

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087528.D
 Acq On : 30 May 2016 00:32
 Operator : UM/SJ
 Sample : H3222-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: May 30 06:49:04 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

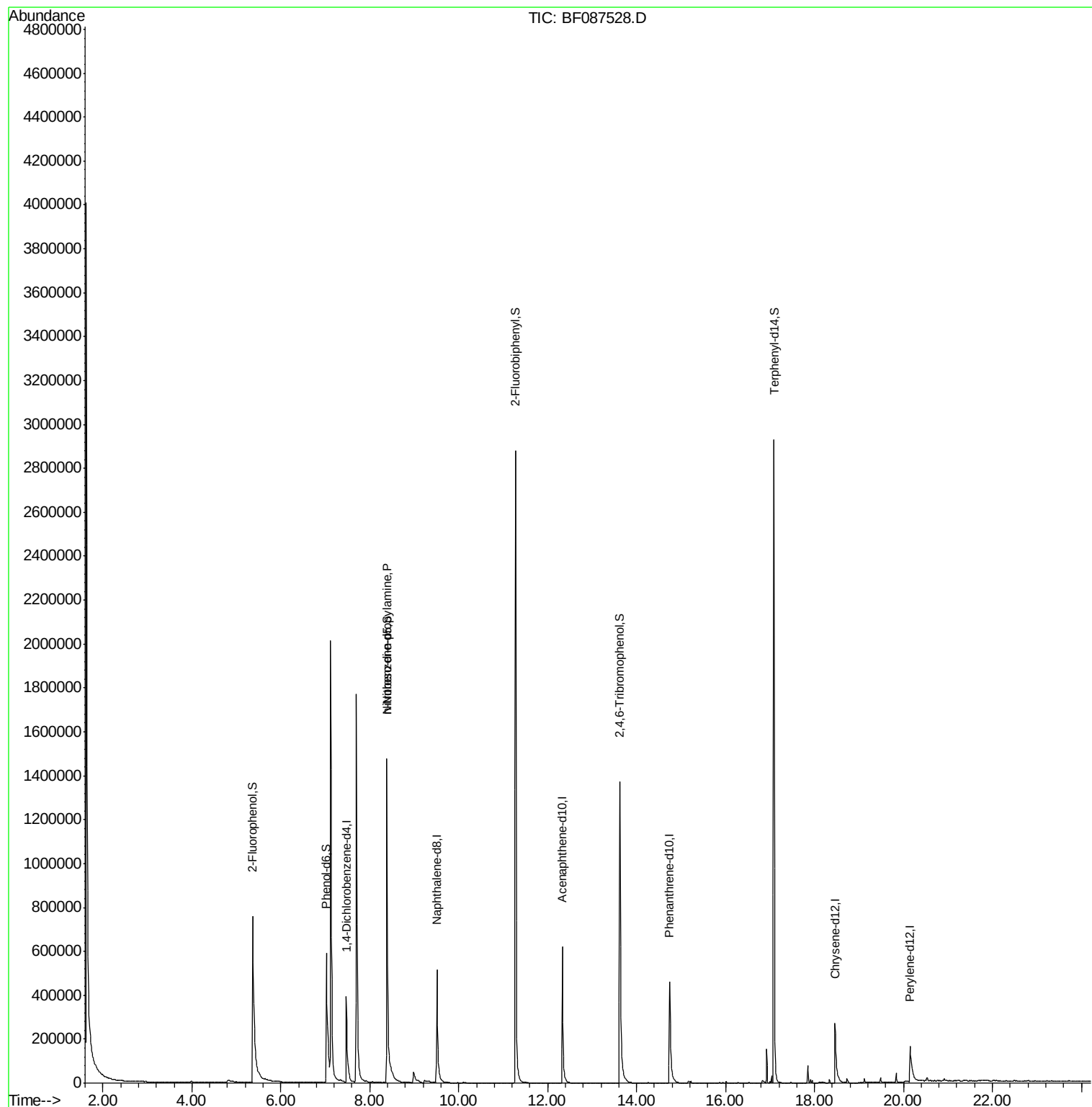
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	108160	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	422941	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	195555	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	366318	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	265819	20.00	ng	-0.02
86) Perylene-d12	20.15	264	186603	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	484874	78.77	ng	-0.05
7) Phenol-d6	7.03	99	396794	47.71	ng	-0.05
23) Nitrobenzene-d5	8.39	82	707403	84.30	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	233569	124.29	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1209174	87.17	ng	-0.06
78) Terphenyl-d14	17.09	244	1097687	87.79	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.39	70	85164	13.73	ng	Qvalue # 73

