

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087545.D
 Acq On : 30 May 2016 11:54
 Operator : UM/SJ
 Sample : H3295-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW2-GW

Quant Time: May 31 01:11:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

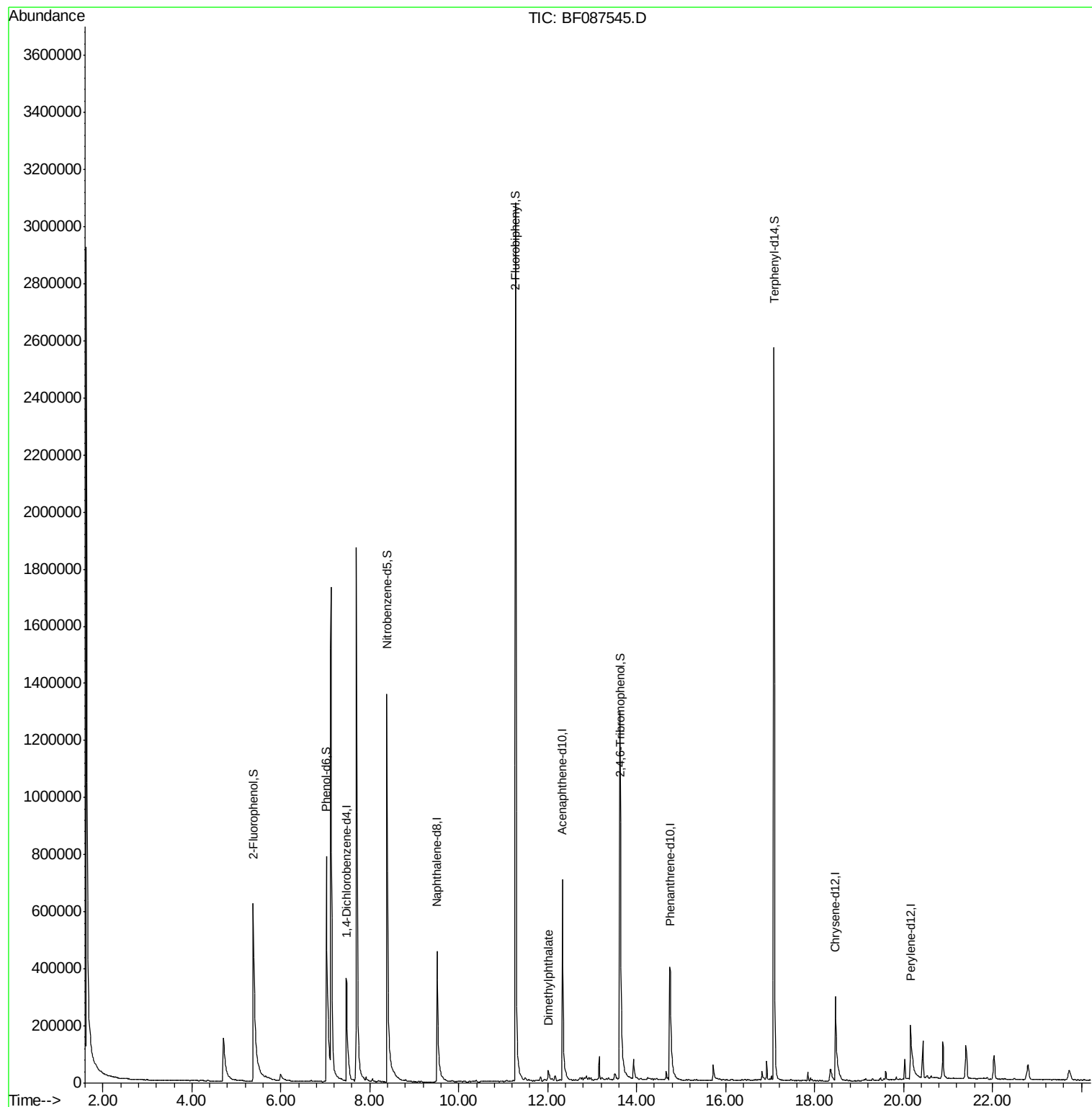
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	121919	20.00	ng	0.01
21) Naphthalene-d8	9.51	136	494407	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	218216	20.00	ng	0.00
63) Phenanthrene-d10	14.75	188	408019	20.00	ng	0.01
75) Chrysene-d12	18.47	240	273061	20.00	ng	0.02
86) Perylene-d12	20.16	264	220106	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	442916	63.84	ng	0.01
7) Phenol-d6	7.03	99	505755	53.94	ng	-0.01
23) Nitrobenzene-d5	8.39	82	759070	77.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	246491	117.54	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1265082	81.73	ng	-0.01
78) Terphenyl-d14	17.09	244	1006890	78.39	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.01	163	37845	2.16	ng	100

