

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088549.D
 Acq On : 1 Jul 2016 00:50
 Operator : UM/SJ
 Sample : H3630-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

Quant Time: Jul 01 01:41:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

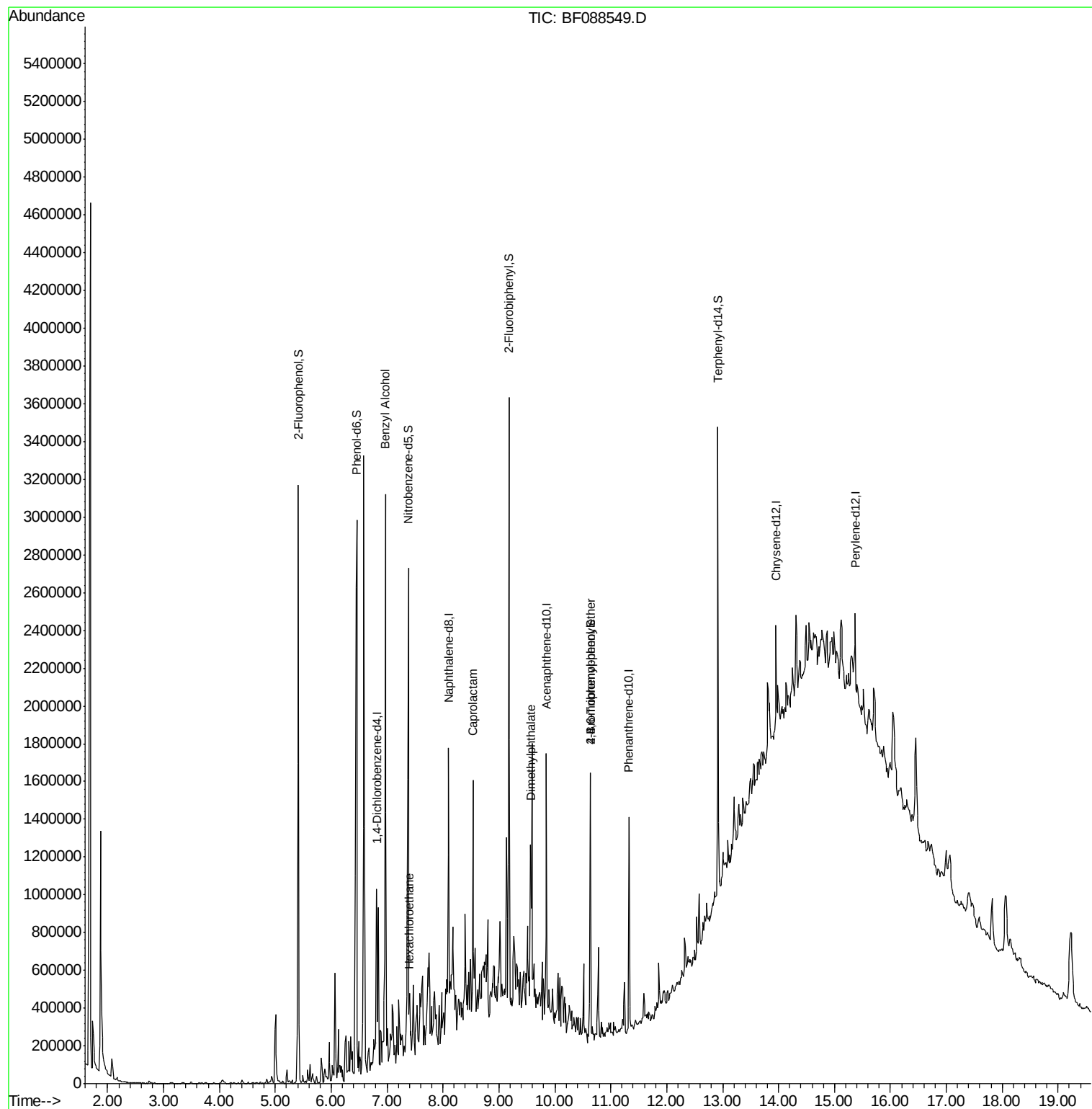
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138351	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	558477	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	232813	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	369903	20.00	ng	0.00
75) Chrysene-d12	13.95	240	223143	20.00	ng	0.00
86) Perylene-d12	15.37	264	243995	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1029026	111.47	ng	0.01
7) Phenol-d6	6.46	99	1666579	139.72	ng	0.01
23) Nitrobenzene-d5	7.38	82	986229	92.54	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	261157	120.80	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1258021	85.35	ng	0.00
78) Terphenyl-d14	12.91	244	753417	75.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.97	79	23334	2.66	ng	# 46
18) Hexachloroethane	7.39	117	43857	10.46	ng	# 11
35) Caprolactam	8.54	113	28361	11.26	ng	# 34
49) Dimethylphthalate	9.56	163	260305	15.69	ng	# 97
66) 4-Bromophenyl-phenylether	10.64	248	16304	4.37	ng	# 1

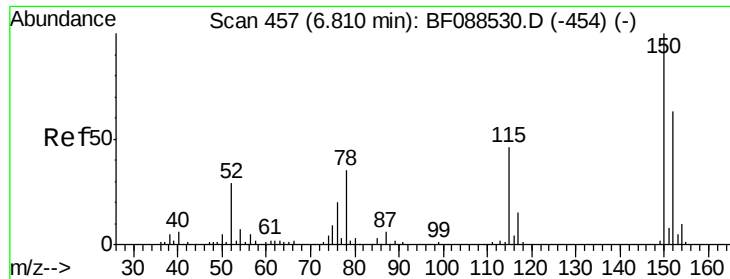
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

