

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087383.D
 Acq On : 25 May 2016 21:19
 Operator : UM/SJ
 Sample : H3238-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Quant Time: May 26 13:25:31 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 22:35:30 2016
 Response via : Initial Calibration

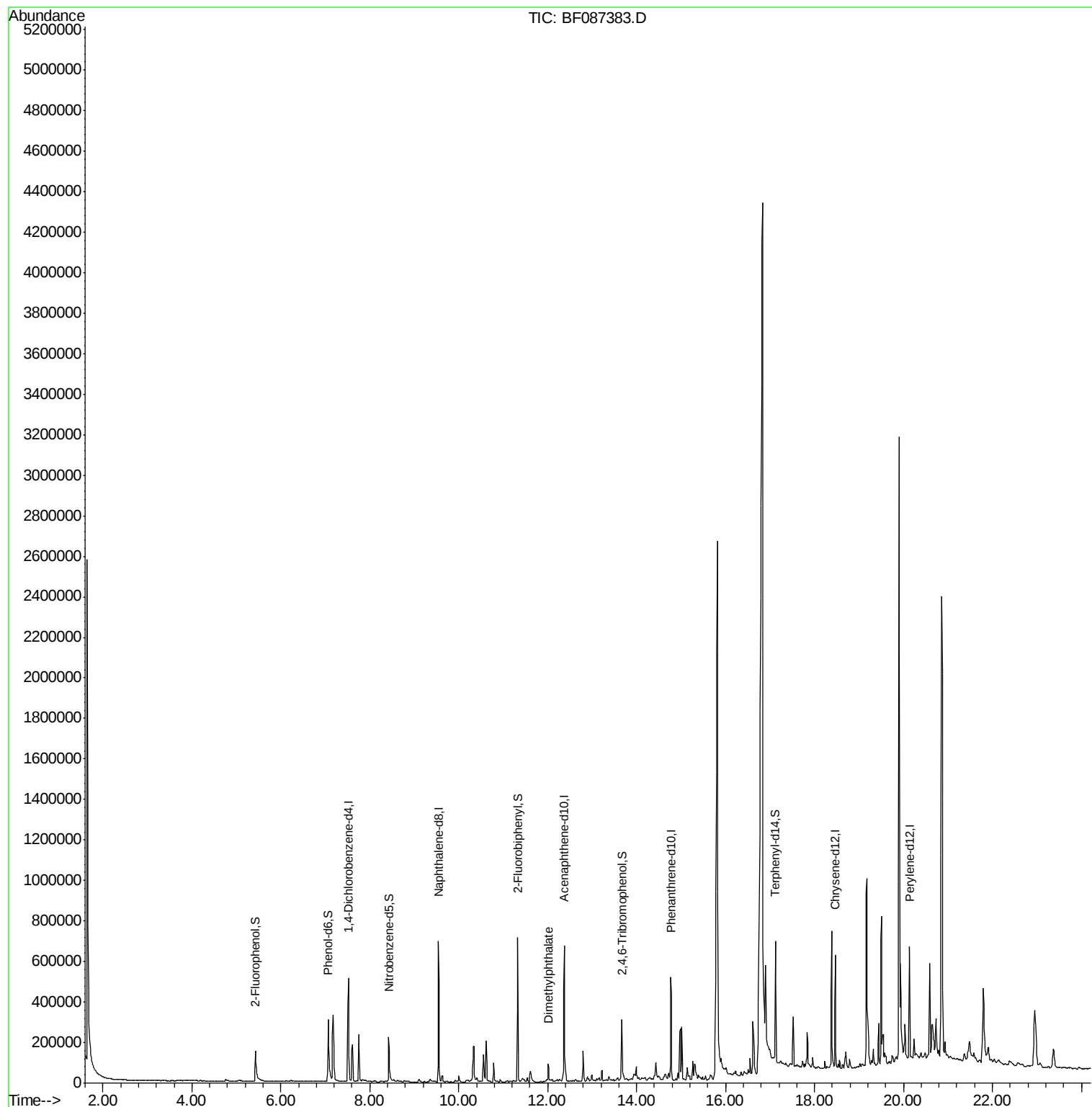
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109660	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	426424	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	178296	20.00	ng	-0.01
63) Phenanthrene-d10	14.77	188	277063	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	237679	20.00	ng	-0.01
86) Perylene-d12	20.14	264	176104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	91069	14.59	ng	0.01
7) Phenol-d6	7.06	99	183198	21.72	ng	-0.01
23) Nitrobenzene-d5	8.42	82	116333	13.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	47411	27.67	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	265335	20.98	ng	-0.01
78) Terphenyl-d14	17.12	244	224499	20.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.02	163	46854	3.28	ng	98

