

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087243.D
 Acq On : 21 May 2016 00:21
 Operator : UM/SJ
 Sample : H3142-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Quant Time: May 21 01:00:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

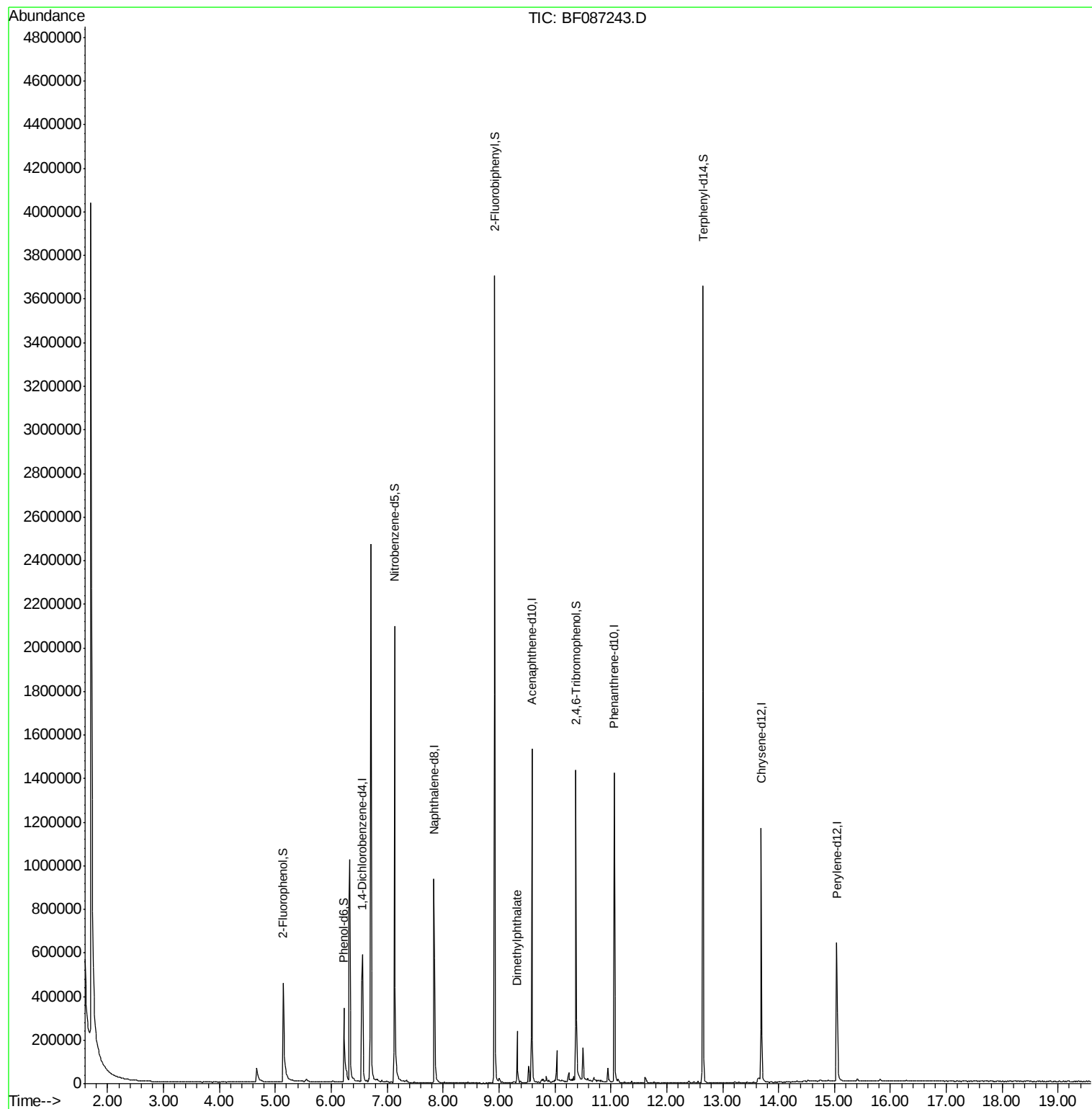
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120630	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	533947	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	273809	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	516185	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	411306	20.00	ng	-0.01
86) Perylene-d12	15.04	264	286572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	200086	27.88	ng	0.01
7) Phenol-d6	6.23	99	181869	18.89	ng	0.00
23) Nitrobenzene-d5	7.13	82	652771	60.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	159228	52.62	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1265473	76.54	ng	0.00
78) Terphenyl-d14	12.65	244	1219403	67.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	91220	4.37	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-3

