

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087531.D
 Acq On : 30 May 2016 2:15
 Operator : UM/SJ
 Sample : H3222-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: May 30 07:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

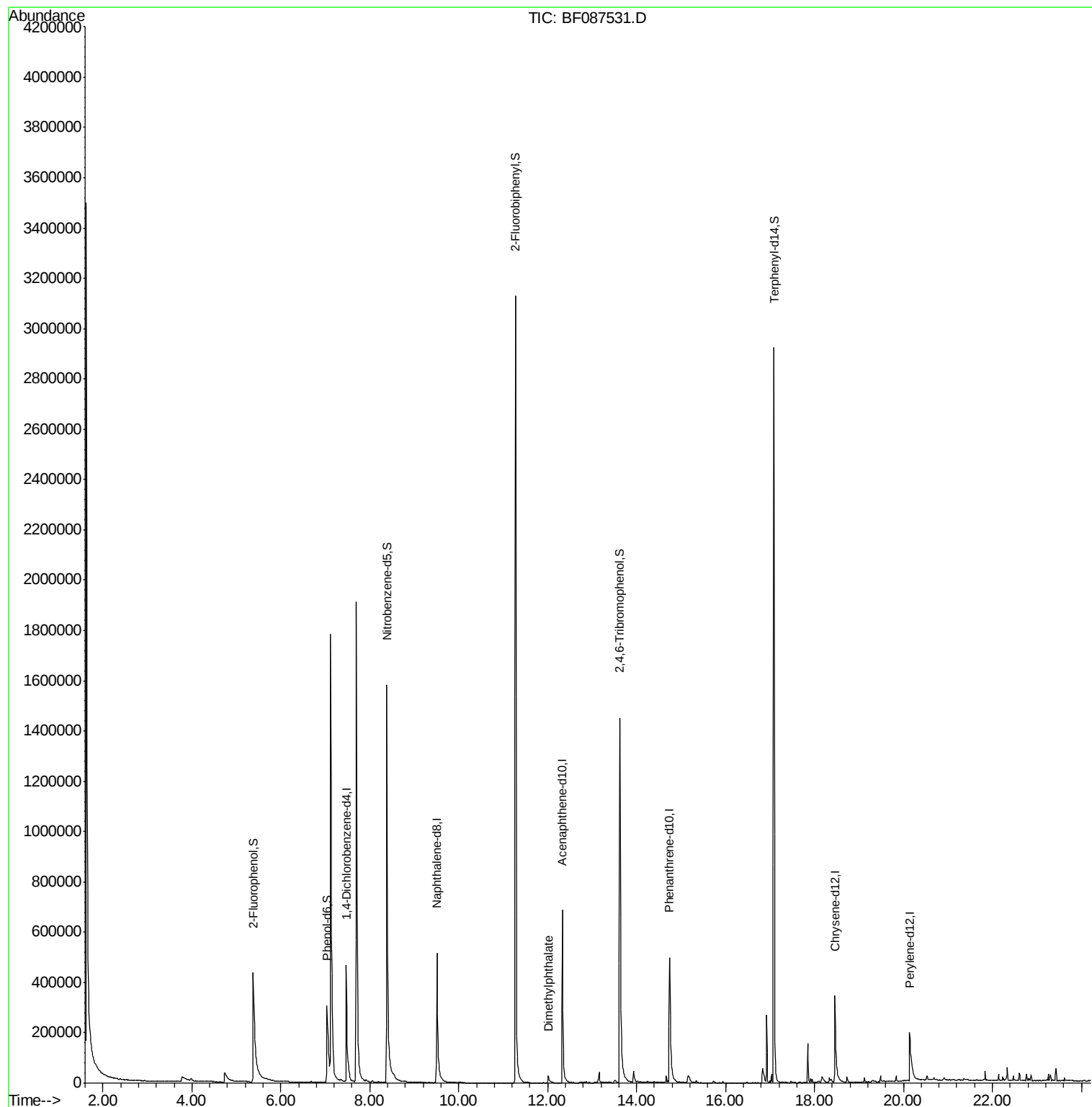
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	117816	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	456901	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	216435	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	398393	20.00	ng	0.00
75) Chrysene-d12	18.46	240	270228	20.00	ng	0.01
86) Perylene-d12	20.14	264	209753	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	327203	48.80	ng	0.01
7) Phenol-d6	7.04	99	248386	27.42	ng	0.00
23) Nitrobenzene-d5	8.39	82	746893	82.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	244431	117.52	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1288947	83.96	ng	-0.01
78) Terphenyl-d14	17.09	244	1083954	85.28	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.01	163	35575	2.05	ng	98

