

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085295.D
 Acq On : 9 Mar 2016 9:45
 Operator : UM/SJ
 Sample : H1699-05 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Quant Time: Mar 09 12:06:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

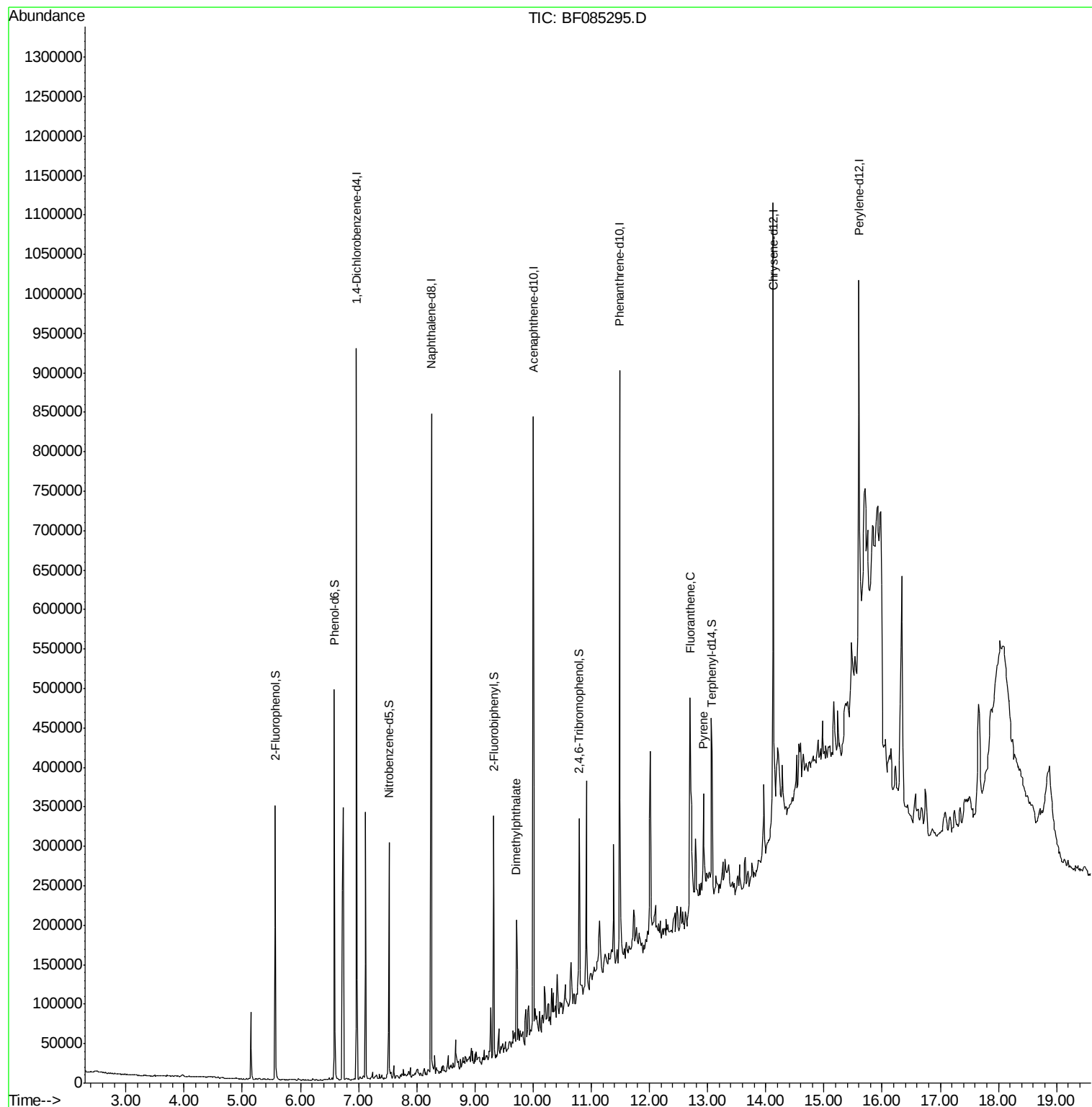
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	125559	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	459354	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	161324	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	270902	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	256303	20.00	ng	-0.02
86) Perylene-d12	15.60	264	220710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	120495	16.10	ng	-0.01
7) Phenol-d6	6.58	99	159774	16.29	ng	-0.02
23) Nitrobenzene-d5	7.52	82	90449	10.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	22774	16.50	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	131189	12.37	ng	-0.02
78) Terphenyl-d14	13.08	244	90134	8.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	32263	2.61	ng	Qvalue # 97
74) Fluoranthene	12.70	202	49801	3.50	ng	96
77) Pyrene	12.93	202	49868	2.59	ng	97

