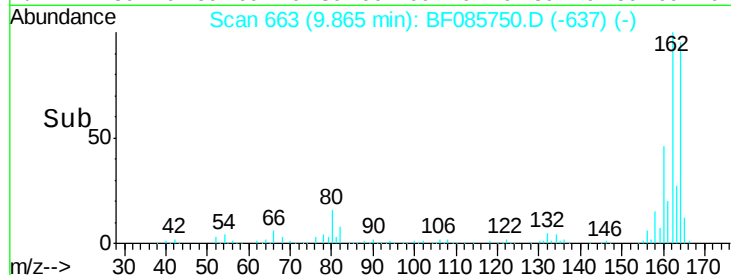
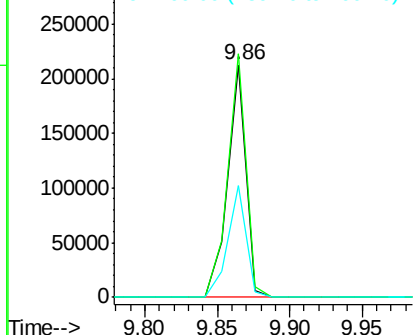
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085750.D
 Acq: 25 Mar 2016 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 186408
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.1 123.1
 160 48.3 37.4 56.2

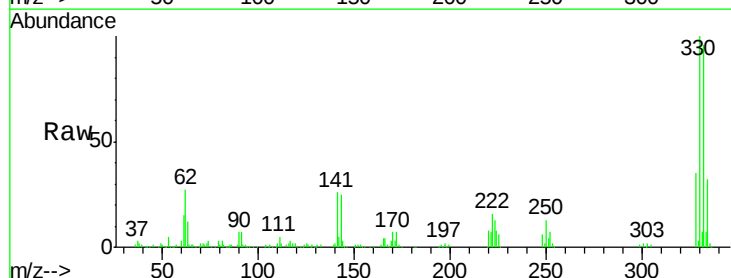


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

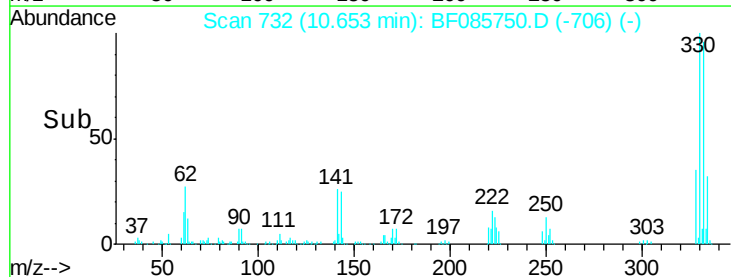
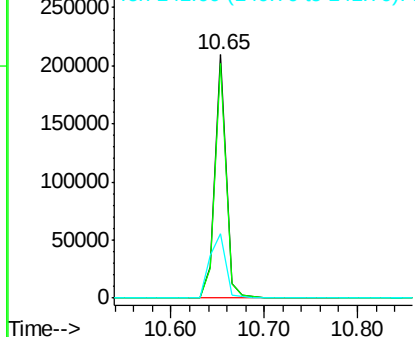


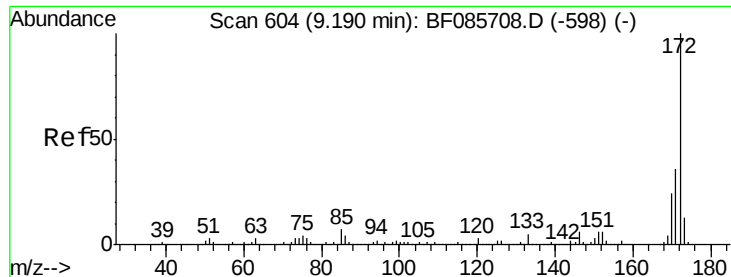
#41
 2,4,6-Tribromophenol
 Concen: 98.69 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085750.D
 Acq: 25 Mar 2016 8:57

