

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085725.D
 Acq On : 24 Mar 2016 20:40
 Operator : UM/SJ
 Sample : H1864-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 24 23:53:58 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

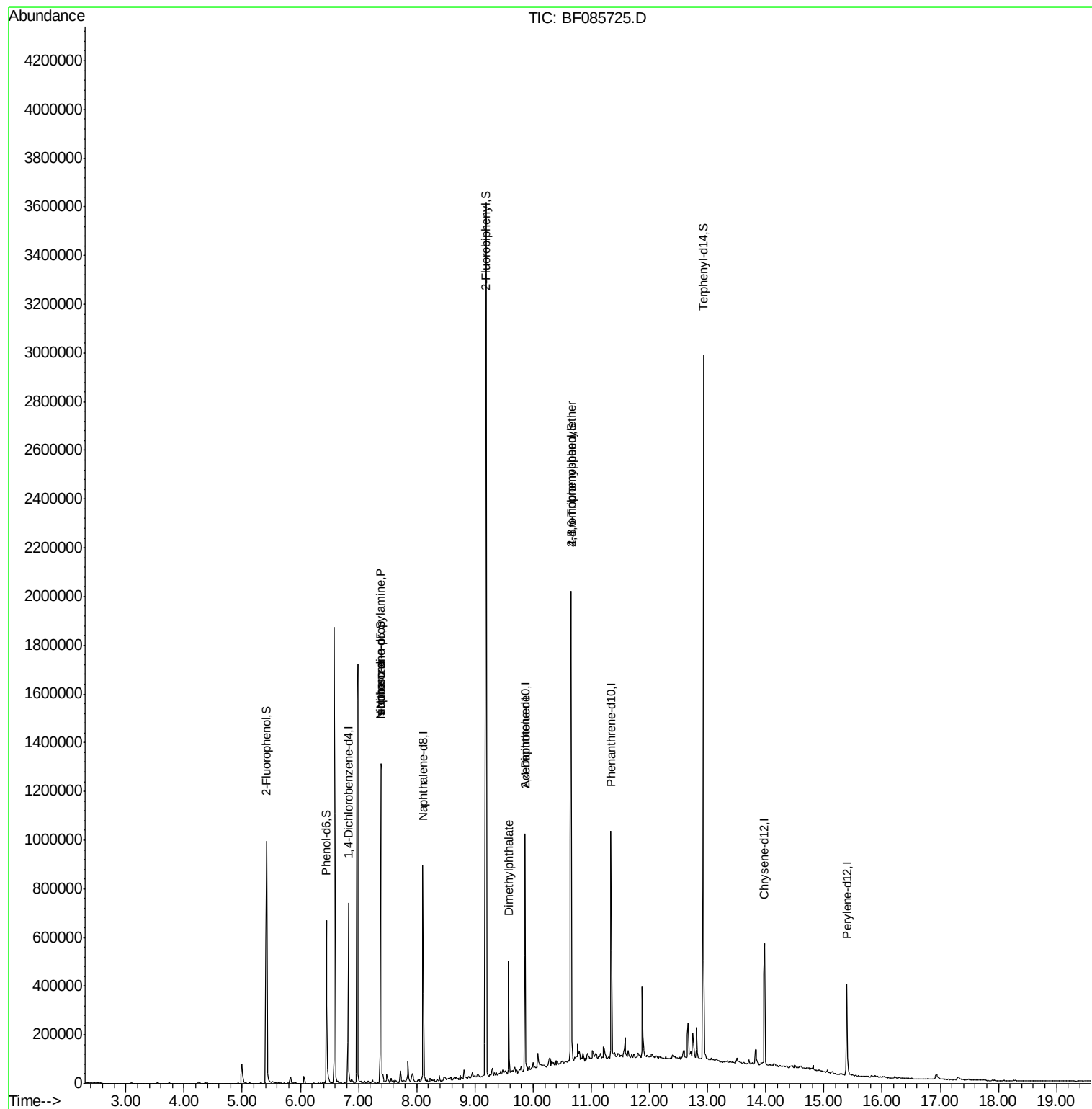
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110514	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	444104	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	214837	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	383849	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	224342	20.00	ng	0.00
86) Perylene-d12	15.40	264	185519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	379381	57.17	ng	0.01
7) Phenol-d6	6.45	99	283337	33.58	ng	-0.01
23) Nitrobenzene-d5	7.38	82	681626	86.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	271344	132.93	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1204015	93.63	ng	0.00
78) Terphenyl-d14	12.93	244	913345	83.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	88336	17.49	ng	# 79
25) Isophorone	7.38	82	649016	42.72	ng	# 68
37) 2-Methylnaphthalene	8.82	142	281	Below Cal		# 47
49) Dimethylphthalate	9.58	163	165421	10.15	ng	99
56) 2,4-Dinitrotoluene	9.86	165	27911	6.26	ng	# 38
66) 4-Bromophenyl-phenylether	10.65	248	18656	4.75	ng	# 1

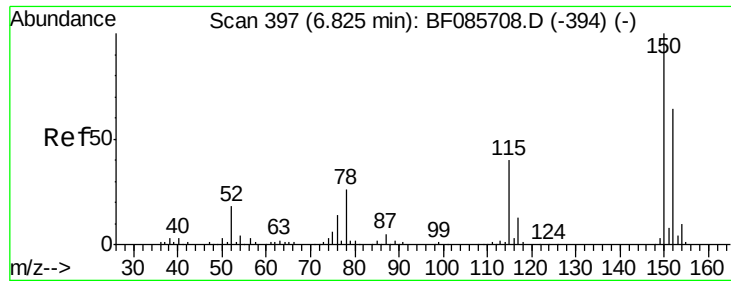
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085725.D
Acq On : 24 Mar 2016 20:40
Operator : UM/SJ
Sample : H1864-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

Quant Time: Mar 24 23:53:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Instrument :

BNA_F

ClientSampled :

