

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088955.D
 Acq On : 13 Jul 2016 10:29
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 13:05:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

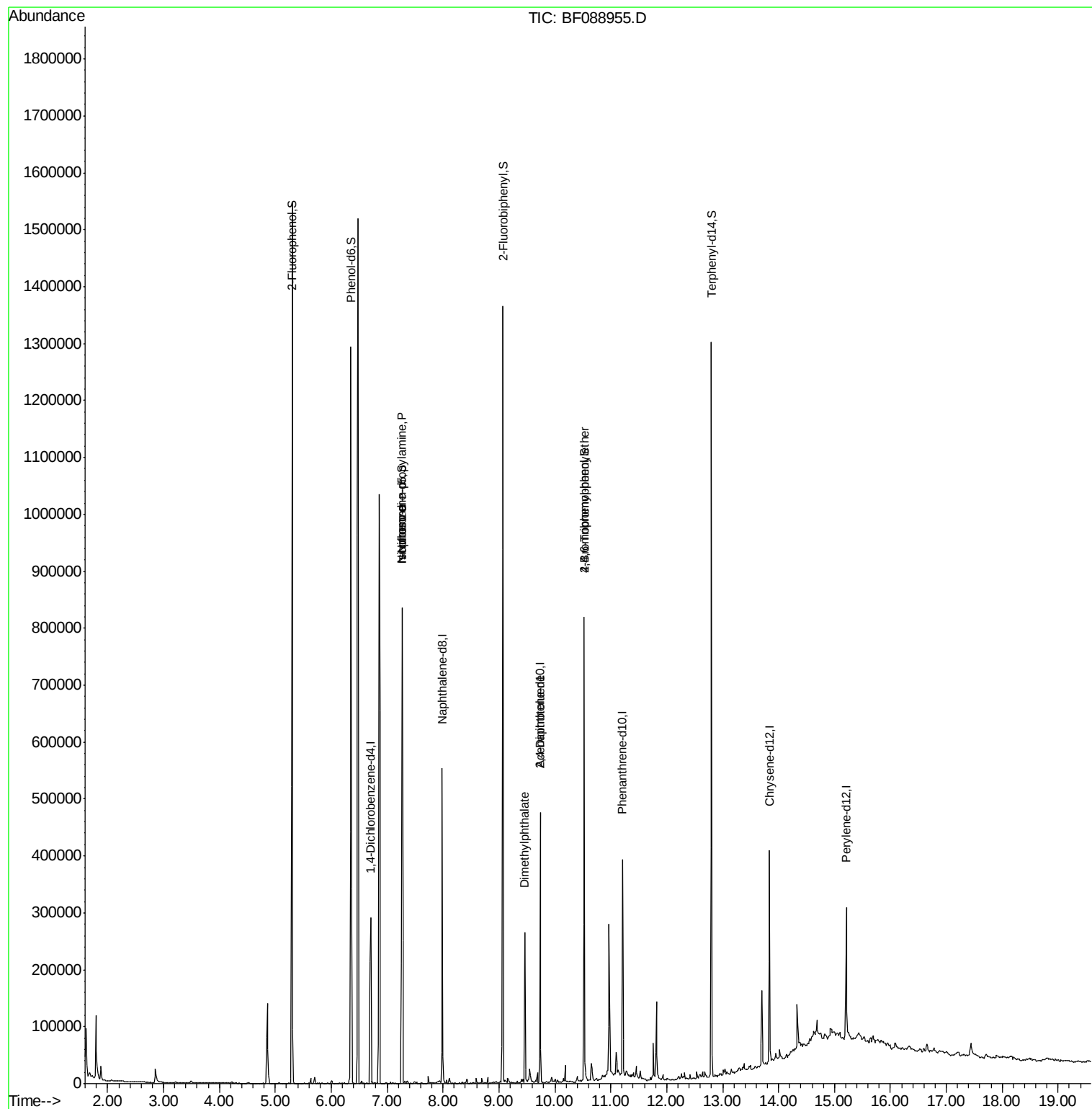
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	58046	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	215508	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	82674	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	125028	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	129629	20.00	ng	-0.01
86) Perylene-d12	15.21	264	92679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	419901	108.42	ng	0.01
7) Phenol-d6	6.35	99	517451	103.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	313027	76.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	89137	116.11	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	557310	106.48	ng	0.00
78) Terphenyl-d14	12.80	244	375974	64.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	42559	12.66	ng	# 73
25) Isophorone	7.27	82	260548	34.20	ng	# 65
49) Dimethylphthalate	9.46	163	90903	15.43	ng	99
56) 2,4-Dinitrotoluene	9.74	165	10767	6.31	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	6698	5.32	ng	# 1

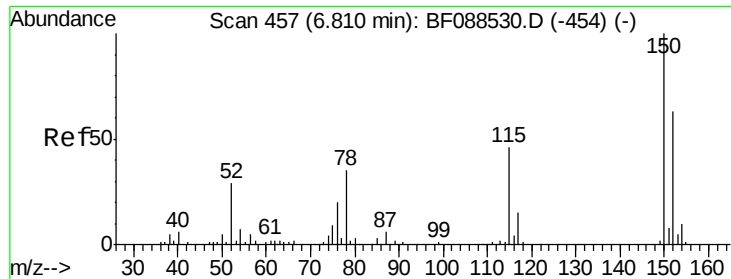
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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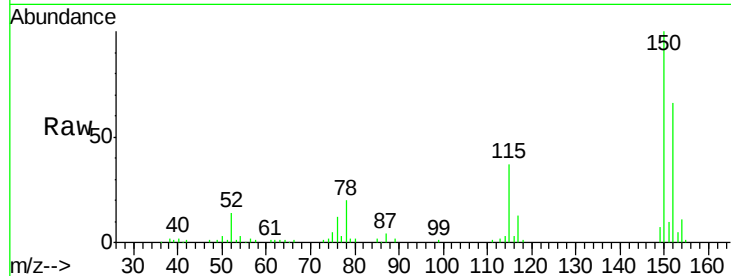