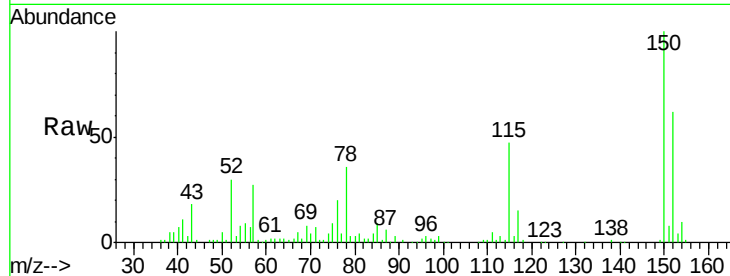
Tgt Ion:152 Resp: 138351

Ion Ratio Lower Upper

152 100

150 160.7 123.8 185.6

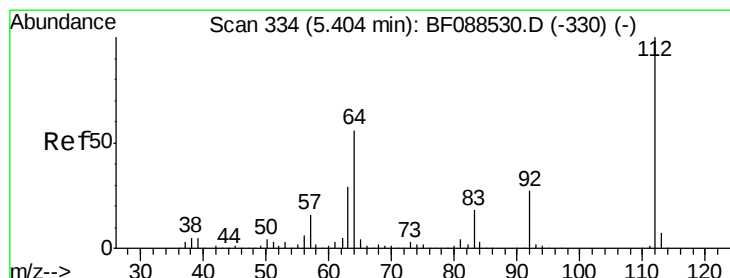
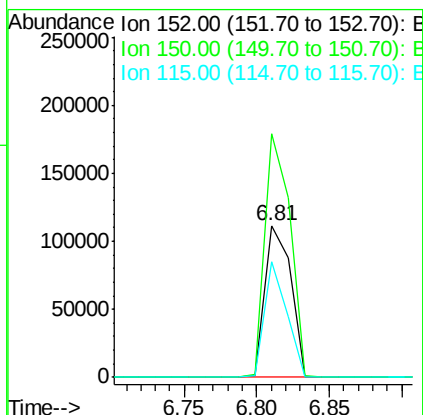
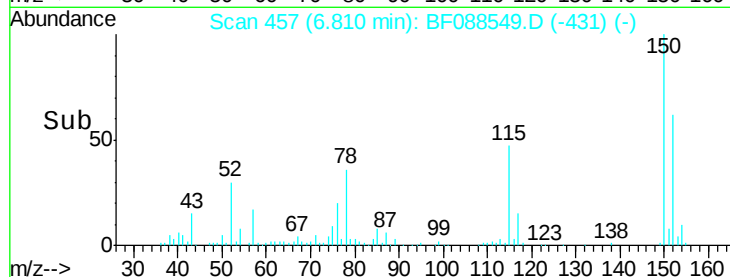
115 76.1 39.6 59.4#



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: 111.47 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

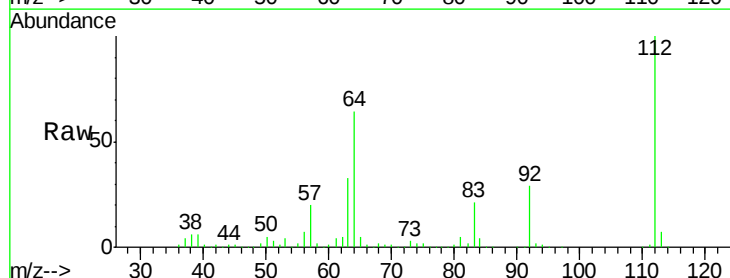
Tgt Ion:112 Resp: 1029026

Ion Ratio Lower Upper

112 100

64 63.6 42.2 63.2#

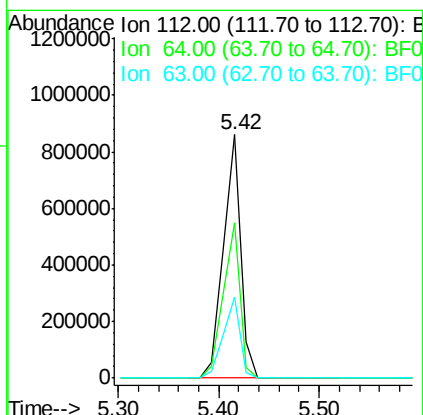
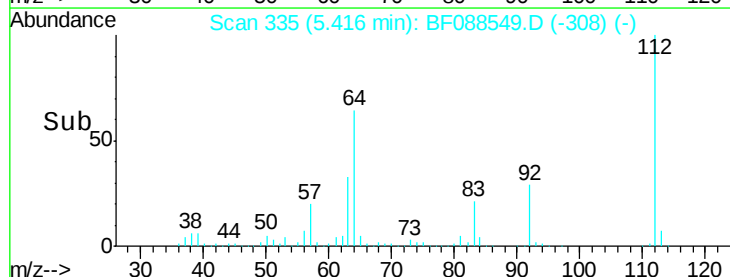
63 33.3 21.8 32.8#



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: 139.72 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

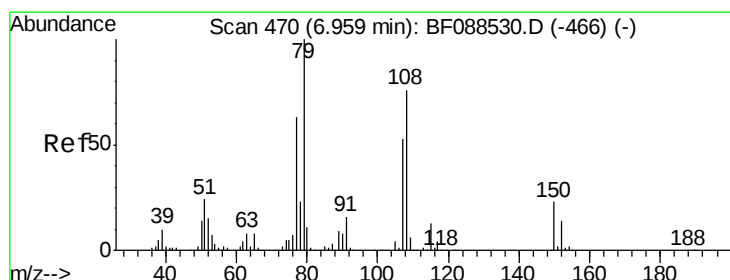
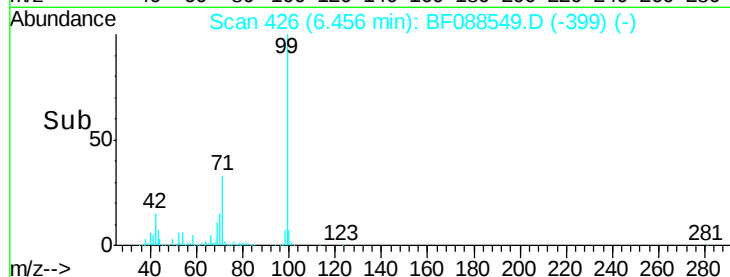
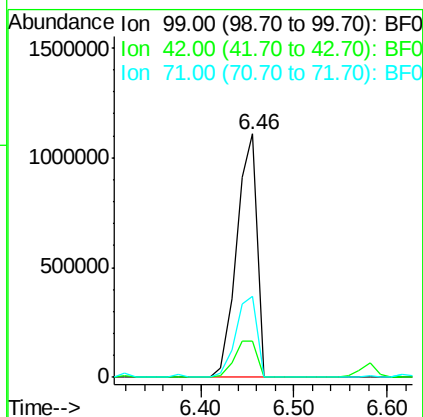
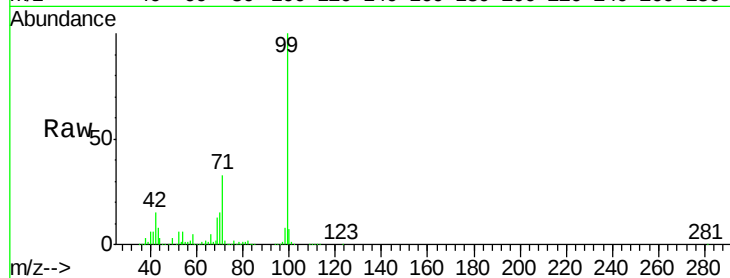
Tgt Ion: 99 Resp: 1666579

