

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087553.D
 Acq On : 30 May 2016 16:29
 Operator : UM/SJ
 Sample : H3317-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: May 31 01:31:33 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	7.47	152	104239	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	432450	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	204384	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	365939	20.00	ng	0.00
75) Chrysene-d12	18.47	240	267913	20.00	ng	0.02
86) Perylene-d12	20.15	264	210997	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	380620	64.16	ng	0.02
7) Phenol-d6	7.06	99	317377	39.59	ng	0.02
23) Nitrobenzene-d5	8.39	82	774430	90.25	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	265950	135.41	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1229941	84.84	ng	-0.01
78) Terphenyl-d14	17.09	244	1027819	81.56	ng	-0.01

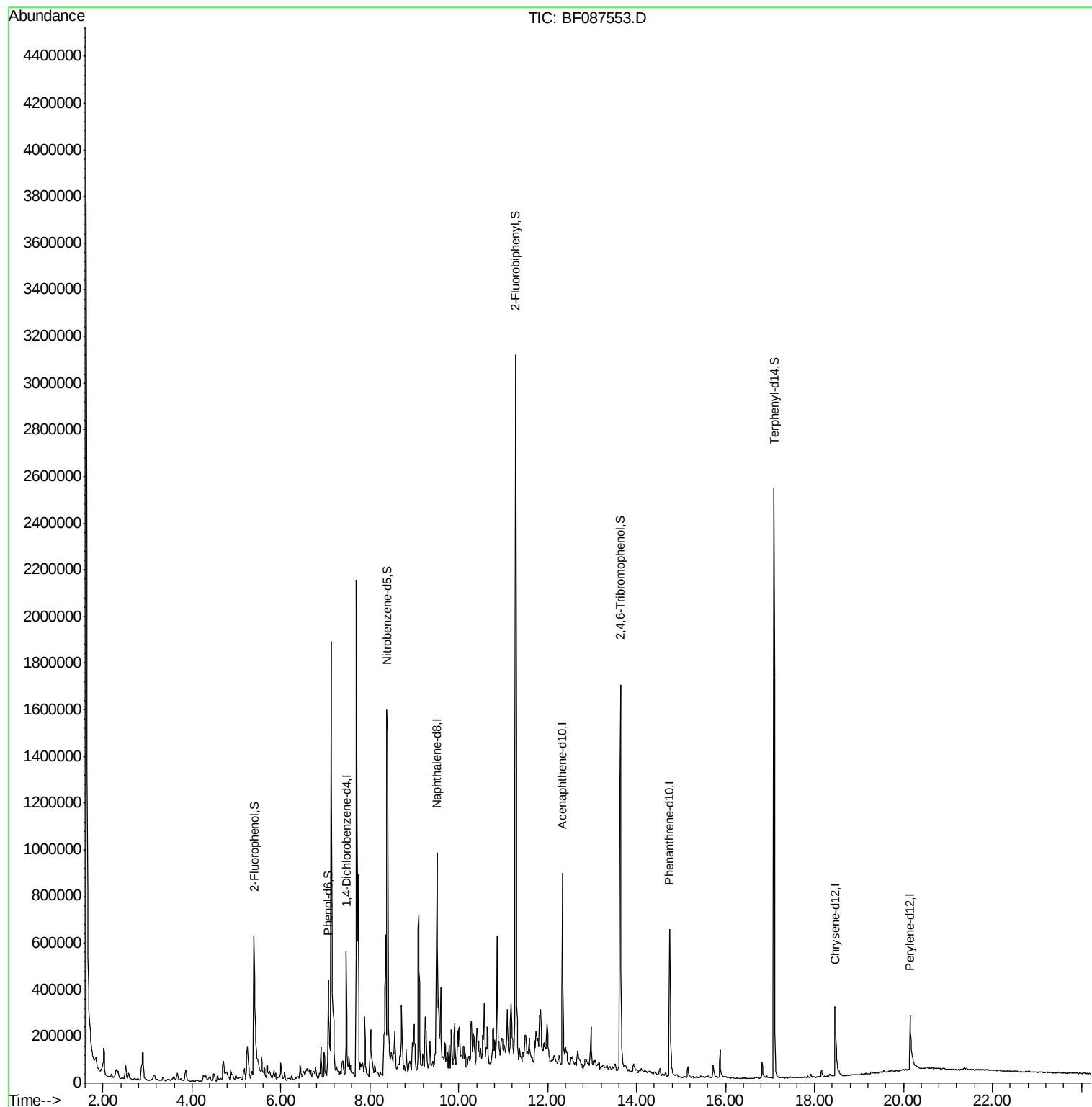
Target Compounds Qvalue

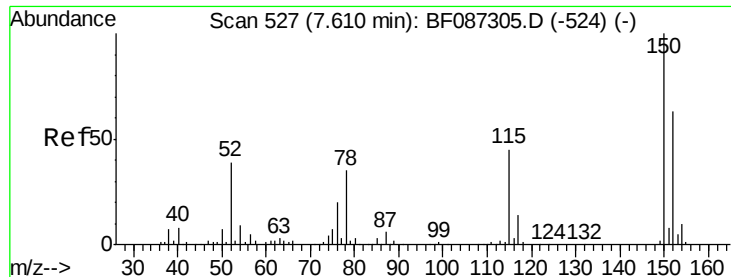
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

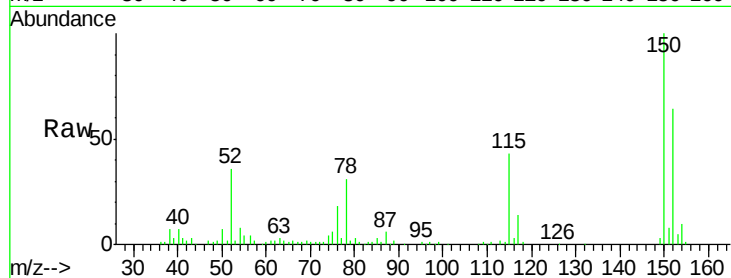
Tot Ion:152 Resp: 104239

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

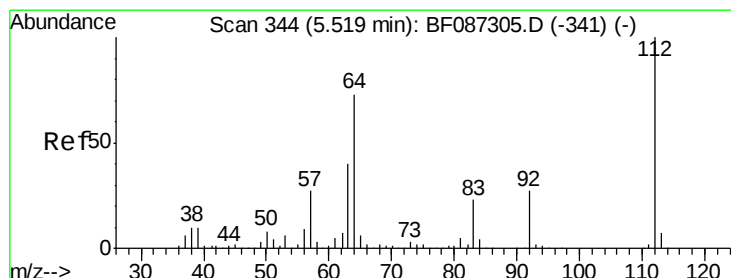
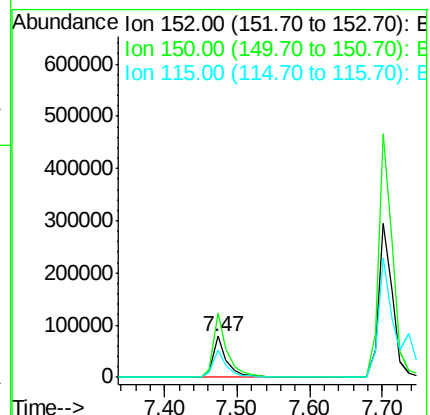
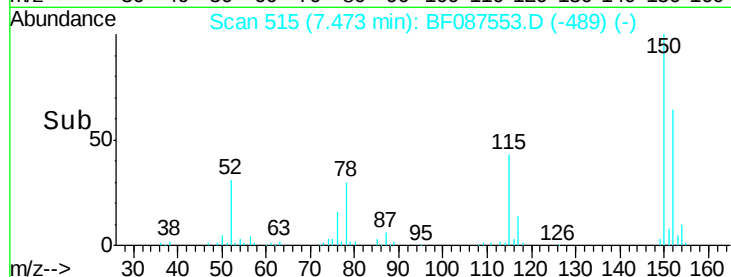
115 66.4 51.5 77.3



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: 64.16 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