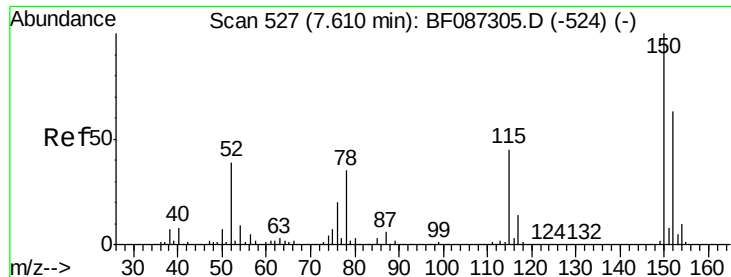
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087528.D
Acq On : 30 May 2016 00:32
Operator : UM/SJ
Sample : H3222-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Time: May 30 06:49:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

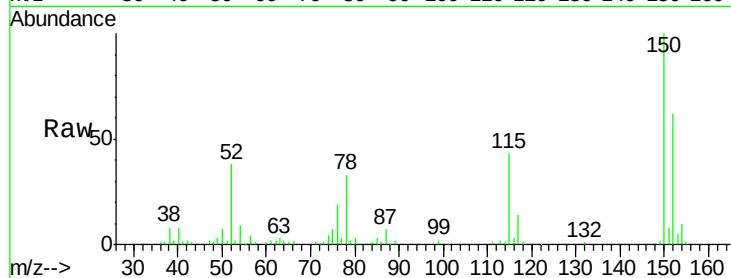
Tgt Ion:152 Resp: 108160

Ion Ratio Lower Upper

152 100

150 162.1 125.8 188.6

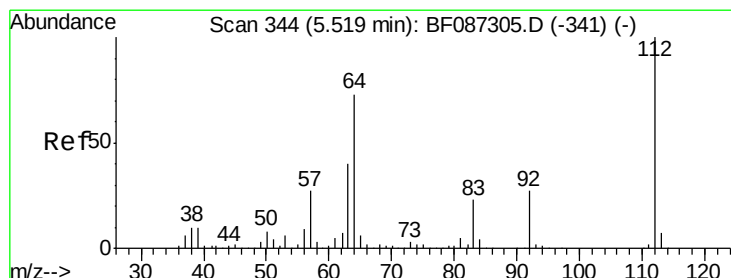
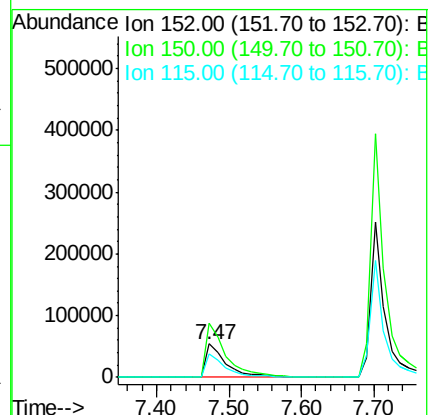
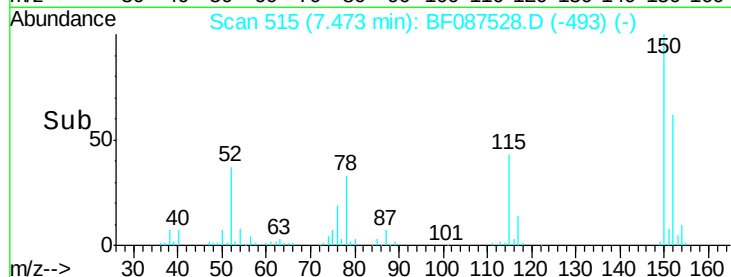
115 69.7 51.5 77.3



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: 78.77 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.05 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

