

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087530.D
 Acq On : 30 May 2016 1:41
 Operator : UM/SJ
 Sample : H3222-15
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: May 30 06:49:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

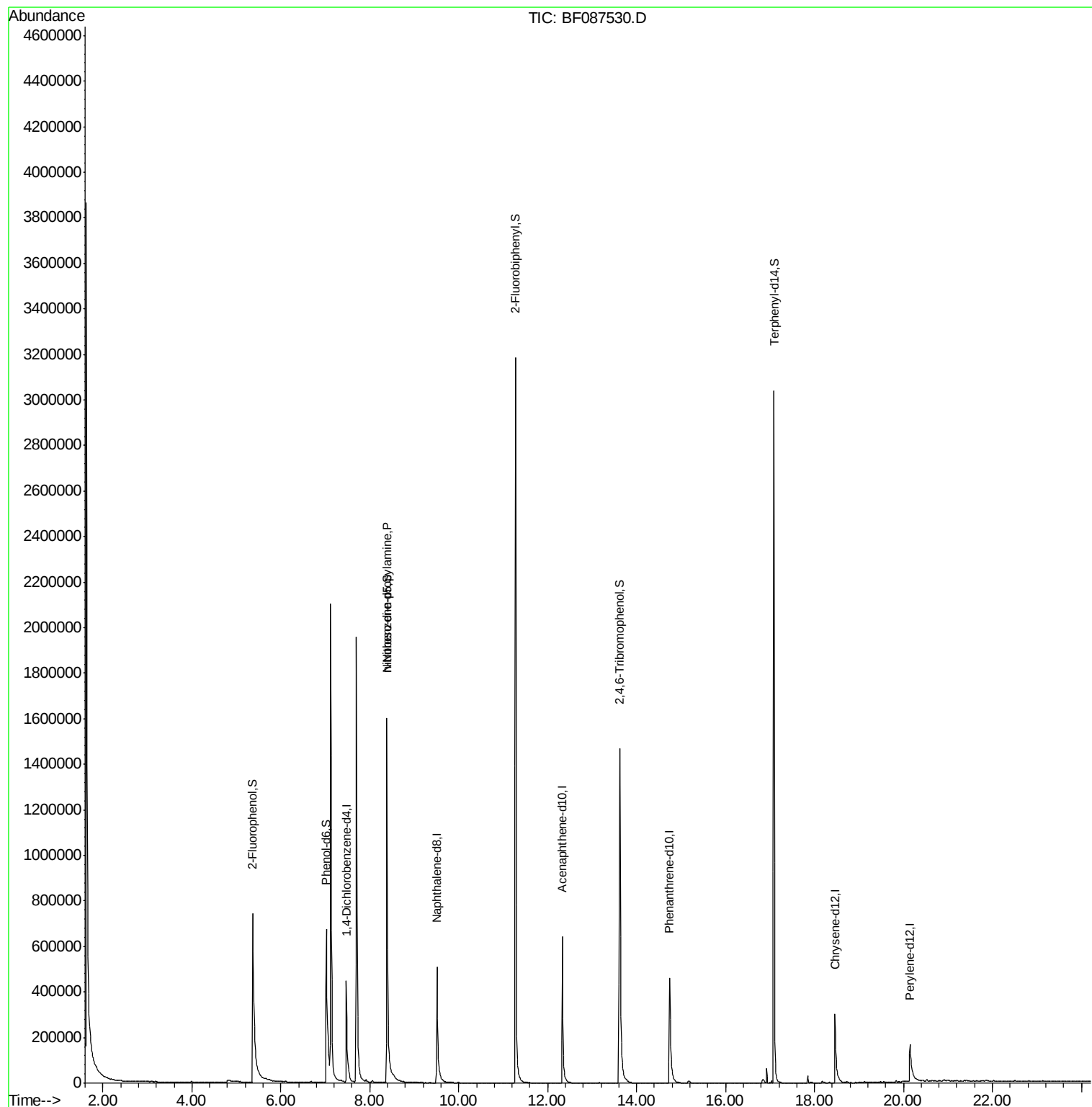
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	115482	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	446670	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	209118	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	378438	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	268464	20.00	ng	-0.02
86) Perylene-d12	20.15	264	204358	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	465030	70.76	ng	-0.05
7) Phenol-d6	7.03	99	486218	54.75	ng	-0.05
23) Nitrobenzene-d5	8.39	82	754198	85.10	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	247108	122.97	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1298864	87.56	ng	-0.06
78) Terphenyl-d14	17.09	244	1134004	89.80	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.39	70	93116	14.06	ng	Qvalue # 75