MW-5

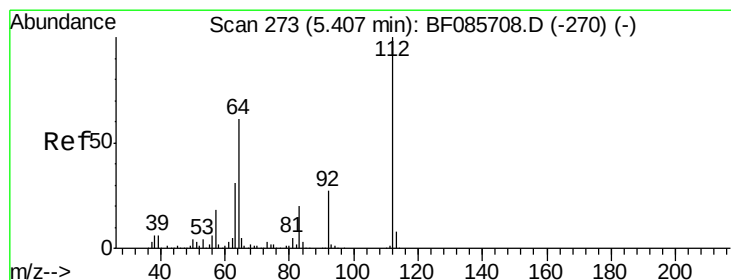
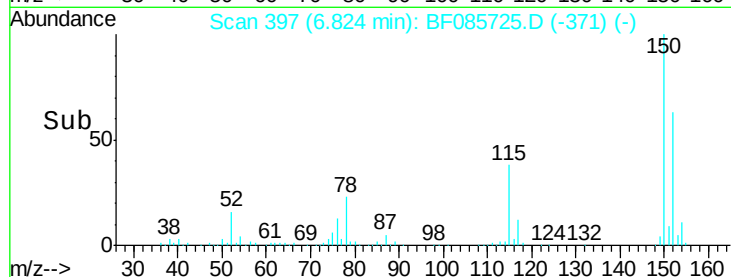
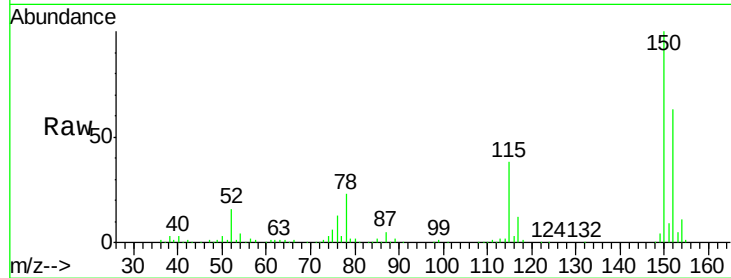
Tgt Ion:152 Resp: 110514

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

115 60.8 47.0 70.6



#5

2-Fluorophenol

Concen: 57.17 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

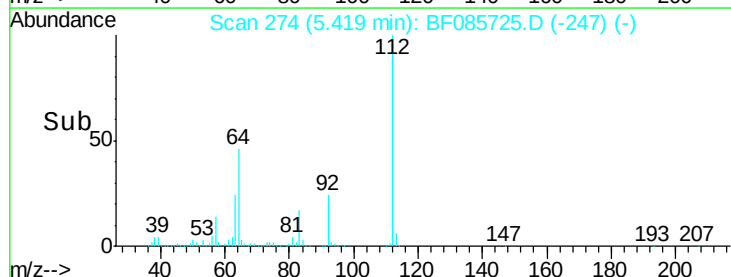
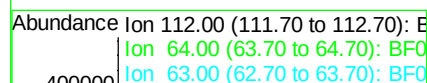
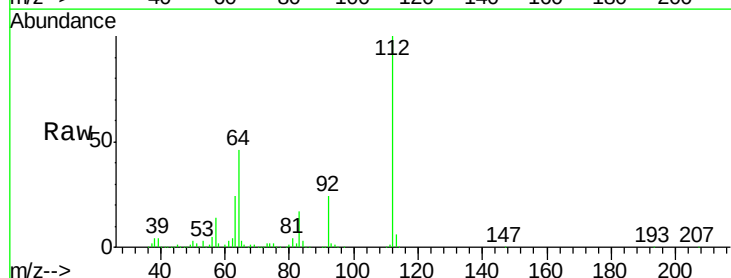
Tgt Ion:112 Resp: 379381

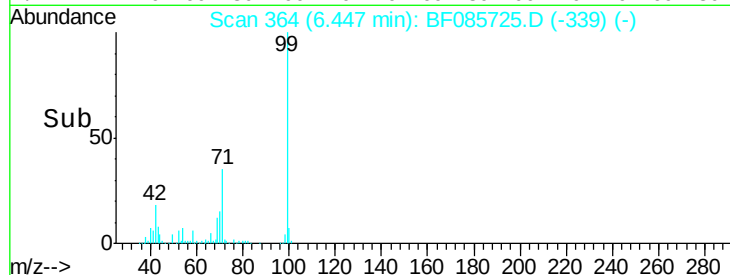
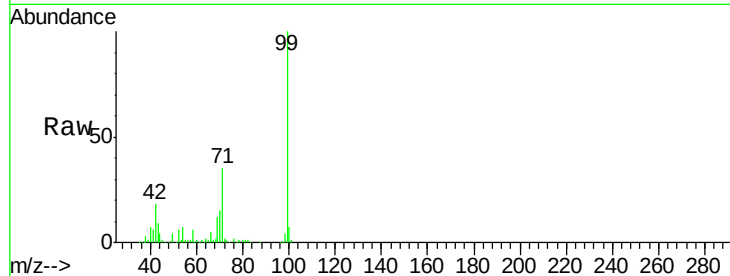
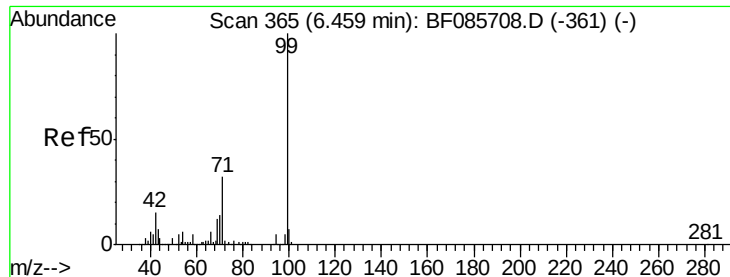
Ion Ratio Lower Upper