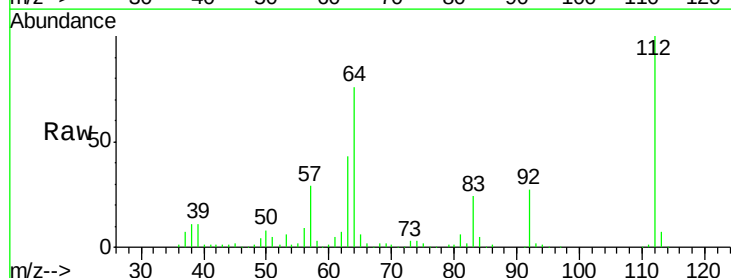
Tgt Ion:112 Resp: 484874

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

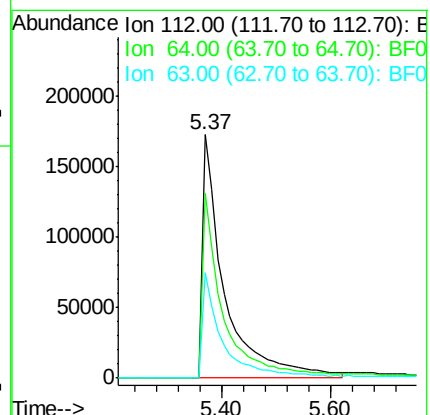
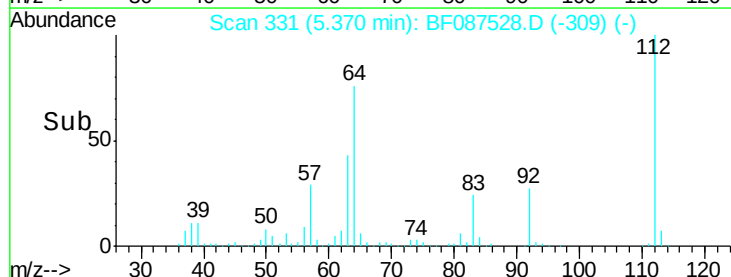
63 43.2 25.7 38.5

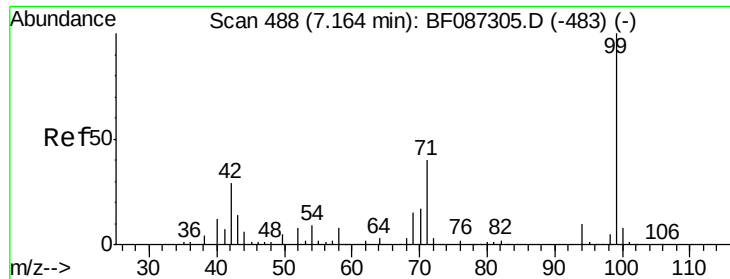


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.71 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

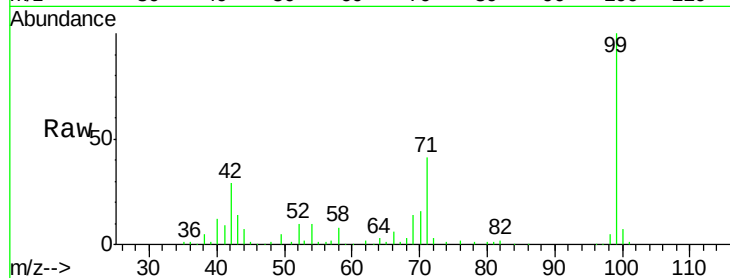
Tgt Ion: 99 Resp: 396794

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

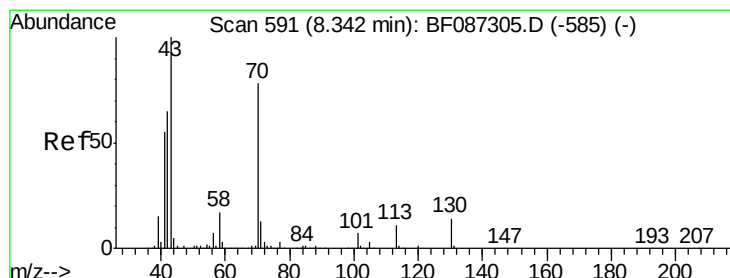
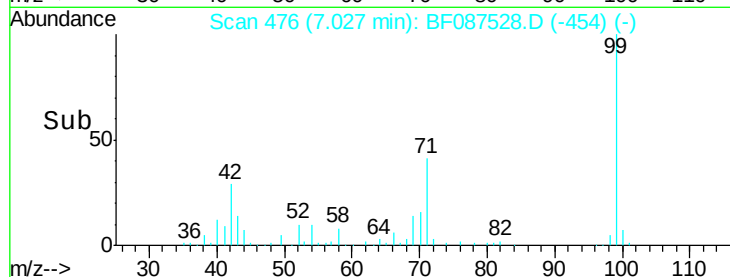
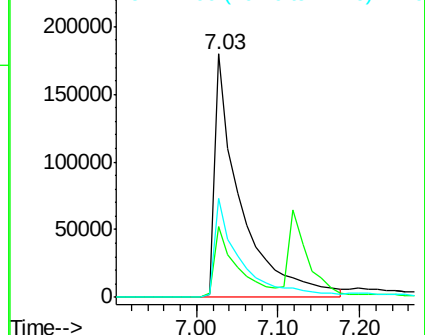
71 40.5 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.73 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Tgt Ion: 70 Resp: 85164

