

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088211.D
 Acq On : 21 Jun 2016 10:54
 Operator : UM/SJ
 Sample : H3501-02DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 11:51:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	80469	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	318523	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	119017	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	176779	20.00	ng	0.00
75) Chrysene-d12	13.83	240	99425	20.00	ng	0.02
86) Perylene-d12	15.23	264	105626	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	296623	63.02	ng	0.00
7) Phenol-d6	6.32	99	359612	63.04	ng	-0.01
23) Nitrobenzene-d5	7.23	82	210082	38.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	54814	43.62	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	368956	46.17	ng	-0.01
78) Terphenyl-d14	12.78	244	194307	44.47	ng	0.01
Target Compounds						
10) Phenol	6.33	94	8628	Below Cal	#	14
45) 1,1'-Biphenyl	9.13	154	373	Below Cal	#	43
49) Dimethylphthalate	9.43	163	42799	4.96	ng	100
57) Fluorene	10.25	166	1327	Below Cal	#	35
73) Di-n-butylphthalate	11.75	149	31797	2.87	ng	83
77) Pyrene	12.63	202	15659	2.12	ng	55
79) Butylbenzylphthalate	13.26	149	54572	16.73	ng	89
83) Bis(2-ethylhexyl)phthalate	13.82	149	237702	59.86	ng	99

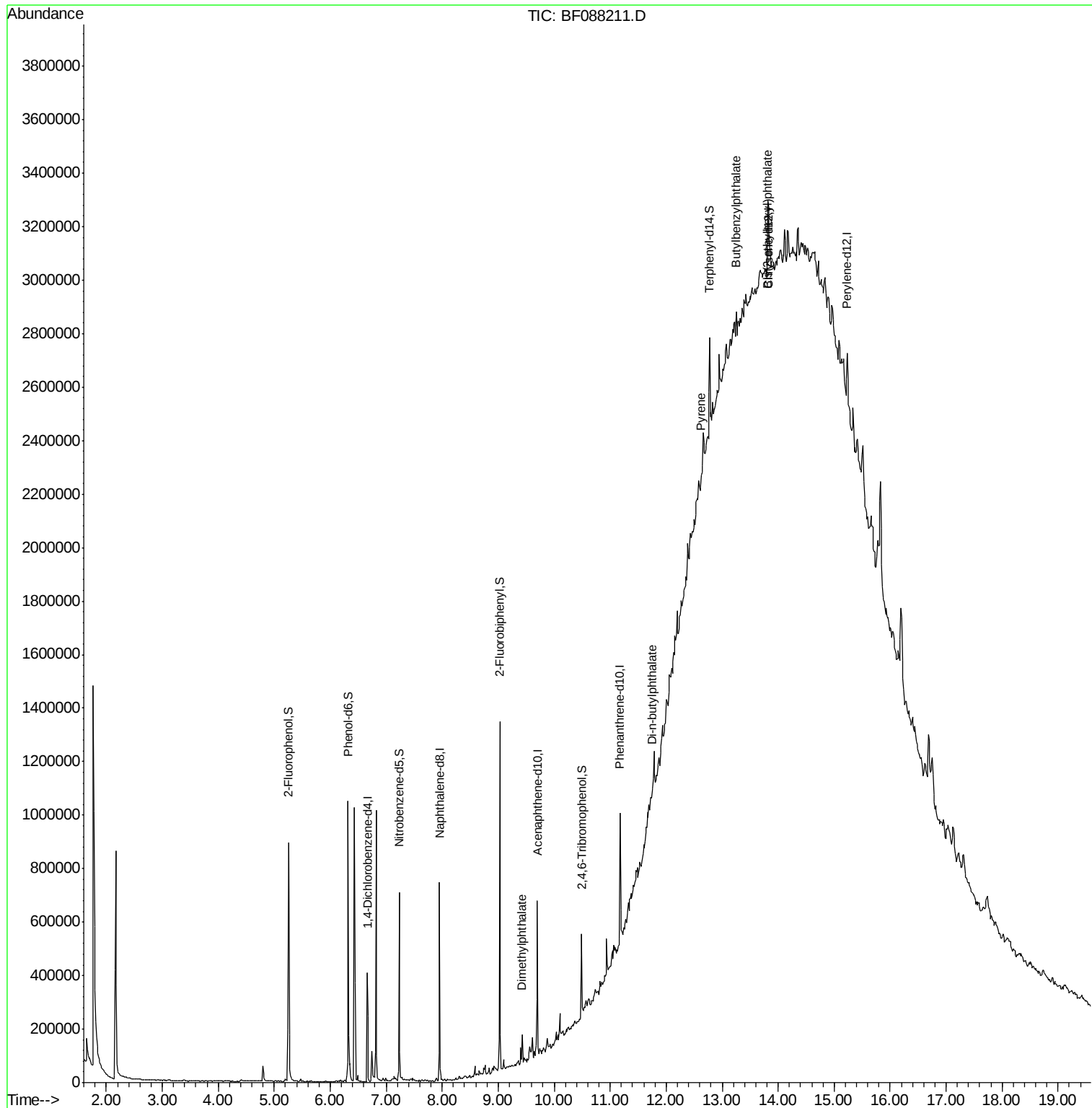
(#) = qualifier out of range (m) = manual integration (+) = signals summed

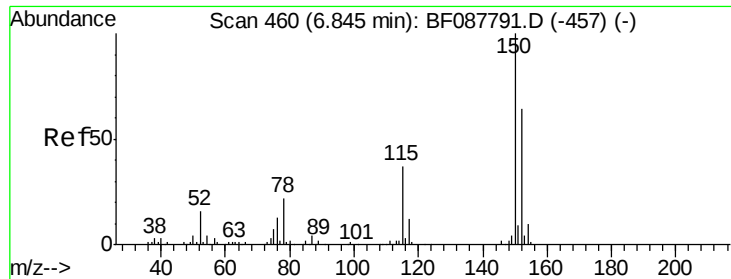
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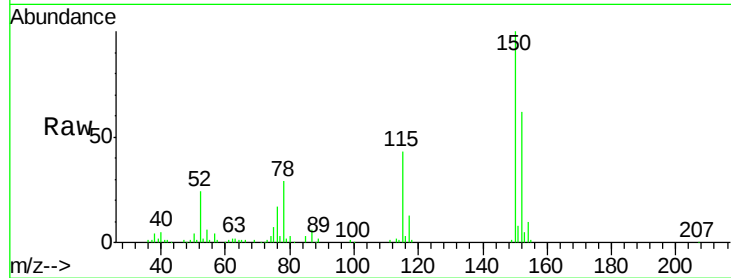


