

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087537.D
 Acq On : 30 May 2016 5:41
 Operator : UM/SJ
 Sample : H3268-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

Quant Time: May 30 07:27:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

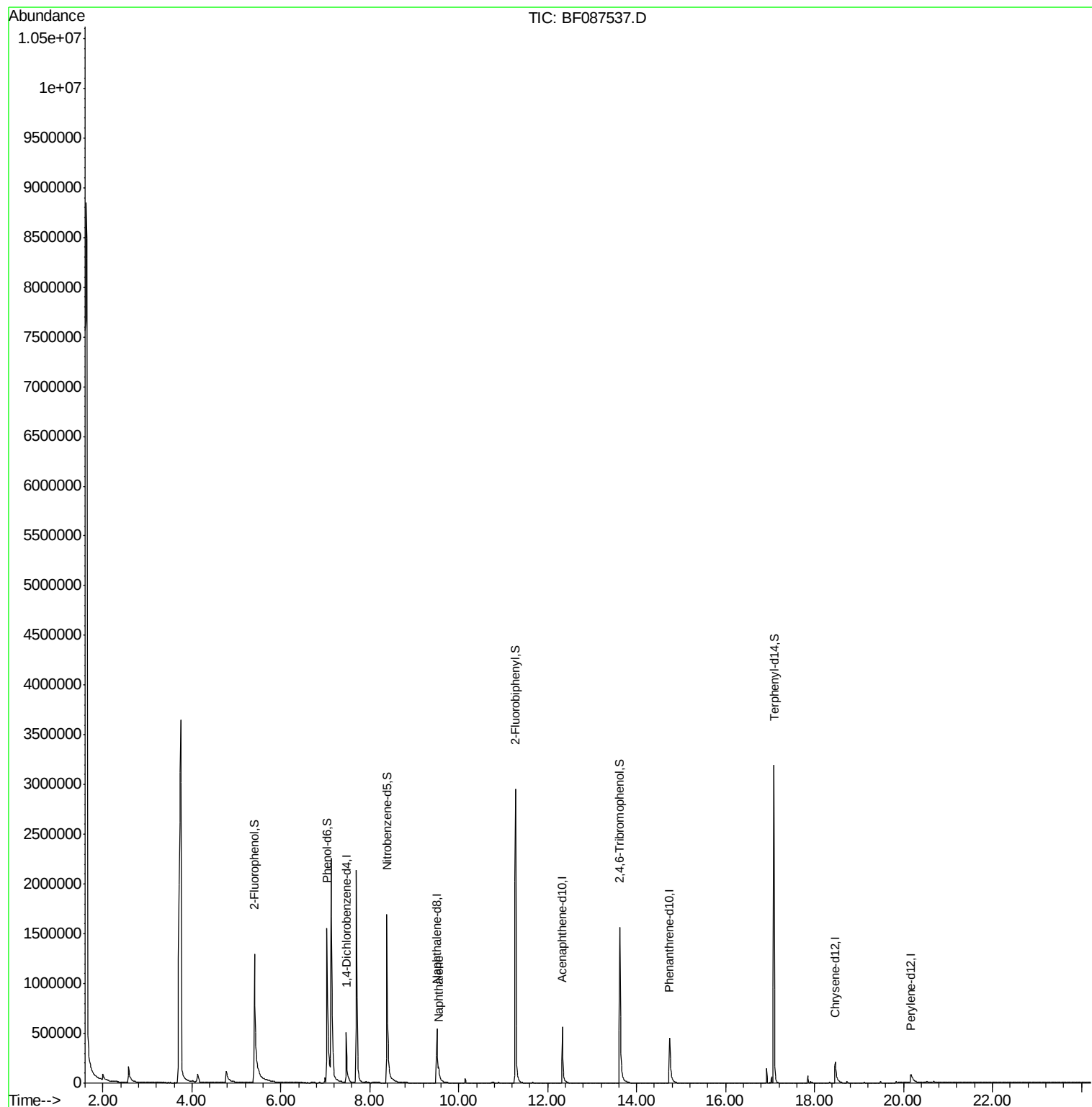
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	107386	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	437774	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	182478	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	364339	20.00	ng	0.00
75) Chrysene-d12	18.47	240	219693	20.00	ng	0.02
86) Perylene-d12	20.17	264	98070	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	772707	126.44	ng	0.03
7) Phenol-d6	7.04	99	962903	116.60	ng	0.00
23) Nitrobenzene-d5	8.39	82	793787	91.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	260238	148.40	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1345868	103.98	ng	-0.01
78) Terphenyl-d14	17.09	244	1138648	110.19	ng	-0.01
Target Compounds						
31) Naphthalene	9.54	128	163432	7.45	ng	Qvalue 98