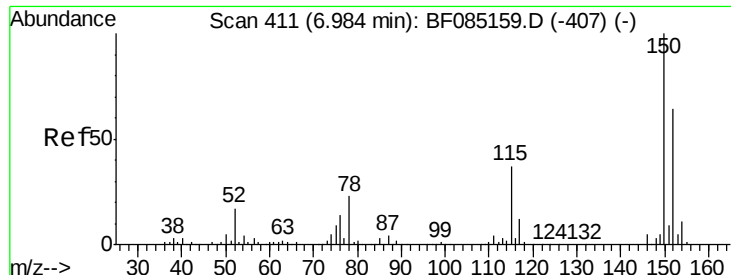
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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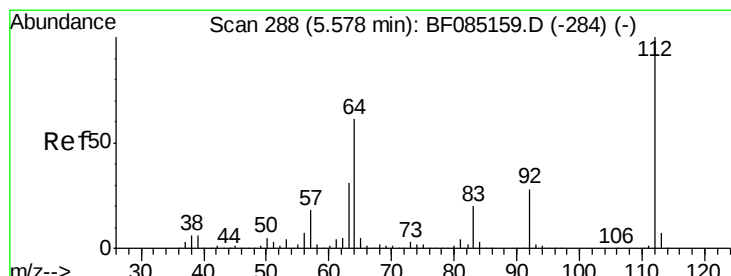
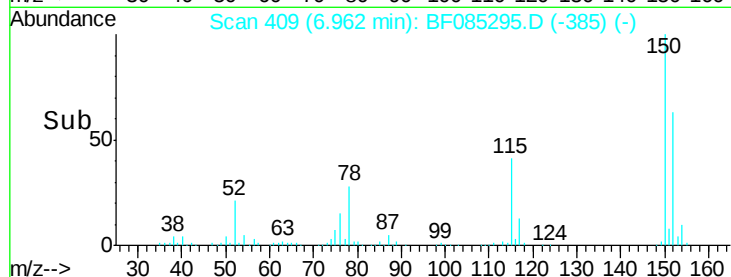
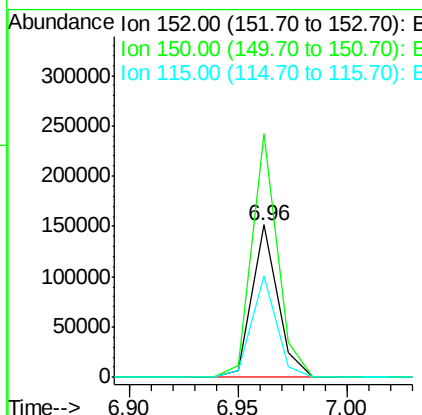
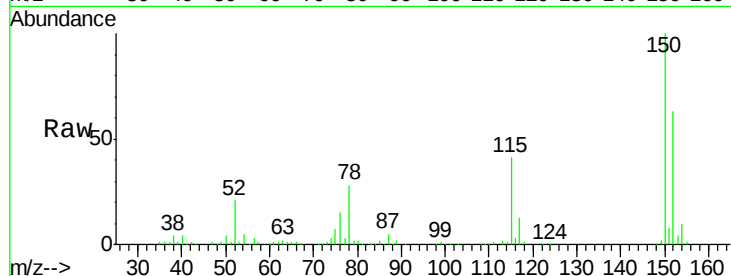




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

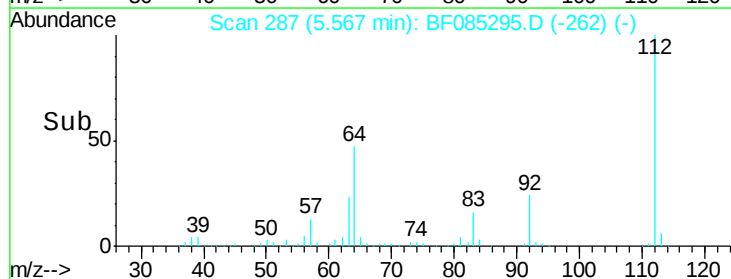
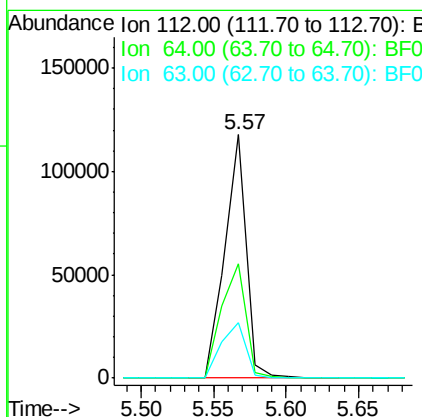
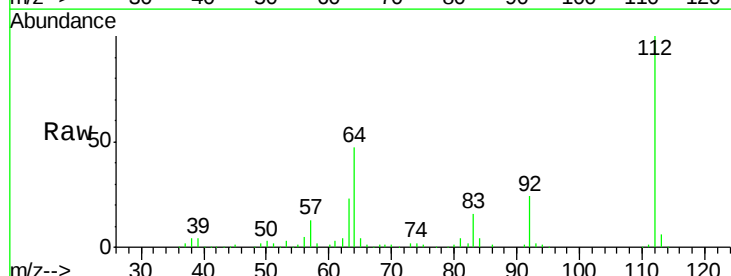
Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

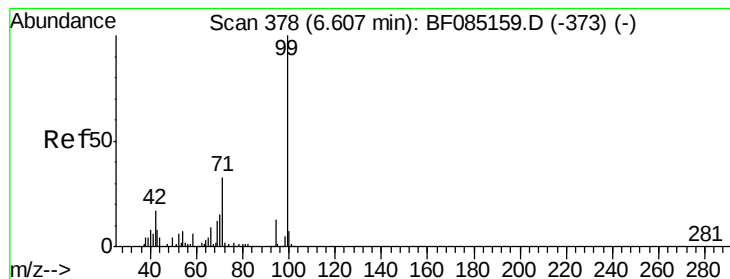
Tgt Ion:152 Resp: 125559
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 66.3 46.6 70.0



#5
 2-Fluorophenol
 Concen: 16.10 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Tgt Ion:112 Resp: 120495
 Ion Ratio Lower Upper
 112 100
 64 47.1 49.0 73.4#
 63 22.7 24.8 37.2#





