

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088553.D
 Acq On : 1 Jul 2016 2:46
 Operator : UM/SJ
 Sample : H3630-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

Quant Time: Jul 01 05:56:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

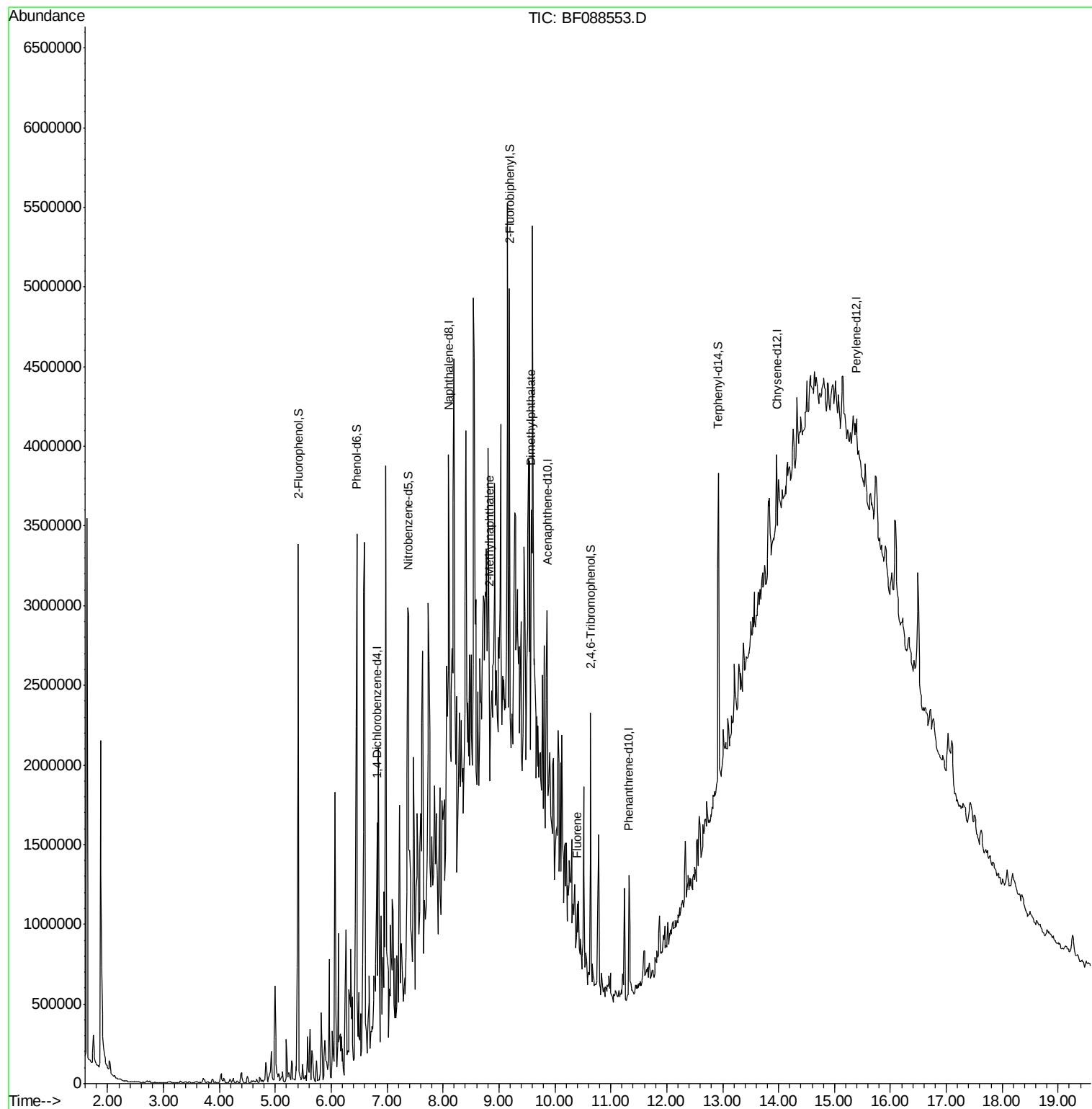
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149358	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	434097	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	202751	20.00	ng	0.01
63) Phenanthrene-d10	11.32	188	347545	20.00	ng	0.00
75) Chrysene-d12	13.97	240	227654	20.00	ng	0.01
86) Perylene-d12	15.39	264	218015	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1124925	112.88	ng	0.01
7) Phenol-d6	6.46	99	1517540	117.85	ng	0.01
23) Nitrobenzene-d5	7.38	82	868379	104.83	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	192759	102.38	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1049235	81.74	ng	0.01
78) Terphenyl-d14	12.93	244	844182	82.59	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	152879	11.09	ng	# 92
49) Dimethylphthalate	9.58	163	219156	15.17	ng	# 93
57) Fluorene	10.40	166	35483	2.74	ng	# 88

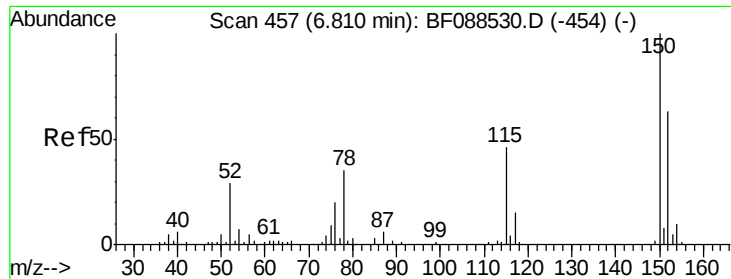
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