112 100

64 46.3 39.9 59.9

63 24.3 20.2 30.2





#7

Phenol-d6

Concen: 33.58 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-5

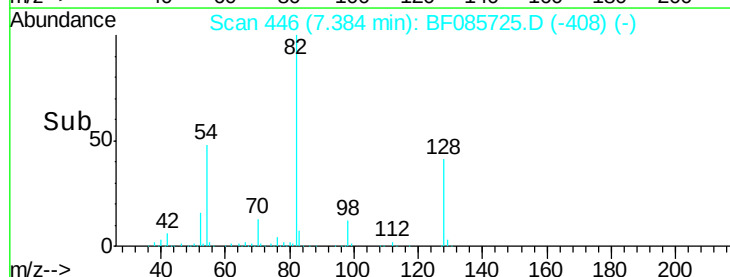
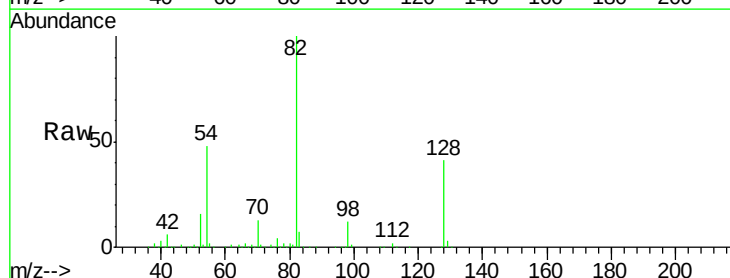
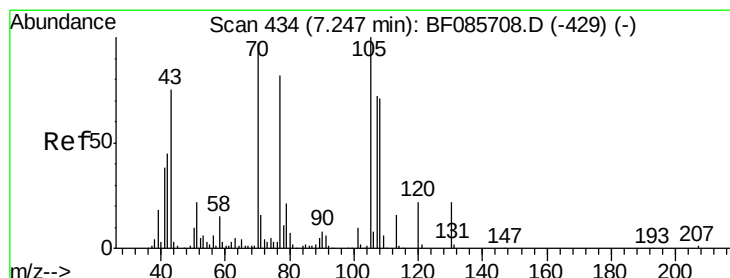
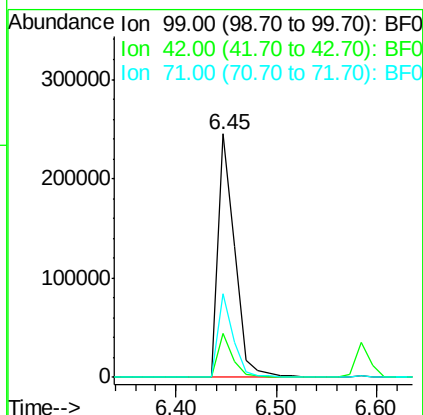
Tgt Ion: 99 Resp: 283337

Ion Ratio Lower Upper

99 100

42 18.1 11.1 16.7#

71 34.6 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.49 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Tgt Ion: 70 Resp: 88336

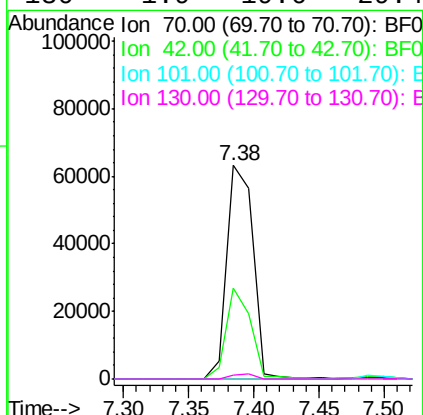
Ion Ratio Lower Upper

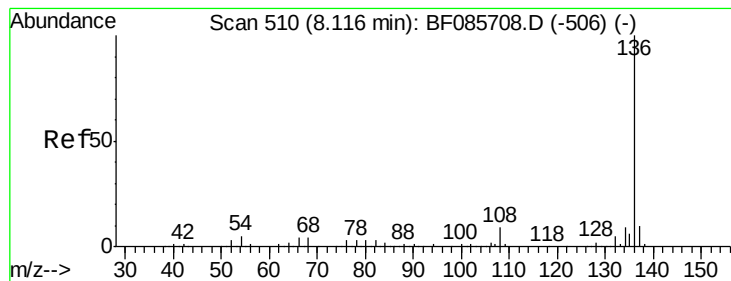
70 100

42 42.5 37.1 55.7

101 0.0 8.6 12.8#

130 1.9 19.6 29.4#

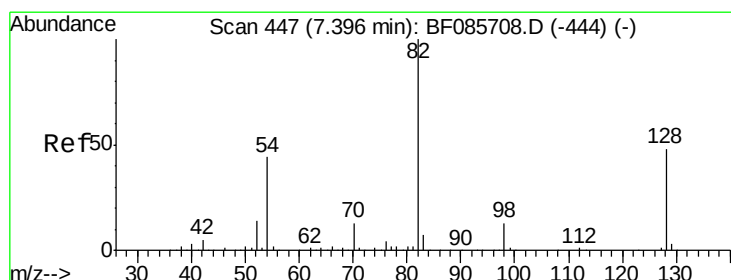
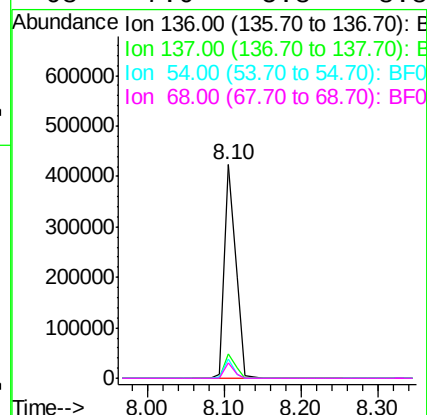
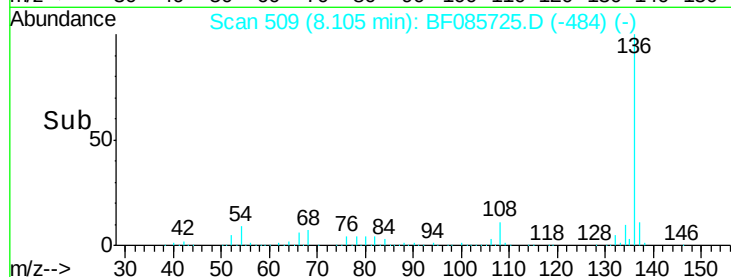
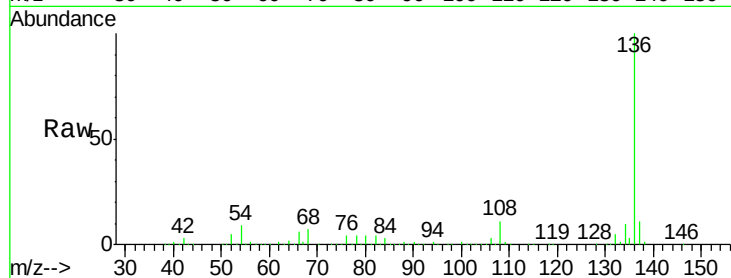




