

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088566.D
 Acq On : 1 Jul 2016 11:00
 Operator : UM/SJ
 Sample : H3701-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 13:46:03 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

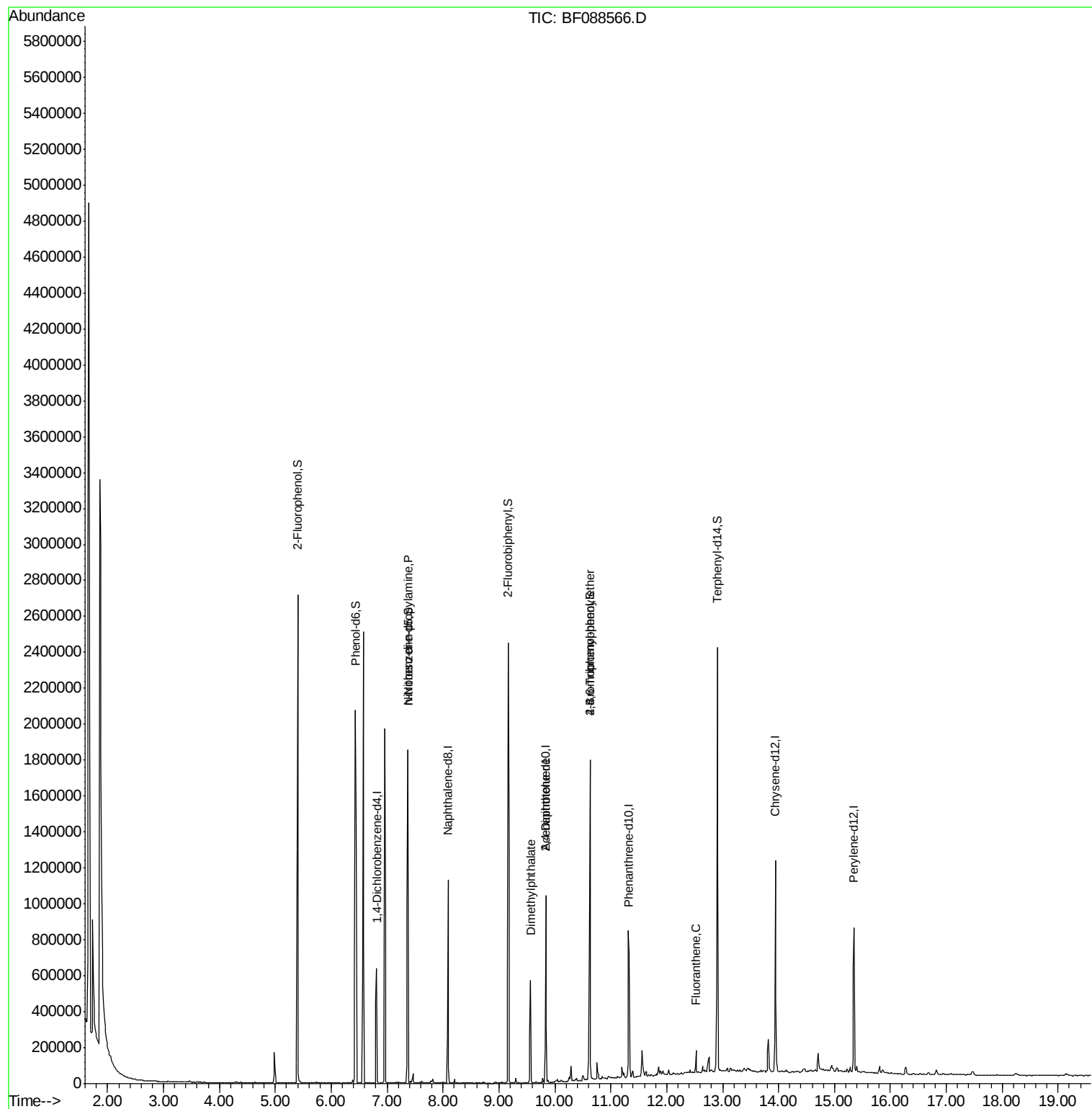
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123426	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	488564	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	214638	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	421453	20.00	ng	0.00
75) Chrysene-d12	13.94	240	388367	20.00	ng	-0.01
86) Perylene-d12	15.35	264	377859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	799227	97.05	ng	0.00
7) Phenol-d6	6.43	99	1092144	102.63	ng	-0.01
23) Nitrobenzene-d5	7.37	82	715527	76.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	211585	106.16	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1011099	74.41	ng	-0.01
78) Terphenyl-d14	12.90	244	902782	51.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	97293	13.61	ng	# 71
49) Dimethylphthalate	9.56	163	268472	17.56	ng	98
56) 2,4-Dinitrotoluene	9.84	165	27394	6.18	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	14652	3.45	ng	# 1
74) Fluoranthene	12.53	202	47422	2.03	ng	96

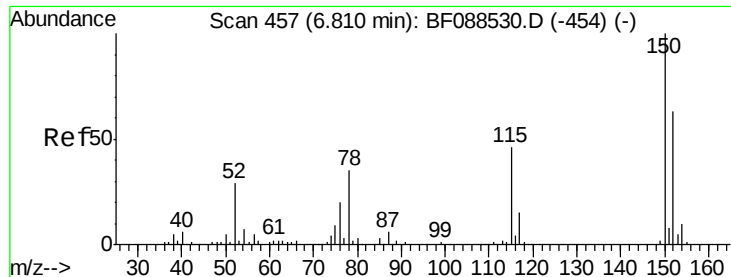
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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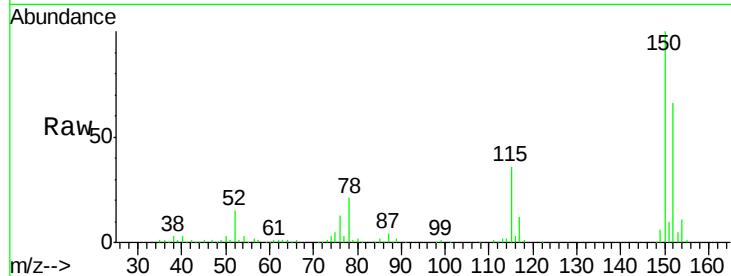


