

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088627.D
 Acq On : 2 Jul 2016 20:04
 Operator : UM/SJ
 Sample : H3847-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

Quant Time: Jul 03 03:04:42 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

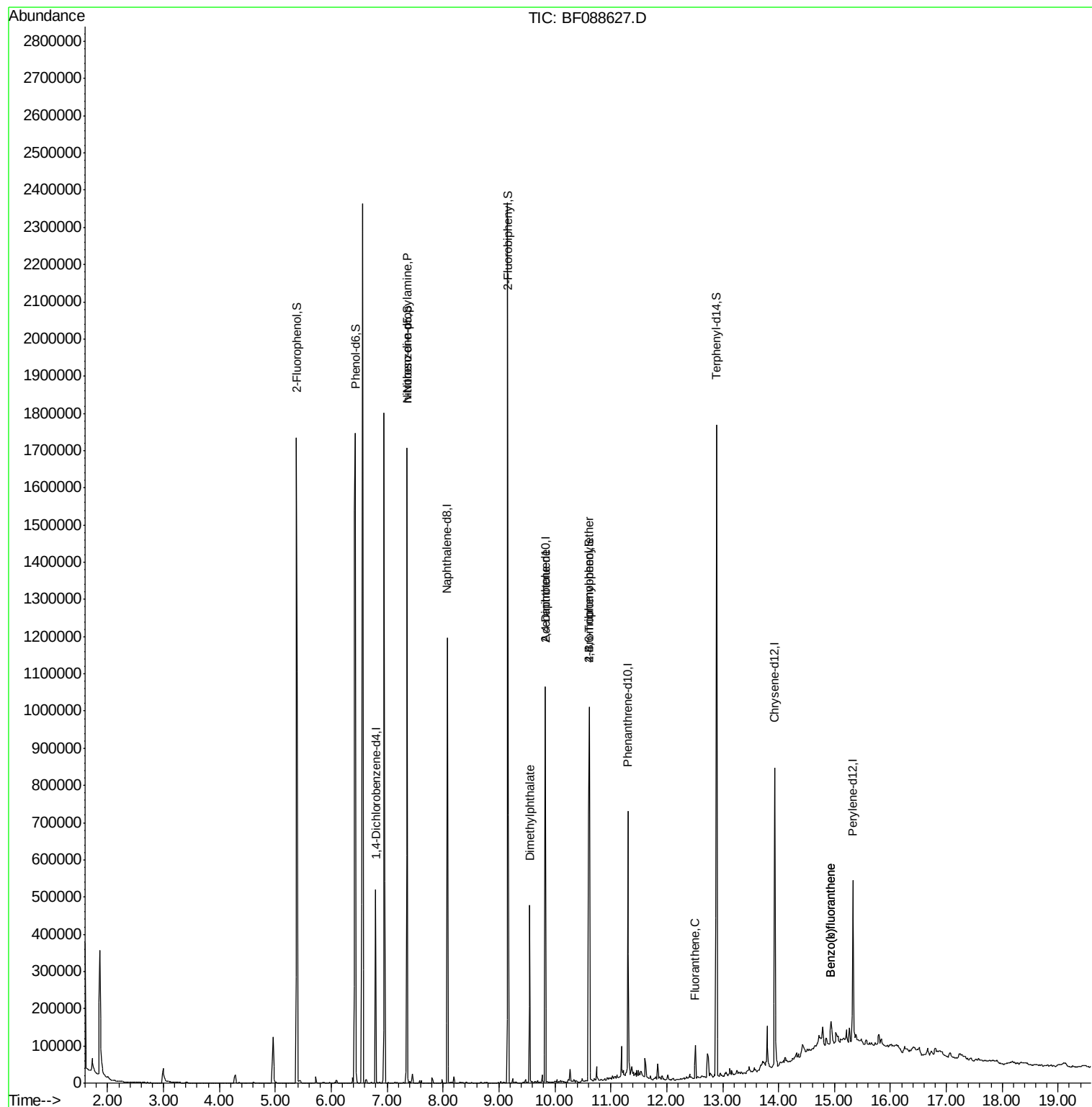
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112251	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	462717	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	187689	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	281897	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	228848	20.00	ng	-0.02
86) Perylene-d12	15.33	264	215599	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	644279	86.02	ng	-0.02
7) Phenol-d6	6.43	99	922670	95.34	ng	-0.01
23) Nitrobenzene-d5	7.36	82	577315	65.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	148174	85.02	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	740929	62.36	ng	-0.02
78) Terphenyl-d14	12.89	244	492682	47.95	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	78530	12.08	ng	# 70
49) Dimethylphthalate	9.55	163	219213	16.39	ng	98
56) 2,4-Dinitrotoluene	9.83	165	24178	6.24	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	9806	3.45	ng	# 1
74) Fluoranthene	12.51	202	35191	2.25	ng	95
87) Benzo(b)fluoranthene	14.94	252	40767	3.01	ng	# 90
88) Benzo(k)fluoranthene	14.94	252	40767	3.46	ng	96

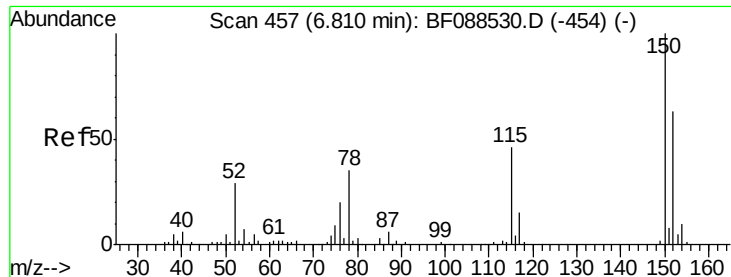
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C