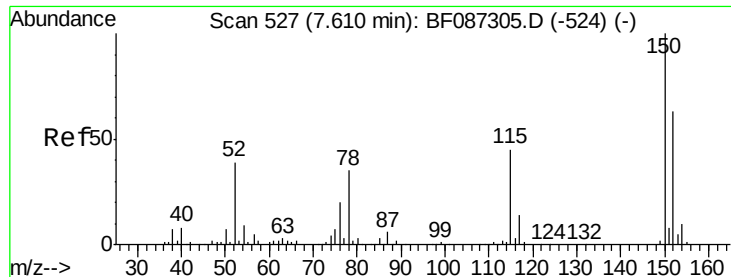
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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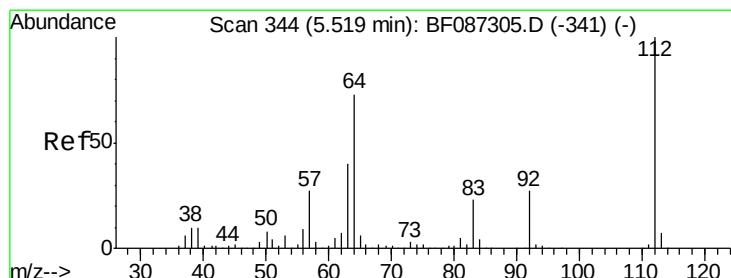
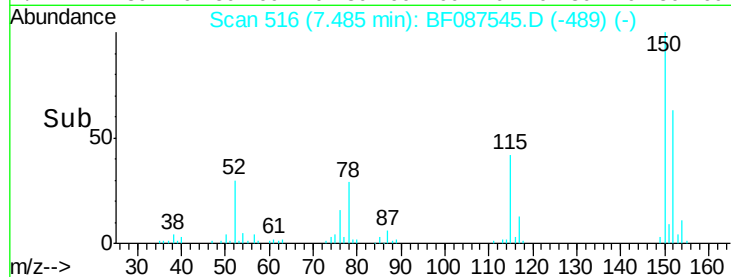
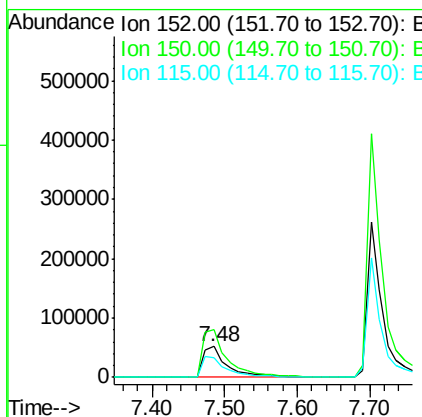
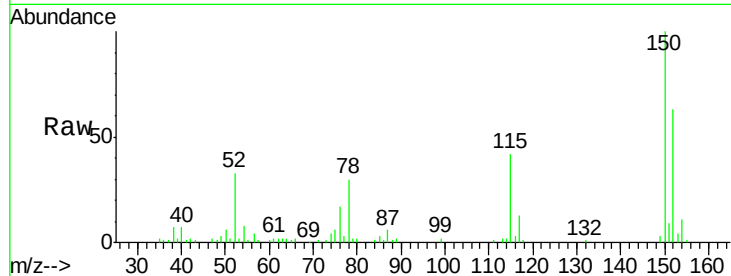


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW2-GW

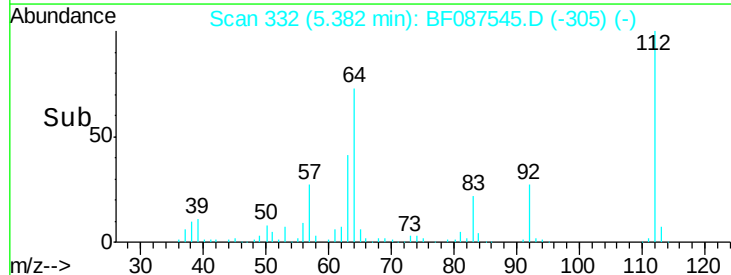
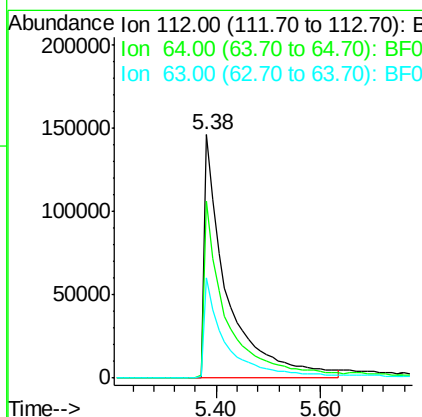
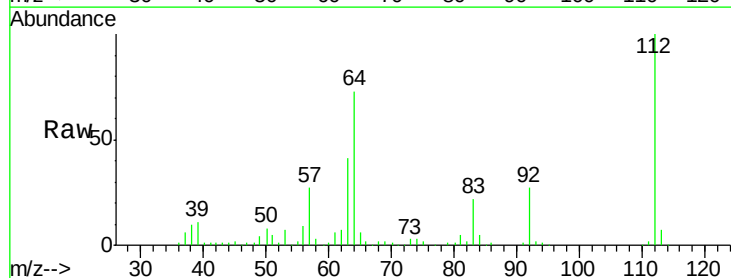
Tot Ion:152 Resp: 121919
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.8 188.6
 115 66.0 51.5 77.3