Tgt Ion:330 Resp: 174781
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 38.1 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

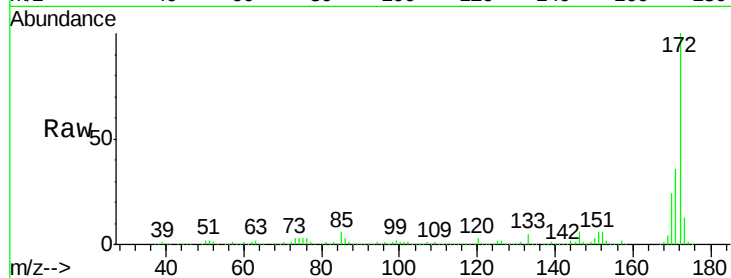




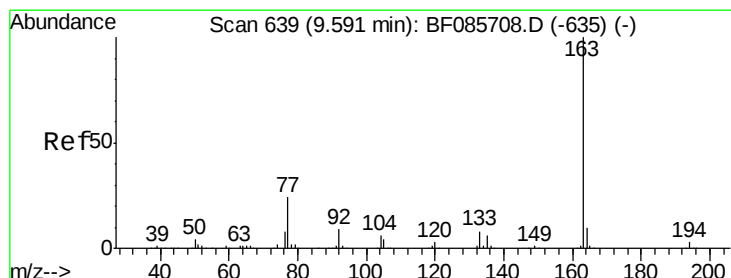
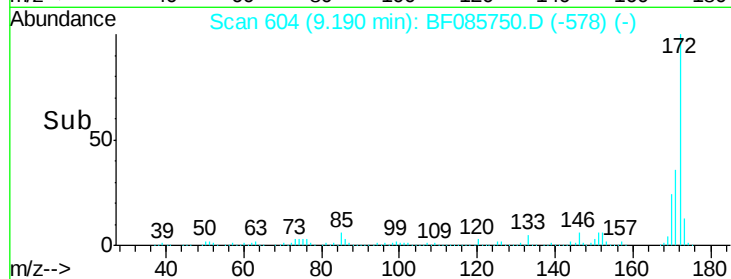
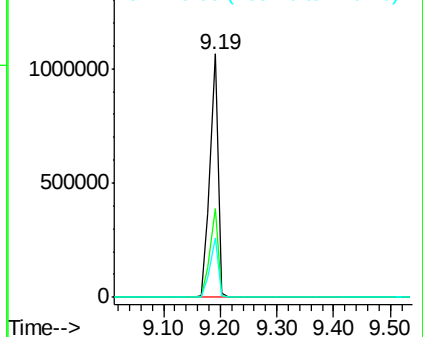
#44
2-Fluorobiphenyl
Concen: 90.44 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1009058
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 24.3 19.8 29.6

