

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088699.D
 Acq On : 5 Jul 2016 13:19
 Operator : UM/SJ
 Sample : H3824-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

Quant Time: Jul 05 17:11:00 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

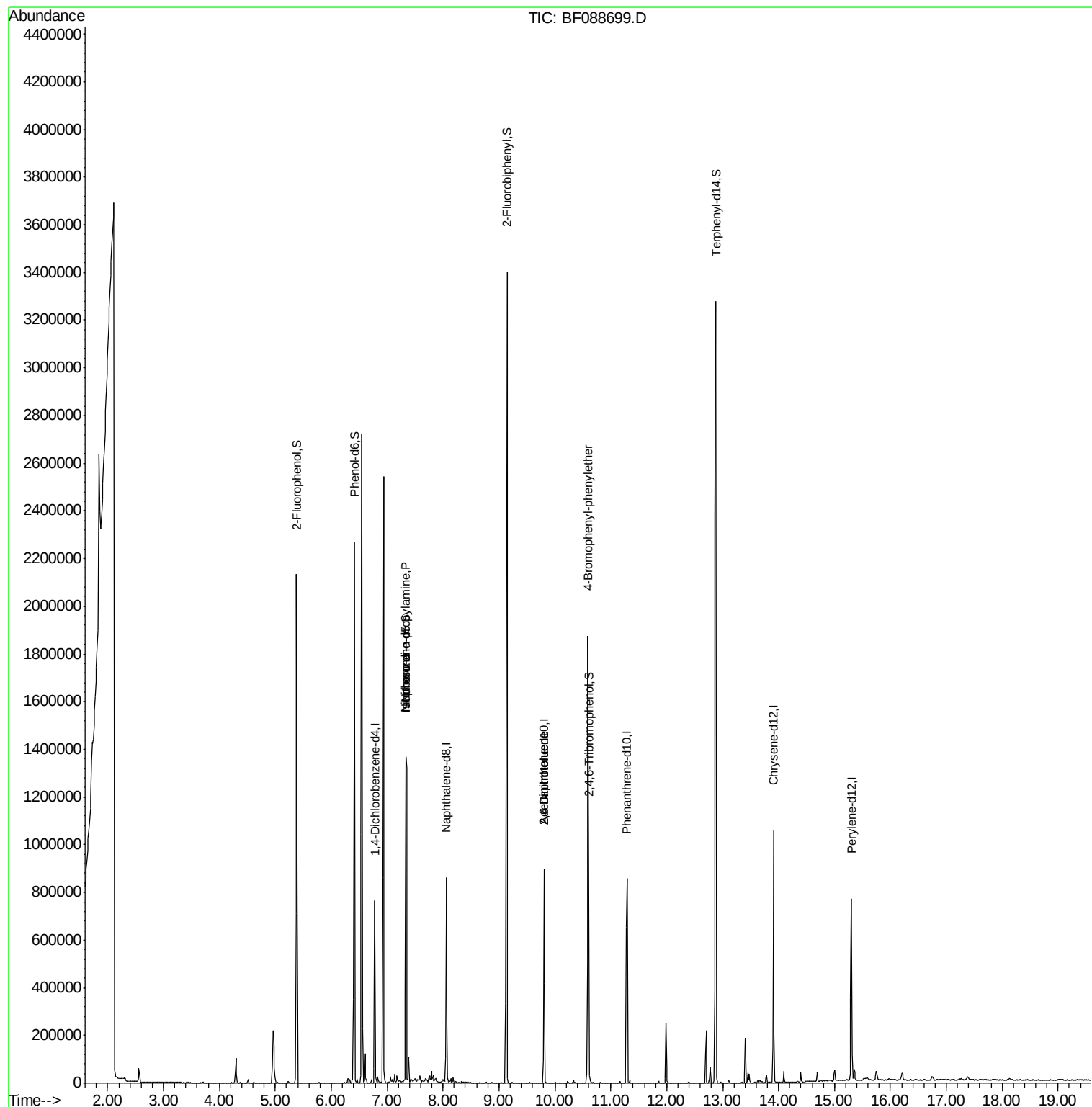
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101383	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	400900	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	199966	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	414225	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	333688	20.00	ng	-0.05
86) Perylene-d12	15.30	264	310224	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	736390	108.86	ng	-0.02
7) Phenol-d6	6.42	99	1078651	123.40	ng	-0.02
23) Nitrobenzene-d5	7.34	82	740148	96.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	319696	172.17	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1259355	99.48	ng	-0.03
78) Terphenyl-d14	12.88	244	1326835	88.56	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	101734	17.33	ng	# 72
25) Isophorone	7.34	82	655795	46.28	ng	# 65
50) 2,6-Dinitrotoluene	9.80	165	25394	8.04	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	25396	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.59	248	18915	4.53	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: 6.78 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

Instrument :

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HSR-WC-56-062716

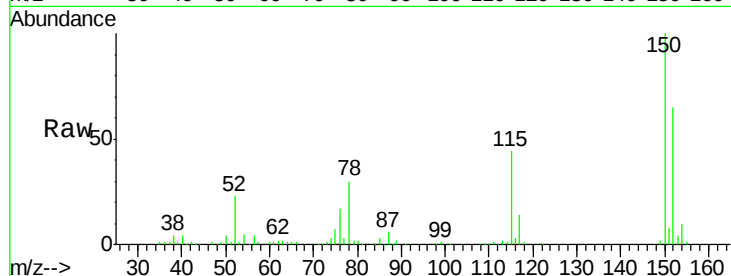
Tgt Ion:152 Resp: 101383

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

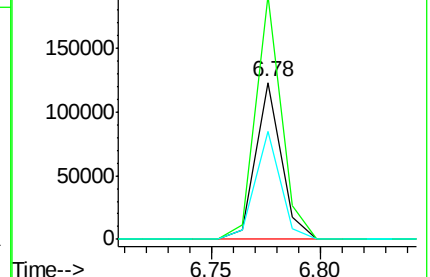
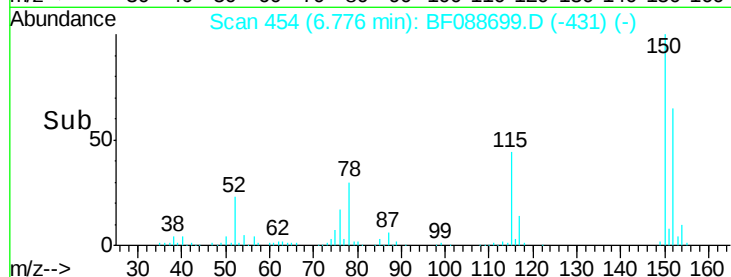
115 68.6 39.6 59.4#