#1

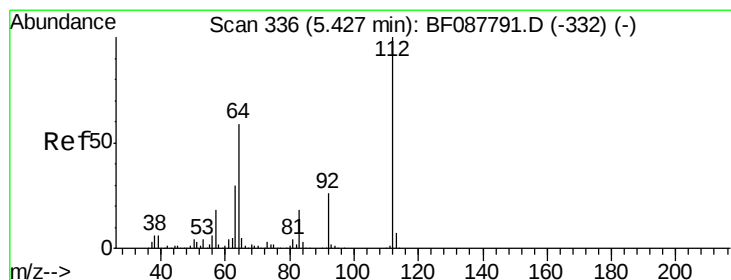
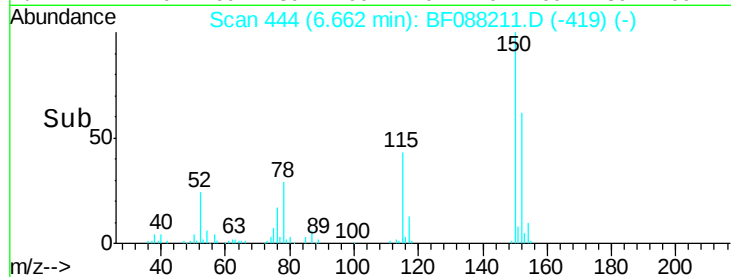
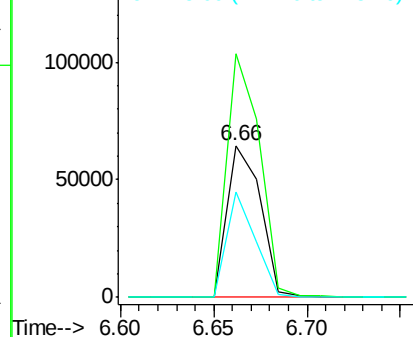
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088211.D
Acq: 21 Jun 2016 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80469
Ion Ratio Lower Upper
152 100
150 160.7 123.8 185.6
115 69.3 39.6 59.4#



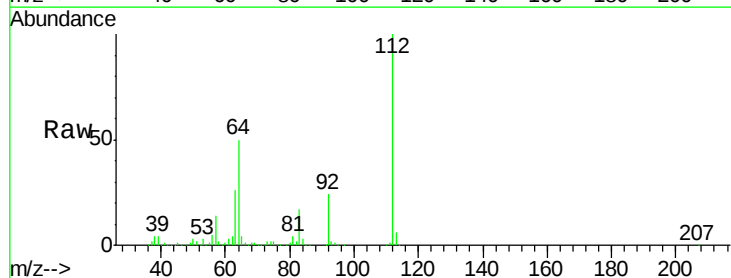
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



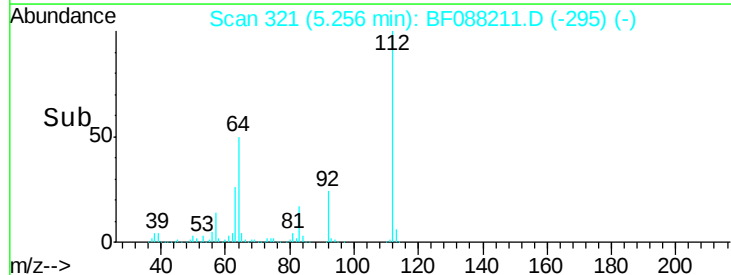
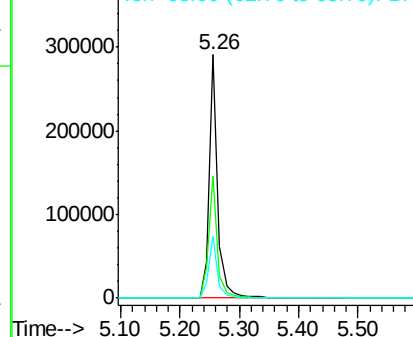
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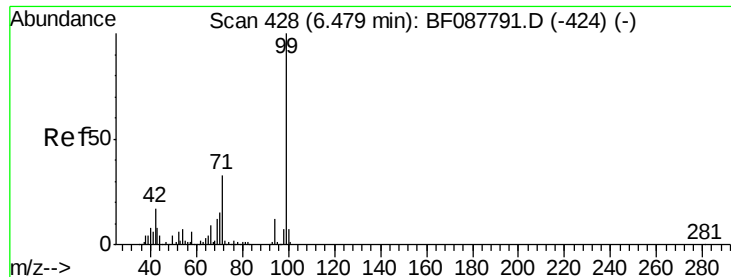
2-Fluorophenol
Concen: 63.02 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088211.D
Acq: 21 Jun 2016 10:54

Tgt Ion:112 Resp: 296623
Ion Ratio Lower Upper
112 100
64 50.1 42.2 63.2
63 25.5 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: 63.04 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

Instrument :

BNA_F

ClientSampled :

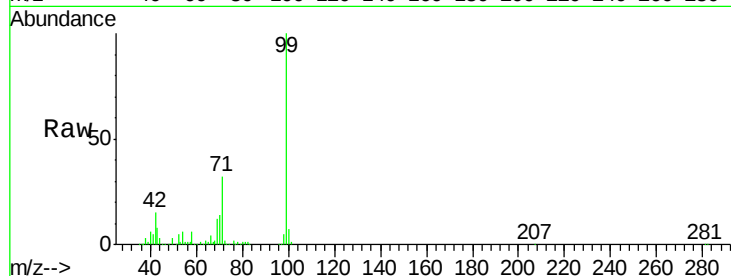
Tot Ion: 99 Resp: 359612

Ion Ratio Lower Upper

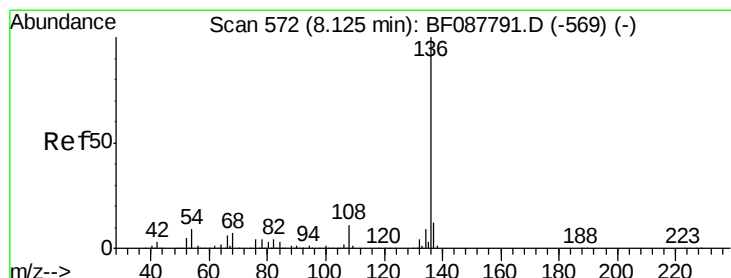
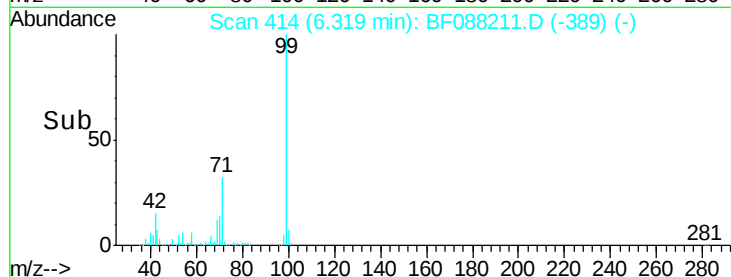
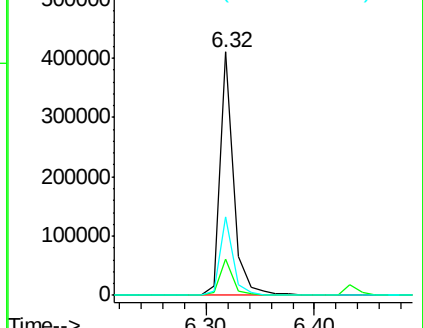
99 100

