

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 :
 SS2-0-6DL

Quant Time: Jun 21 13:08:51 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

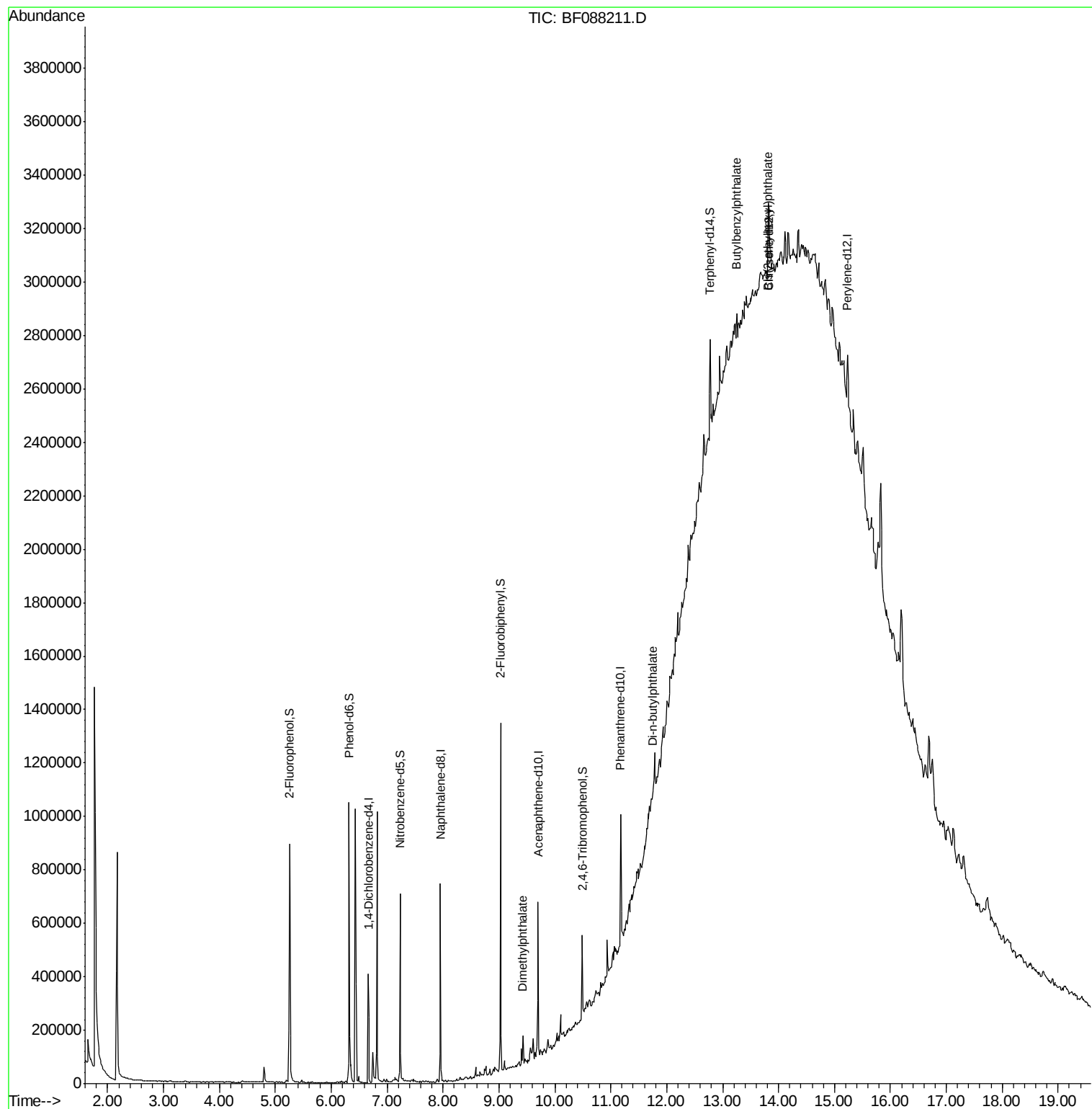
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	80469	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	318523	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	119017	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	176779	20.00	ng	0.00
75) Chrysene-d12	13.83	240	99425	20.00	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						
49) Dimethylphthalate	9.43	163	42799	4.96	ng	Qvalue 100
73) Di-n-butylphthalate	11.75	149	31797	2.87	ng	# 83
79) Butylbenzylphthalate	13.26	149	54572	16.73	ng	89
83) Bis(2-ethylhexyl)phthalate	13.82	149	237702	59.86	ng	99

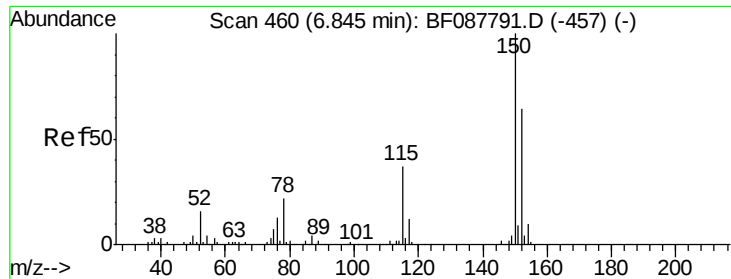
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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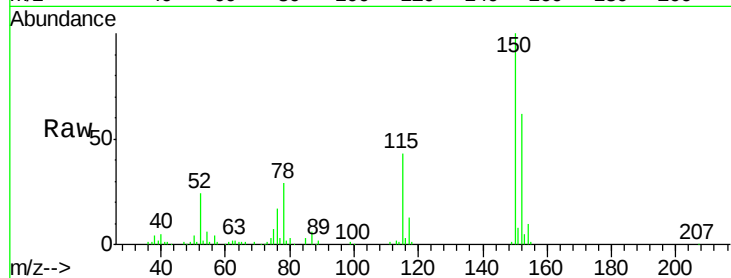