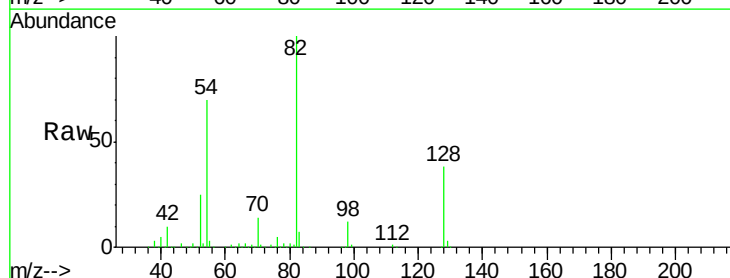
Ion Ratio Lower Upper

70 100

42 67.6 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

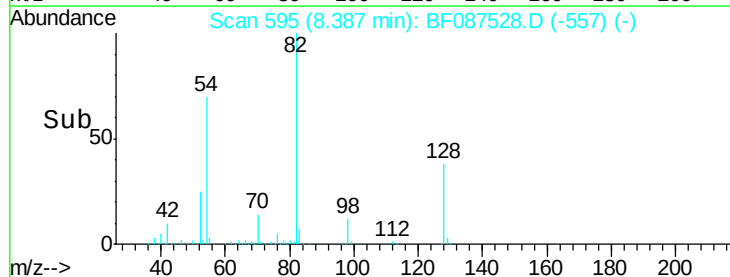
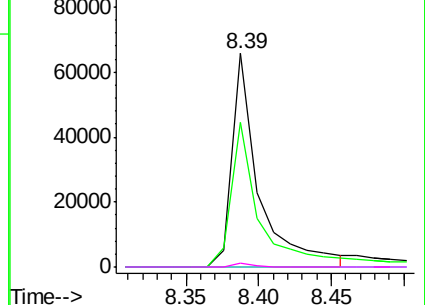


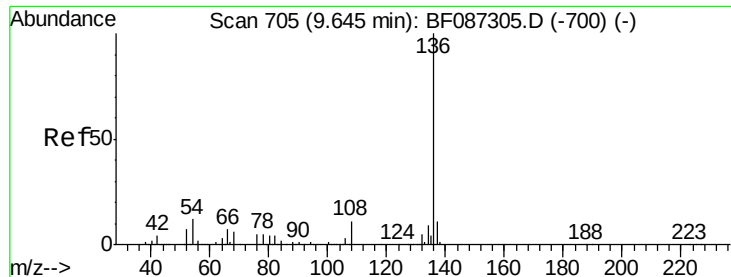
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

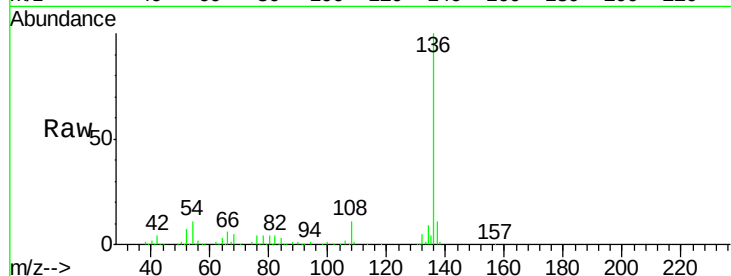




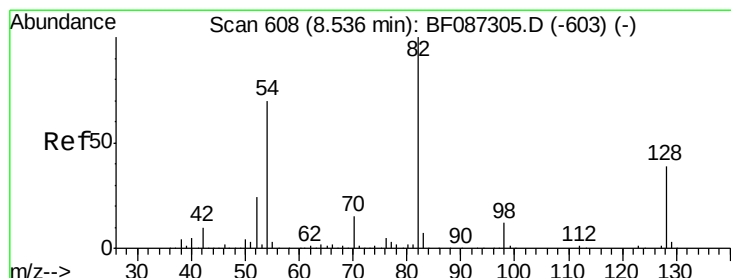
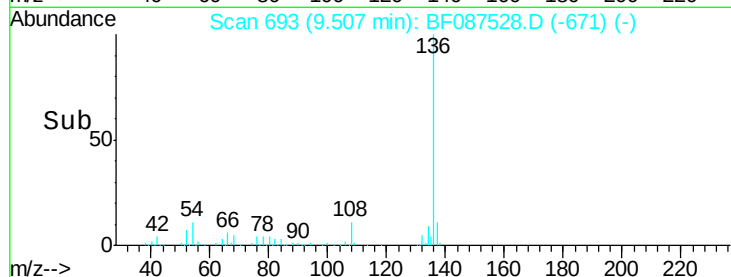
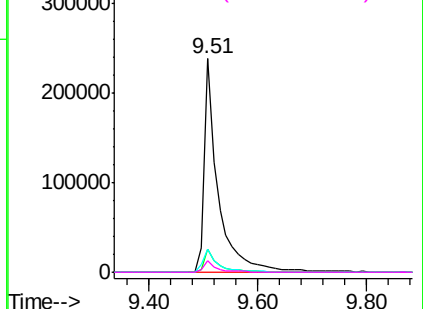
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:	136	Resp:	422941
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.7	5.0	7.4#
68	5.2	4.4	6.6