42 14.8 12.2 18.2

71 32.1 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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

Tgt Ion: 136 Resp: 318523

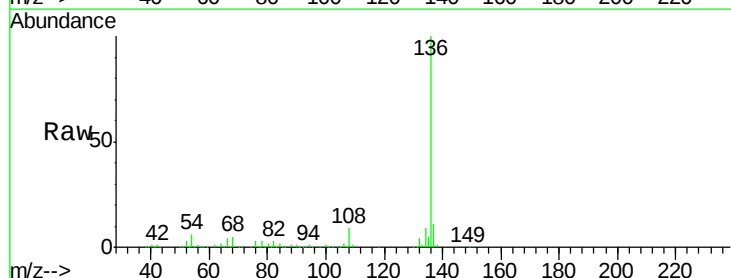
Ion Ratio Lower Upper

136 100

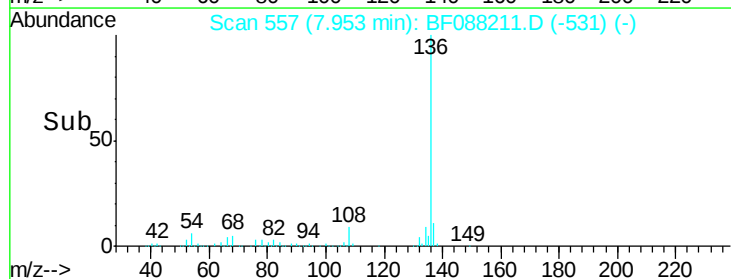
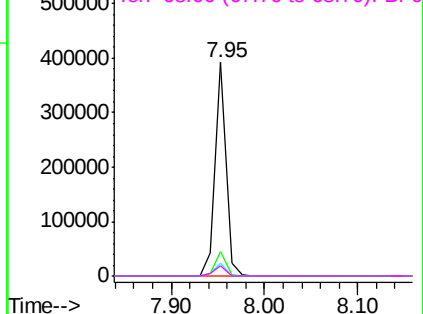
137 11.1 9.1 13.7

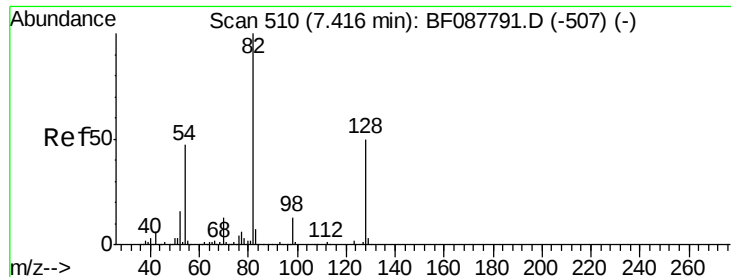
54 6.1 6.6 10.0#

68 5.1 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

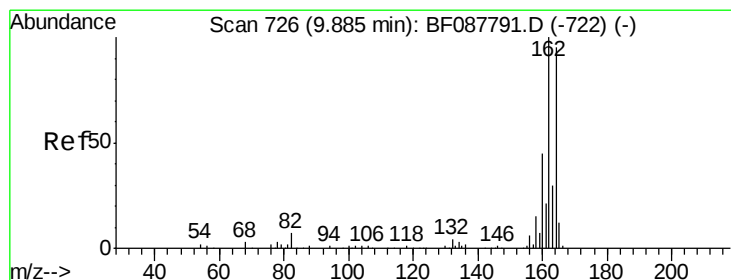
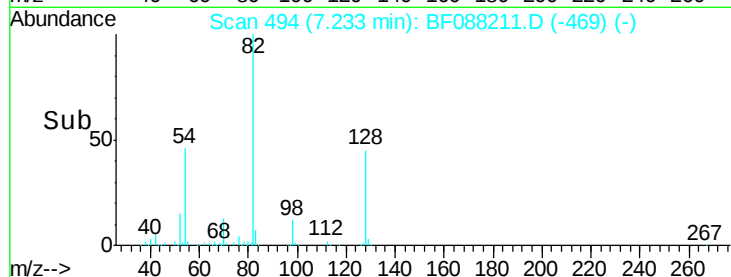
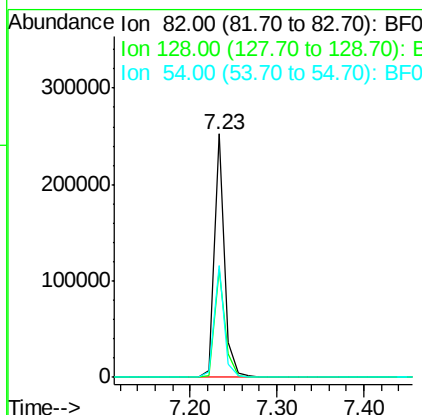
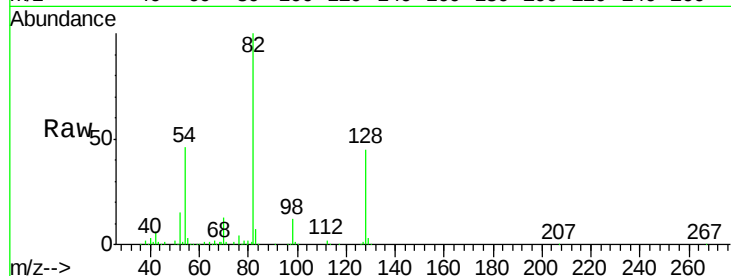




#23
 Nitrobenzene-d5
 Concen: 38.51 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

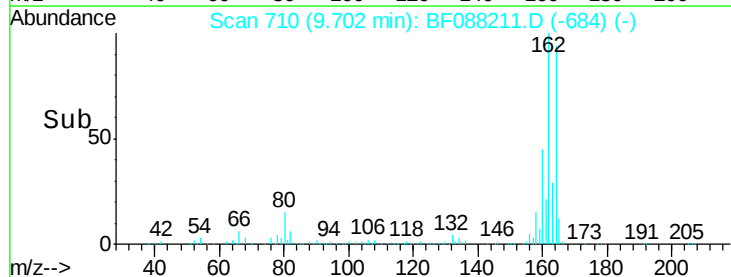
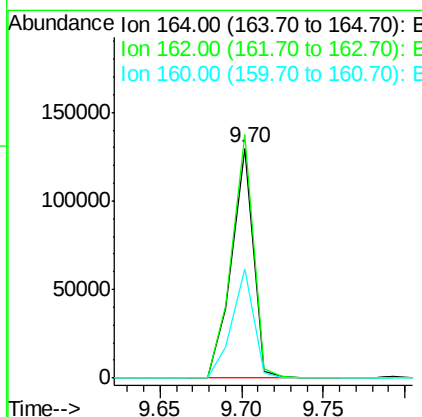
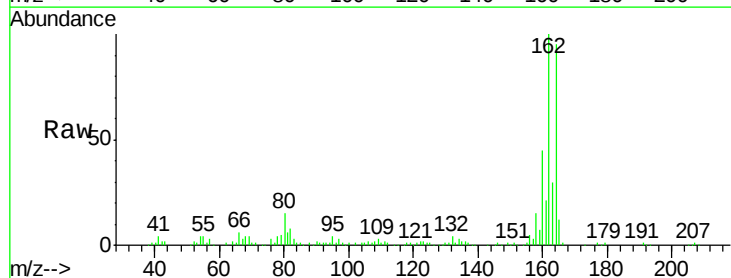
Instrument :
 BNA_F
 ClientSampleId :