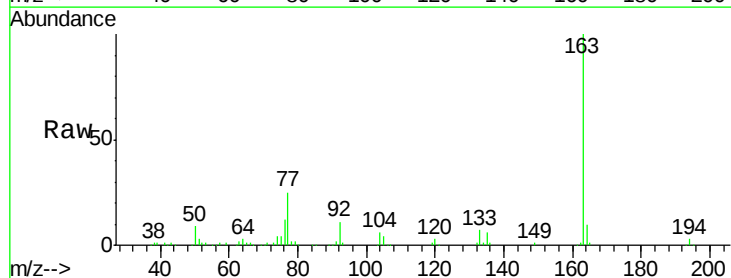


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

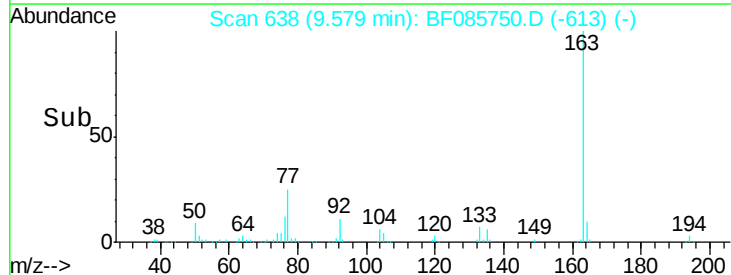
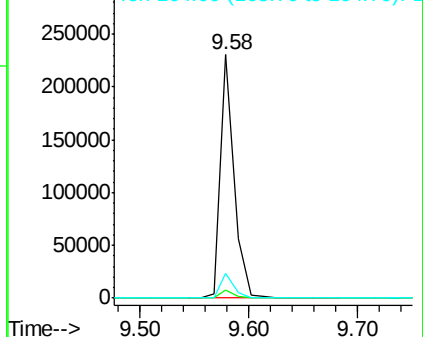


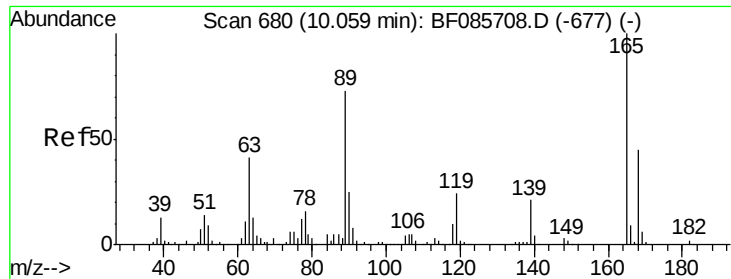
#49
Dimethylphthalate
Concen: 14.39 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Tgt Ion:163 Resp: 203520
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.2 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

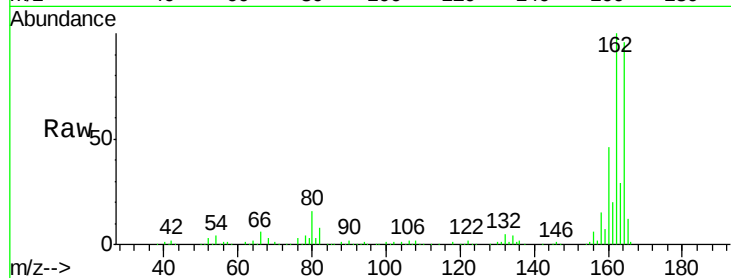




#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085750.D
Acq: 25 Mar 2016 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

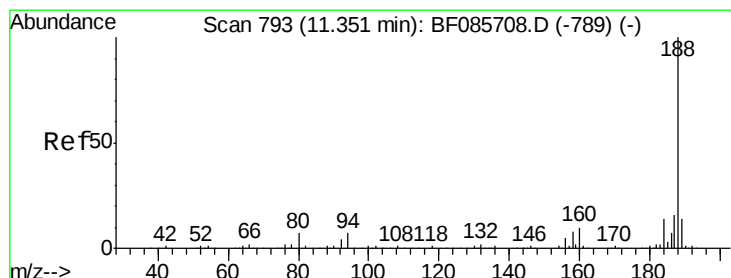
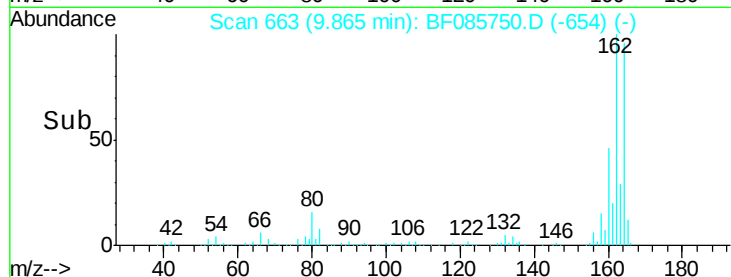
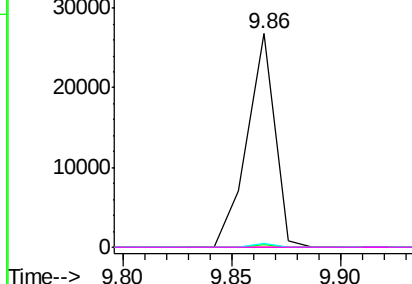