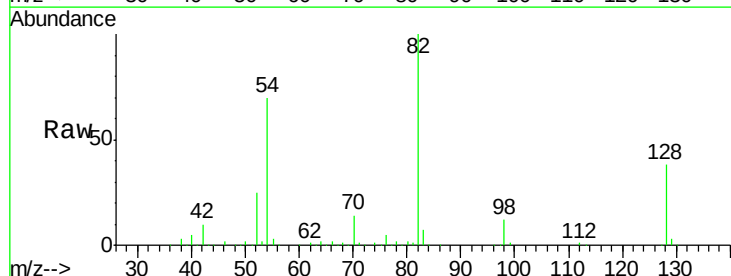


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

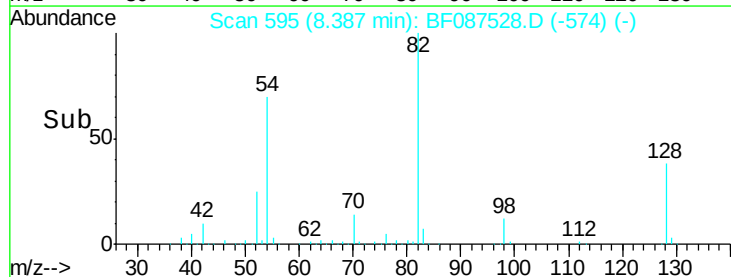
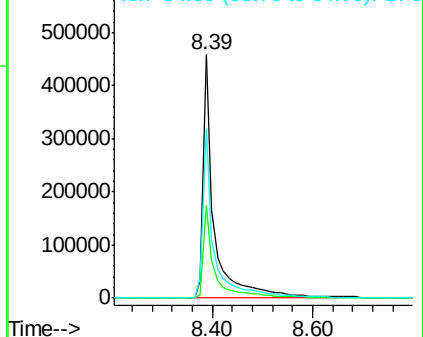


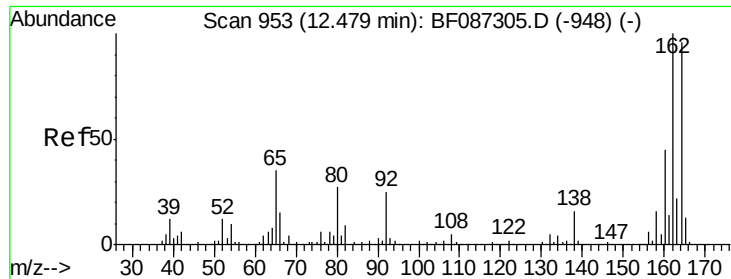
#23
Nitrobenzene-d5
Concen: 84.30 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087528.D
Acq: 30 May 2016 00:32

Tgt Ion:	82	Resp:	707403
Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	69.8	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: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

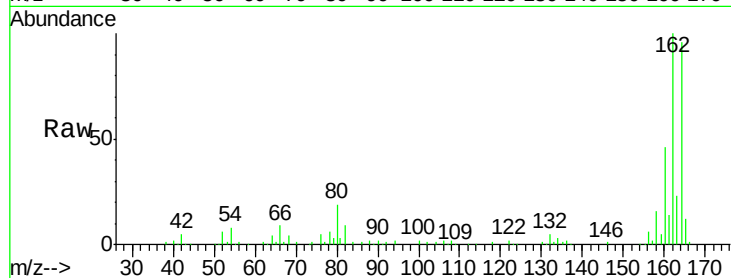
Tgt Ion:164 Resp: 195555

Ion Ratio Lower Upper

164 100

162 104.0 82.8 124.2

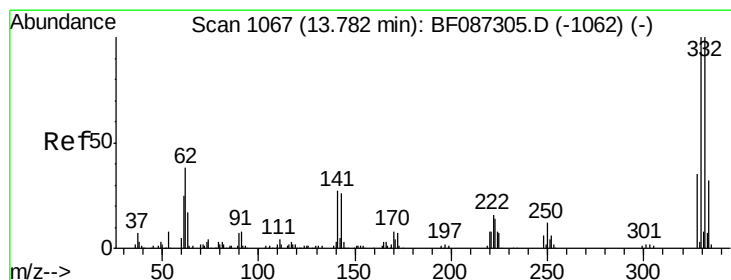
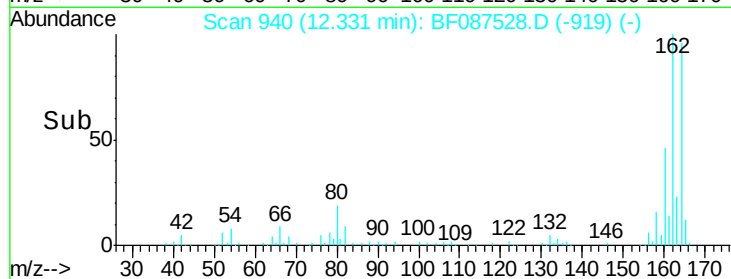
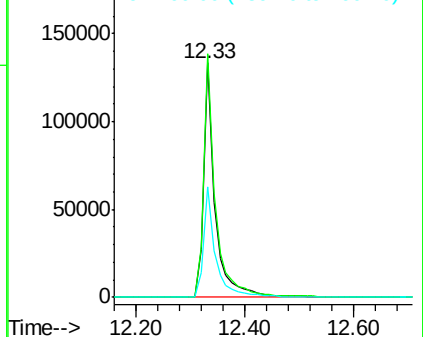
160 47.5 36.9 55.3