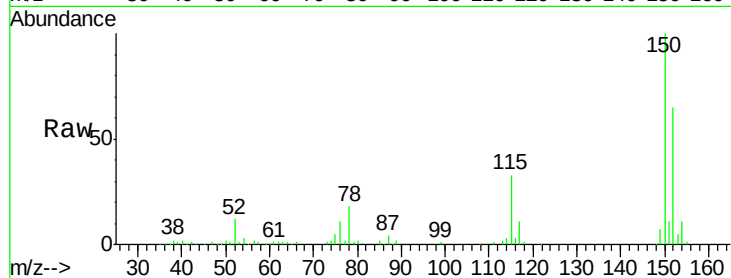
Tgt Ion:152 Resp: 112251

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

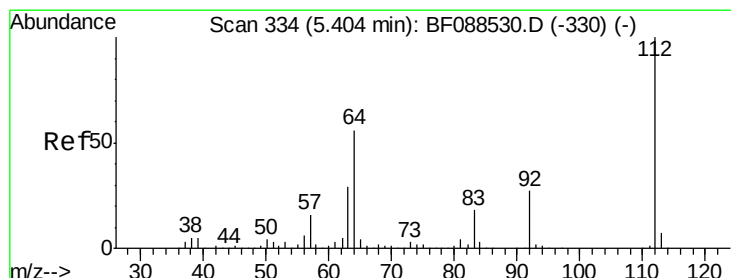
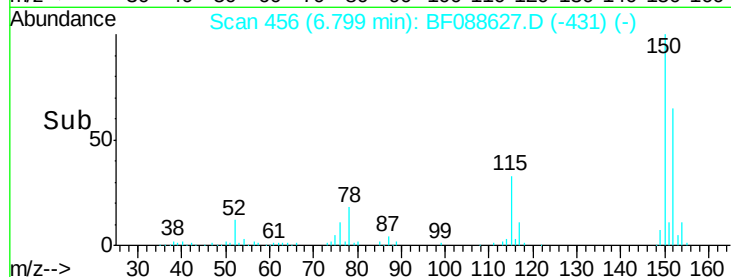
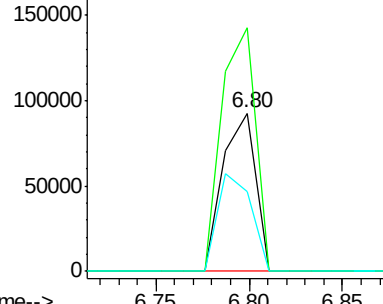
115 50.8 39.6 59.4



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: 86.02 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

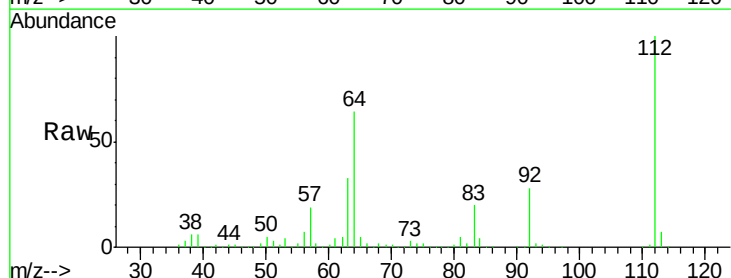
Tgt Ion:112 Resp: 644279

Ion Ratio Lower Upper

112 100

64 64.3 42.2 63.2#

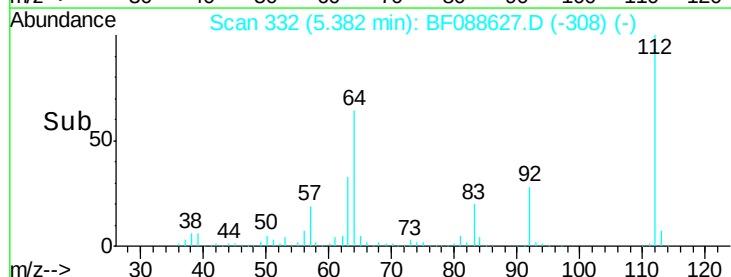
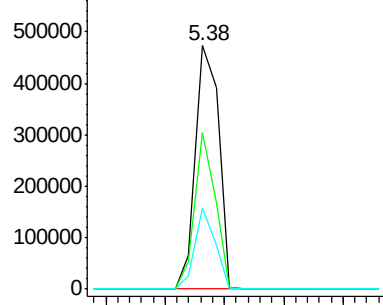
63 33.3 21.8 32.8#

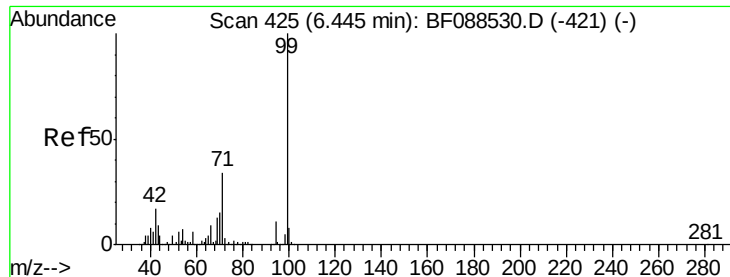


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.34 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C

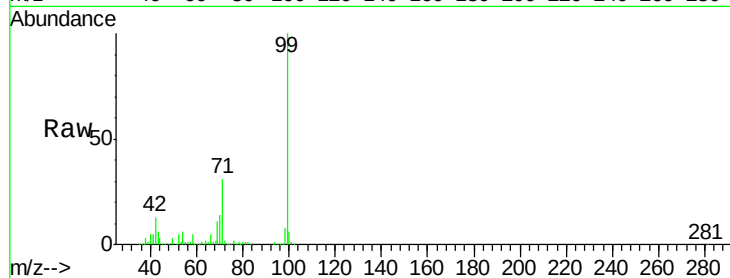
Tgt Ion: 99 Resp: 922670

Ion Ratio Lower Upper

99 100

42 12.9 12.2 18.2

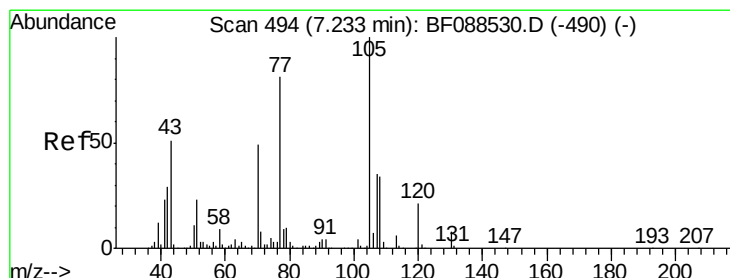
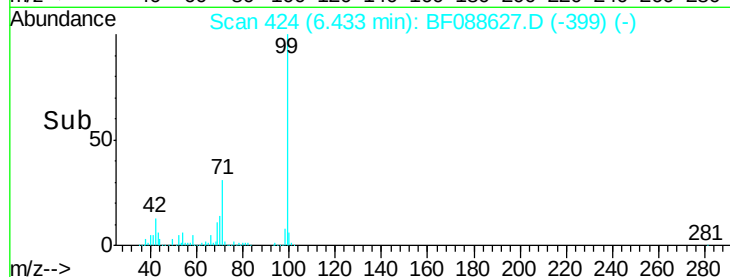
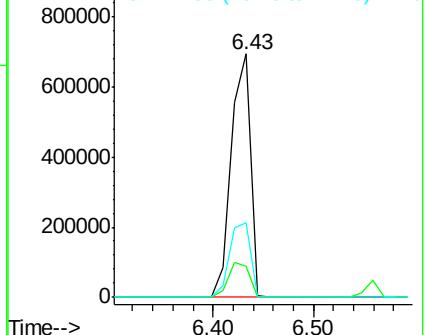
71 30.5 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.08 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Tgt Ion: 70 Resp: 78530