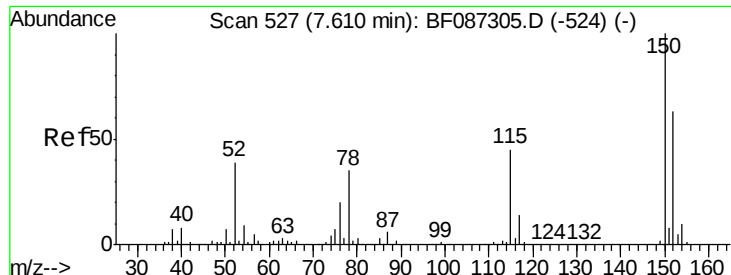
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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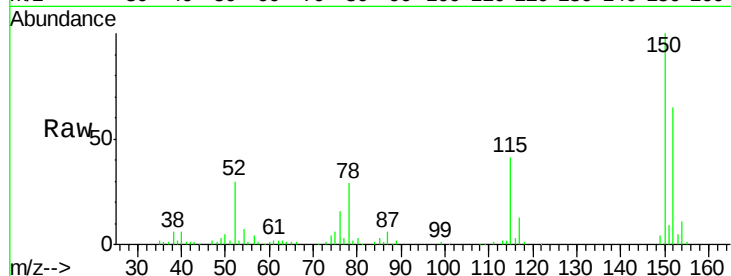


#1

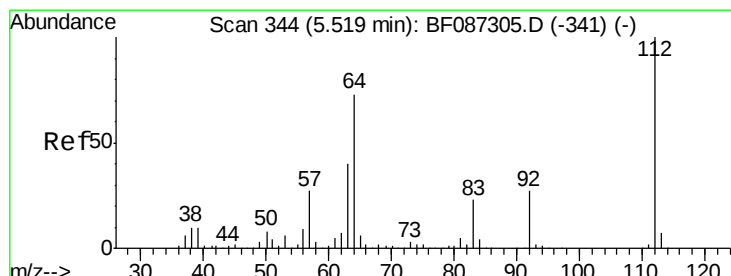
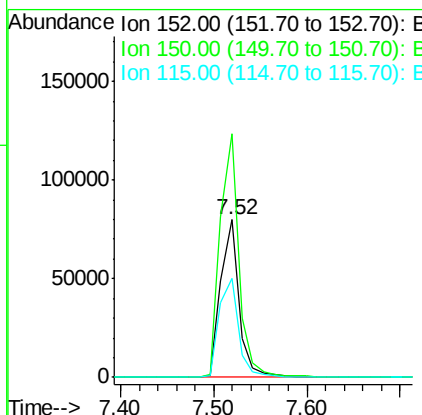
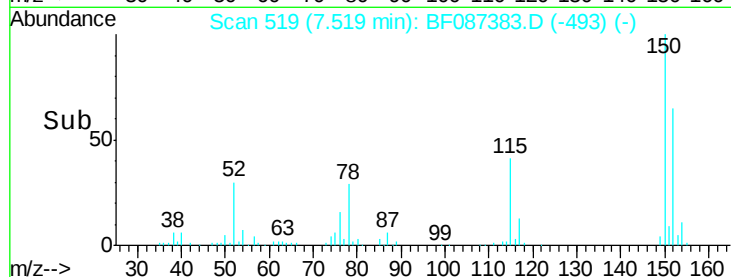
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Instrument :
BNA_F
ClientSampleId :
1605104335

Tot Ion:152 Resp: 109660
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 62.8 51.5 77.3



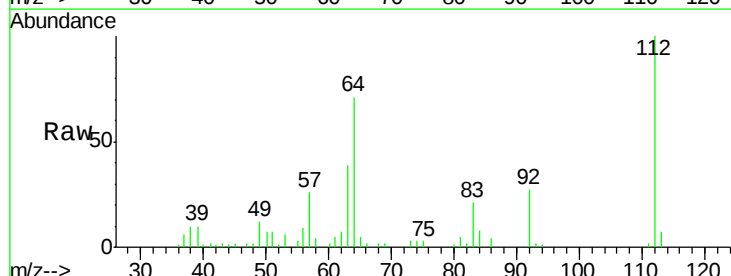
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



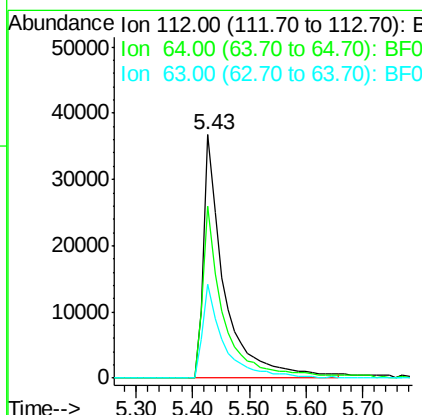
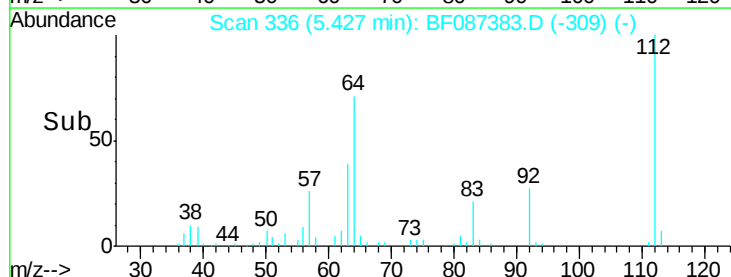
#5