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: 124.29 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.06 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

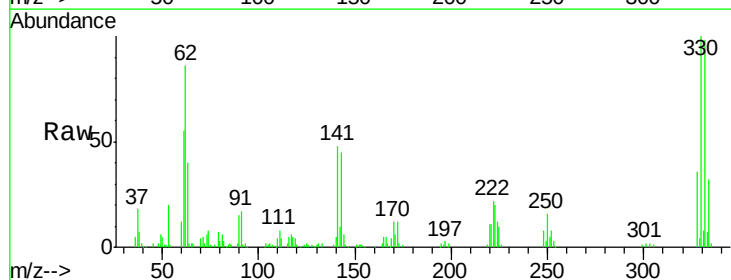
Tgt Ion:330 Resp: 233569

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

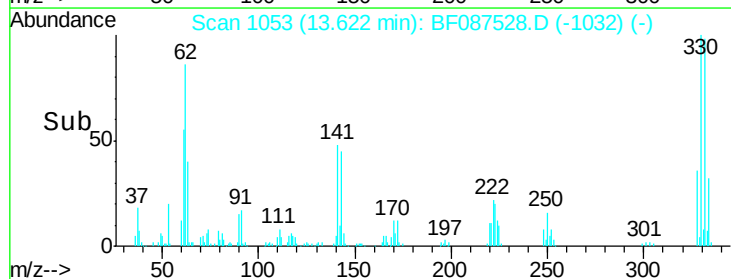
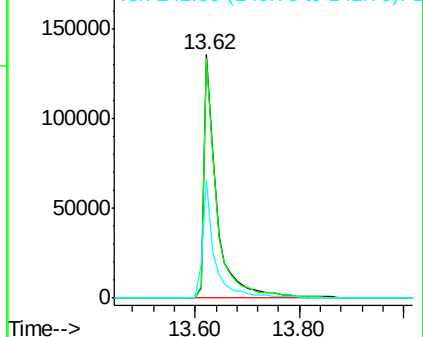
141 46.4 31.2 46.8

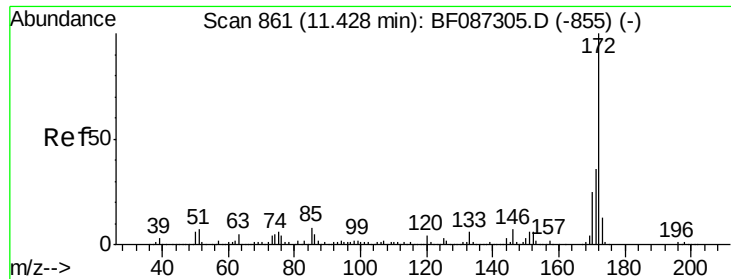


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

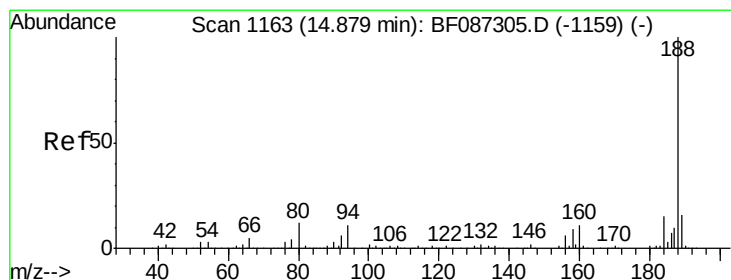
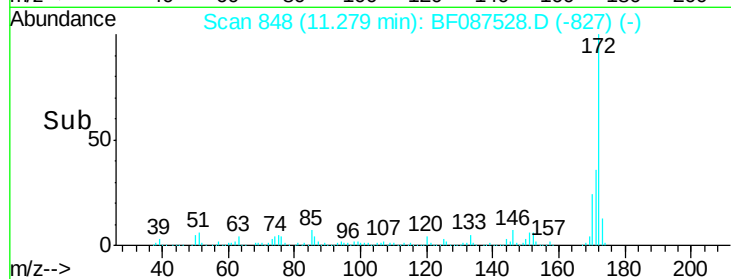
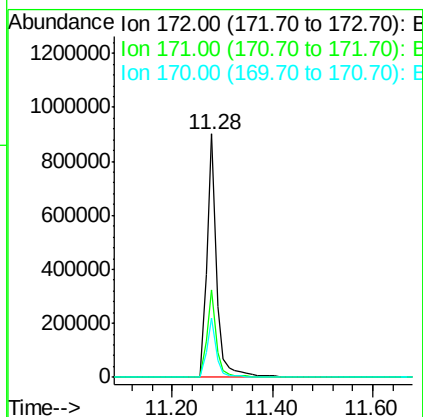
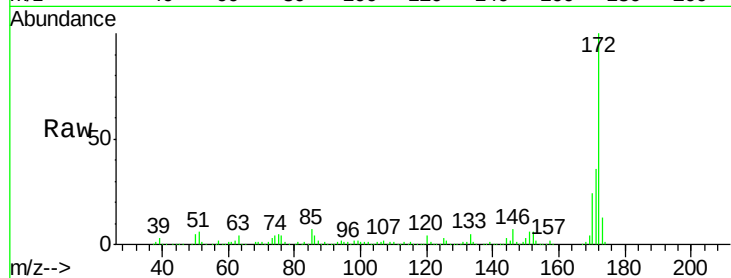




