

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087955.D
 Acq On : 12 Jun 2016 18:34
 Operator : UM/SJ
 Sample : H3490-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Quant Time: Jun 13 05:55:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116775	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	479183	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	256022	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	416744	20.00	ng	0.00
75) Chrysene-d12	13.95	240	293213	20.00	ng	-0.01
86) Perylene-d12	15.37	264	234325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	515782	75.51	ng	0.01
7) Phenol-d6	6.43	99	436695	52.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	692856	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	279021	103.21	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1289042	78.68	ng	-0.01
78) Terphenyl-d14	12.91	244	936644	72.69	ng	0.00

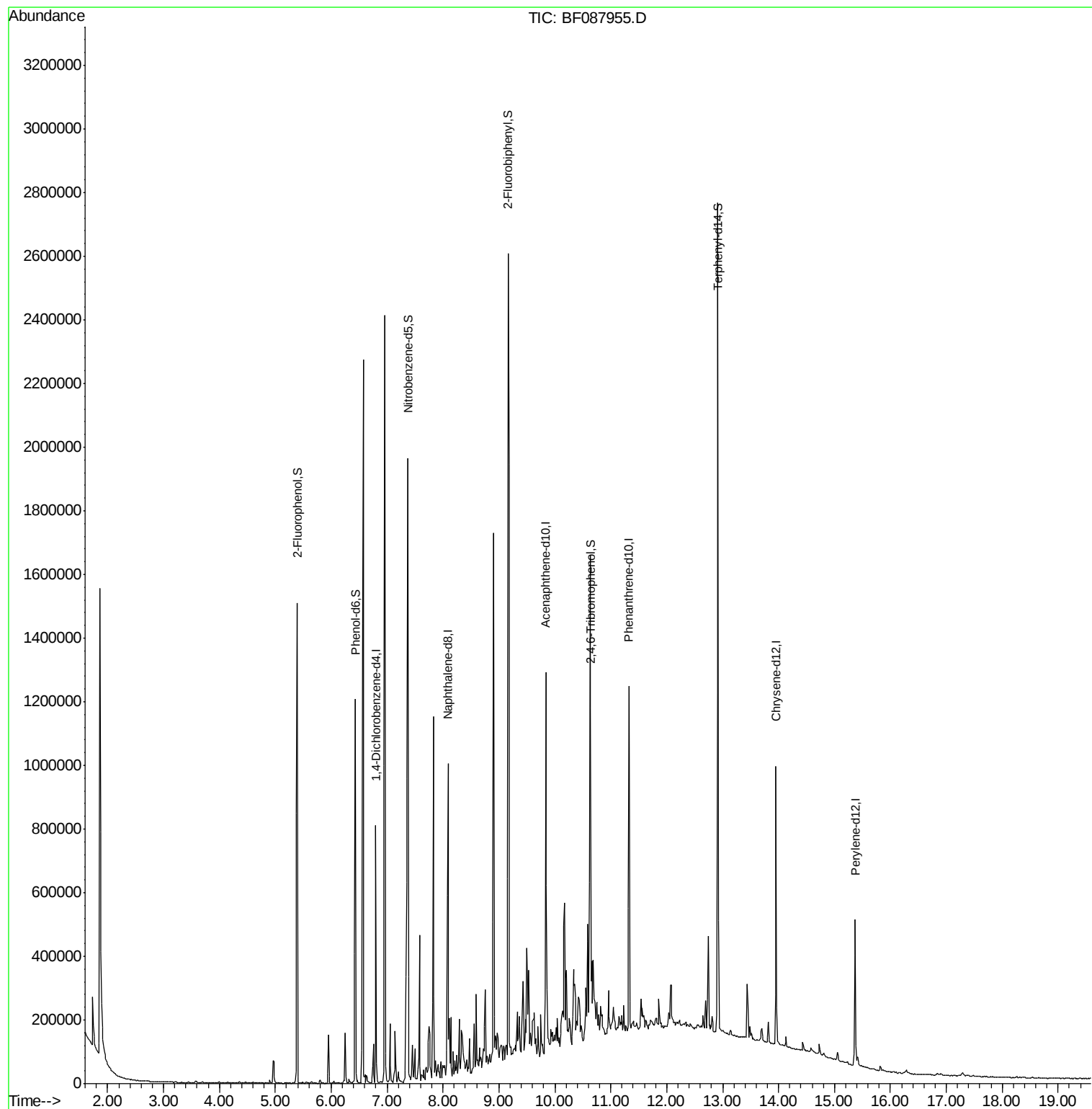
Target Compounds Qvalue

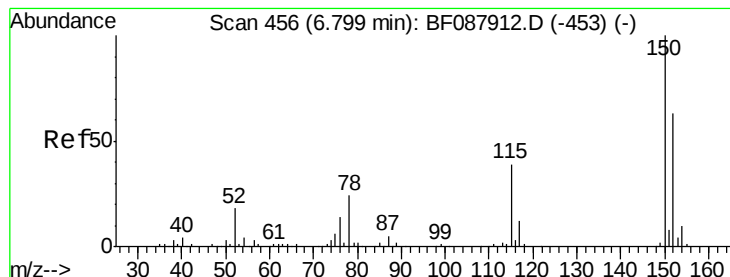
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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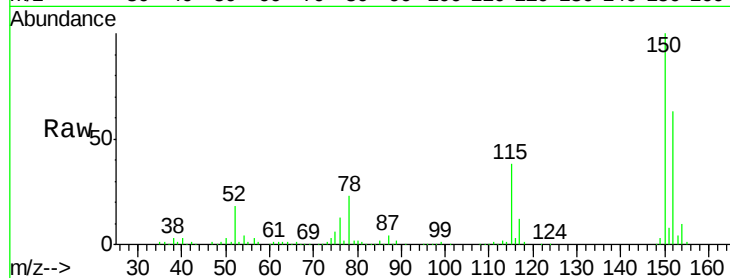




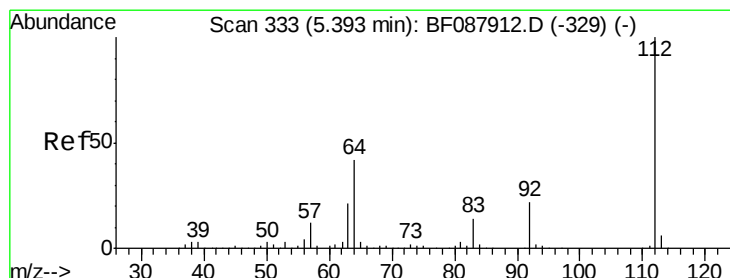
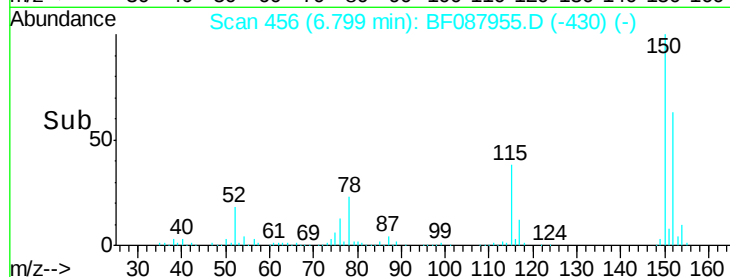
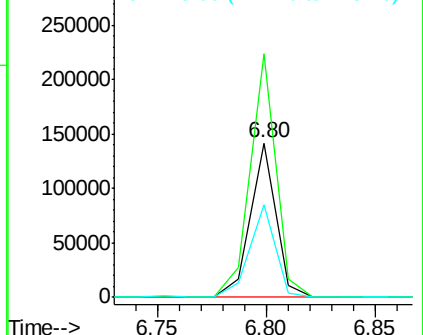
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion:152 Resp: 116775
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.8 185.6
 115 60.4 39.6 59.4#