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

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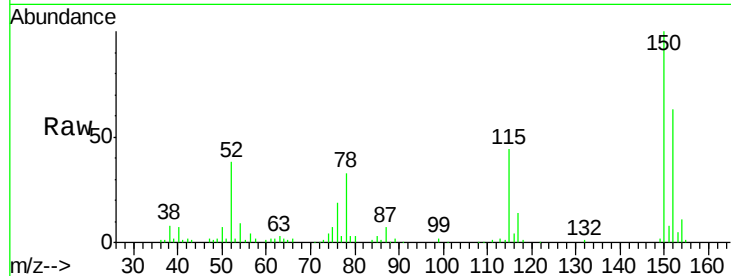


#1

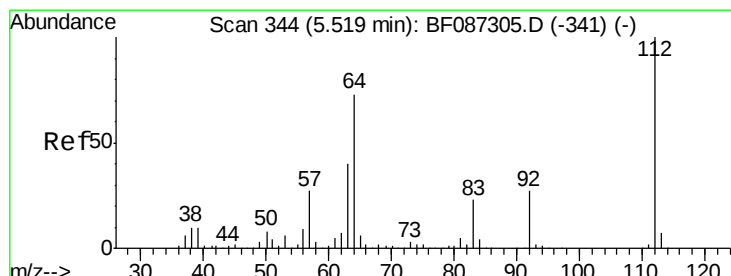
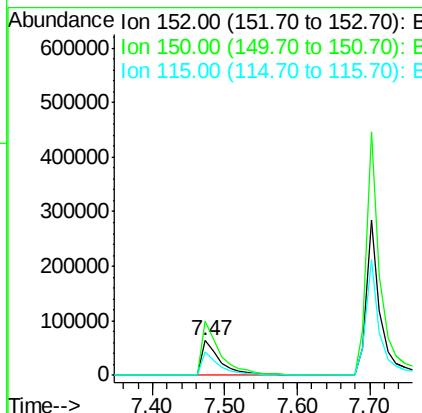
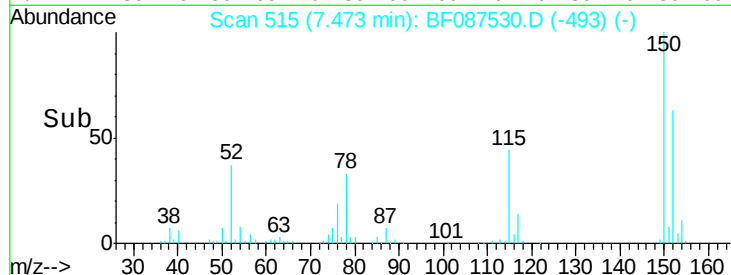
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087530.D
Acq: 30 May 2016 1:41

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 115482
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 69.1 51.5 77.3



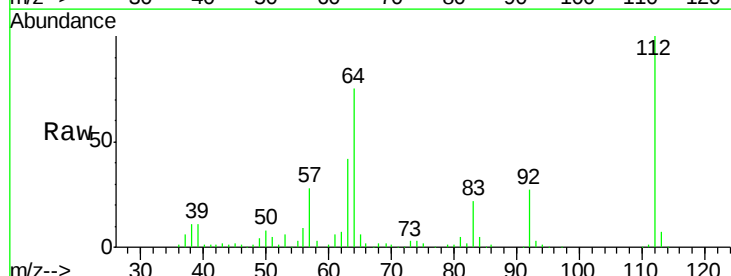
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



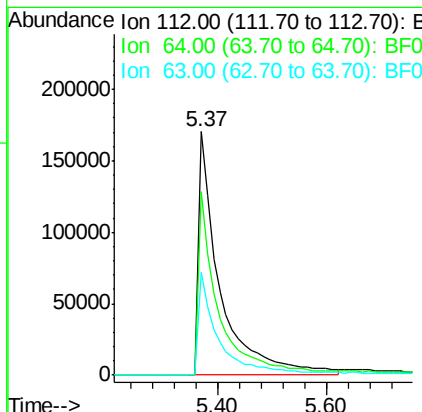
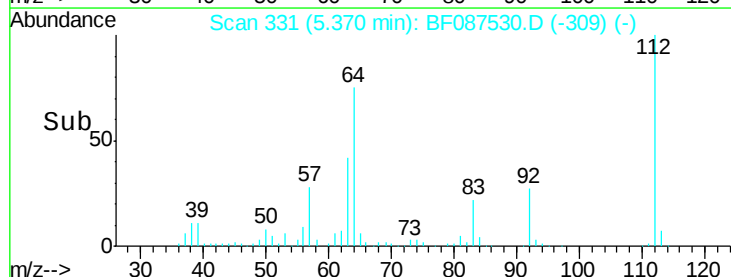
#5