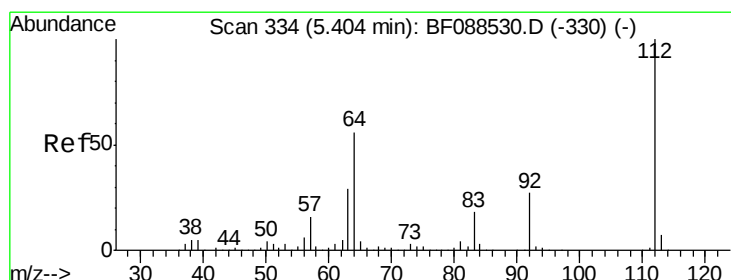
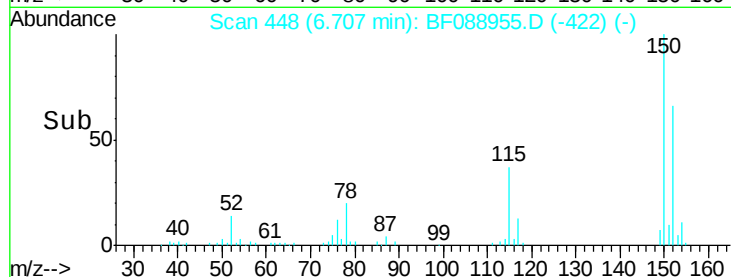
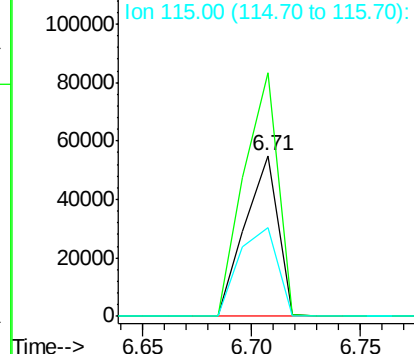
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 58046
 Ion Ratio Lower Upper
 152 100
 150 151.4 123.8 185.6
 115 55.6 39.6 59.4

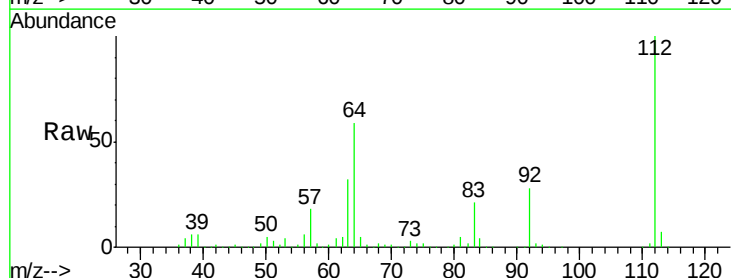


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

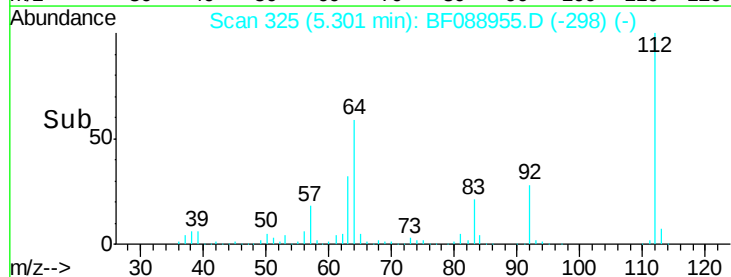
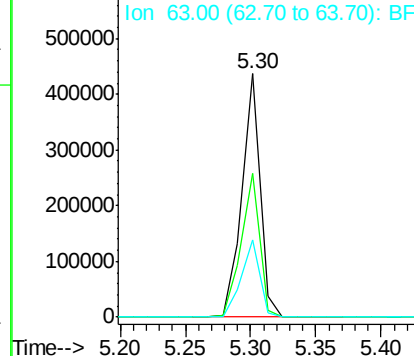


#5
 2-Fluorophenol
 Concen: 108.42 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Tgt Ion:112 Resp: 419901
 Ion Ratio Lower Upper
 112 100
 64 58.9 42.2 63.2
 63 31.8 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: 103.40 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

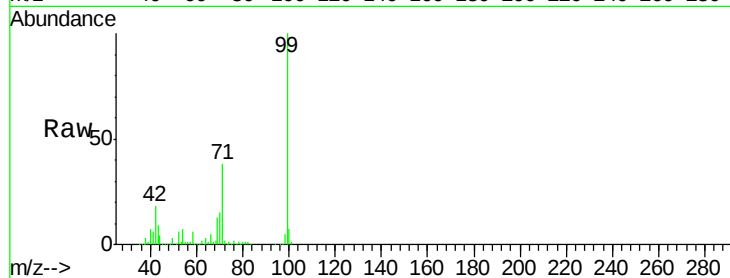
Tot Ion: 99 Resp: 517451

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 38.0 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