#1

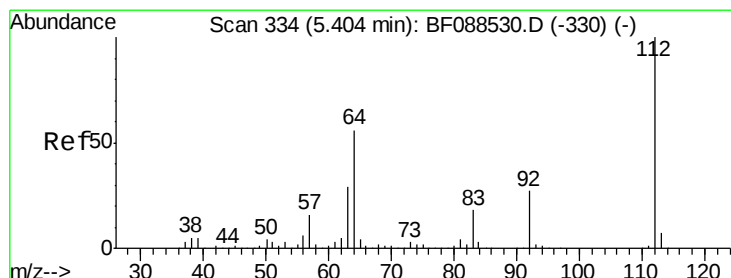
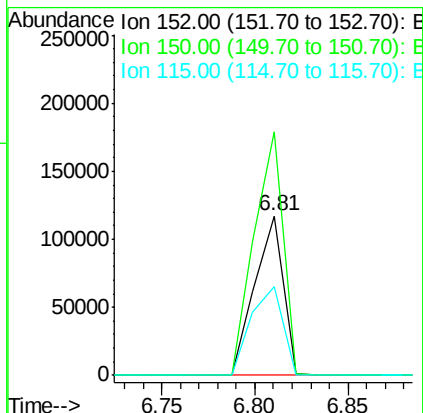
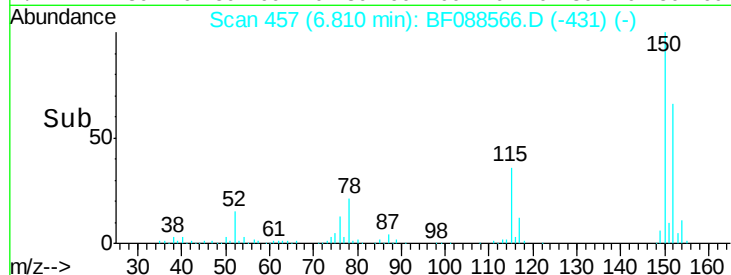
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.8	185.6
115	55.4	39.6	59.4



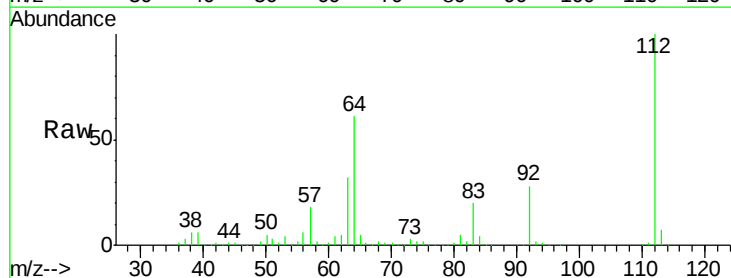
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



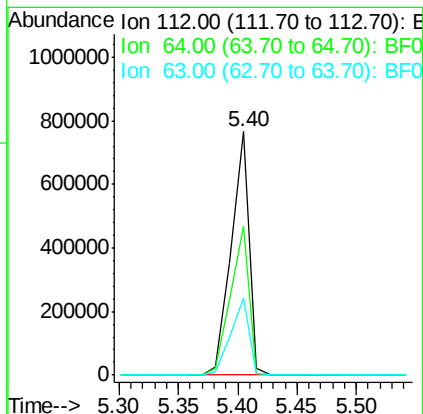
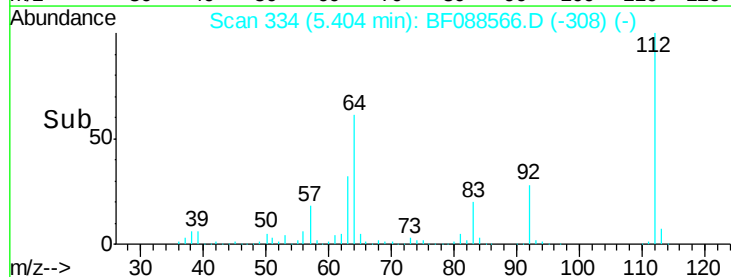
#5

2-Fluorophenol
Concen: 97.05 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	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: 102.63 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Instrument :

BNA_F

ClientSampled :