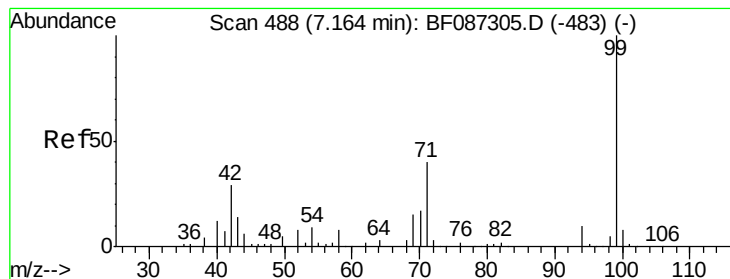


#5

2-Fluorophenol
 Concen: 63.84 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Tgt Ion:112 Resp: 442916
 Ion Ratio Lower Upper
 112 100
 64 72.6 52.1 78.1
 63 41.4 25.7 38.5#





#7

Phenol-d6

Concen: 53.94 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

R1-MW2-GW

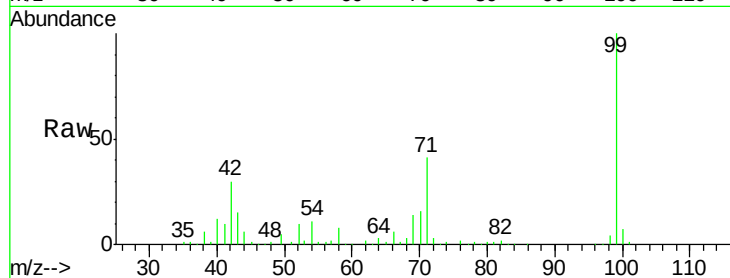
Tot Ion: 99 Resp: 505755

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

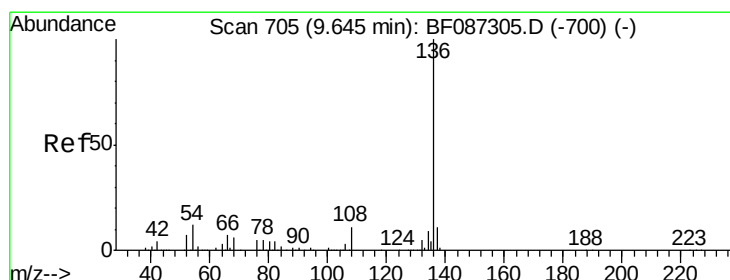
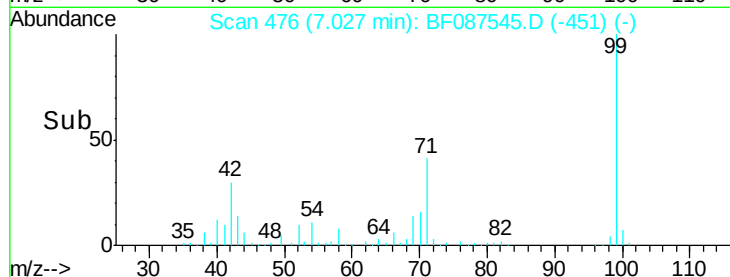
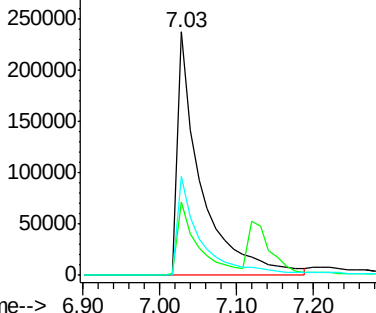
71 40.5 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

Tgt Ion: 136 Resp: 494407

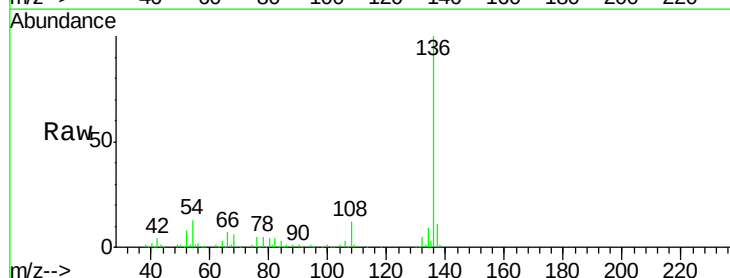
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.7 5.0 7.4#