6.35

400000

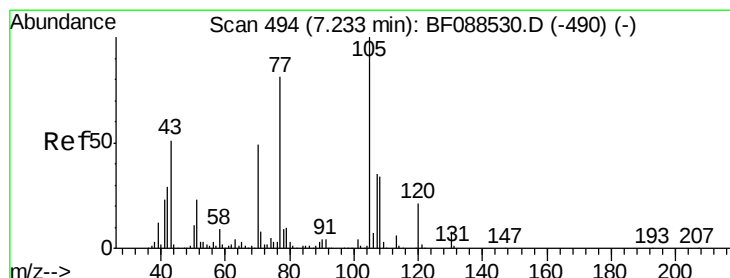
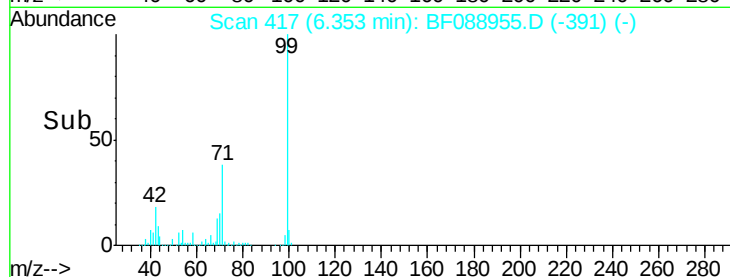
300000

200000

100000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.66 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Tgt Ion: 70 Resp: 42559

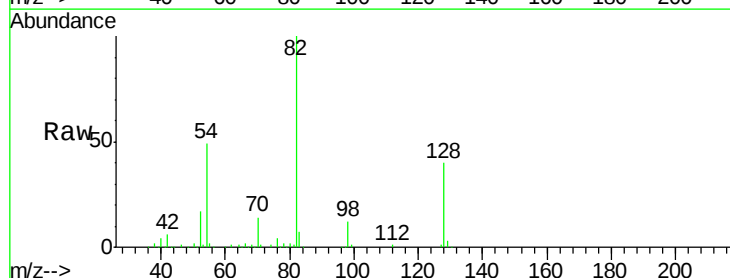
Ion Ratio Lower Upper

70 100

42 43.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

7.27

40000

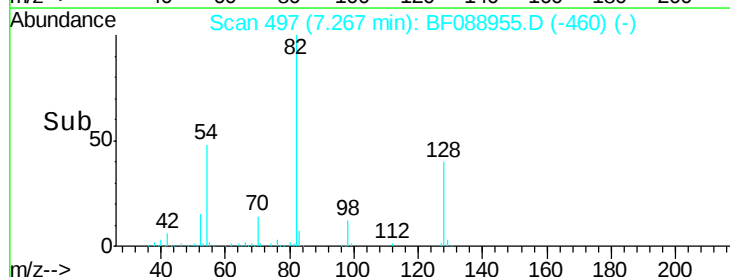
30000

20000

10000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 215508

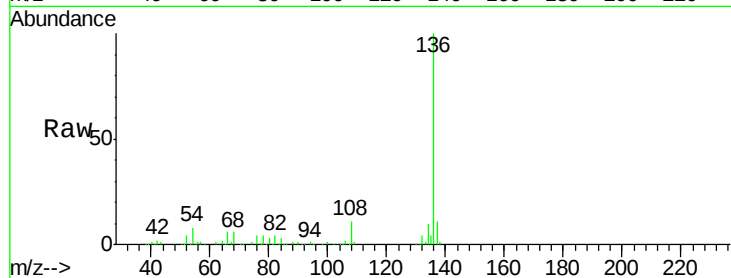
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.7 6.6 10.0

68 6.1 5.1 7.7

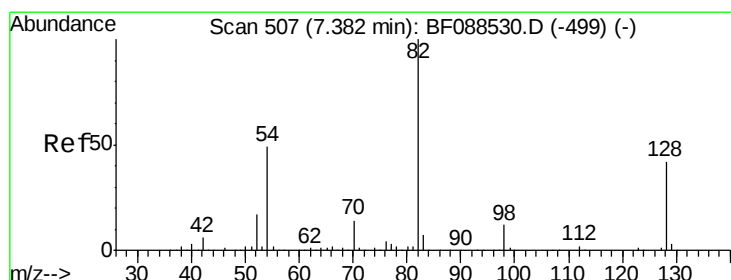
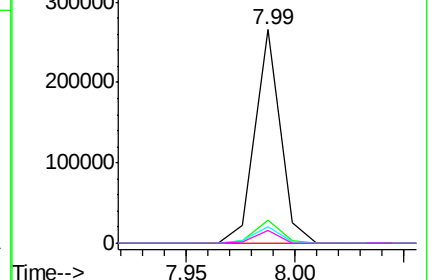
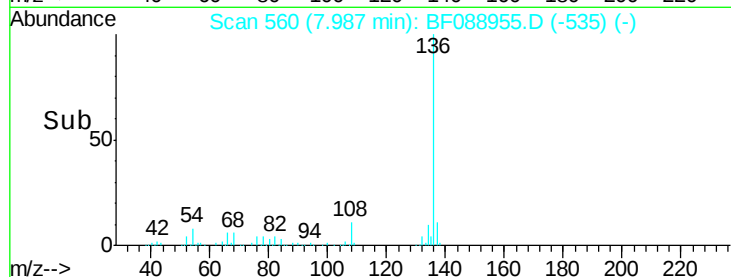


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.12 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