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

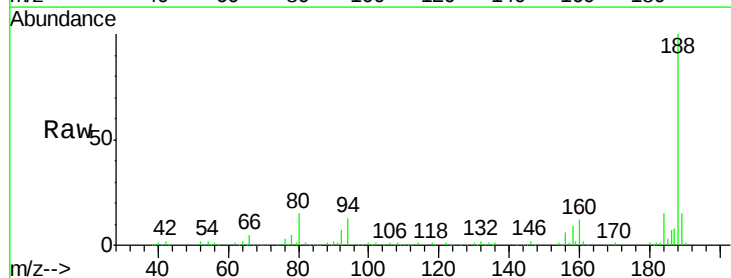
Ion 89.00 (88.70 to 89.70): BF0

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: BF085750.D
Acq: 25 Mar 2016 8:57

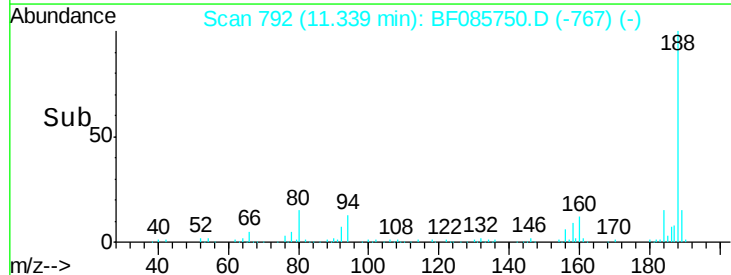
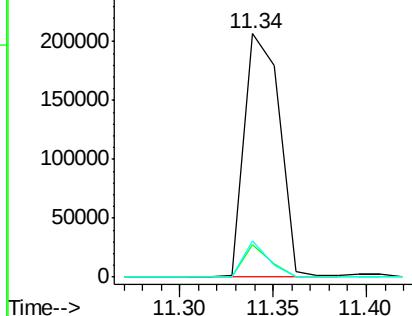
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.8	5.5	8.3#

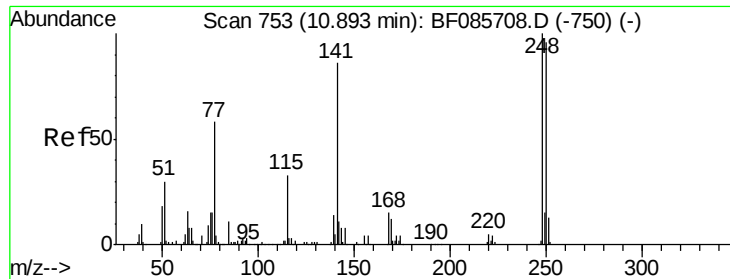


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085750.D

Acq: 25 Mar 2016 8:57

Instrument :

BNA_F

ClientSampleId :

