

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088949.D
 Acq On : 13 Jul 2016 7:18
 Operator : UM/SJ
 Sample : H3947-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Quant Time: Jul 13 07:53:02 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

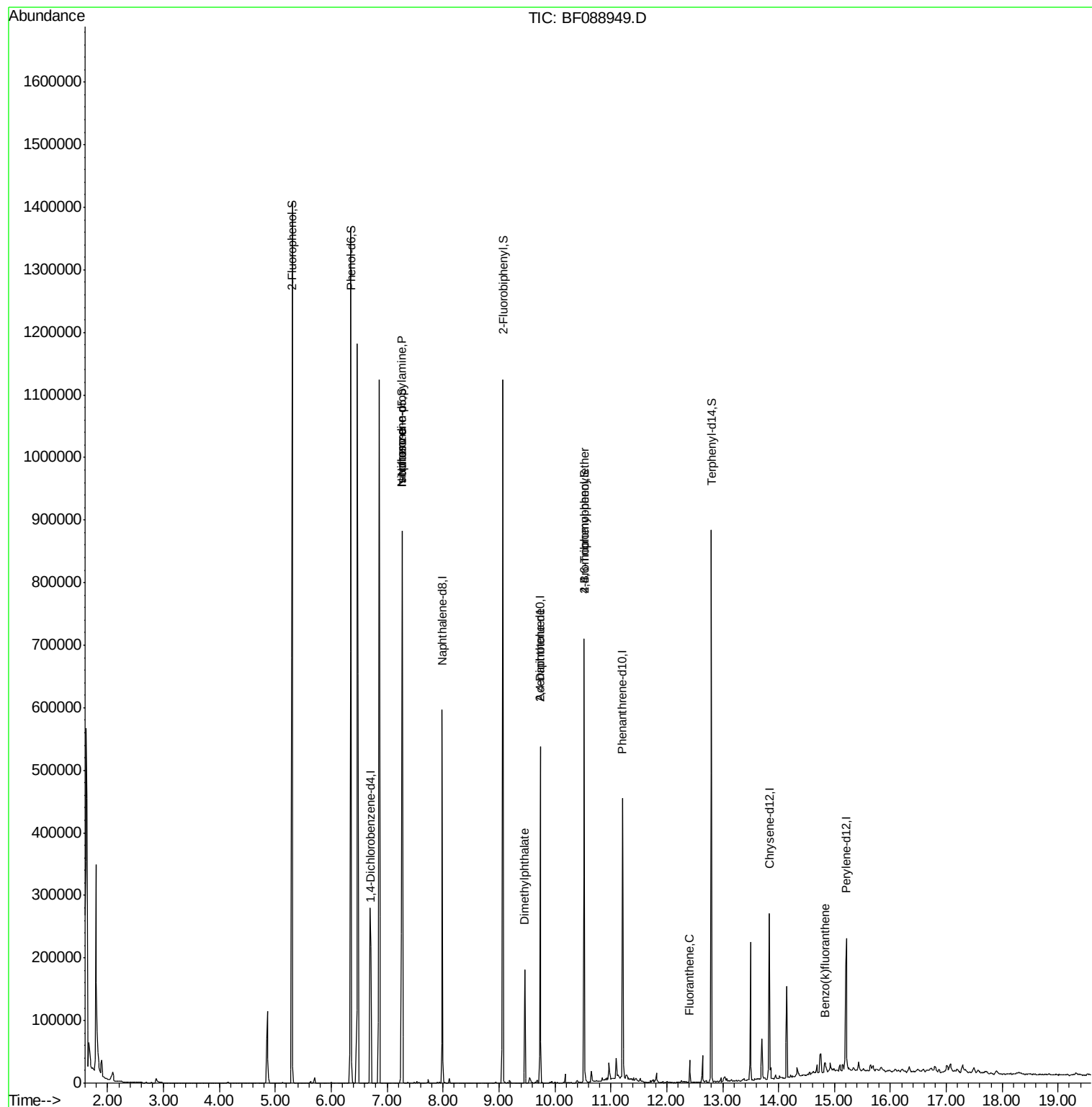
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	56214	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	234848	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	94333	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	143051	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	123991	20.00	ng	-0.01
86) Perylene-d12	15.21	264	105337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	415027	110.65	ng	0.01
7) Phenol-d6	6.35	99	523507	108.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	291889	65.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	89135	101.75	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	498797	83.52	ng	0.00
78) Terphenyl-d14	12.80	244	312029	56.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	40454	12.43	ng	# 74
25) Isophorone	7.27	82	231597	27.90	ng	# 65
49) Dimethylphthalate	9.46	163	64282	9.56	ng	100
56) 2,4-Dinitrotoluene	9.74	165	12054	6.19	ng	# 37
66) 4-Bromophenyl-phenylether	10.52	248	6113	4.24	ng	# 1
74) Fluoranthene	12.41	202	16557	2.09	ng	97
88) Benzo(k)fluoranthene	14.83	252	12132	2.11	ng	97

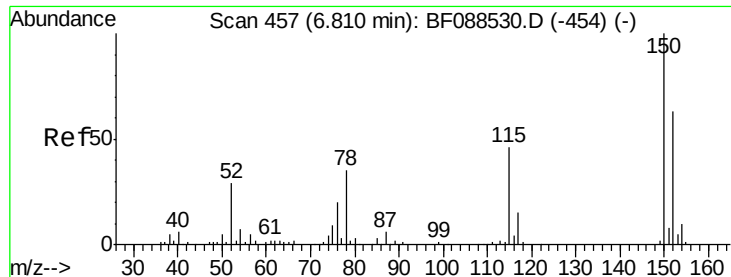
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088949.D

Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

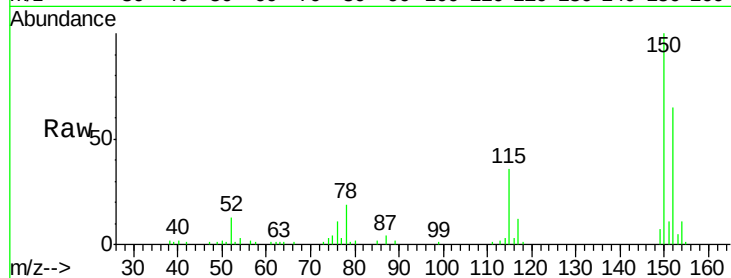
Tgt Ion:152 Resp: 56214

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

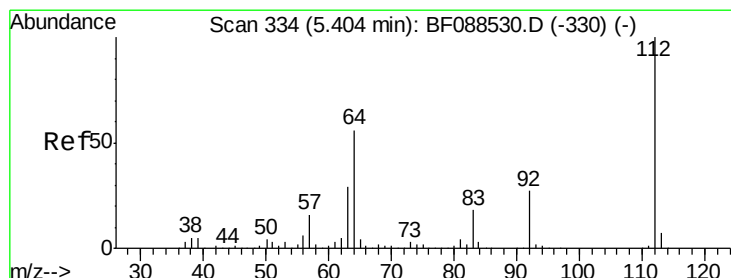
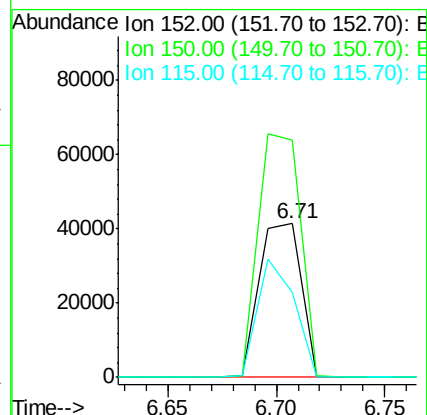
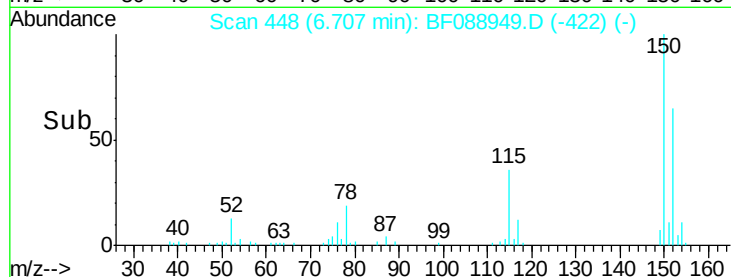
115 55.0 39.6 59.4



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: 110.65 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

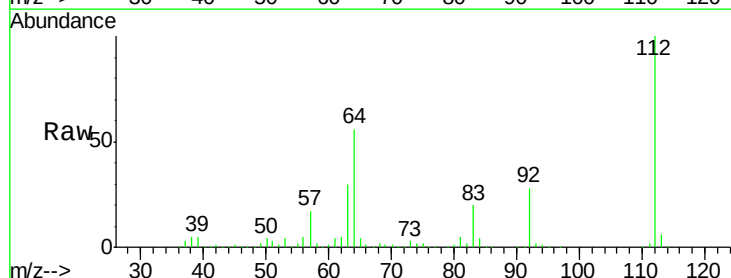
Tgt Ion:112 Resp: 415027

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

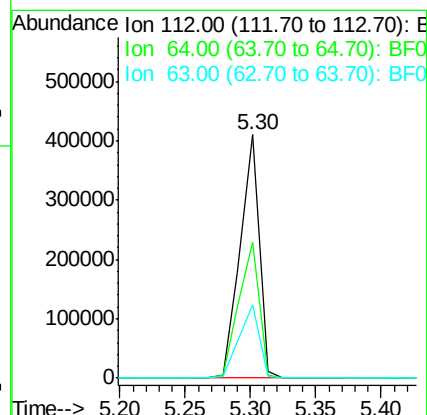
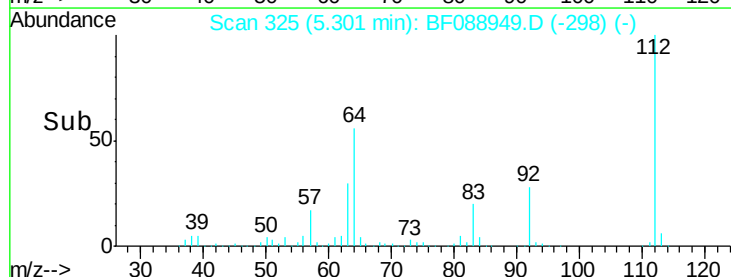
63 30.4 21.8 32.8

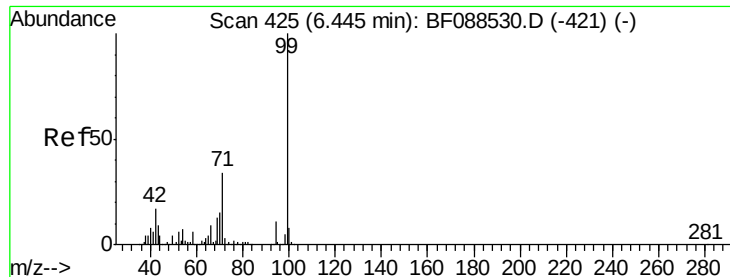


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.02 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

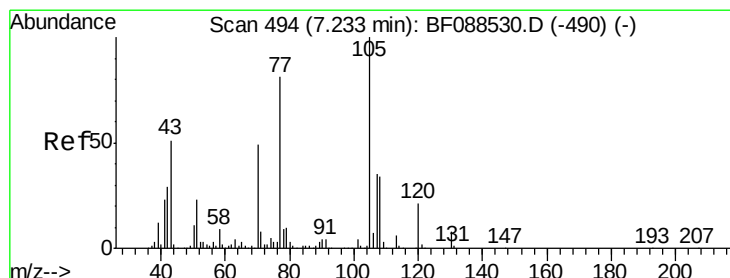
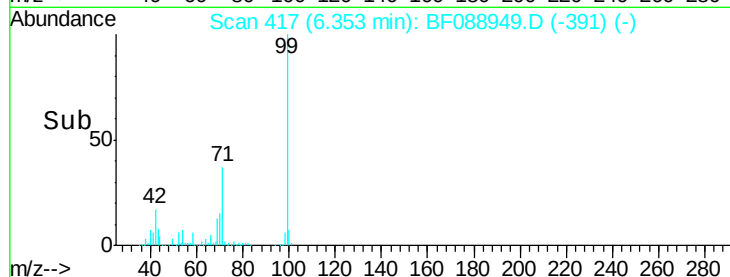
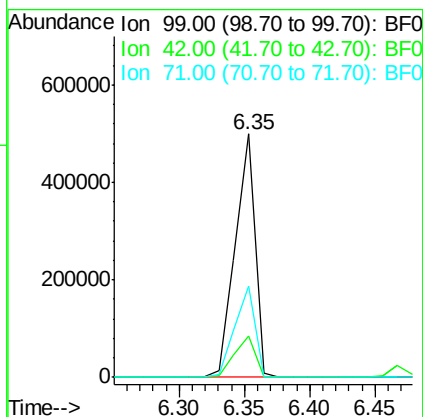
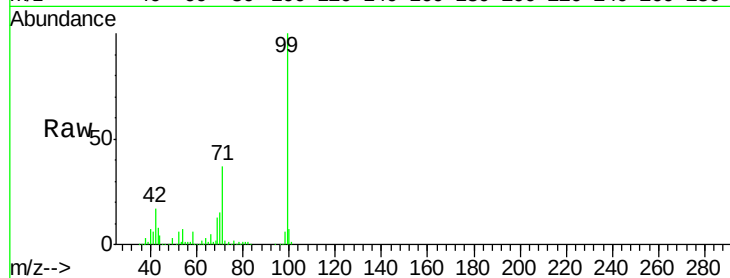
Tgt Ion: 99 Resp: 523507