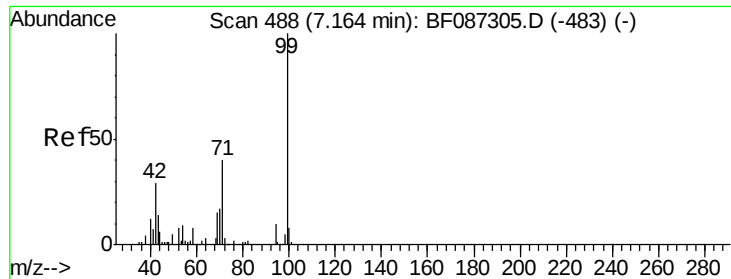
2-Fluorophenol
Concen: 14.59 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087383.D
Acq: 25 May 2016 21:19

Tgt Ion:112 Resp: 91069
Ion Ratio Lower Upper
112 100
64 70.9 52.1 78.1
63 38.6 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: 21.72 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Instrument :

BNA_F

ClientSampleId :

1605104335

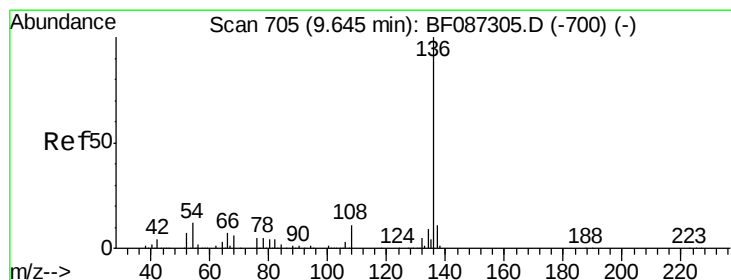
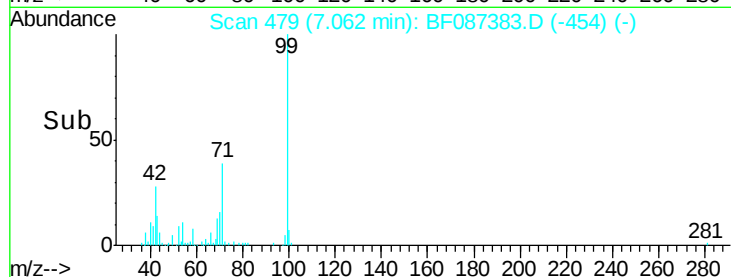
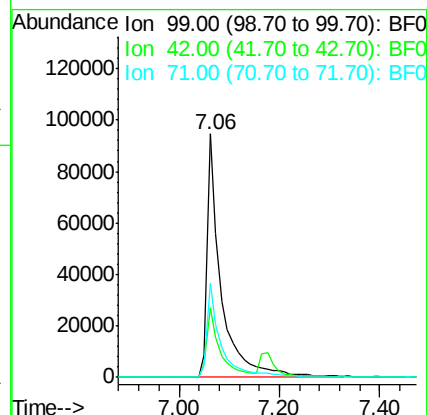
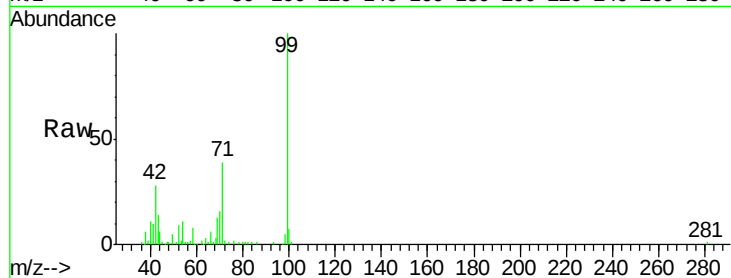
Tot Ion: 99 Resp: 183198

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

71 38.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Tgt Ion: 136 Resp: 426424