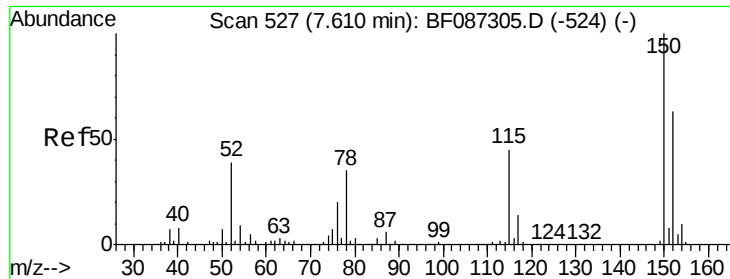
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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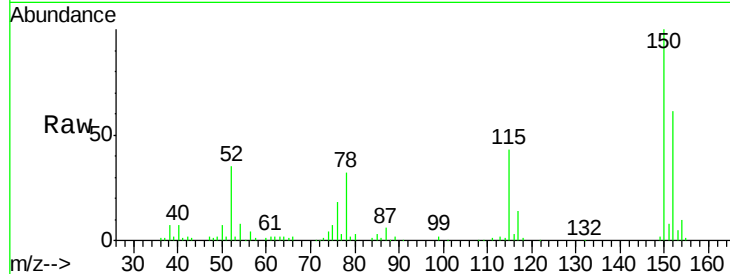


#1

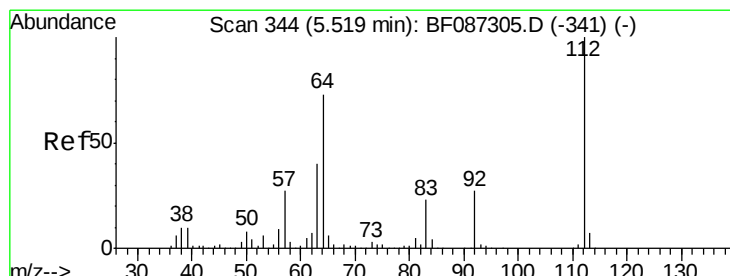
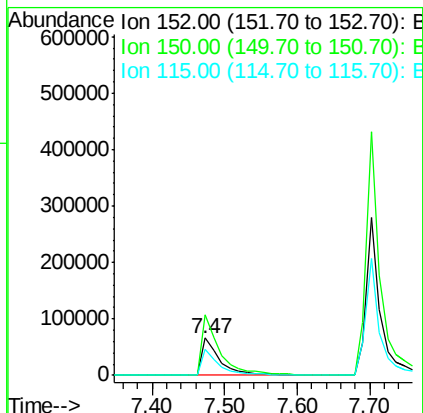
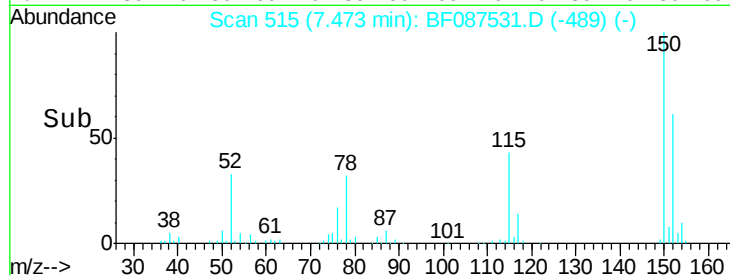
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087531.D
Acq: 30 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:152 Resp: 117816
Ion Ratio Lower Upper
152 100
150 163.5 125.8 188.6
115 70.2 51.5 77.3



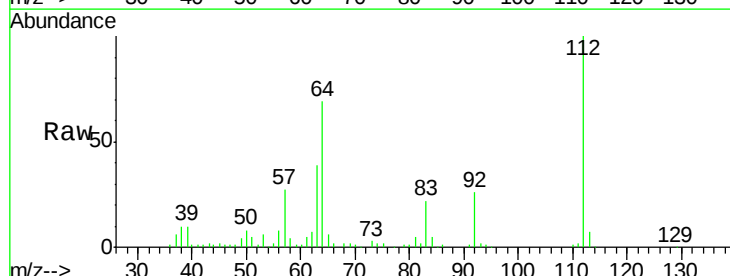
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