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 37.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.43 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Tgt Ion: 70 Resp: 40454

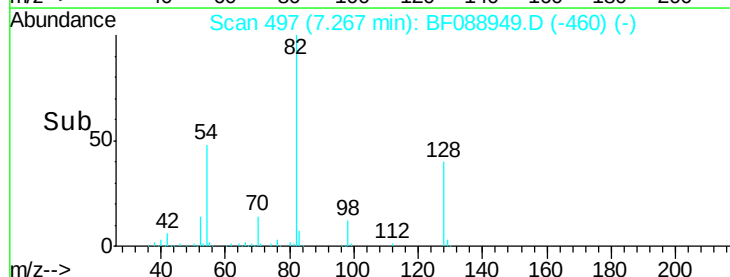
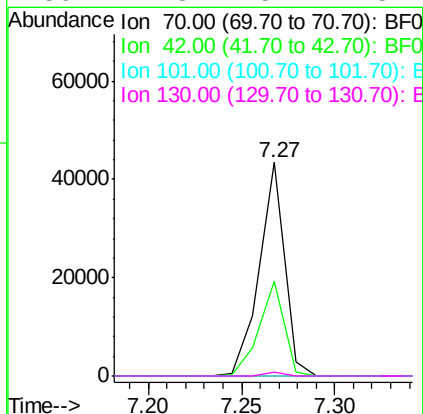
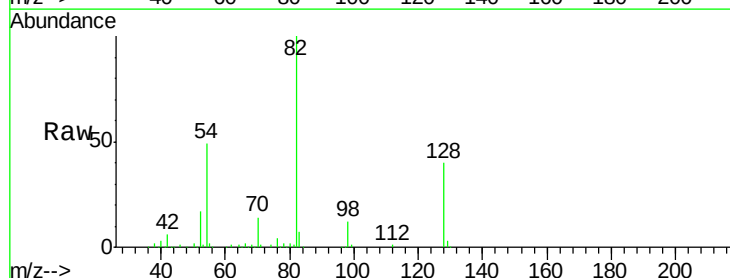
Ion Ratio Lower Upper

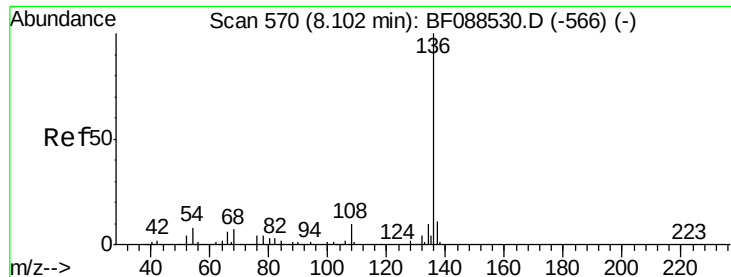
70 100

42 44.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

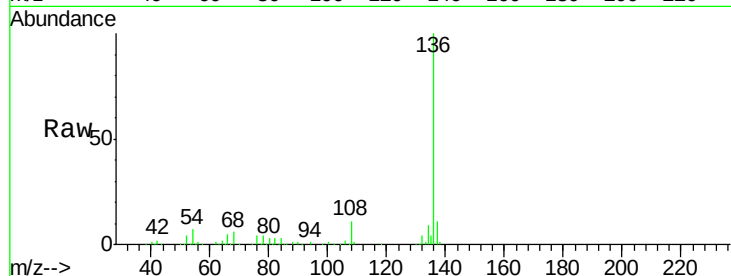




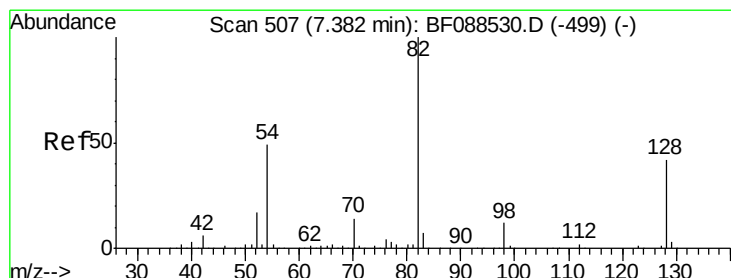
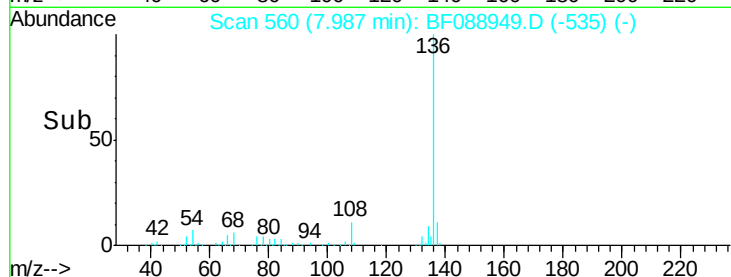
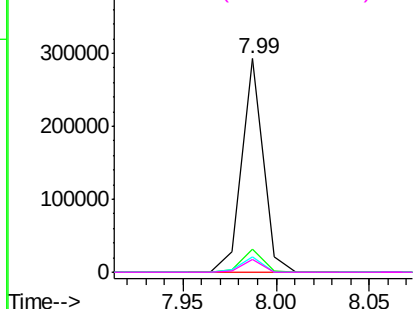
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

Tgt Ion:	136	Resp:	234848
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.4	6.6	10.0
68	6.0	5.1	7.7

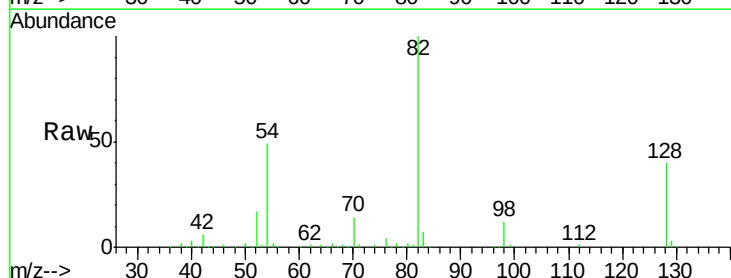


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

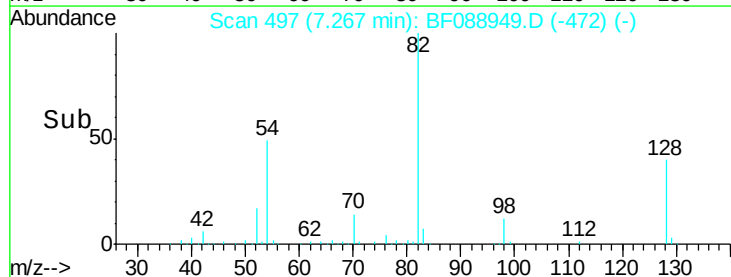
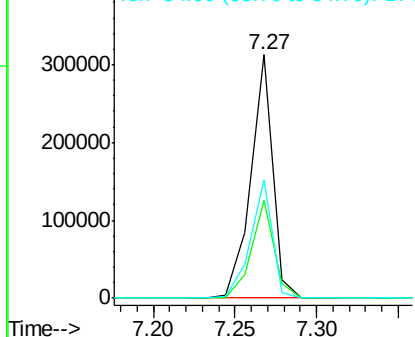