68 6.0 4.4 6.6

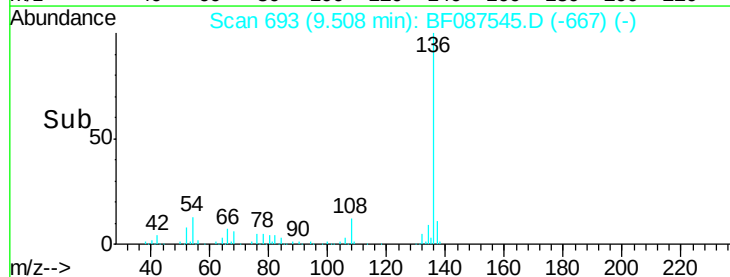
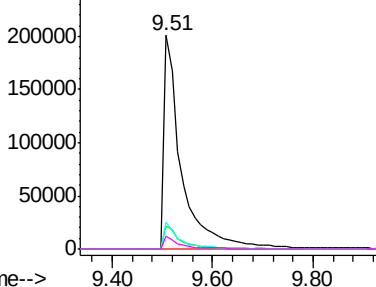


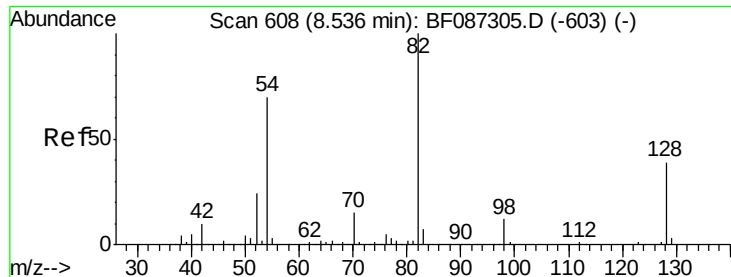
Abundance Ion 136.00 (135.70 to 136.70): E

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

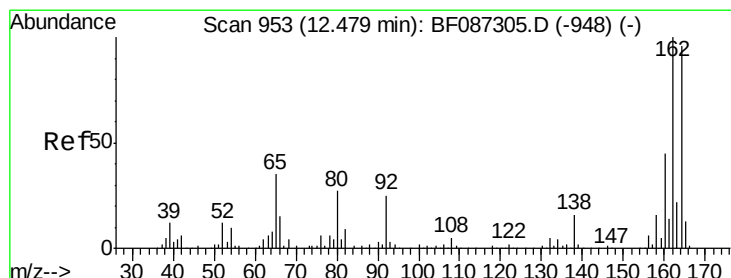
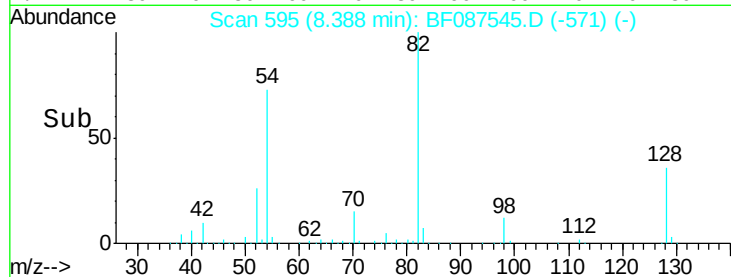
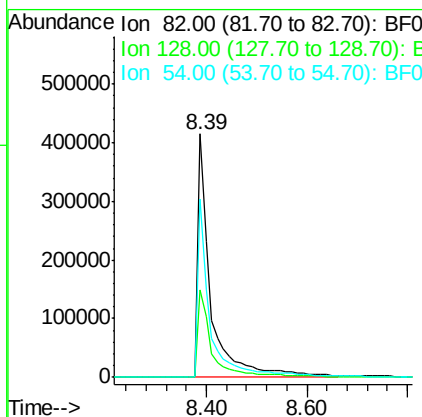
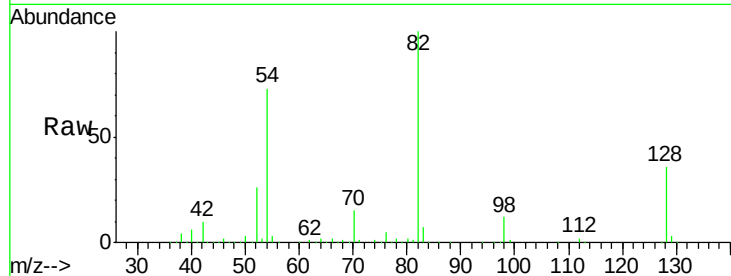