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: 108.86 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

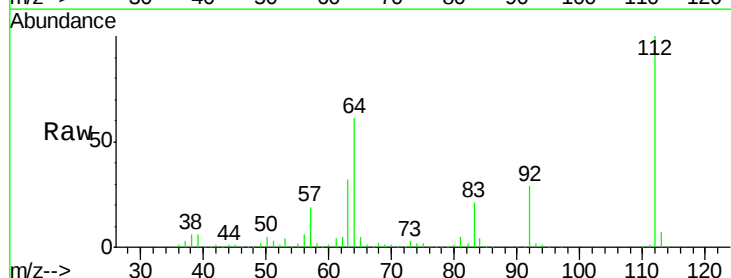
Tgt Ion:112 Resp: 736390

Ion Ratio Lower Upper

112 100

64 61.4 42.2 63.2

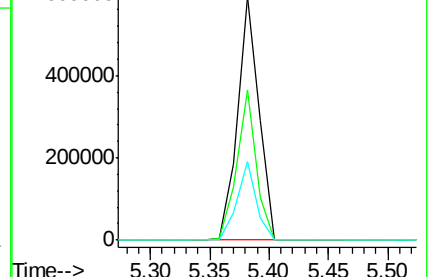
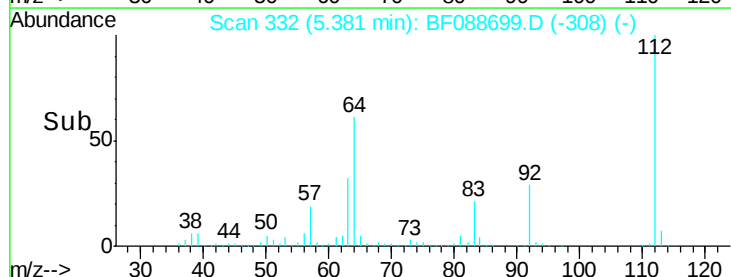
63 32.4 21.8 32.8



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: 123.40 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

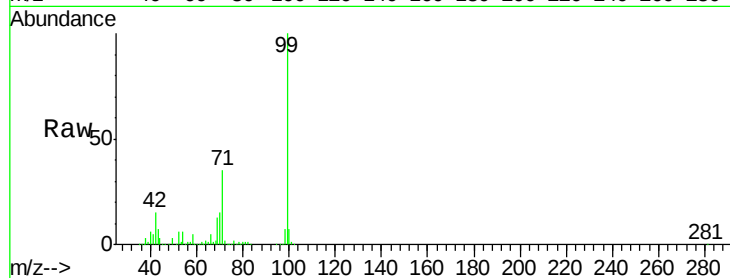
Tgt Ion: 99 Resp: 1078651

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

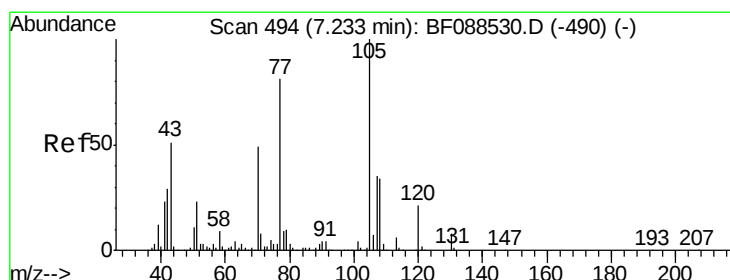
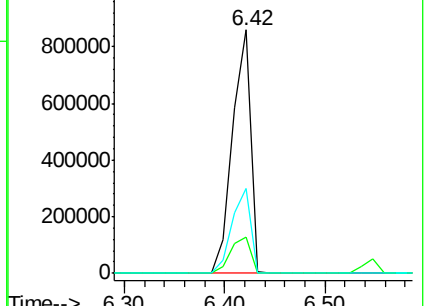
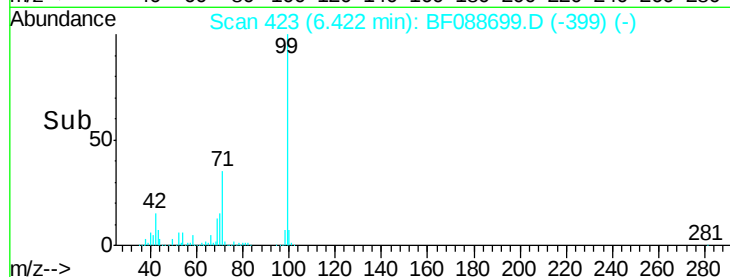
71 34.7 23.4 35.0



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: 17.33 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.10 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