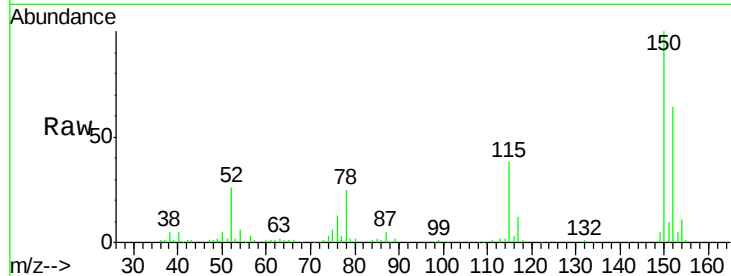
Tot Ion:152 Resp: 120630

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

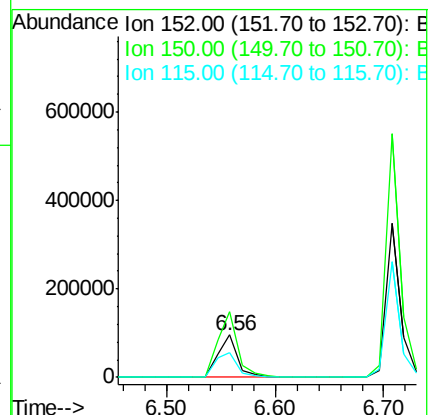
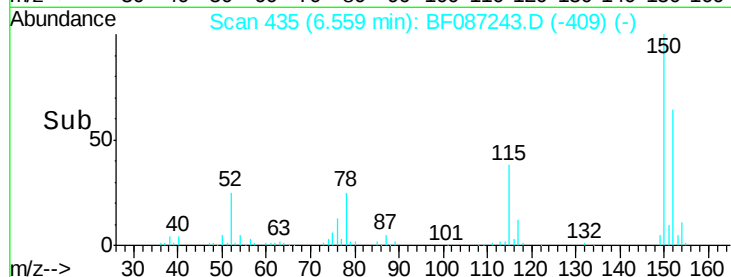
115 59.3 51.5 77.3



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: 27.88 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

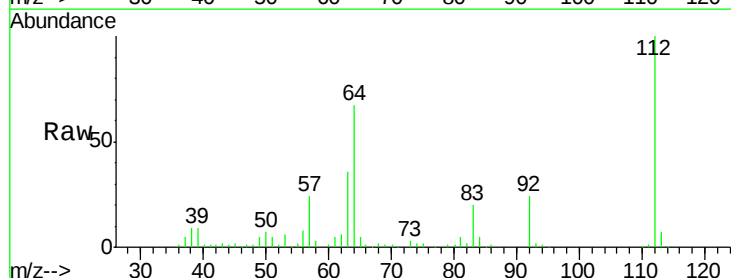
Tgt Ion:112 Resp: 200086

Ion Ratio Lower Upper

112 100

64 67.4 52.1 78.1

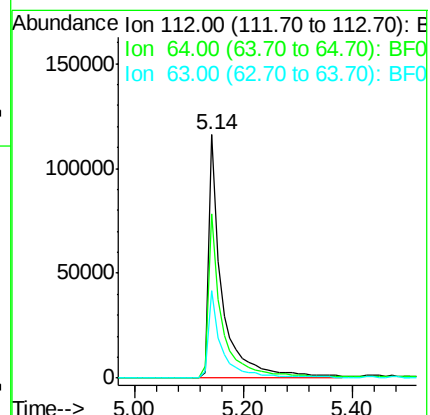
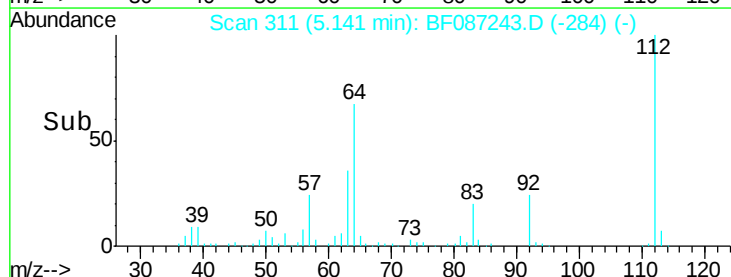
63 36.1 25.7 38.5



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: 18.89 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-3