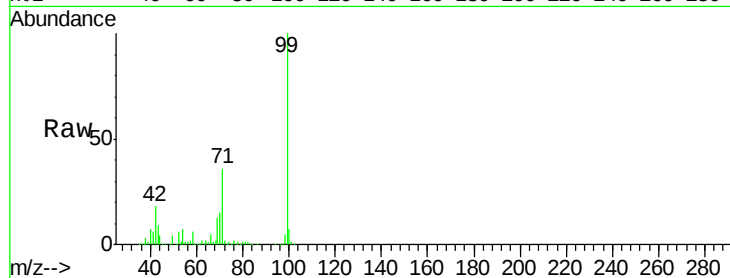
Tot Ion: 99 Resp: 1092144

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

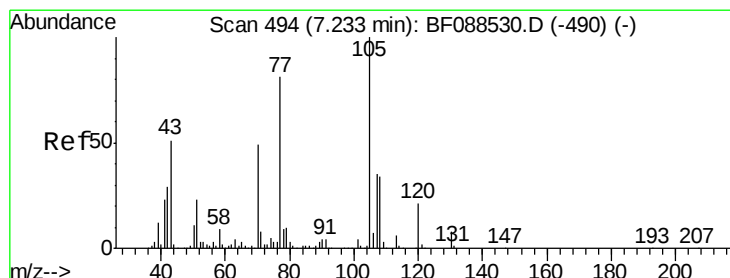
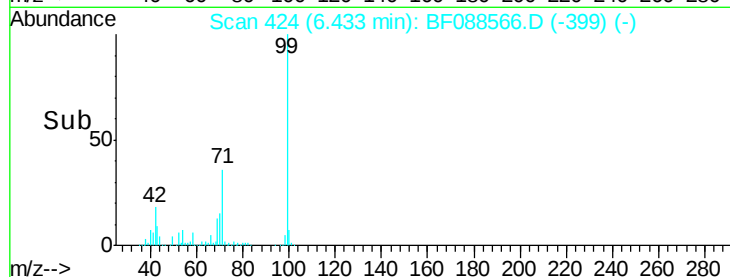
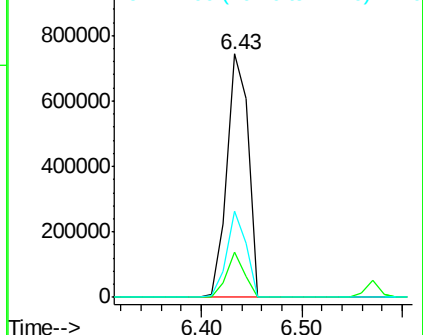
71 35.6 23.4 35.0#



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: 13.61 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Tgt Ion: 70 Resp: 97293

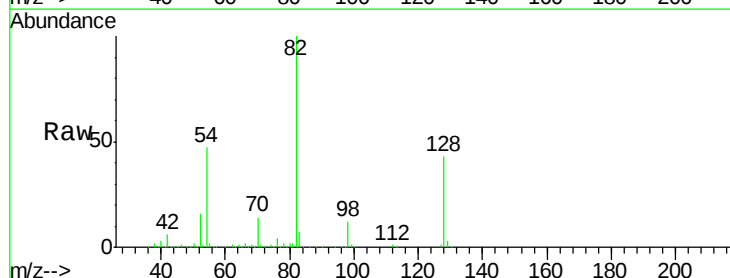
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

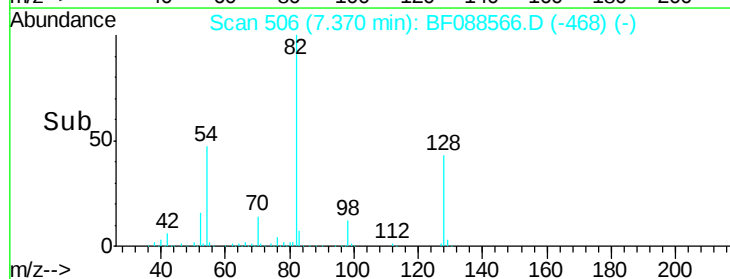
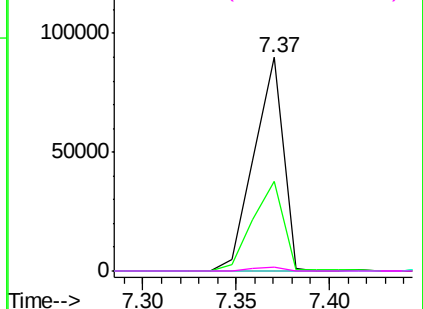


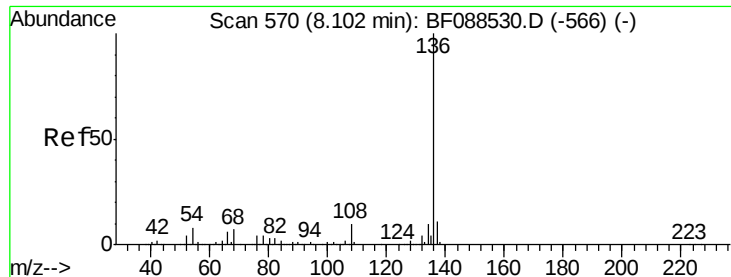
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 488564

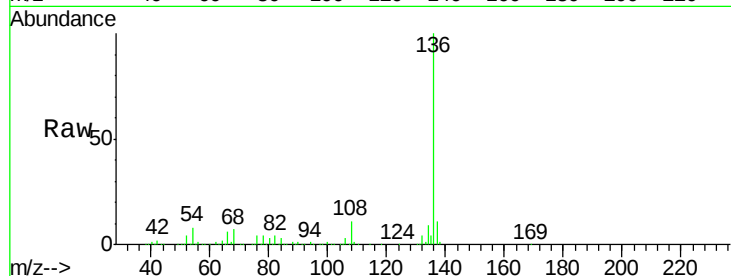
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.2 6.6 10.0

68 7.0 5.1 7.7

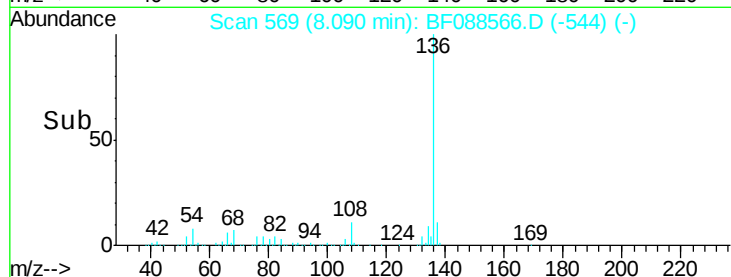


Abundance Ion 136.00 (135.70 to 136.70): E

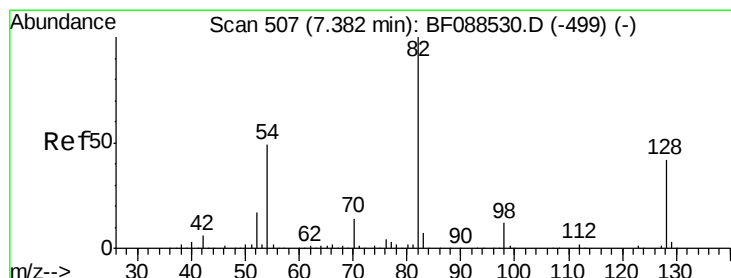
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15