Tgt Ion: 70 Resp: 101734

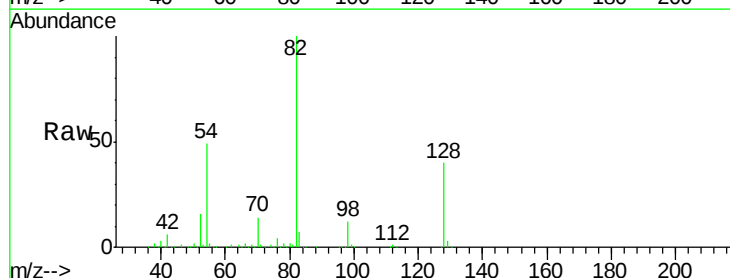
Ion Ratio Lower Upper

70 100

42 42.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

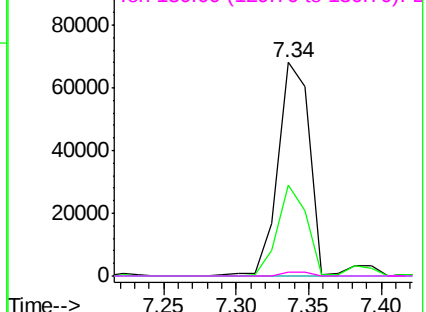
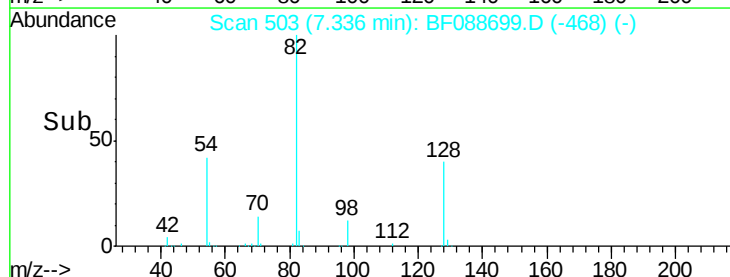


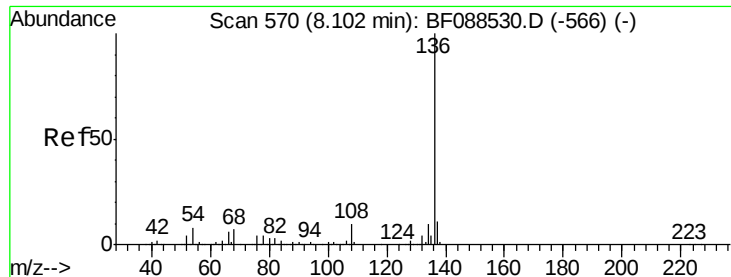
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

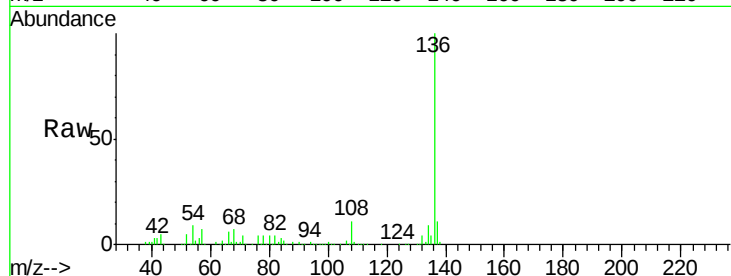




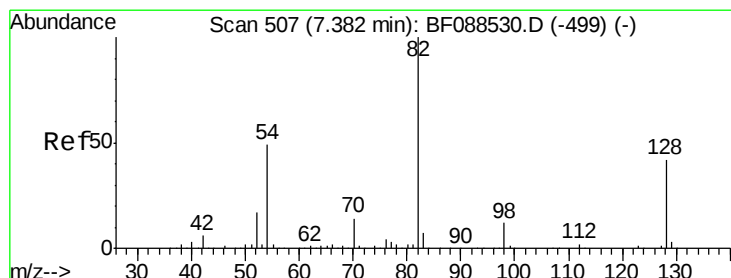
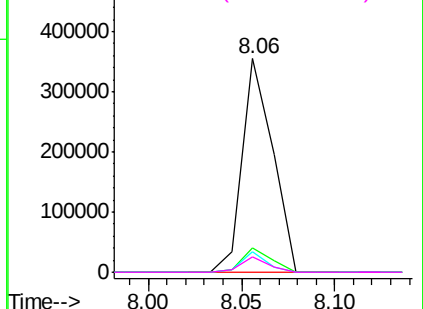
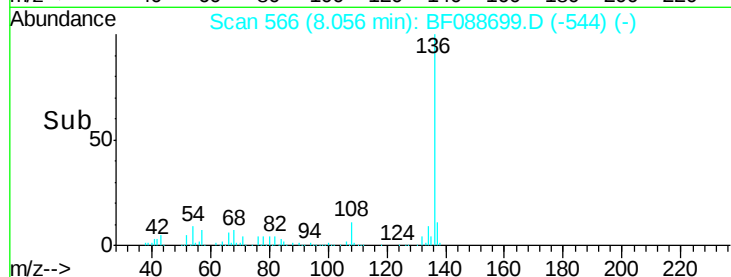
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.05 min
Lab File: BF088699.D
Acq: 5 Jul 2016 13:19

Instrument :
BNA_F
ClientSampleId :
HSR-WC-56-062716

Tgt Ion:	136	Resp:	400900
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.3	6.6	10.0
68	7.5	5.1	7.7