#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

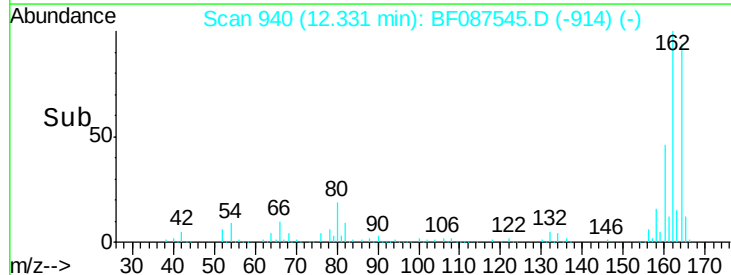
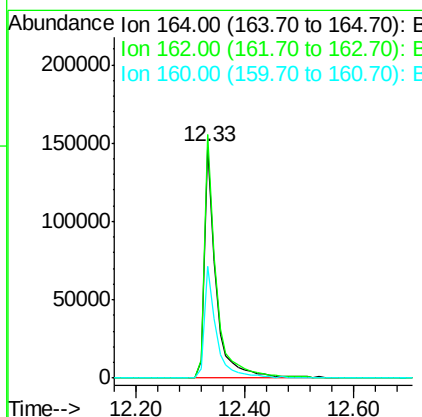
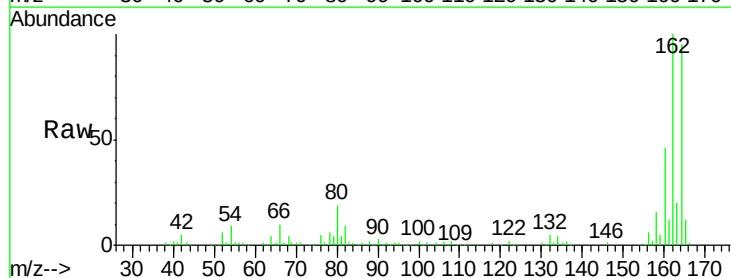
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW2-GW

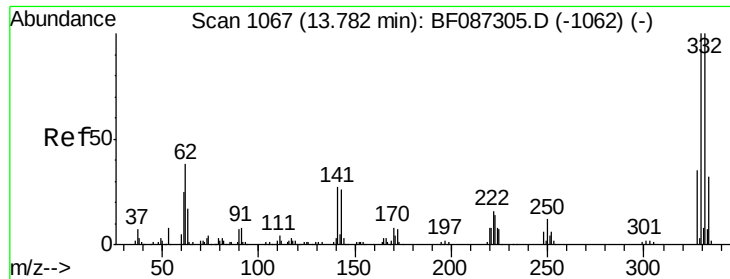
Tot Ion: 82 Resp: 759070
 Ion Ratio Lower Upper
 82 100
 128 35.7 40.6 61.0#
 54 73.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Tgt Ion: 164 Resp: 218216
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.8 124.2
 160 48.2 36.9 55.3

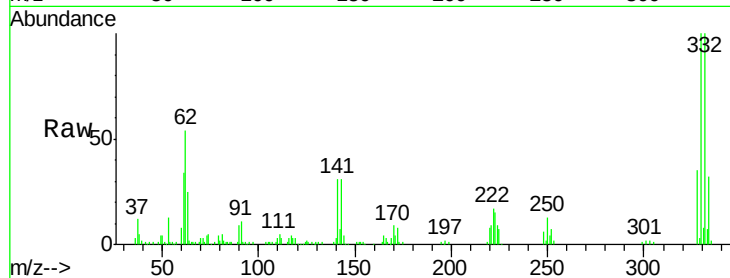




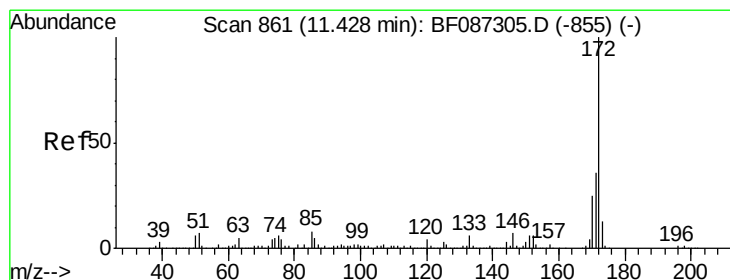
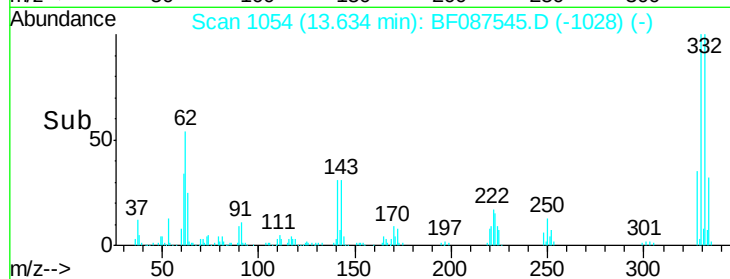
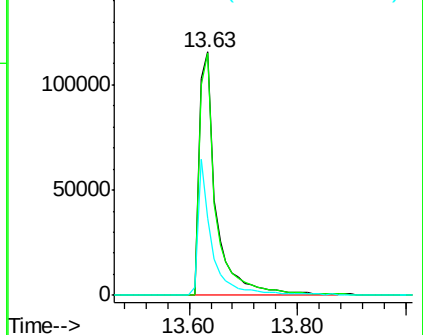
#41
 2,4,6-Tribromophenol
 Concen: 117.54 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW2-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	45.8	31.2	46.8