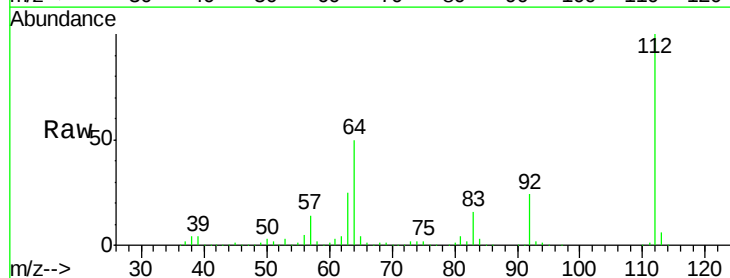


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

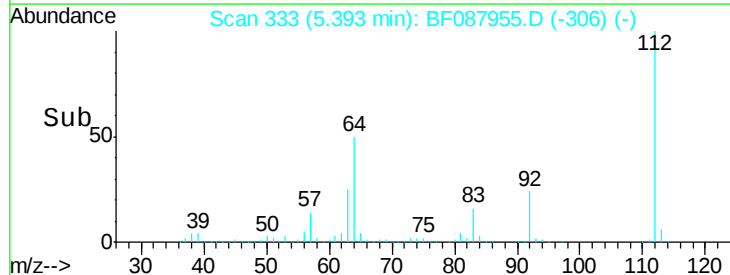
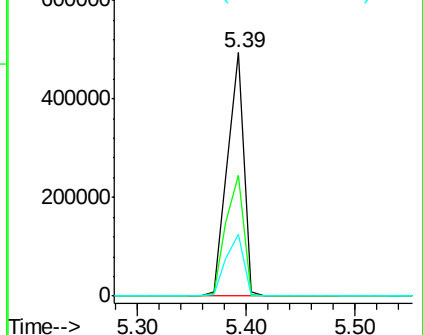


#5
 2-Fluorophenol
 Concen: 75.51 ng
 RT: 5.39 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Tgt Ion:112 Resp: 515782
 Ion Ratio Lower Upper
 112 100
 64 49.7 42.2 63.2
 63 25.4 21.8 32.8



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: 52.75 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

Instrument :

BNA_F

ClientSampleId :

W-04

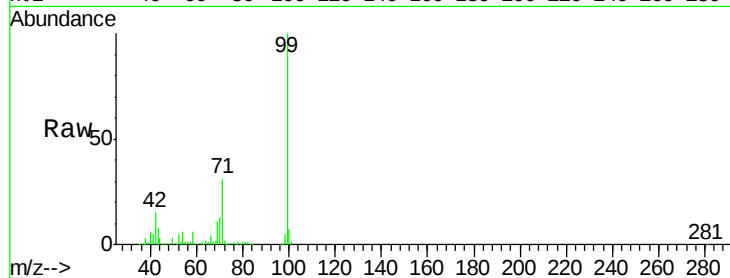
Tot Ion: 99 Resp: 436695

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

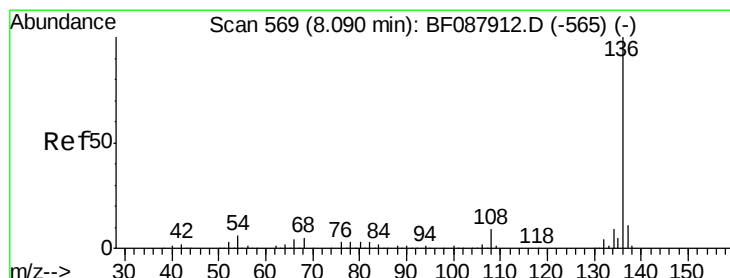
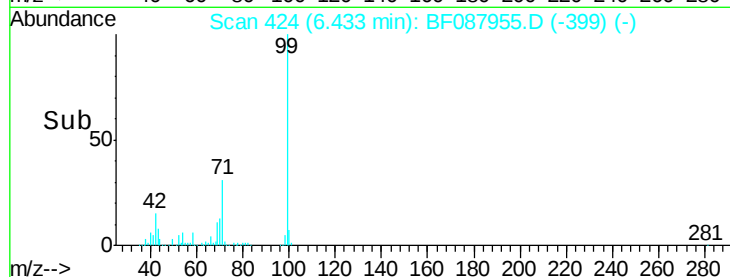
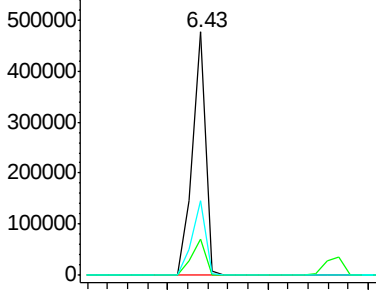
71 30.7 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

Tgt Ion: 136 Resp: 479183

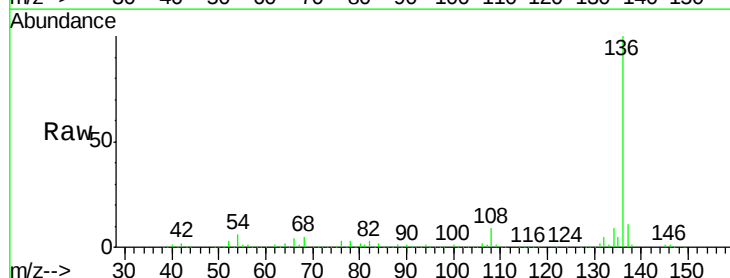
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.0 6.6 10.0#