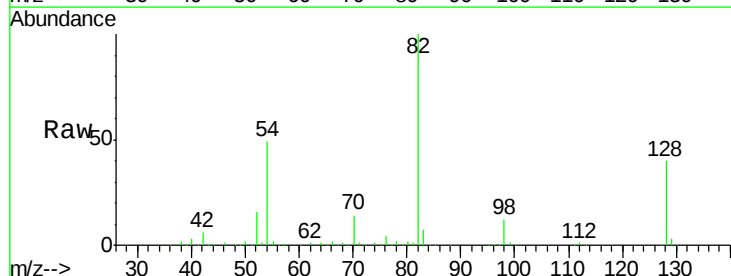


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

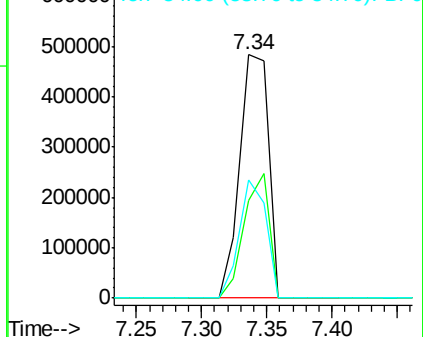
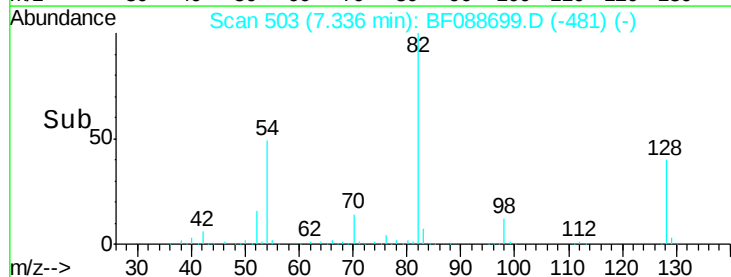


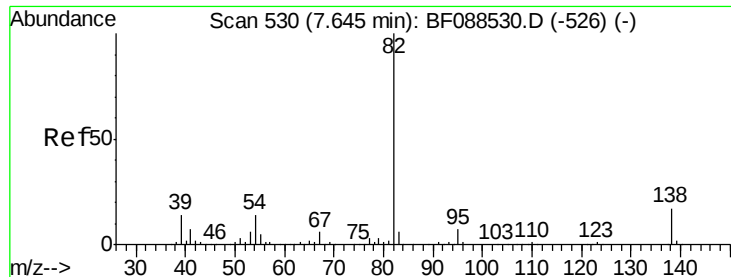
#23
Nitrobenzene-d5
Concen: 96.75 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.05 min
Lab File: BF088699.D
Acq: 5 Jul 2016 13:19

Tgt Ion:	82	Resp:	740148
Ion	Ratio	Lower	Upper
82	100		
128	39.9	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: 46.28 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.31 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

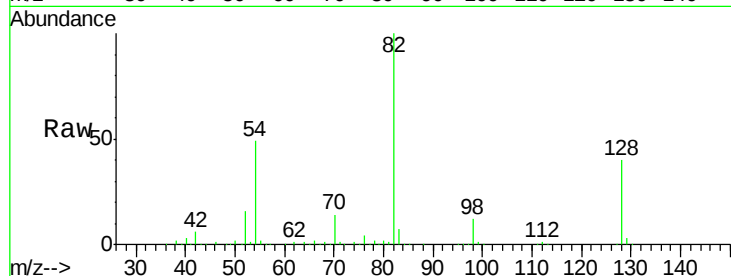
Tgt Ion: 82 Resp: 655795

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

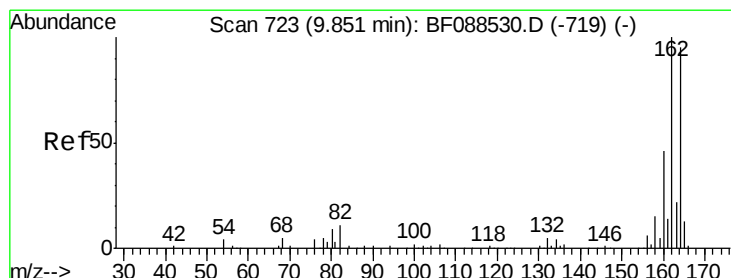
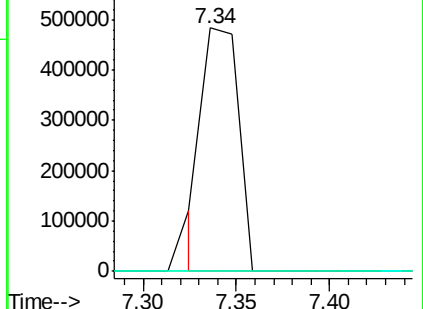
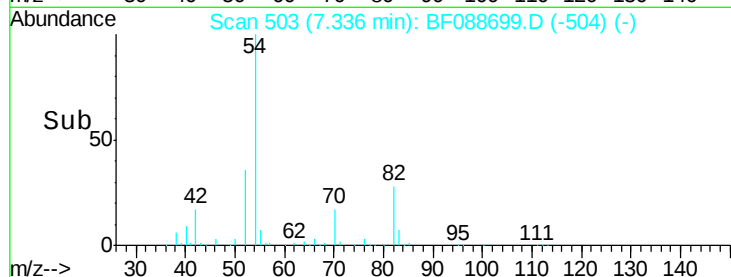
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088699.D (-504) (-)

Ion 95.00 (94.70 to 95.70): BF088699.D (-504) (-)

Ion 138.00 (137.70 to 138.70): BF088699.D (-504) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