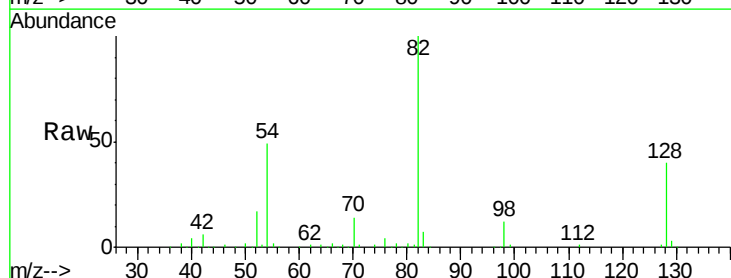
Tgt Ion: 82 Resp: 313027

Ion Ratio Lower Upper

82 100

128 40.0 35.9 53.9

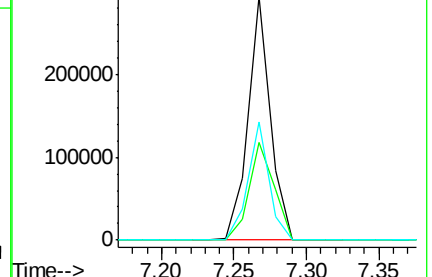
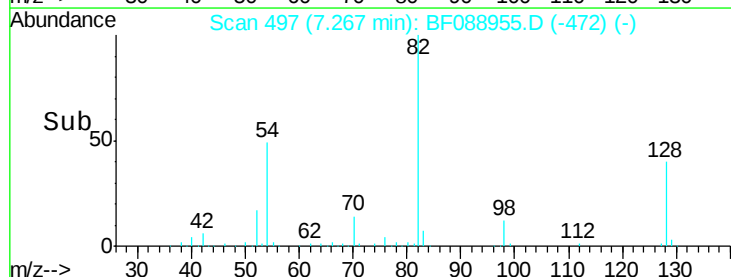
54 48.7 40.9 61.3

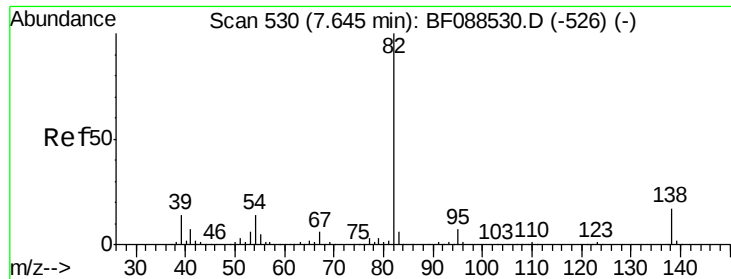


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.20 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

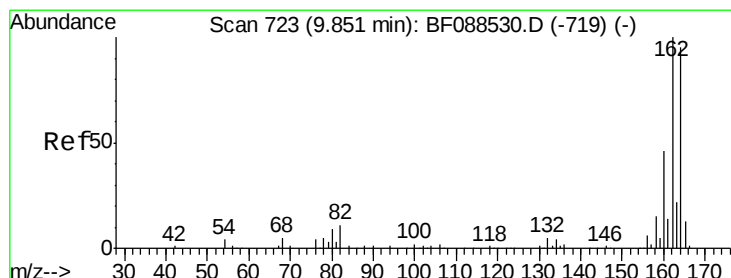
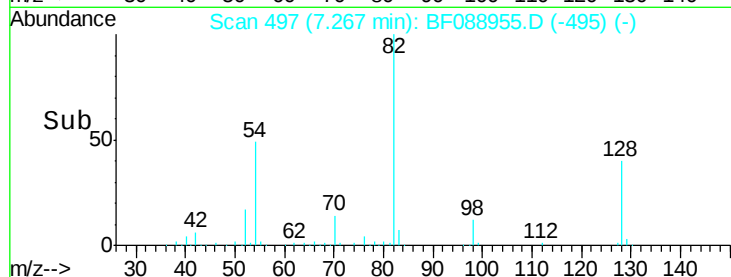
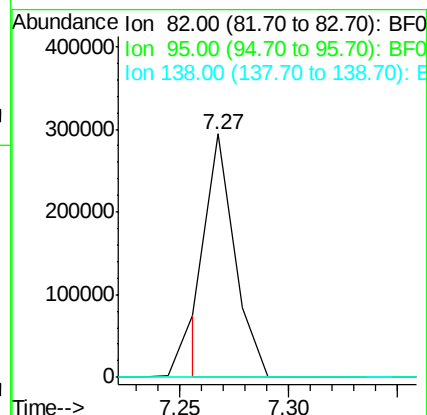
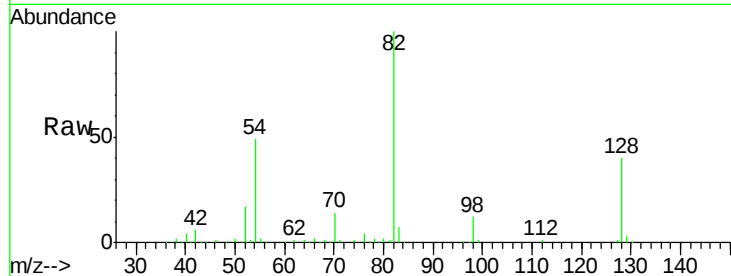
Tot Ion: 82 Resp: 260548