68 5.2 5.1 7.7

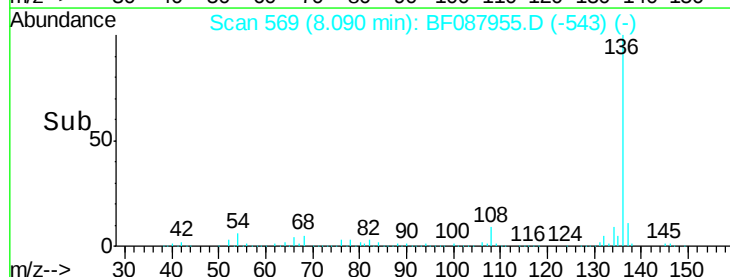
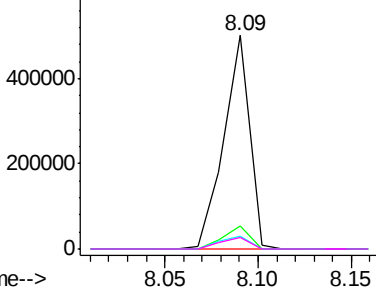


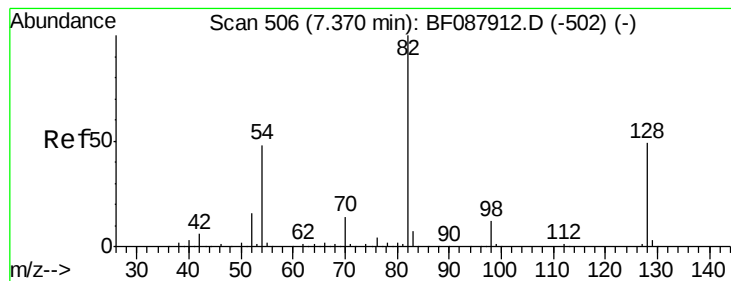
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.43 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

Instrument :

BNA_F

ClientSampleId :

W-04

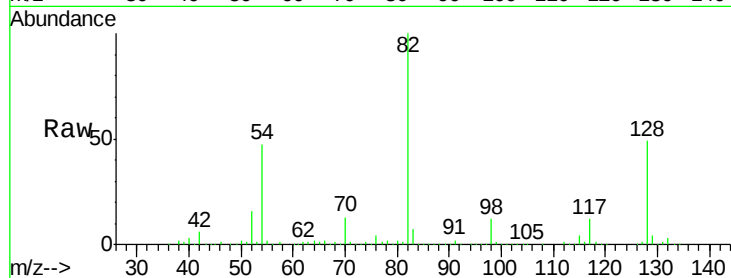
Tot Ion: 82 Resp: 692856

Ion Ratio Lower Upper

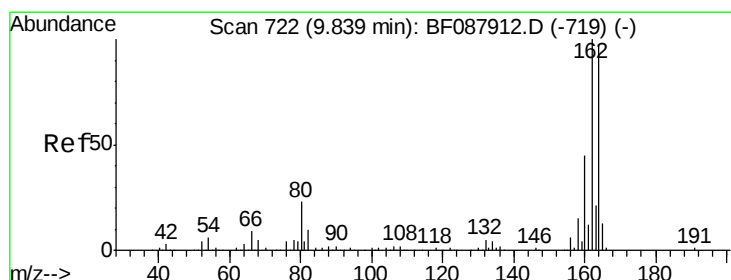
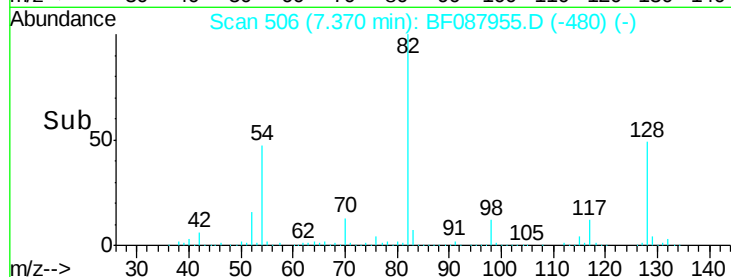
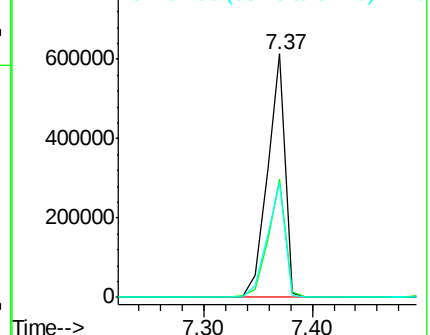
82 100