#1

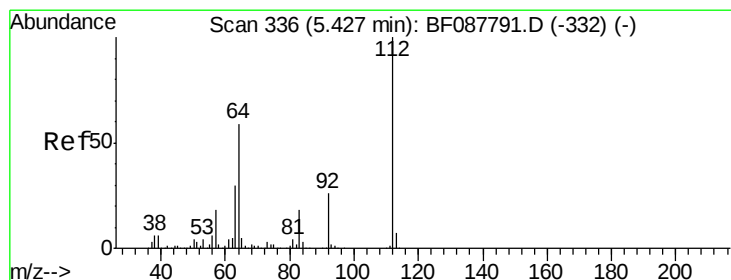
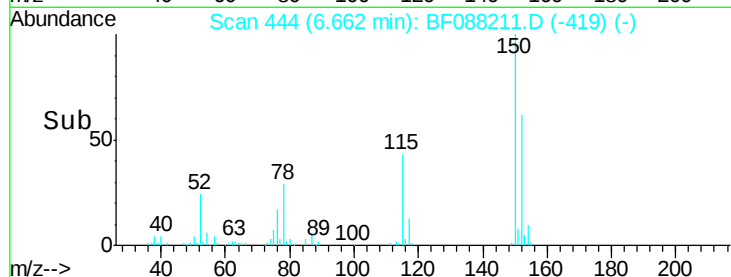
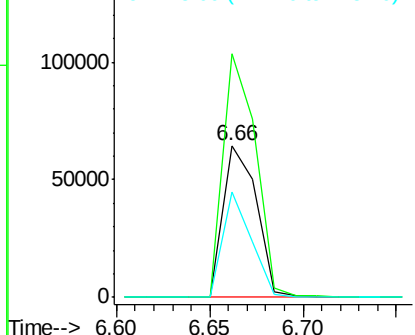
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088211.D
Acq: 21 Jun 2016 10:54

Instrument :
BNA_F
ClientSampleId :
SS2-0-6DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.8	185.6
115	69.3	39.6	59.4



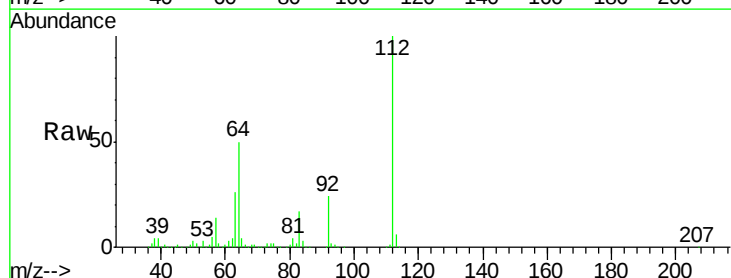
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



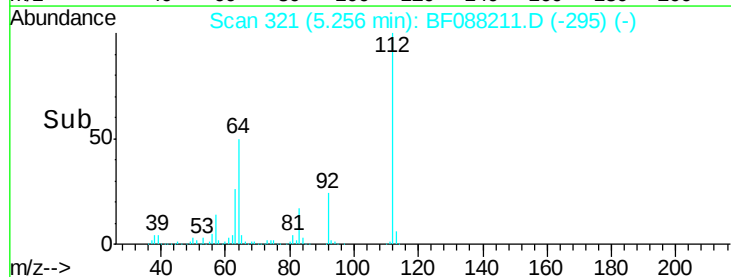
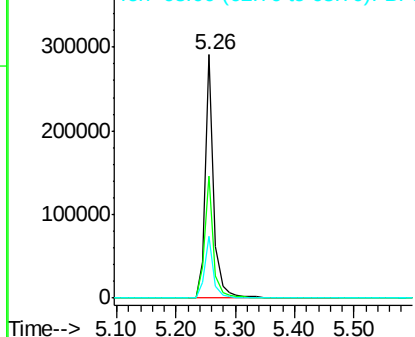
#5

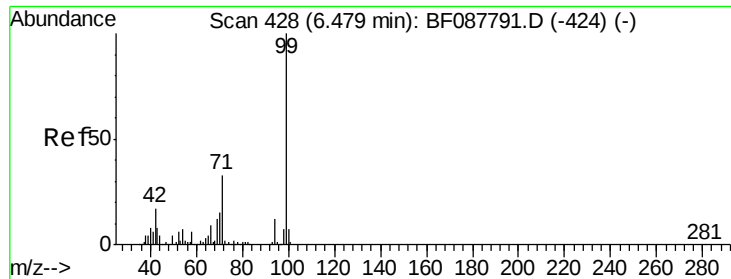
2-Fluorophenol
Concen: 63.02 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088211.D
Acq: 21 Jun 2016 10:54

Tgt Ion	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 :