2-Fluorophenol
Concen: 70.76 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.05 min
Lab File: BF087530.D
Acq: 30 May 2016 1:41

Tgt Ion:112 Resp: 465030
Ion Ratio Lower Upper
112 100
64 75.1 52.1 78.1
63 42.2 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: 54.75 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

Instrument :

BNA_F

ClientSampled :

MW-28

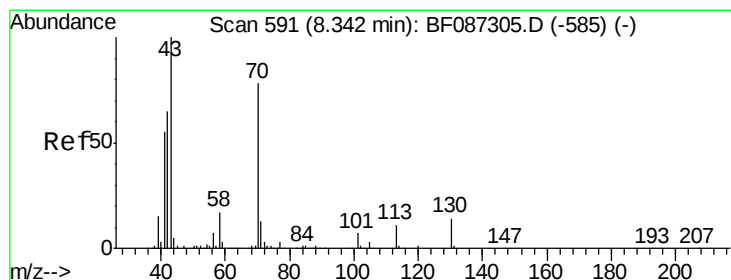
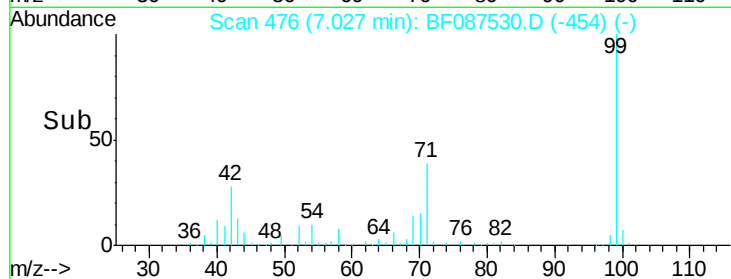
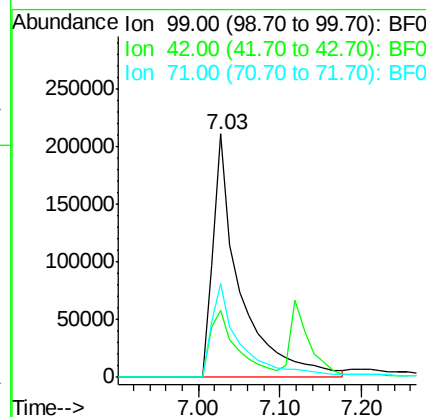
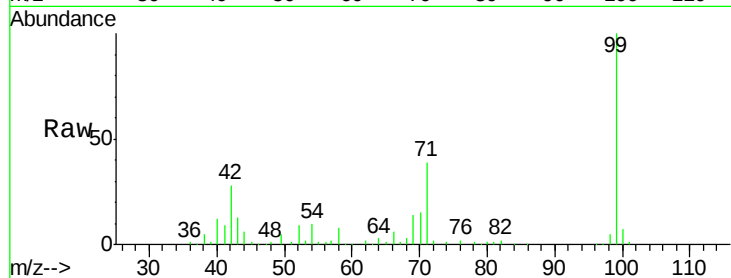
Tgt Ion: 99 Resp: 486218