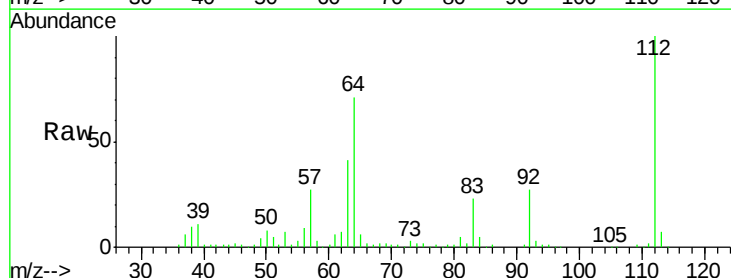
Tgt Ion:112 Resp: 380620

Ion Ratio Lower Upper

112 100

64 70.6 52.1 78.1

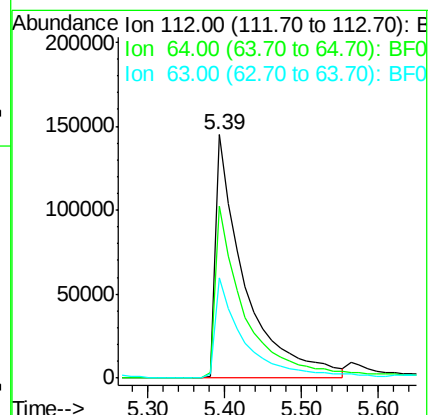
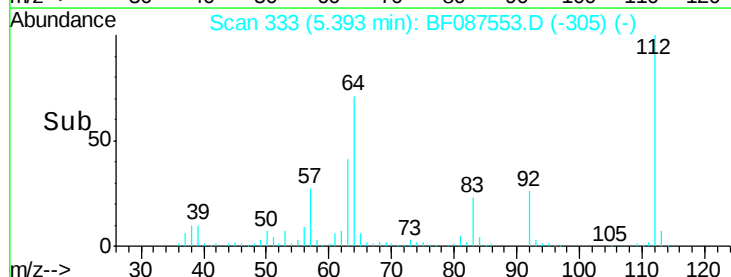
63 41.0 25.7 38.5#

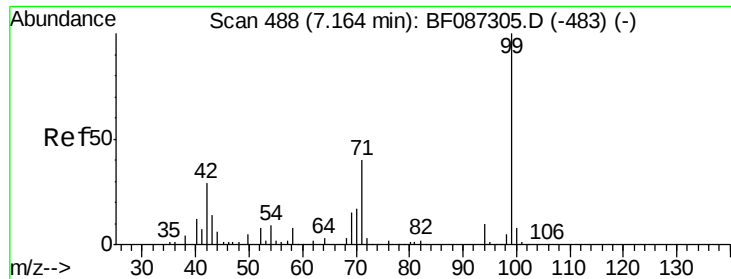


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.59 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

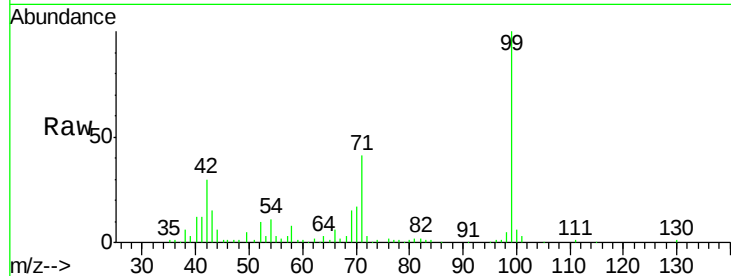
Tot Ion: 99 Resp: 317377

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

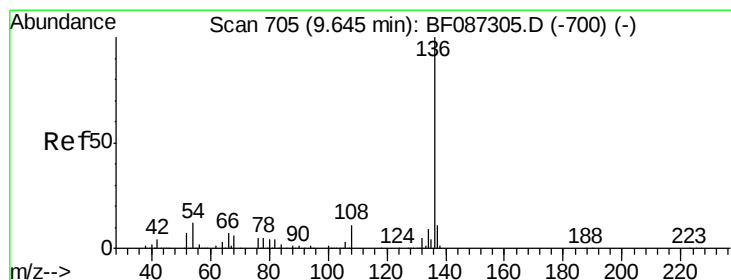
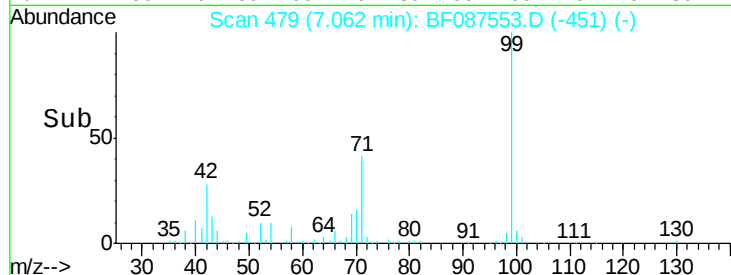
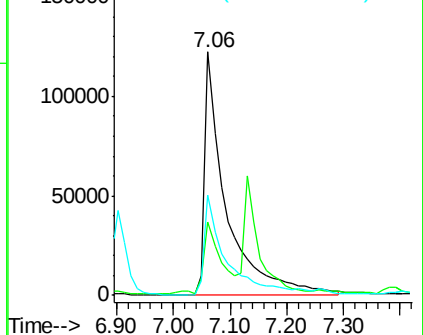
71 41.2 24.6 36.8#