#7

Phenol-d6

Concen: 16.29 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

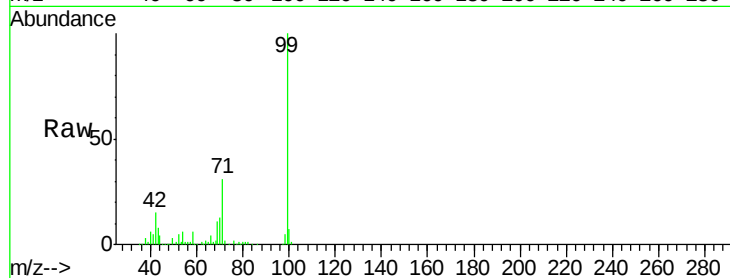
Tgt Ion: 99 Resp: 159774

Ion Ratio Lower Upper

99 100

42 14.8 13.6 20.4

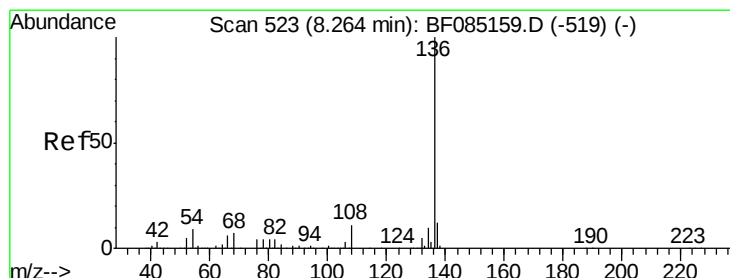
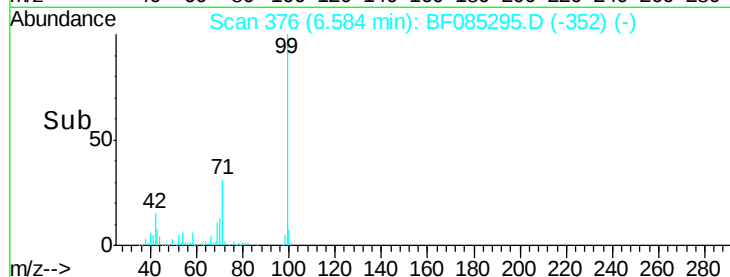
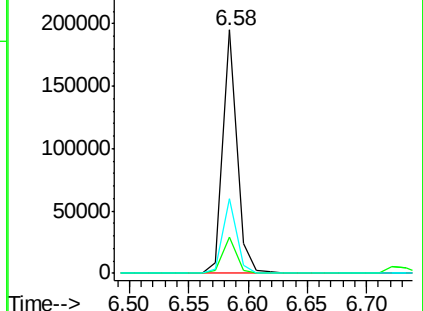
71 30.6 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Tgt Ion: 136 Resp: 459354

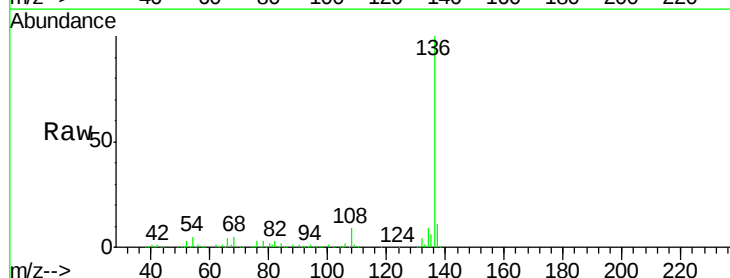
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.3 7.4 11.2#

68 4.8 6.0 9.0#

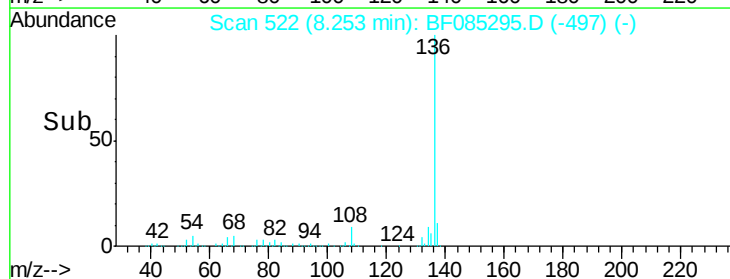
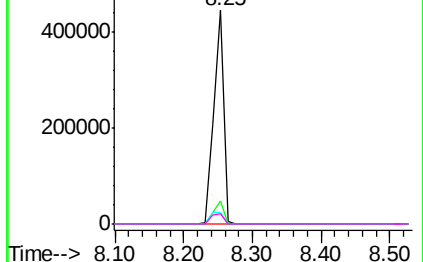


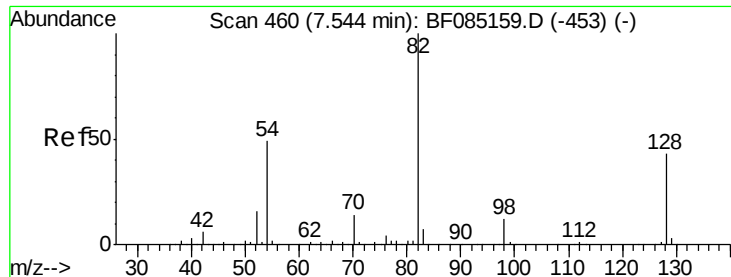
Abundance Ion 136.00 (135.70 to 136.70): E