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

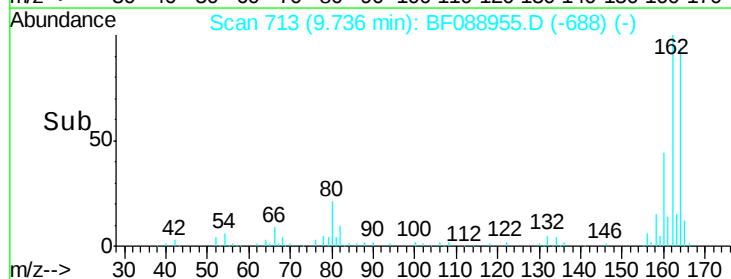
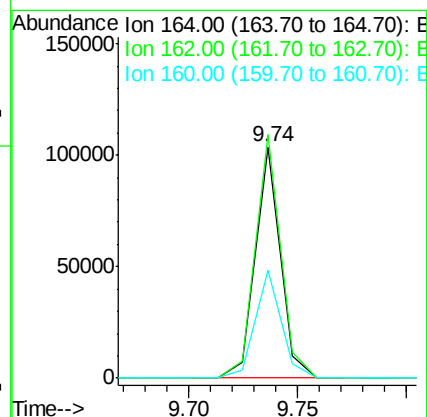
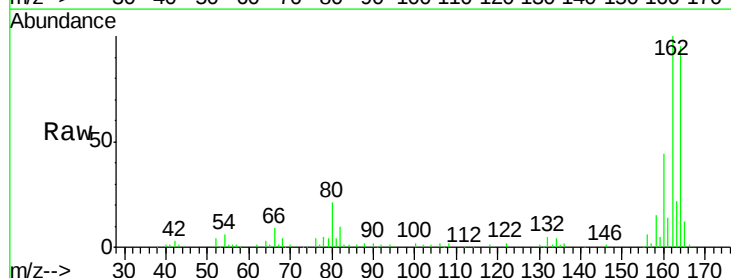
Tgt Ion: 164 Resp: 82674

Ion Ratio Lower Upper

164 100

162 105.4 85.4 128.2

160 46.6 39.5 59.3

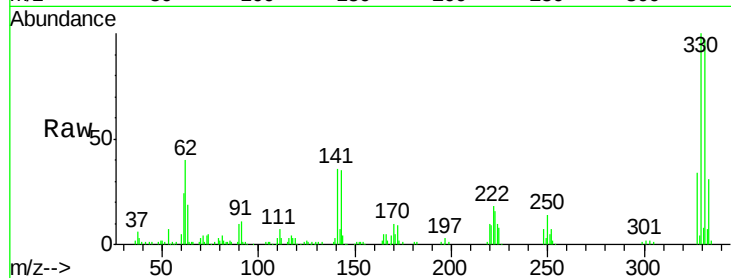




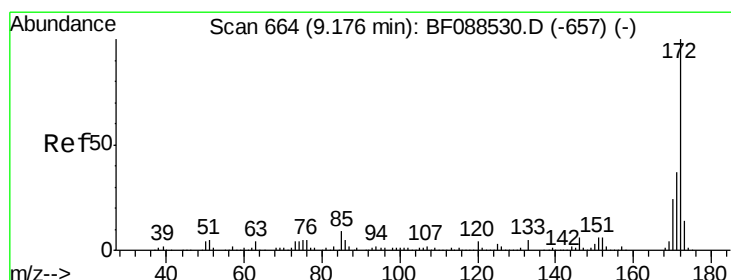
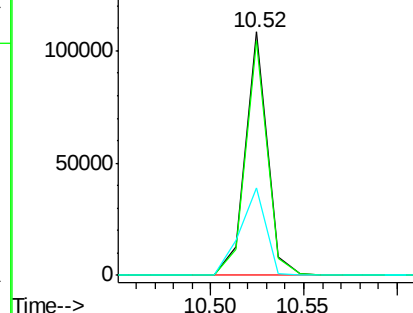
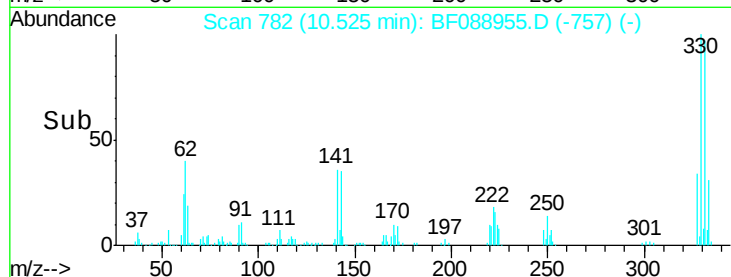
#41
 2,4,6-Tribromophenol
 Concen: 116.11 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	42.6	0.0	0.0#

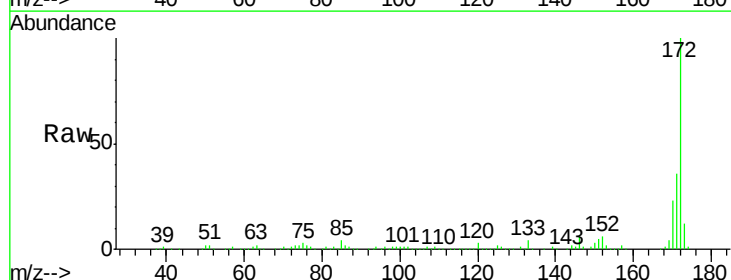


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

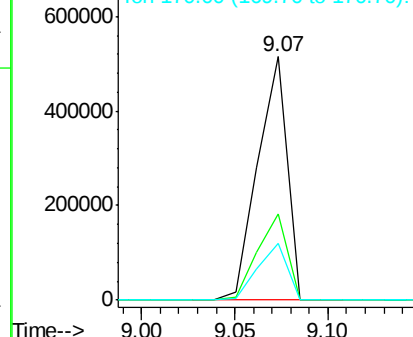
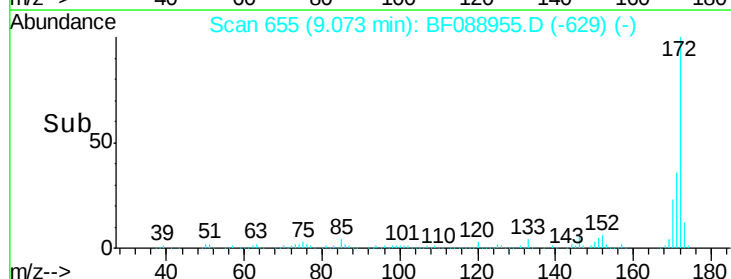