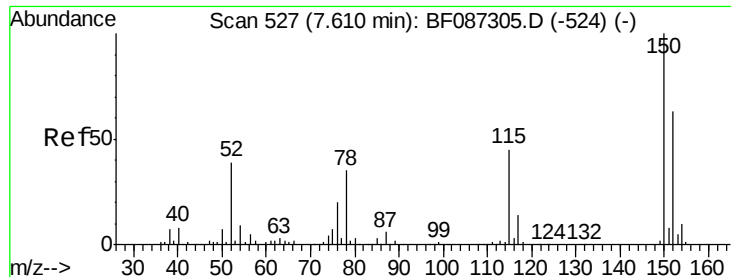
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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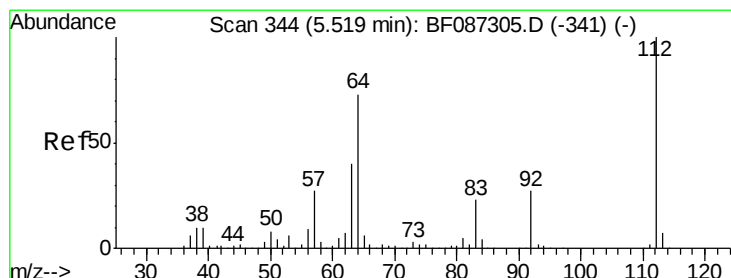
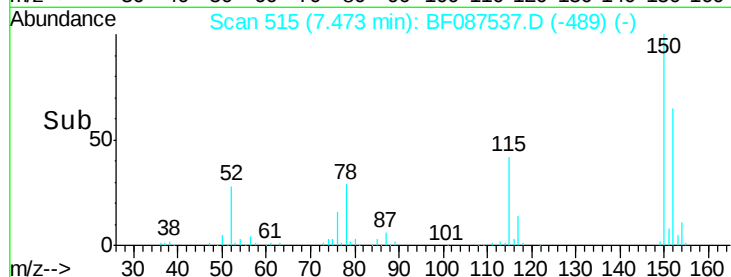
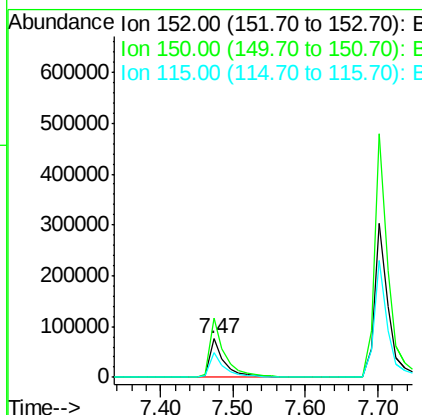
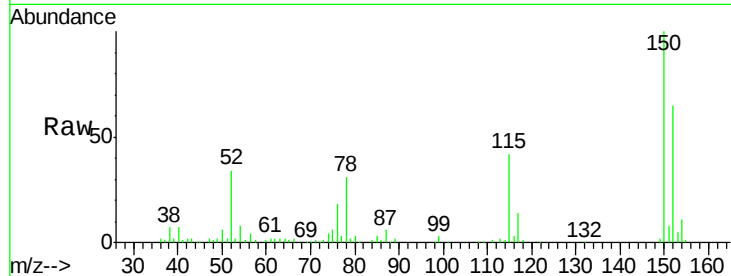


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)

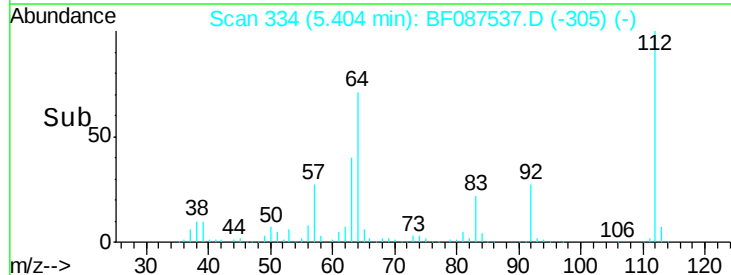
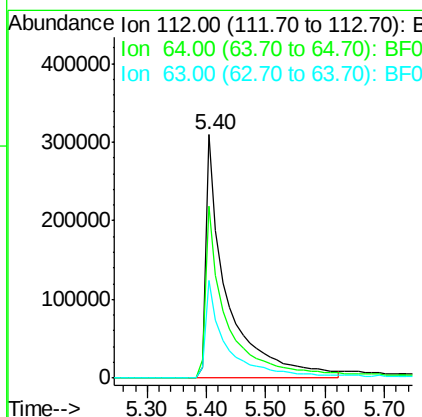
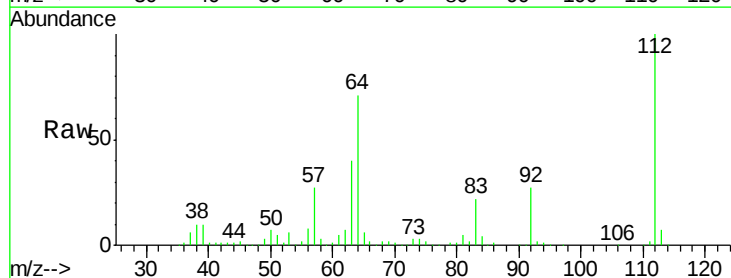
Tot Ion:152 Resp: 107386
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 64.8 51.5 77.3