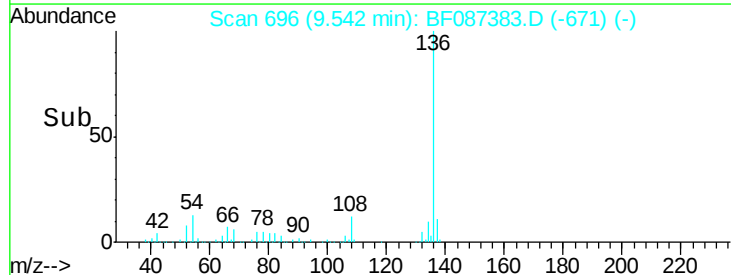
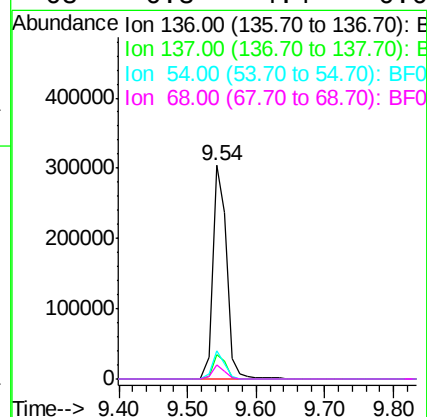
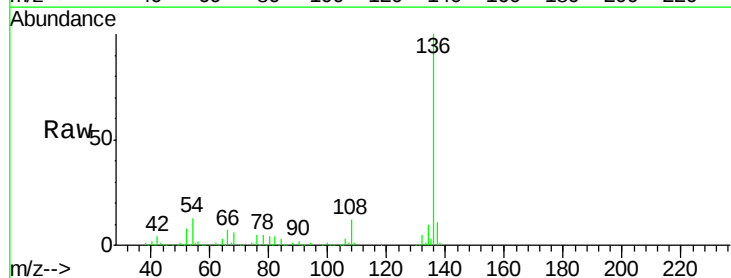
Ion Ratio Lower Upper

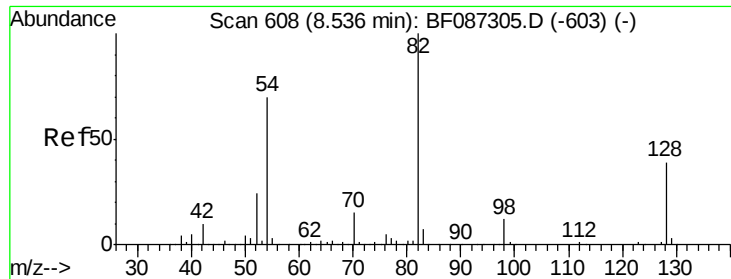
136 100

137 11.2 8.8 13.2

54 13.1 5.0 7.4#

68 6.3 4.4 6.6

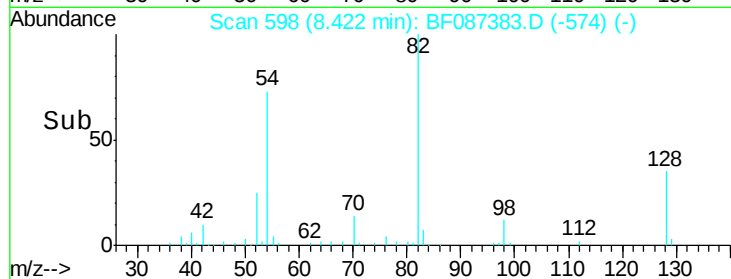
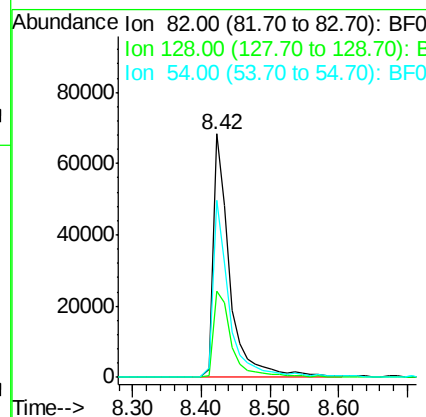
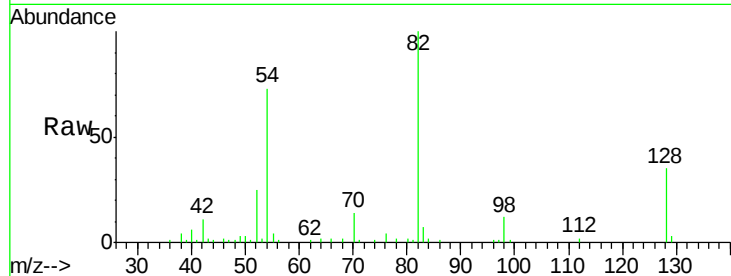




#23
 Nitrobenzene-d5
 Concen: 13.75 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