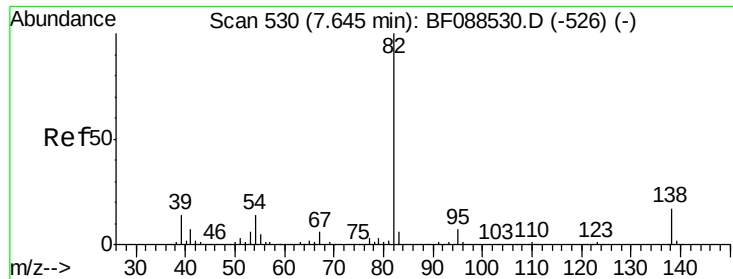
#23
Nitrobenzene-d5
Concen: 65.13 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

Tgt Ion:	82	Resp:	291889
Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.9	53.9
54	48.6	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

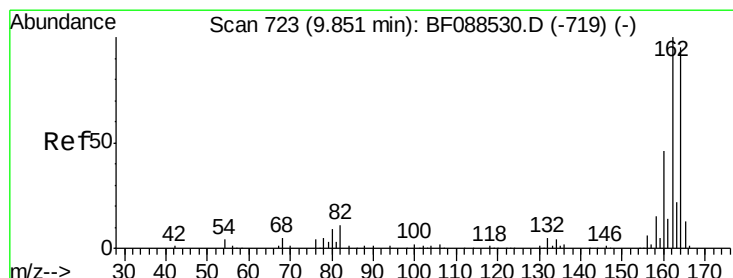
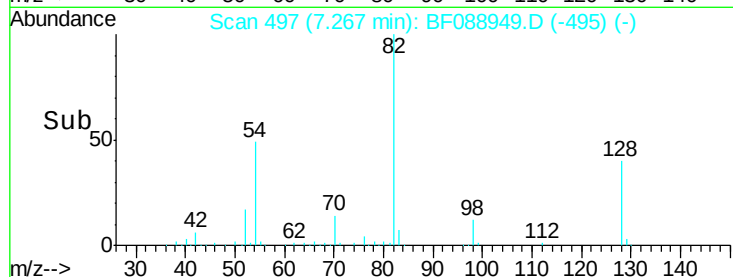
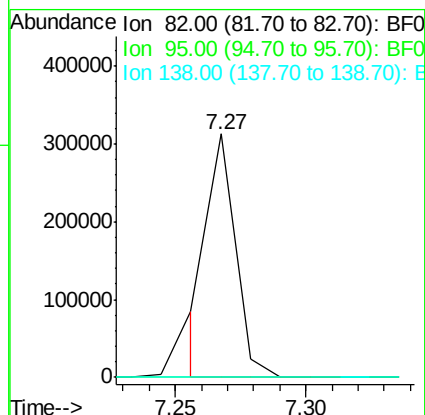
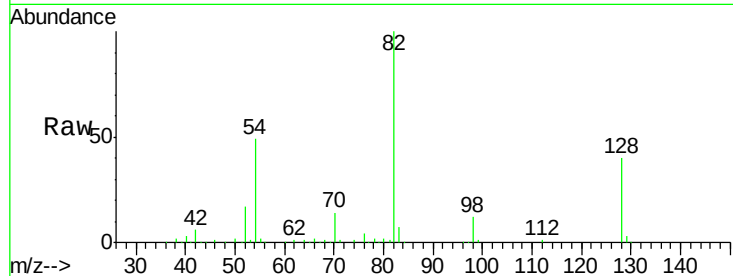




#25
Isophorone
Concen: 27.90 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

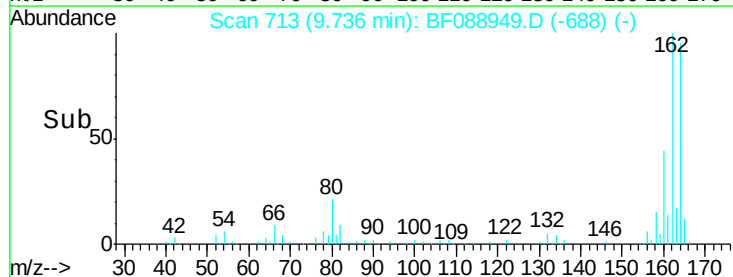
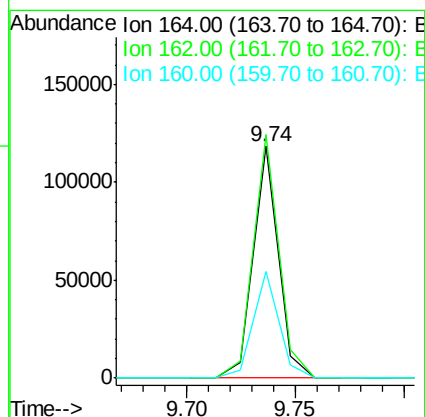
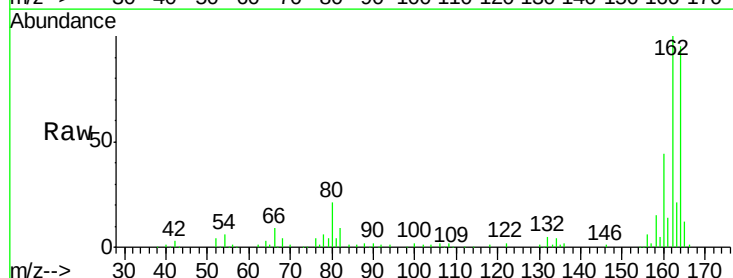
Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

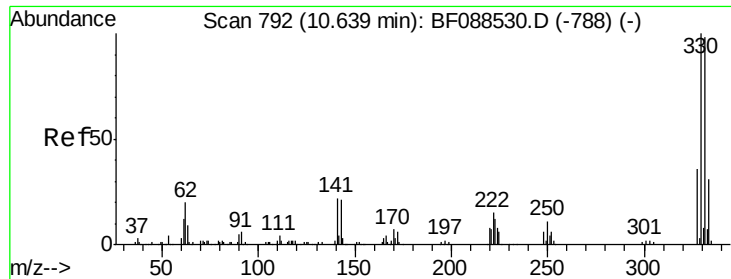
Tgt Ion: 82 Resp: 231597
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

Tgt Ion: 164 Resp: 94333
Ion Ratio Lower Upper
164 100
162 105.0 85.4 128.2
160 46.1 39.5 59.3