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: BF087553.D

Acq: 30 May 2016 16:29

Tgt Ion: 136 Resp: 432450

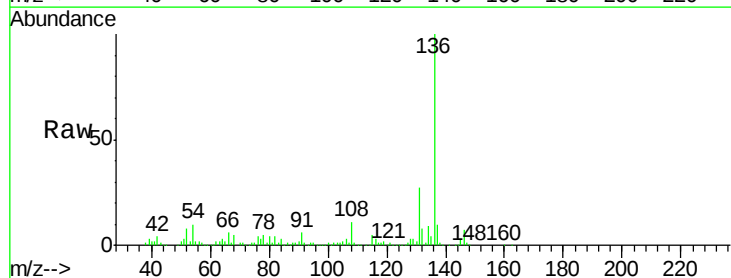
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.3 5.0 7.4#

68 5.0 4.4 6.6

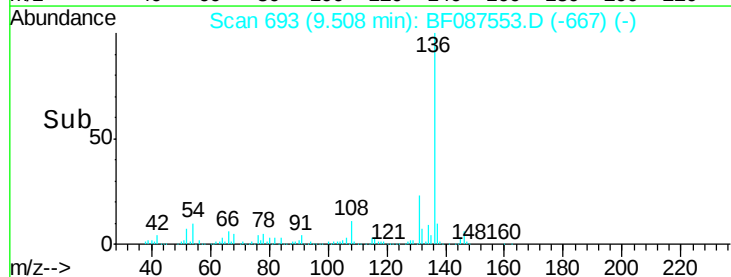
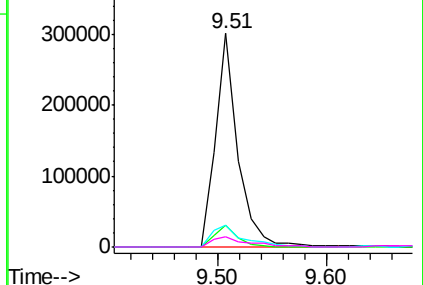


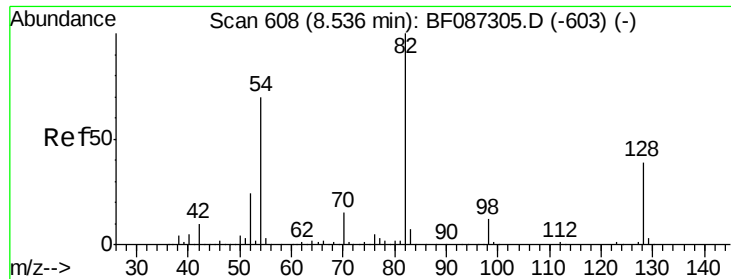
Abundance Ion 136.00 (135.70 to 136.70): E

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

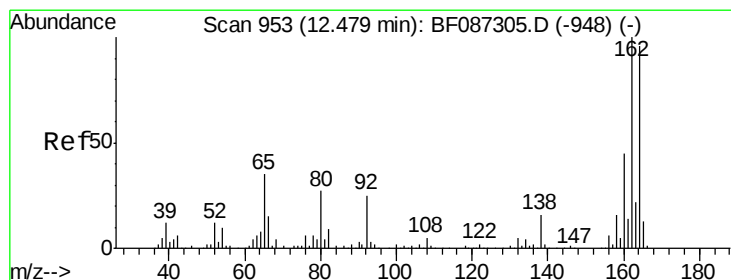
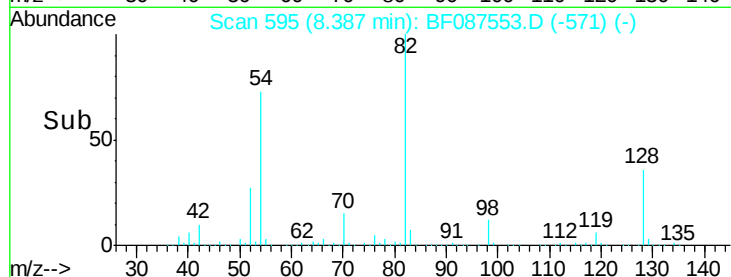
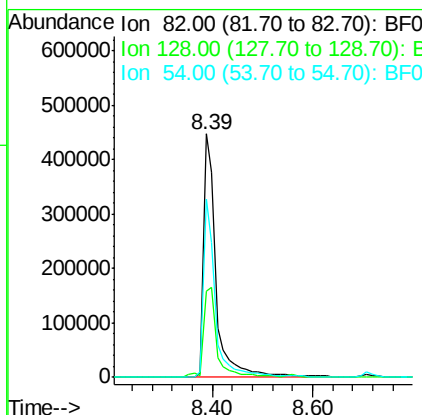
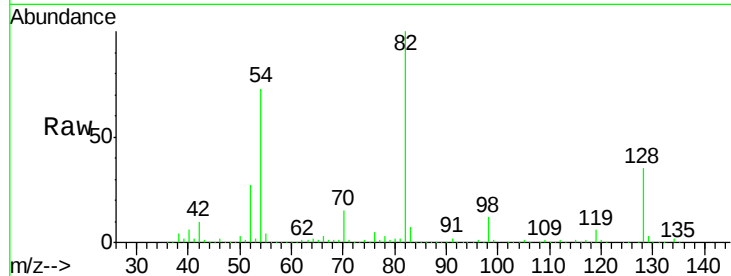