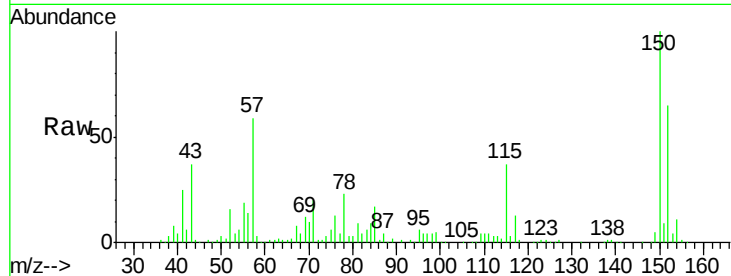
Tot Ion:152 Resp: 149358

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

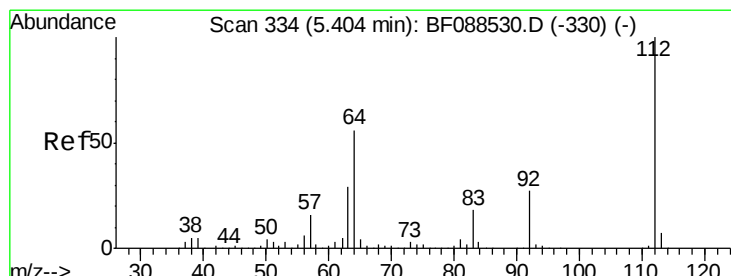
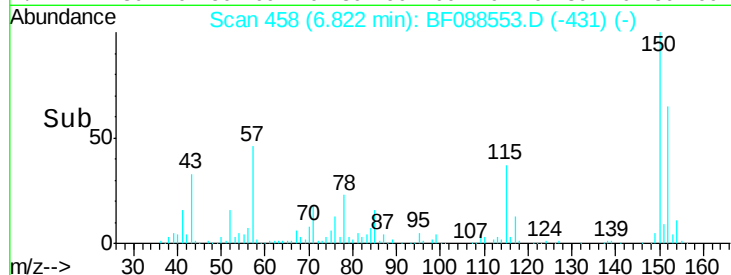
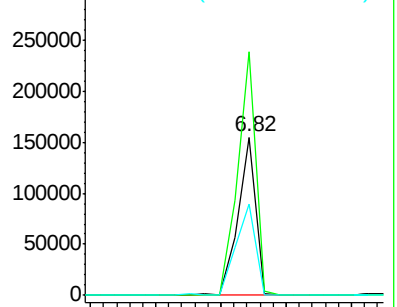
115 57.4 39.6 59.4



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: 112.88 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

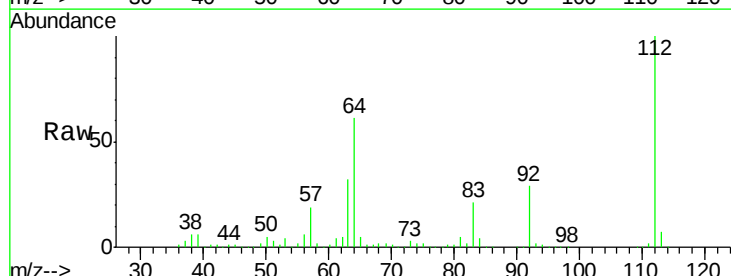
Tgt Ion:112 Resp: 1124925

Ion Ratio Lower Upper

112 100

64 61.0 42.2 63.2

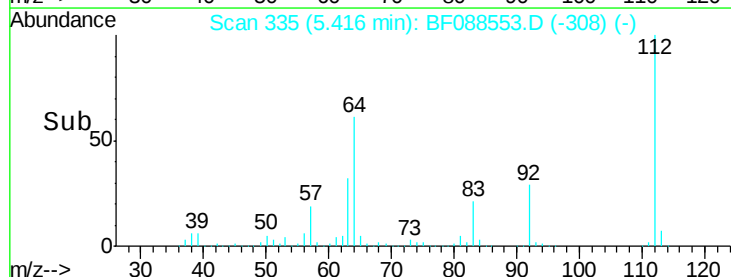
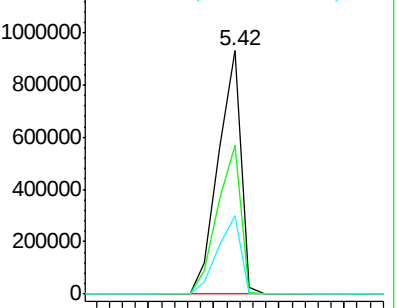
63 32.5 21.8 32.8



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: 117.85 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

Instrument :