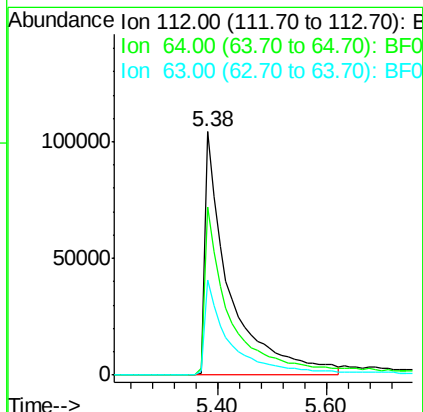
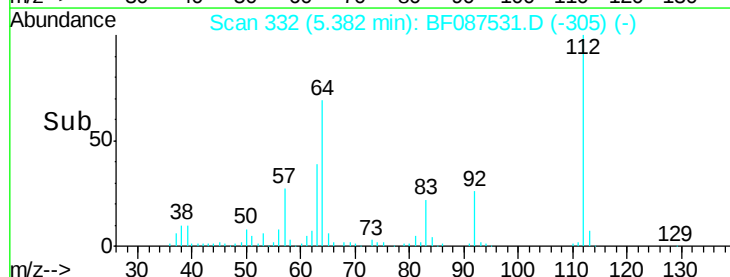
#5

2-Fluorophenol
Concen: 48.80 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF087531.D
Acq: 30 May 2016 2:15

Tgt Ion:112 Resp: 327203
Ion Ratio Lower Upper
112 100
64 69.2 52.1 78.1
63 39.3 25.7 38.5#



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: 27.42 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087531.D

Acq: 30 May 2016 2:15

Instrument :

BNA_F

ClientSampleId :

MW-12

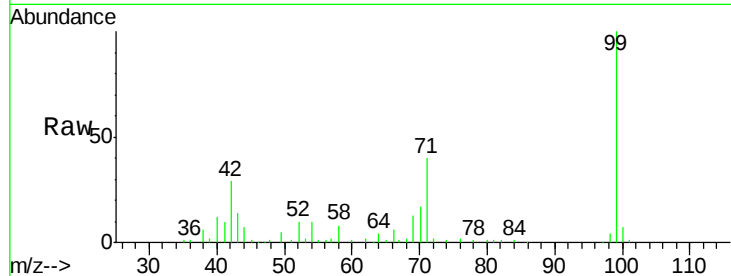
Tot Ion: 99 Resp: 248386

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

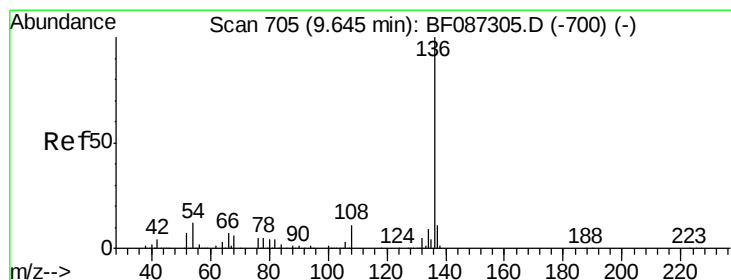
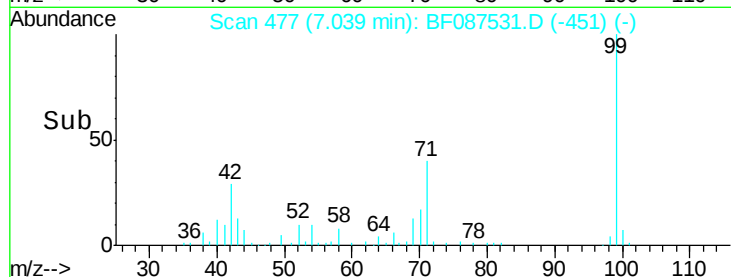
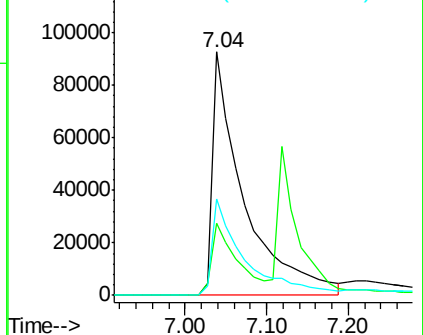
71 39.7 24.6 36.8#



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: BF087531.D

Acq: 30 May 2016 2:15

Tgt Ion: 136 Resp: 456901

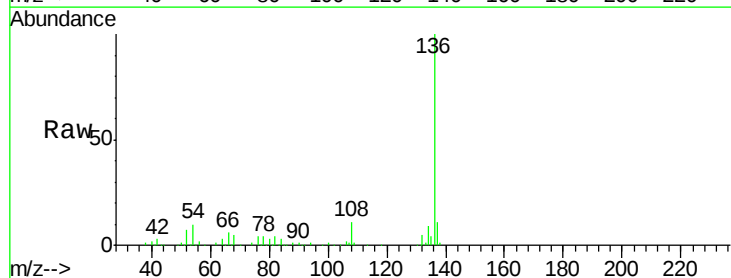
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.1 5.0 7.4#