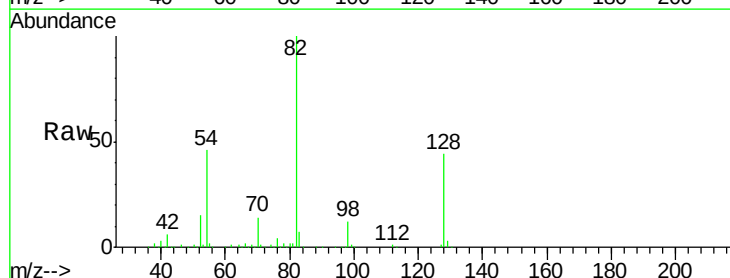
Ion Ratio Lower Upper

70 100

42 40.6 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

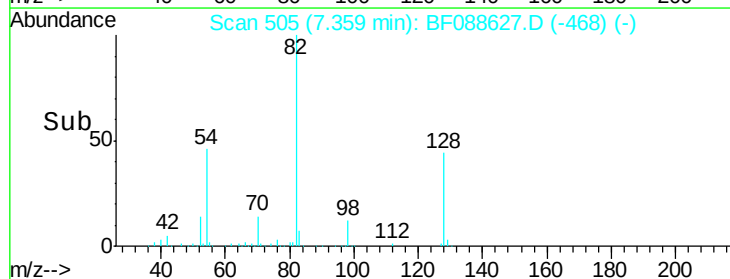
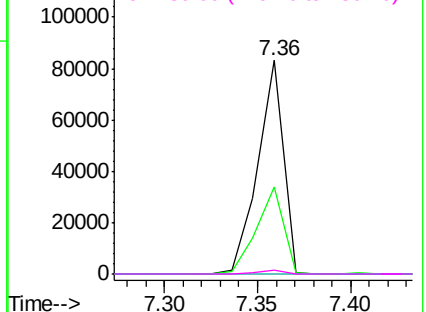


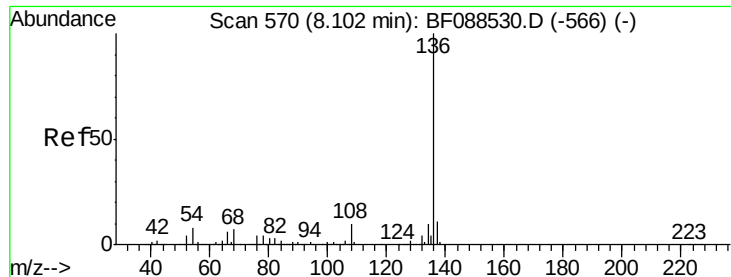
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

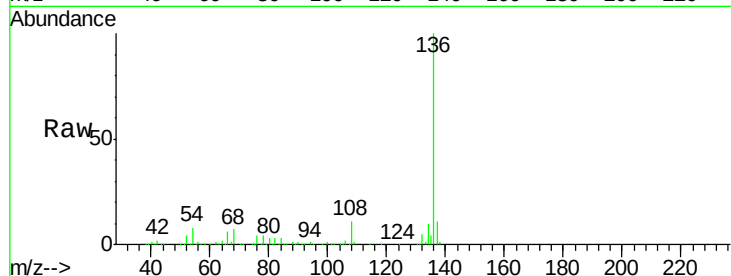




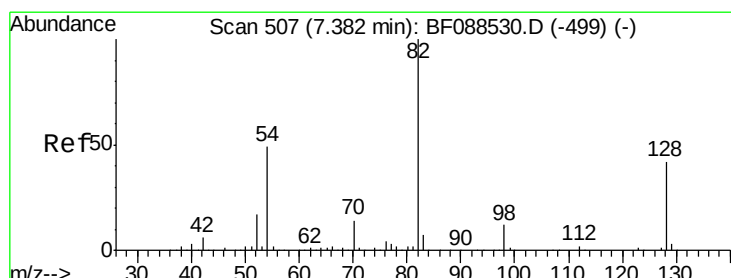
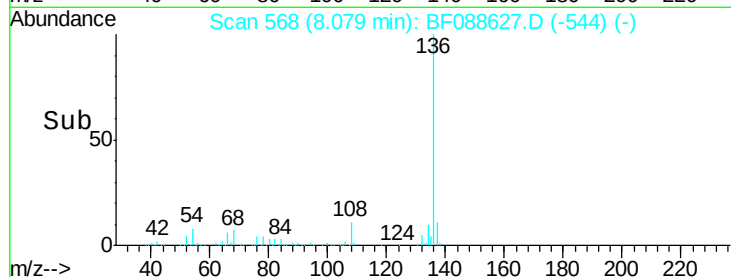
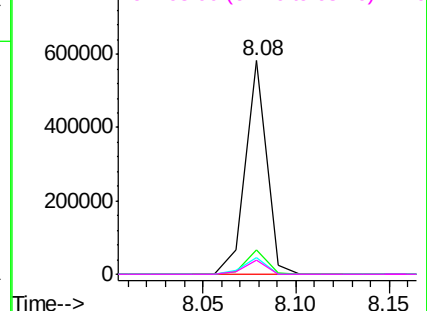
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Instrument :
BNA_F
ClientSampleId :
S4-B3(0-12)C

Tgt Ion:	136	Resp:	462717
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.9	6.6	10.0
68	6.8	5.1	7.7

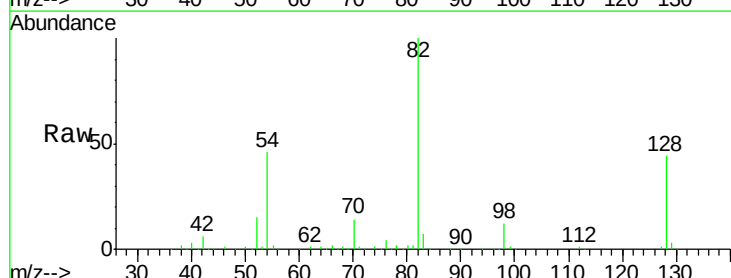


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

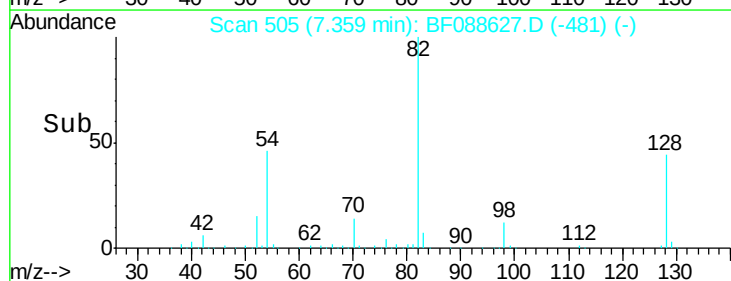
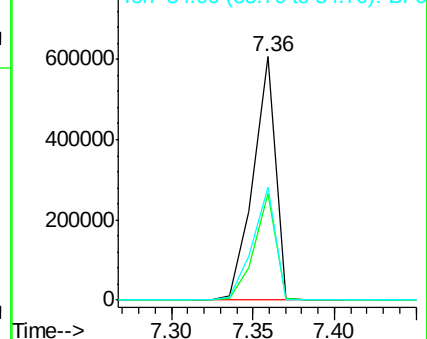