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

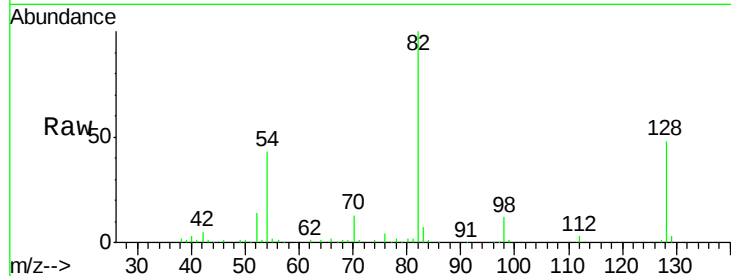




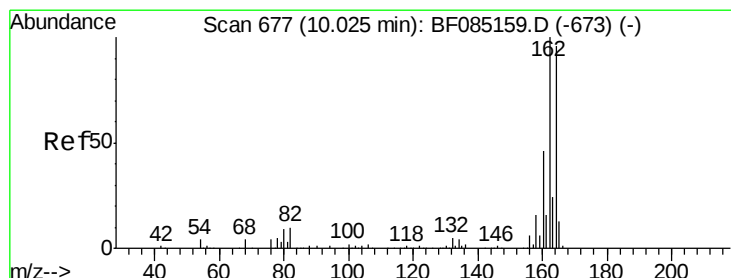
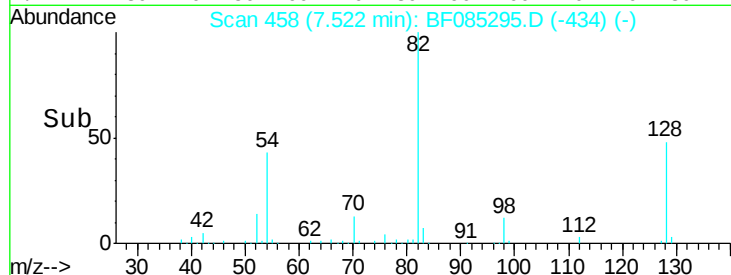
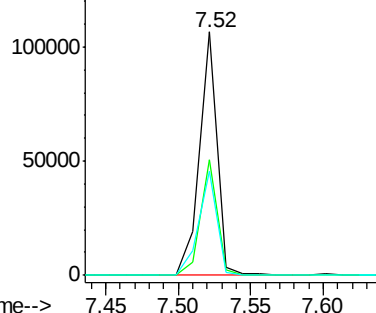
#23
 Nitrobenzene-d5
 Concen: 10.54 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Tgt Ion: 82 Resp: 90449
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.5 51.7
 54 42.5 39.3 58.9

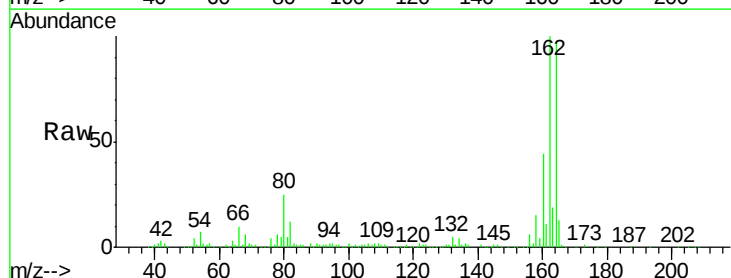


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

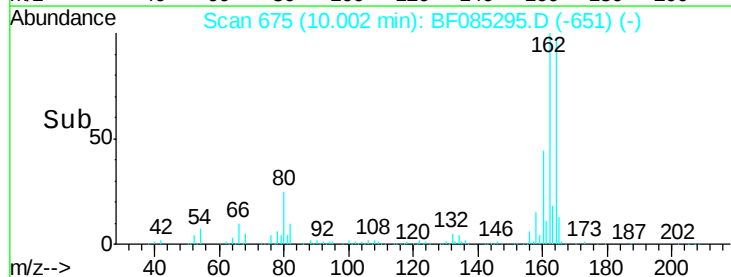
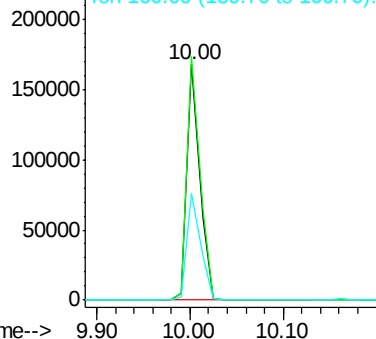


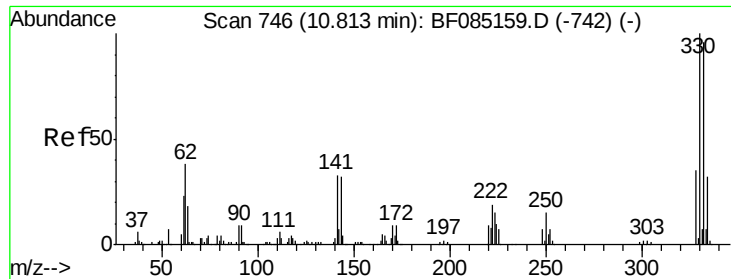
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Tgt Ion: 164 Resp: 161324
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.3 124.9
 160 45.2 37.9 56.9