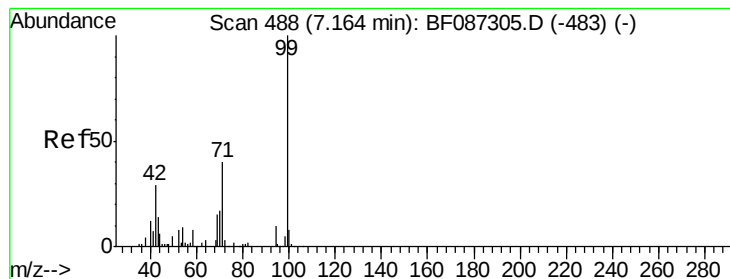


#5

2-Fluorophenol
Concen: 126.44 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Tgt Ion:112 Resp: 772707
Ion Ratio Lower Upper
112 100
64 70.7 52.1 78.1
63 39.9 25.7 38.5#





#7

Phenol-d6

Concen: 116.60 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)

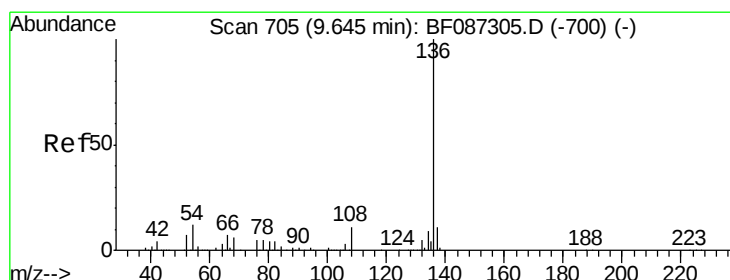
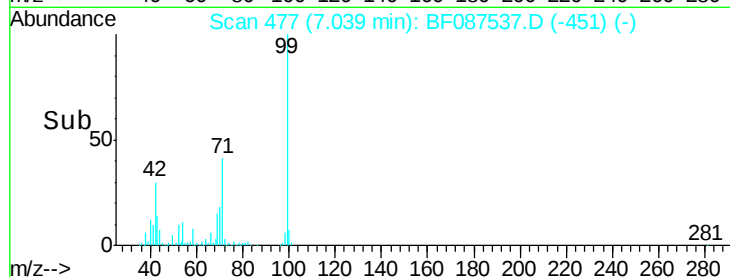
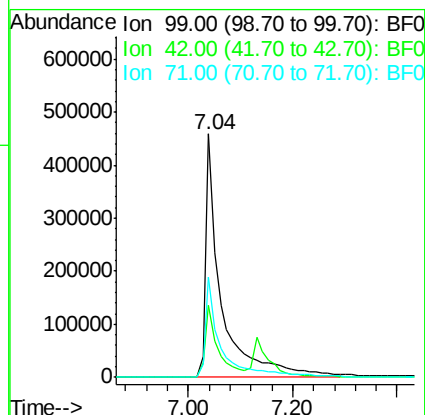
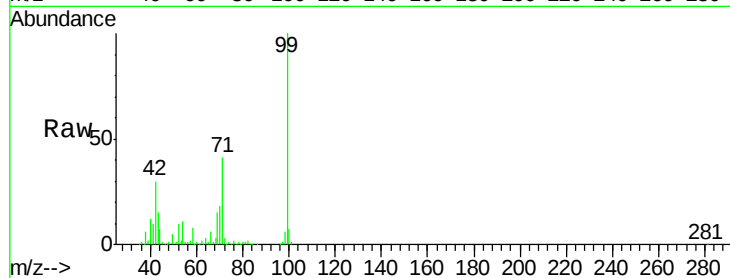
Tot Ion: 99 Resp: 962903

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 41.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

Tgt Ion: 136 Resp: 437774

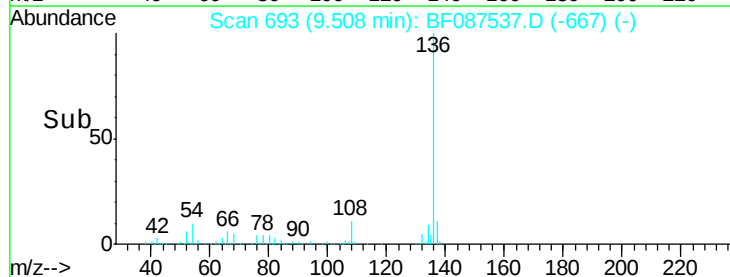
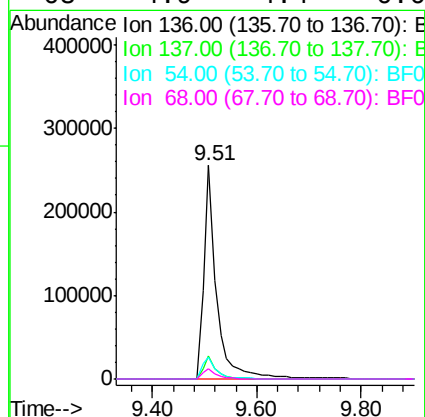
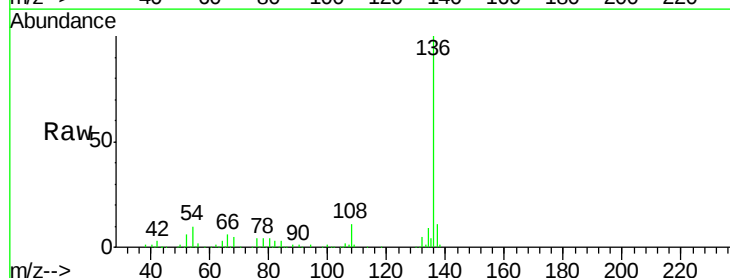
Ion Ratio Lower Upper