#23

Nitrobenzene-d5

Concen: 76.75 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

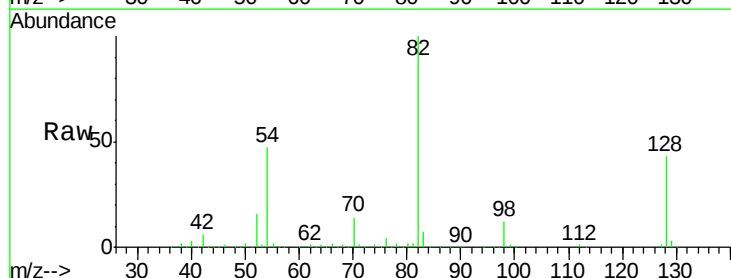
Tgt Ion: 82 Resp: 715527

Ion Ratio Lower Upper

82 100

128 43.3 35.9 53.9

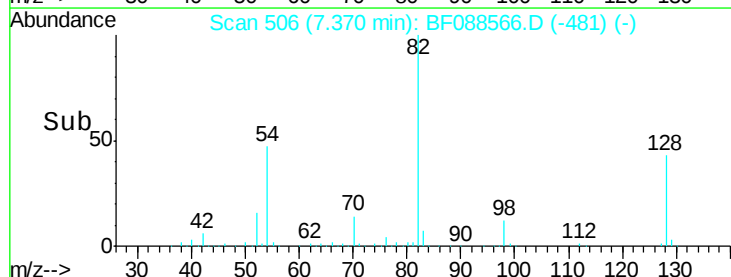
54 46.8 40.9 61.3



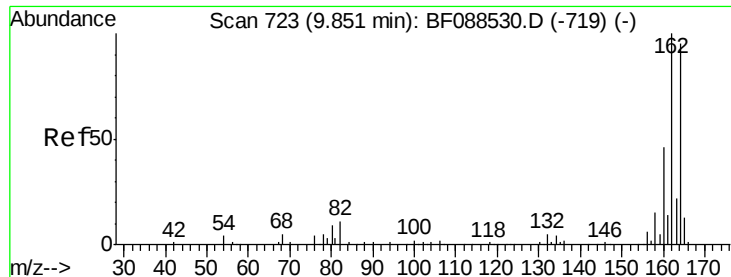
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



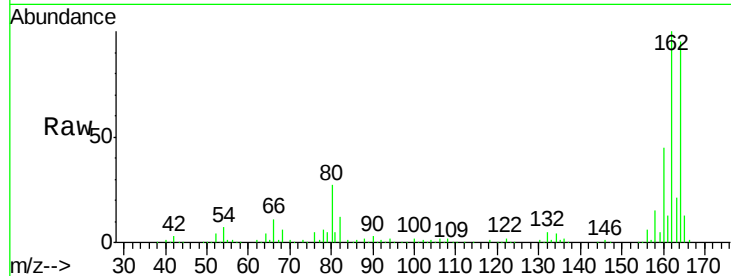
Time--> 7.30 7.35 7.40



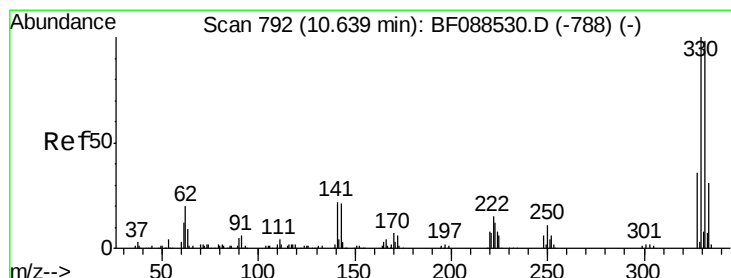
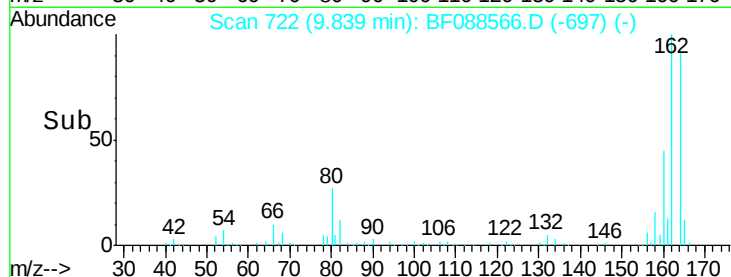
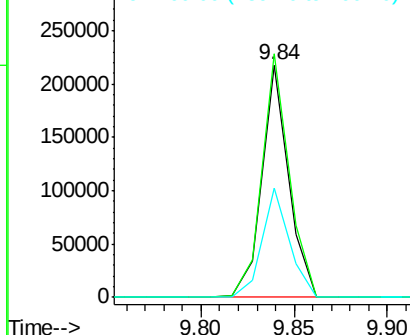
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 214638
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 46.8 39.5 59.3

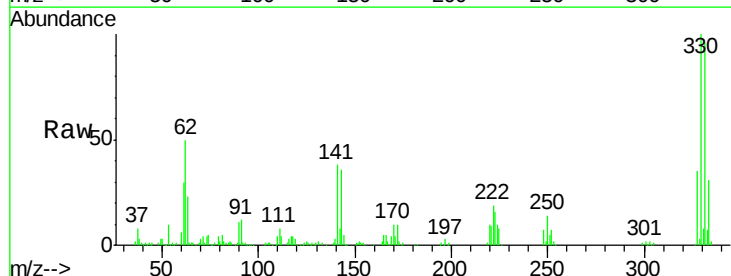


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

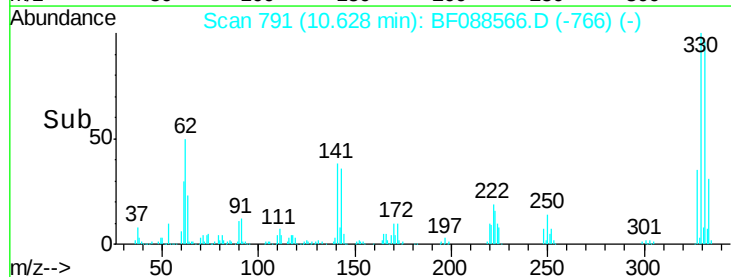
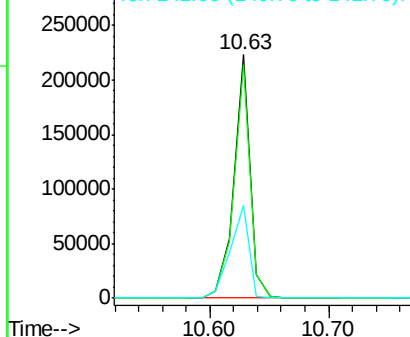