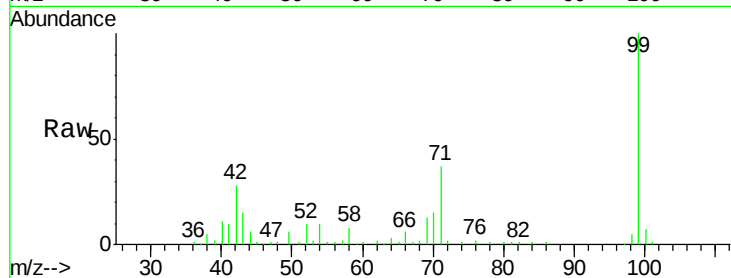
Tot Ion: 99 Resp: 181869

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

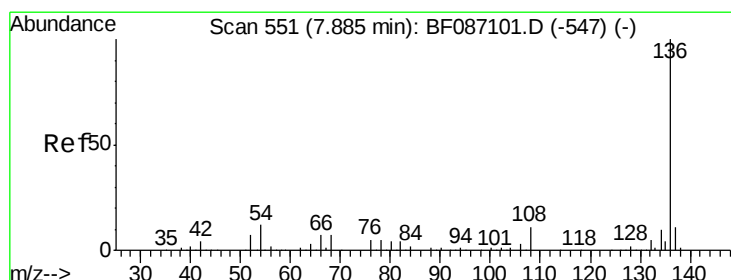
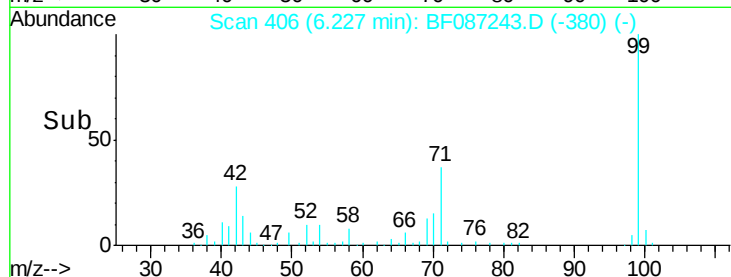
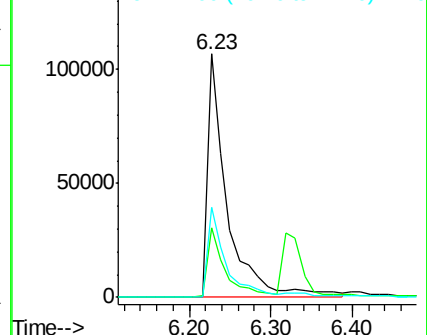
71 37.1 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

Tgt Ion: 136 Resp: 533947

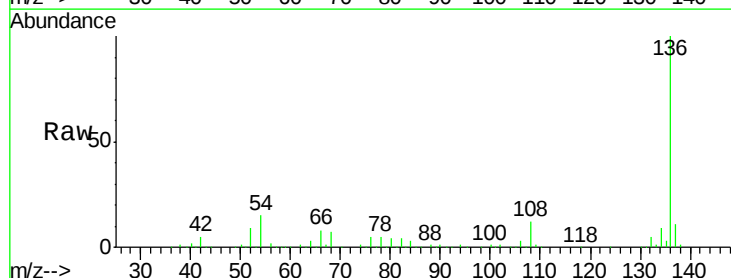
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 15.0 5.0 7.4#

68 7.5 4.4 6.6#

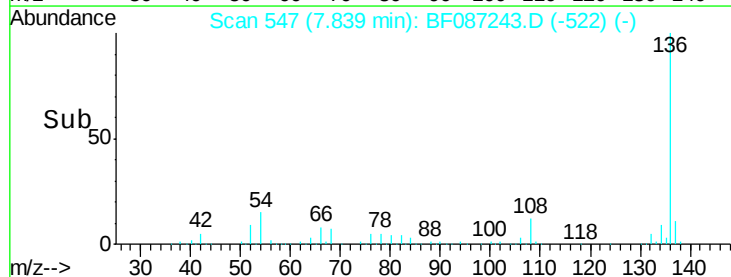
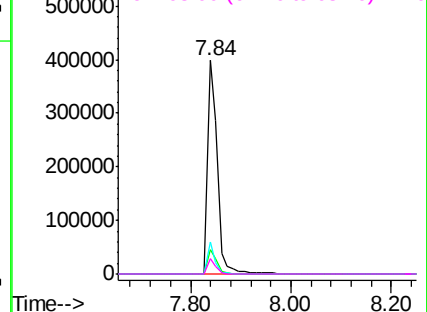