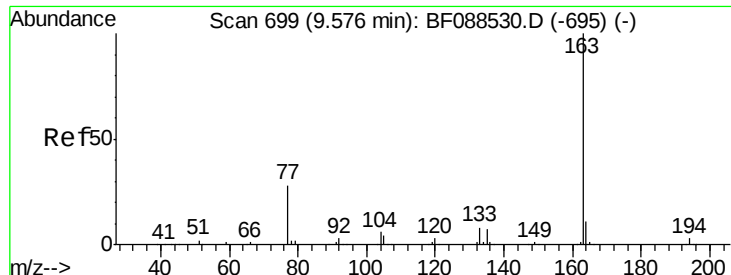
#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

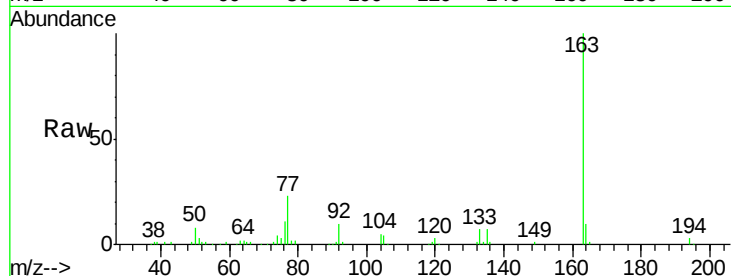




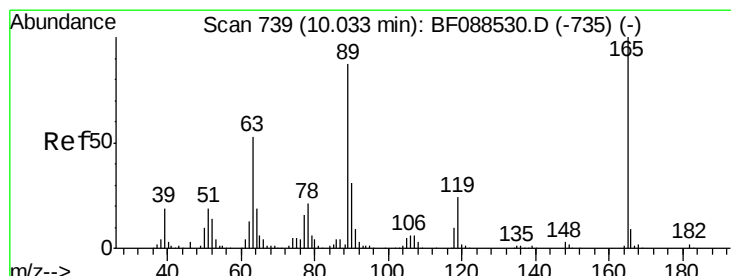
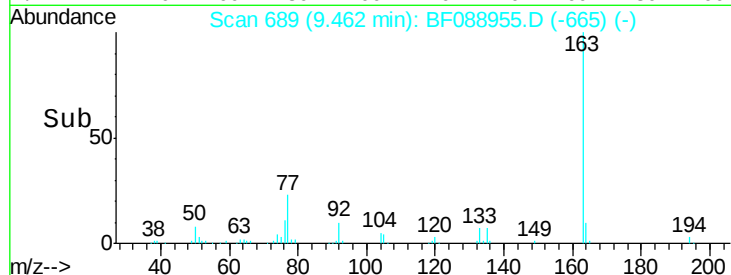
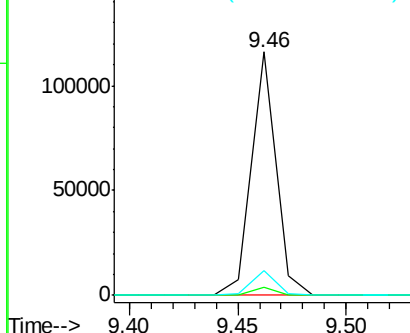
#49
Dimethylphthalate
Concen: 15.43 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088955.D
Acq: 13 Jul 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 90903
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5

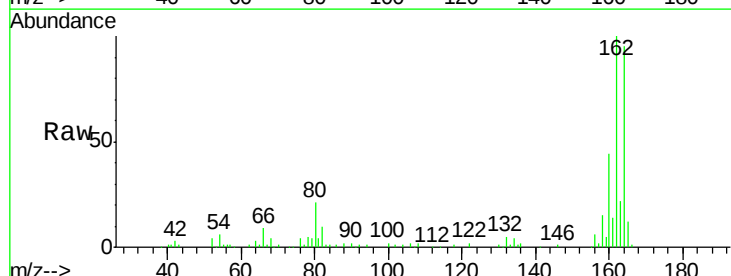


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

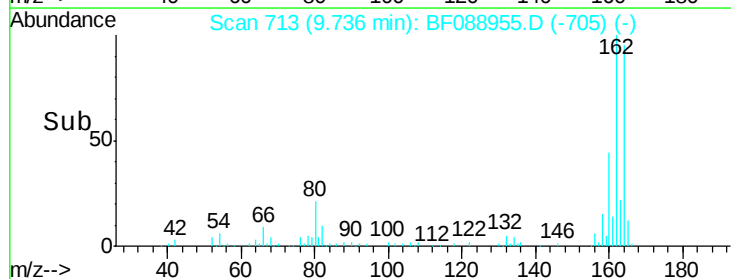
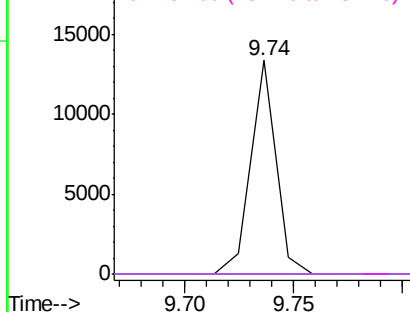


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.21 min
Lab File: BF088955.D
Acq: 13 Jul 2016 10:29