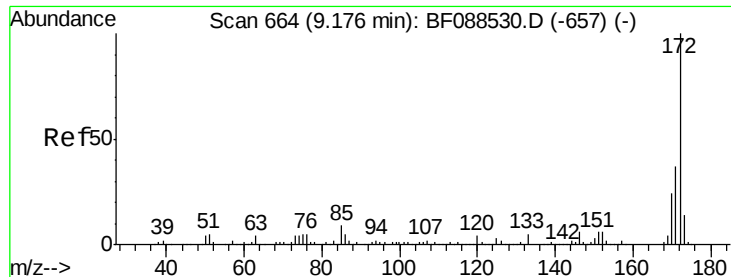
#41
 2,4,6-Tribromophenol
 Concen: 106.16 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Tgt Ion:330 Resp: 211585
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 44.5 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

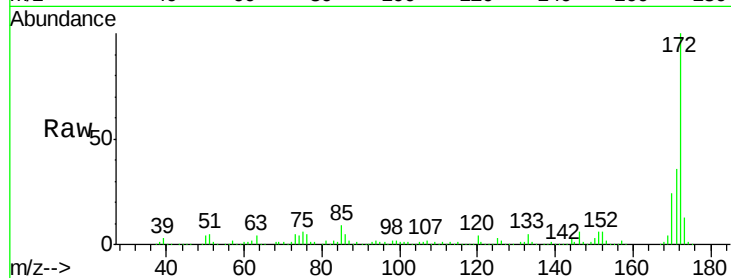




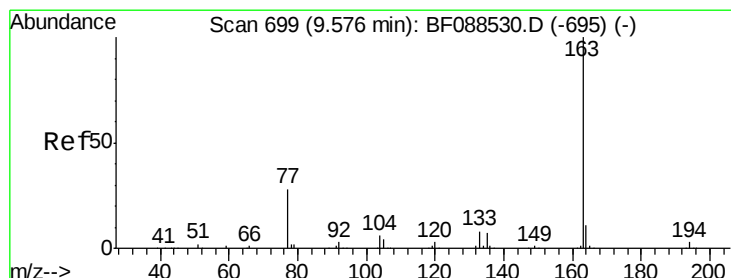
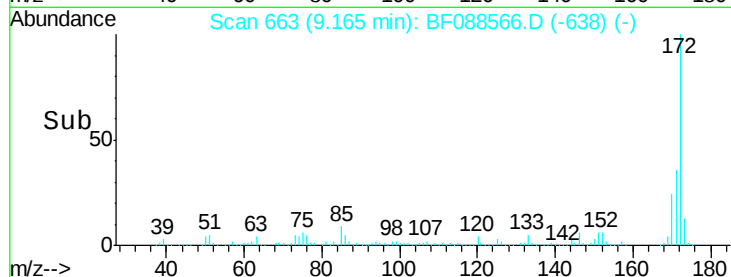
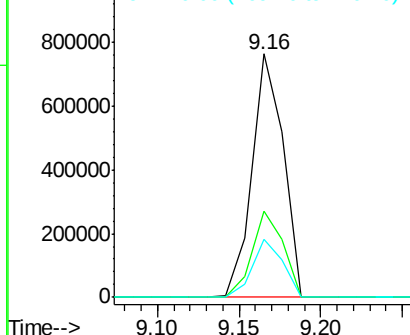
#44
2-Fluorobiphenyl
Concen: 74.41 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1011099
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.2 28.8

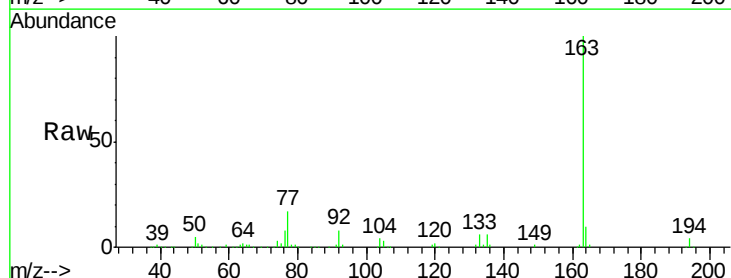


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

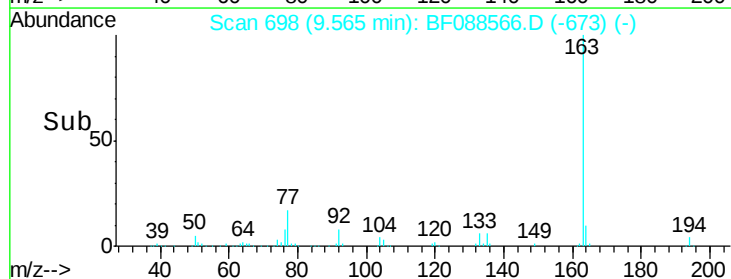
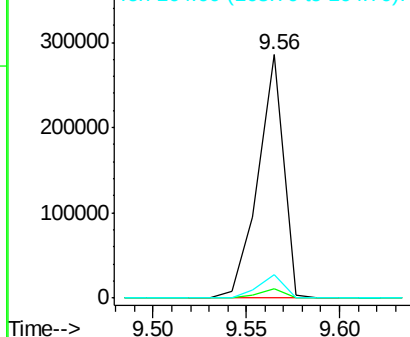