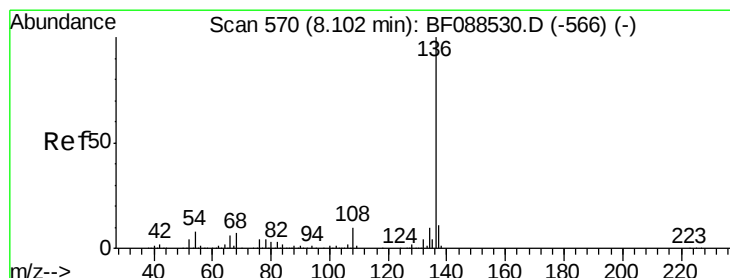
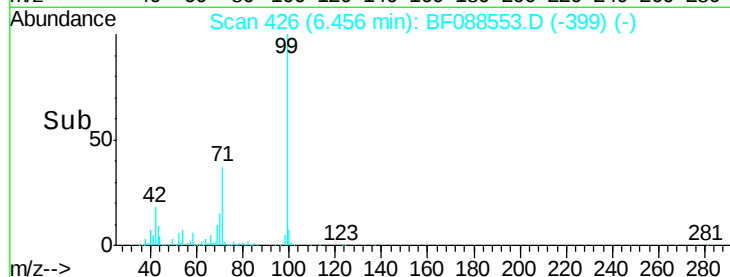
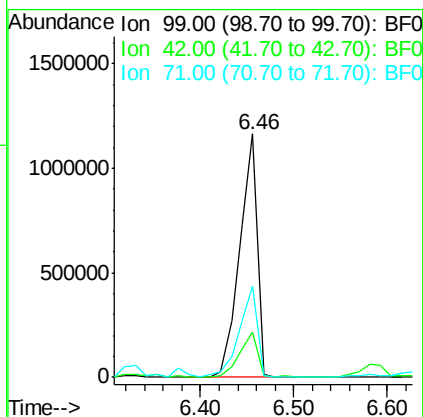
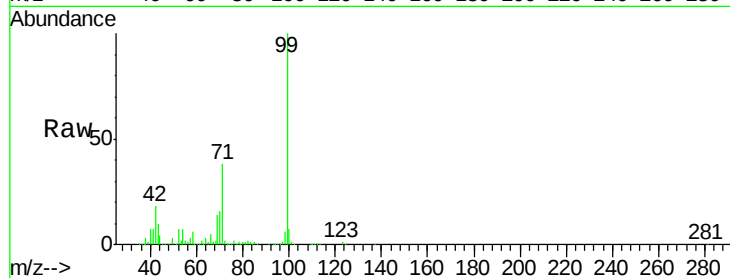
BNA_F

ClientSampleId :

B1409-TP01E-1224

Tot Ion: 99 Resp: 1517540

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.2	18.2#
71	37.6	23.4	35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

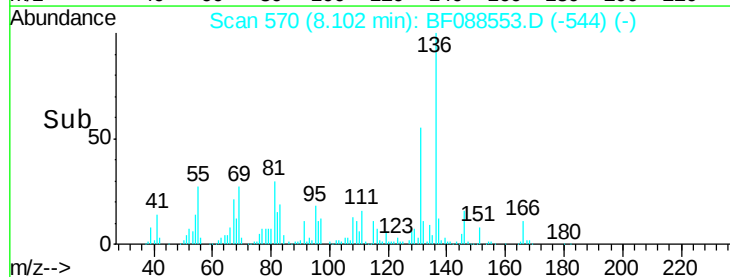
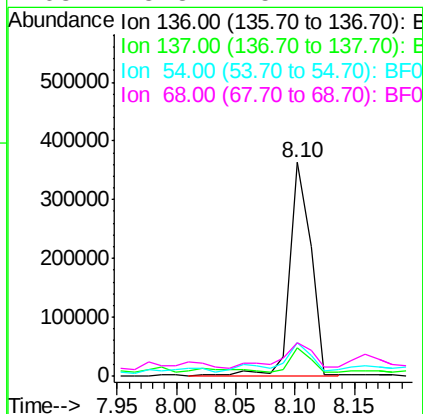
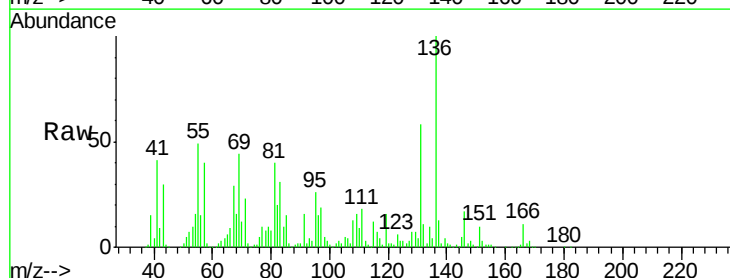
Delta R.T. 0.00 min

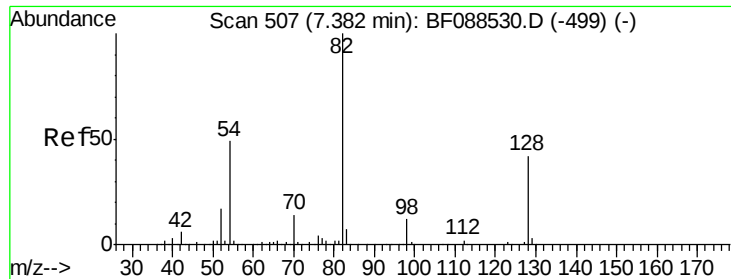
Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

Tgt Ion: 136 Resp: 434097

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.1	13.7
54	15.6	6.6	10.0#
68	15.8	5.1	7.7#

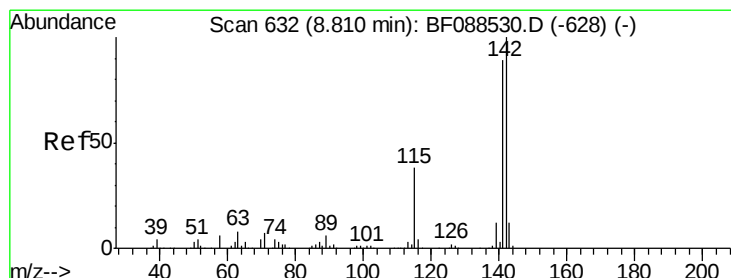
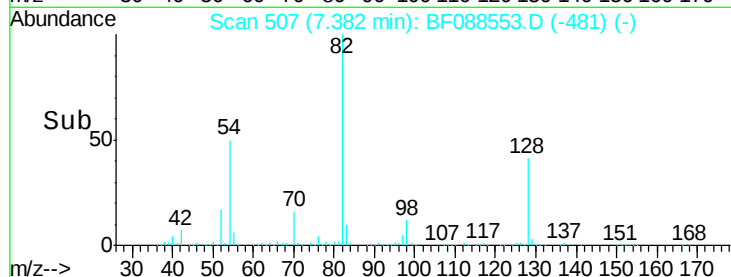
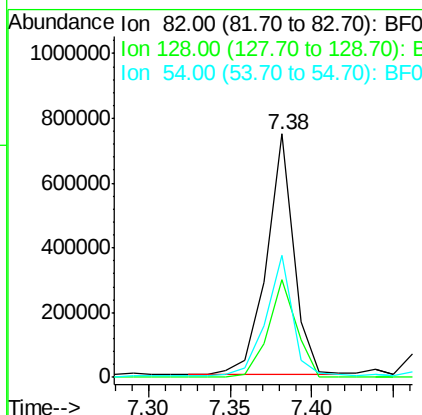
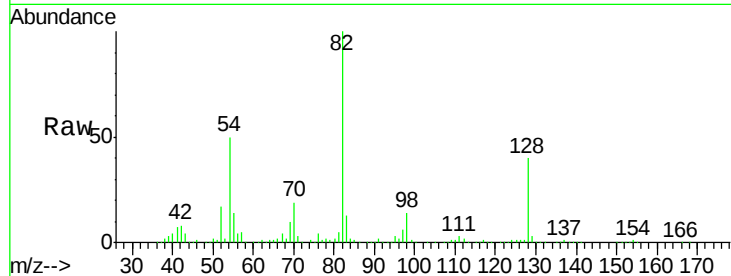