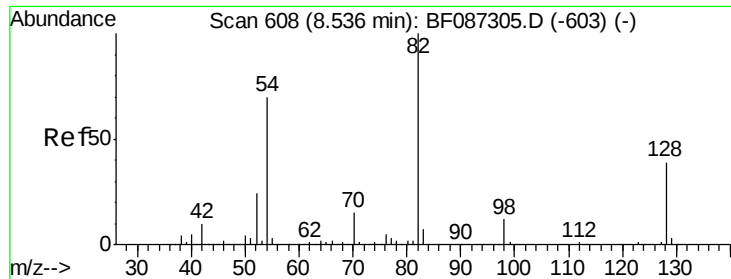
136 100

137 10.8 8.8 13.2

54 10.2 5.0 7.4#

68 4.9 4.4 6.6

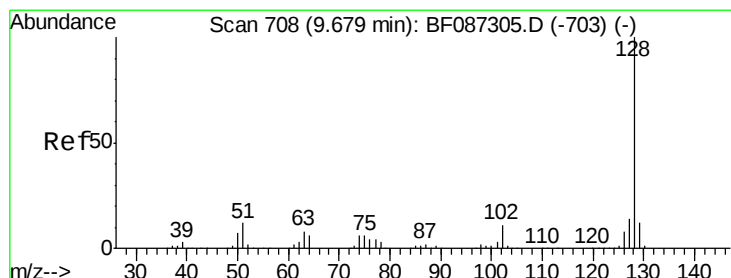
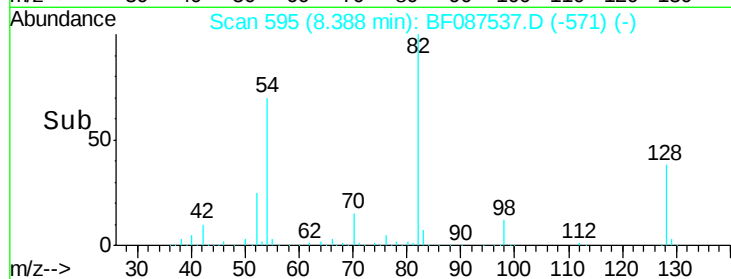
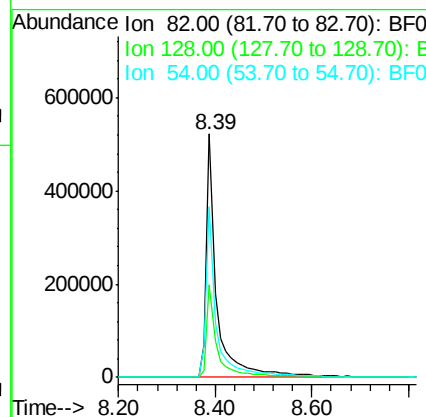
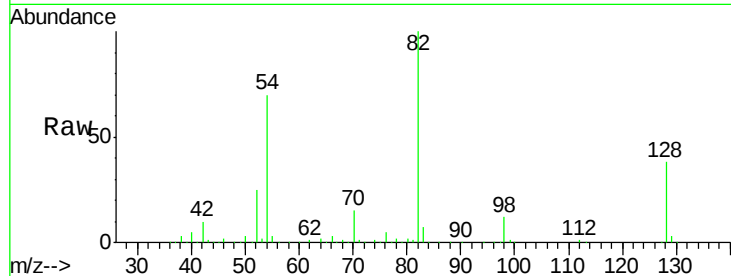




#23
 Nitrobenzene-d5
 Concen: 91.38 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