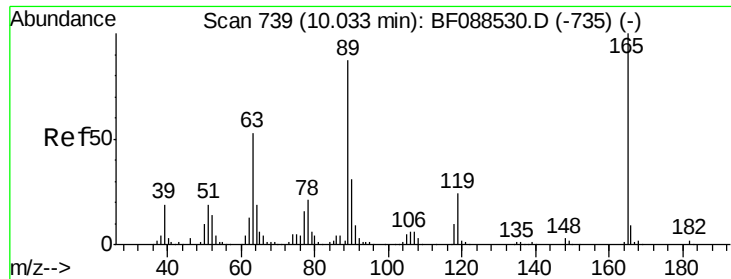
#49
Dimethylphthalate
Concen: 17.56 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088566.D
Acq: 1 Jul 2016 11:00

Tgt Ion:163 Resp: 268472
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

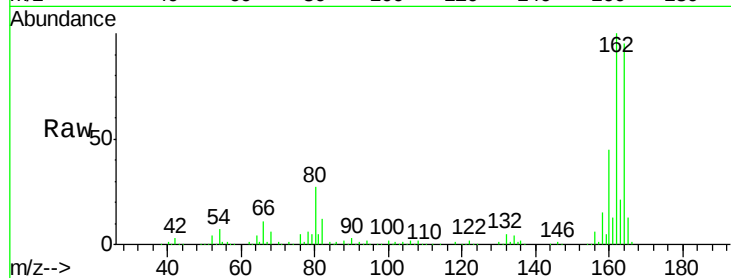




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

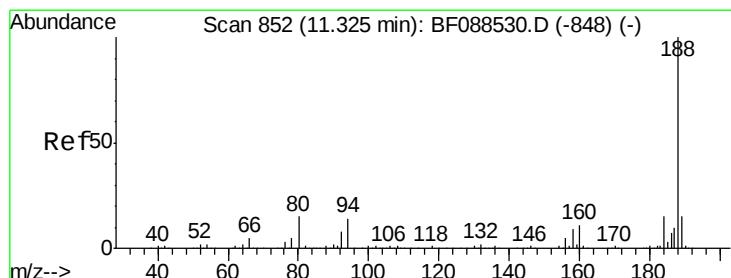
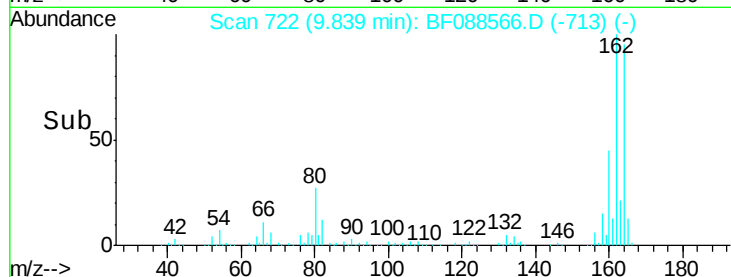
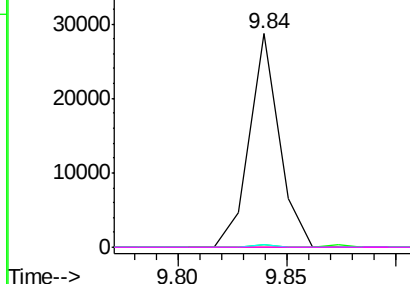


Abundance Ion 165.00 (164.70 to 165.70): E

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



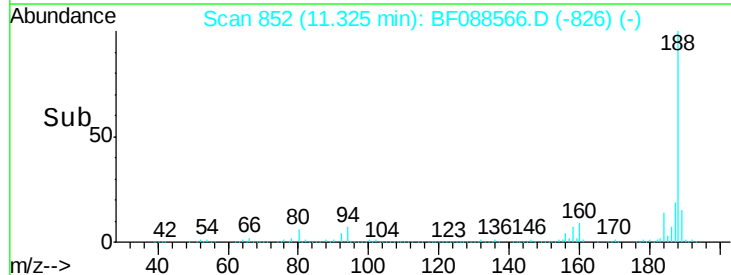
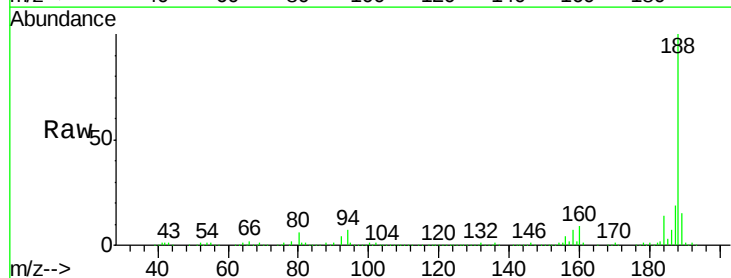
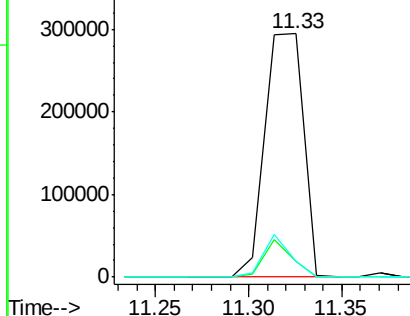
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

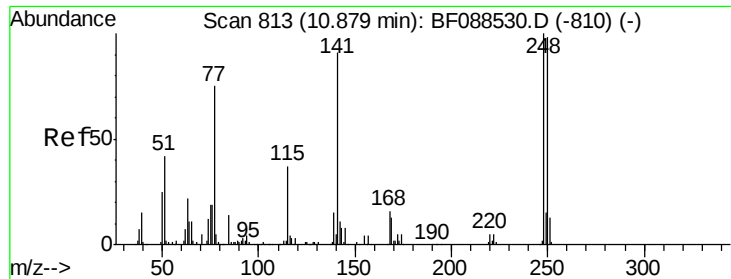
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.0	13.6#
80	6.5	10.0	15.0#