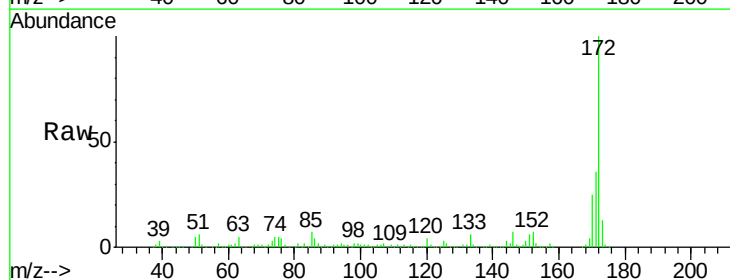


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

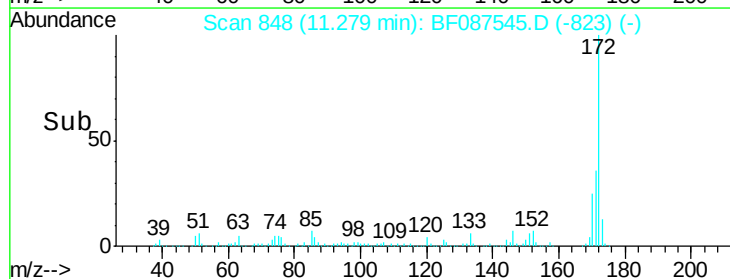
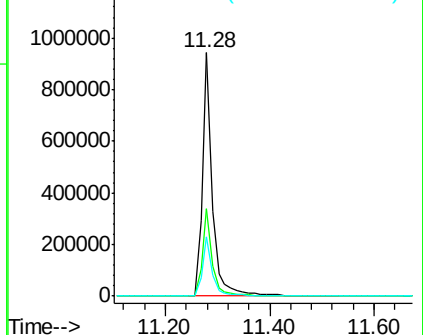


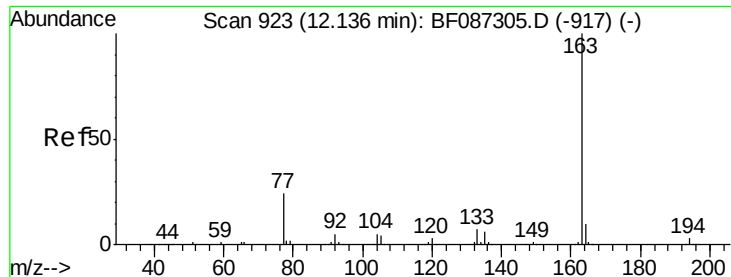
#44
 2-Fluorobiphenyl
 Concen: 81.73 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8



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: 2.16 ng

RT: 12.01 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

R1-MW2-GW

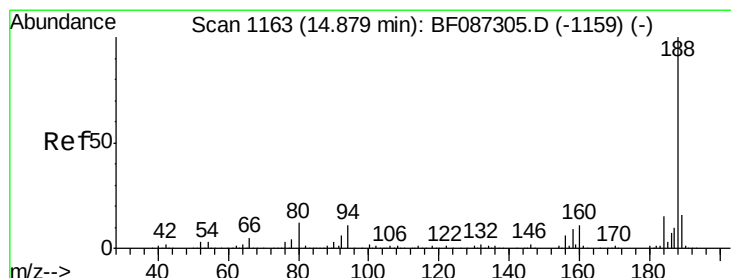
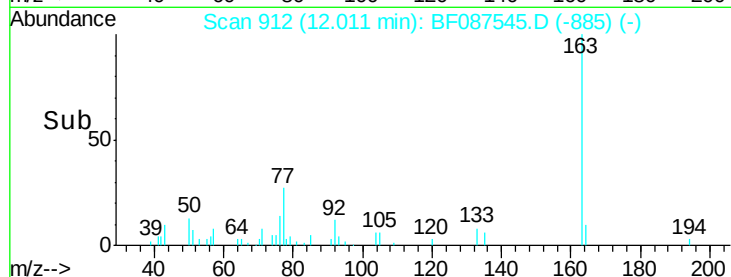
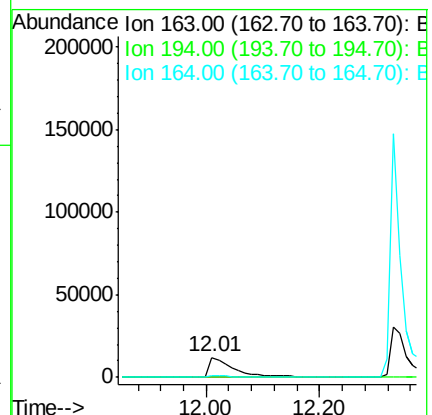
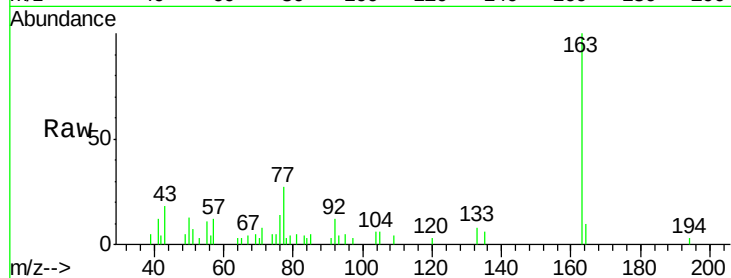
Tot Ion:163 Resp: 37845