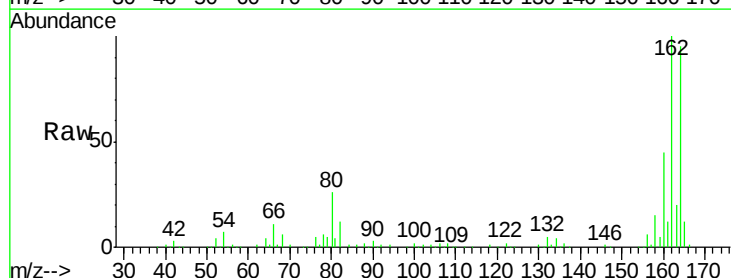
Tgt Ion: 164 Resp: 199966

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

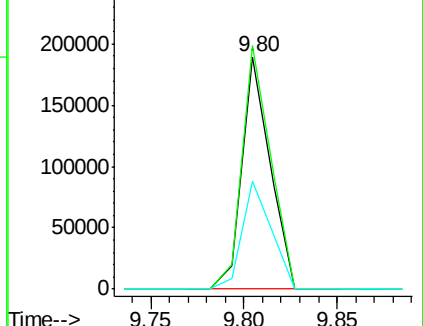
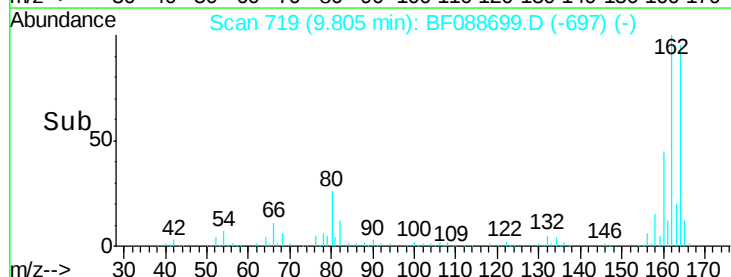
160 46.8 39.5 59.3

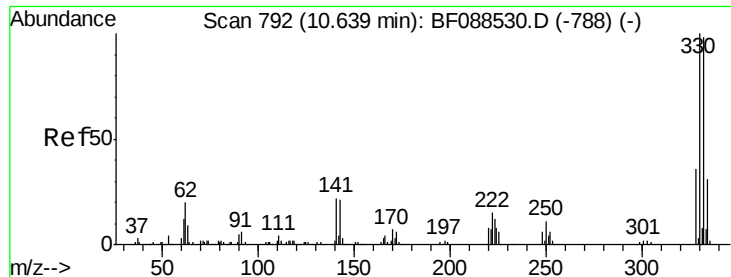


Abundance Ion 164.00 (163.70 to 164.70): BF088699.D (-697) (-)

Ion 162.00 (161.70 to 162.70): BF088699.D (-697) (-)

Ion 160.00 (159.70 to 160.70): BF088699.D (-697) (-)

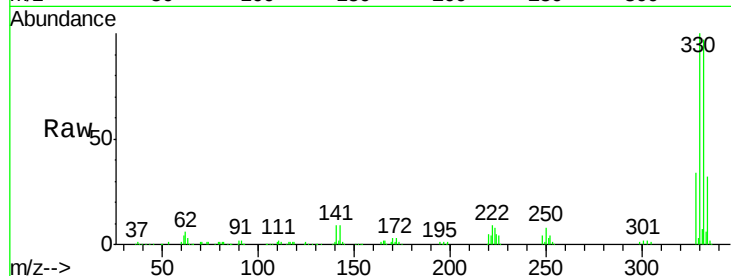




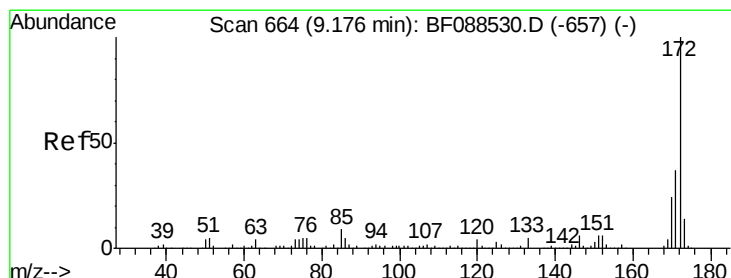
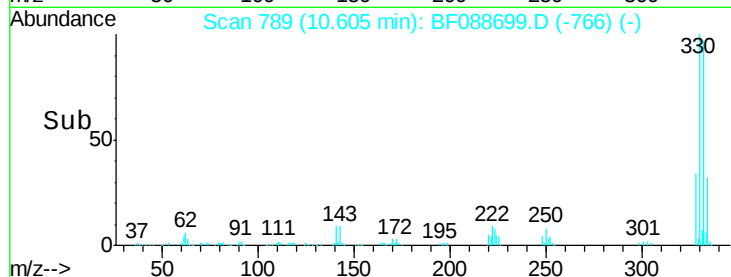
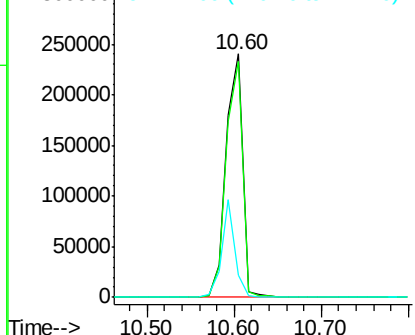
#41
 2,4,6-Tribromophenol
 Concen: 172.17 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

Tgt Ion:330 Resp: 319696
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 32.1 0.0 0.0#

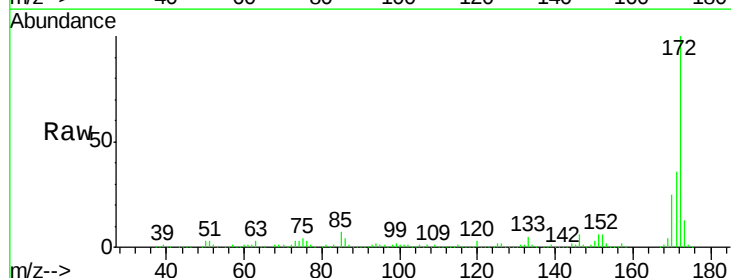


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

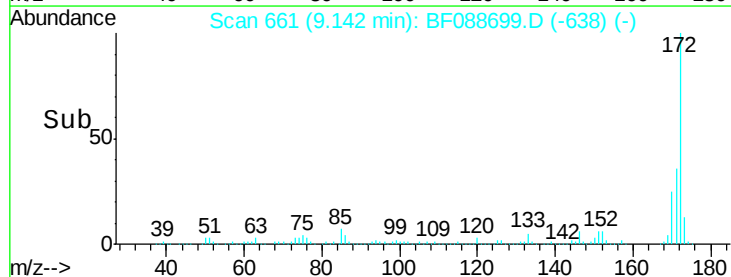
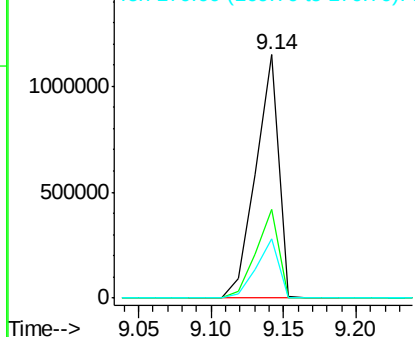