#44
 2-Fluorobiphenyl
 Concen: 87.17 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

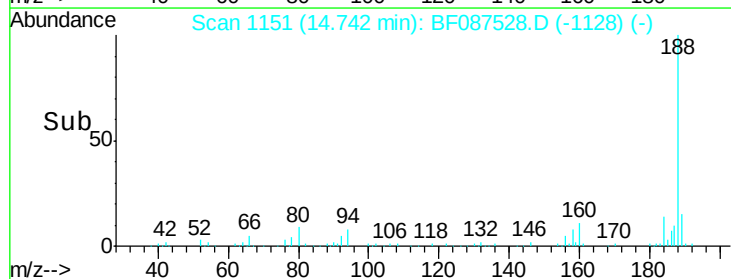
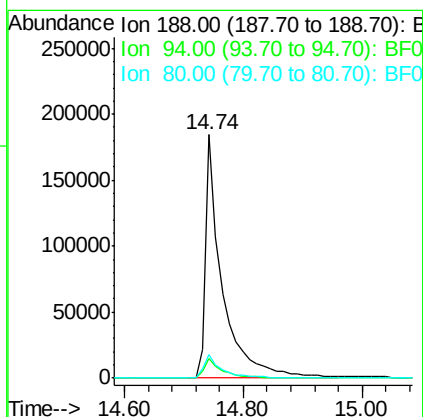
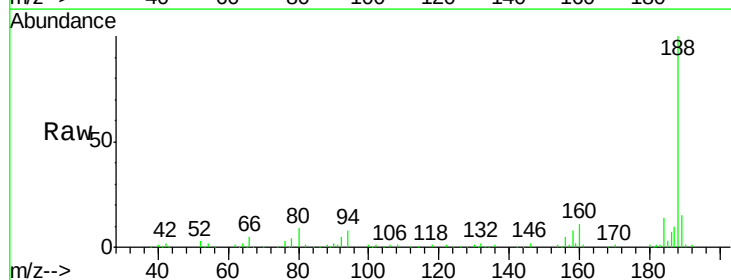
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

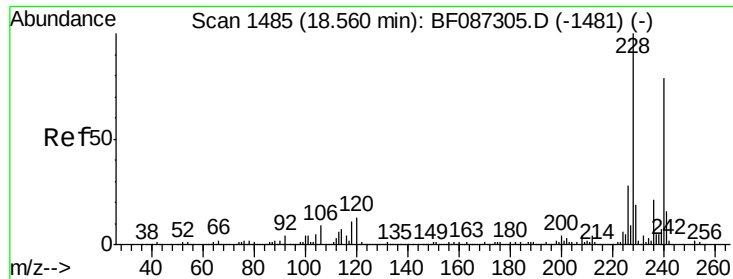
Tgt Ion:172 Resp: 1209174
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

Tgt Ion:188 Resp: 366318
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.8 10.2
 80 9.4 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: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