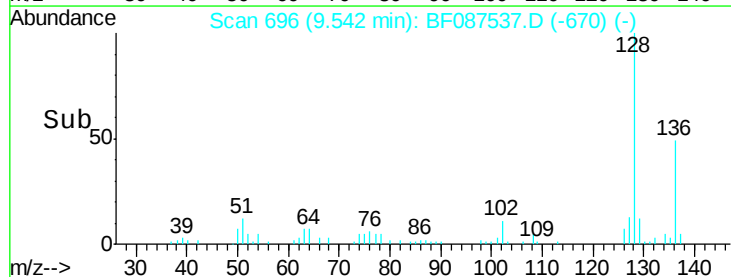
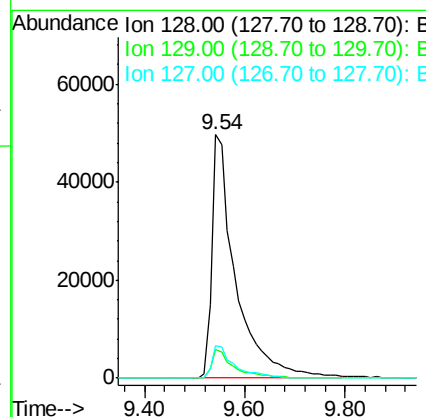
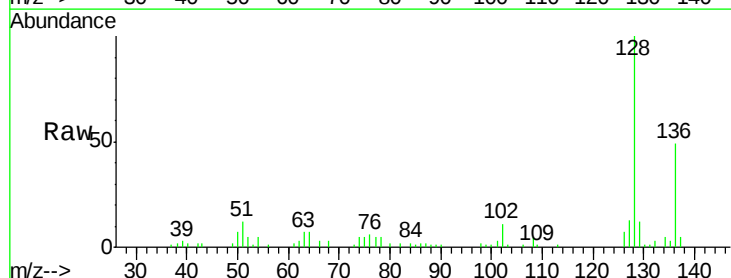
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

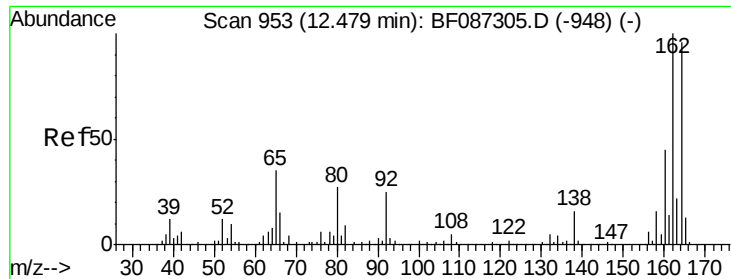
Tot Ion	82	Resp	793787
Ion Ratio	Lower	Upper	
82	100		
128	37.8	40.6	61.0#
54	70.1	38.1	57.1#



#31
 Naphthalene
 Concen: 7.45 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Tgt Ion	128	Resp	163432
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.6	13.0
127	13.2	10.8	16.2

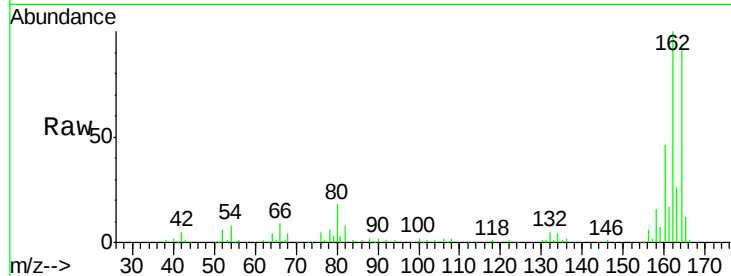




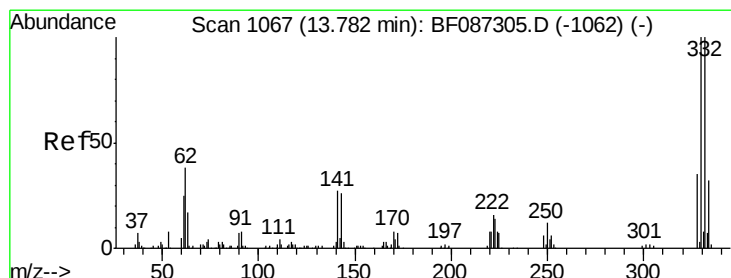
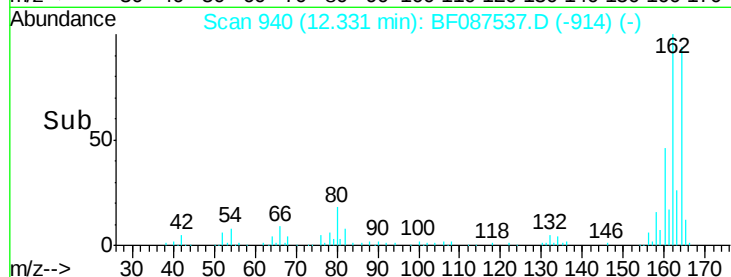
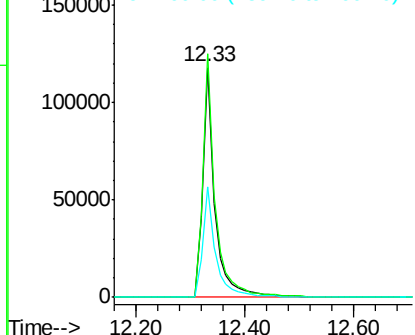
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

Tot Ion:164 Resp: 182478
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.8 124.2
 160 48.3 36.9 55.3