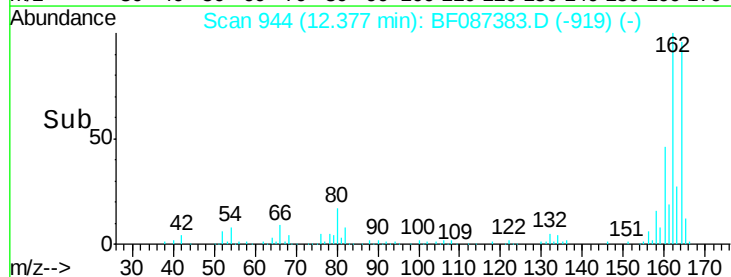
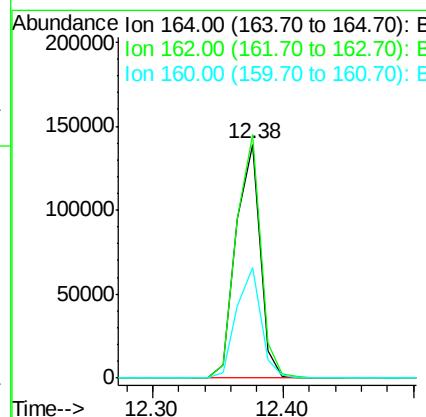
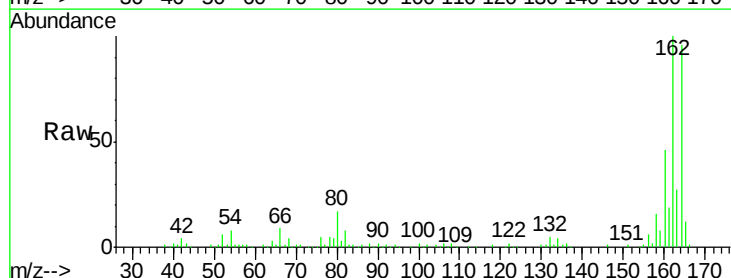
Instrument :
 BNA_F
 ClientSampleId :
 1605104335

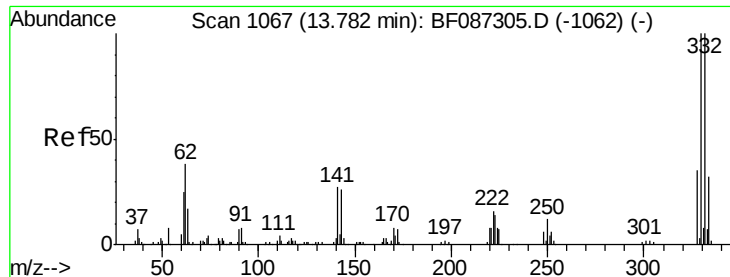
Tot Ion: 82 Resp: 116333
 Ion Ratio Lower Upper
 82 100
 128 35.2 40.6 61.0#
 54 72.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Tgt Ion: 164 Resp: 178296
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 47.5 36.9 55.3

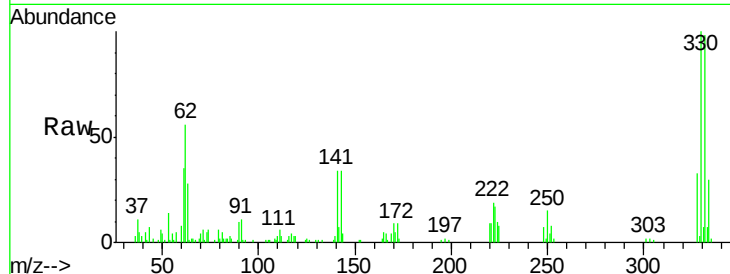




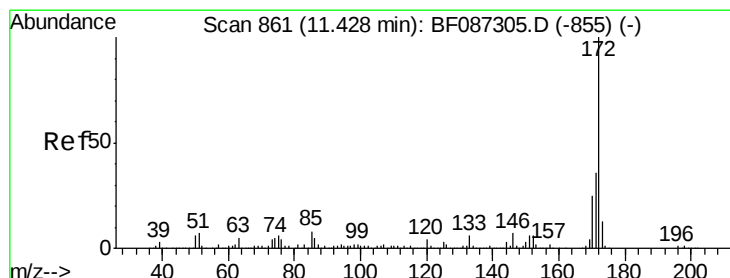
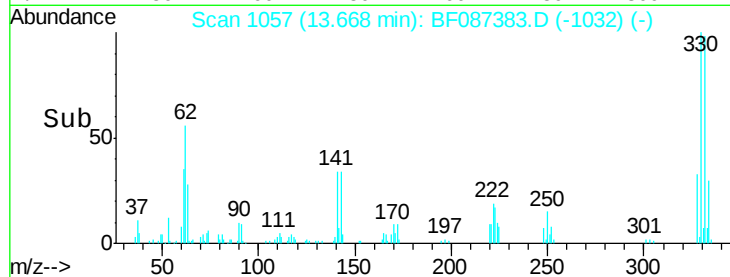
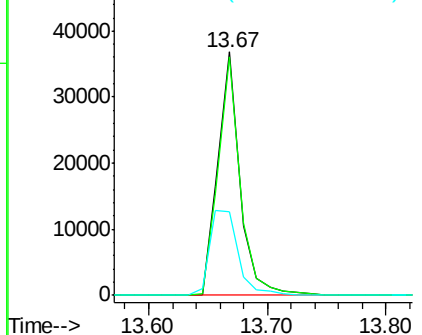
#41
 2,4,6-Tribromophenol
 Concen: 27.67 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 1605104335