#23
 Nitrobenzene-d5
 Concen: 90.25 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

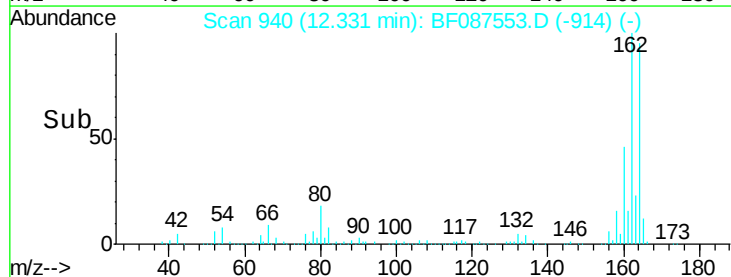
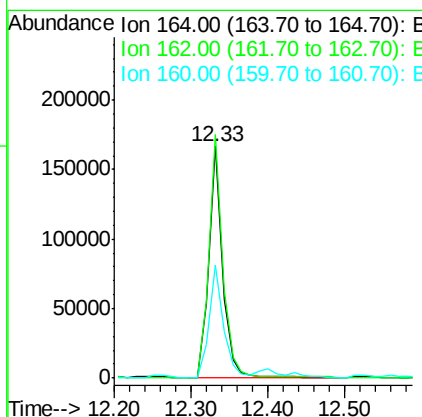
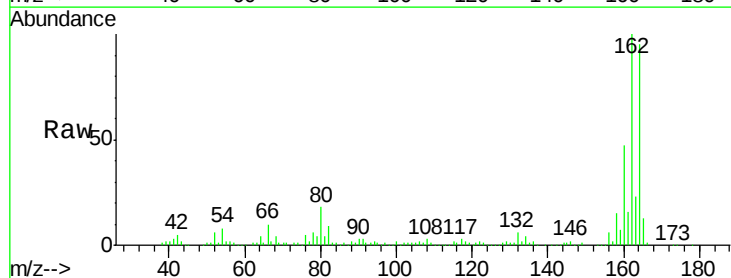
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

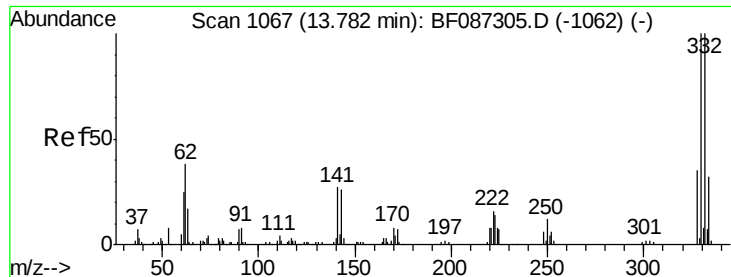
Tot Ion: 82 Resp: 774430
 Ion Ratio Lower Upper
 82 100
 128 35.4 40.6 61.0#
 54 73.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087553.D
 Acq: 30 May 2016 16:29

Tgt Ion: 164 Resp: 204384
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.8 124.2
 160 48.9 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 135.41 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