SS2-0-6DL

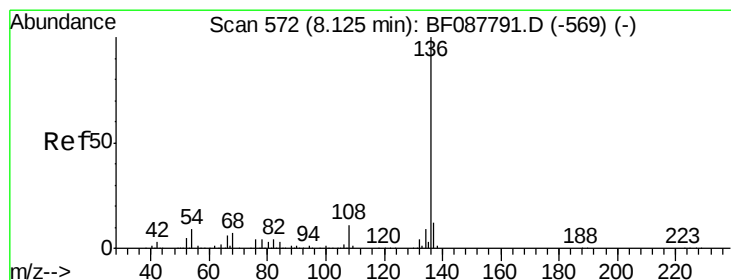
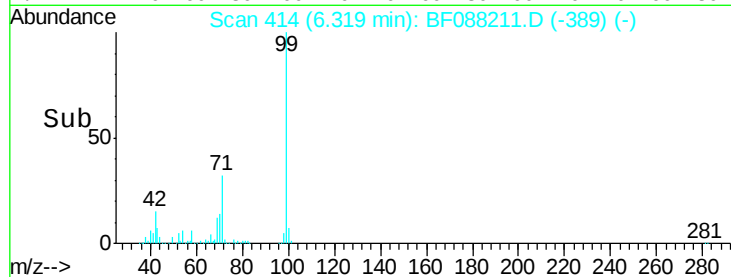
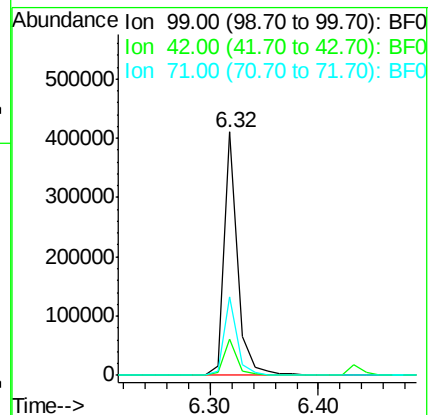
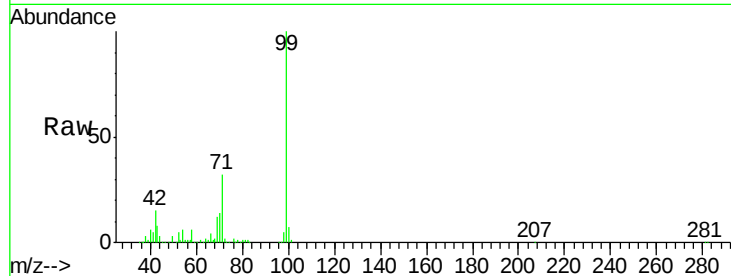
Tot Ion: 99 Resp: 359612

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 32.1 23.4 35.0



#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

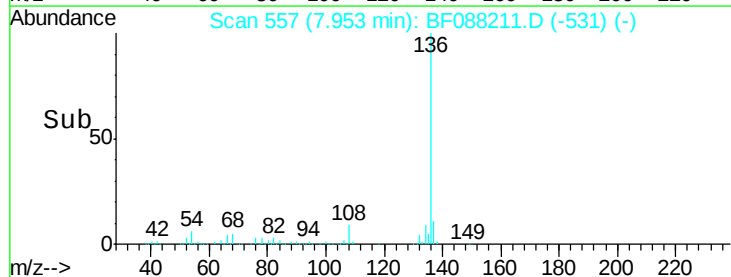
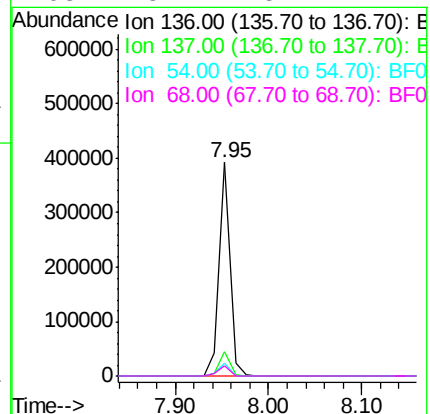
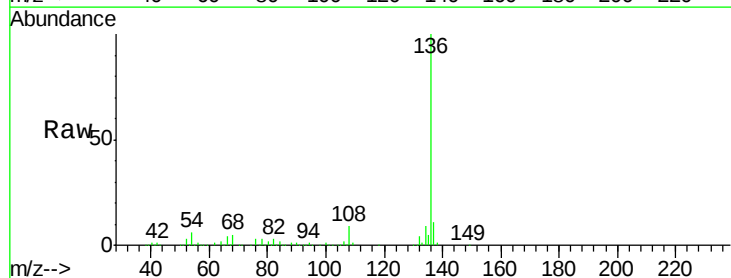
Ion Ratio Lower Upper