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

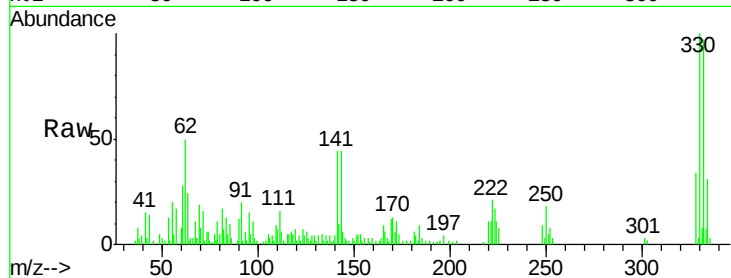




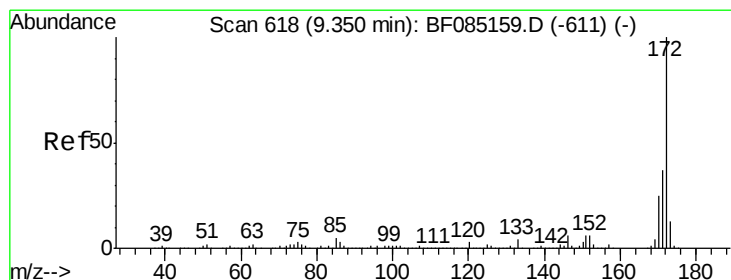
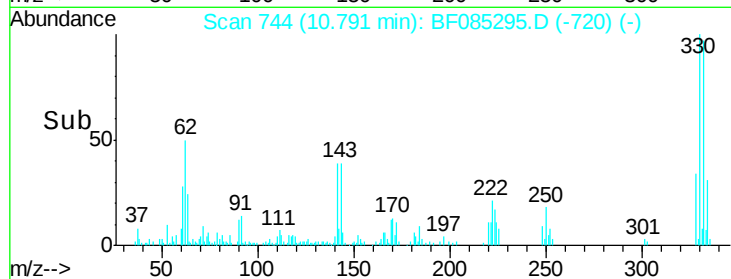
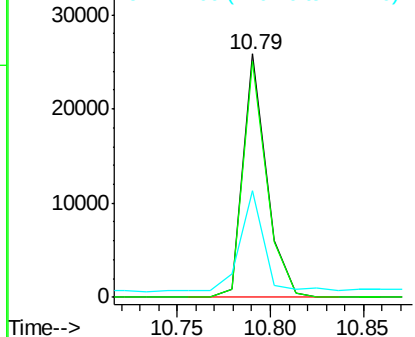
#41
 2,4,6-Tribromophenol
 Concen: 16.50 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Tgt Ion:330 Resp: 22774
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 45.0 35.0 52.6

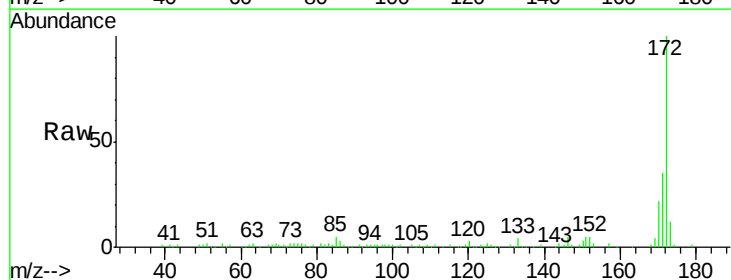


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

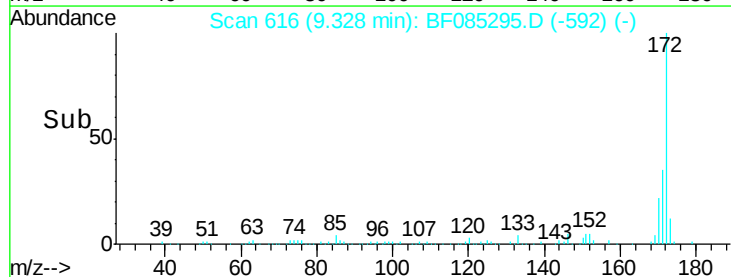
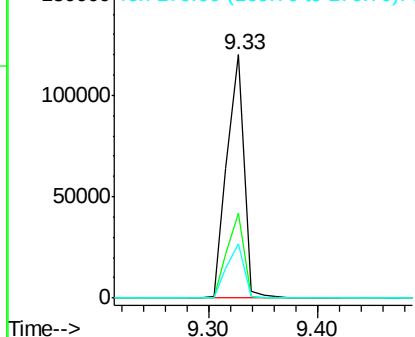


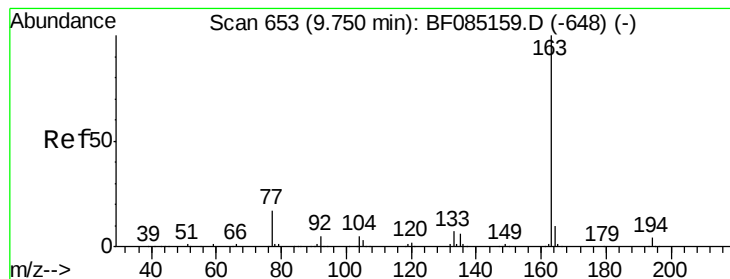
#44
 2-Fluorobiphenyl
 Concen: 12.37 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Tgt Ion:172 Resp: 131189
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.3 43.9
 170 22.2 20.0 30.0



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: 2.61 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