Tgt Ion:165 Resp: 10767
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

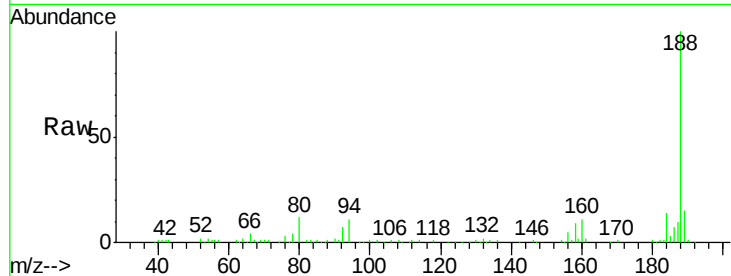




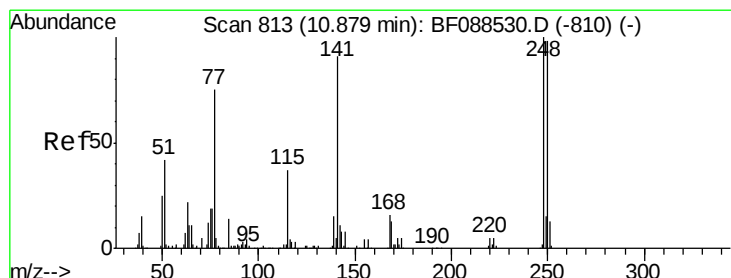
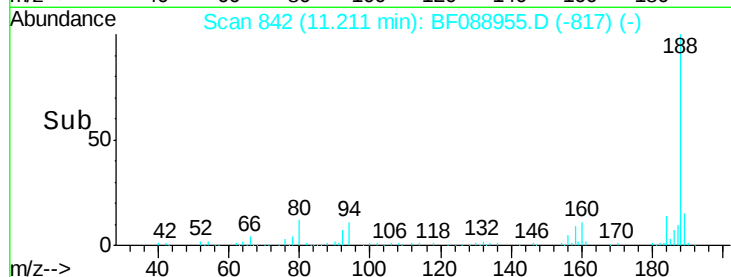
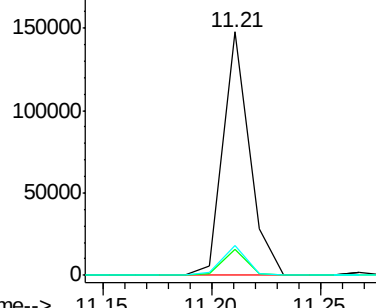
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 125028
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.0 13.6
 80 12.4 10.0 15.0

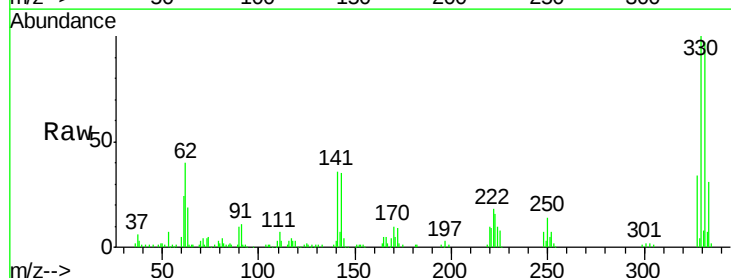


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

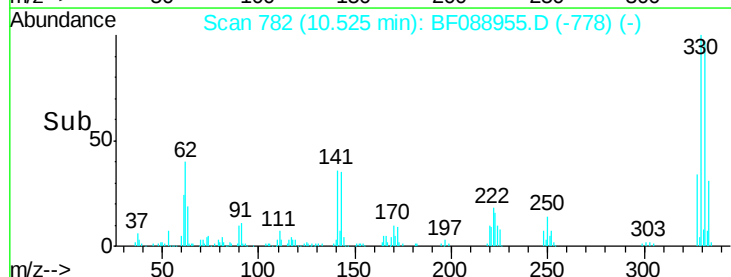
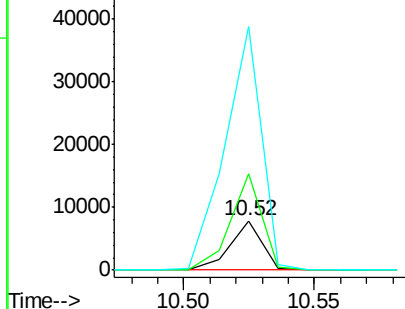


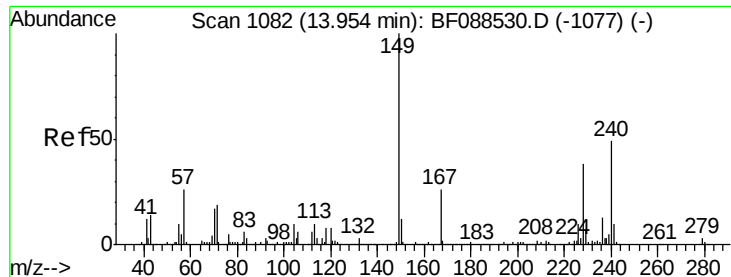
#66
 4-Bromophenyl-phenylether
 Concen: 5.32 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Tgt Ion:248 Resp: 6698
 Ion Ratio Lower Upper
 248 100
 250 196.8 77.1 115.7#
 141 495.5 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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088955.D

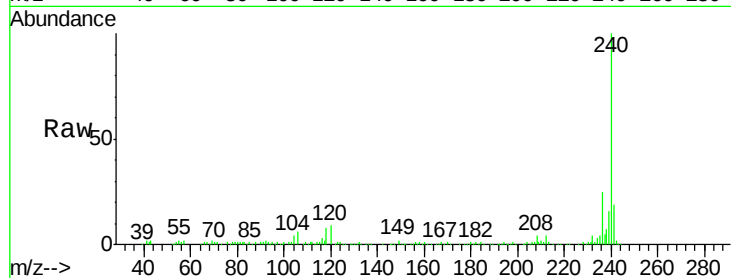
Acq: 13 Jul 2016 10:29

Instrument :