Abundance Ion 136.00 (135.70 to 136.70): E

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

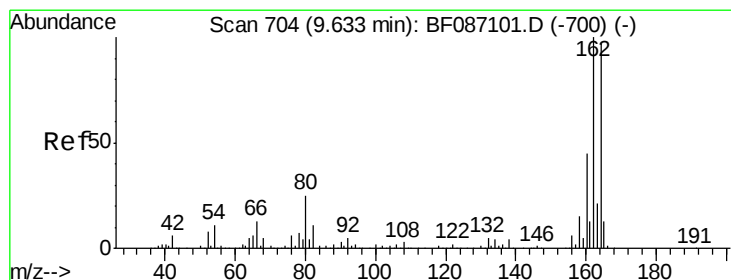
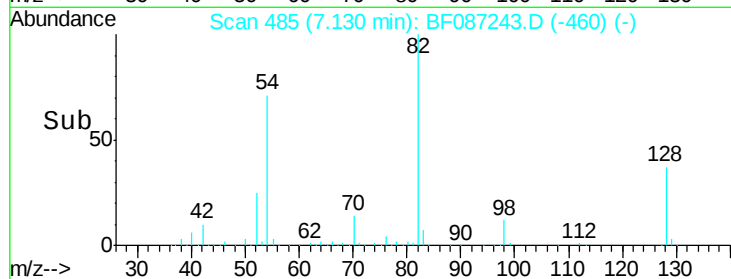
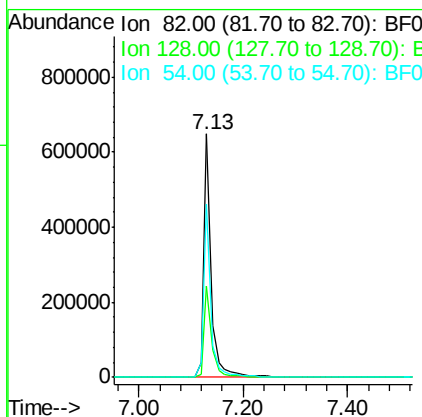
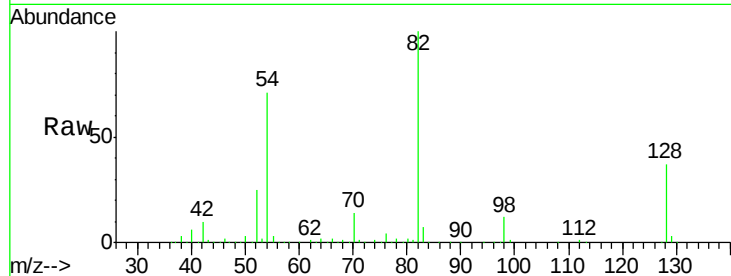




#23
 Nitrobenzene-d5
 Concen: 60.93 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087243.D
 Acq: 21 May 2016 00:21

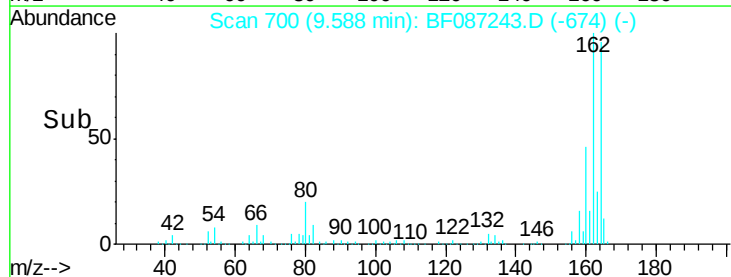
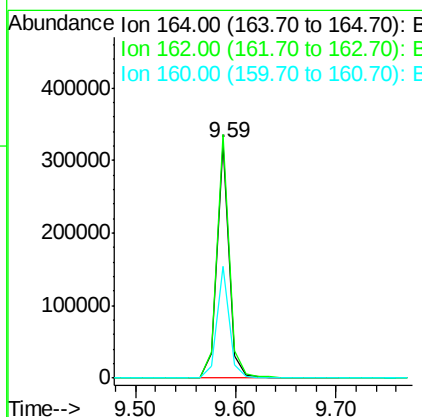
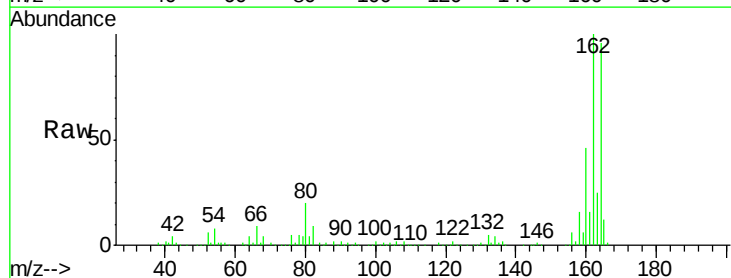
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Tot Ion	82	Resp	652771
Ion Ratio	Lower	Upper	
82	100		
128	37.3	40.6	61.0#
54	71.2	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087243.D
 Acq: 21 May 2016 00:21