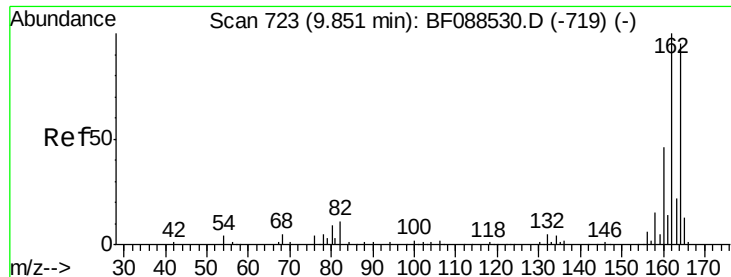
#23
Nitrobenzene-d5
Concen: 65.38 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Tgt Ion:	82	Resp:	577315
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.9	53.9
54	46.3	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C

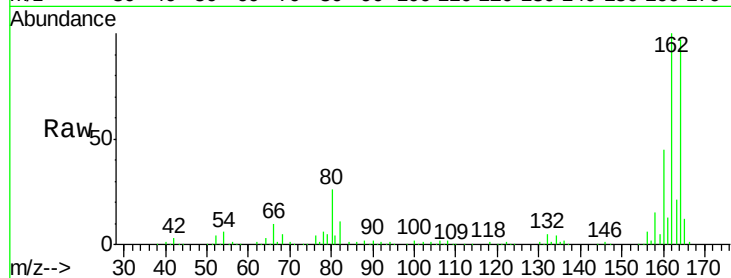
Tgt Ion:164 Resp: 187689

Ion Ratio Lower Upper

164 100

162 103.4 85.4 128.2

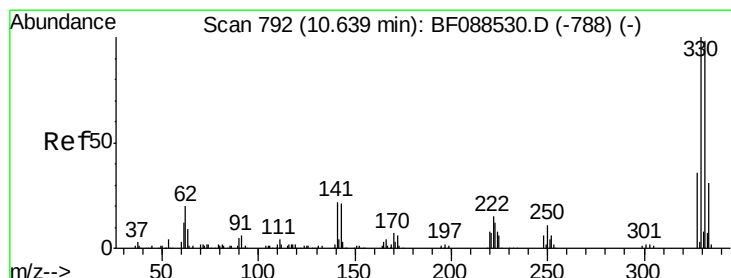
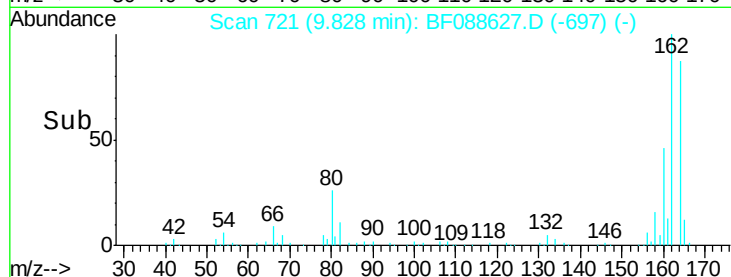
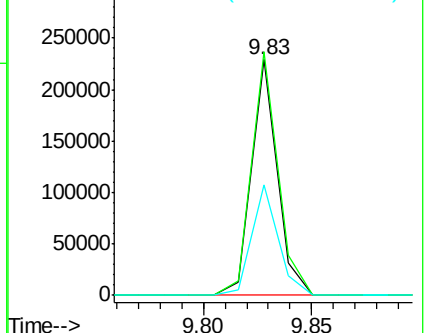
160 47.0 39.5 59.3



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: 85.02 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

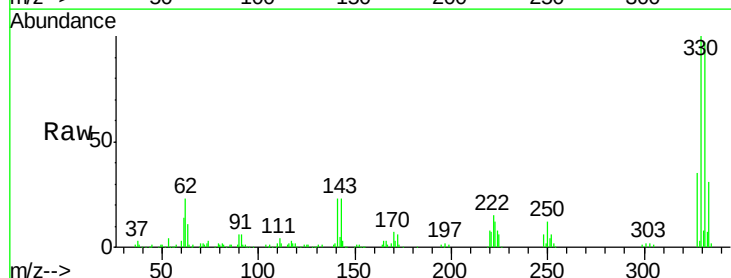
Tgt Ion:330 Resp: 148174

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

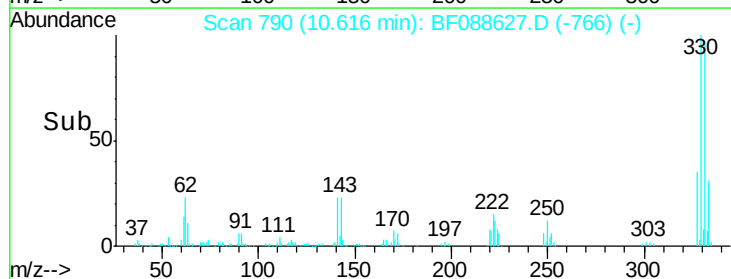
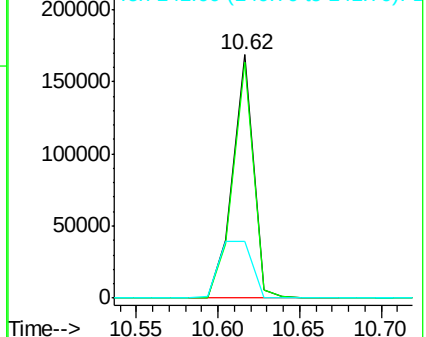
141 37.1 0.0 0.0#