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085725.D
Acq: 24 Mar 2016 20:40

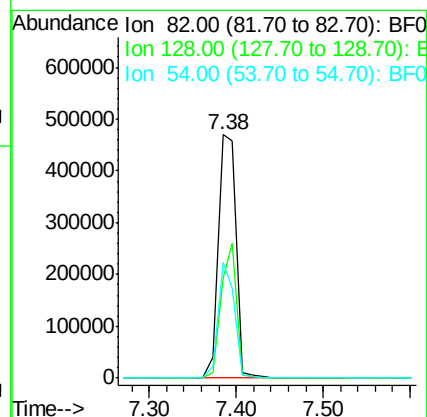
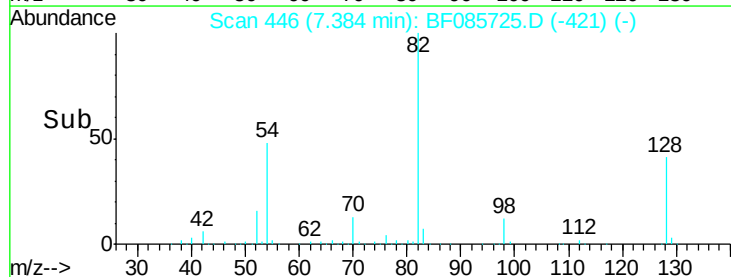
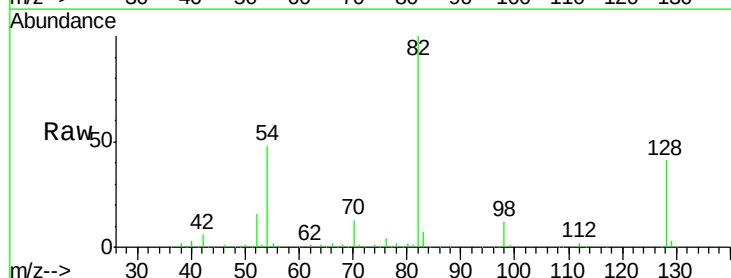
Instrument :
BNA_F
ClientSampleId :
MW-5

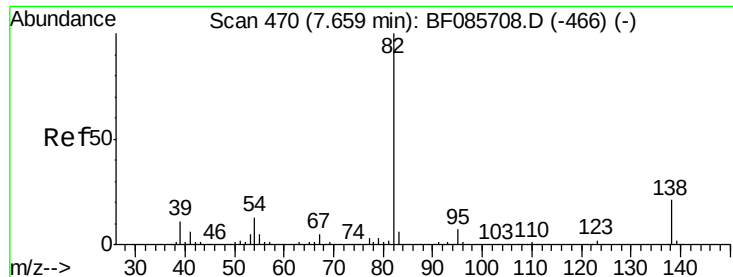
Tgt Ion:	136	Resp:	444104
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	7.4	11.0
68	7.0	5.8	8.8



#23
Nitrobenzene-d5
Concen: 86.43 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085725.D
Acq: 24 Mar 2016 20:40

Tgt Ion:	82	Resp:	681626
Ion	Ratio	Lower	Upper
82	100		
128	41.1	41.8	62.8#
54	47.7	33.4	50.0





#25

Isophorone

Concen: 42.72 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.27 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-5

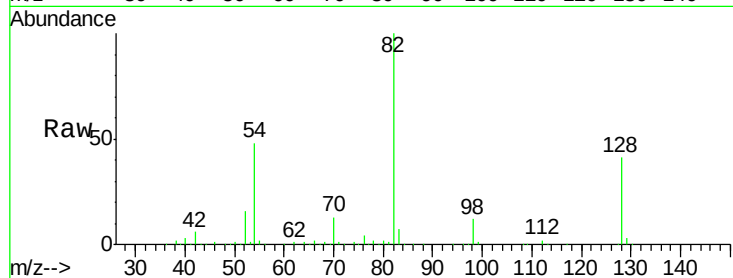
Tgt Ion: 82 Resp: 649016

Ion Ratio Lower Upper

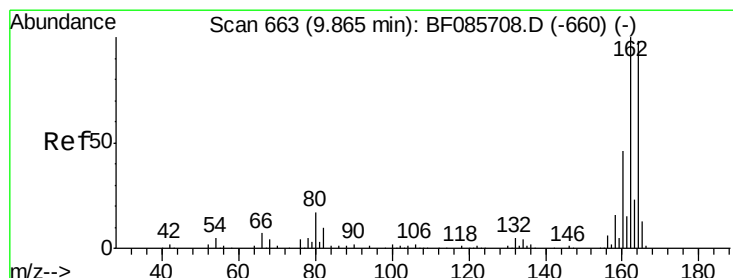
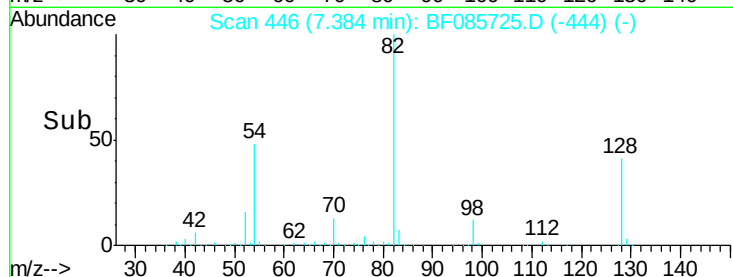
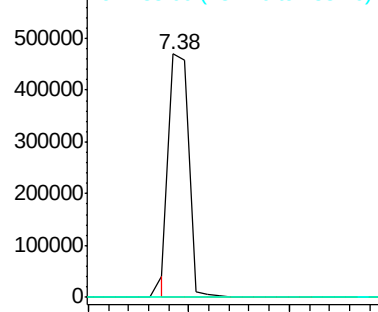
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