Tgt Ion	164	Resp	273809
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.8	124.2
160	47.5	36.9	55.3

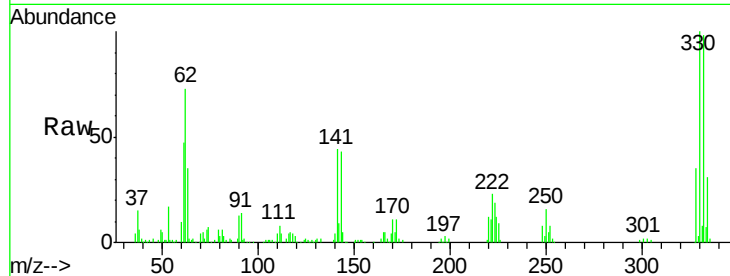




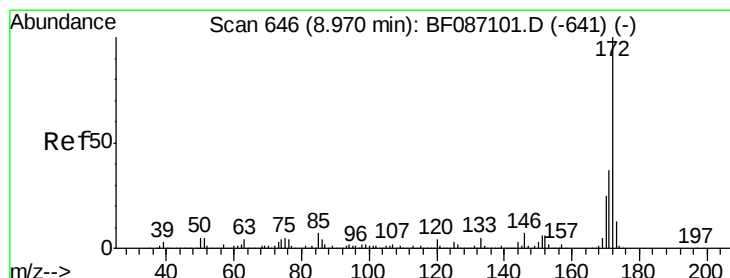
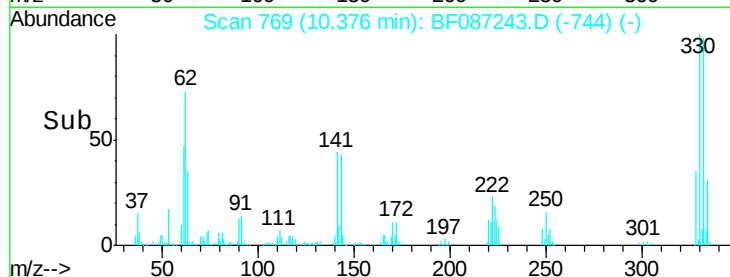
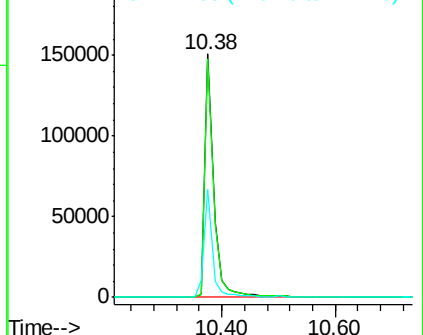
#41
 2,4,6-Tribromophenol
 Concen: 52.62 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087243.D
 Acq: 21 May 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	42.4	31.2	46.8

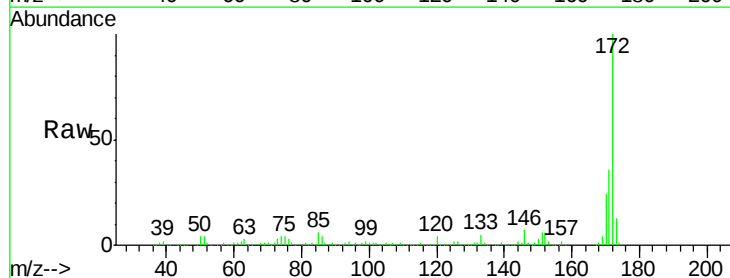


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

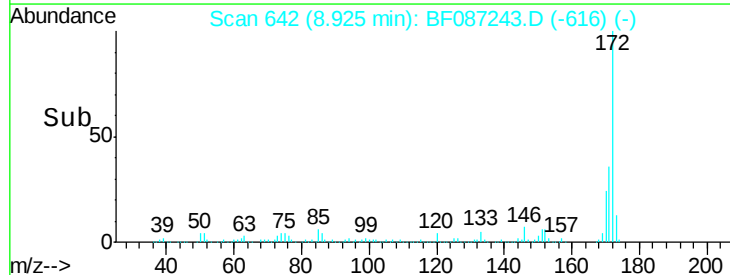
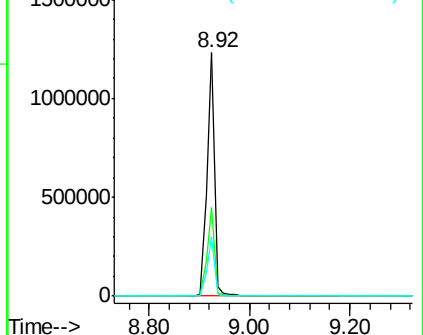