68 4.8 4.4 6.6

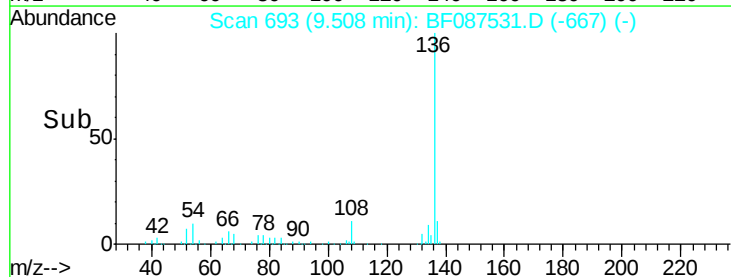
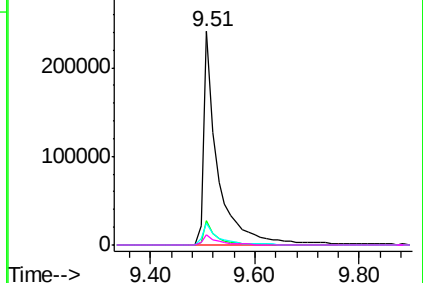


Abundance Ion 136.00 (135.70 to 136.70): E

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

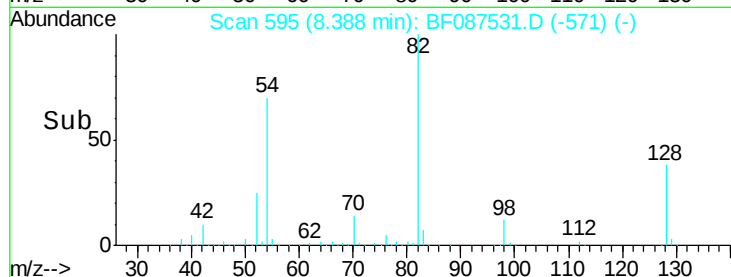
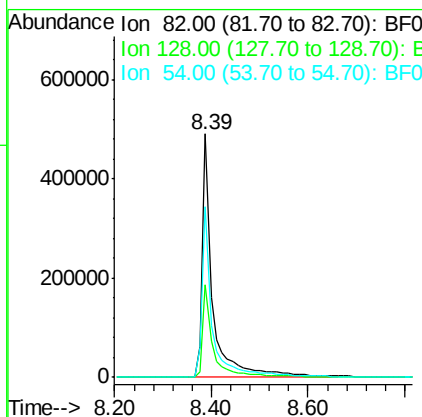
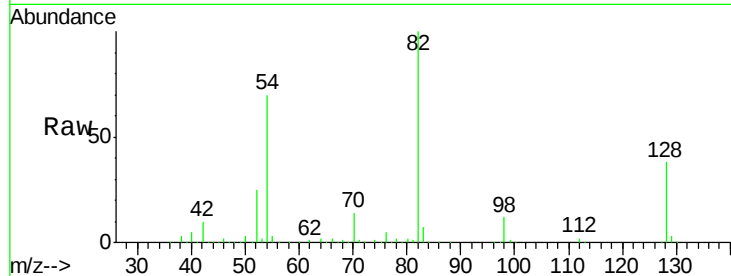




#23
 Nitrobenzene-d5
 Concen: 82.39 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087531.D
 Acq: 30 May 2016 2:15