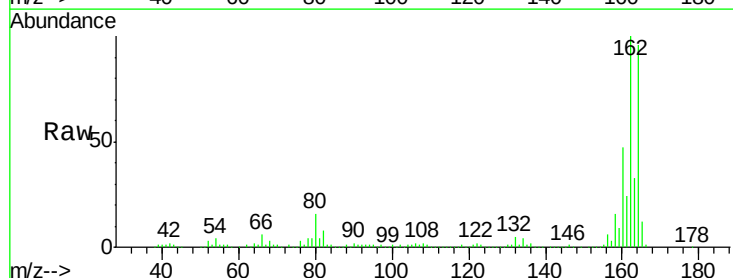
Tgt Ion:164 Resp: 214837

Ion Ratio Lower Upper

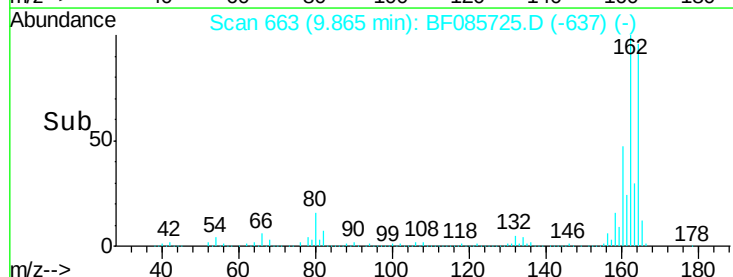
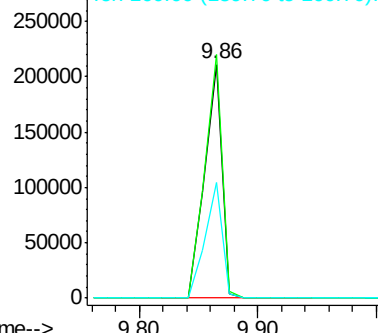
164 100

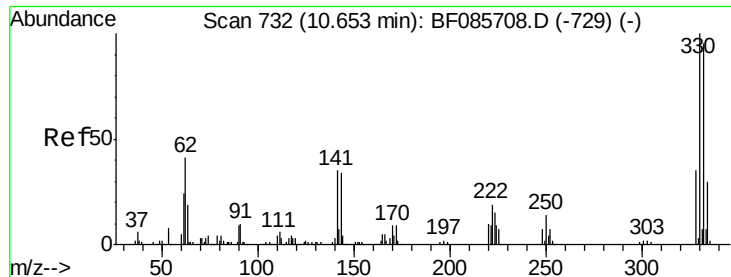
162 104.1 82.1 123.1

160 49.2 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

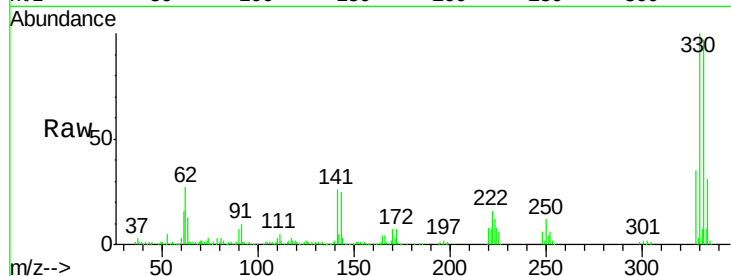




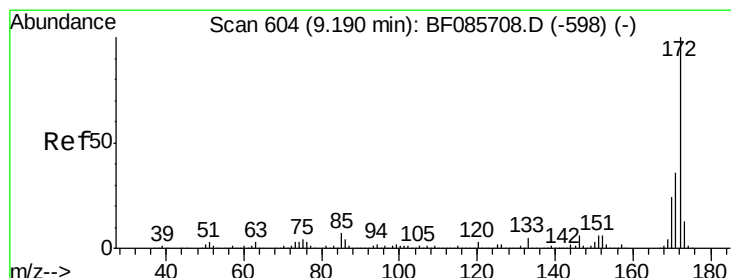
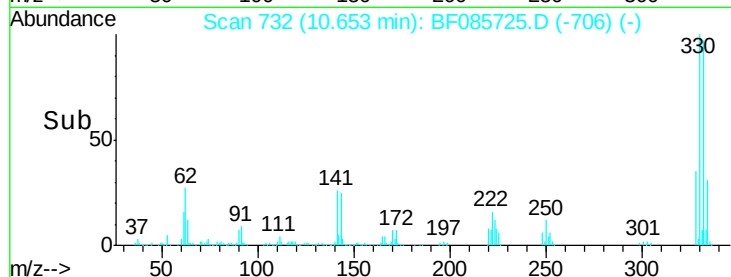
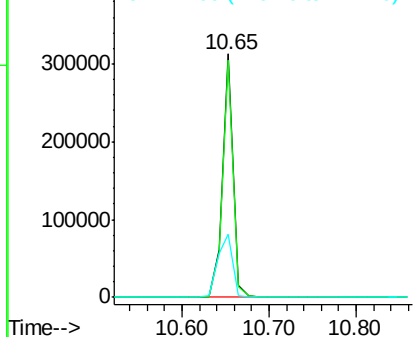
#41
 2,4,6-Tribromophenol
 Concen: 132.93 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085725.D
 Acq: 24 Mar 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 271344
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 36.0 31.5 47.3

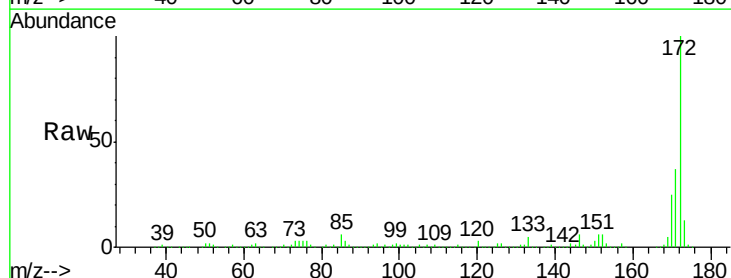


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

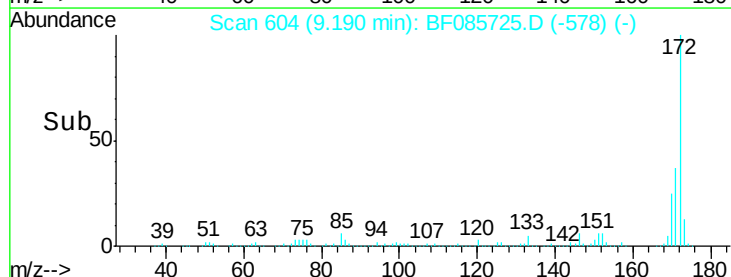
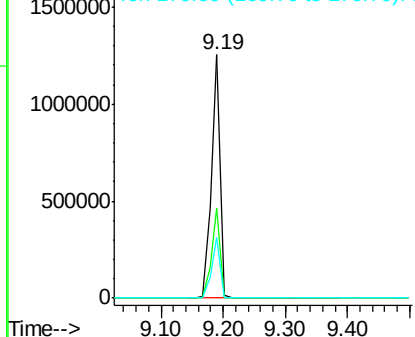