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: 3.45 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.25 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

Instrument :

BNA_F

ClientSampleId :

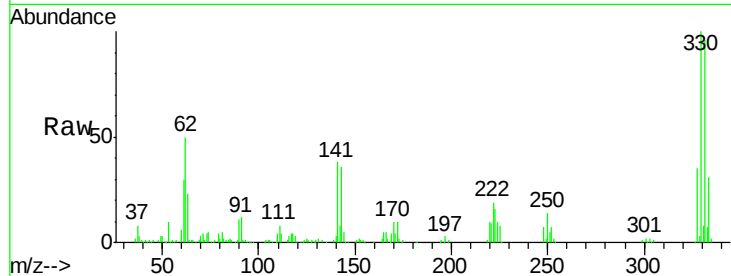
Tot Ion:248 Resp: 14652

Ion Ratio Lower Upper

248 100

250 198.5 77.1 115.7#

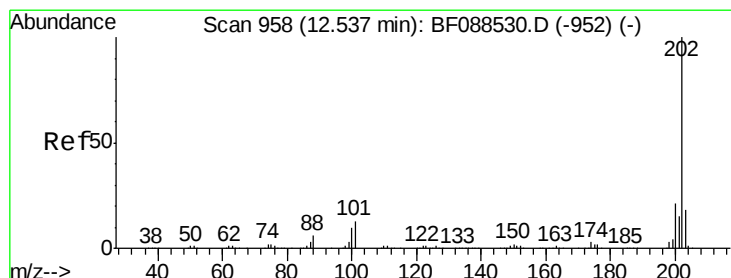
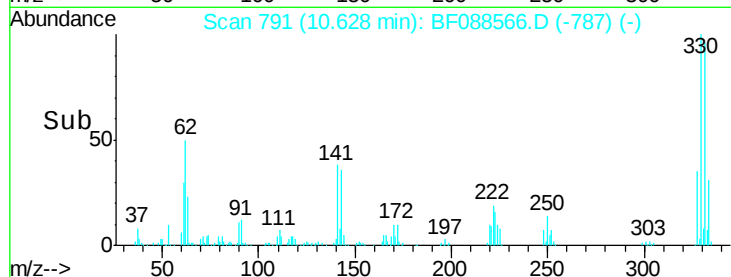
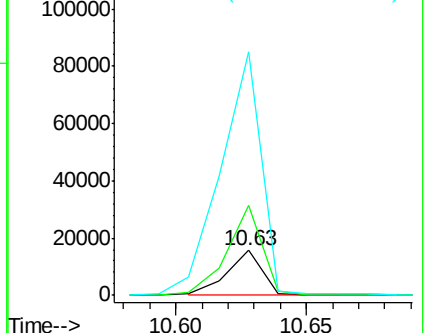
141 539.5 50.6 76.0#



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



#74

Fluoranthene

Concen: 2.03 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088566.D

Acq: 1 Jul 2016 11:00

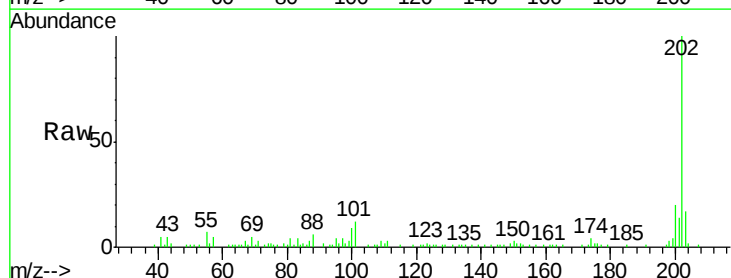
Tgt Ion:202 Resp: 47422

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.1

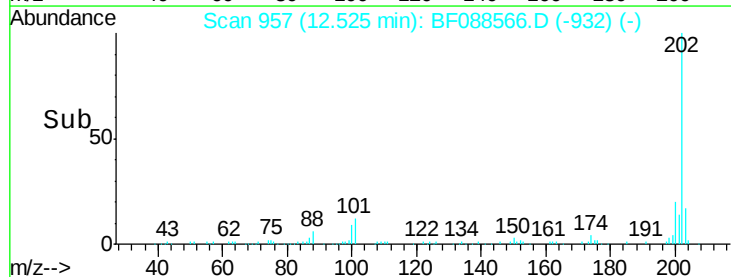
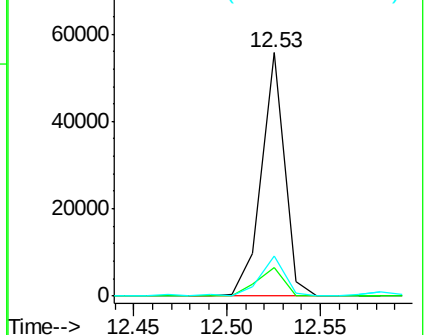
203 16.6 0.0 38.1

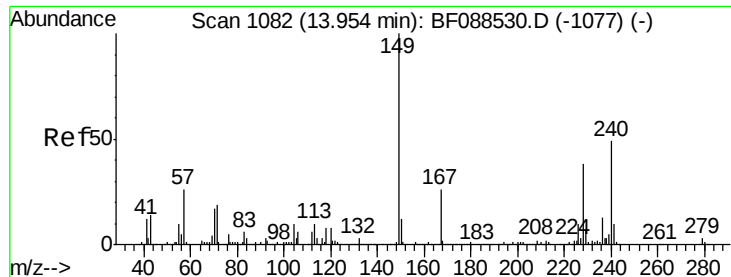


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088566.D

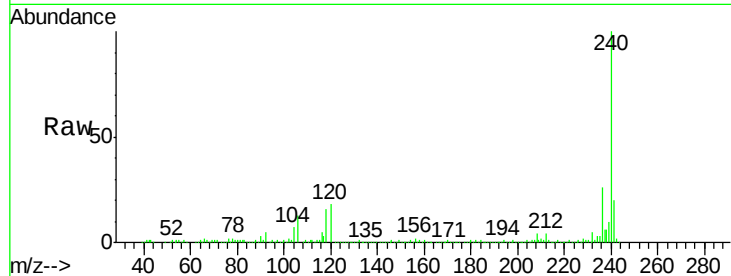
Acq: 1 Jul 2016 11:00

Instrument :