#23
 Nitrobenzene-d5
 Concen: 104.83 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088553.D
 Acq: 1 Jul 2016 2:46

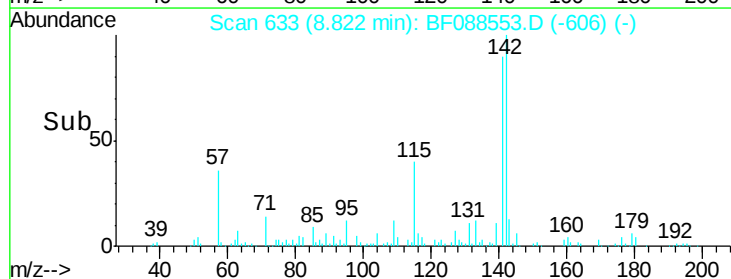
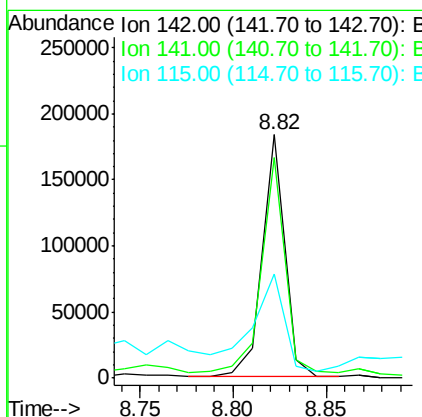
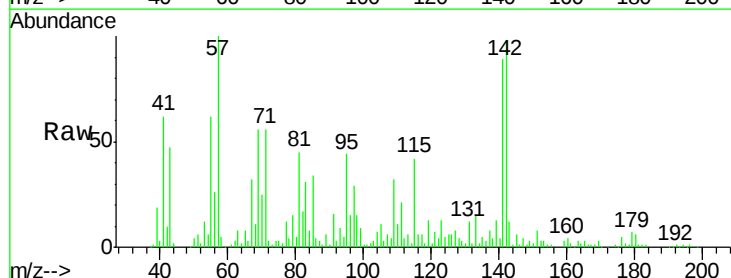
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

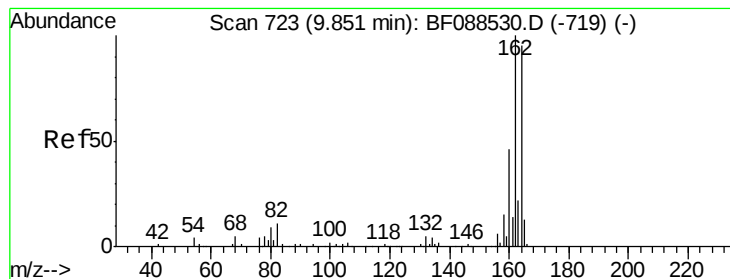
Tot Ion	82	Resp	868379
Ion Ratio	Lower	Upper	
82	100		
128	40.1	35.9	53.9
54	50.3	40.9	61.3



#37
 2-Methylnaphthalene
 Concen: 11.09 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF088553.D
 Acq: 1 Jul 2016 2:46

Tgt Ion	142	Resp	152879
Ion Ratio	Lower	Upper	
142	100		
141	90.8	71.0	106.6
115	42.9	22.6	33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