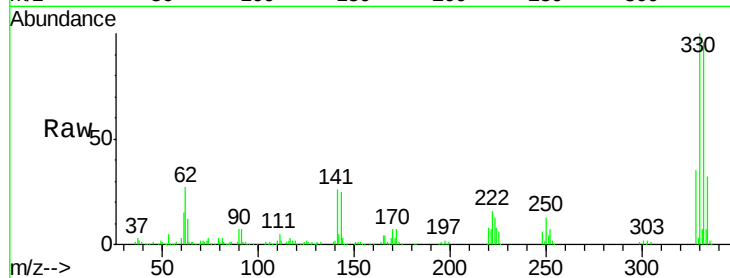
Tot Ion:248 Resp: 12047

Ion Ratio Lower Upper

248 100

250 197.8 77.4 116.0#

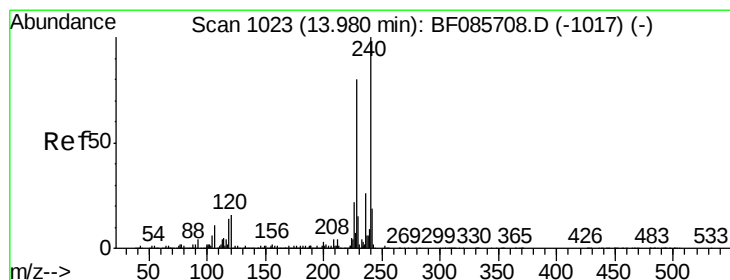
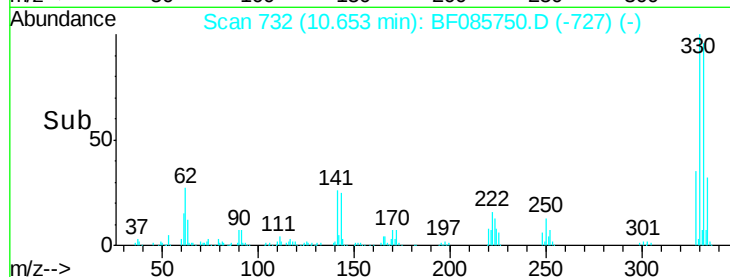
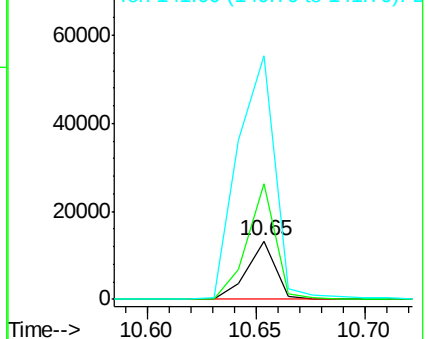
141 416.7 63.6 95.4#



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085750.D

Acq: 25 Mar 2016 8:57

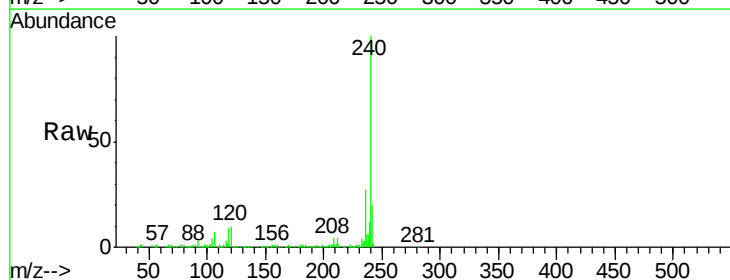
Tgt Ion:240 Resp: 210005

Ion Ratio Lower Upper

240 100

120 10.3 13.8 20.8#

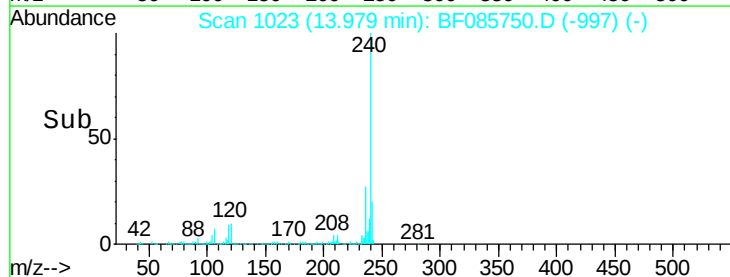
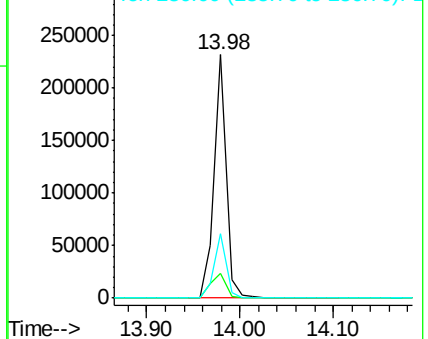
236 26.7 20.6 30.8