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 33.4 23.4 35.0



#15

Benzyl Alcohol

Concen: 2.66 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

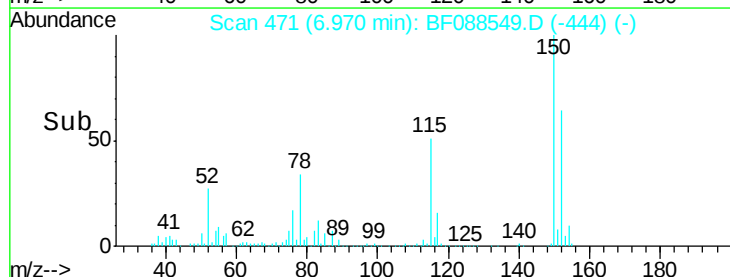
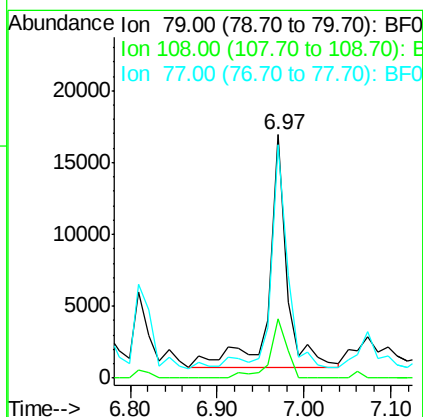
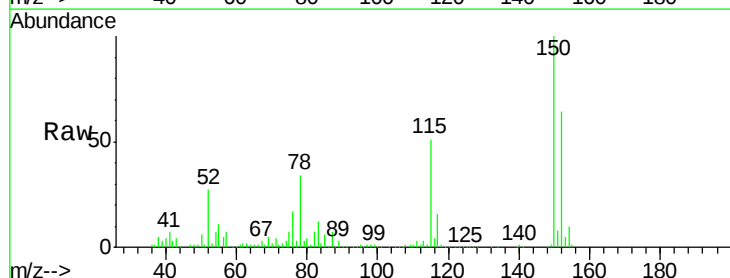
Tgt Ion: 79 Resp: 23334

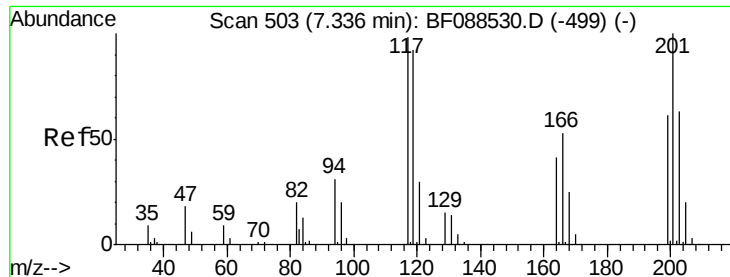
Ion Ratio Lower Upper

79 100

108 24.5 65.0 97.6#

77 95.6 50.3 75.5#

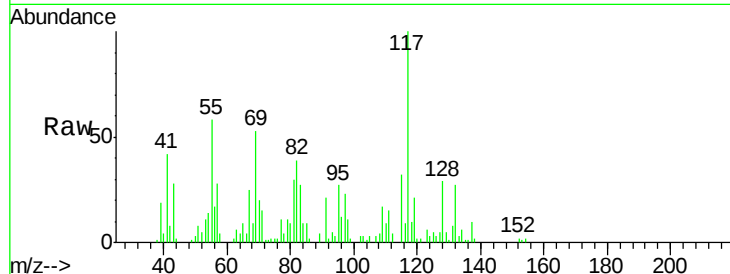




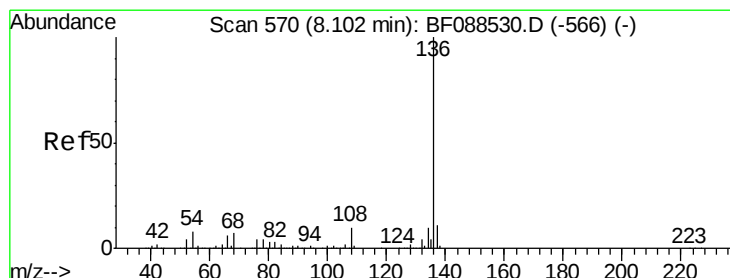
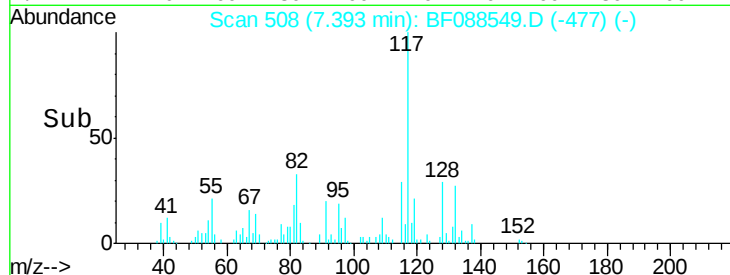
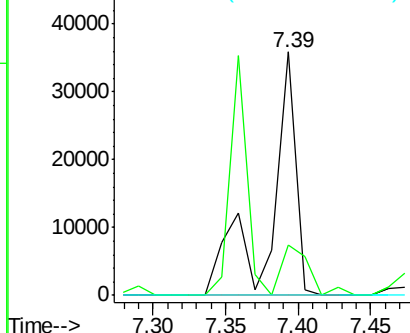
#18
Hexachloroethane
Concen: 10.46 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.06 min
Lab File: BF088549.D
Acq: 1 Jul 2016 00:50

Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

Tgt Ion:117 Resp: 43857
Ion Ratio Lower Upper
117 100
119 20.9 77.4 116.2#
201 0.0 80.4 120.6#

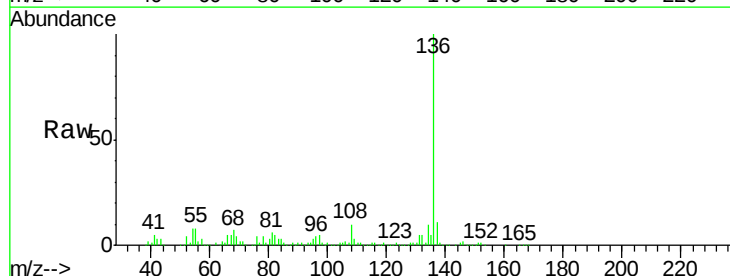


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

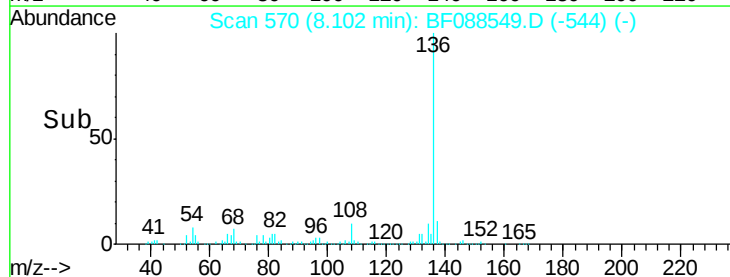
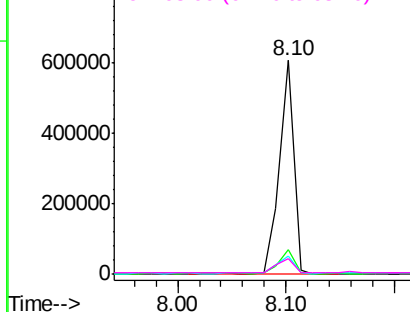


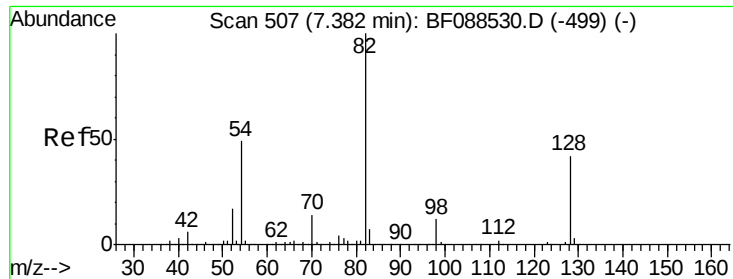
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088549.D
Acq: 1 Jul 2016 00:50

Tgt Ion:136 Resp: 558477
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.1 6.6 10.0
68 7.2 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

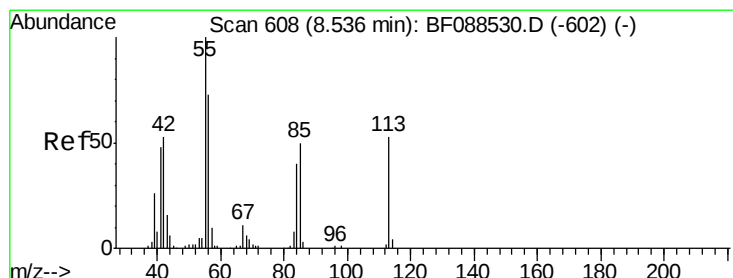
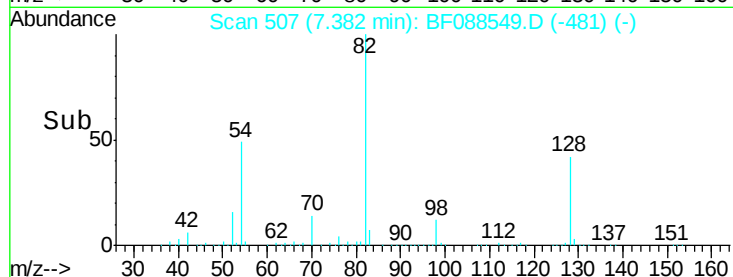
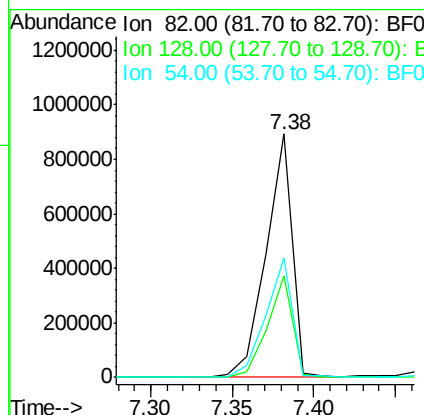
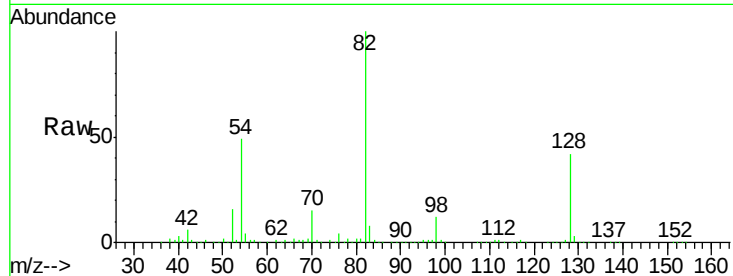




#23
 Nitrobenzene-d5
 Concen: 92.54 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088549.D
 Acq: 1 Jul 2016 00:50