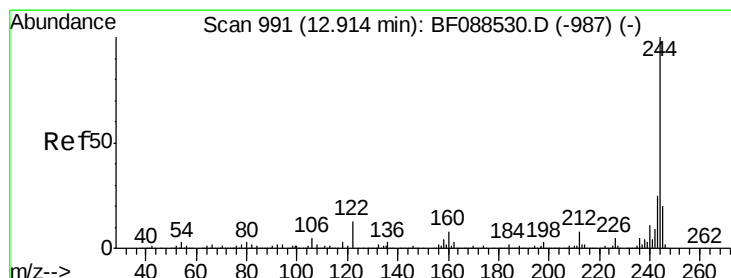
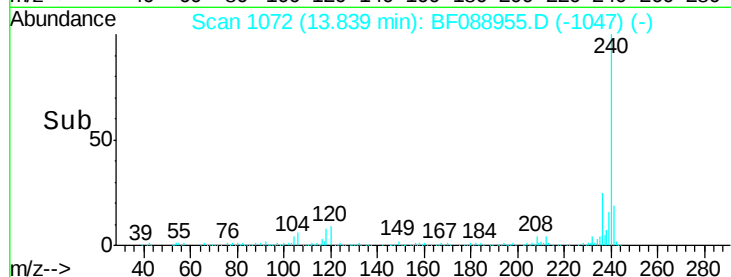
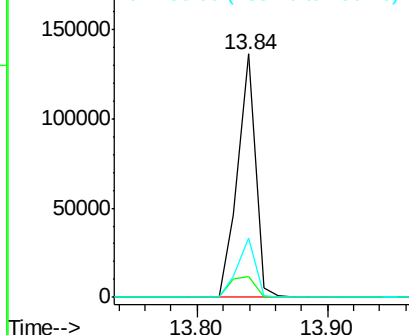
BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	129629
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.8	10.2
236	24.6	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: 64.60 ng

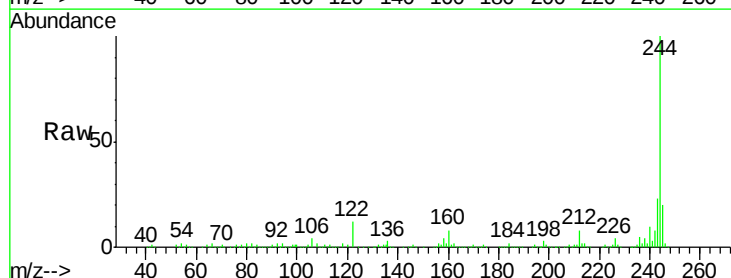
RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

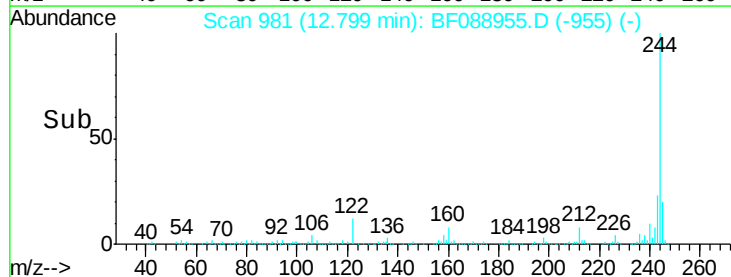
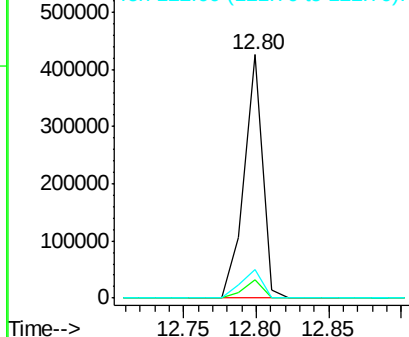
Lab File: BF088955.D

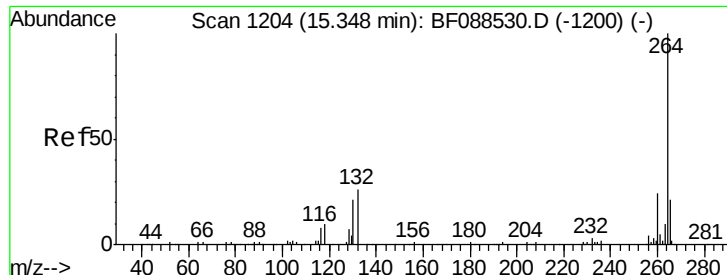
Acq: 13 Jul 2016 10:29

Tgt Ion:	244	Resp:	375974
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	11.6	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

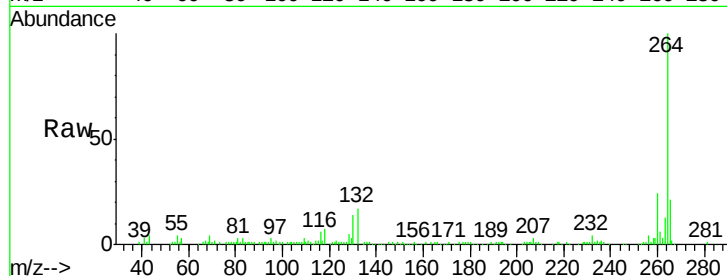




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088955.D
Acq: 13 Jul 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