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	45.1	31.2	46.8

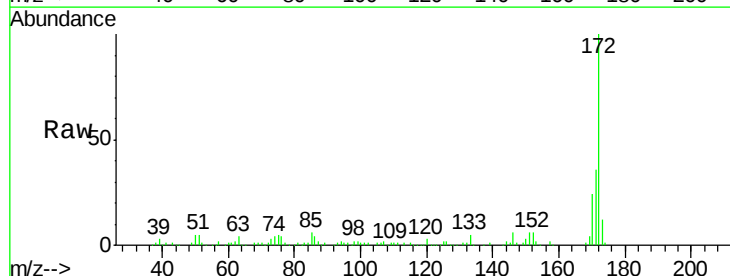


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

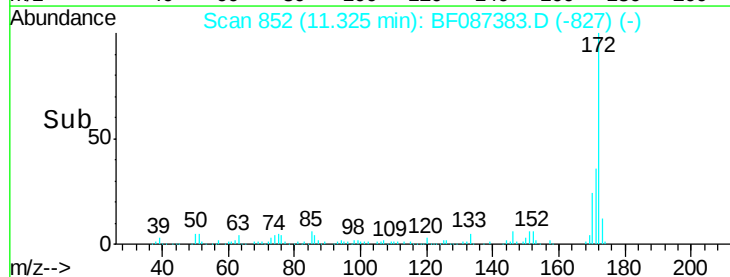
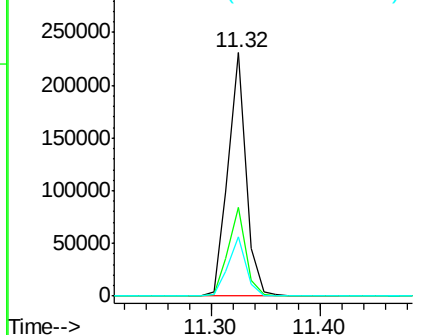


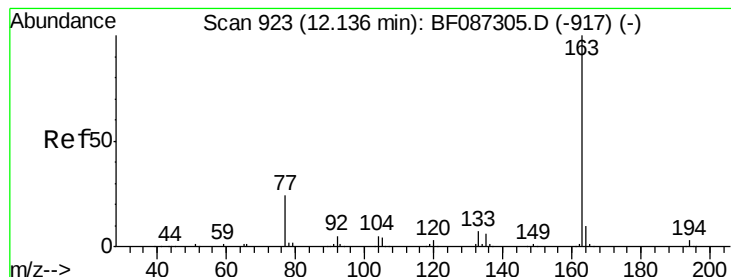
#44
 2-Fluorobiphenyl
 Concen: 20.98 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087383.D
 Acq: 25 May 2016 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	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





#49

Dimethylphthalate

Concen: 3.28 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Instrument :

BNA_F

ClientSampleId :

1605104335

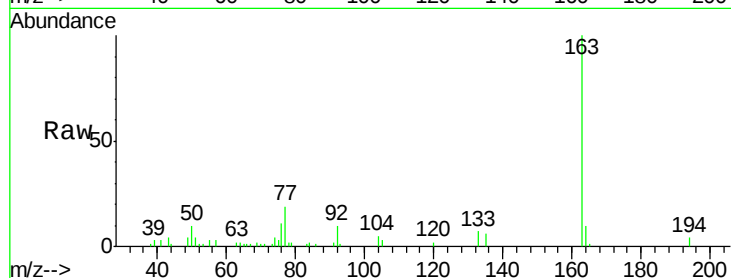
Tot Ion:163 Resp: 46854

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

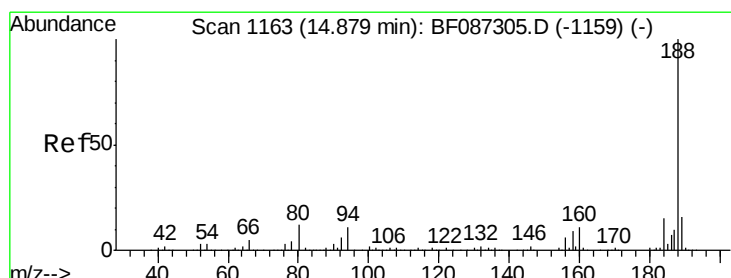
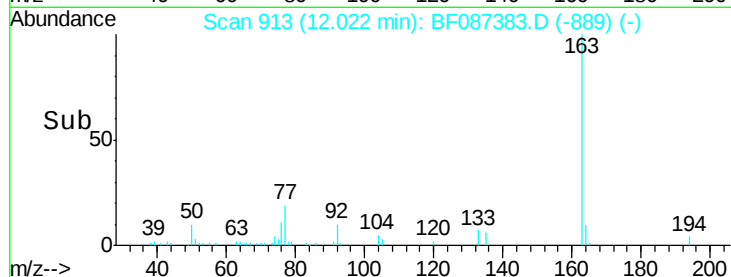
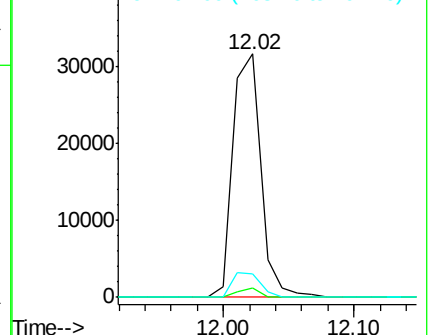
164 9.7 8.2 12.4