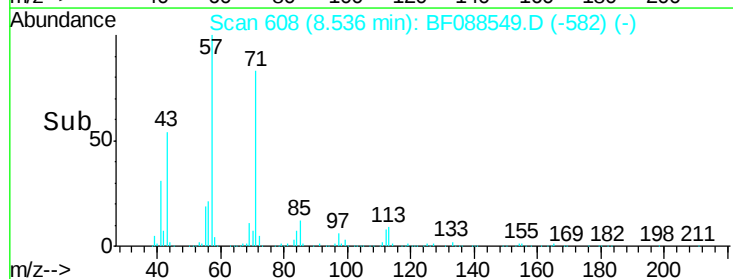
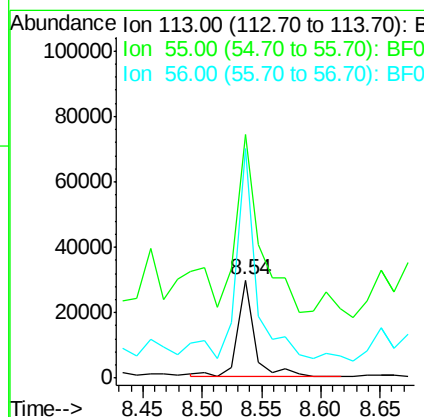
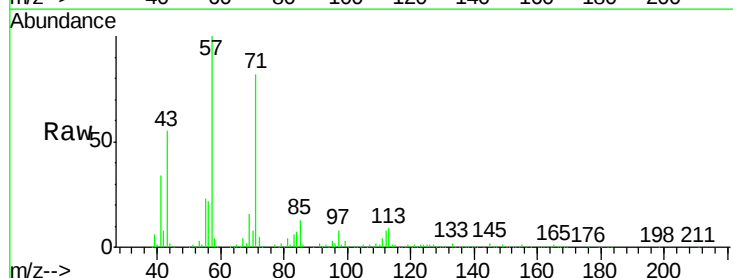
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01W-1224

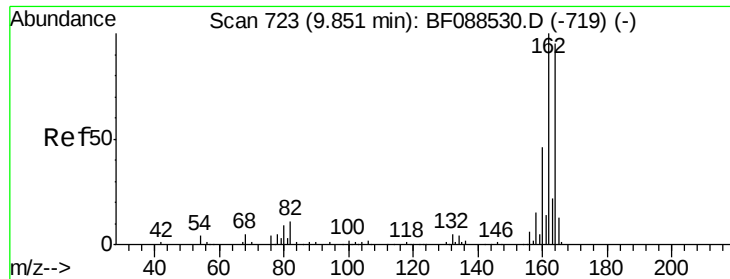
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.9	53.9
54	49.0	40.9	61.3



#35
 Caprolactam
 Concen: 11.26 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088549.D
 Acq: 1 Jul 2016 00:50

Tgt Ion	Ratio	Lower	Upper
113	100		
55	248.6	158.6	198.6#
56	234.8	110.6	150.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

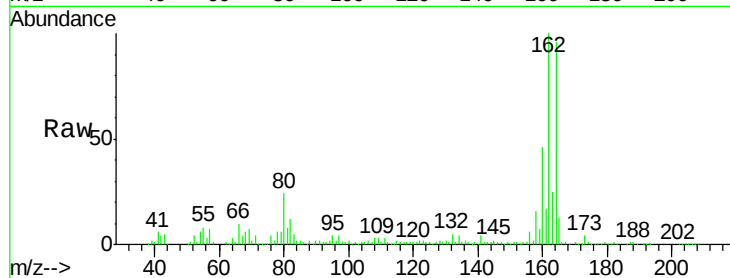
Tgt Ion:164 Resp: 232813

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

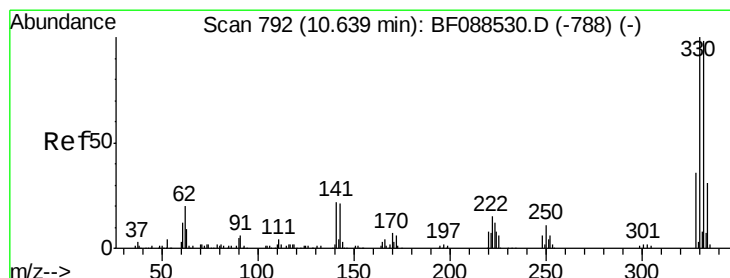
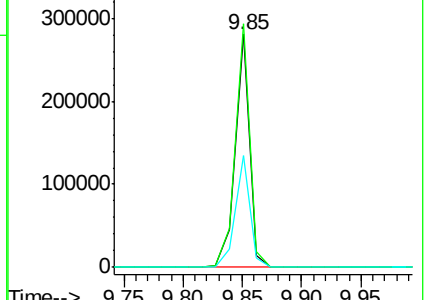
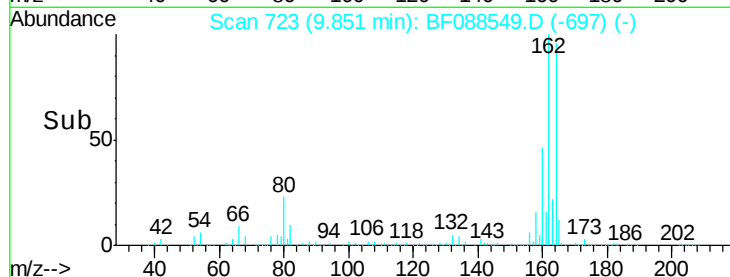
160 47.7 39.5 59.3



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: 120.80 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