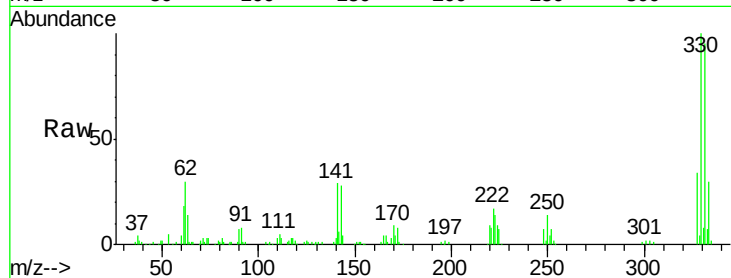




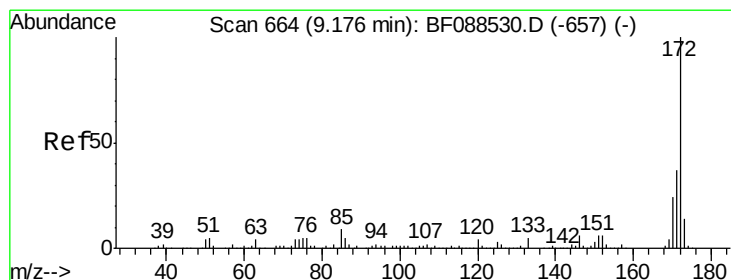
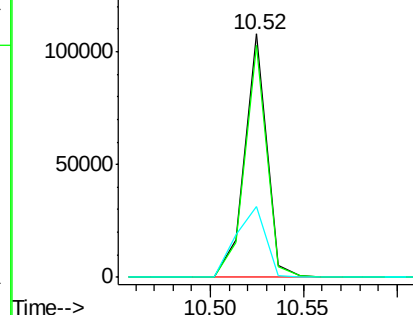
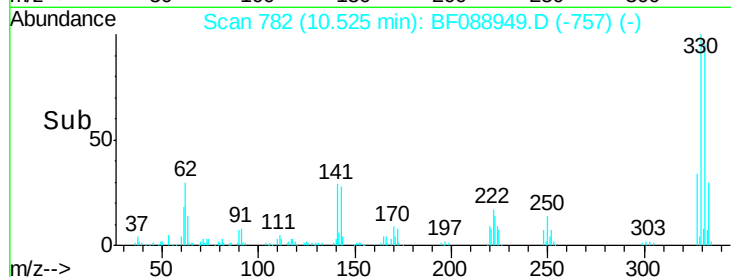
#41
 2,4,6-Tribromophenol
 Concen: 101.75 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088949.D
 Acq: 13 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	39.3	0.0	0.0#

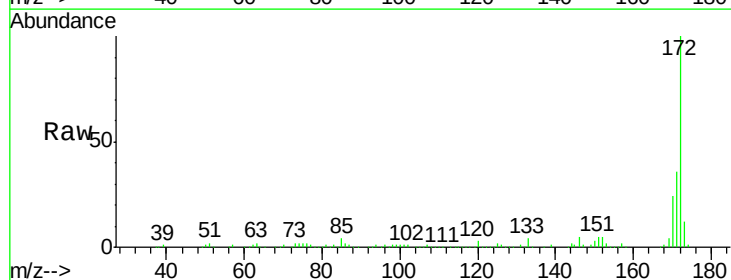


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

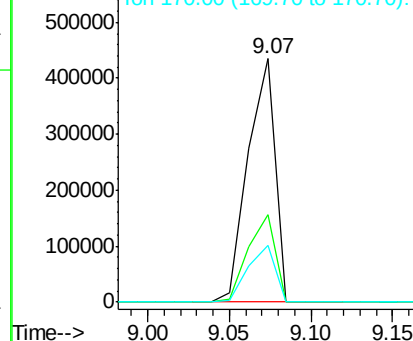
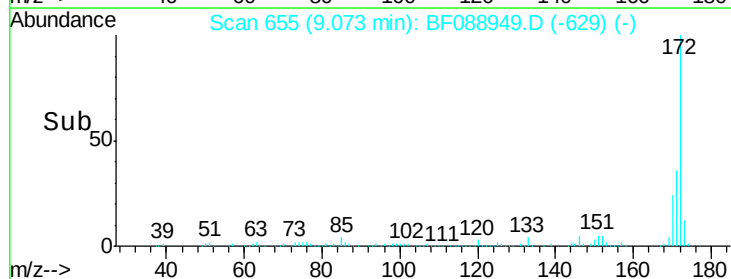


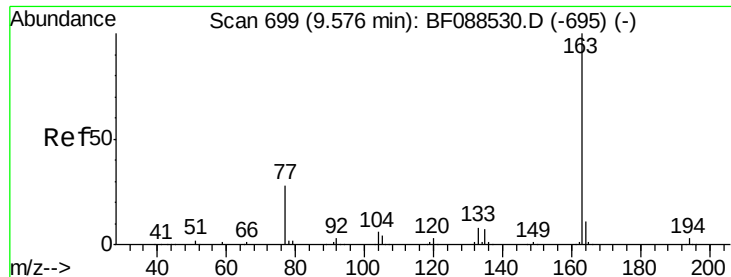
#44
 2-Fluorobiphenyl
 Concen: 83.52 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088949.D
 Acq: 13 Jul 2016 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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: 9.56 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