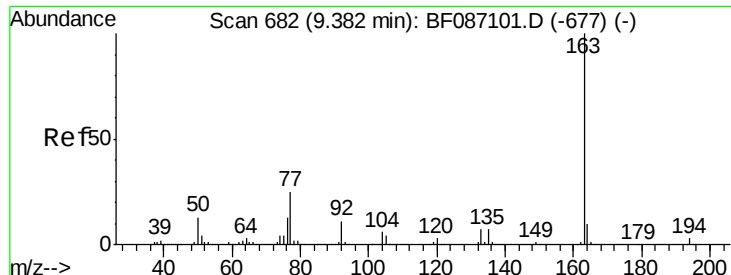
#44
 2-Fluorobiphenyl
 Concen: 76.54 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087243.D
 Acq: 21 May 2016 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

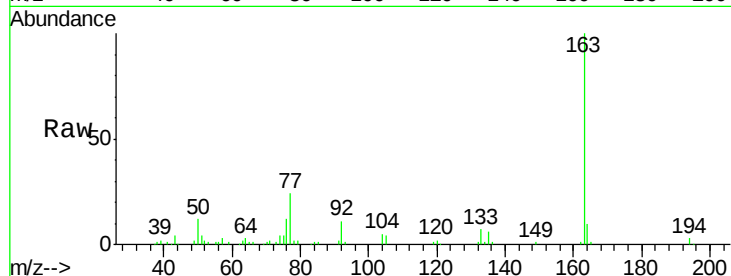




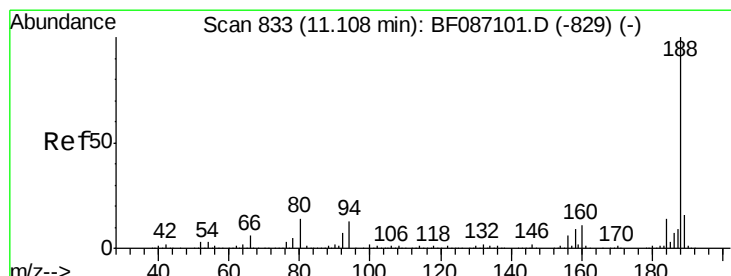
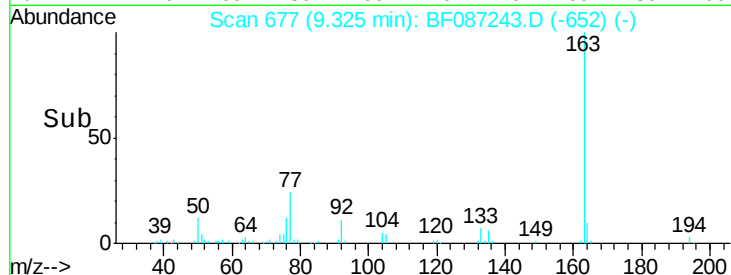
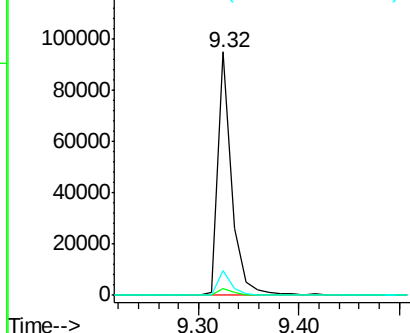
#49
Dimethylphthalate
Concen: 4.37 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087243.D
Acq: 21 May 2016 00:21

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-3

Tot Ion:163 Resp: 91220
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.2 12.4