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

71 38.6 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

Tgt Ion: 70 Resp: 93116

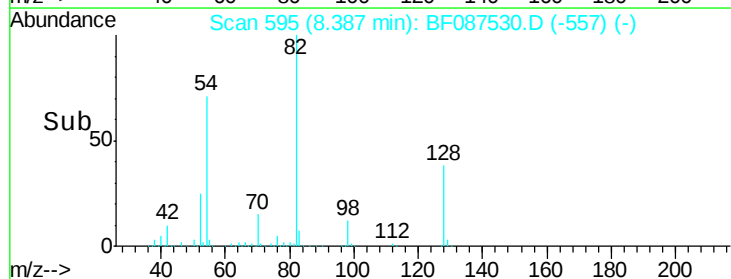
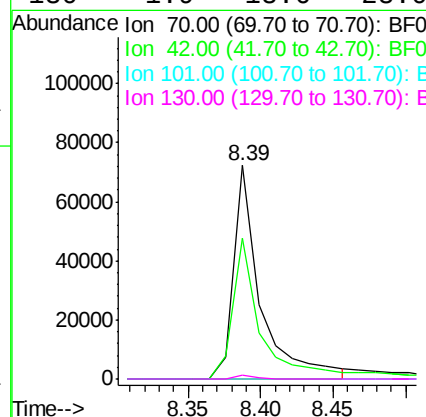
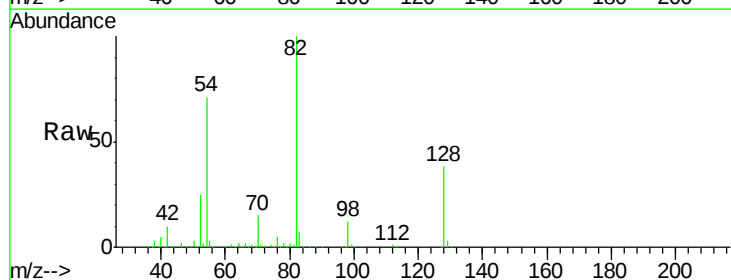
Ion Ratio Lower Upper

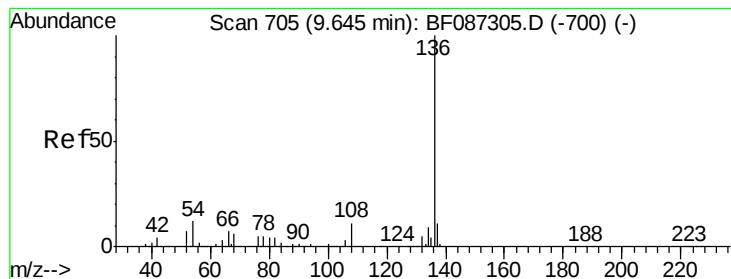
70 100

42 65.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

Instrument :

BNA_F

ClientSampleId :

MW-28

Tgt Ion:136 Resp: 446670

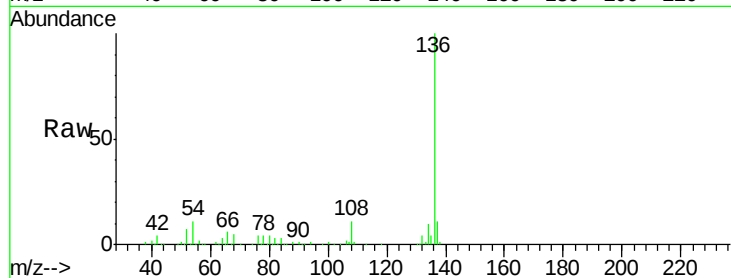
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.9 5.0 7.4#

68 5.2 4.4 6.6

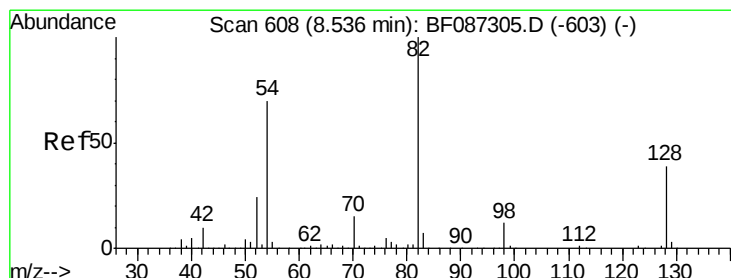
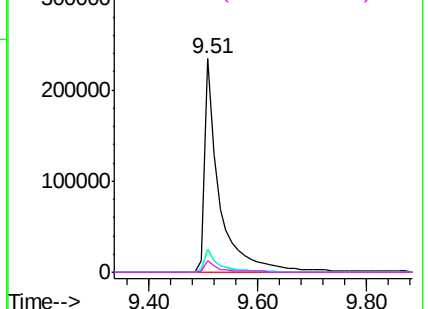
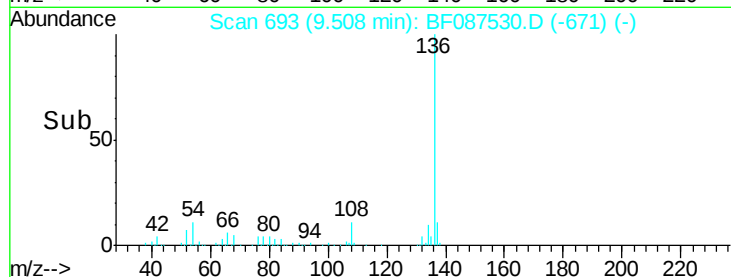