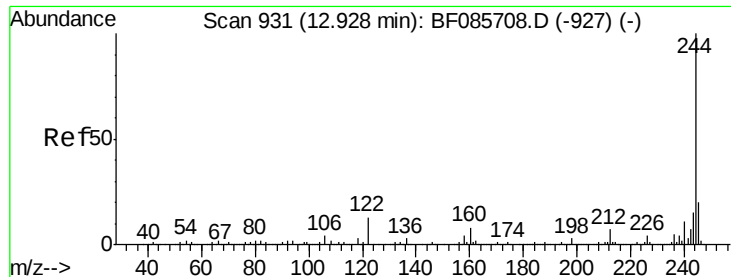


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

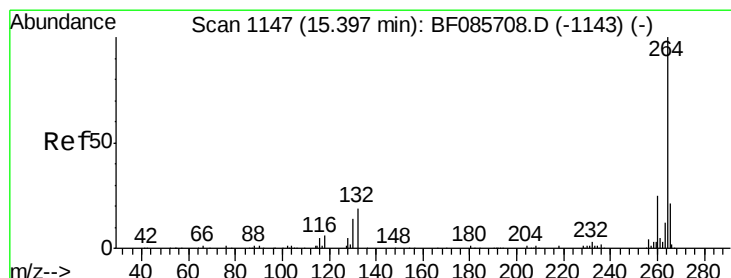
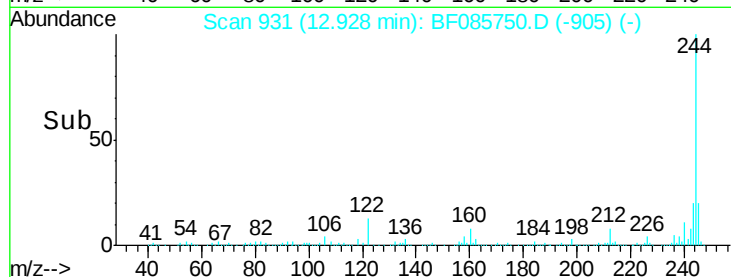
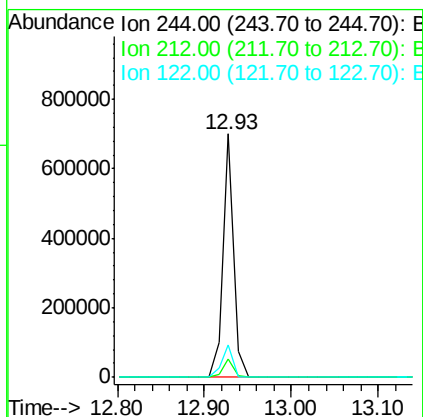
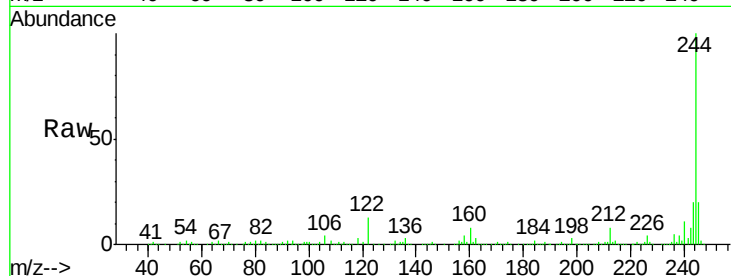




#78
 Terphenyl-d14
 Concen: 59.21 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085750.D
 Acq: 25 Mar 2016 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.3	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: BF085750.D
 Acq: 25 Mar 2016 8:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	20.9	17.2	25.8