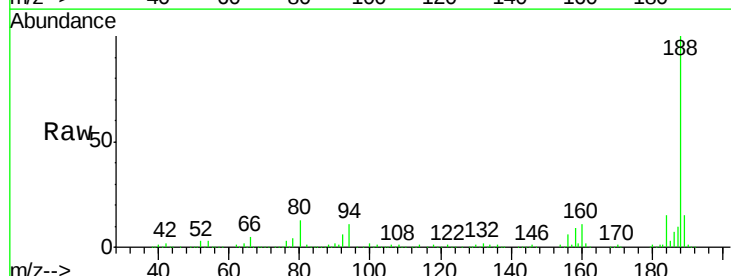


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

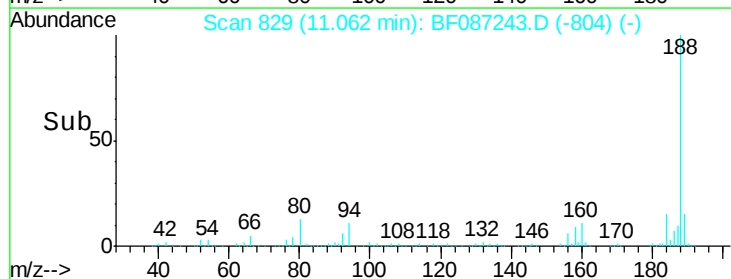
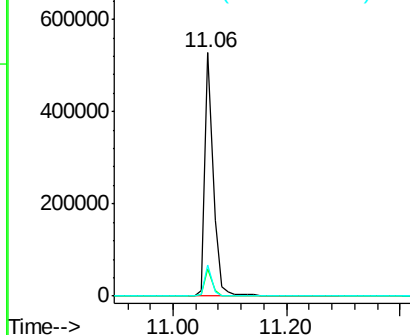


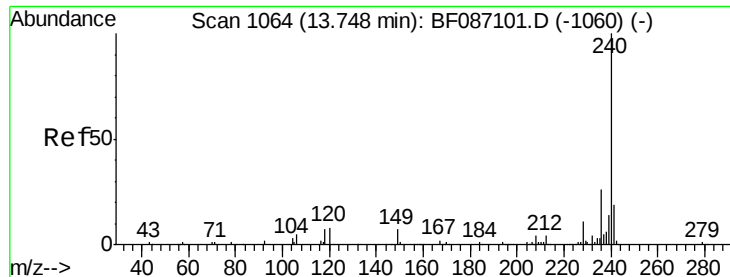
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087243.D
Acq: 21 May 2016 00:21

Tgt Ion:188 Resp: 516185
Ion Ratio Lower Upper
188 100
94 11.0 6.8 10.2#
80 12.5 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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-3

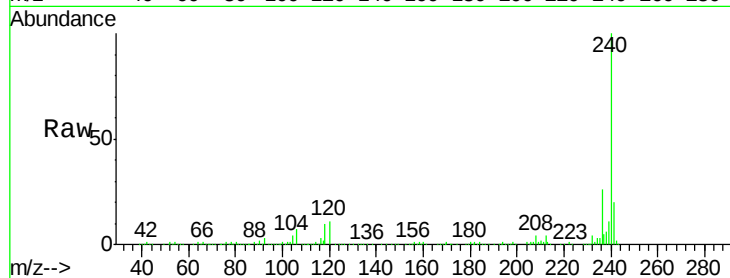
Tot Ion:240 Resp: 411306

Ion Ratio Lower Upper

240 100

120 10.6 11.2 16.8#

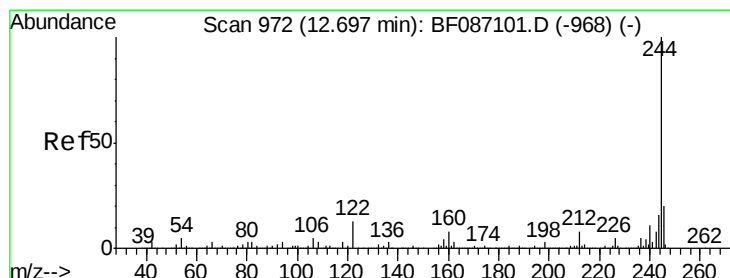
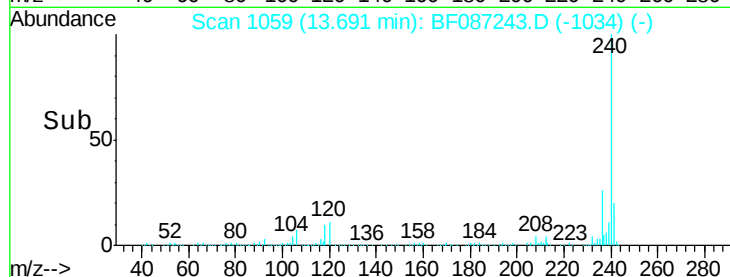
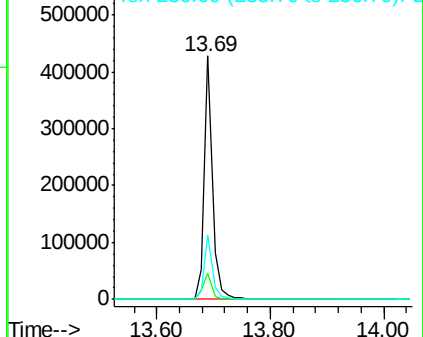
236 26.3 21.2 31.8