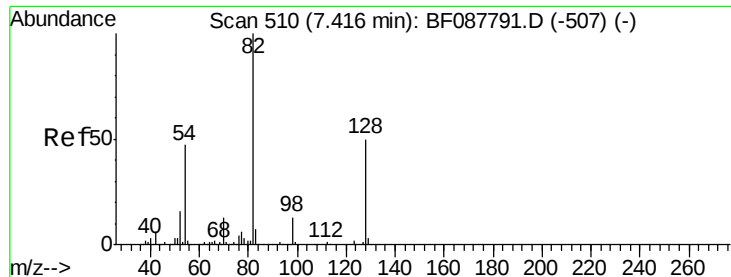
136 100

137 11.1 9.1 13.7

54 6.1 6.6 10.0#

68 5.1 5.1 7.7#

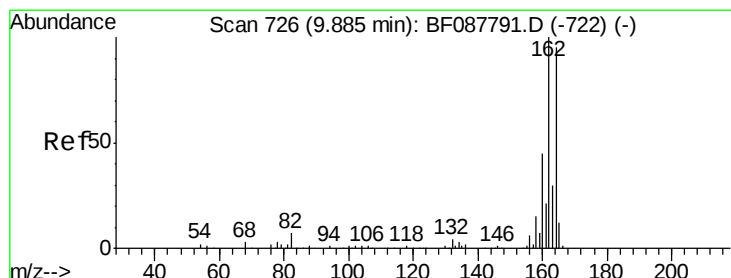
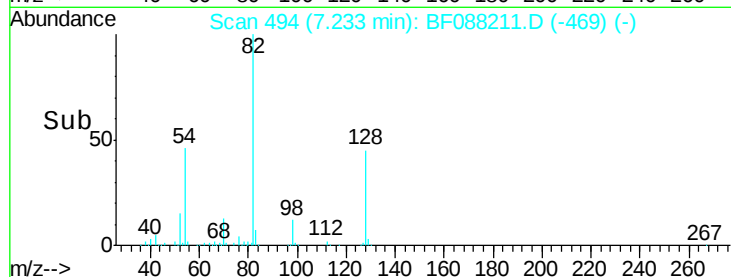
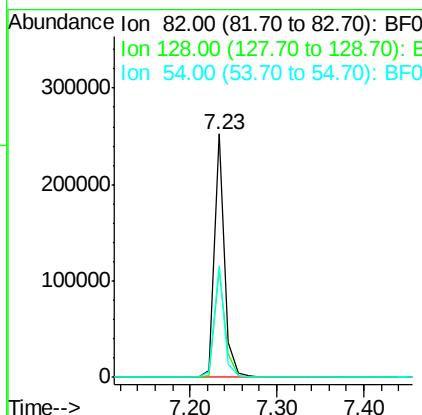
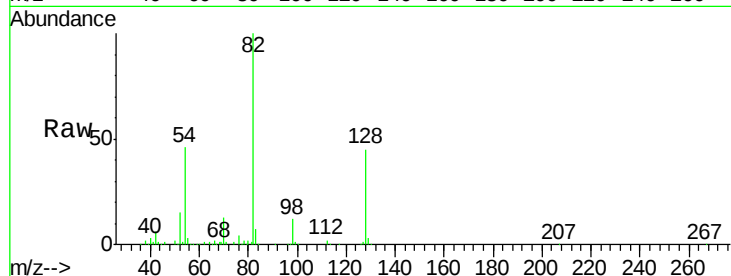




#23
Nitrobenzene-d5
Concen: 38.51 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088211.D
Acq: 21 Jun 2016 10:54

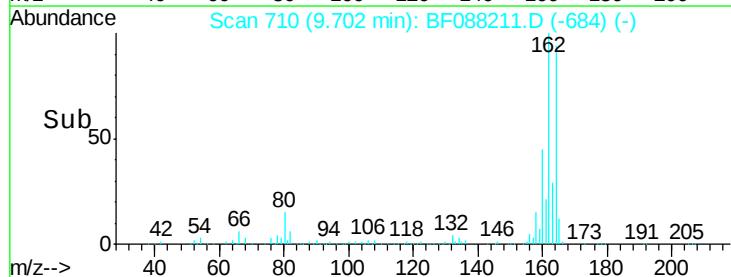
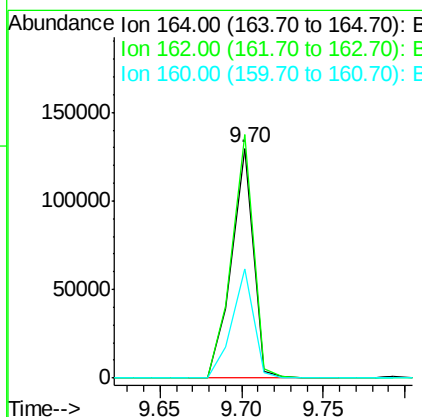
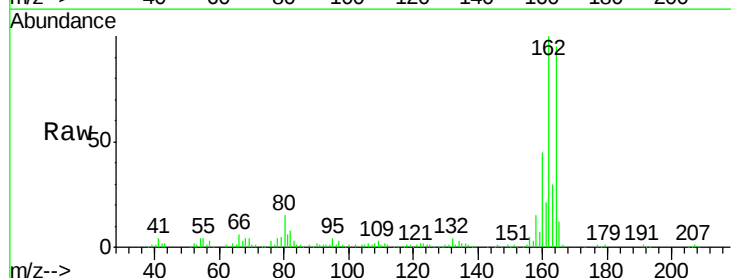
Instrument :
BNA_F
ClientSampleId :
SS2-0-6DL