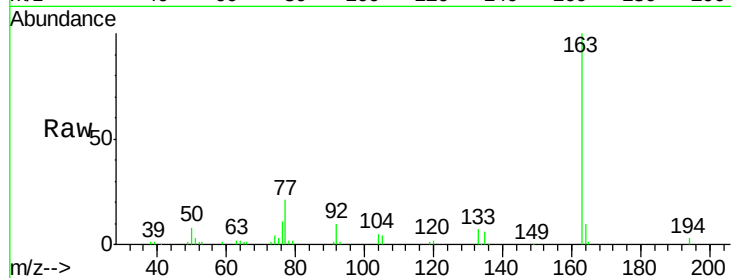
Tgt Ion:163 Resp: 64282

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

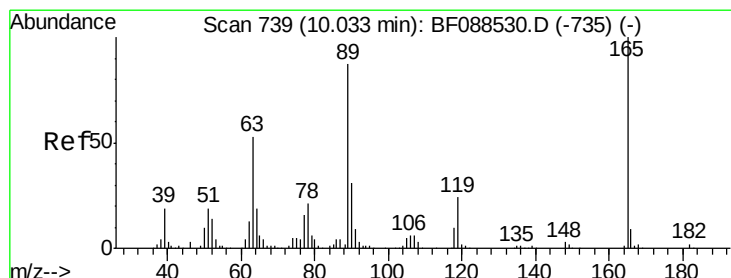
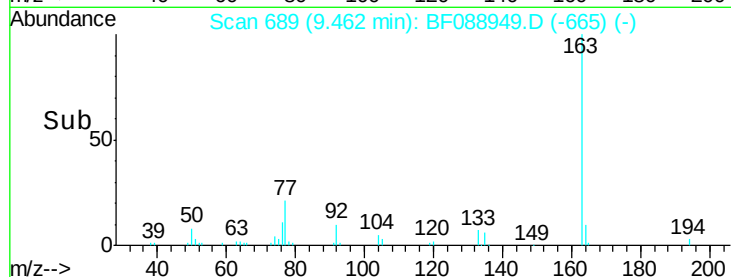
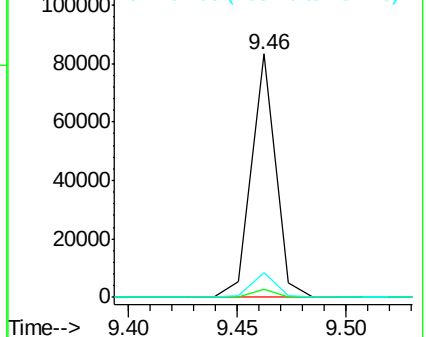
164 10.2 8.3 12.5



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: 6.19 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Tgt Ion:165 Resp: 12054

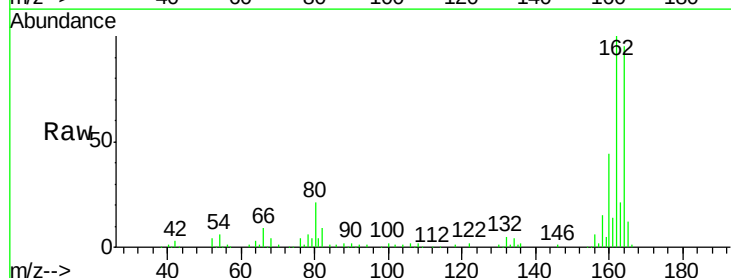
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 2.1 41.1 61.7#

182 0.0 2.0 3.0#

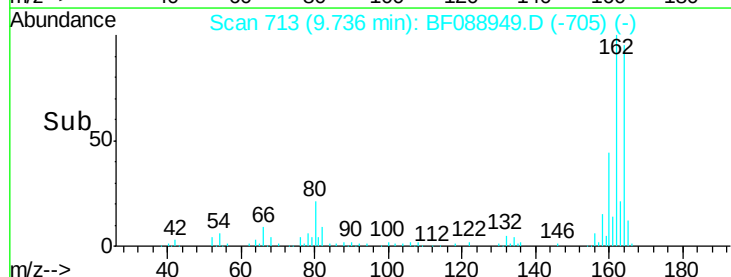
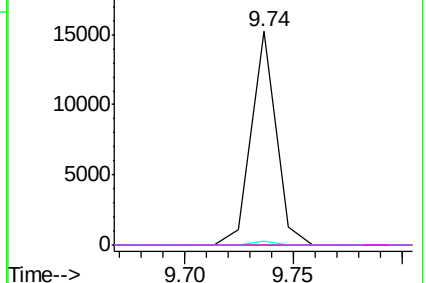


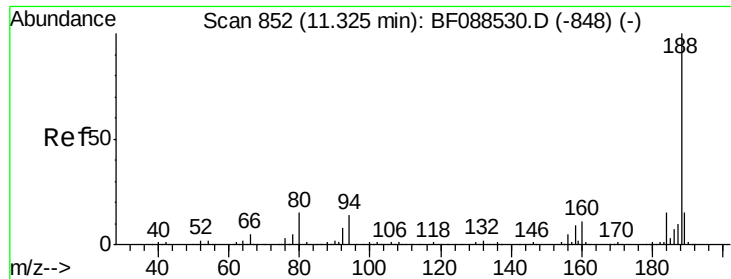
Abundance Ion 165.00 (164.70 to 165.70): E

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

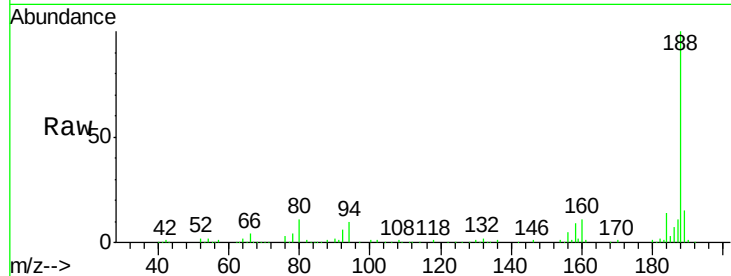




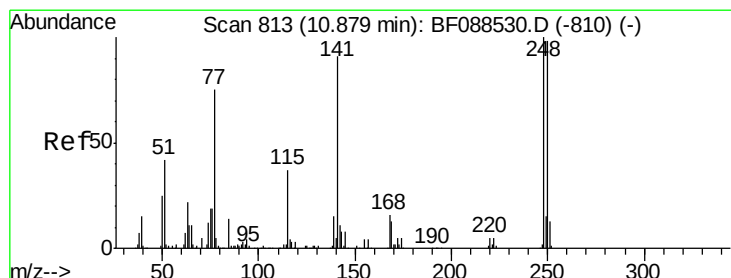
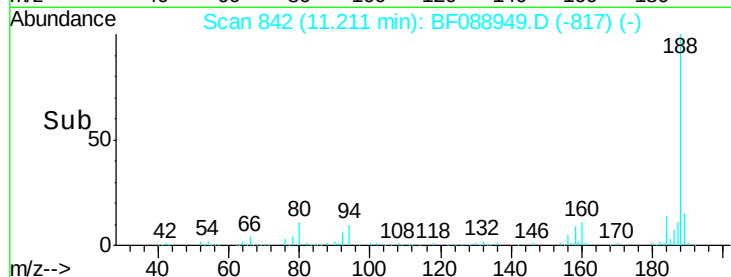
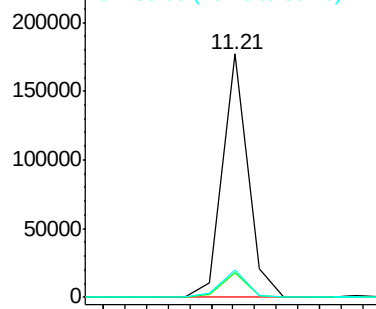
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

Tgt Ion:188 Resp: 143051
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.6
80 11.4 10.0 15.0