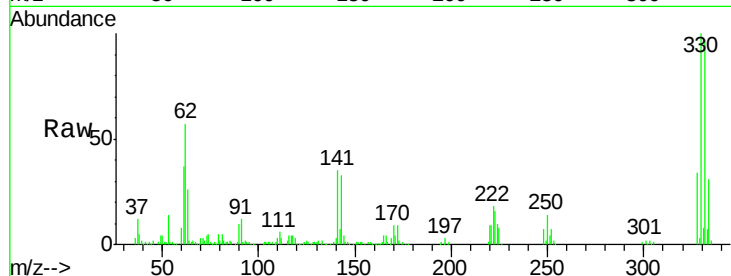
Tot Ion:330 Resp: 265950

Ion Ratio Lower Upper

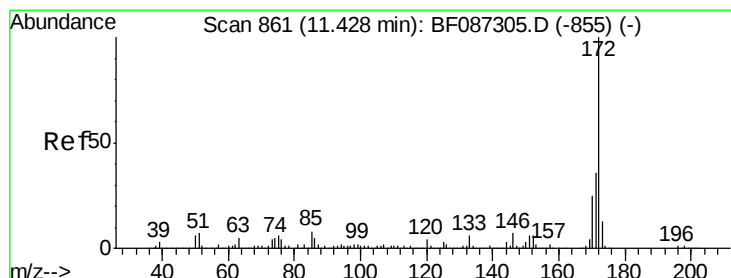
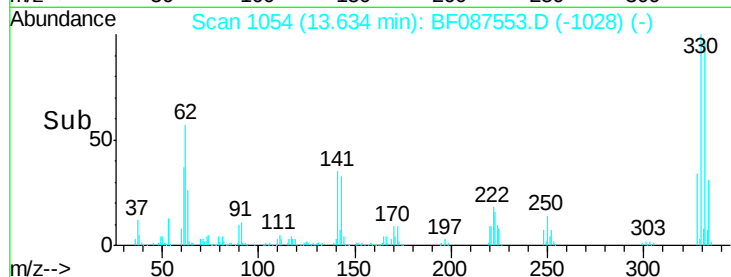
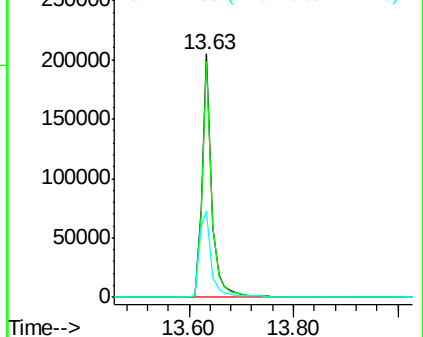
330 100

332 97.5 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: 84.84 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

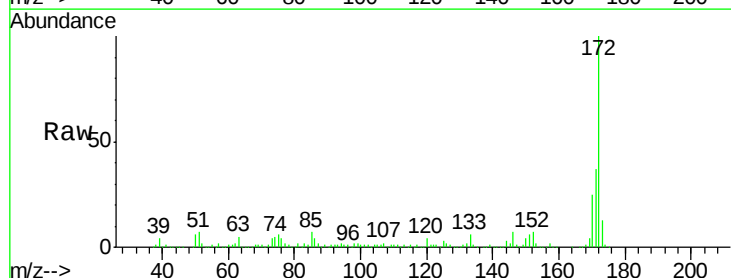
Tgt Ion:172 Resp: 1229941

Ion Ratio Lower Upper

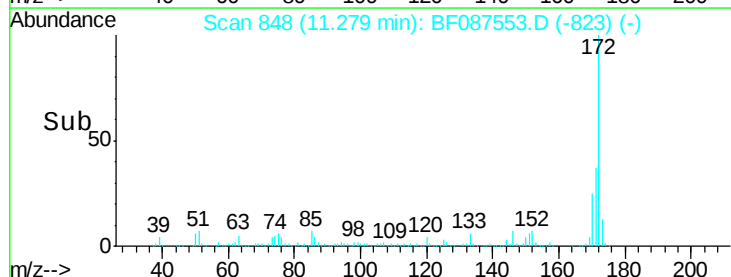
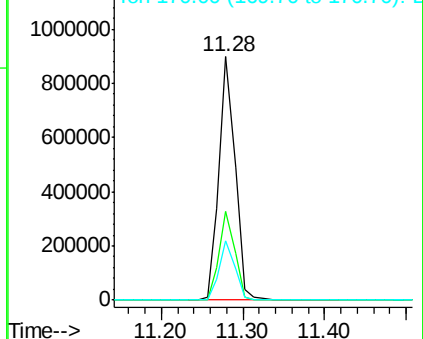
172 100