128 48.7 35.9 53.9

54 46.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

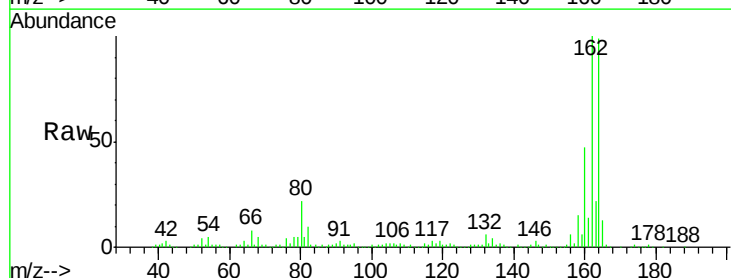
Tgt Ion:164 Resp: 256022

Ion Ratio Lower Upper

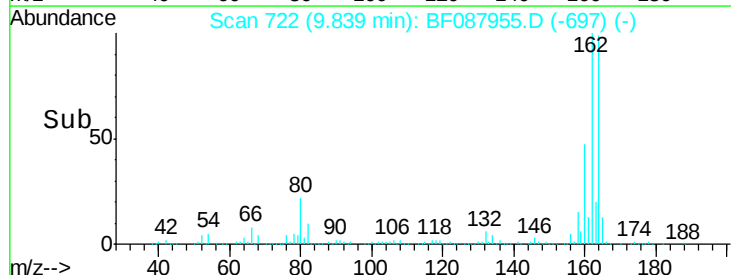
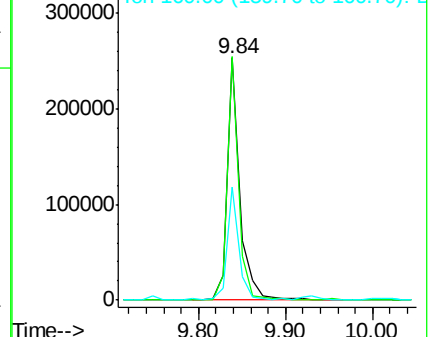
164 100