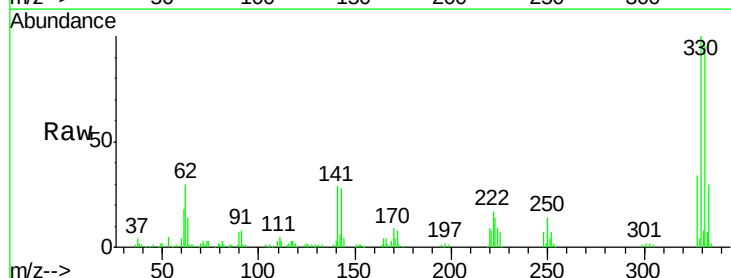


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

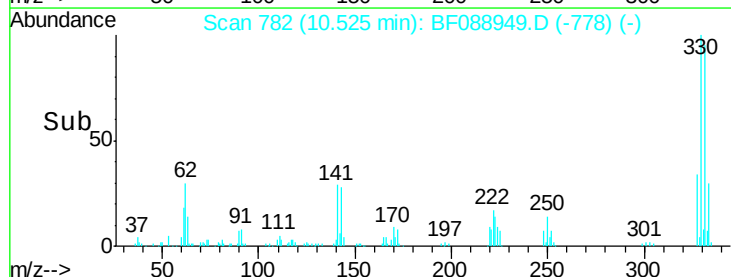
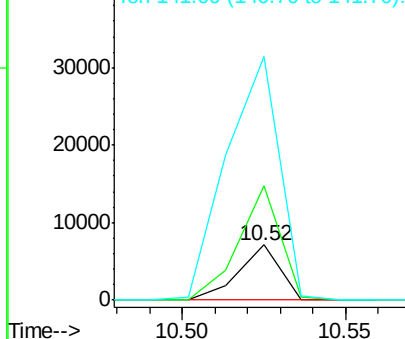


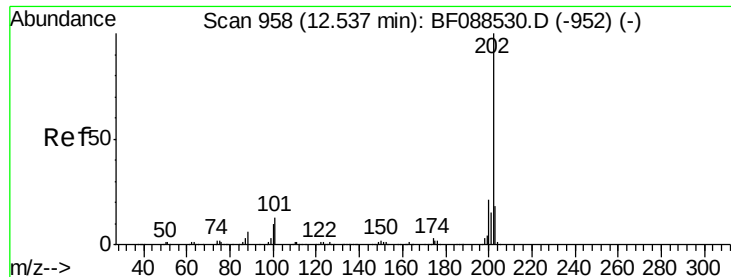
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088949.D
Acq: 13 Jul 2016 7:18

Tgt Ion:248 Resp: 6113
Ion Ratio Lower Upper
248 100
250 208.2 77.1 115.7#
141 441.1 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





#74

Fluoranthene

Concen: 2.09 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

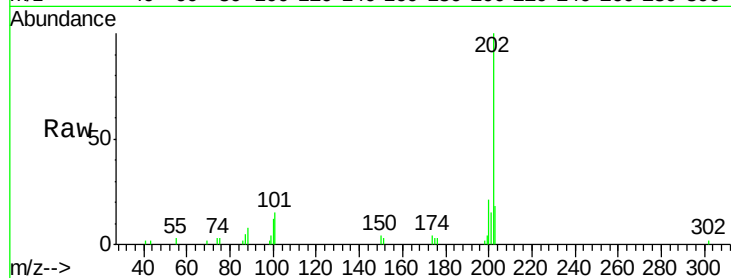
Tgt Ion:202 Resp: 16557

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.1

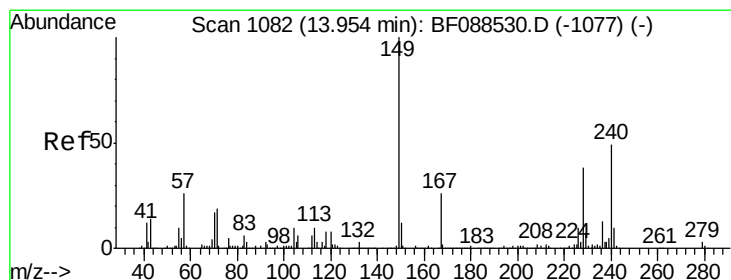
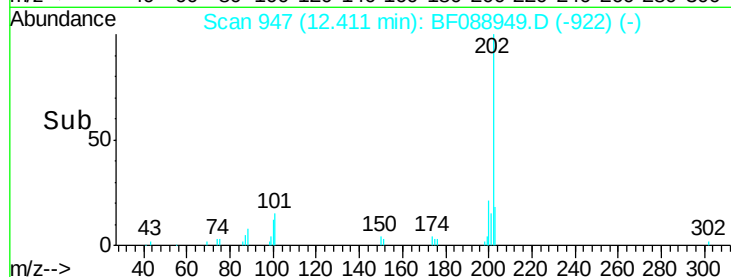
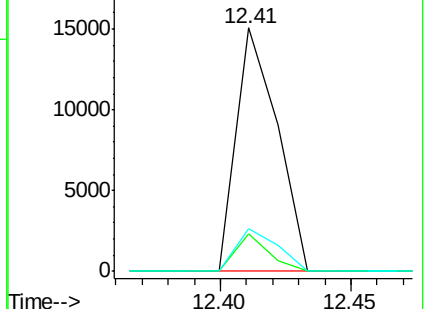
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

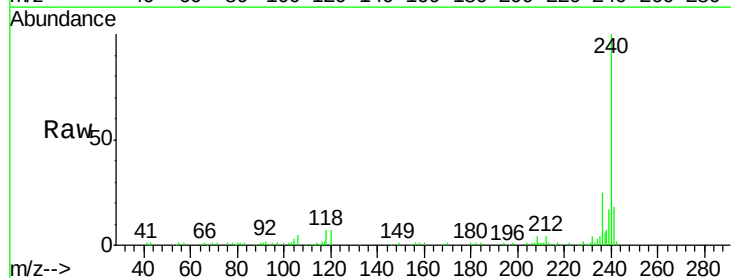
Tgt Ion:240 Resp: 123991

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

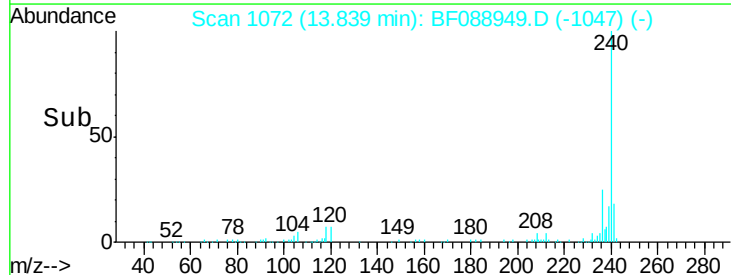
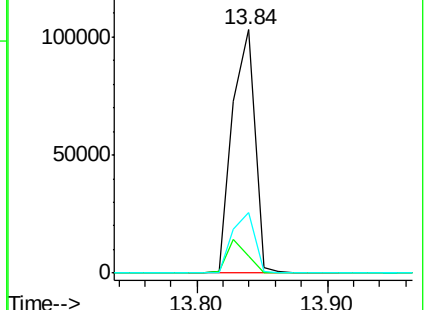
236 25.0 20.2 30.2