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

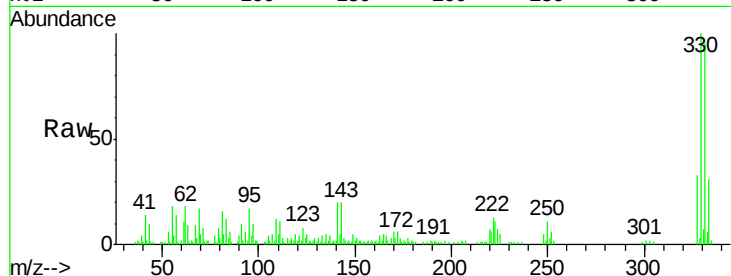




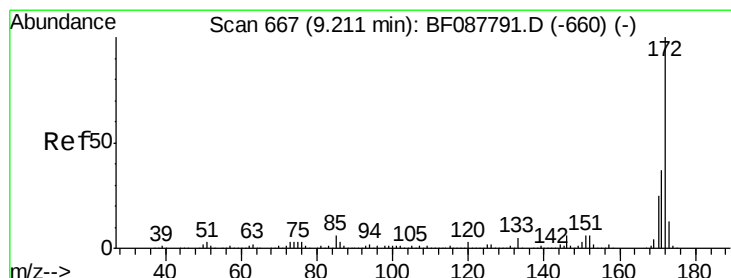
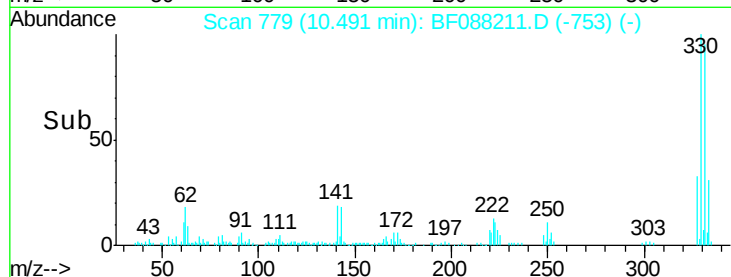
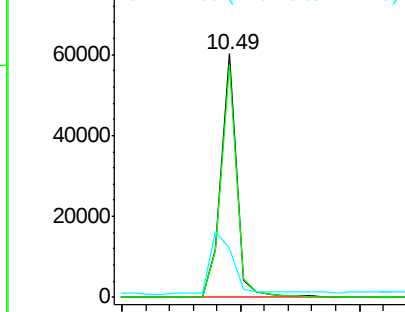
#41
 2,4,6-Tribromophenol
 Concen: 43.62 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6DL

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

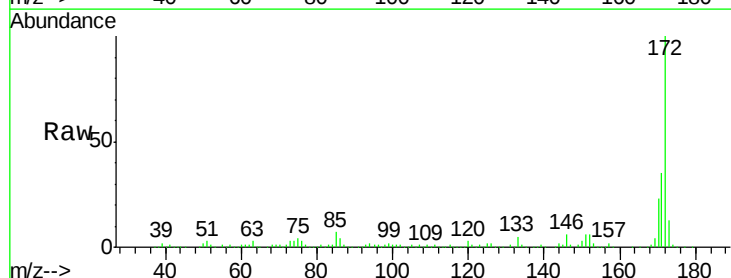


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

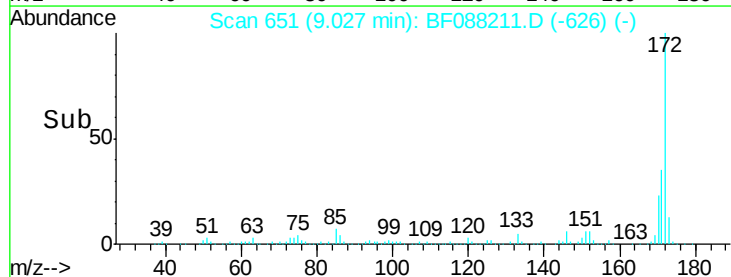
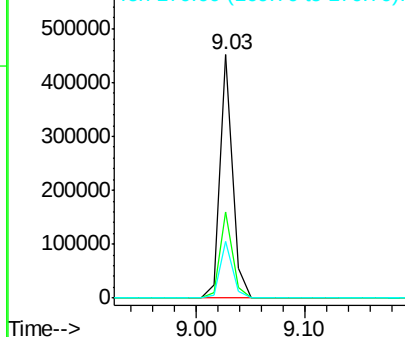


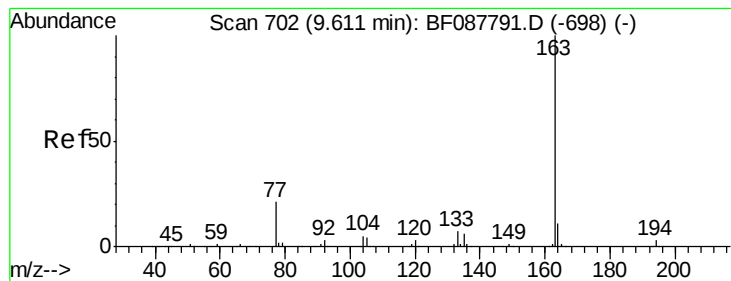
#44
 2-Fluorobiphenyl
 Concen: 46.17 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

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





#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

Instrument :

BNA_F

ClientSampleId :

SS2-0-6DL

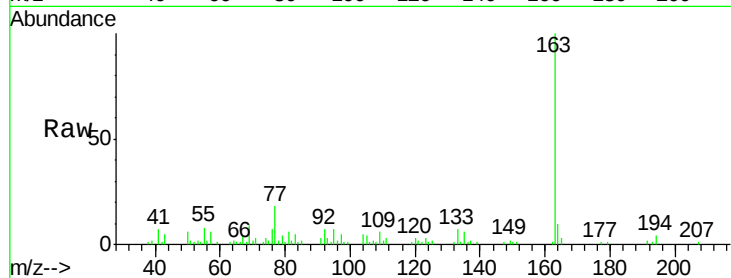
Tot Ion:163 Resp: 42799

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

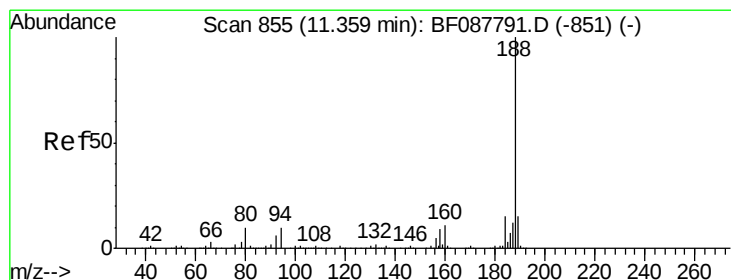
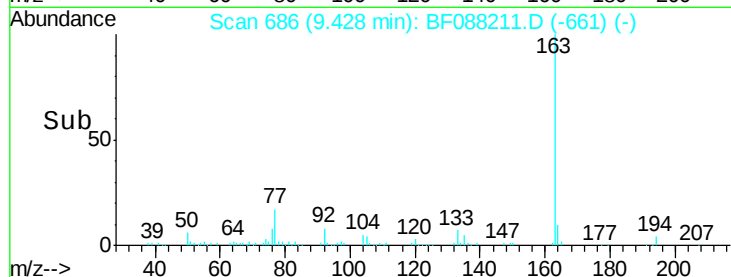
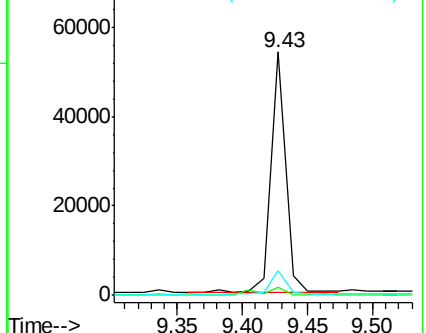
164 10.3 8.3 12.5