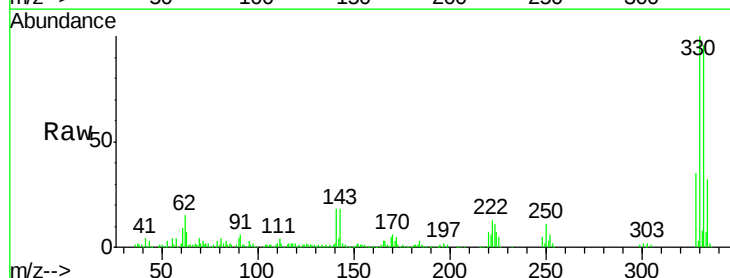
Tgt Ion:330 Resp: 261157

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

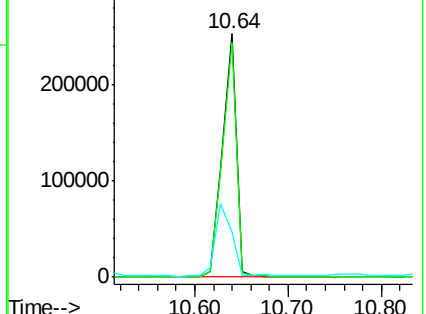
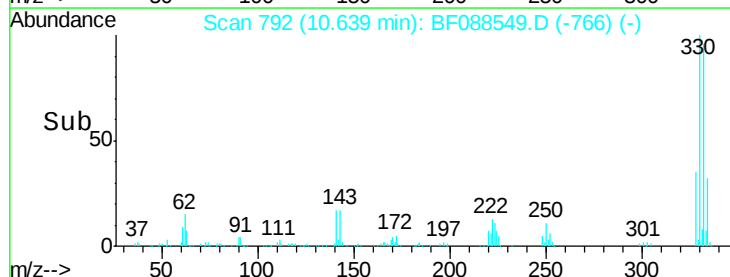
141 36.0 0.0 0.0#

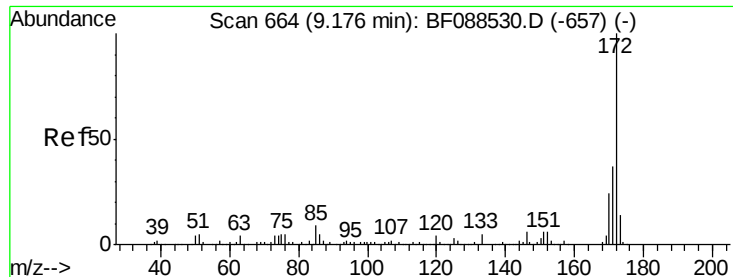


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

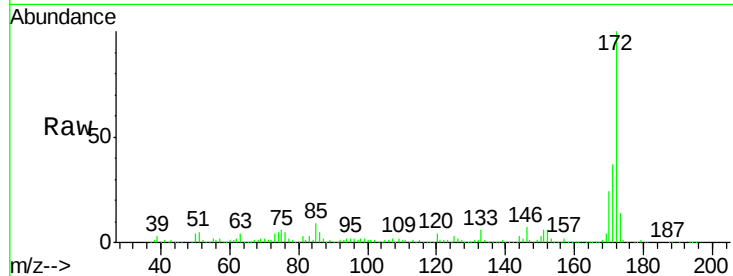




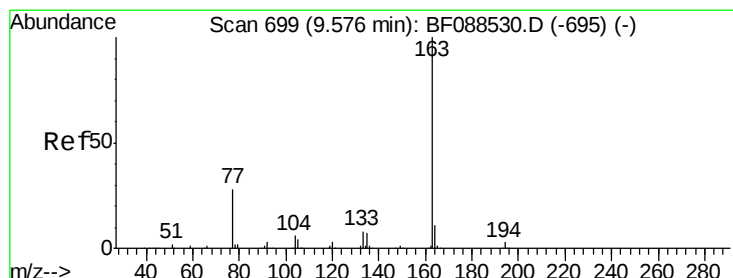
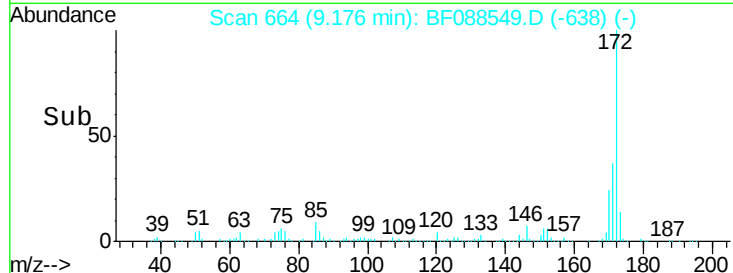
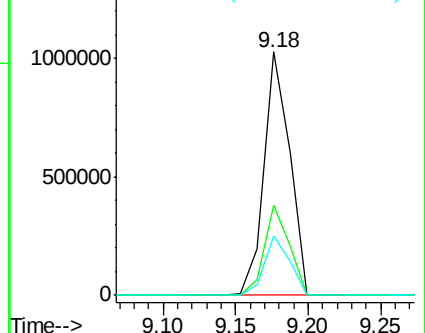
#44
2-Fluorobiphenyl
Concen: 85.35 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088549.D
Acq: 1 Jul 2016 00:50

Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

Tgt Ion:172 Resp: 1258021
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.3 19.2 28.8

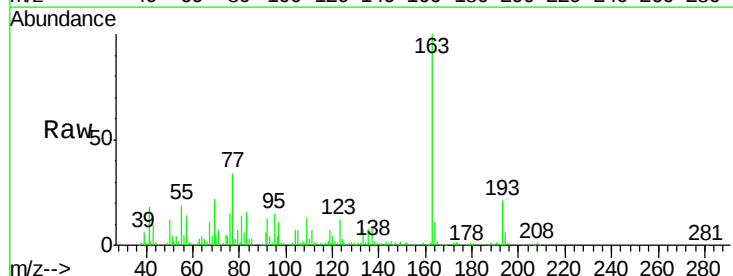


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

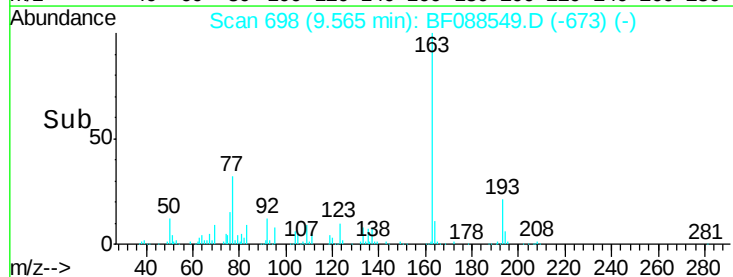
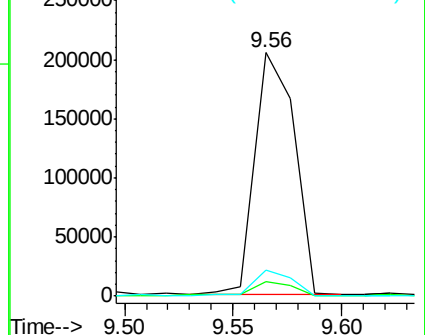