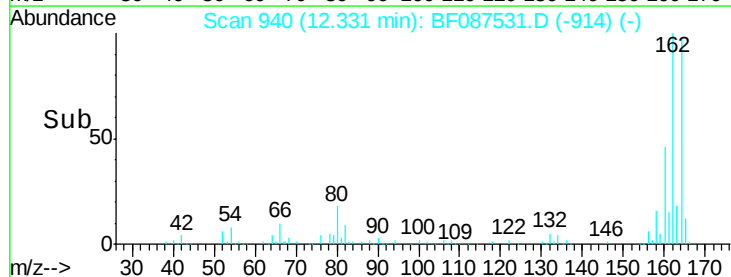
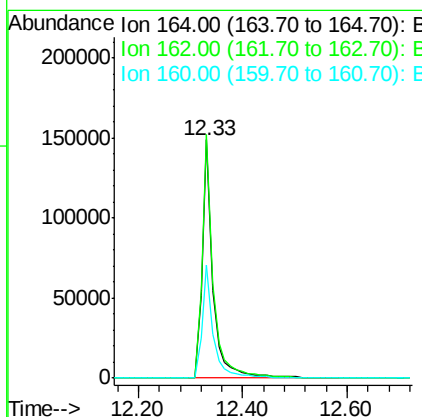
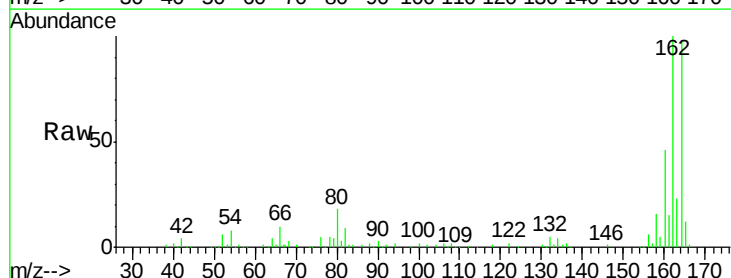
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion: 82 Resp: 746893
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 69.9 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: BF087531.D
 Acq: 30 May 2016 2:15

Tgt Ion: 164 Resp: 216435
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 47.3 36.9 55.3

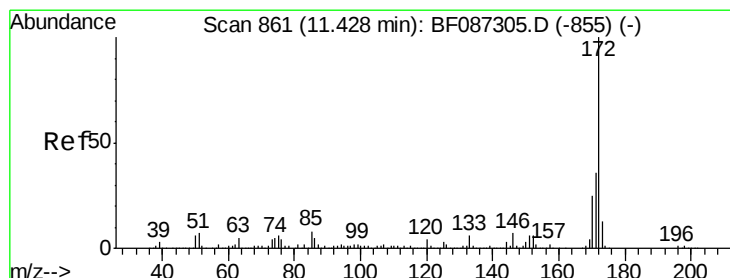
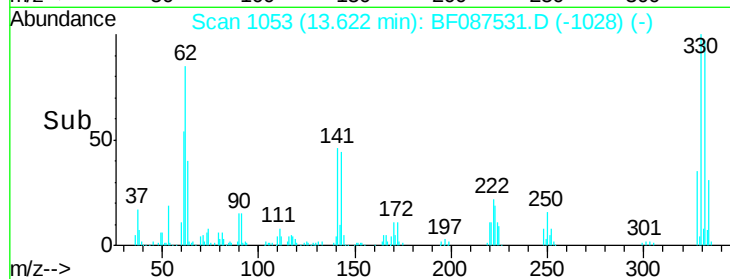
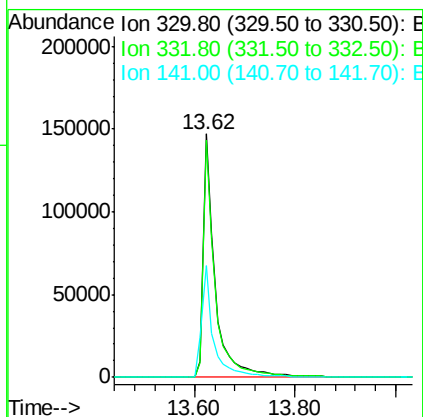
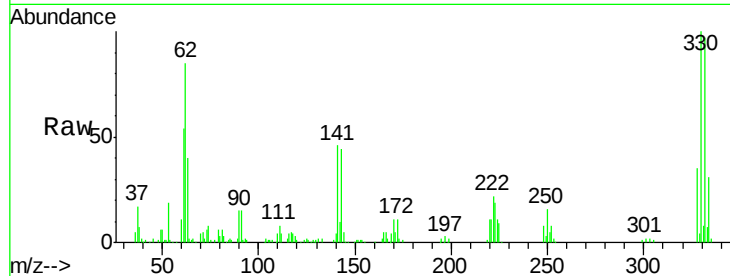




#41
 2,4,6-Tribromophenol
 Concen: 117.52 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087531.D
 Acq: 30 May 2016 2:15