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: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

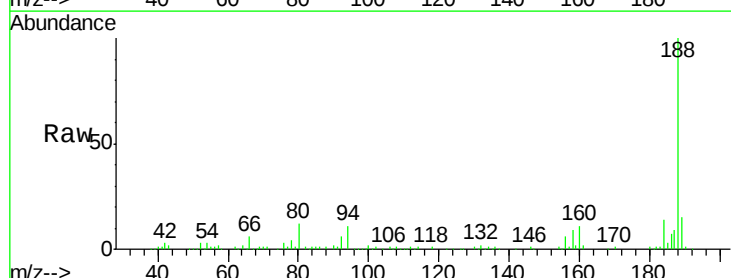
Tgt Ion:188 Resp: 277063

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

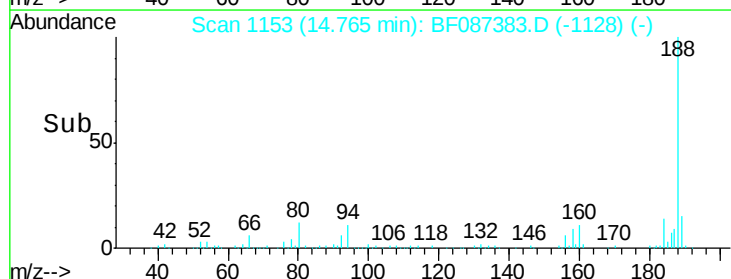
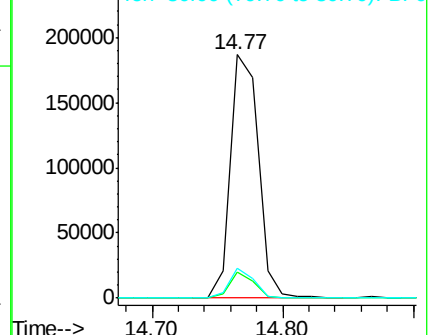
80 12.3 7.1 10.7#

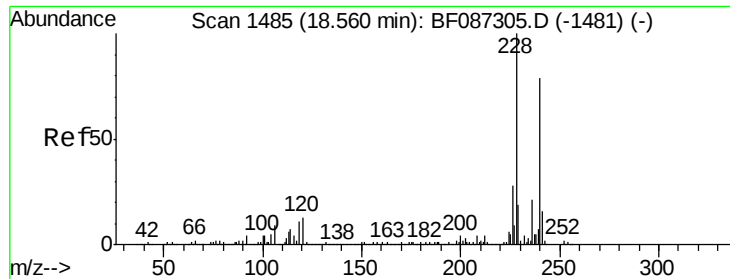


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

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1605104335

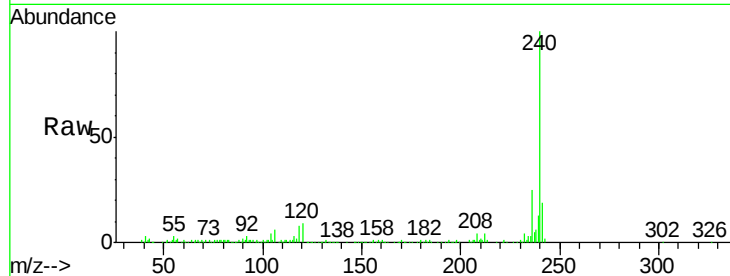
Tot Ion:240 Resp: 237679

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

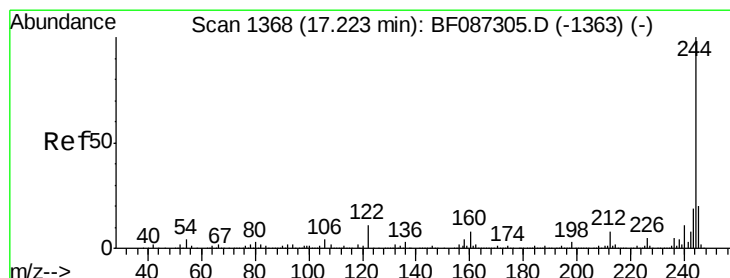
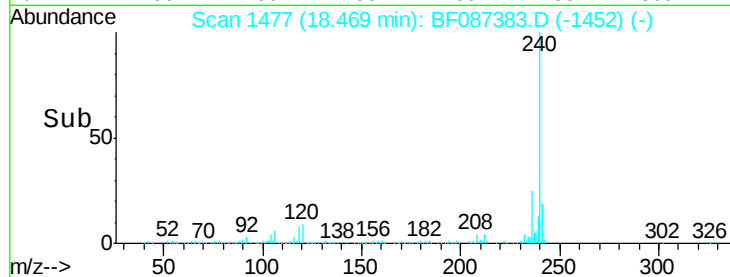
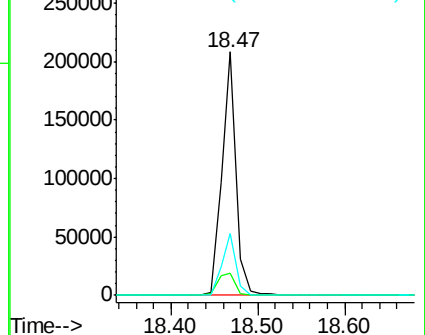
236 25.5 21.2 31.8