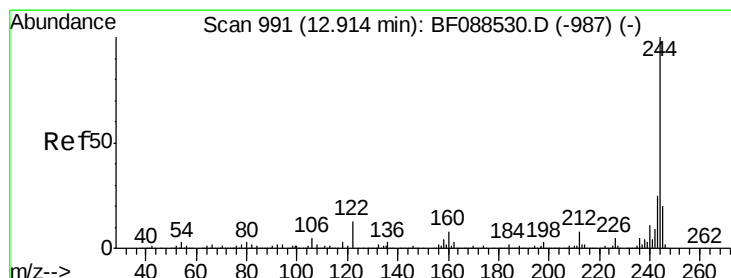
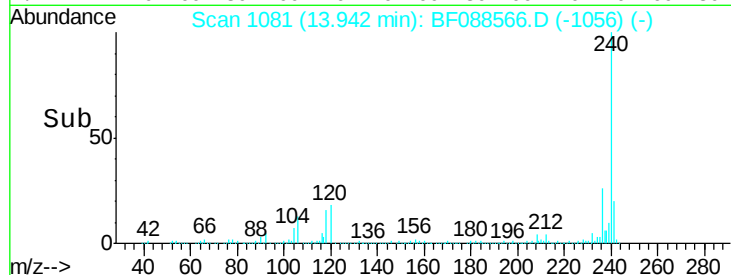
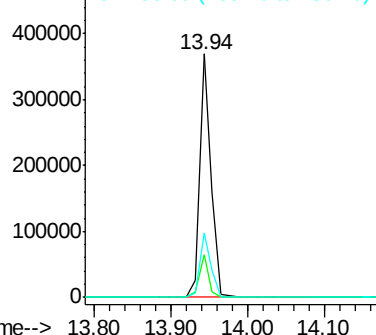
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 388367
 Ion Ratio Lower Upper
 240 100
 120 17.6 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: 51.78 ng

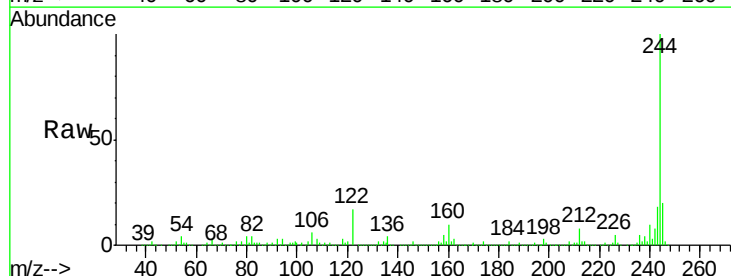
RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

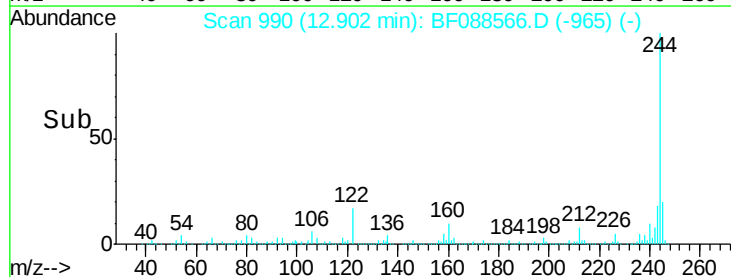
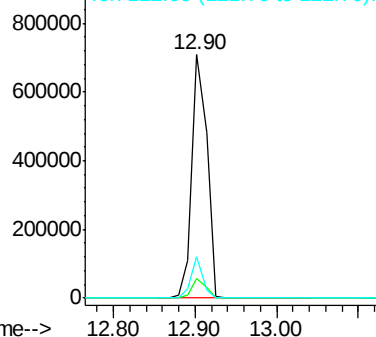
Lab File: BF088566.D

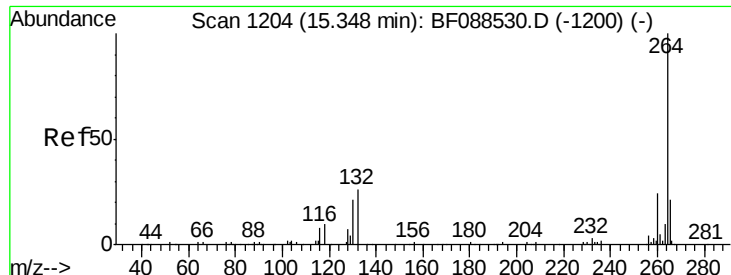
Acq: 1 Jul 2016 11:00

Tgt Ion:244 Resp: 902782
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 16.8 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

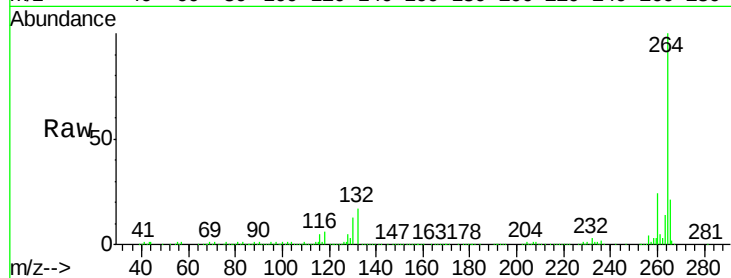




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088566.D
 Acq: 1 Jul 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	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