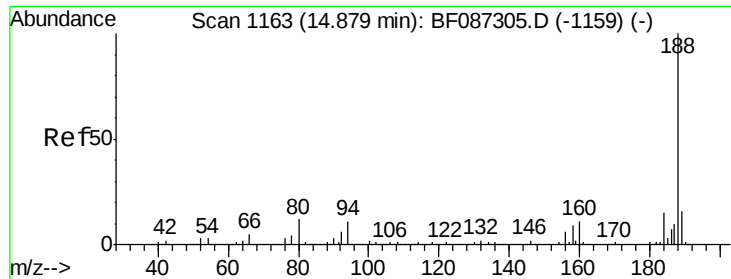
171 36.6 29.0 43.6

170 24.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

MW-07

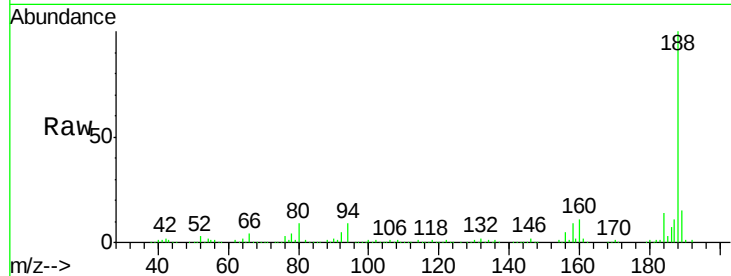
Tot Ion:188 Resp: 365939

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

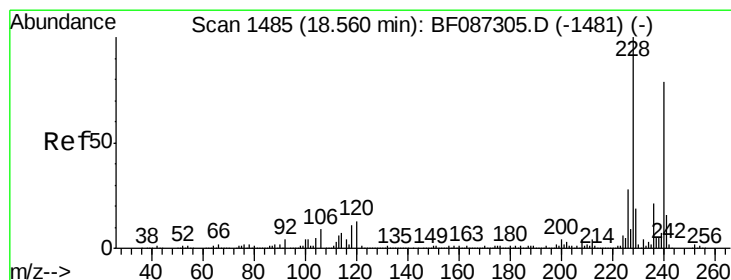
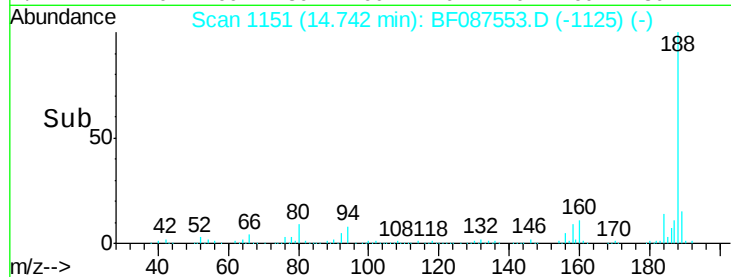
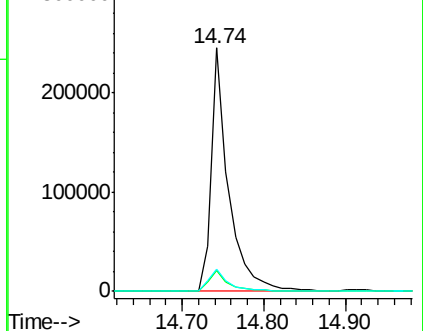
80 9.3 7.1 10.7



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: 18.47 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

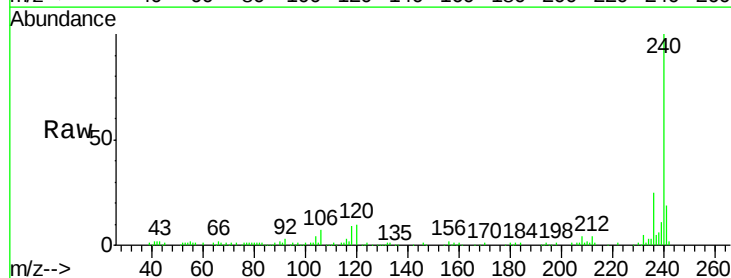
Tgt Ion:240 Resp: 267913

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

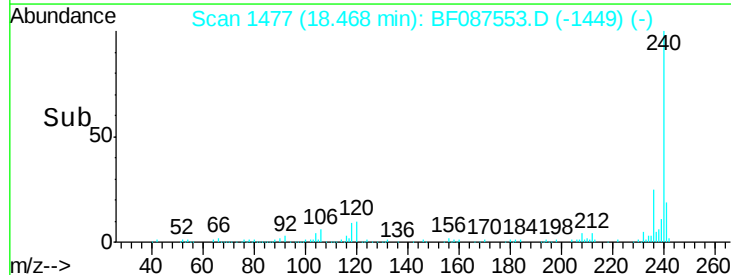
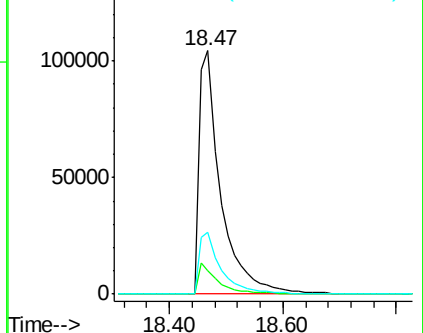
236 25.3 21.2 31.8