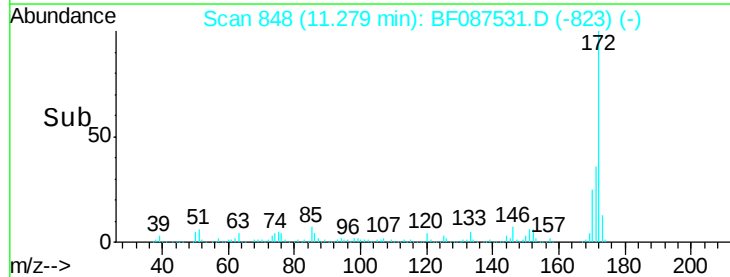
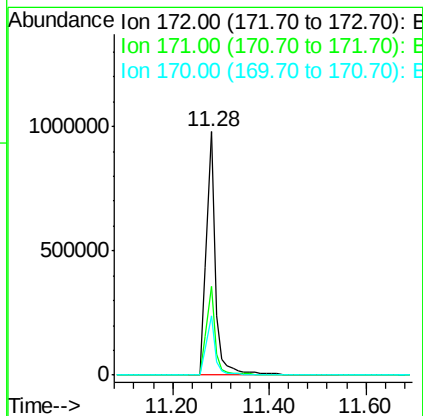
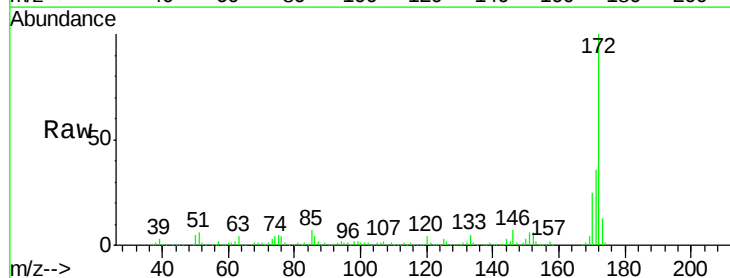
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

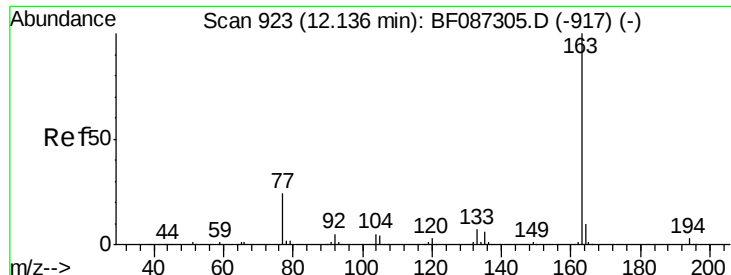
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	46.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087531.D
 Acq: 30 May 2016 2:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.8	29.8

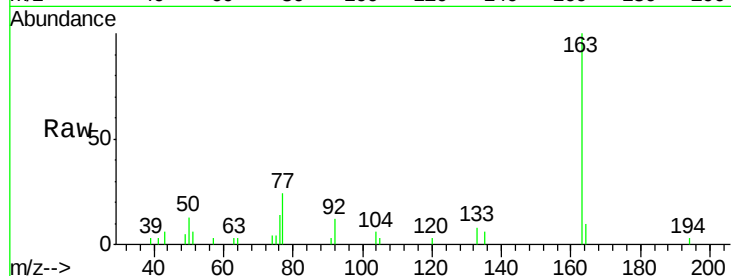




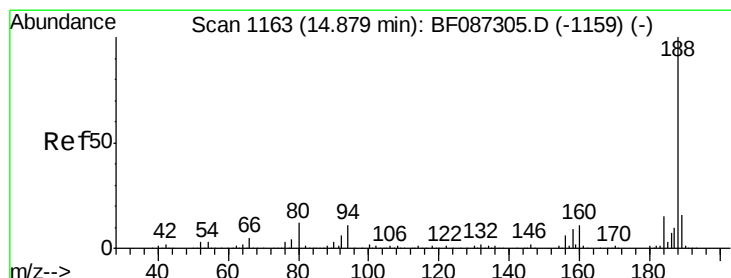
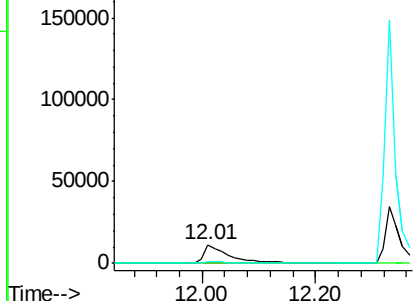
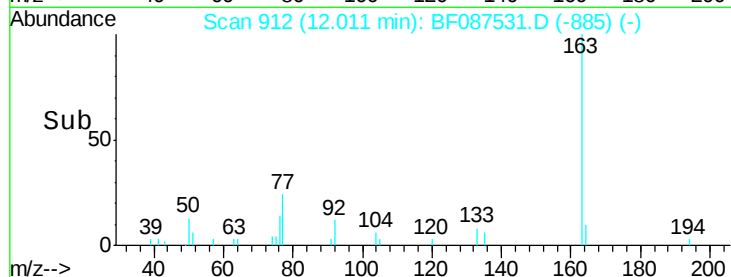
#49
Dimethylphthalate
Concen: 2.05 ng
RT: 12.01 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF087531.D
Acq: 30 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:163 Resp: 35575
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.5 8.2 12.4