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 10.4 8.2 12.4



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

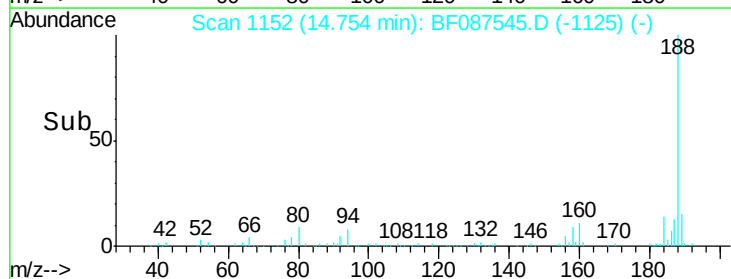
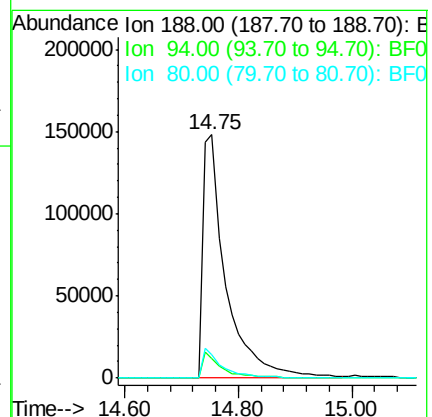
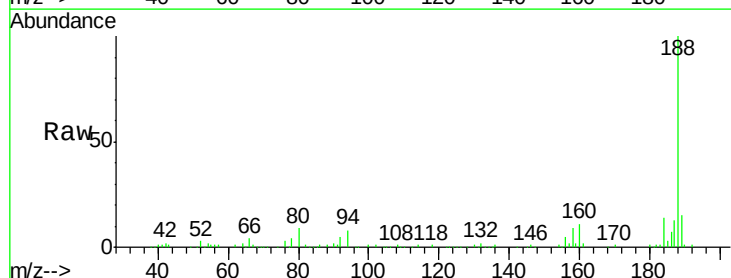
Tgt Ion:188 Resp: 408019

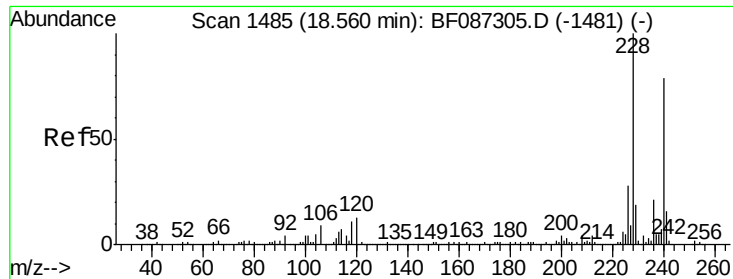
Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 9.4 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

R1-MW2-GW

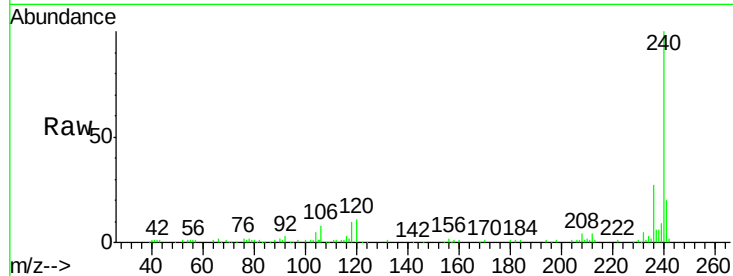
Tot Ion:240 Resp: 273061

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

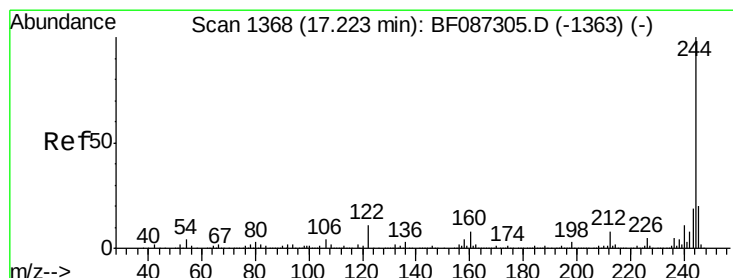
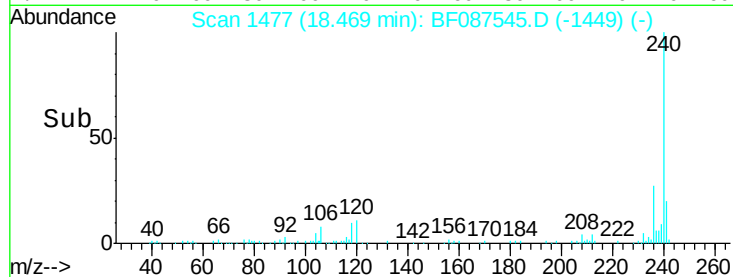
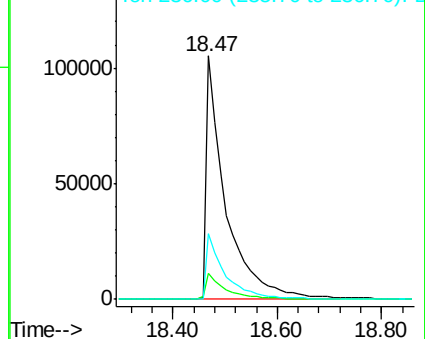
236 27.0 21.2 31.8