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



#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

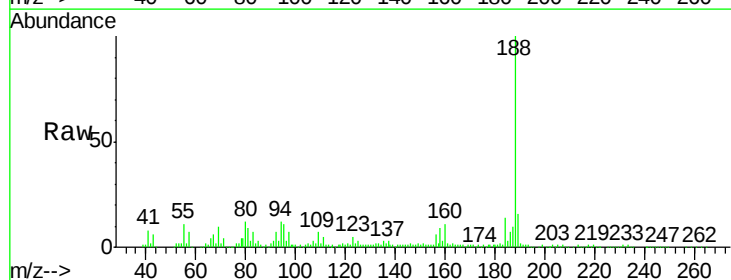
Tgt Ion:188 Resp: 176779

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

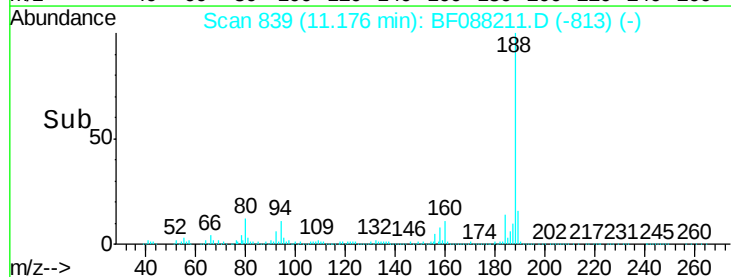
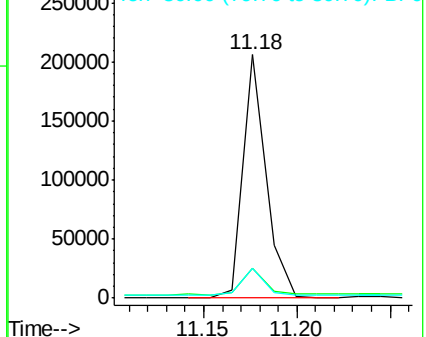
80 12.4 10.0 15.0

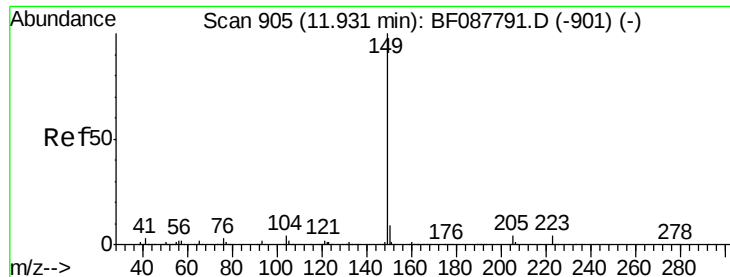


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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 :

SS2-0-6DL

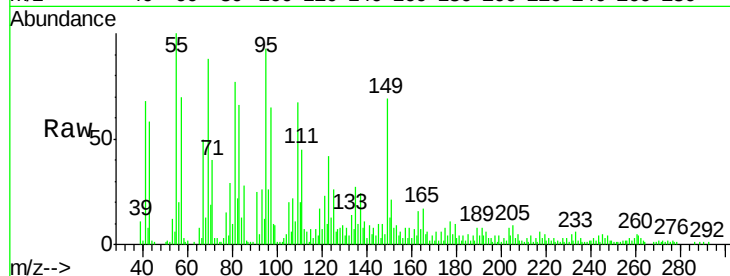
Tot Ion:149 Resp: 31797

Ion Ratio Lower Upper

149 100

150 18.3 7.8 11.6#

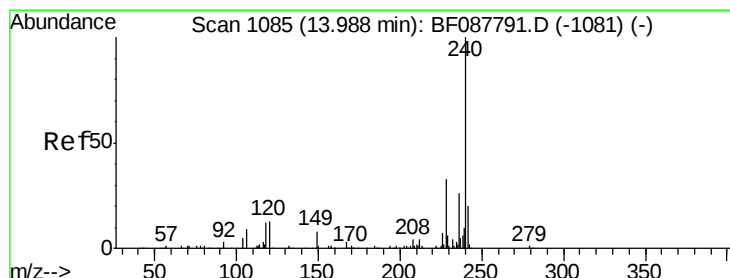
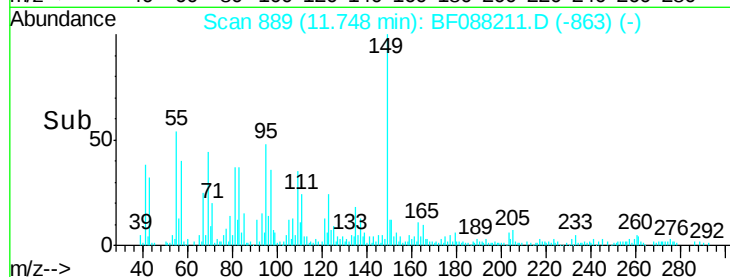
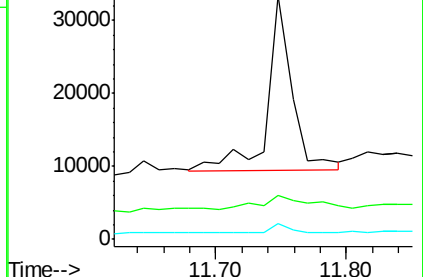
104 6.7 4.0 6.0#