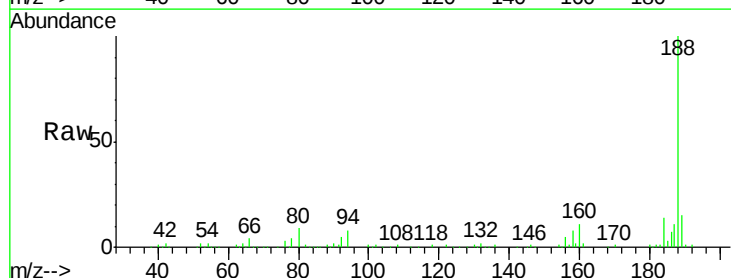


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

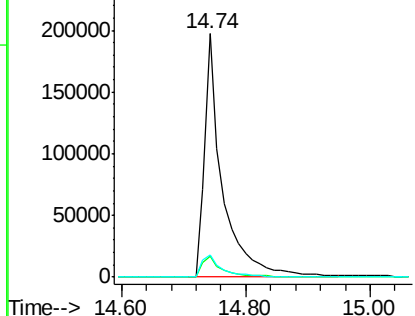
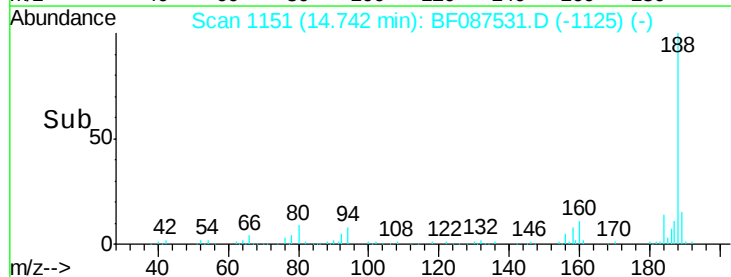


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087531.D
Acq: 30 May 2016 2:15

Tgt Ion:188 Resp: 398393
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.0 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087531.D

Acq: 30 May 2016 2:15

Instrument :

BNA_F

ClientSampleId :

MW-12

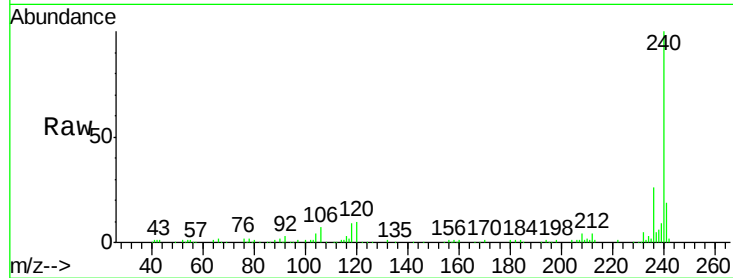
Tot Ion:240 Resp: 270228

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

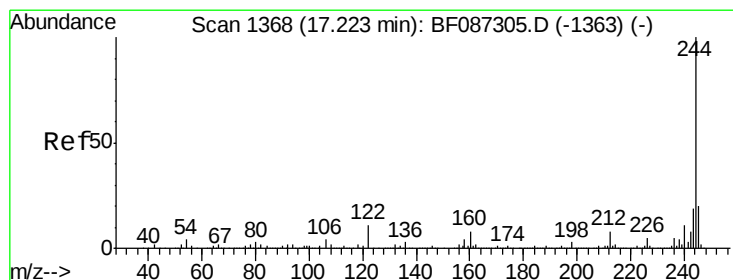
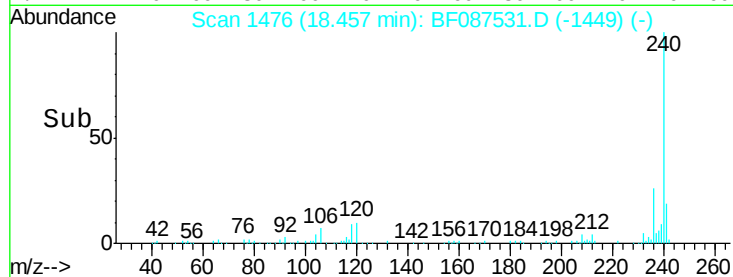
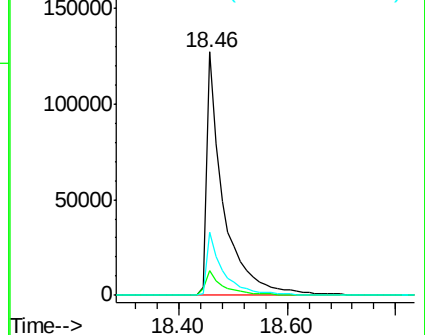
236 26.1 21.2 31.8