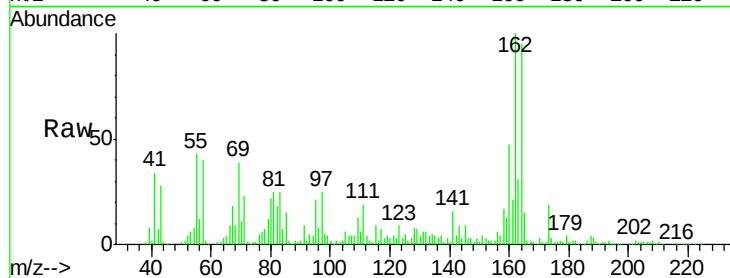
Tot Ion:164 Resp: 202751

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

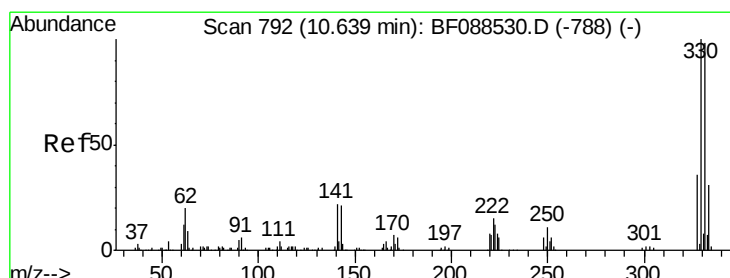
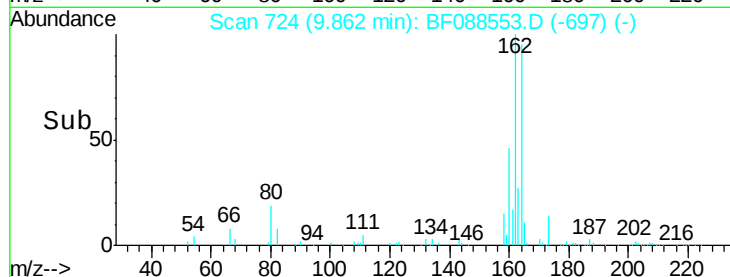
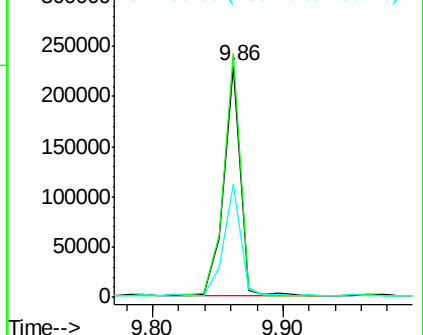
160 49.1 39.5 59.3



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: 102.38 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

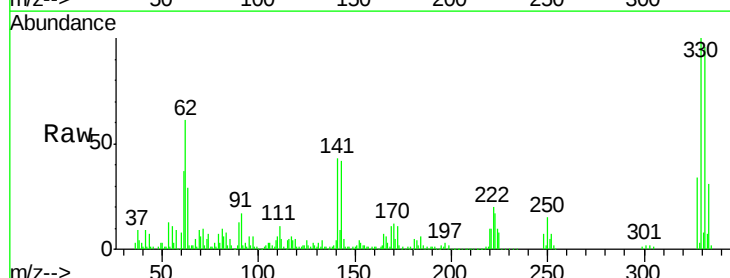
Tgt Ion:330 Resp: 192759

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

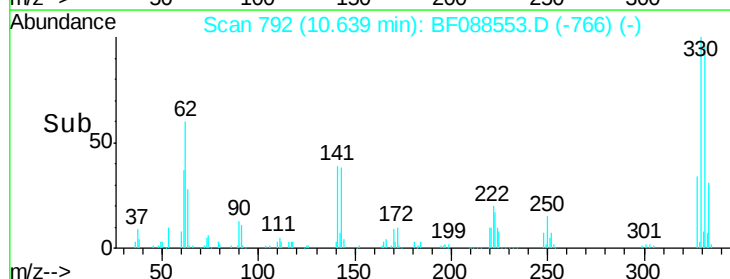
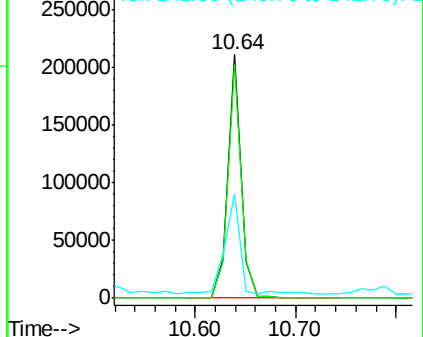
141 43.9 0.0 0.0#