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.10 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

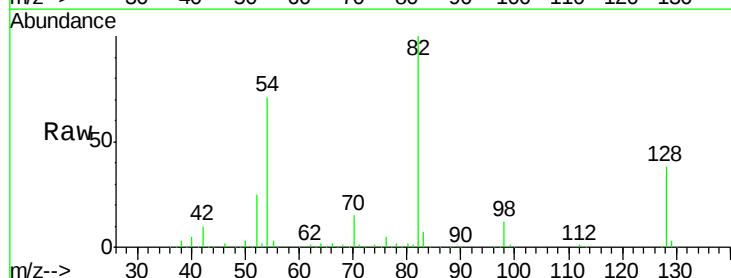
Tgt Ion: 82 Resp: 754198

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

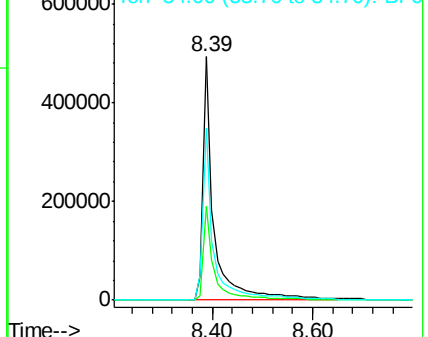
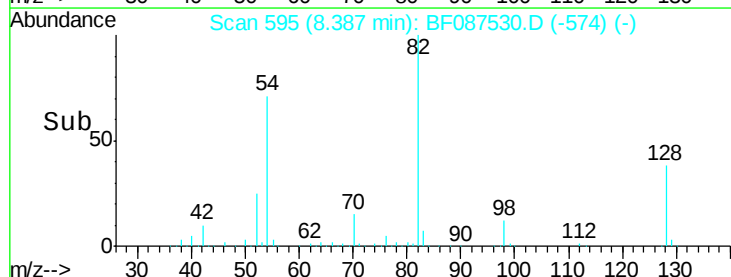
54 70.8 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

Instrument :

BNA_F

ClientSampleId :

MW-28

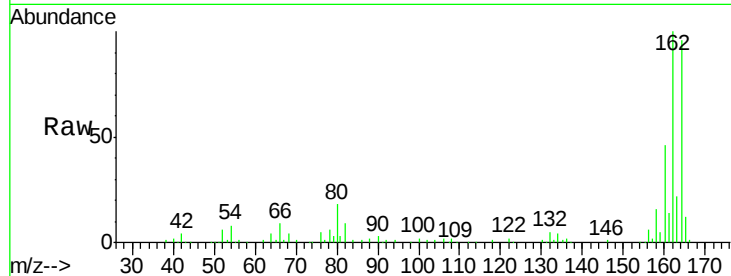
Tgt Ion:164 Resp: 209118

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

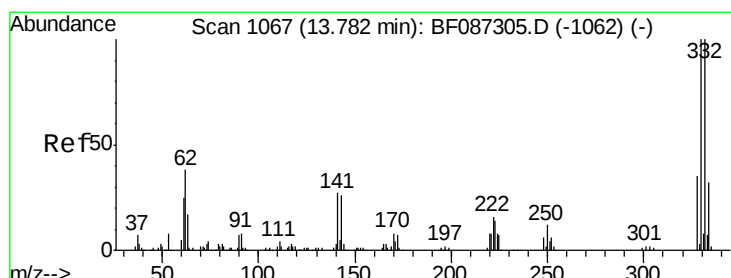
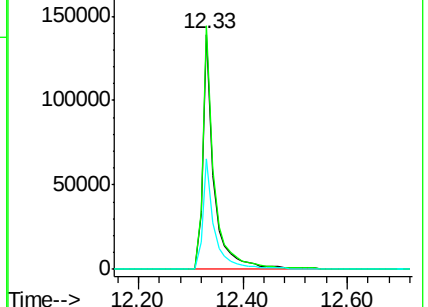
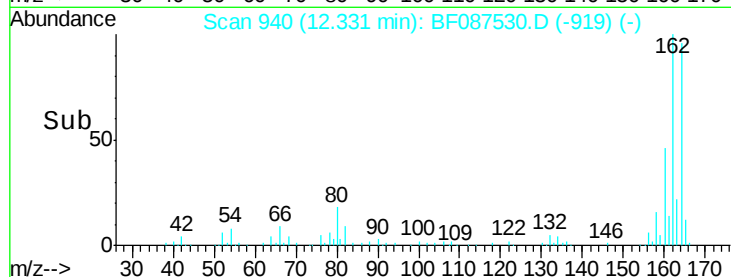
160 47.3 36.9 55.3