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: 85.28 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087531.D

Acq: 30 May 2016 2:15

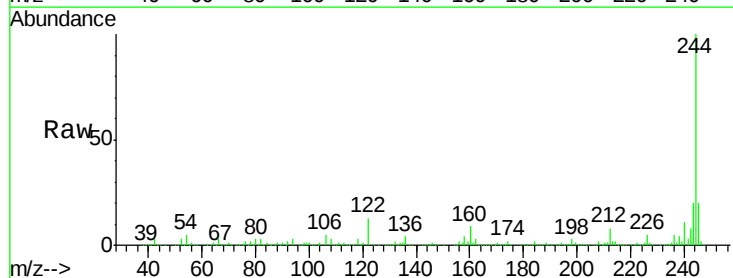
Tgt Ion:244 Resp: 1083954

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

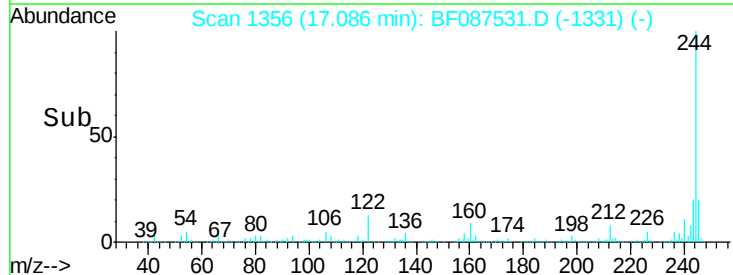
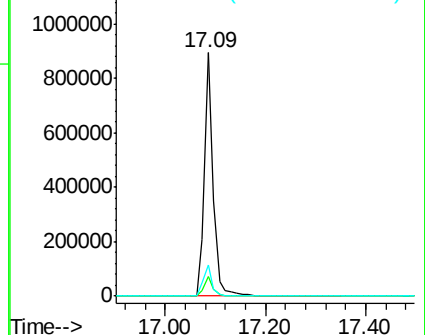
122 12.9 12.0 18.0

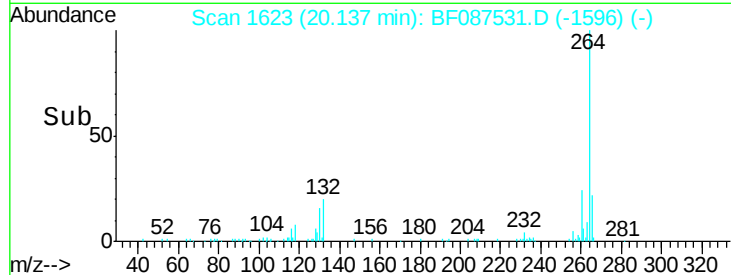
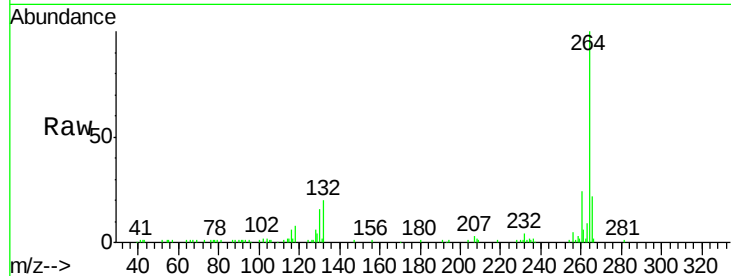
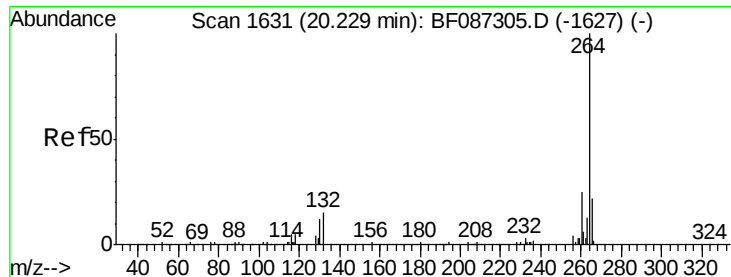


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BF087531.D
Acq: 30 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:264	Resp:	209753
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.5 29.3
265	21.5	17.3 25.9