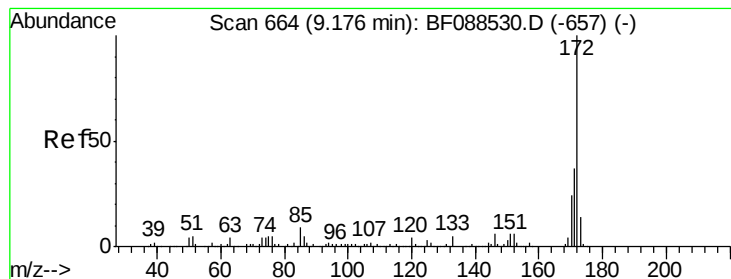


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

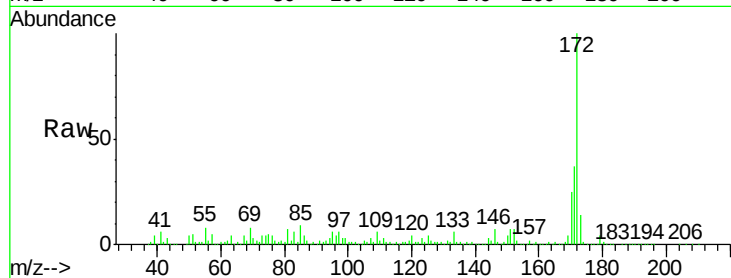




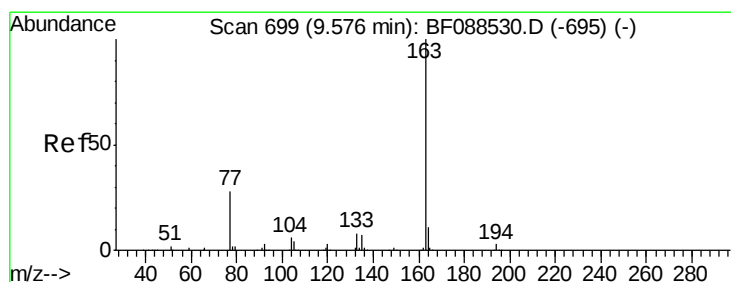
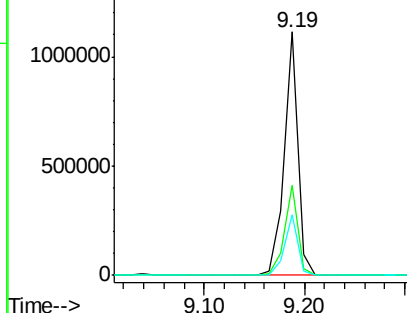
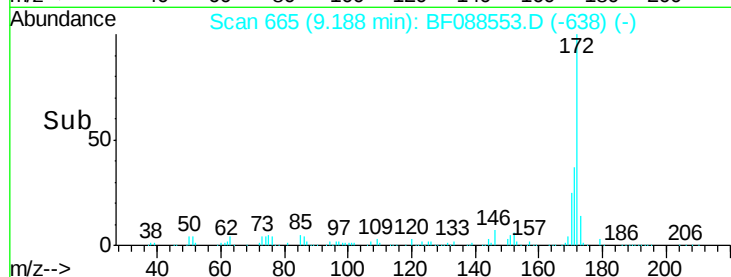
#44
2-Fluorobiphenyl
Concen: 81.74 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF088553.D
Acq: 1 Jul 2016 2:46

Instrument :
BNA_F
ClientSampleId :
B1409-TP01E-1224

Tot Ion:172 Resp: 1049235
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.7 19.2 28.8

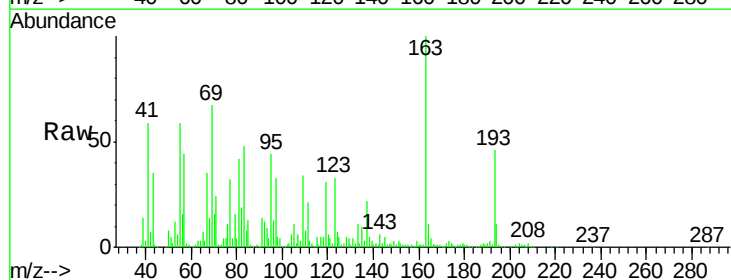


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

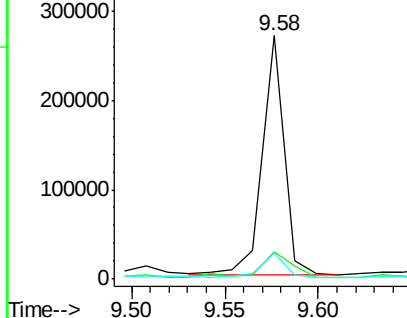
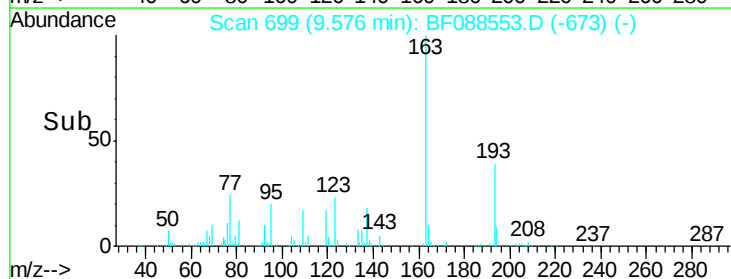


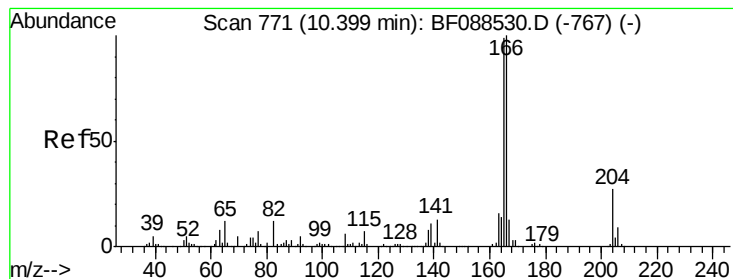
#49
Dimethylphthalate
Concen: 15.17 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088553.D
Acq: 1 Jul 2016 2:46

Tgt Ion:163 Resp: 219156
Ion Ratio Lower Upper
163 100
194 11.1 2.8 4.2#
164 10.8 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





#57

Fluorene

Concen: 2.74 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

Instrument :

BNA_F

ClientSampleId :

B1409-TP01E-1224

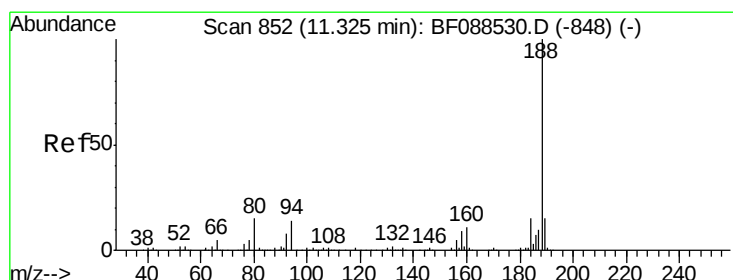
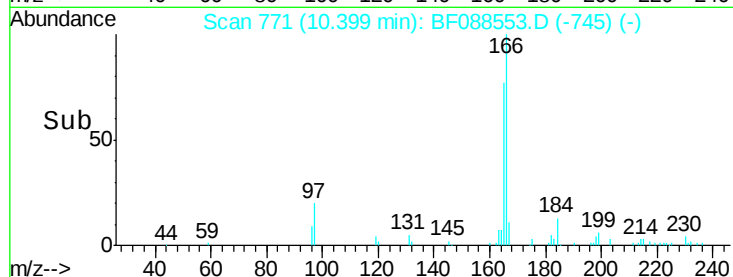
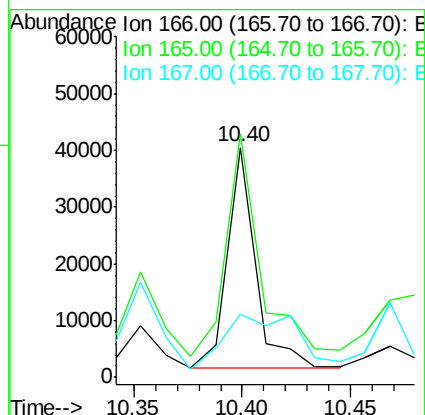
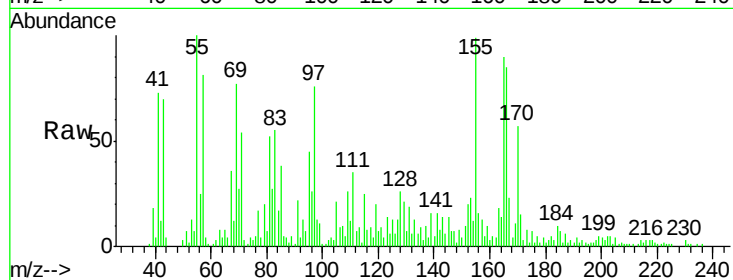
Tot Ion:166 Resp: 35483