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: 67.06 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087243.D

Acq: 21 May 2016 00:21

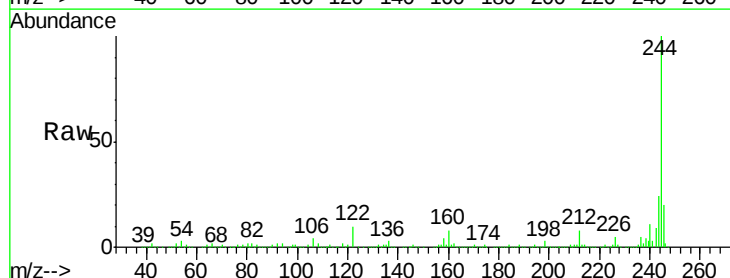
Tgt Ion:244 Resp: 1219403

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

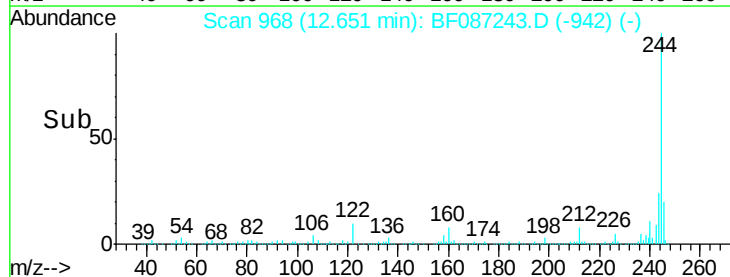
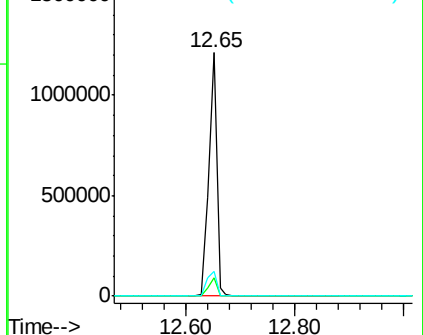
122 10.2 12.0 18.0#

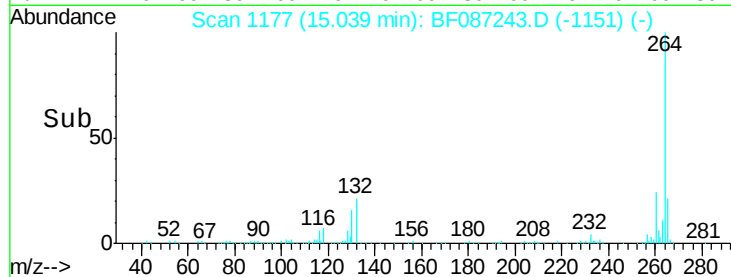
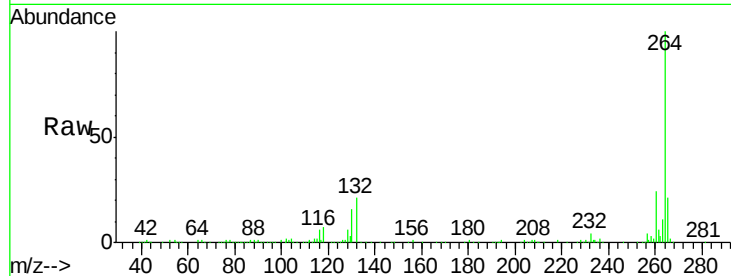
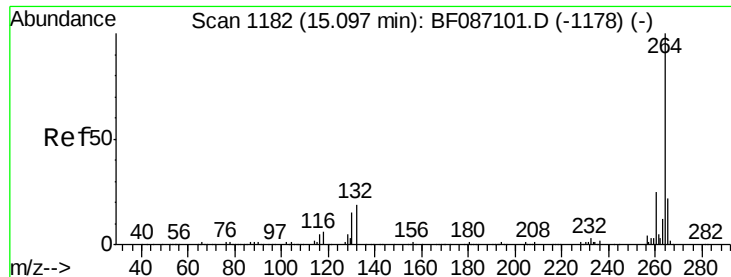


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087243.D
 Acq: 21 May 2016 00:21

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Tot Ion:	264	Resp:	286572
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.3	25.9