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: 122.97 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.06 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

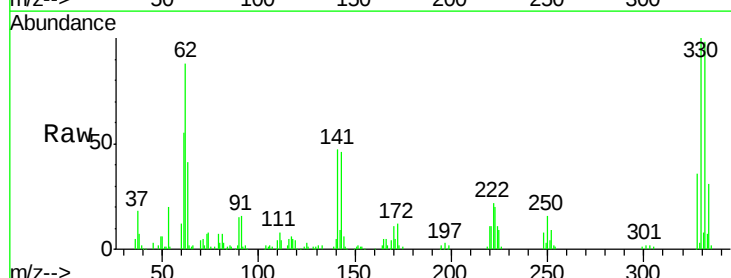
Tgt Ion:330 Resp: 247108

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

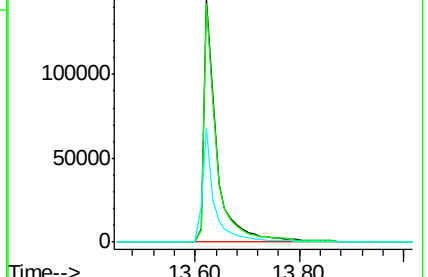
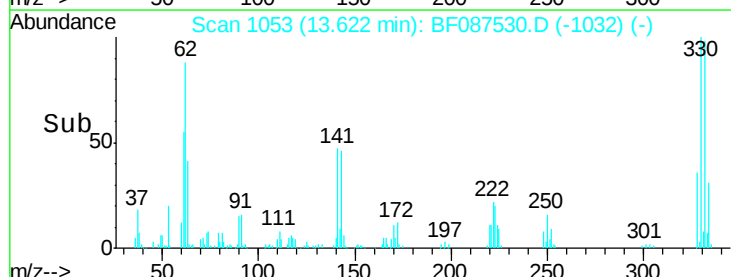
141 45.3 31.2 46.8

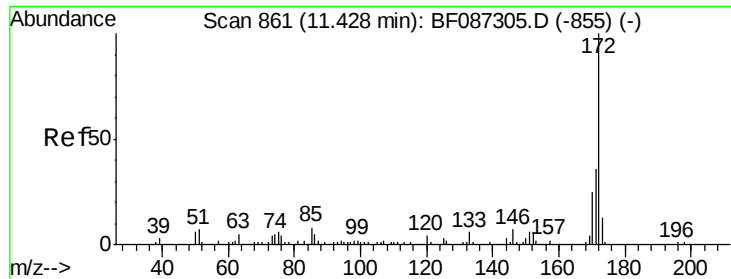


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

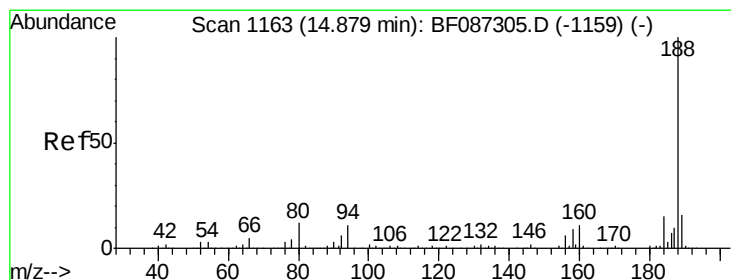
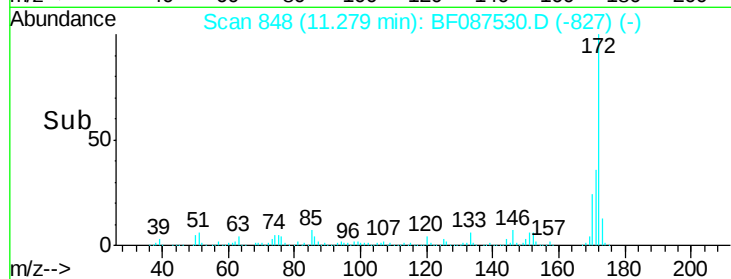
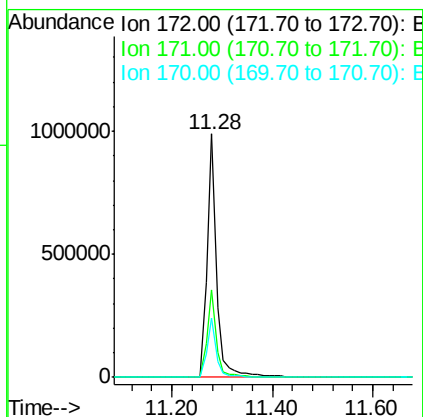
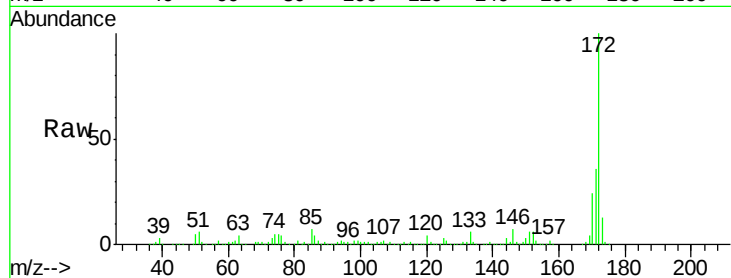