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: 78.39 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087545.D

Acq: 30 May 2016 11:54

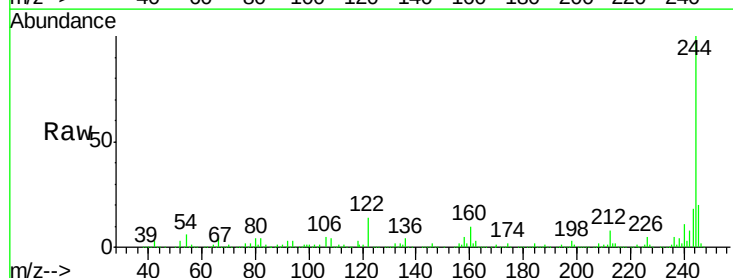
Tgt Ion:244 Resp: 1006890

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

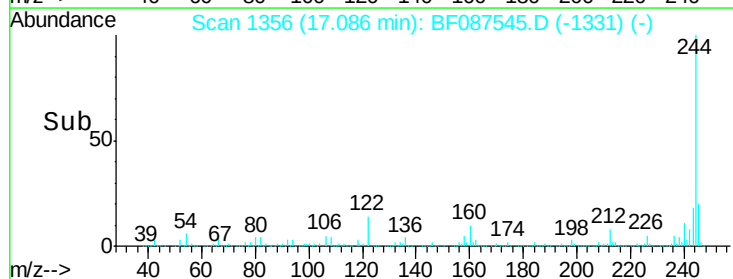
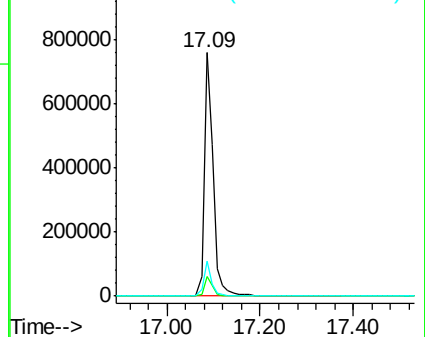
122 14.2 12.0 18.0

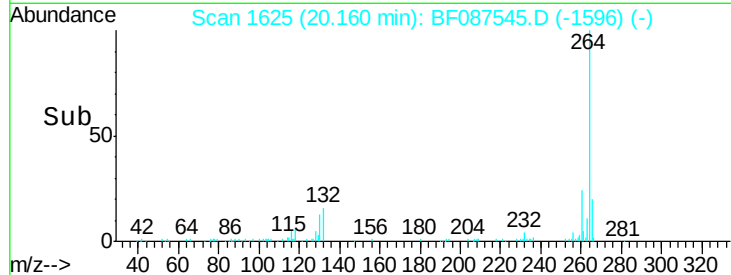
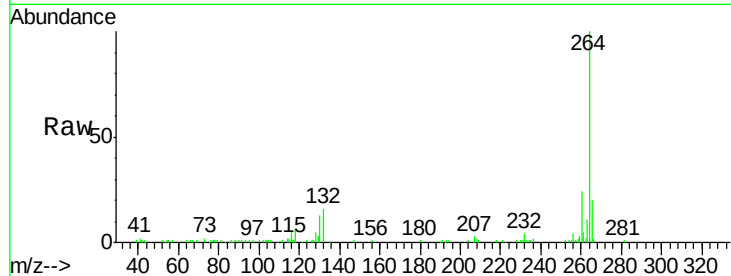
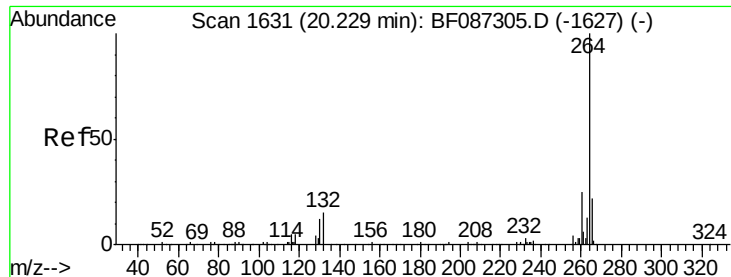


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.16 min Scan# 1625
 Delta R.T. 0.03 min
 Lab File: BF087545.D
 Acq: 30 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW2-GW

Tot Ion:264	Resp:	220106
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.5 29.3
265	20.2	17.3 25.9