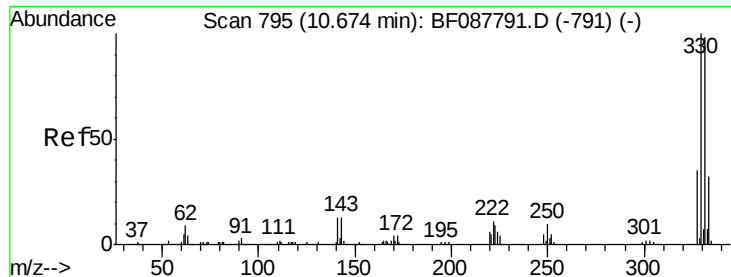
Tot Ion	82	Resp	210082
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.9	53.9
54	45.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Tgt Ion	164	Resp	119017
Ion Ratio	Lower	Upper	
164	100		
162	105.8	85.4	128.2
160	47.7	39.5	59.3

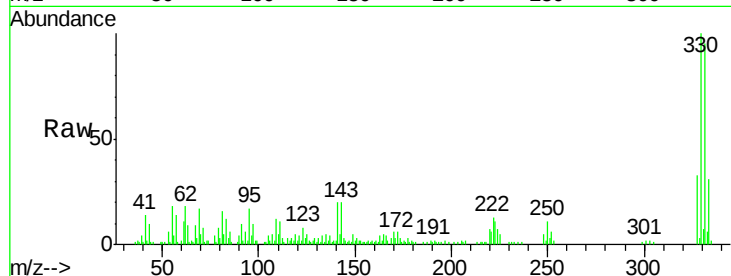




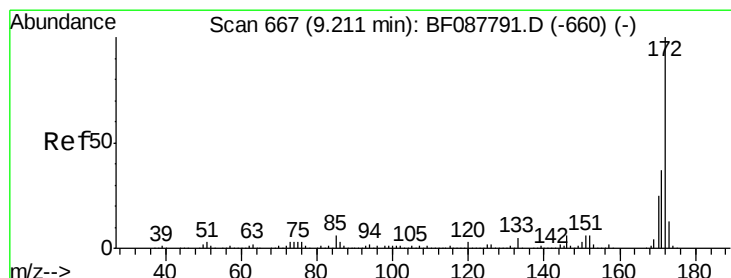
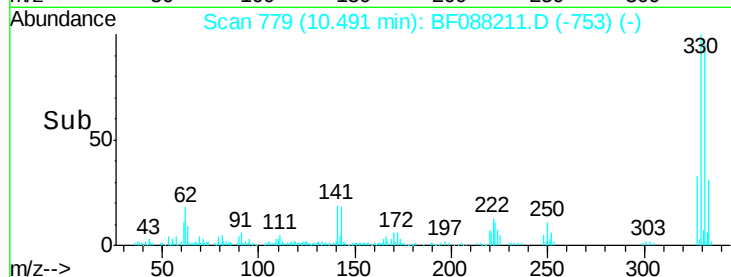
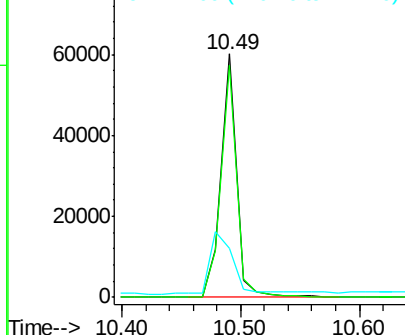
#41
 2,4,6-Tribromophenol
 Concen: 43.62 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	37.3	0.0	0.0#

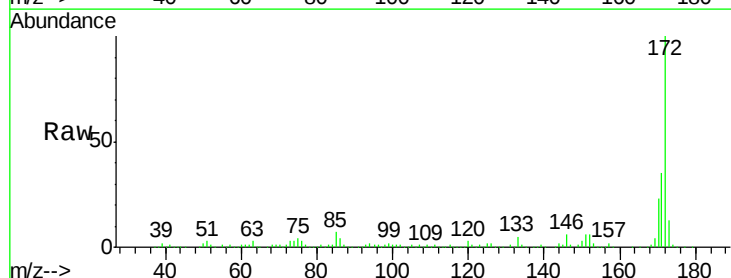


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

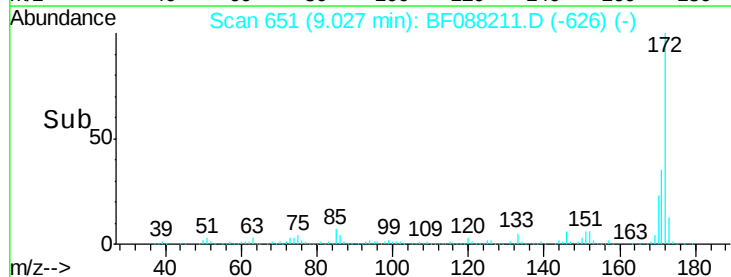
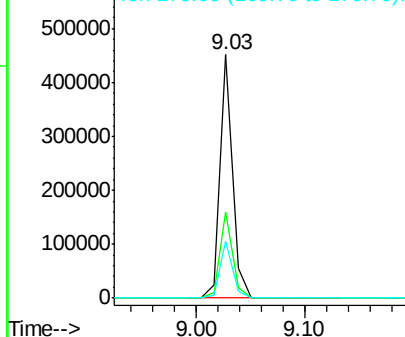


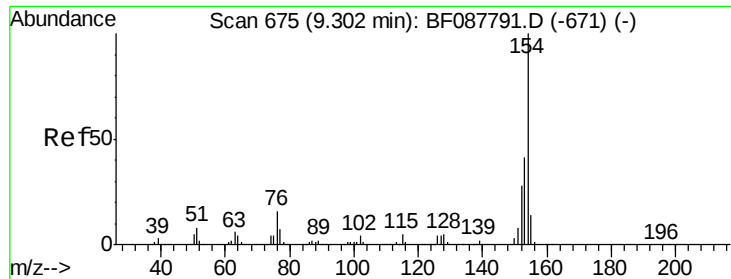
#44
 2-Fluorobiphenyl
 Concen: 46.17 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF088211.D

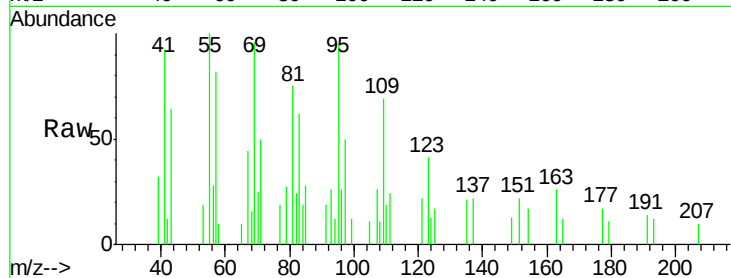
Acq: 21 Jun 2016 10:54

Instrument :