#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087530.D
 Acq: 30 May 2016 1:41

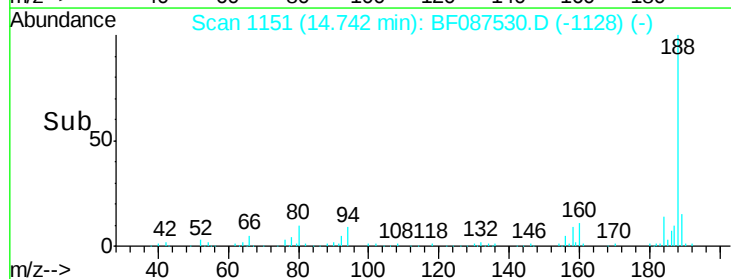
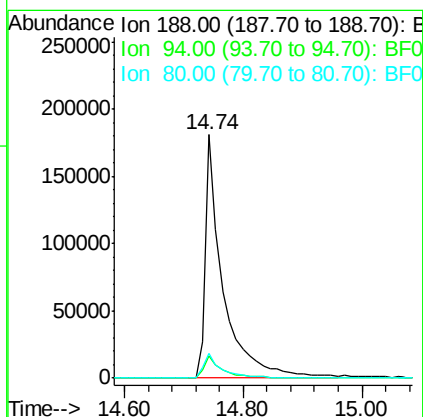
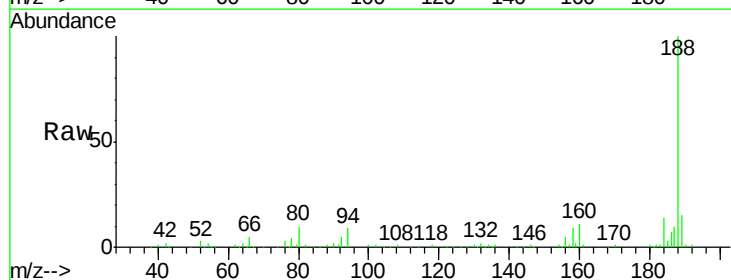
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tgt Ion:172 Resp: 1298864
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.4 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF087530.D
 Acq: 30 May 2016 1:41

Tgt Ion:188 Resp: 378438
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.8 10.2
 80 10.0 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

Instrument :

BNA_F

ClientSampleId :