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

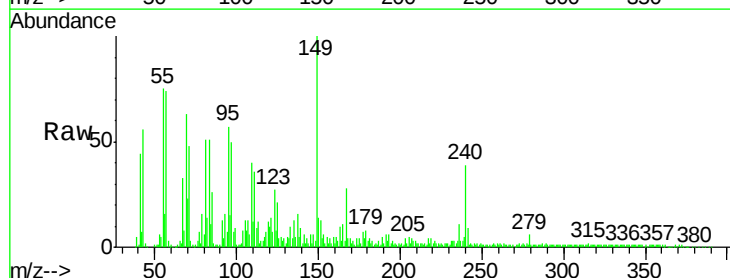
Tgt Ion:240 Resp: 99425

Ion Ratio Lower Upper

240 100

120 26.4 6.8 10.2#

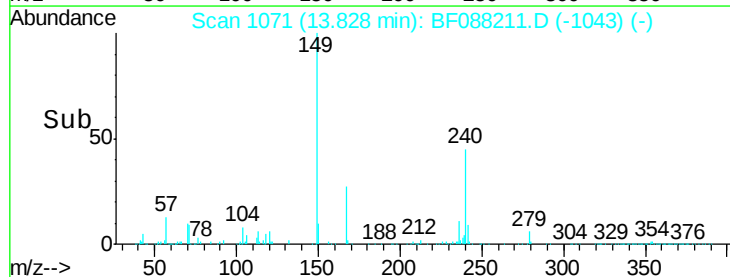
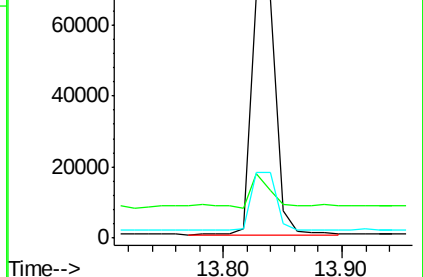
236 27.0 20.2 30.2

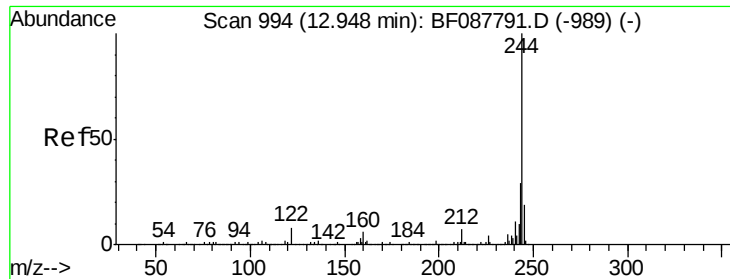


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

BNA_F

ClientSampleId :

SS2-0-6DL

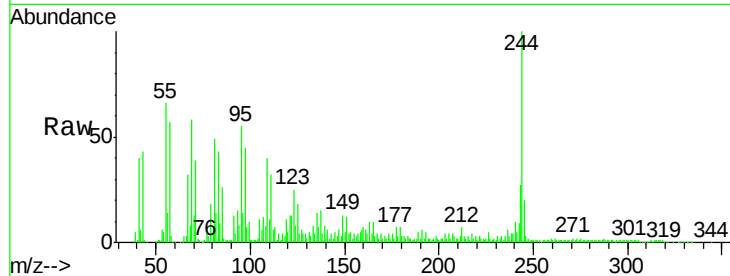
Tot Ion:244 Resp: 194307

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

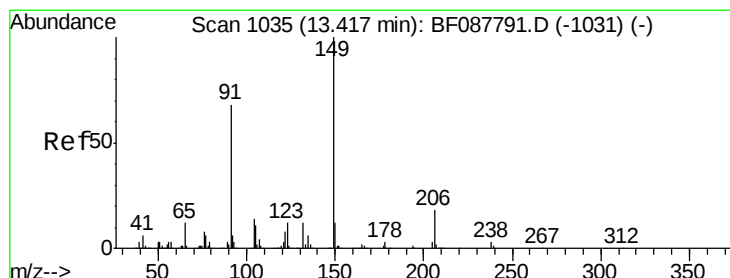
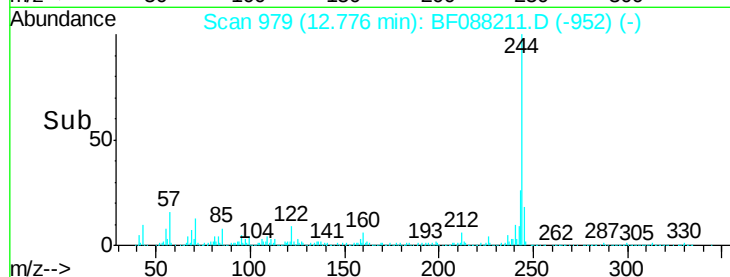
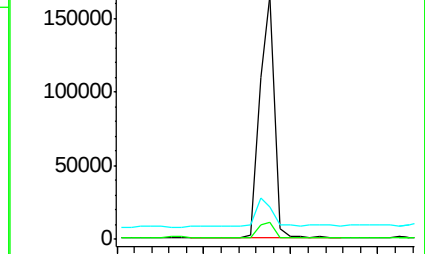
122 13.3 11.2 16.8