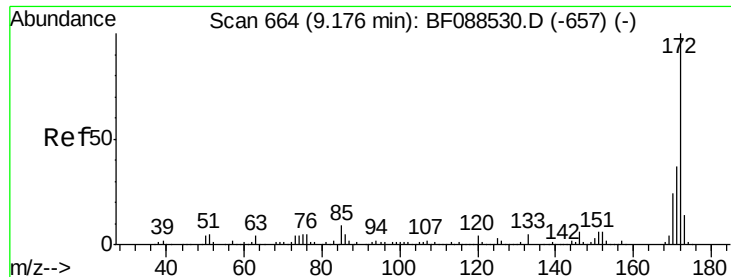


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

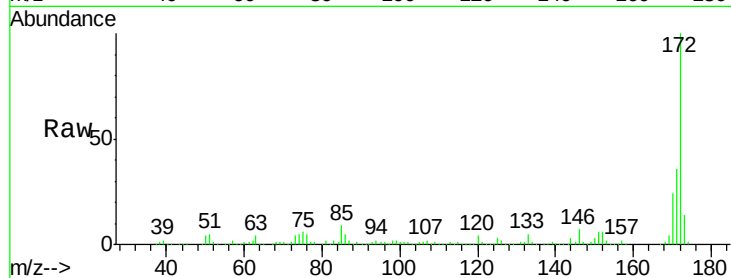




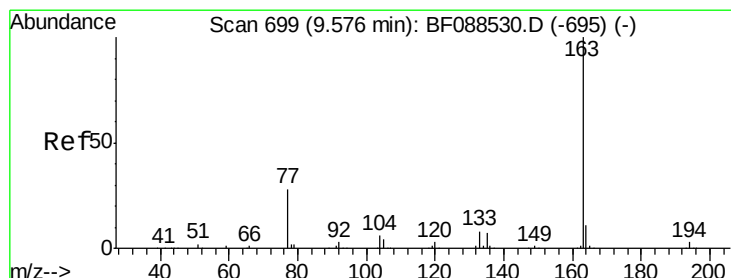
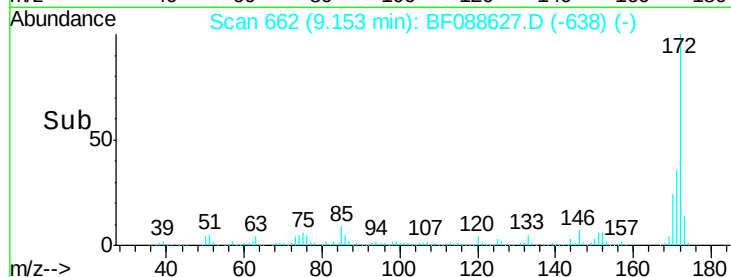
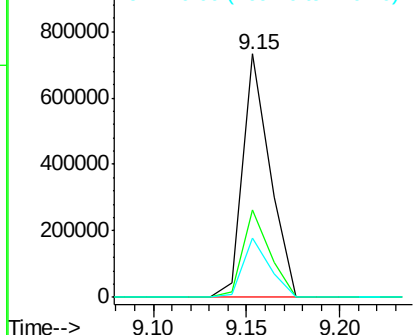
#44
2-Fluorobiphenyl
Concen: 62.36 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Instrument :
BNA_F
ClientSampleId :
S4-B3(0-12)C

Tgt Ion:172 Resp: 740929
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.2 19.2 28.8

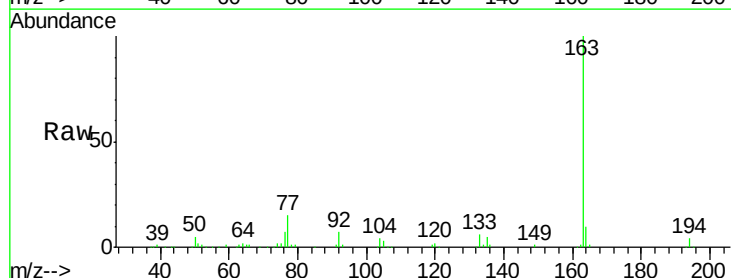


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

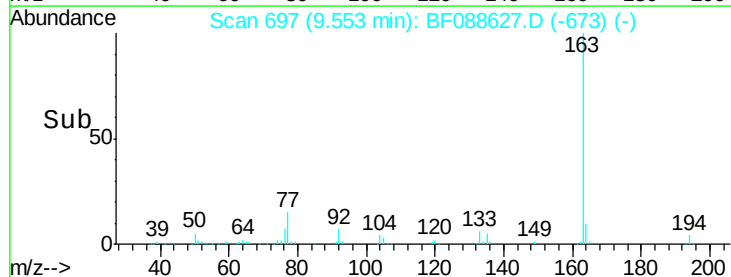
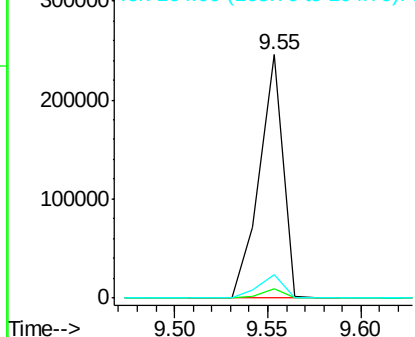


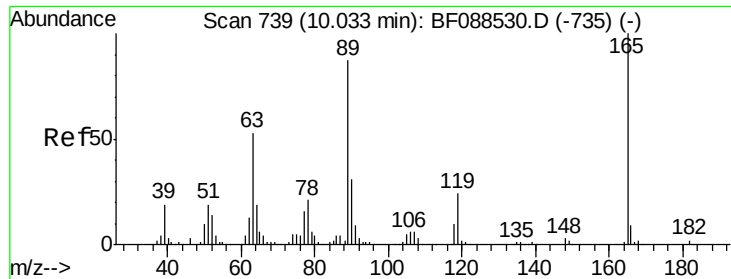
#49
Dimethylphthalate
Concen: 16.39 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Tgt Ion:163 Resp: 219213
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 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

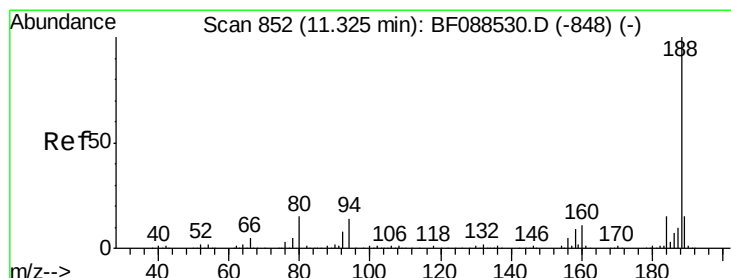
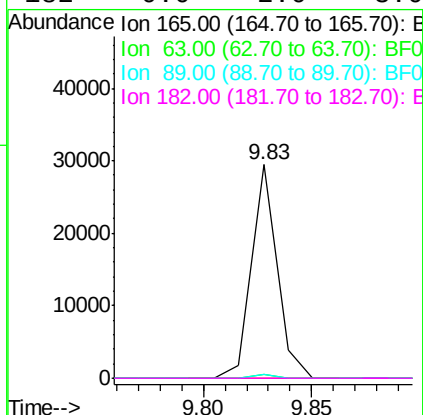
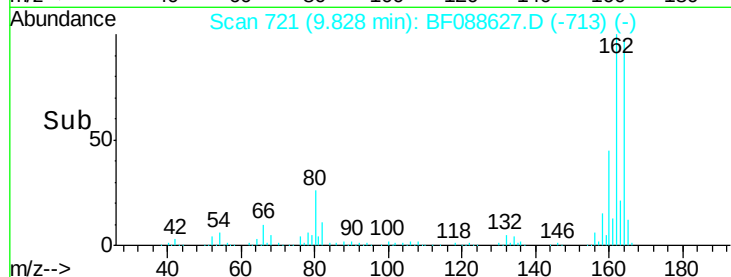
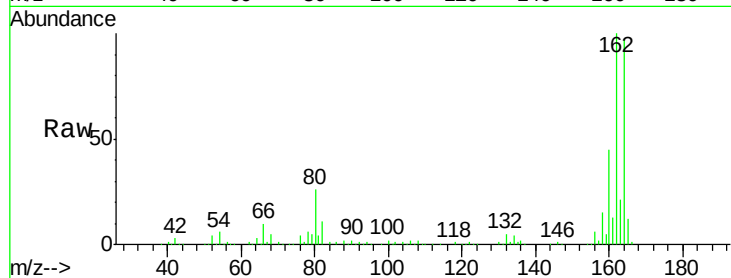