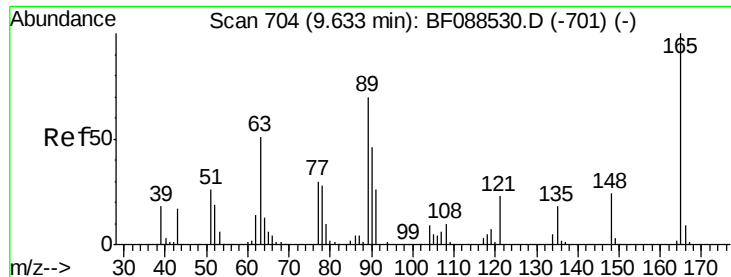
#44
 2-Fluorobiphenyl
 Concen: 99.48 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

Tgt Ion:172 Resp: 1259355
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.5 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

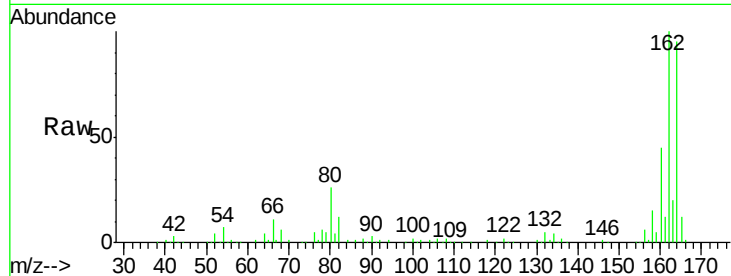




#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.17 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

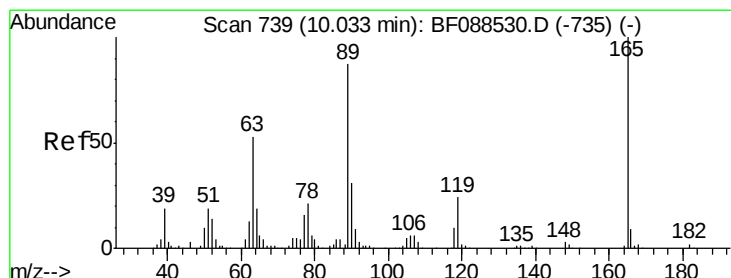
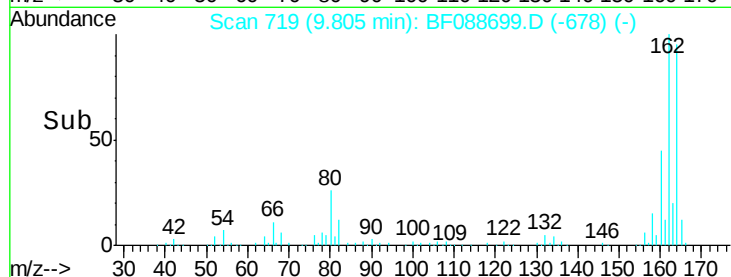
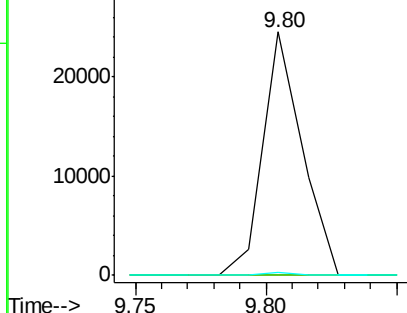
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.3	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.23 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

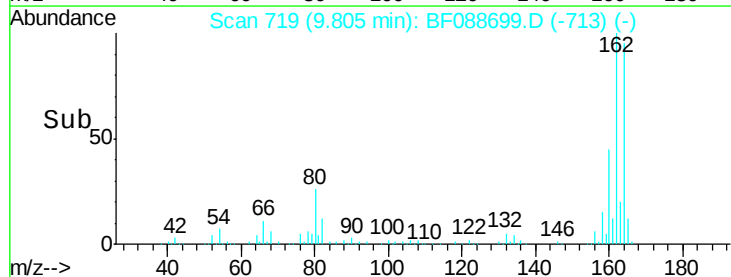
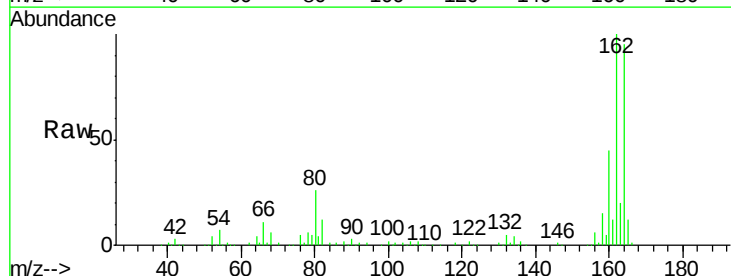
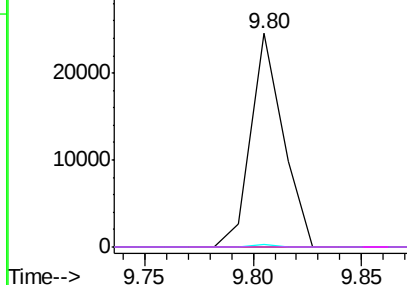
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