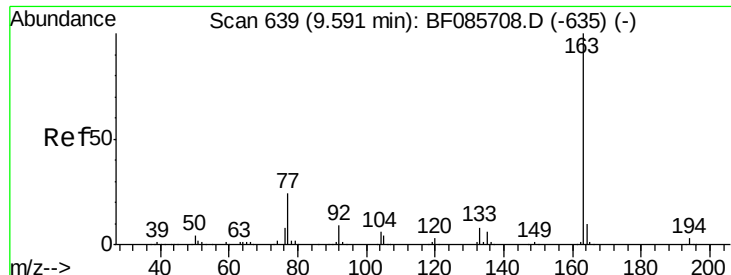
#44
 2-Fluorobiphenyl
 Concen: 93.63 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085725.D
 Acq: 24 Mar 2016 20:40

Tgt Ion:172 Resp: 1204015
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.8 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: 10.15 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-5

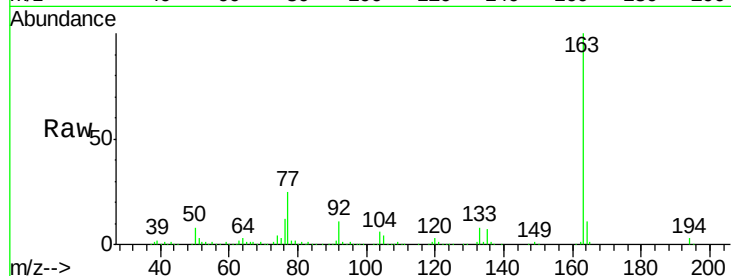
Tgt Ion:163 Resp: 165421

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

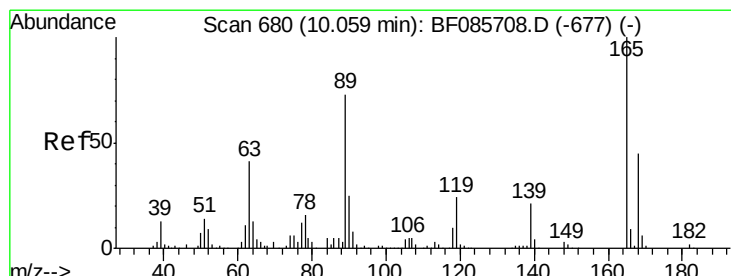
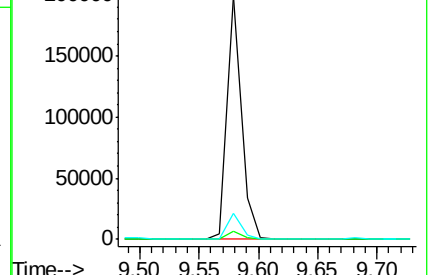
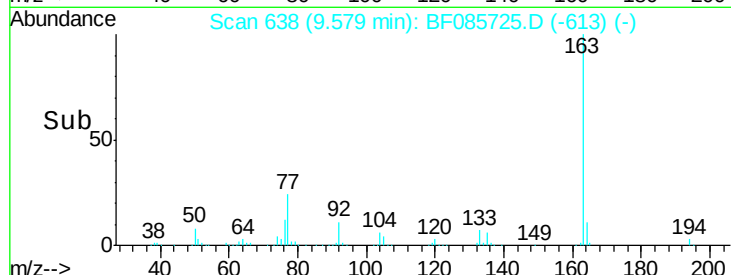
164 10.8 8.3 12.5



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: 6.26 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.19 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Tgt Ion:165 Resp: 27911

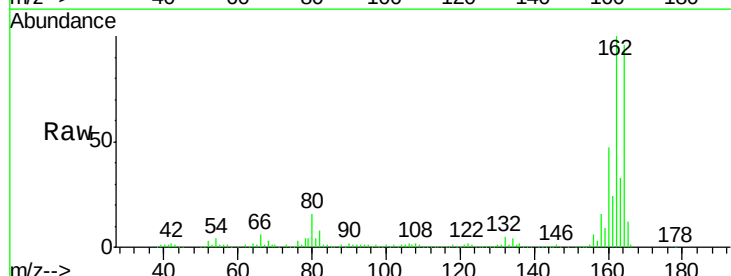
Ion Ratio Lower Upper

165 100

63 2.1 24.9 37.3#

89 2.6 41.0 61.6#

182 0.0 2.1 3.1#

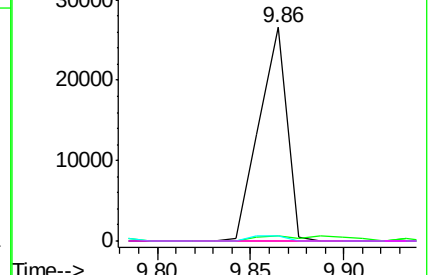
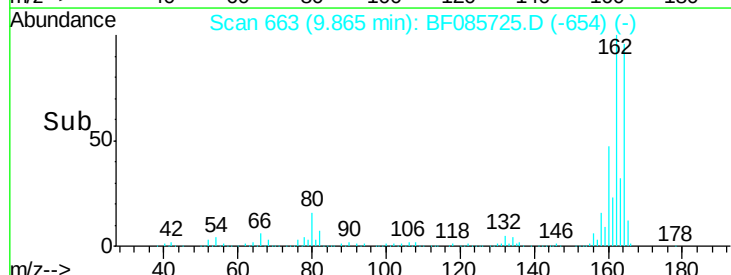