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.21 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

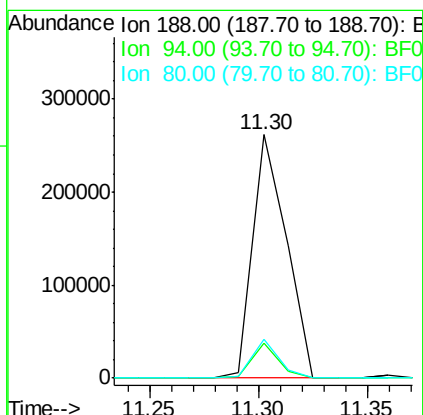
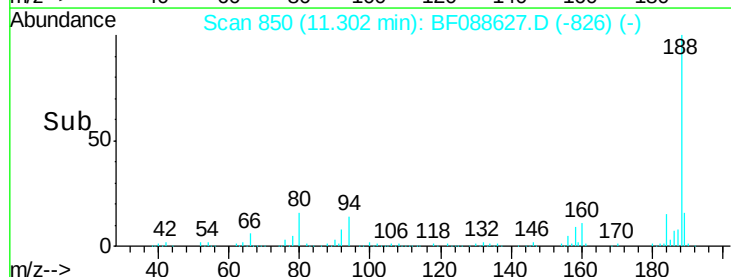
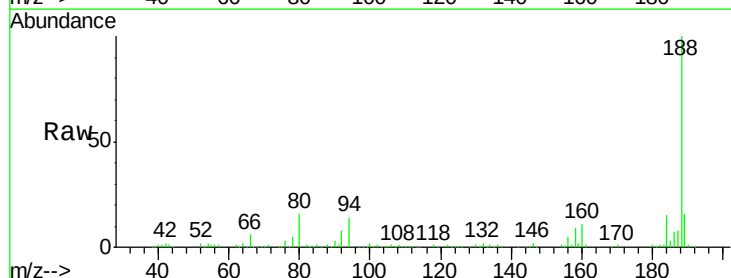
Instrument :
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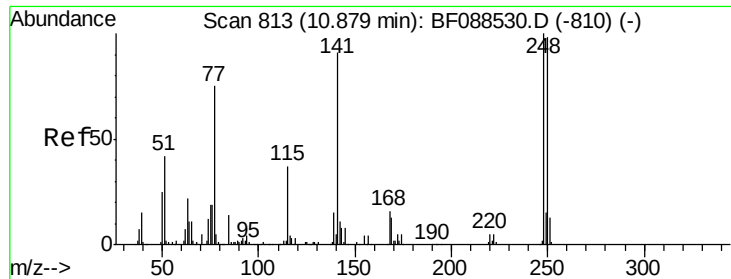
Tgt Ion:	165	Resp:	24178
Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Tgt Ion:	188	Resp:	281897
Ion	Ratio	Lower	Upper
188	100		
94	14.1	9.0	13.6#
80	16.1	10.0	15.0#

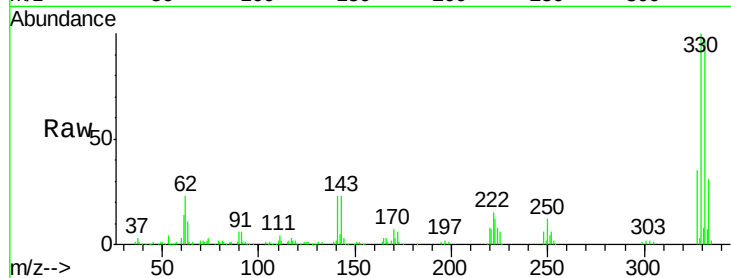




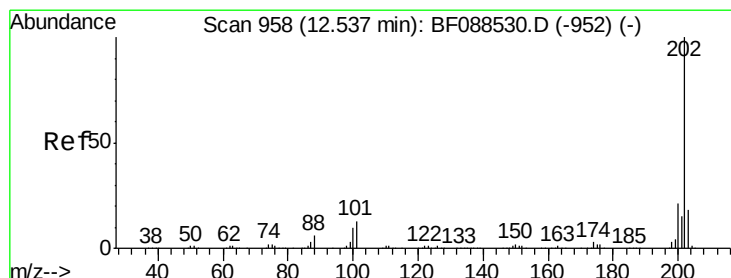
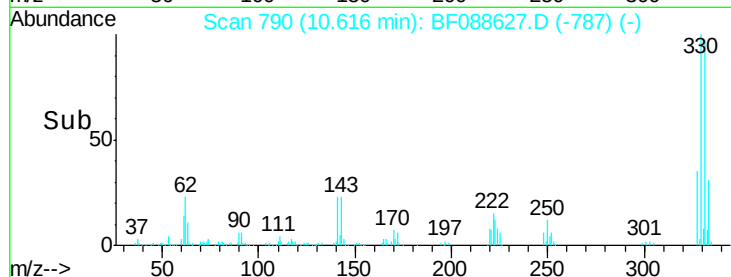
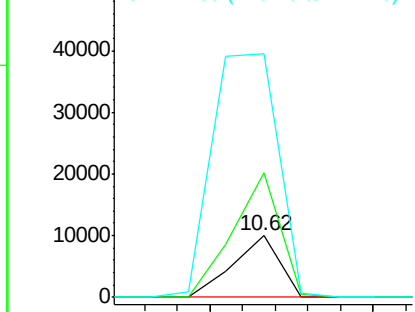
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.26 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B3(0-12)C

Tgt Ion:248 Resp: 9806
 Ion Ratio Lower Upper
 248 100
 250 202.0 77.1 115.7#
 141 394.8 50.6 76.0#