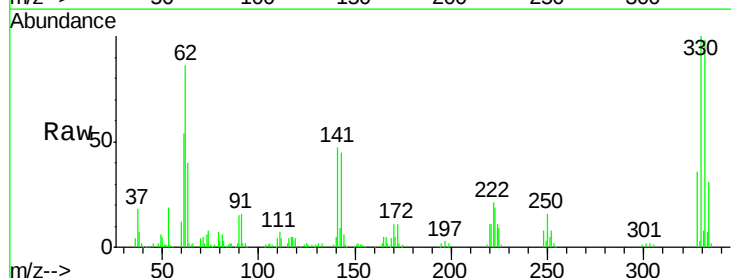


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

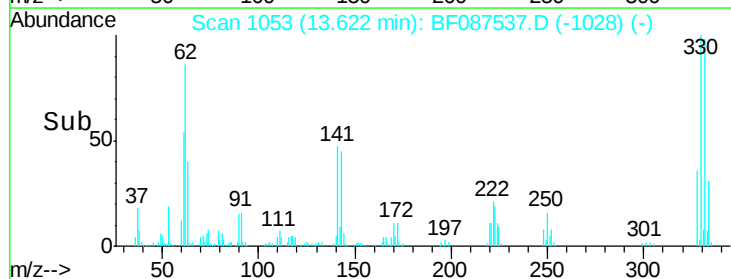
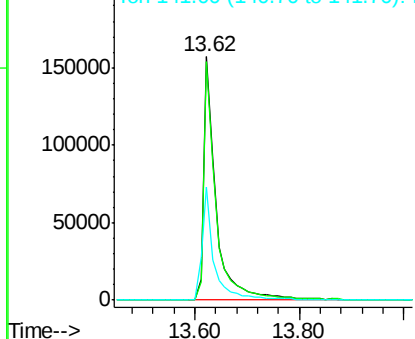


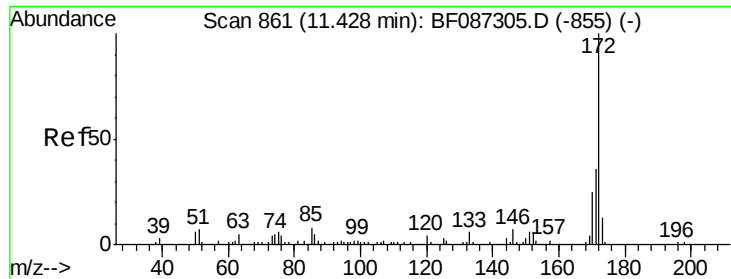
#41
 2,4,6-Tribromophenol
 Concen: 148.40 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Tgt Ion:330 Resp: 260238
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 46.1 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: 103.98 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)

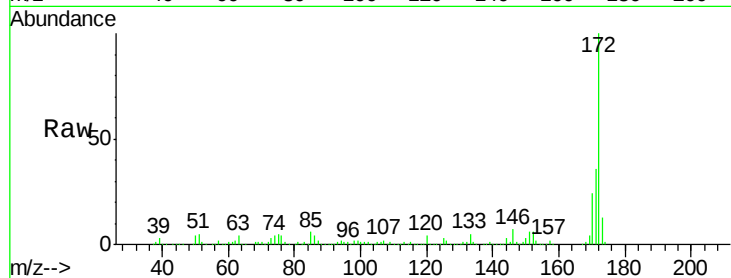
Tot Ion:172 Resp: 1345868

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

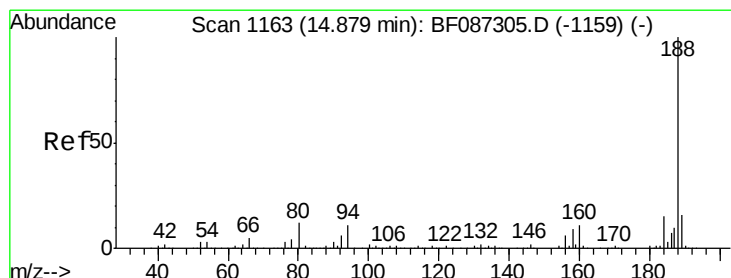
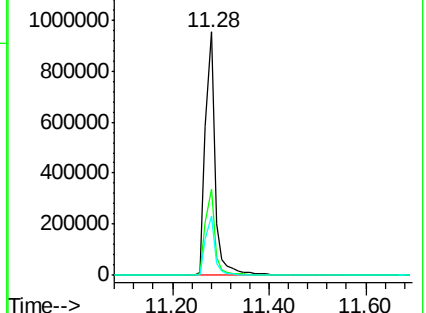
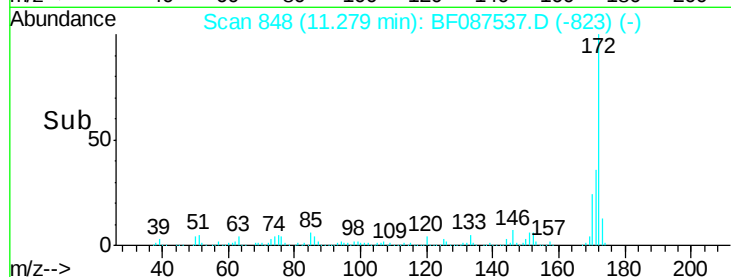
170 24.3 19.8 29.8