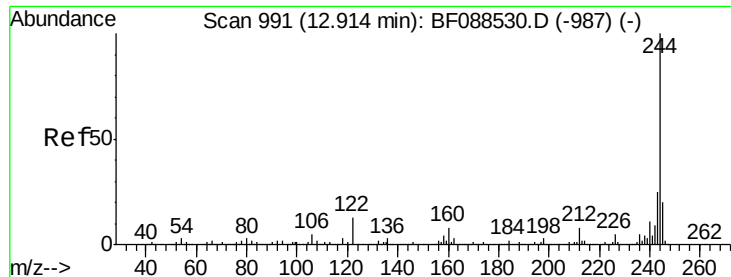


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.05 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

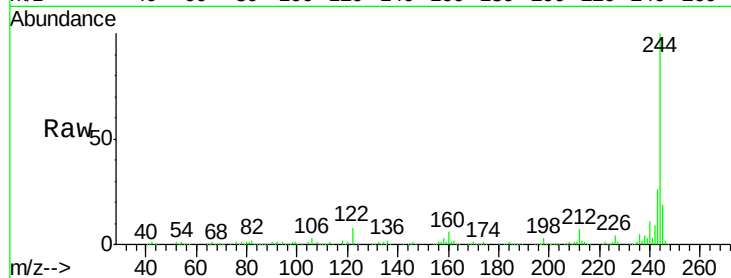
Tgt Ion:244 Resp: 312029

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

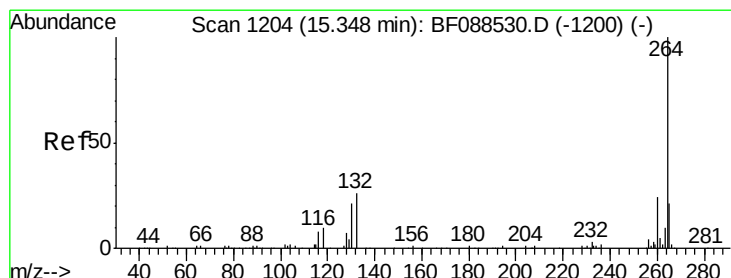
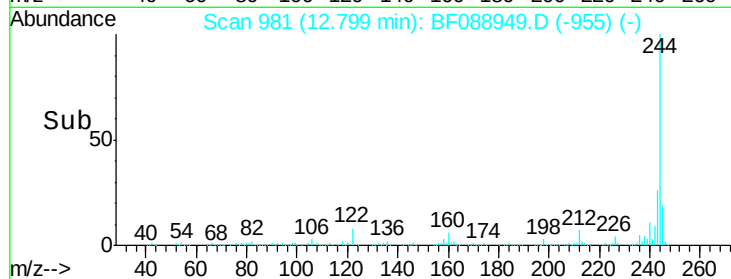
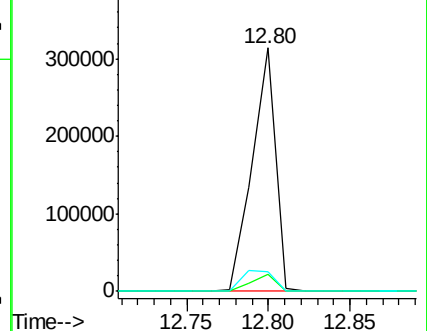
122 7.8 11.2 16.8#



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: 15.21 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF088949.D

Acq: 13 Jul 2016 7:18

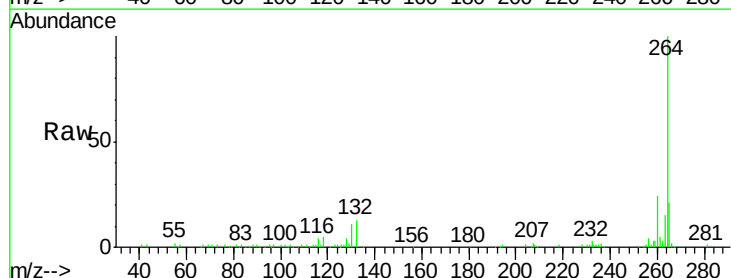
Tgt Ion:264 Resp: 105337

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

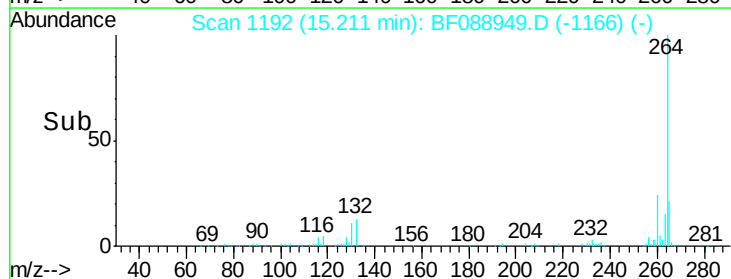
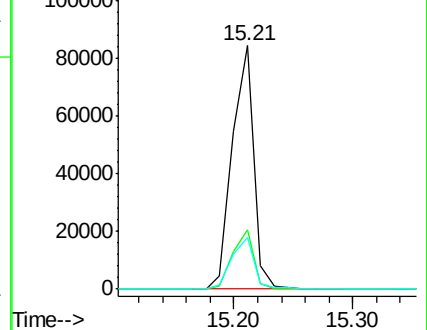
265 21.0 16.9 25.3

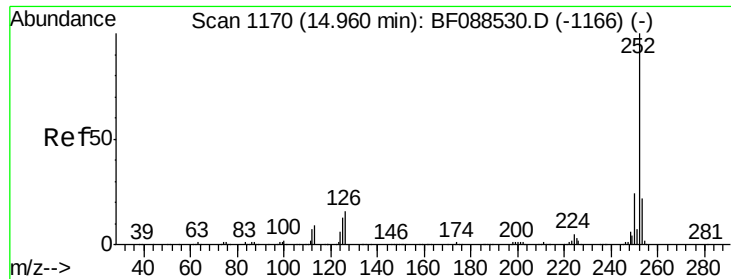


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.11 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088949.D

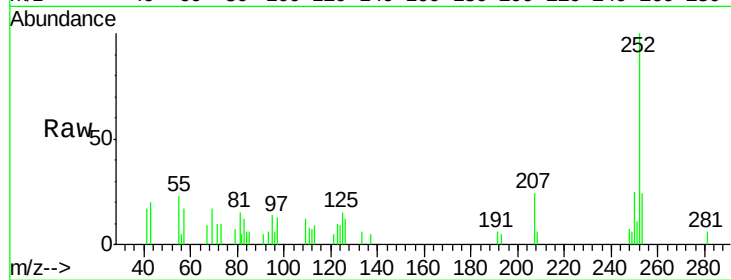
Acq: 13 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C



Tgt Ion:	252	Resp:	12132
Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	15.2	11.2	16.8