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: 20.08 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

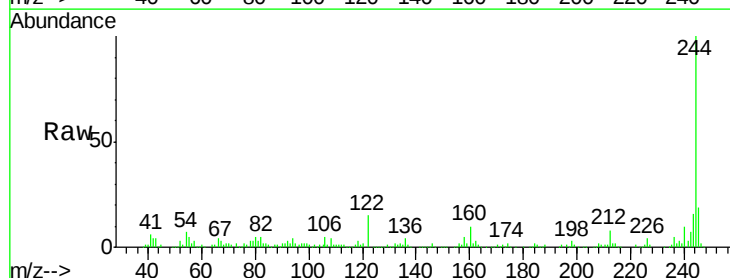
Tgt Ion:244 Resp: 224499

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

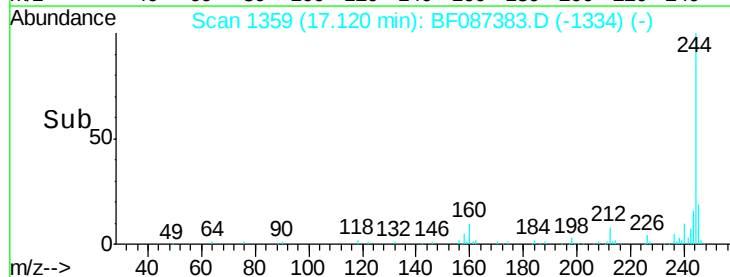
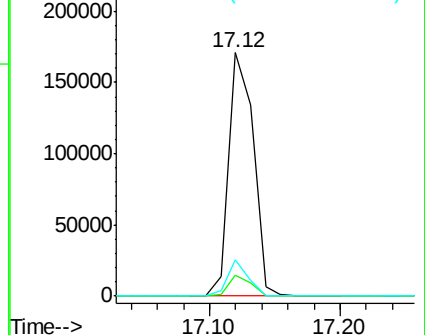
122 14.7 12.0 18.0

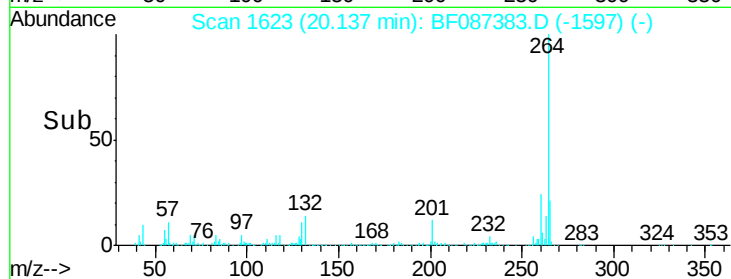
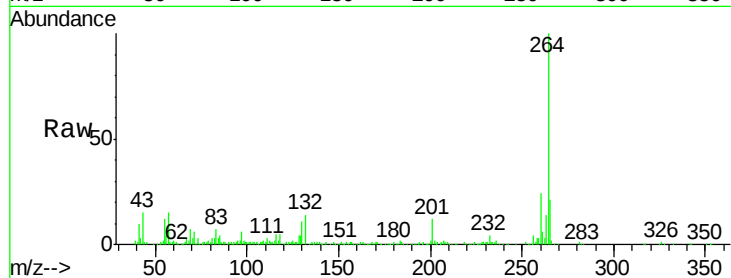
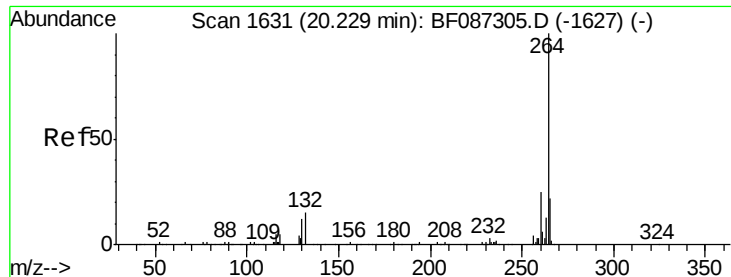


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min

Lab File: BF087383.D

Acq: 25 May 2016 21:19

Instrument :

BNA_F

ClientSampleId :

1605104335

Tot Ion: 264 Resp: 176104

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.1 17.3 25.9