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: BF087537.D

Acq: 30 May 2016 5:41

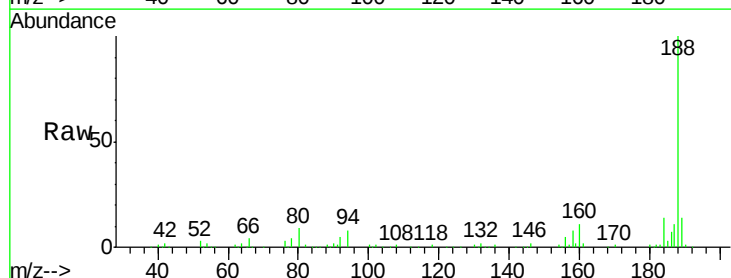
Tgt Ion:188 Resp: 364339

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

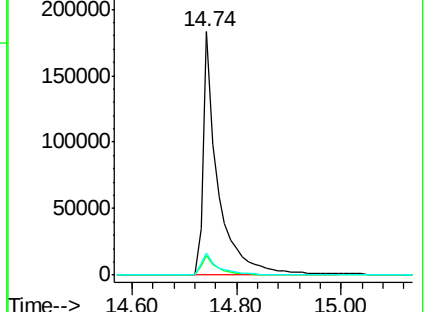
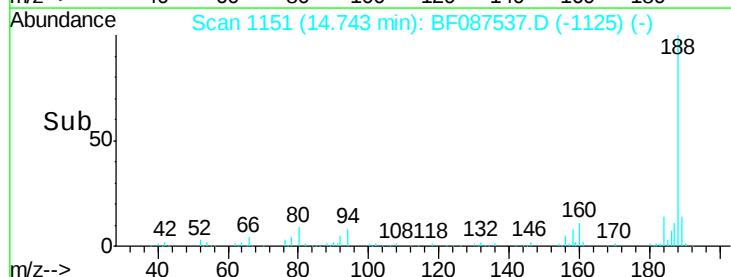
80 9.2 7.1 10.7

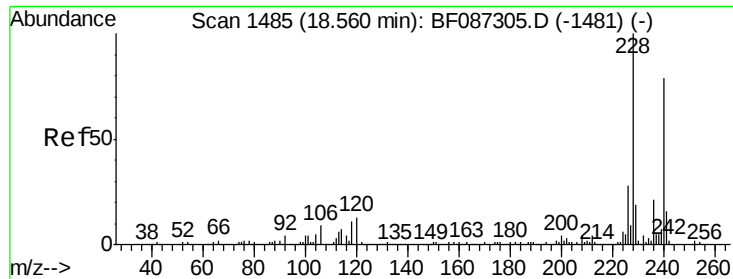


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087537.D

Acq: 30 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)

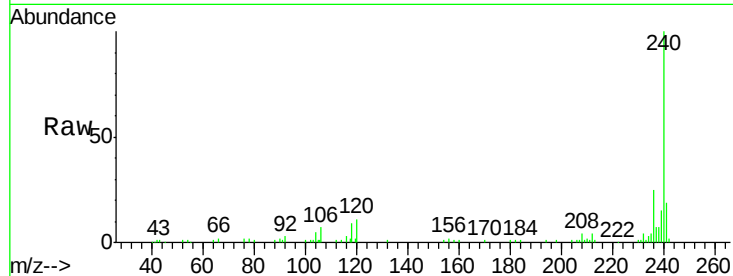
Tot Ion:240 Resp: 219693

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

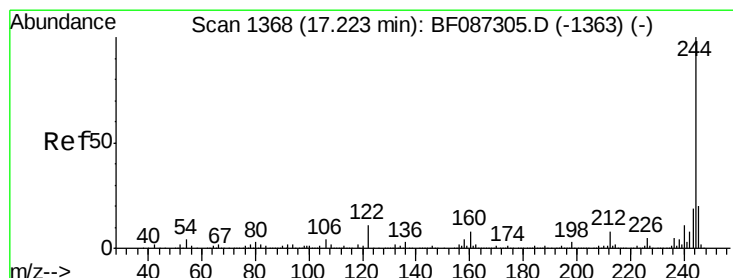
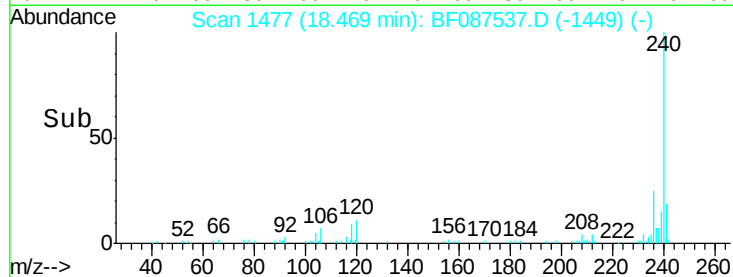
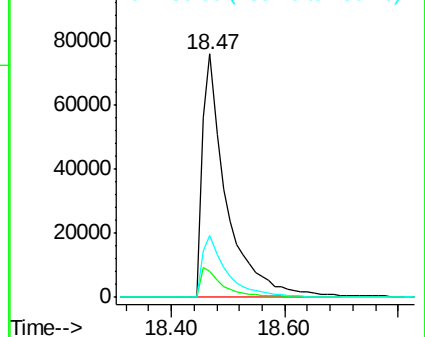
236 25.3 21.2 31.8