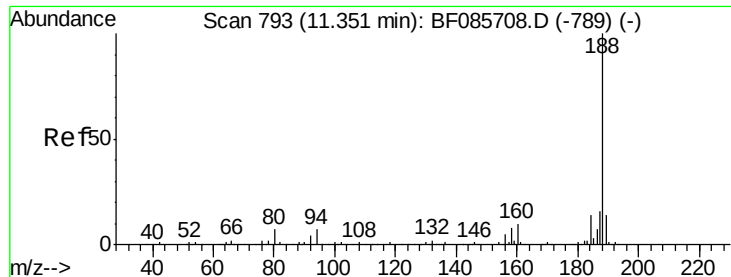
Abundance Ion 165.00 (164.70 to 165.70): E

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

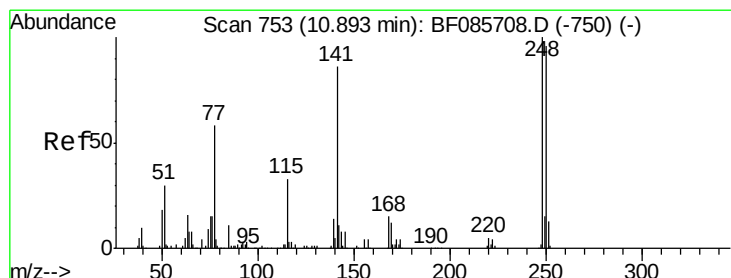
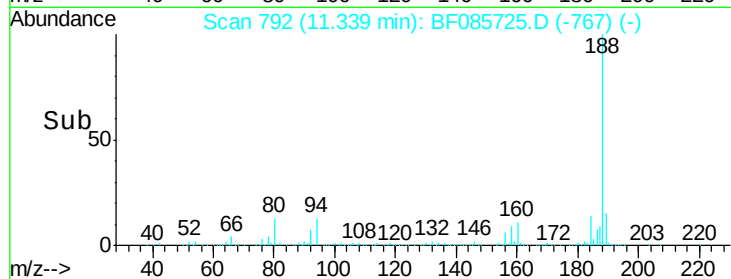
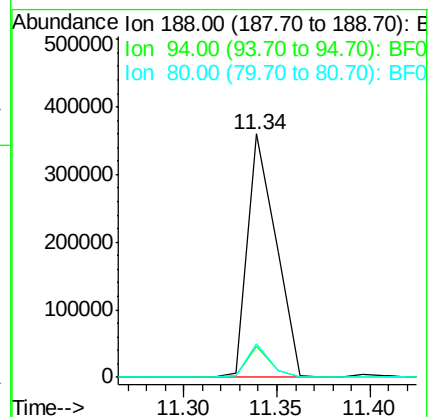
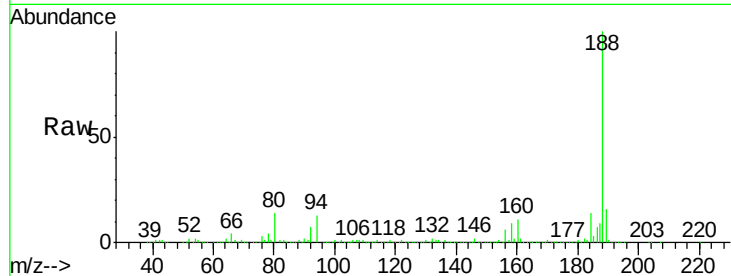




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085725.D
Acq: 24 Mar 2016 20:40

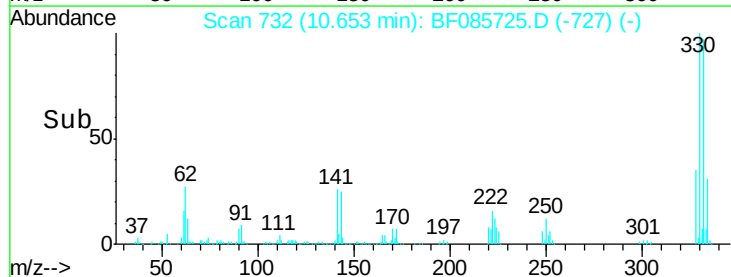
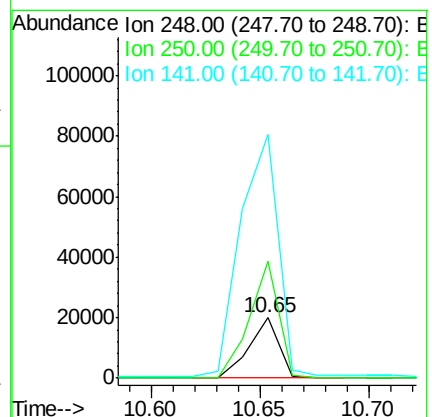
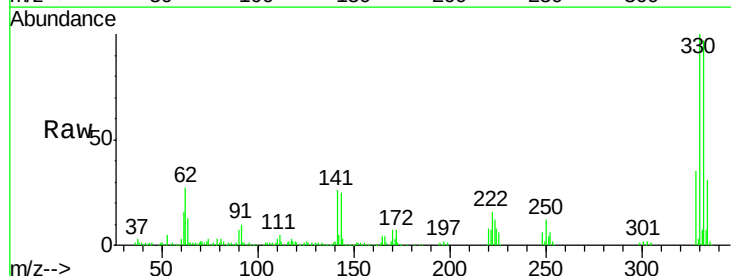
Instrument :
BNA_F
ClientSampleId :
MW-5

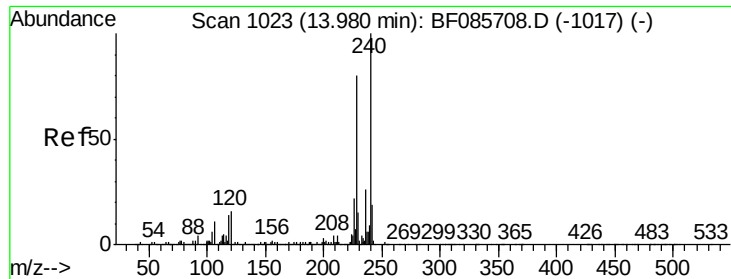
Tgt Ion:188 Resp: 383849
Ion Ratio Lower Upper
188 100
94 12.8 5.4 8.0#
80 13.7 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085725.D
Acq: 24 Mar 2016 20:40

Tgt Ion:248 Resp: 18656
Ion Ratio Lower Upper
248 100
250 195.1 77.4 116.0#
141 405.7 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