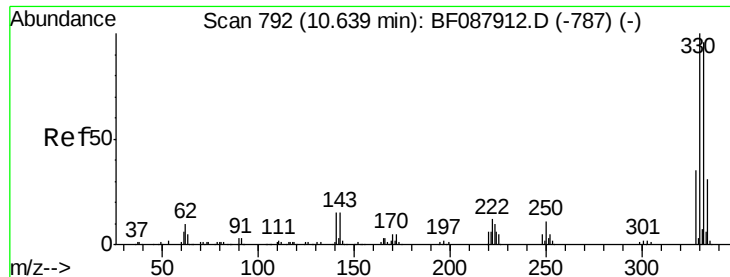
162 100.6 85.4 128.2

160 46.9 39.5 59.3



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

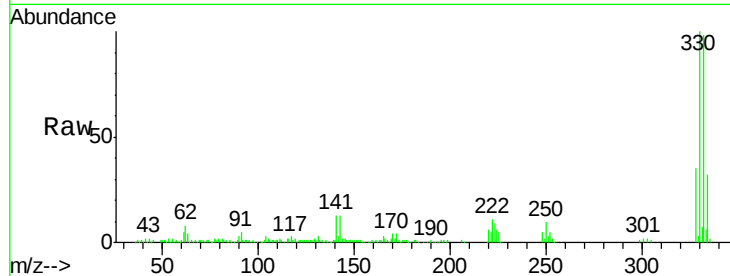




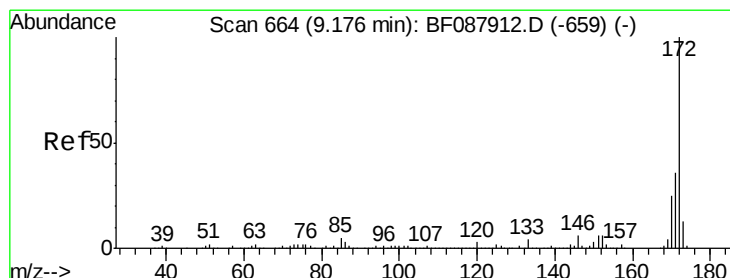
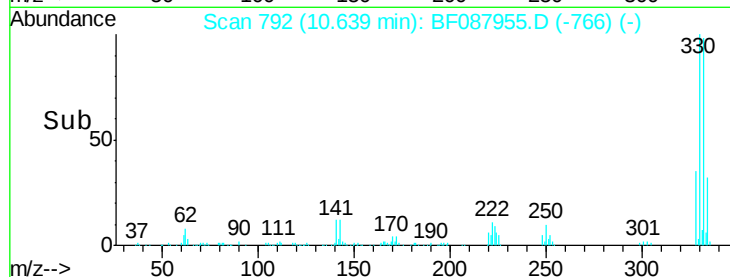
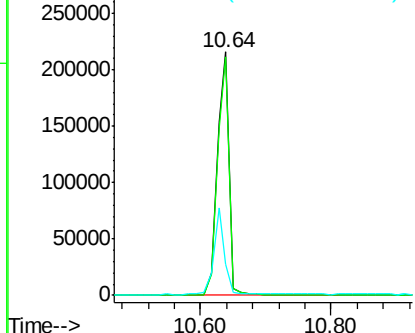
#41
 2,4,6-Tribromophenol
 Concen: 103.21 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	31.8	0.0	0.0#

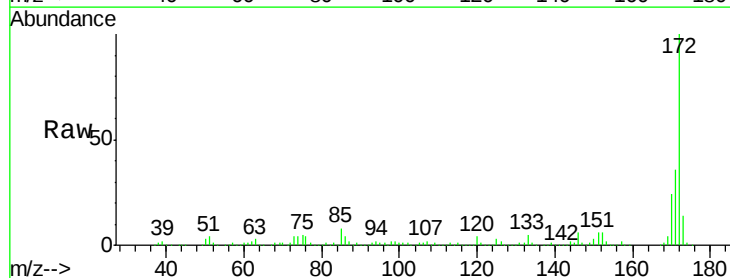


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

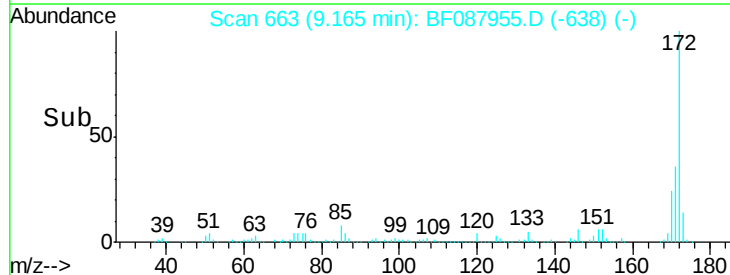
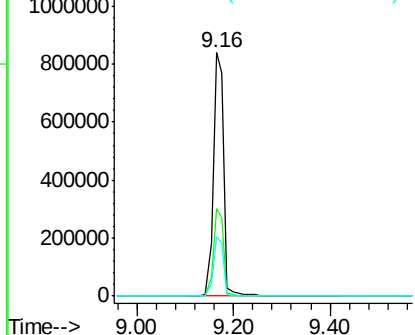


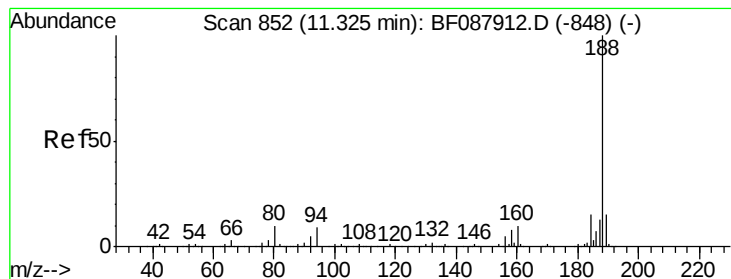
#44
 2-Fluorobiphenyl
 Concen: 78.68 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8



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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

Instrument :

BNA_F

ClientSampleId :