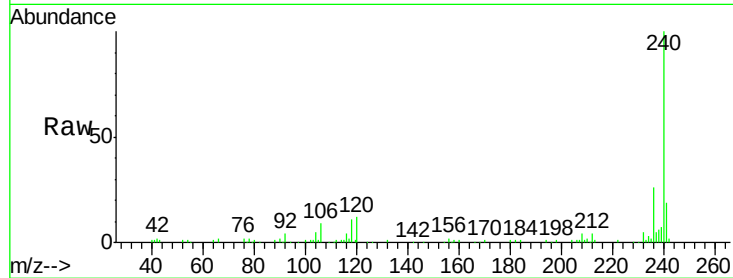
Tgt Ion:240 Resp: 265819

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

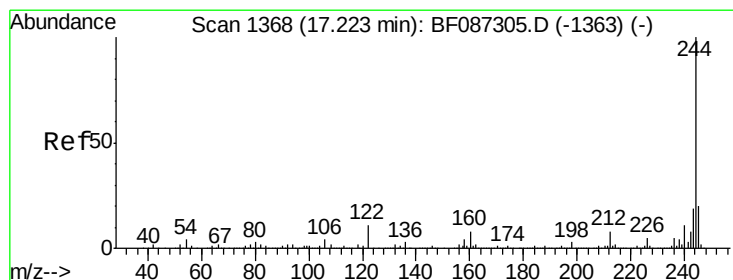
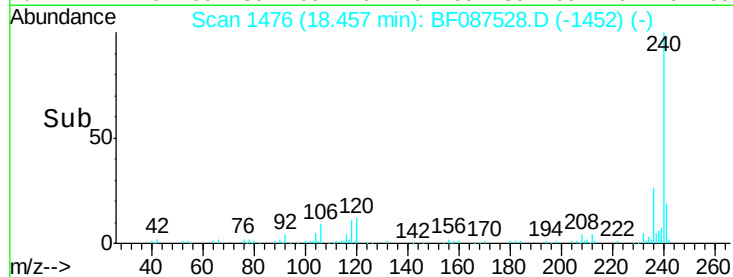
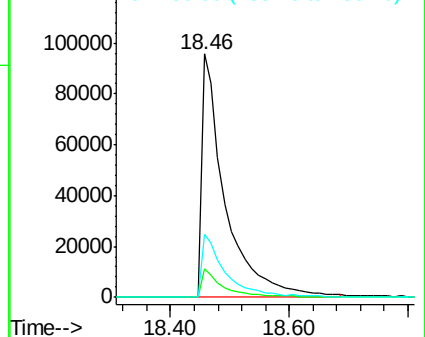
236 25.9 21.2 31.8



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: 87.79 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

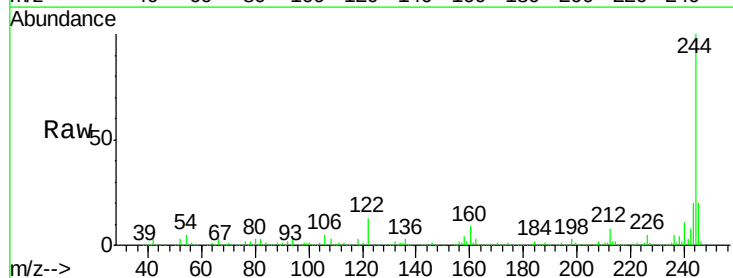
Tgt Ion:244 Resp: 1097687

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

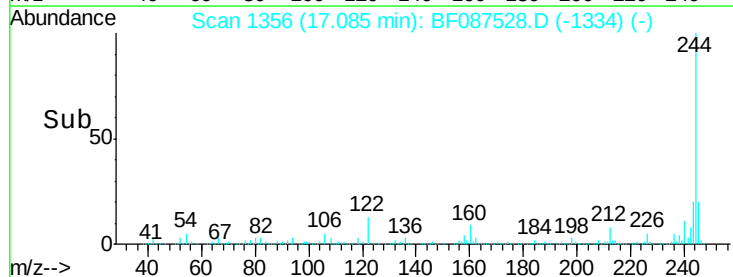
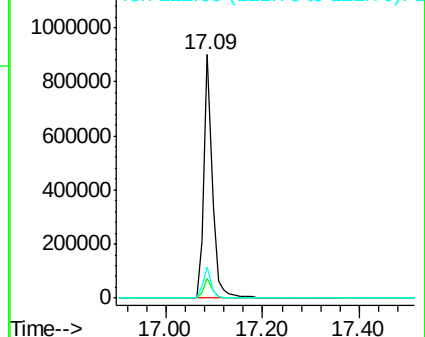
122 12.8 12.0 18.0

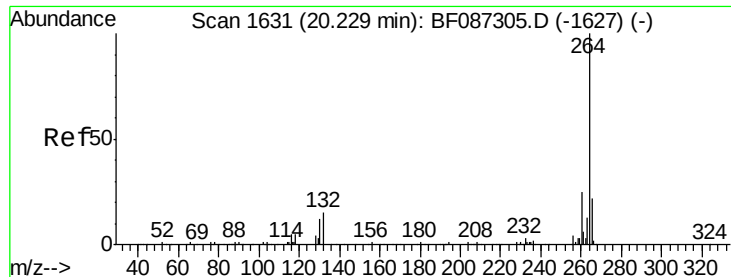


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087528.D
Acq: 30 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.3	25.9