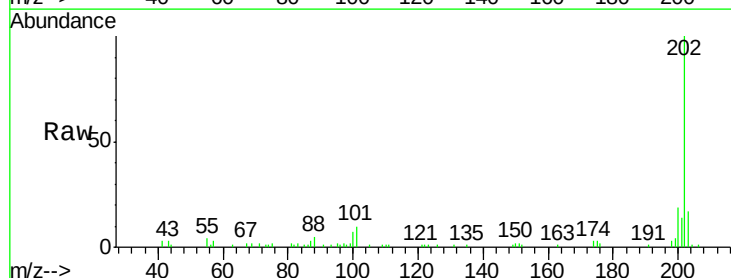


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

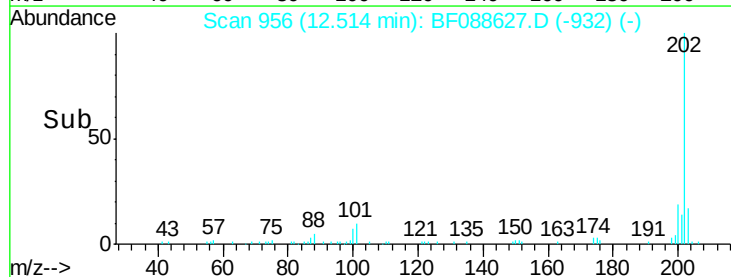
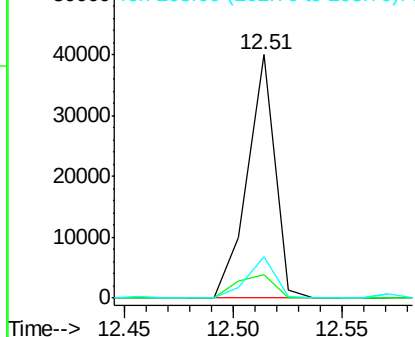


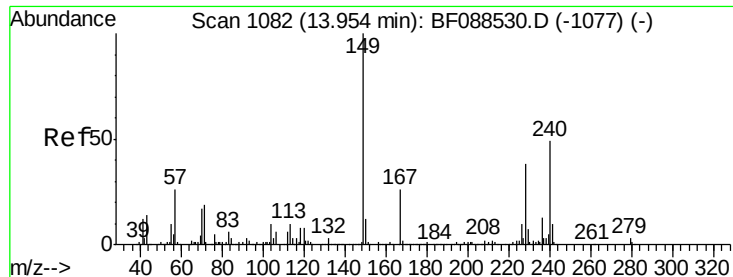
#74
 Fluoranthene
 Concen: 2.25 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF088627.D
 Acq: 2 Jul 2016 20:04

Tgt Ion:202 Resp: 35191
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 33.1
 203 16.9 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: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C

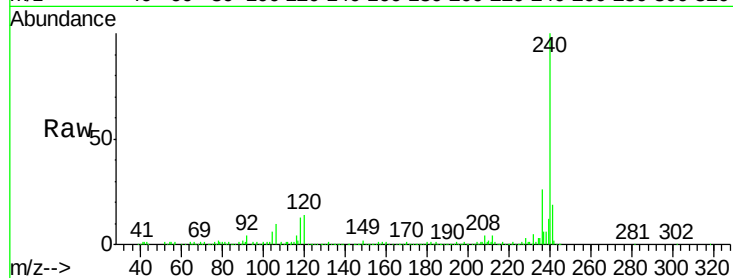
Tgt Ion:240 Resp: 228848

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

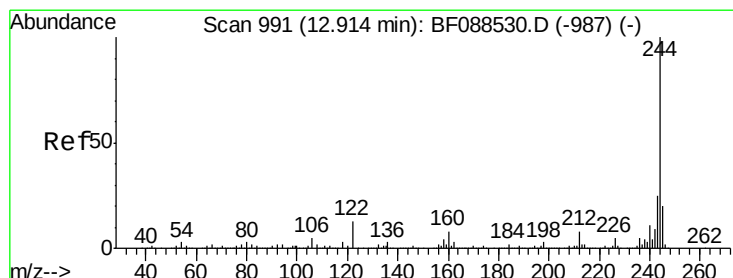
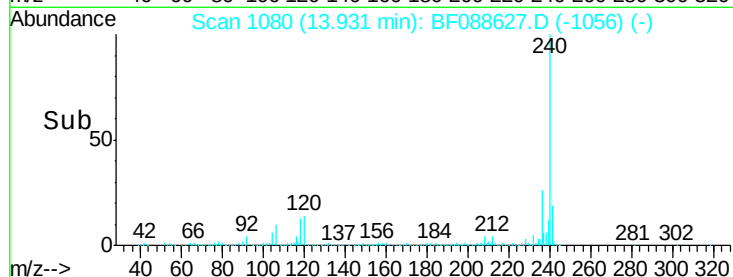
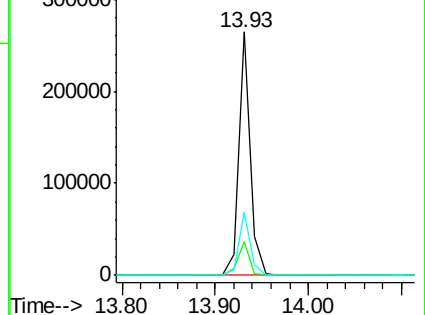
236 26.1 20.2 30.2



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: 47.95 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088627.D

Acq: 2 Jul 2016 20:04

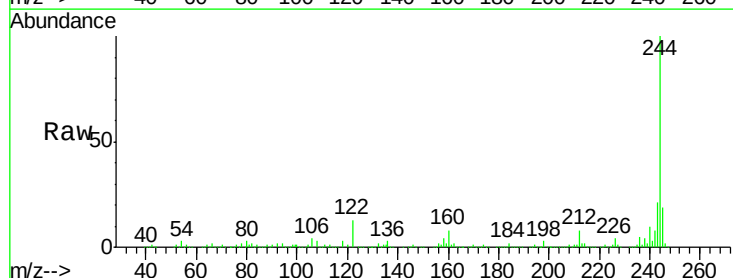
Tgt Ion:244 Resp: 492682

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

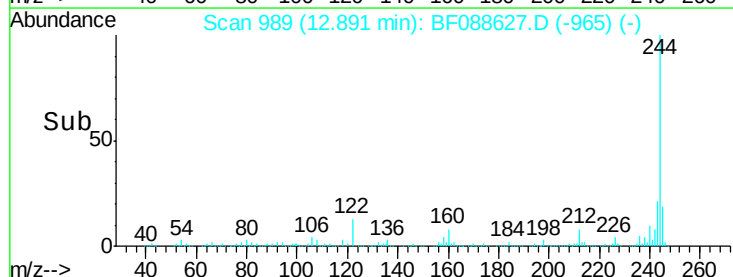
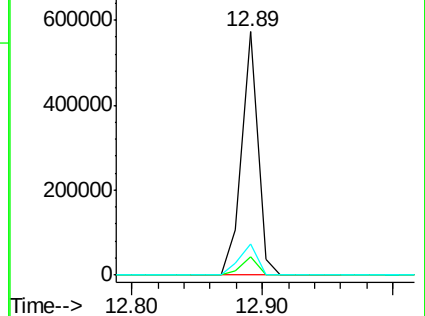
122 12.8 11.2 16.8