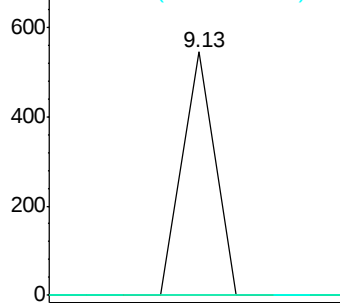
BNA_F

ClientSampleId :

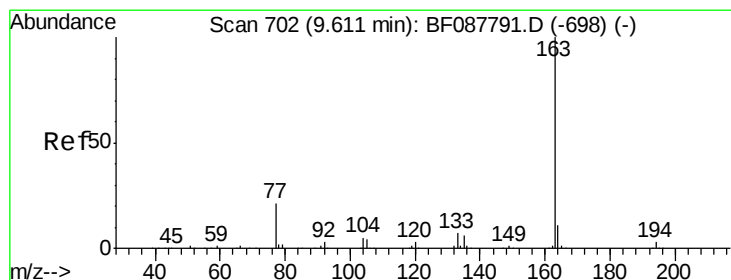
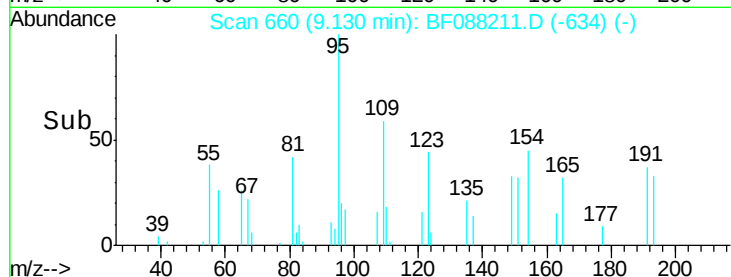
Tot Ion:	154	Resp:	373
Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



Time-->



#49

Dimethylphthalate

Concen: 4.96 ng

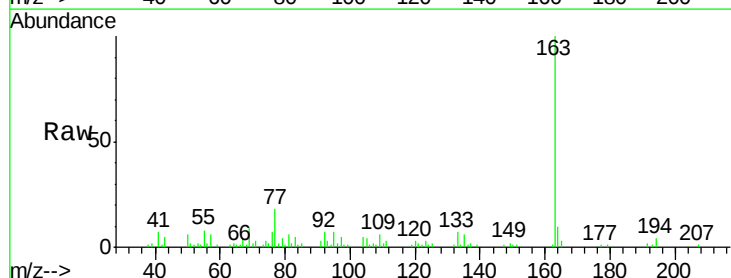
RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

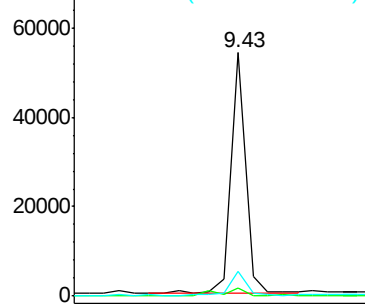
Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

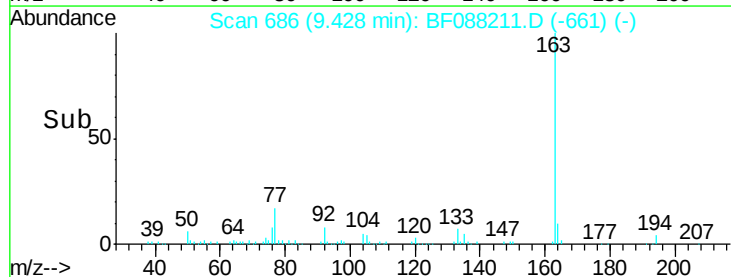
Tgt Ion:	163	Resp:	42799
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.3	8.3	12.5

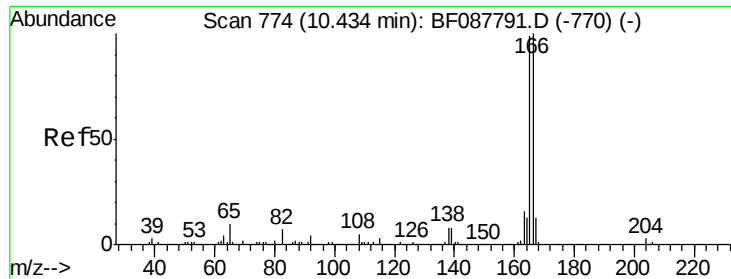


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

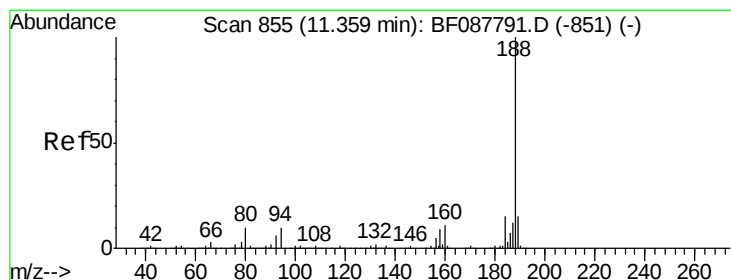
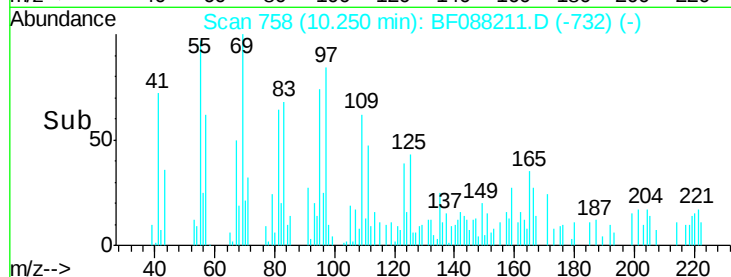
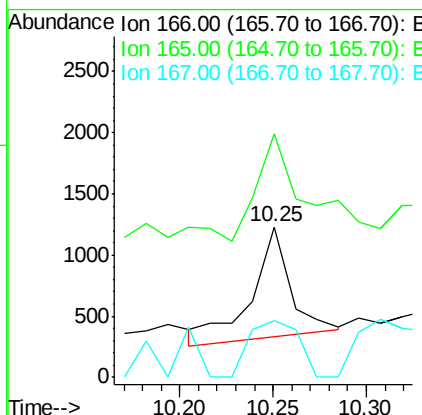
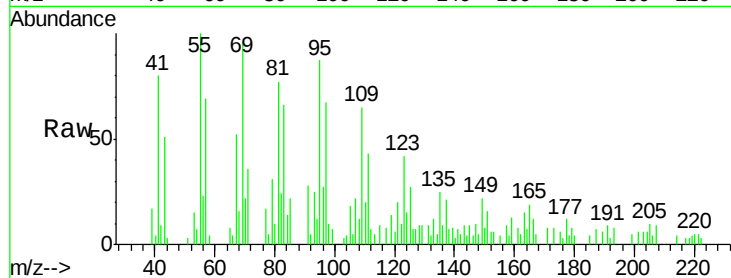