Ion Ratio Lower Upper

166 100

165 105.9 77.8 116.8

167 27.6 11.2 16.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088553.D

Acq: 1 Jul 2016 2:46

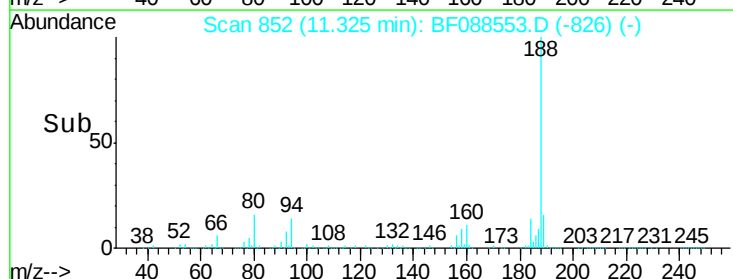
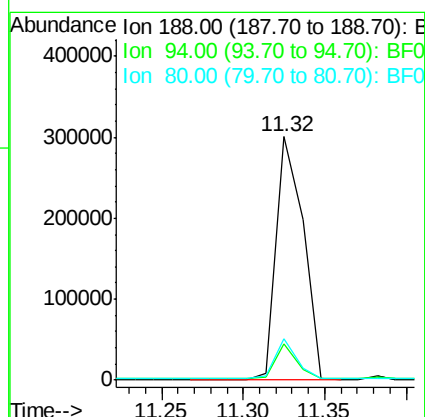
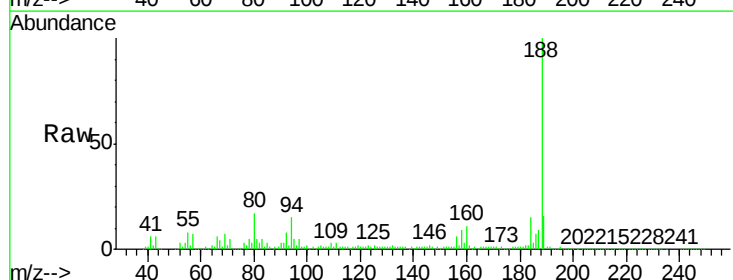
Tgt Ion:188 Resp: 347545

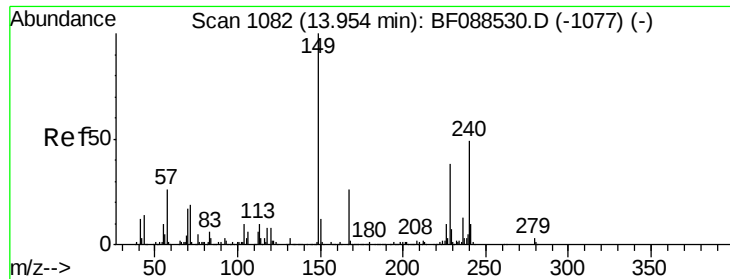
Ion Ratio Lower Upper

188 100

94 14.8 9.0 13.6#

80 16.9 10.0 15.0#

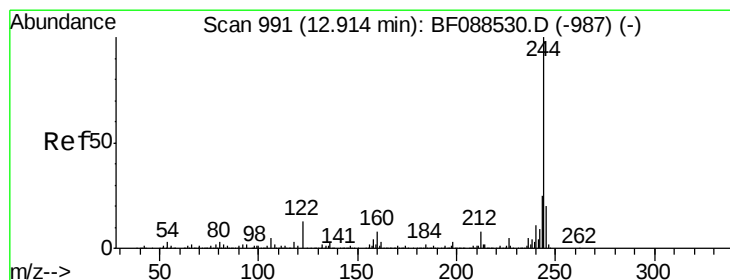
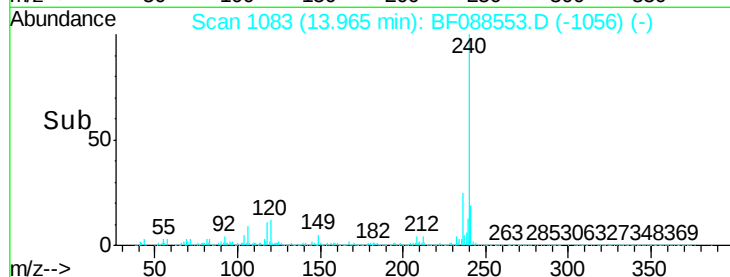
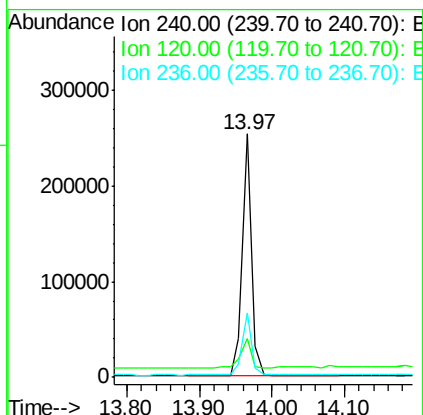
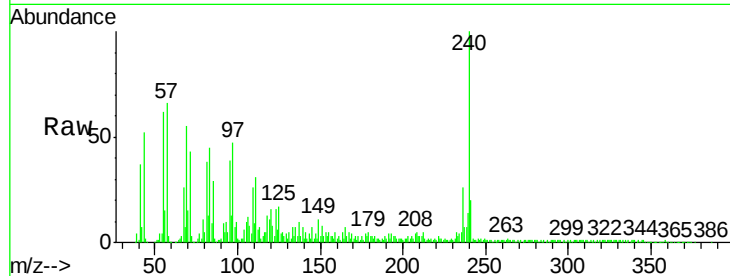