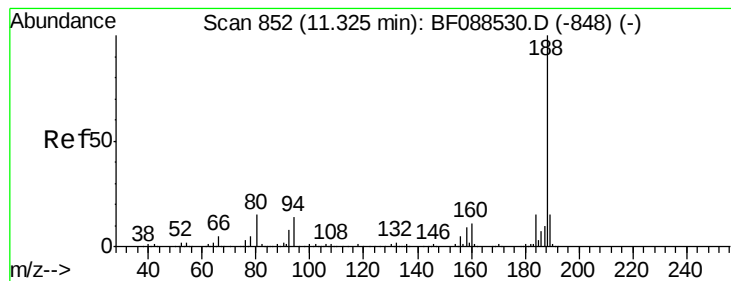
#49
Dimethylphthalate
Concen: 15.69 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088549.D
Acq: 1 Jul 2016 00:50

Tgt Ion:163 Resp: 260305
Ion Ratio Lower Upper
163 100
194 5.9 2.8 4.2#
164 10.7 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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

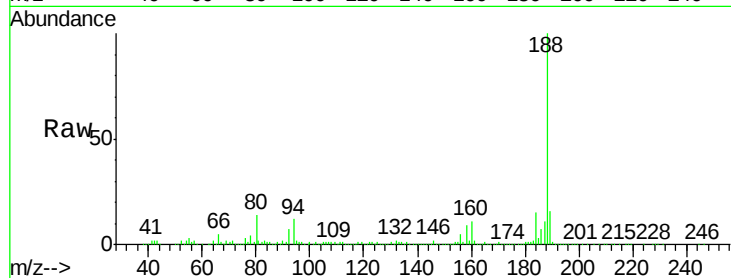
Tgt Ion:188 Resp: 369903

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

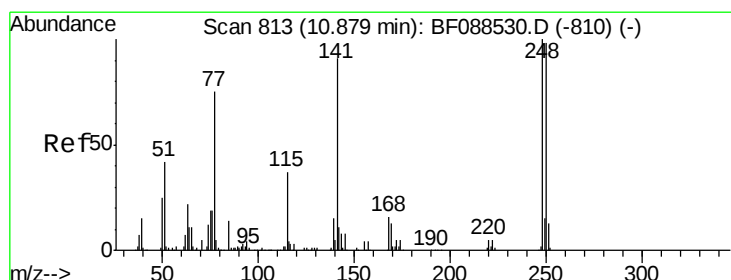
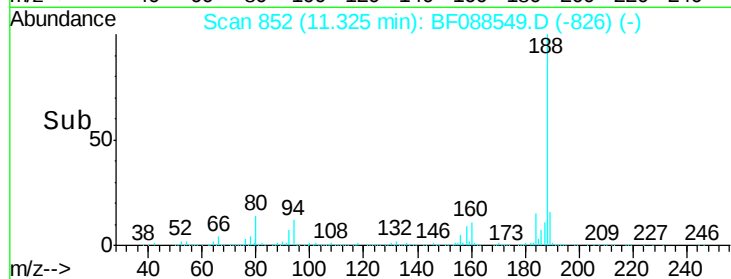
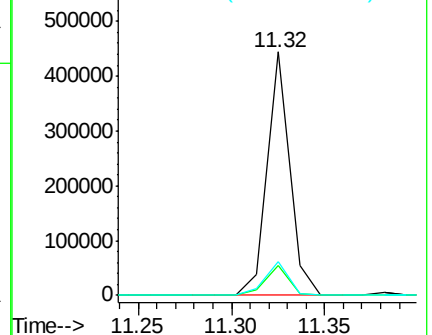
80 13.9 10.0 15.0



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



#66

4-Bromophenyl-phenylether

Concen: 4.37 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.24 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

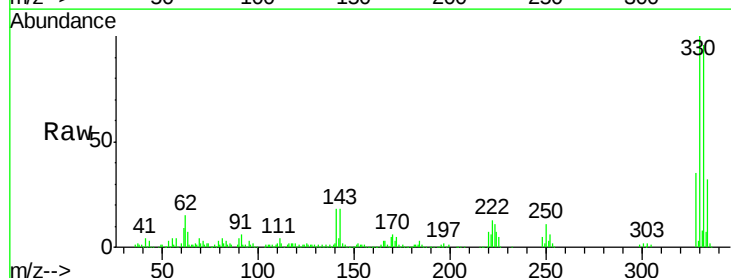
Tgt Ion:248 Resp: 16304

Ion Ratio Lower Upper

248 100

250 204.3 77.1 115.7#

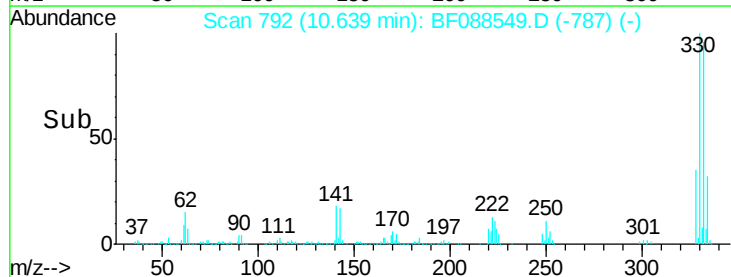
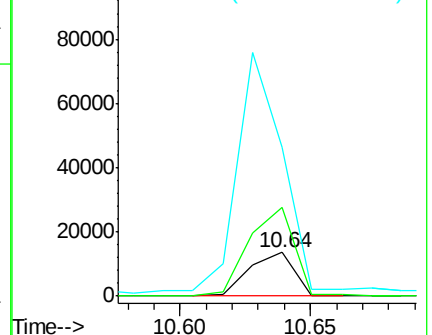
141 343.2 50.6 76.0#