#57
 Fluorene
 Concen: Below Cal
 RT: 10.25 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

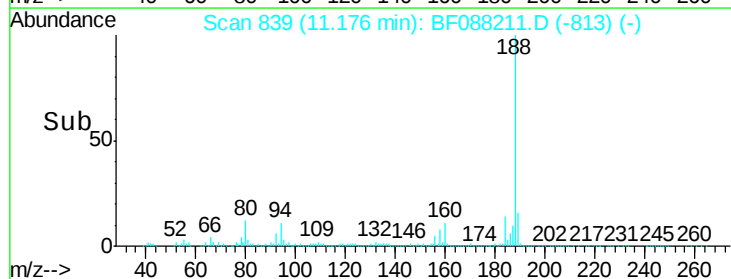
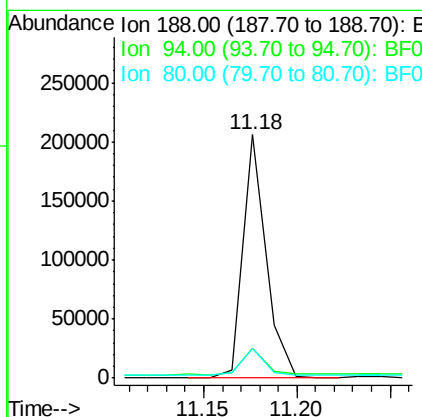
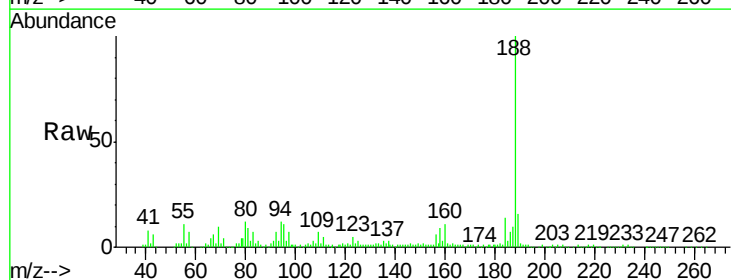
Instrument :
 BNA_F
 ClientSampleId :

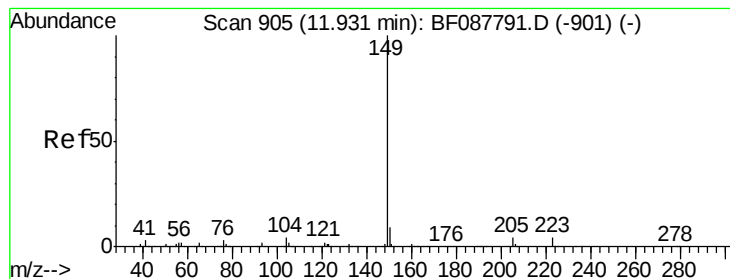
Tot Ion:166 Resp: 1327
 Ion Ratio Lower Upper
 166 100
 165 161.6 77.8 116.8#
 167 38.0 11.2 16.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Tgt Ion:188 Resp: 176779
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.0 13.6
 80 12.4 10.0 15.0





#73

Di-n-butylphthalate

Concen: 2.87 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

Instrument :

BNA_F

ClientSampleId :

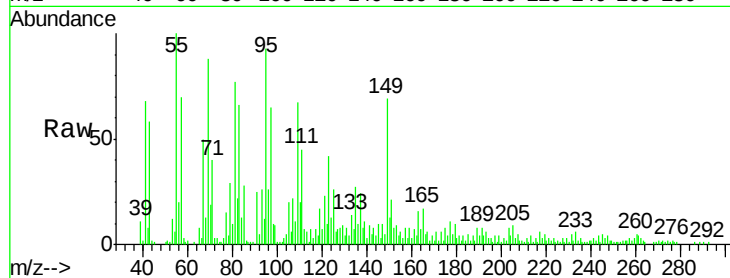
Tot Ion:149 Resp: 31797

Ion Ratio Lower Upper

149 100

150 18.3 7.8 11.6#

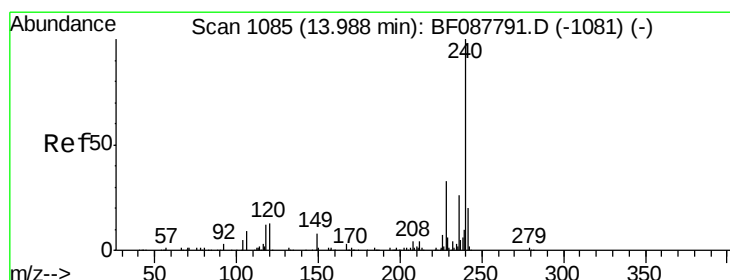
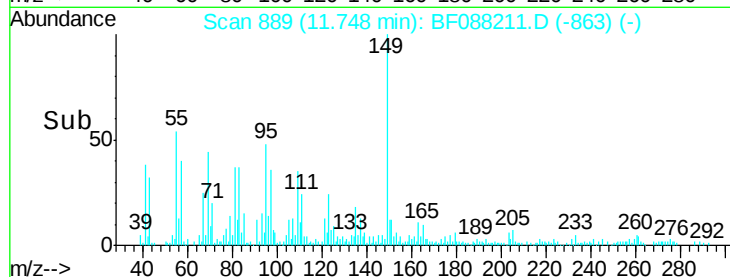
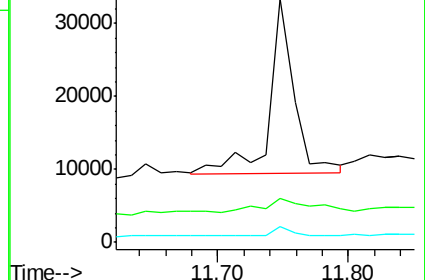
104 6.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.02 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

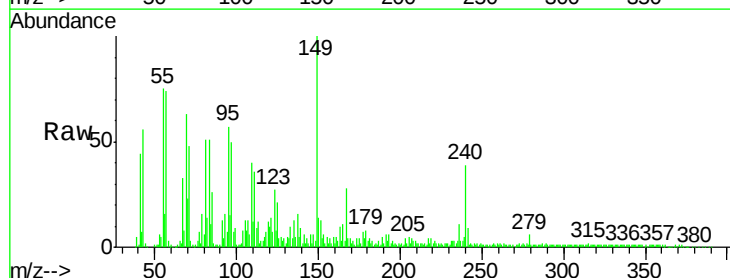
Tgt Ion:240 Resp: 99425

Ion Ratio Lower Upper

240 100

120 26.4 6.8 10.2#

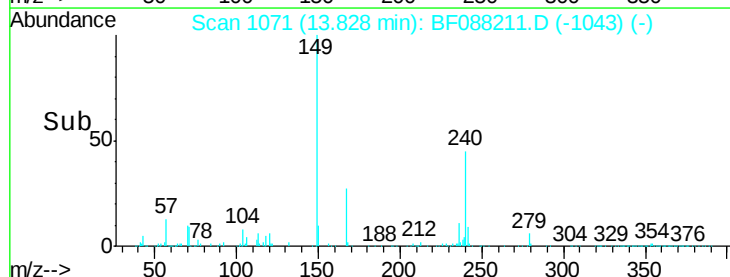
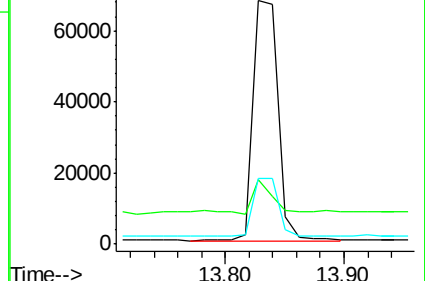
236 27.0 20.2 30.2