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BF088553.D
Acq: 1 Jul 2016 2:46

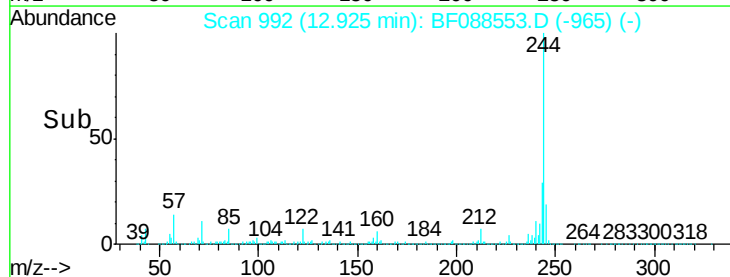
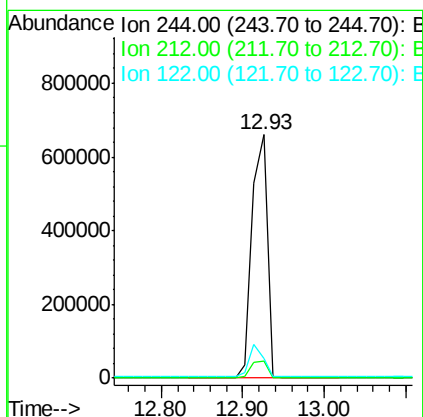
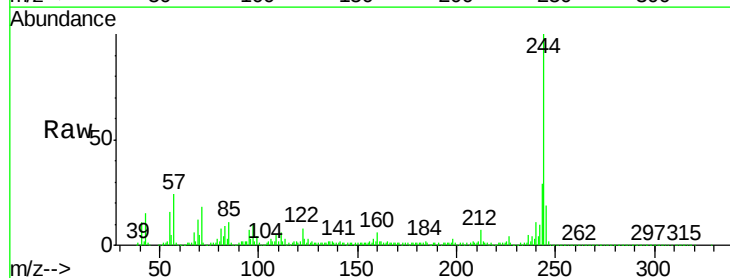
Instrument :
BNA_F
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B1409-TP01E-1224

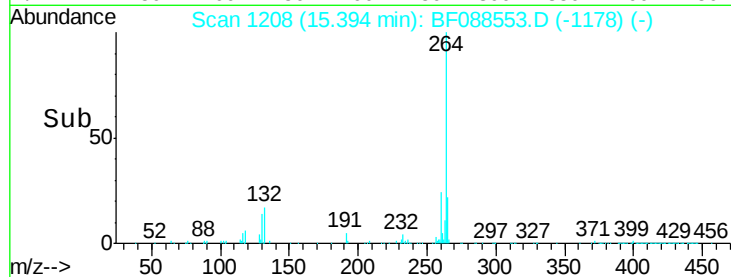
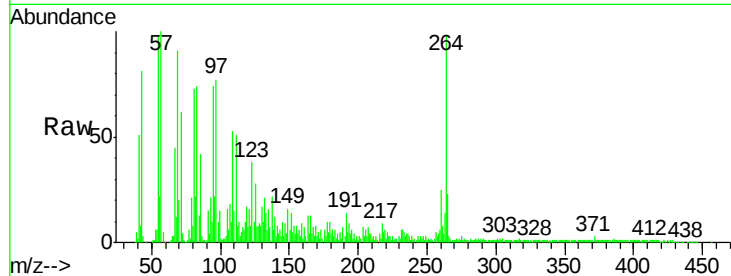
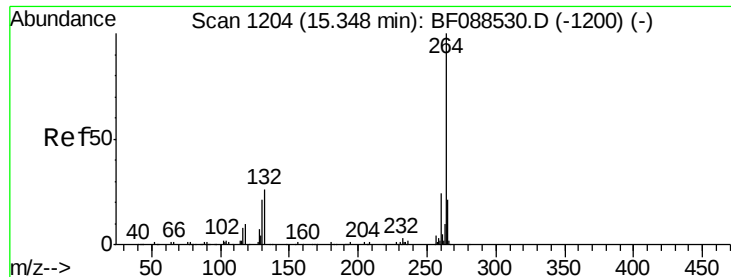
Tot Ion:240 Resp: 227654
Ion Ratio Lower Upper
240 100
120 15.8 6.8 10.2#
236 26.5 20.2 30.2



#78
Terphenyl-d14
Concen: 82.59 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF088553.D
Acq: 1 Jul 2016 2:46

Tgt Ion:244 Resp: 844182
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.9 11.2 16.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. 0.05 min
 Lab File: BF088553.D
 Acq: 1 Jul 2016 2:46

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	23.5	16.9	25.3