W-04

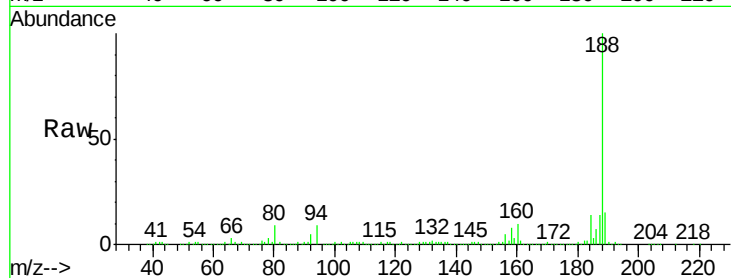
Tot Ion:188 Resp: 416744

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

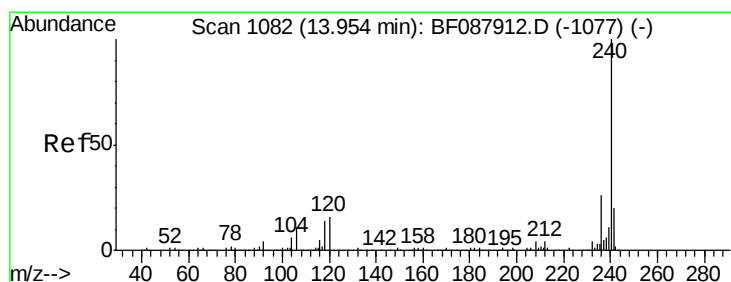
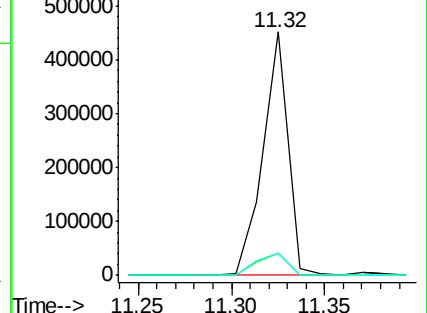
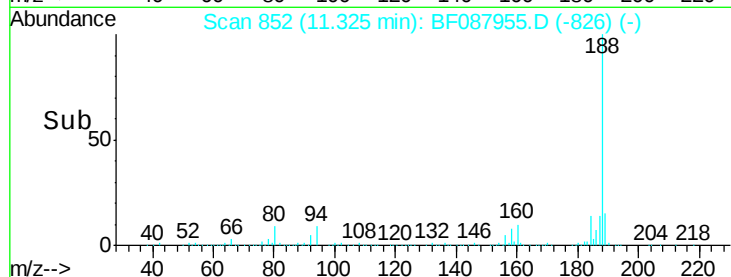
80 9.0 10.0 15.0#



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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087955.D

Acq: 12 Jun 2016 18:34

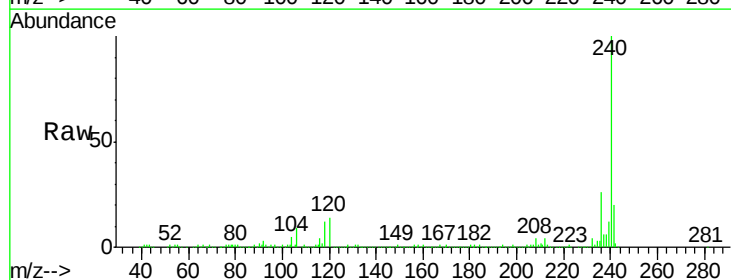
Tgt Ion:240 Resp: 293213

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

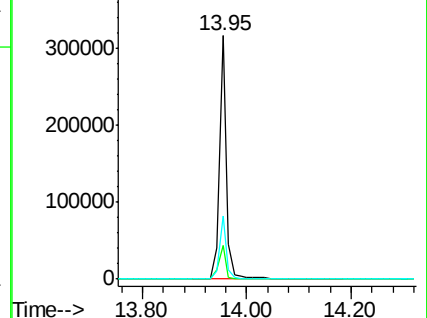
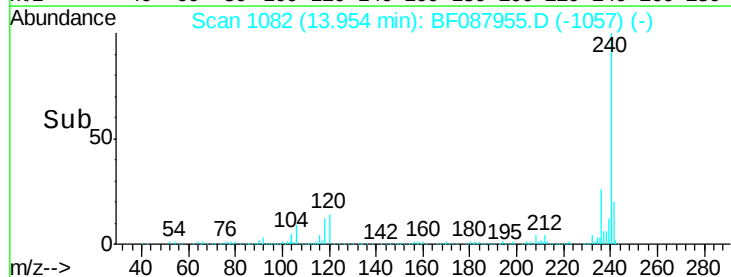
236 25.8 20.2 30.2