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

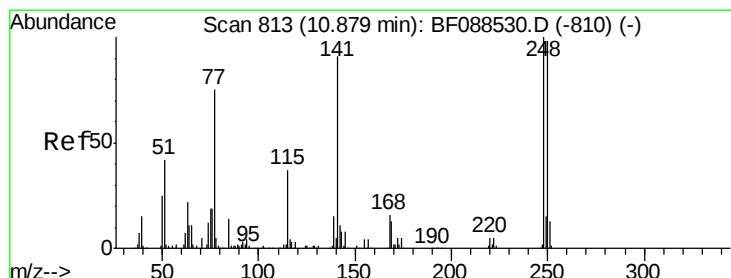
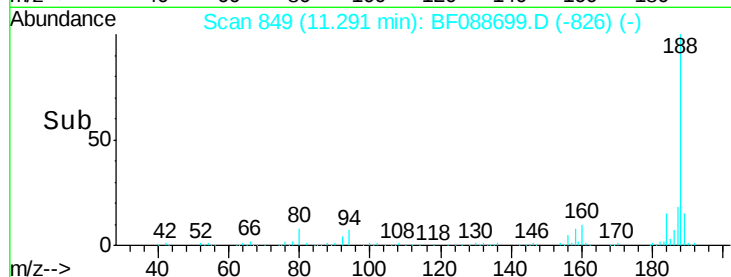
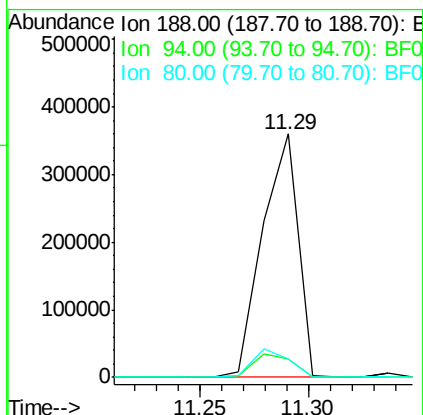
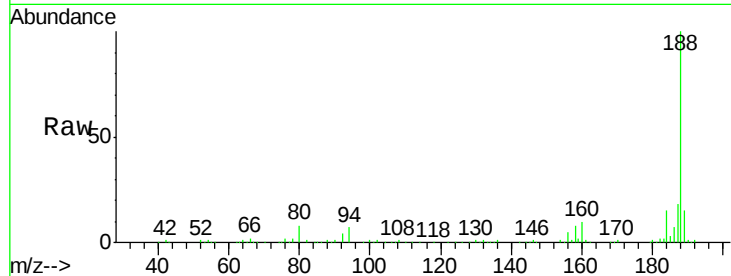




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

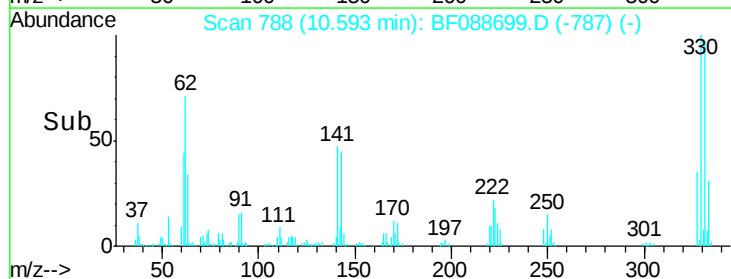
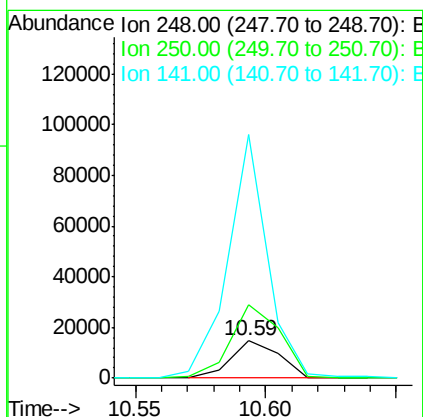
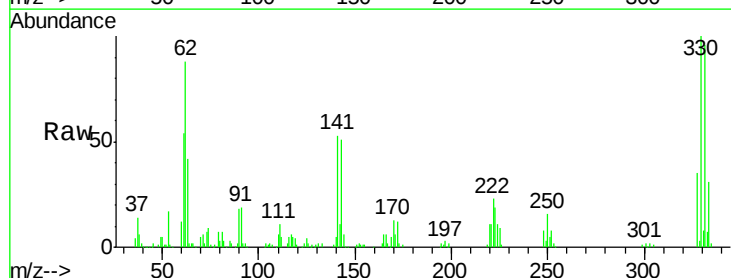
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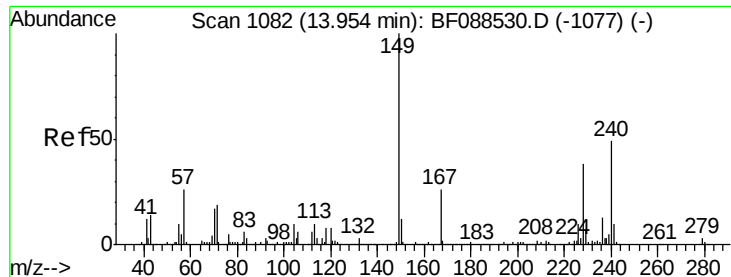
Tgt Ion:188 Resp: 414225
 Ion Ratio Lower Upper
 188 100
 94 7.4 9.0 13.6#
 80 7.6 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.29 min
 Lab File: BF088699.D
 Acq: 5 Jul 2016 13:19

Tgt Ion:248 Resp: 18915
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.1 115.7#
 141 659.0 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