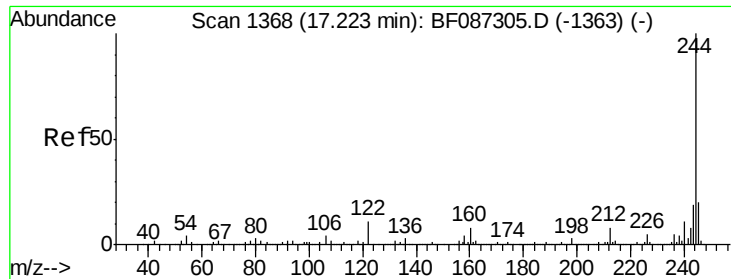


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.56 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

Instrument :

BNA_F

ClientSampled :

MW-07

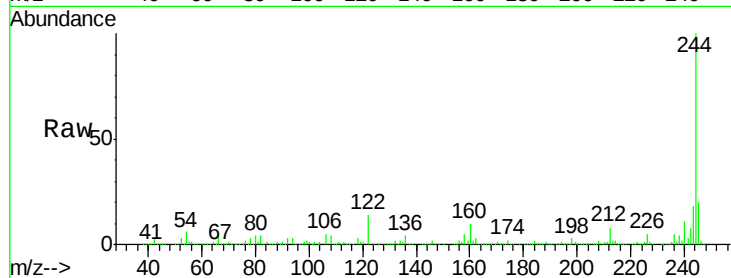
Tot Ion:244 Resp: 1027819

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

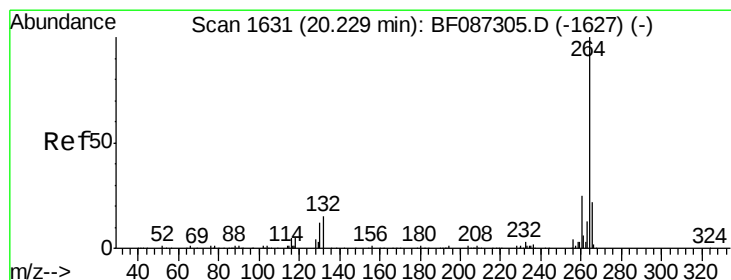
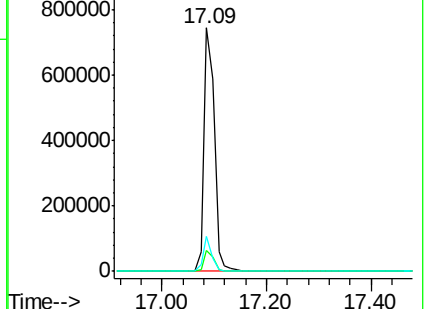
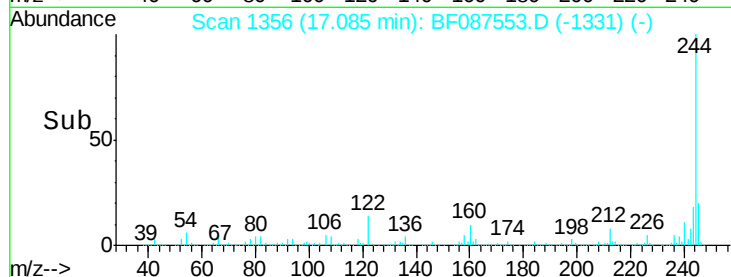
122 14.5 12.0 18.0



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. 0.02 min

Lab File: BF087553.D

Acq: 30 May 2016 16:29

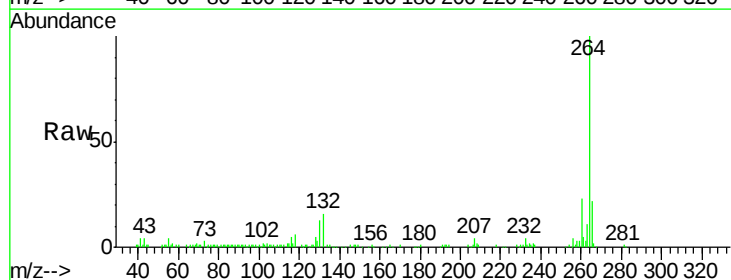
Tgt Ion:264 Resp: 210997

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