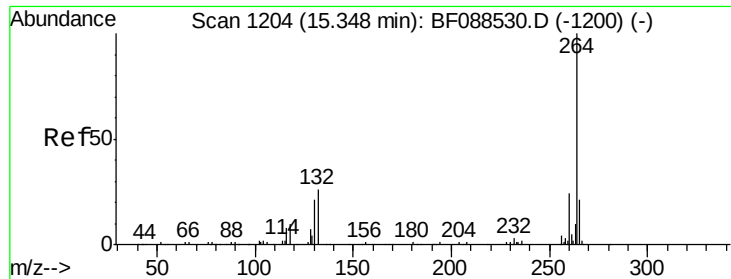


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

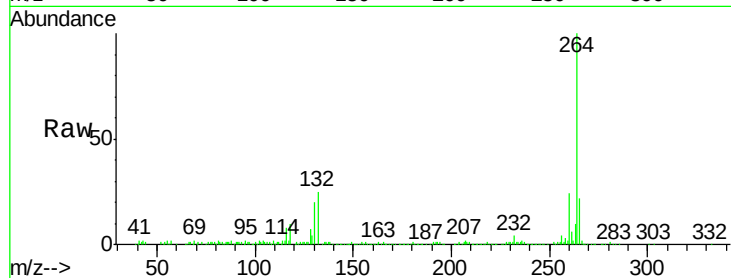




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Instrument :
BNA_F
ClientSampleId :
S4-B3(0-12)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	16.9	25.3

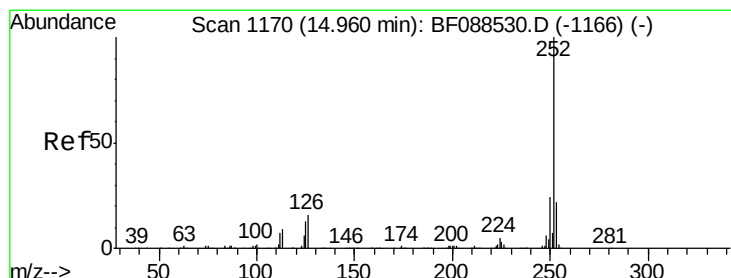
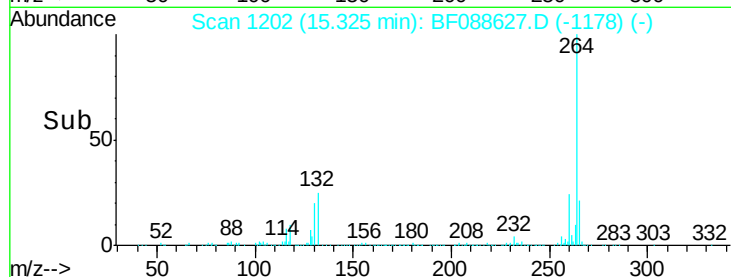
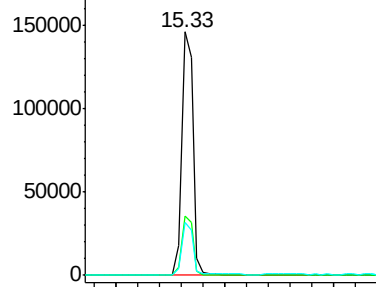


Abundance

Ion 264.00 (263.70 to 264.70): E

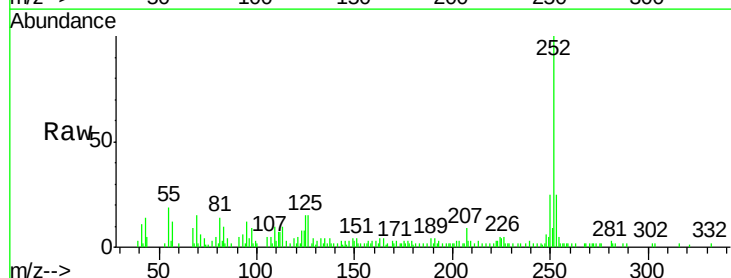
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 3.01 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF088627.D
Acq: 2 Jul 2016 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	15.3	7.1	10.7

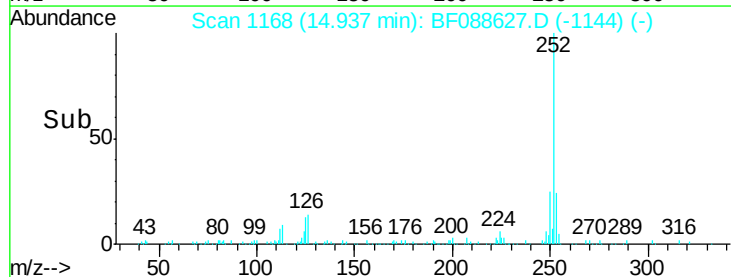
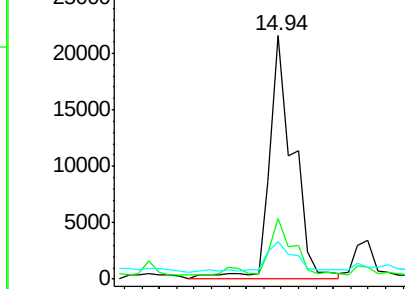


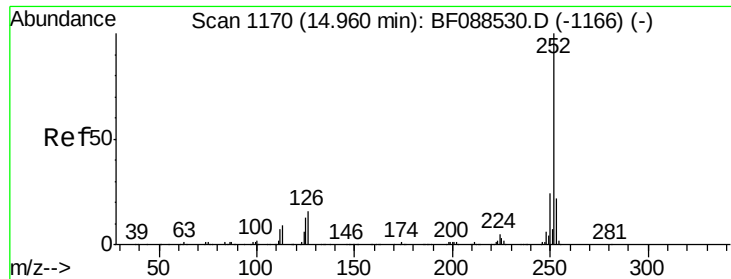
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.46 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF088627.D

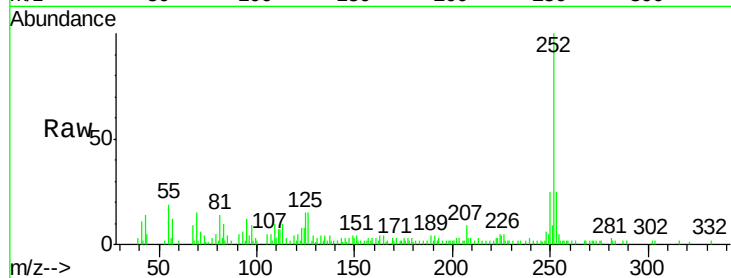
Acq: 2 Jul 2016 20:04

Instrument :

BNA_F

ClientSampleId :

S4-B3(0-12)C



Tgt Ion:	252	Resp:	40767
Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.3	11.2	16.8