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

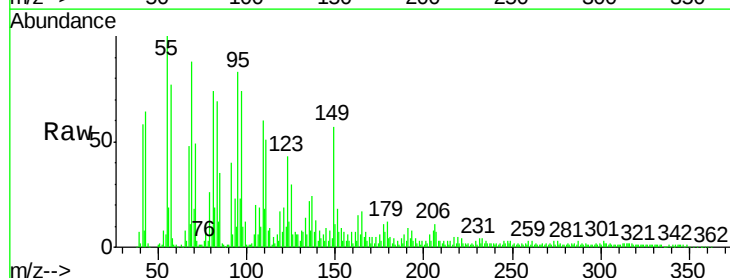
Tgt Ion:149 Resp: 54572

Ion Ratio Lower Upper

149 100

91 70.5 48.0 72.0

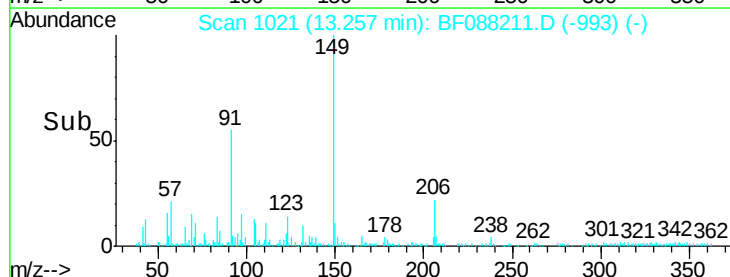
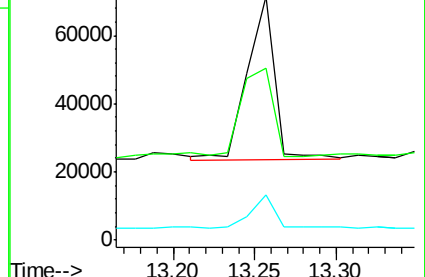
206 18.7 16.0 24.0

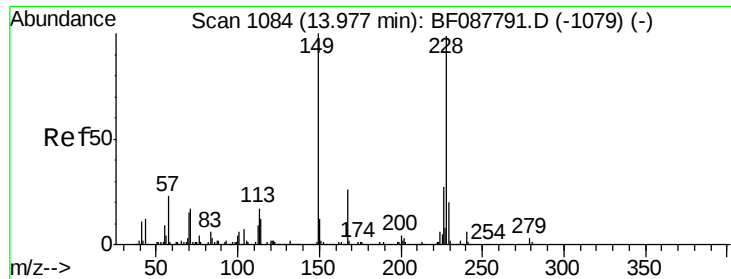


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

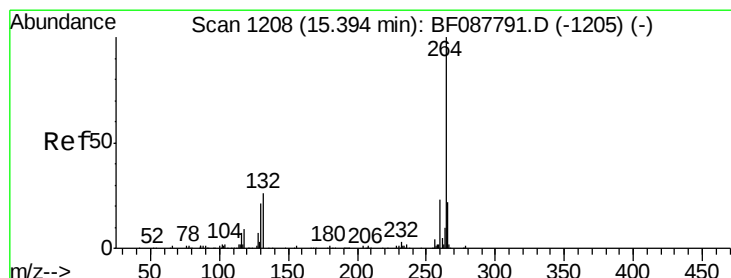
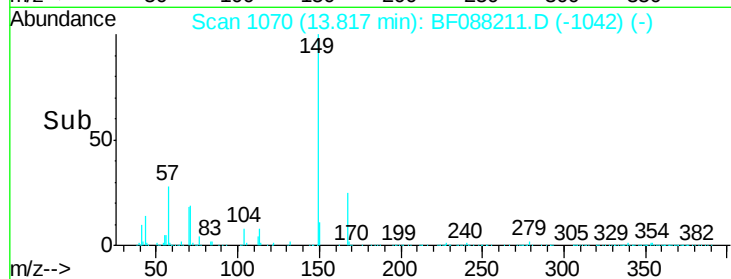
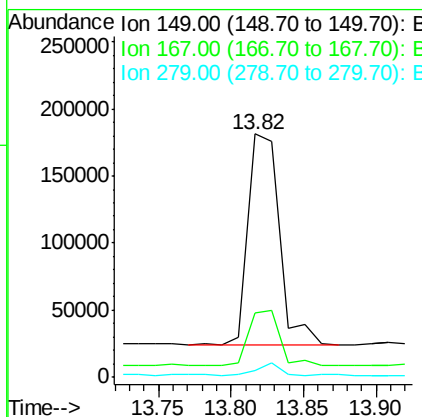
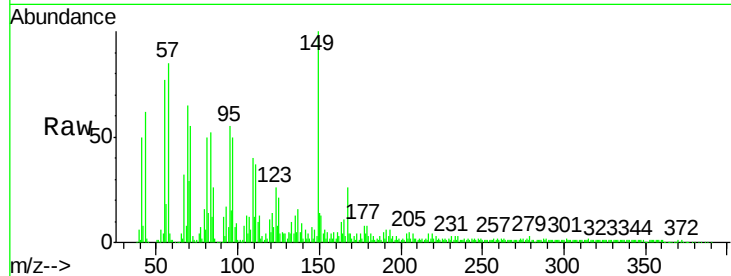




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.86 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. 0.02 min
 Lab File: BF088211.D
 Acq: 21 Jun 2016 10:54

Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6DL

Tot 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
 Perylene-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

Tgt Ion:264 Resp: 105626
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 23.4 16.9 25.3