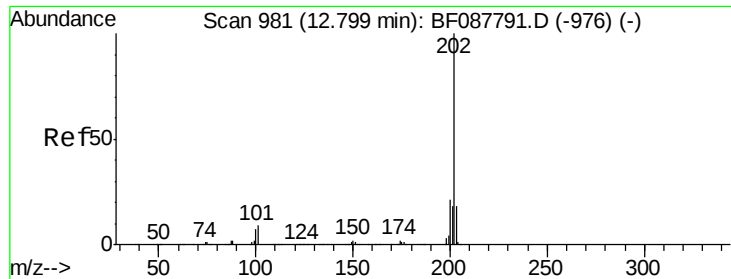


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.12 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

Instrument :

BNA_F

ClientSampled :

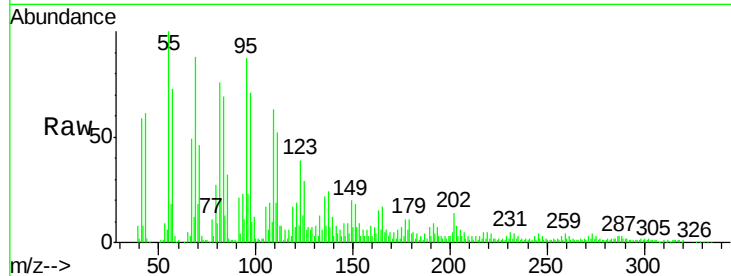
Tot Ion:202 Resp: 15659

Ion Ratio Lower Upper

202 100

200 25.3 17.4 26.2

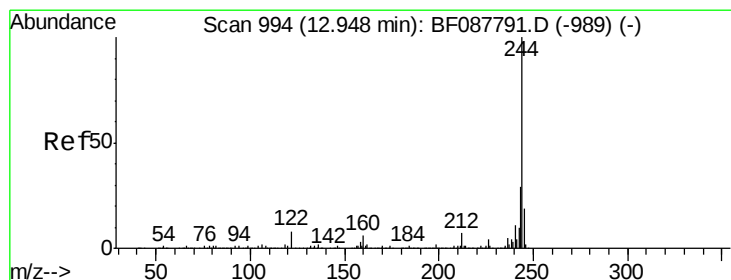
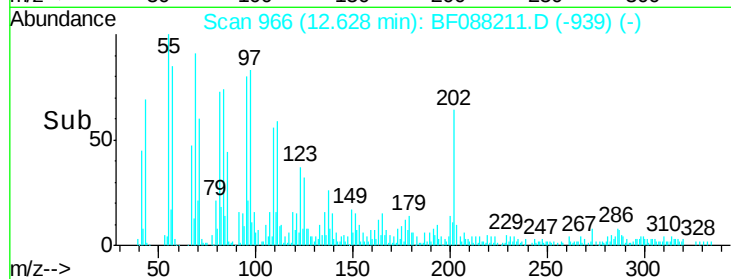
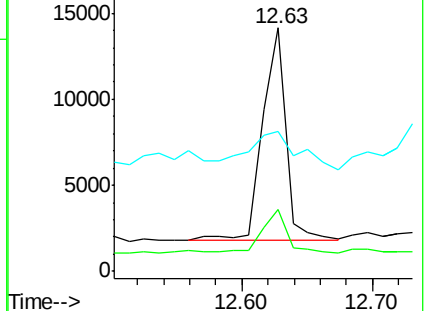
203 57.7 14.5 21.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 44.47 ng

RT: 12.78 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF088211.D

Acq: 21 Jun 2016 10:54

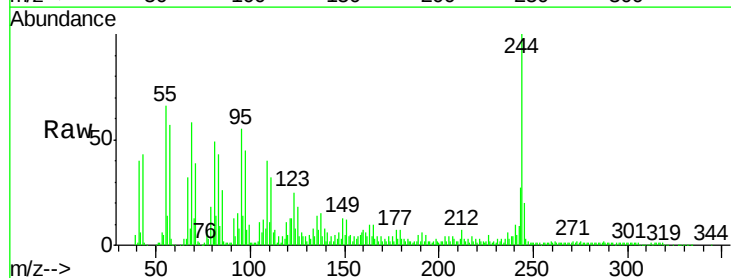
Tgt Ion:244 Resp: 194307

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

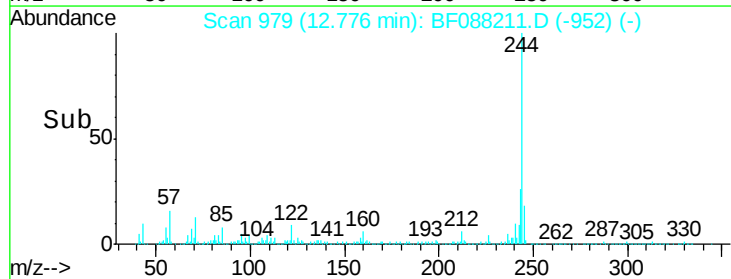
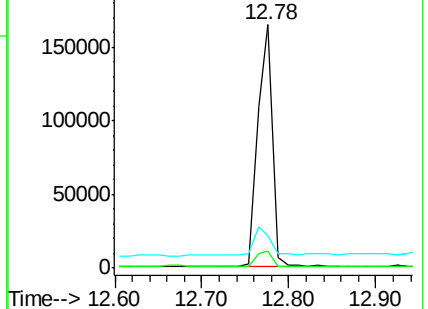
122 13.3 11.2 16.8