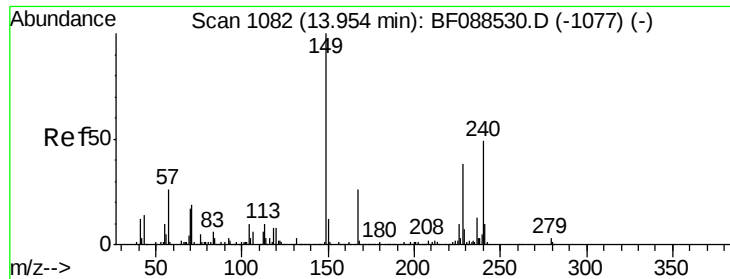


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

Instrument :

BNA_F

ClientSampleId :

B1409-TP01W-1224

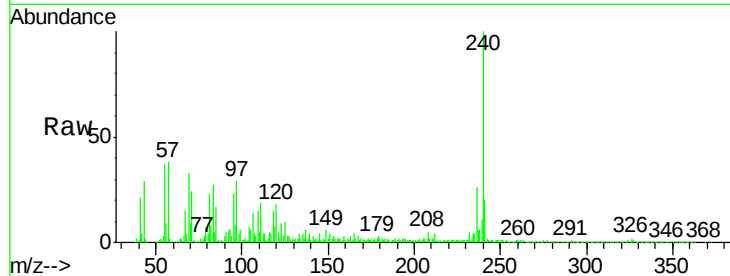
Tgt Ion:240 Resp: 223143

Ion Ratio Lower Upper

240 100

120 17.7 6.8 10.2#

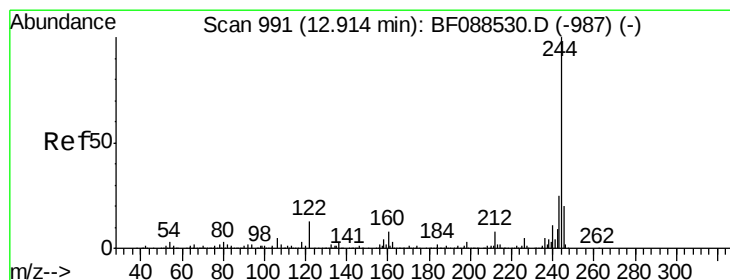
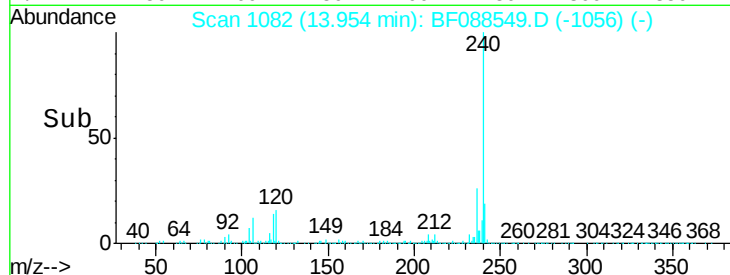
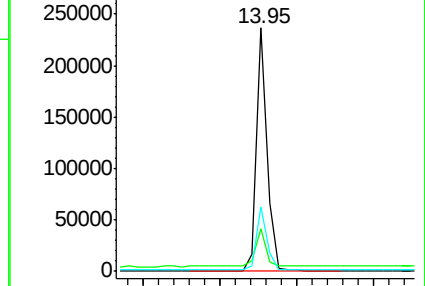
236 26.4 20.2 30.2



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: 75.20 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088549.D

Acq: 1 Jul 2016 00:50

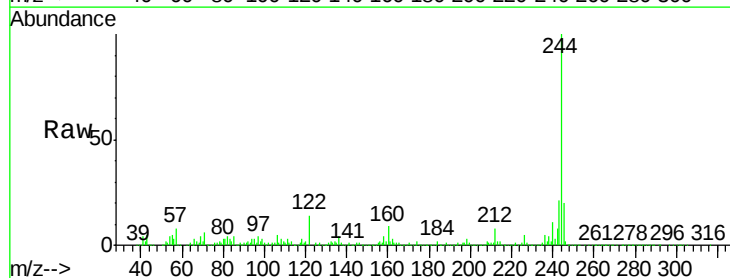
Tgt Ion:244 Resp: 753417

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

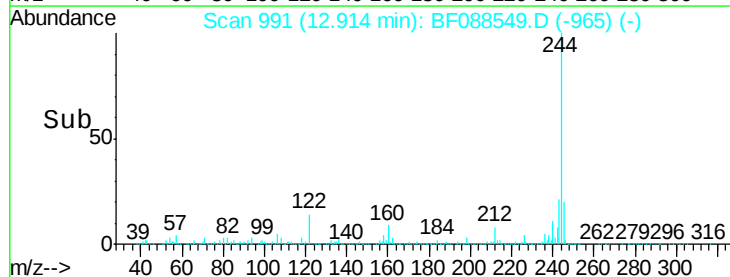
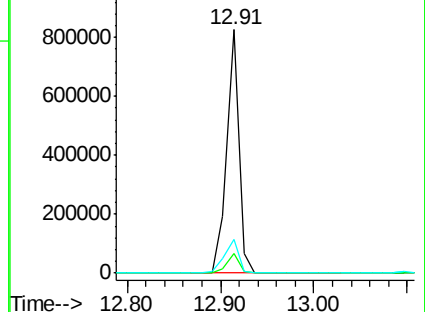
122 14.0 11.2 16.8

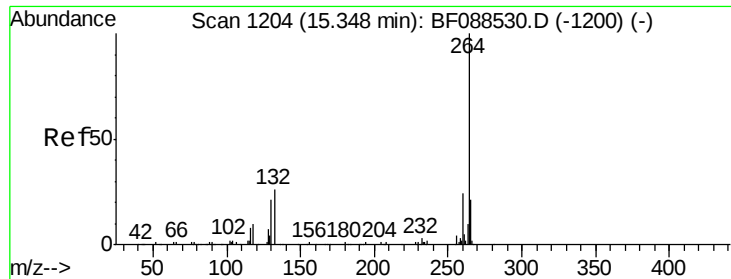


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF088549.D
Acq: 1 Jul 2016 00:50

Instrument :
BNA_F
ClientSampleId :
B1409-TP01W-1224

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	16.9	25.3