MW-28

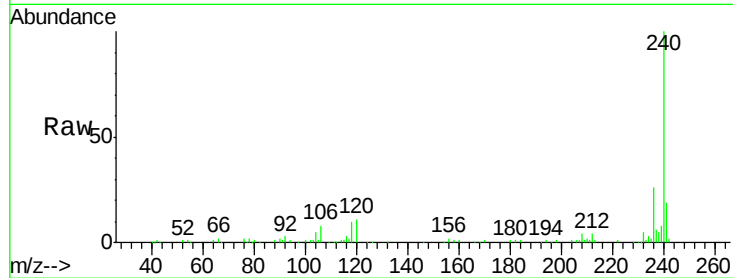
Tgt Ion:240 Resp: 268464

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

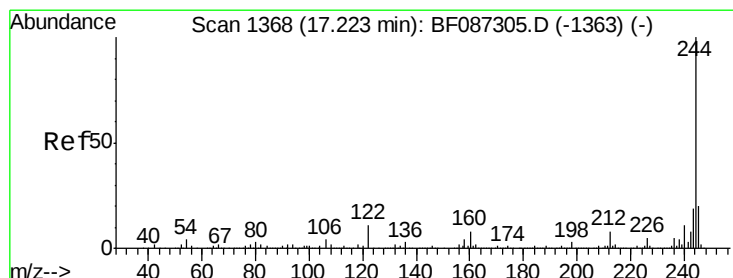
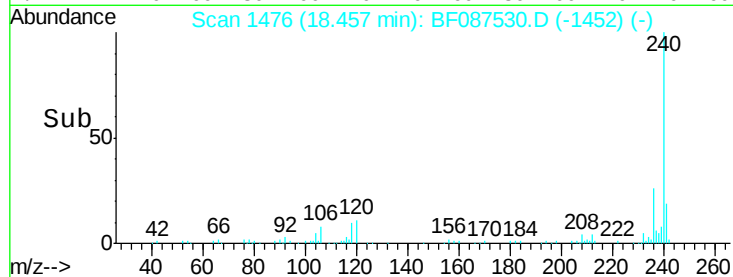
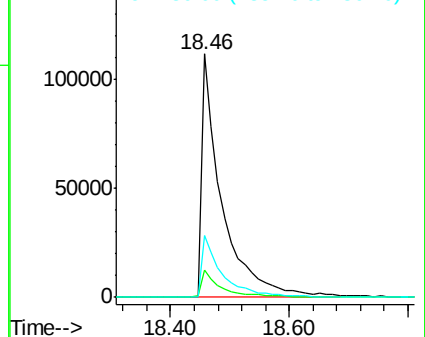
236 25.6 21.2 31.8



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: 89.80 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087530.D

Acq: 30 May 2016 1:41

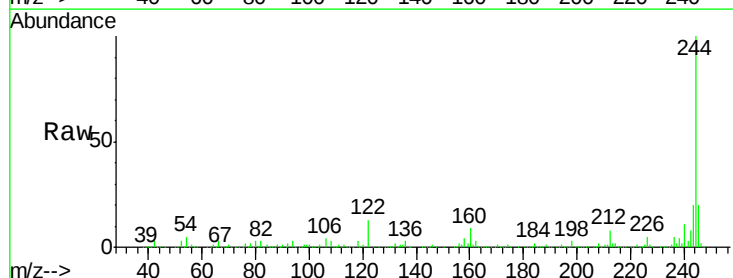
Tgt Ion:244 Resp: 1134004

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

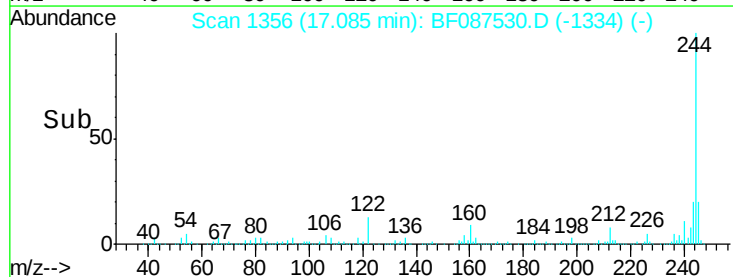
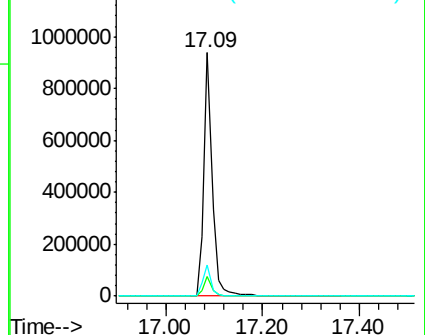
122 12.6 12.0 18.0

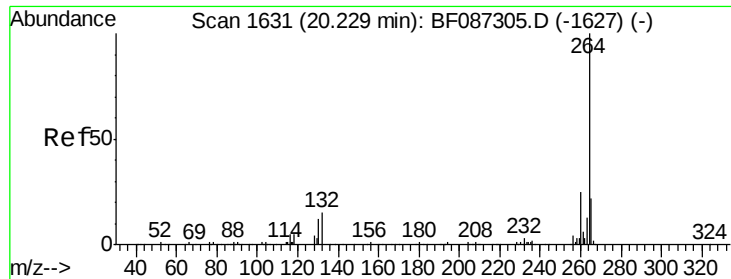


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087530.D
Acq: 30 May 2016 1:41

Instrument :
BNA_F
ClientSampleId :
MW-28

Tgt Ion: 264 Resp: 204358
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 20.1 17.3 25.9