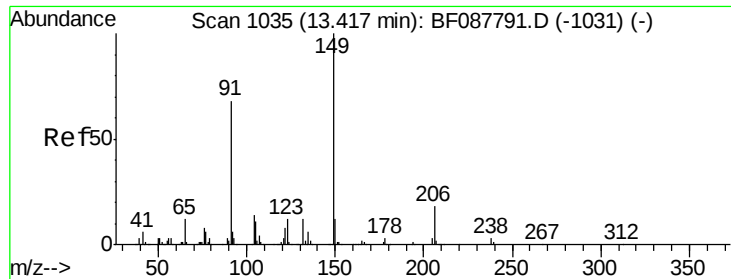


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

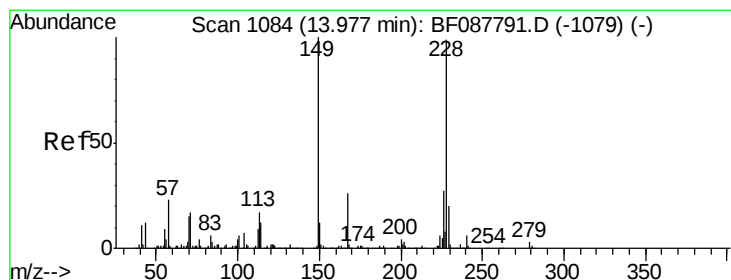
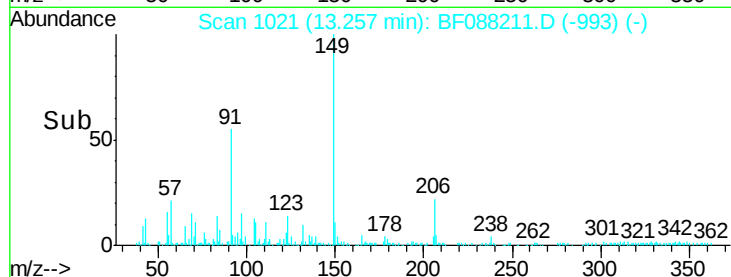
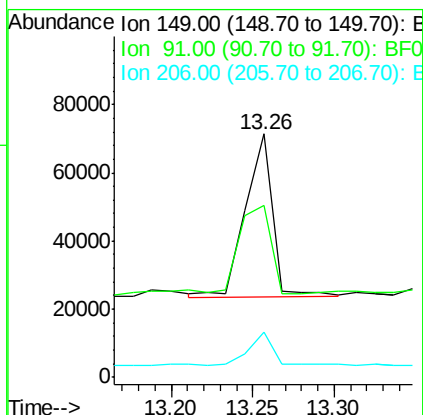
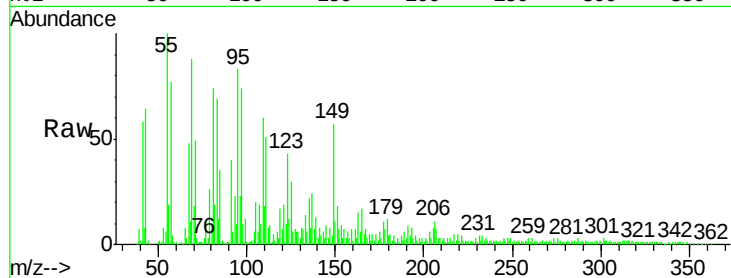




#79
 Butylbenzylphthalate
 Concen: 16.73 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

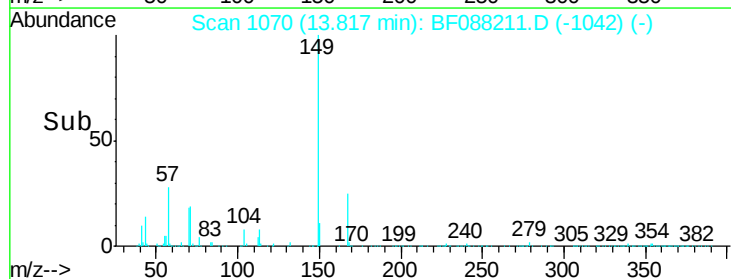
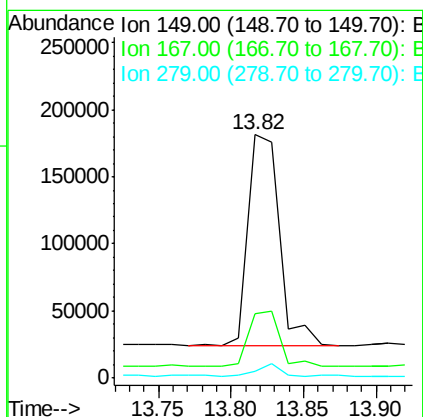
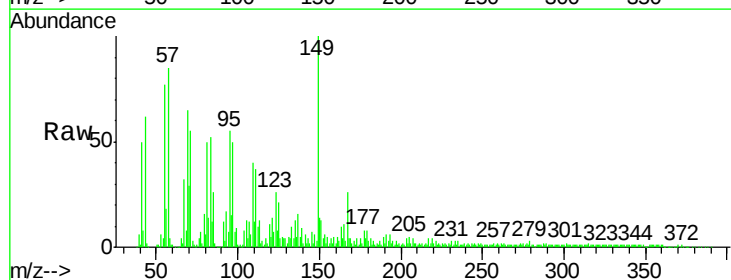
Instrument :
 BNA_F
 ClientSampleID :

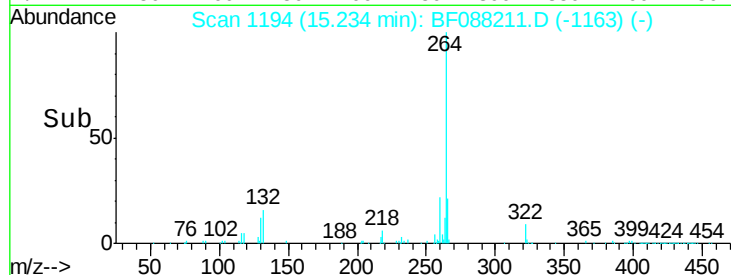
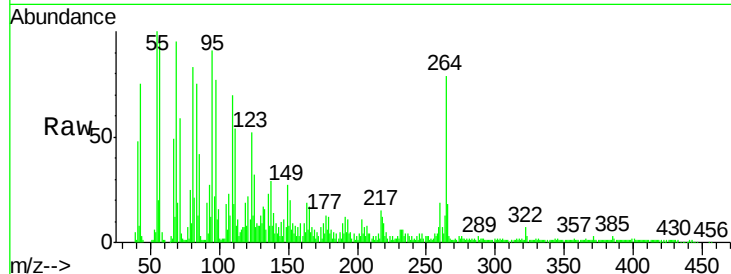
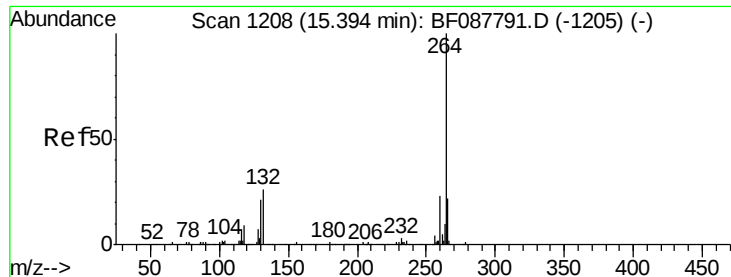
Tot Ion:149 Resp: 54572
 Ion Ratio Lower Upper
 149 100
 91 70.5 48.0 72.0
 206 18.7 16.0 24.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.86 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. 0.02 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Tgt Ion:149 Resp: 237702
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.5 30.7
 279 3.0 2.0 3.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. 0.06 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.4	16.9	25.3