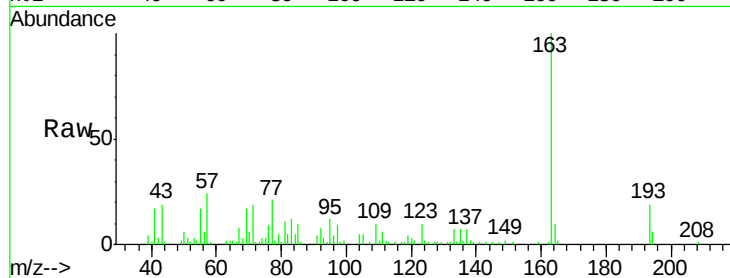
Tgt Ion:163 Resp: 32263

Ion Ratio Lower Upper

163 100

194 6.1 3.1 4.7#

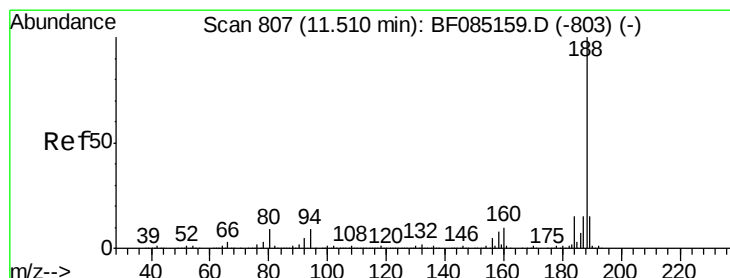
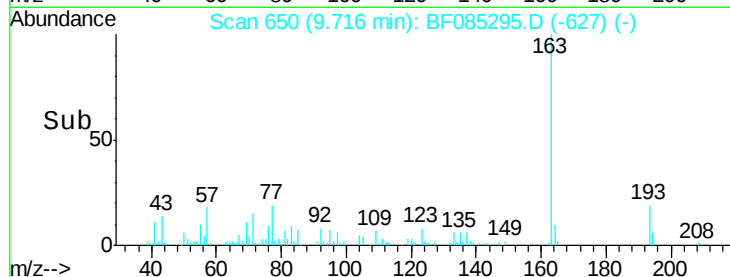
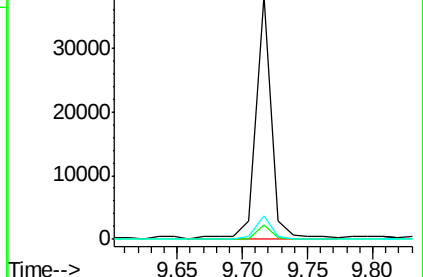
164 9.8 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

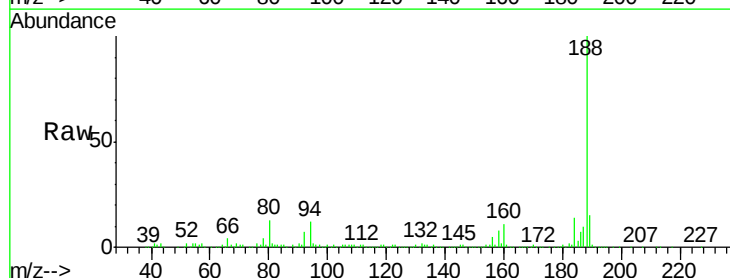
Tgt Ion:188 Resp: 270902

Ion Ratio Lower Upper

188 100

94 11.8 7.0 10.6#

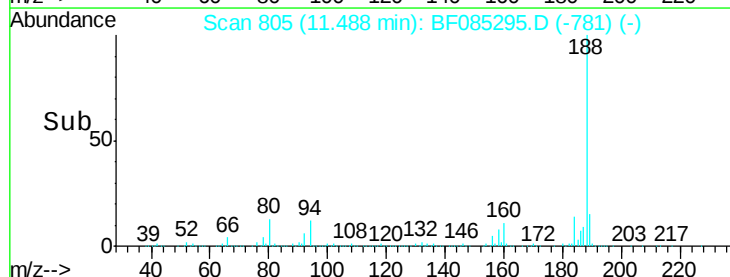
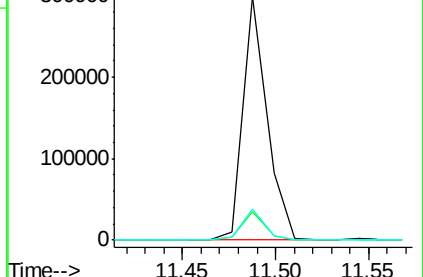
80 12.7 7.4 11.0#

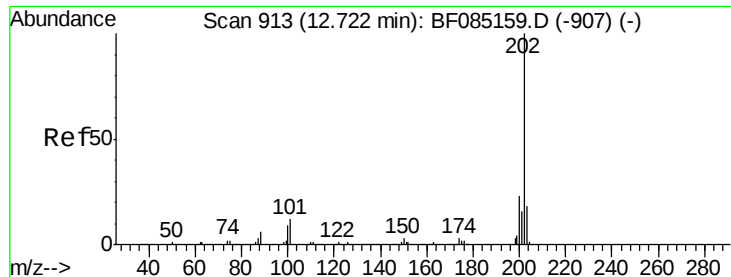


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.50 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