Instrument :

BNA_F

ClientSampled :

MW-5

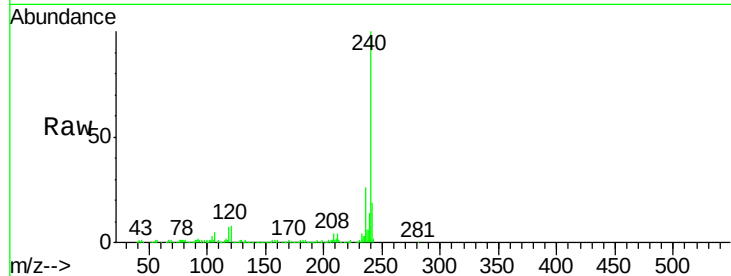
Tgt Ion:240 Resp: 224342

Ion Ratio Lower Upper

240 100

120 8.3 13.8 20.8#

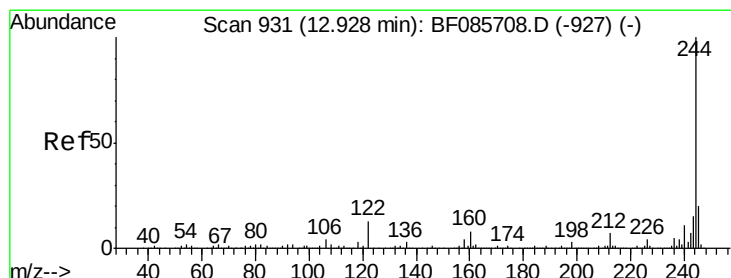
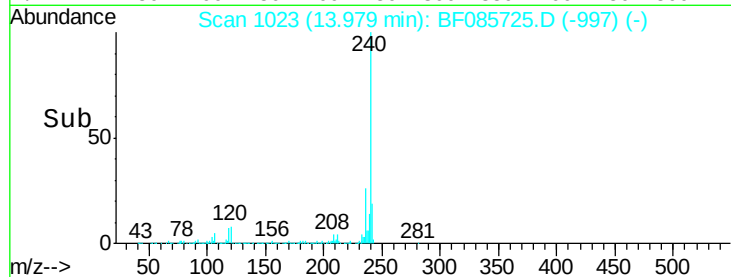
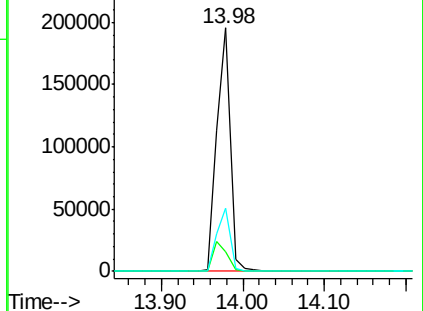
236 26.0 20.6 30.8



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: 83.73 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085725.D

Acq: 24 Mar 2016 20:40

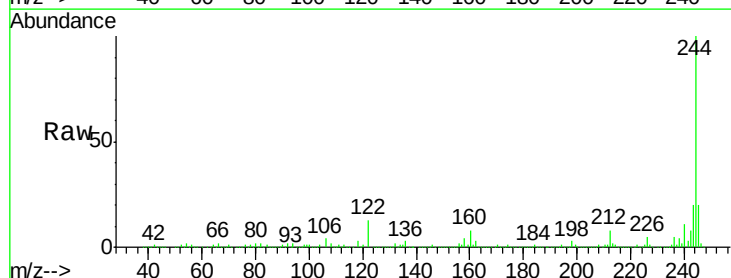
Tgt Ion:244 Resp: 913345

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

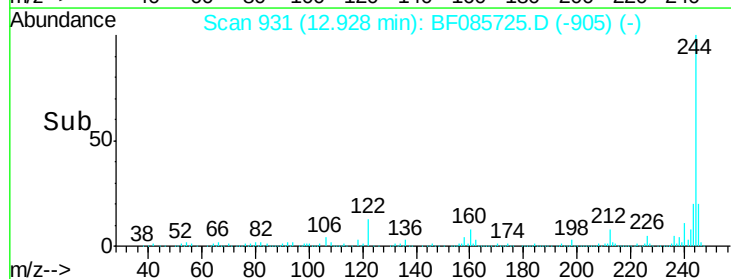
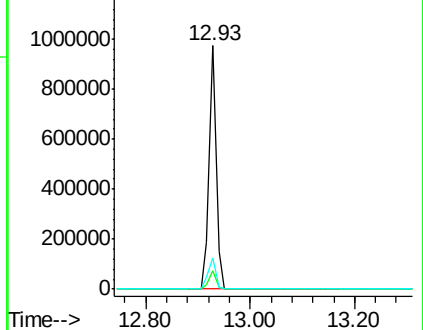
122 12.7 10.2 15.4

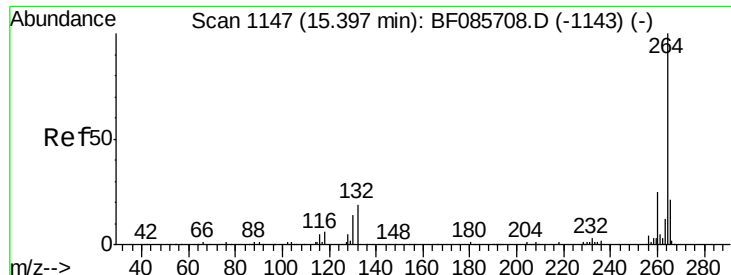


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



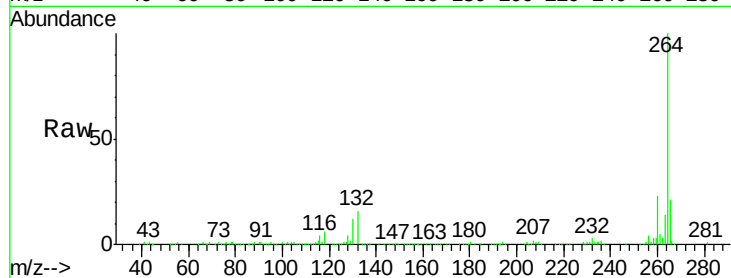


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085725.D
Acq: 24 Mar 2016 20:40

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 264 Resp: 185519

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