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: 110.19 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

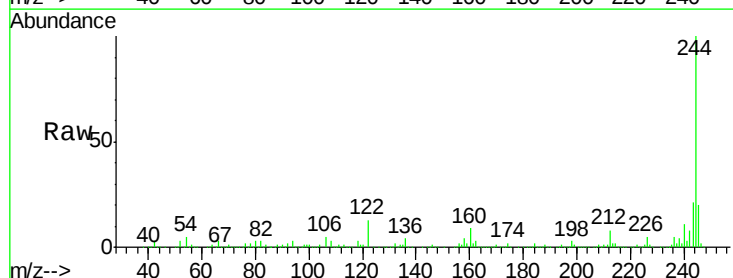
Tgt Ion:244 Resp: 1138648

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

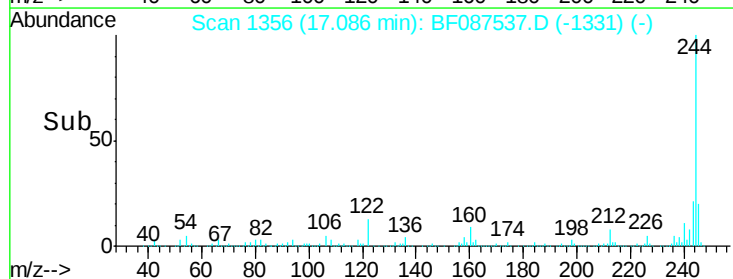
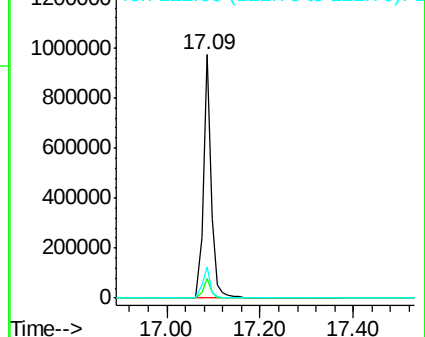
122 13.1 12.0 18.0

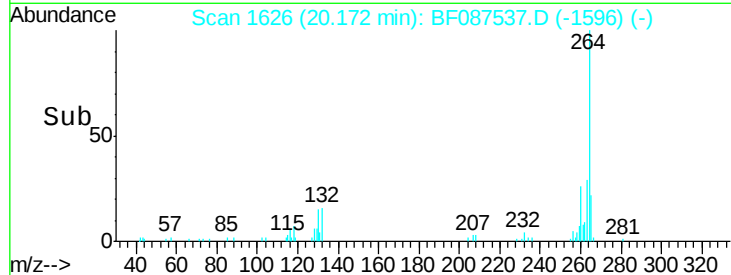
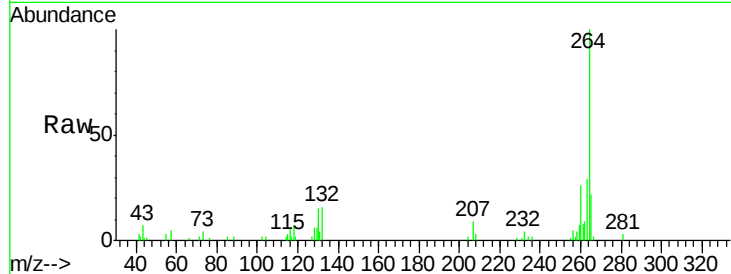
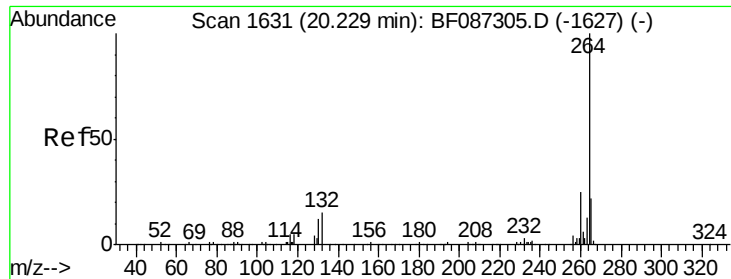


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.17 min Scan# 1626
Delta R.T. 0.05 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)

Tot Ion:	264	Resp:	98070
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.5	29.3
265	21.9	17.3	25.9