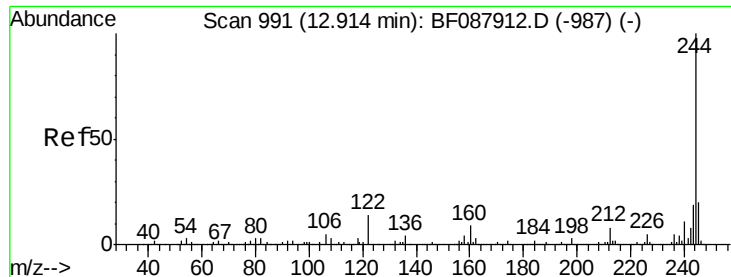


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

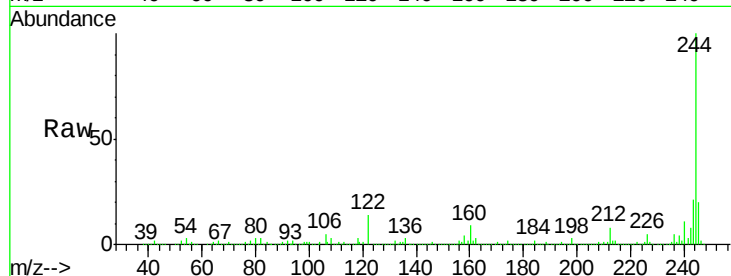




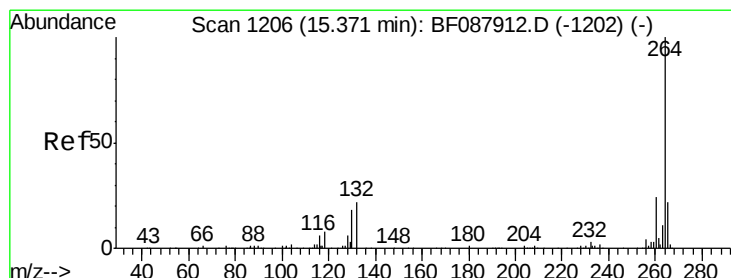
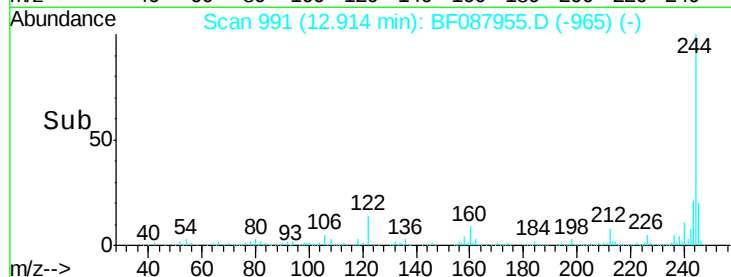
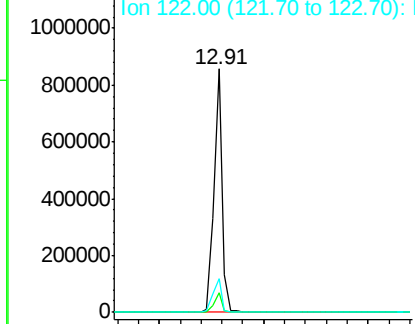
#78
 Terphenyl-d14
 Concen: 72.69 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion:244 Resp: 936644
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.7 11.2 16.8

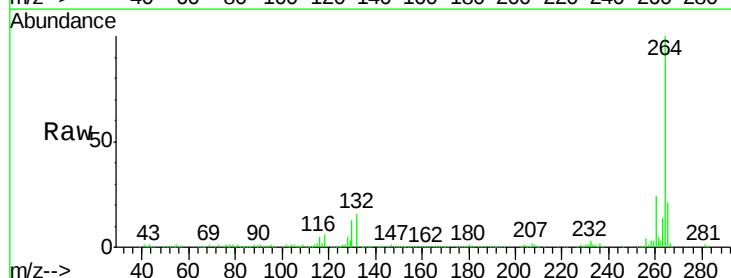


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087955.D
 Acq: 12 Jun 2016 18:34

Tgt Ion:264 Resp: 234325
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 16.9 25.3



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