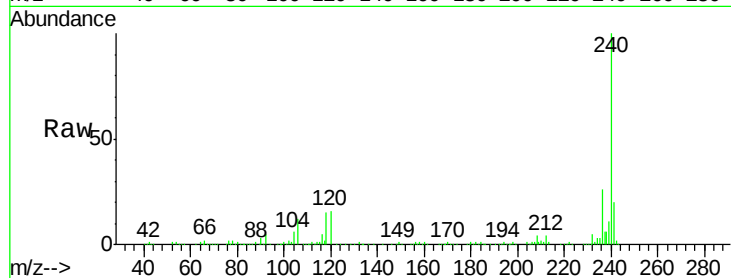
Tgt Ion:240 Resp: 333688

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

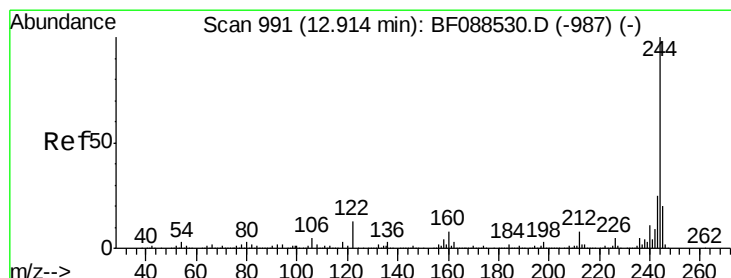
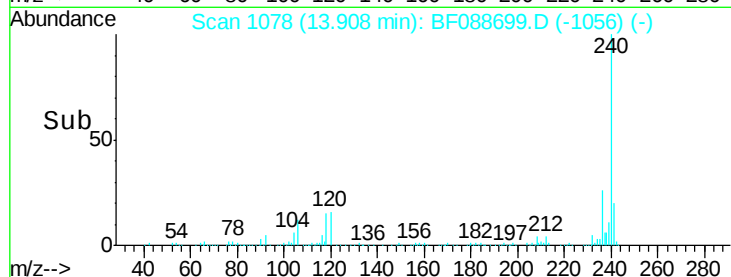
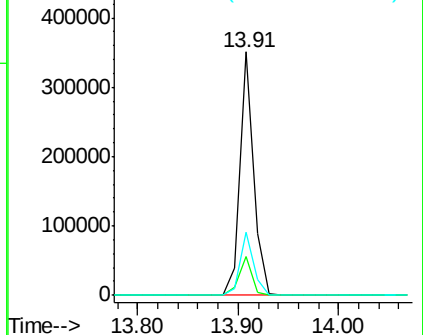
236 26.0 20.2 30.2



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: 88.56 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088699.D

Acq: 5 Jul 2016 13:19

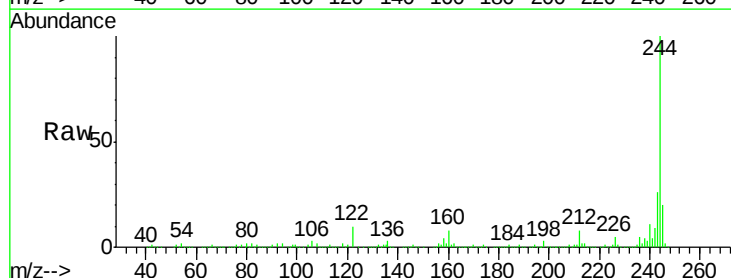
Tgt Ion:244 Resp: 1326835

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

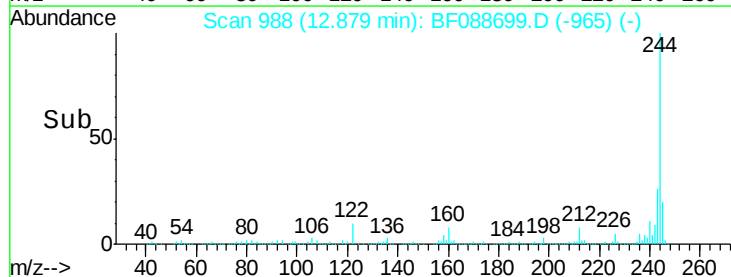
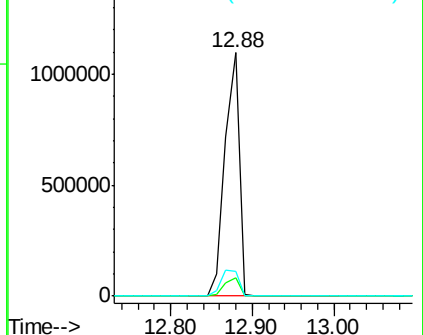
122 10.2 11.2 16.8#

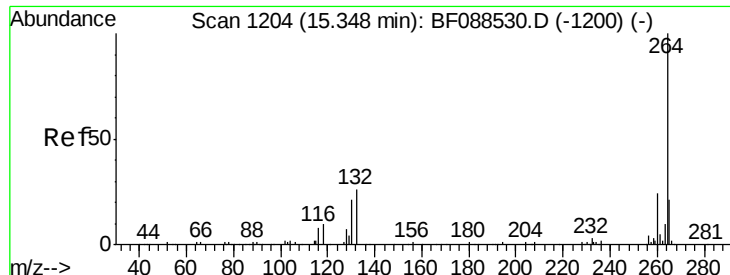


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

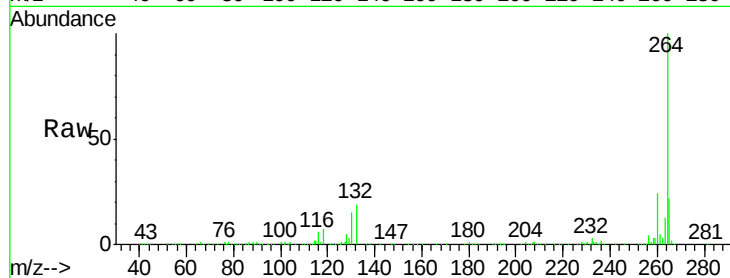




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF088699.D
Acq: 5 Jul 2016 13:19

Instrument :
BNA_F
ClientSampleId :
HSR-WC-56-062716

Tgt Ion: 264 Resp: 310224
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 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