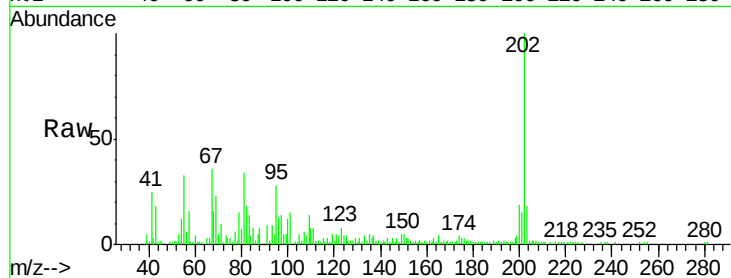
Tgt Ion:202 Resp: 49801

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.8

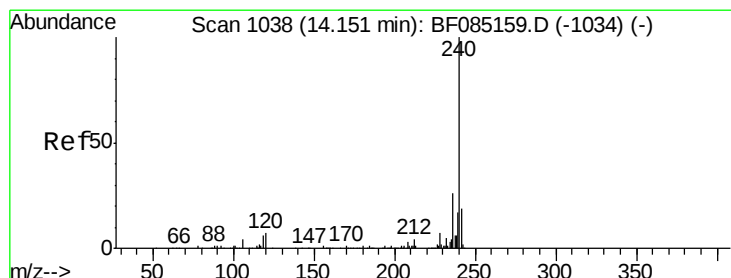
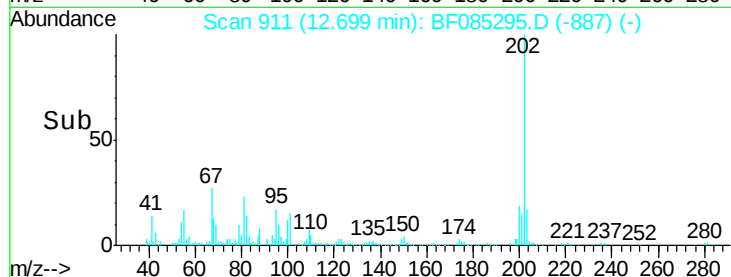
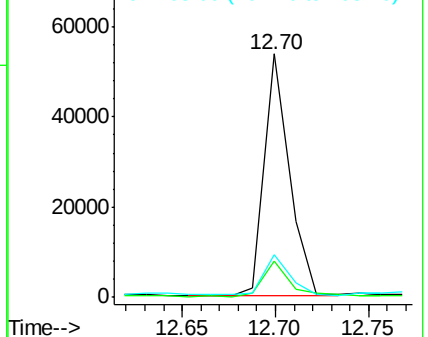
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

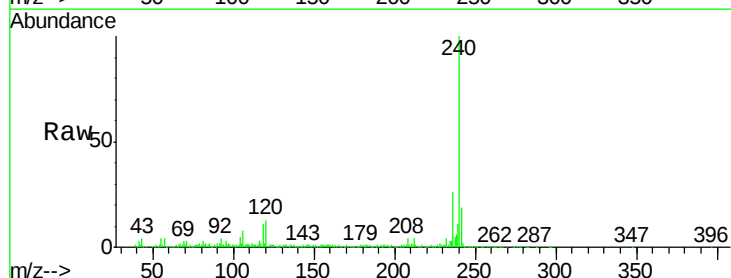
Tgt Ion:240 Resp: 256303

Ion Ratio Lower Upper

240 100

120 13.0 5.3 7.9#

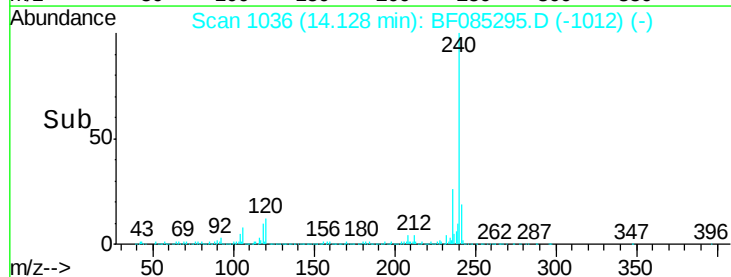
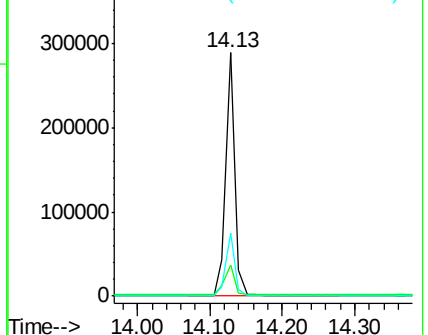
236 25.9 20.7 31.1

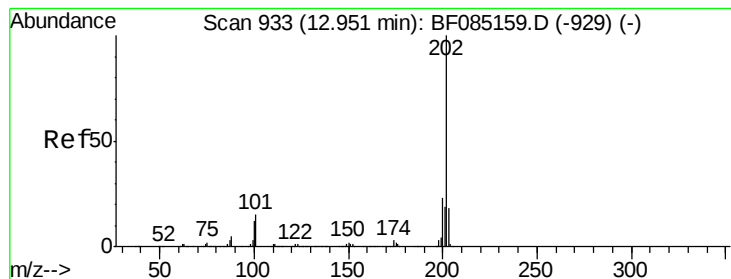


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.59 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

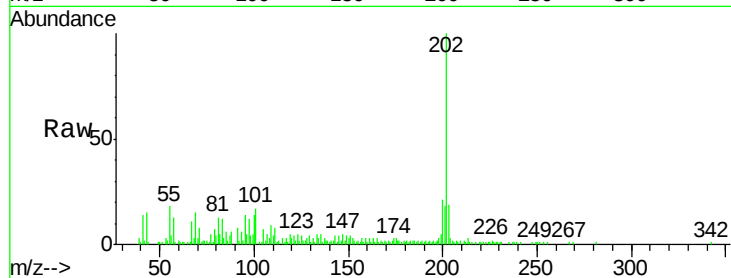
Tgt Ion:202 Resp: 49868

Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.4

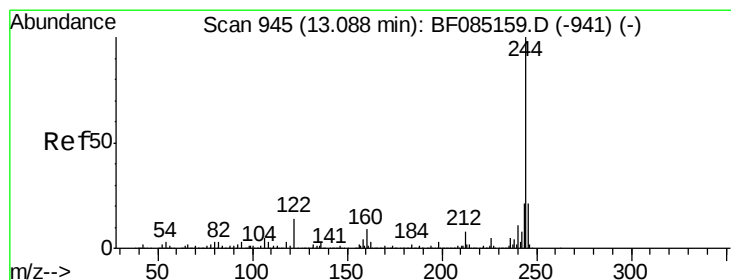
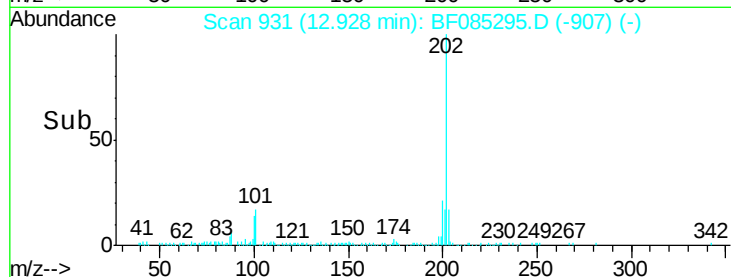
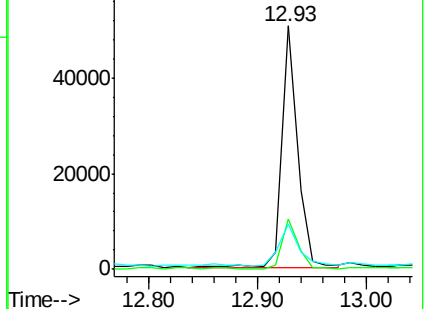
203 18.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.16 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

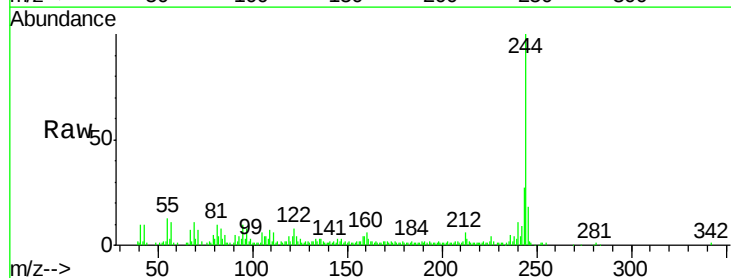
Tgt Ion:244 Resp: 90134

Ion Ratio Lower Upper

244 100

212 6.4 6.4 9.6

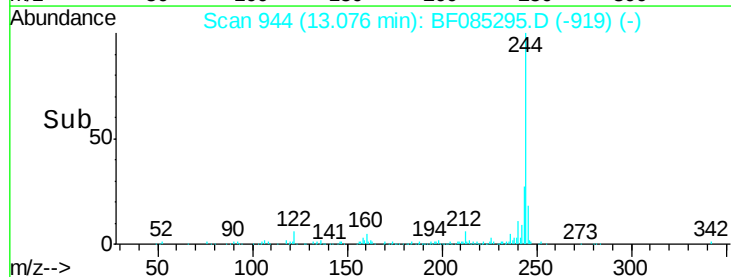
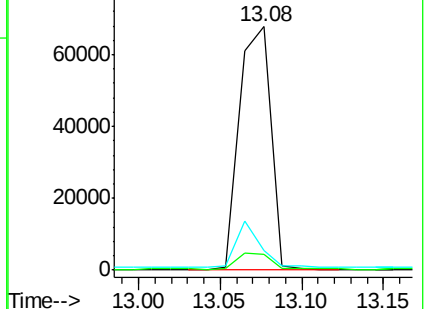
122 7.9 11.4 17.2#

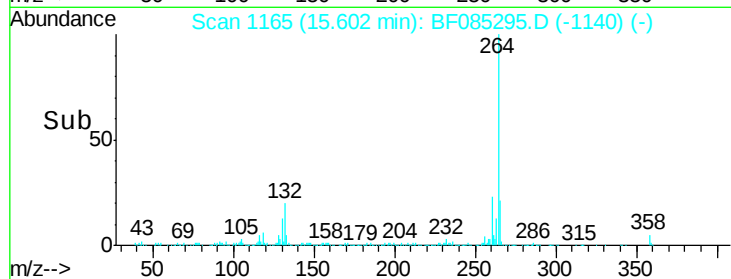
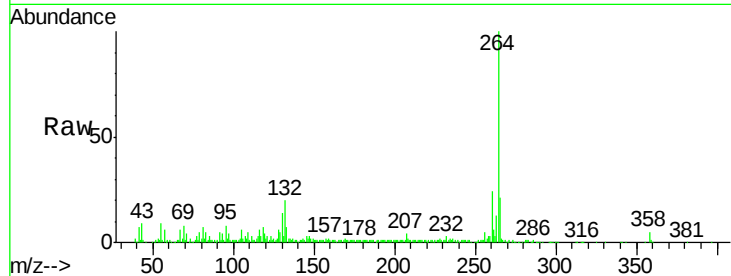
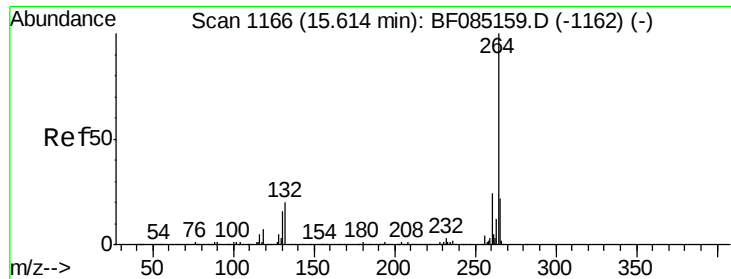


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Tgt Ion: 264 Resp: 220710
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.5 17.3 25.9

