

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086854.D
 Acq On : 10 May 2016 11:43
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 10 13:30:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

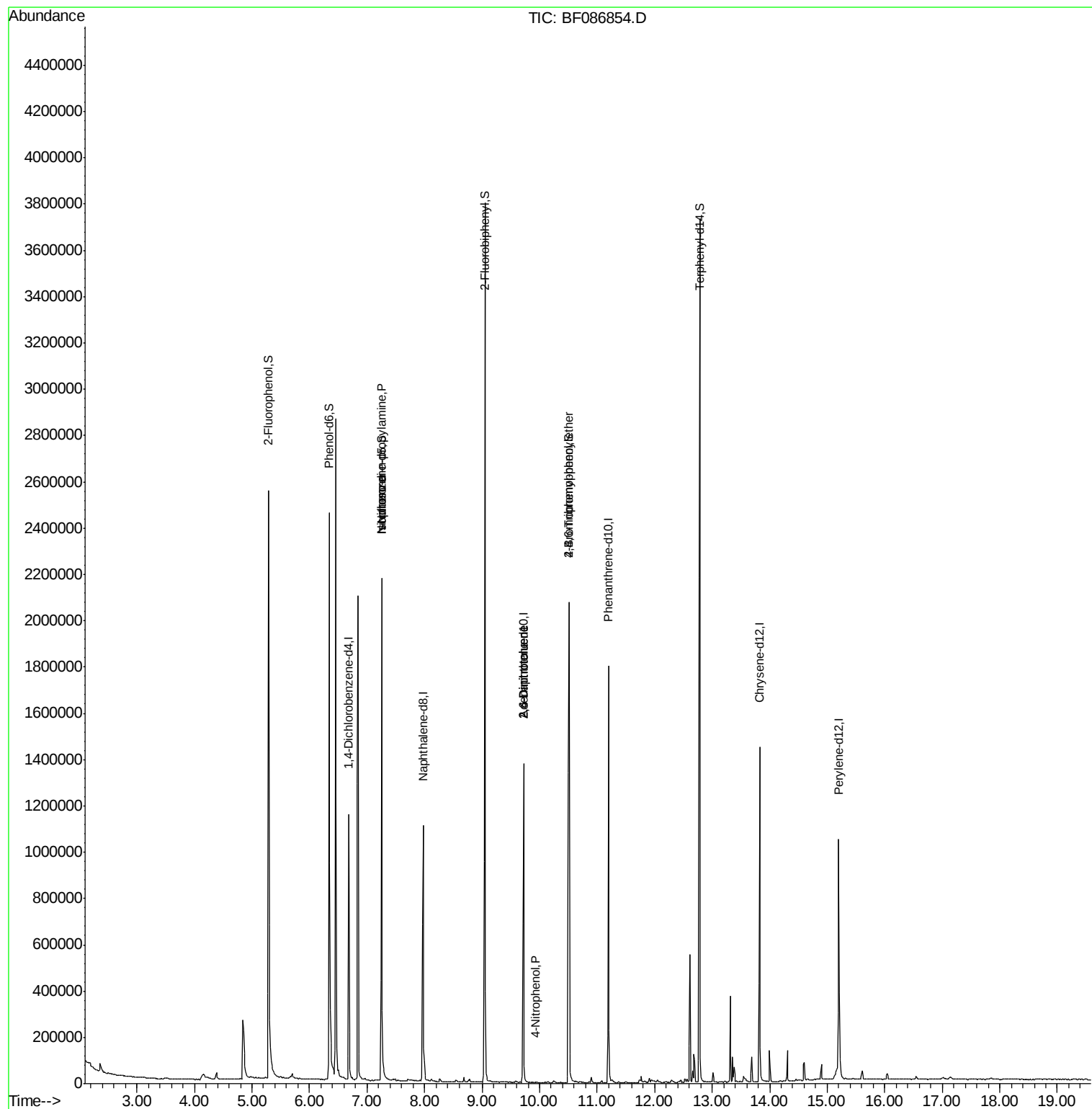
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152427	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	618254	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	307430	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	600931	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	511787	20.00	ng	-0.01
86) Perylene-d12	15.20	264	419562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	727165	80.79	ng	0.00
7) Phenol-d6	6.34	99	904224	75.17	ng	-0.02
23) Nitrobenzene-d5	7.25	82	678011	55.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	300307	92.27	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1127493	61.64	ng	-0.01
78) Terphenyl-d14	12.79	244	1329200	55.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	93789	11.16	ng	# 71
25) Isophorone	7.25	82	577599	25.28	ng	# 68
50) 2,6-Dinitrotoluene	9.72	165	38370	7.77	ng	# 21
55) 4-Nitrophenol	9.93	139	229	4.62	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	38371	6.28	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	18453	3.03	ng	# 1

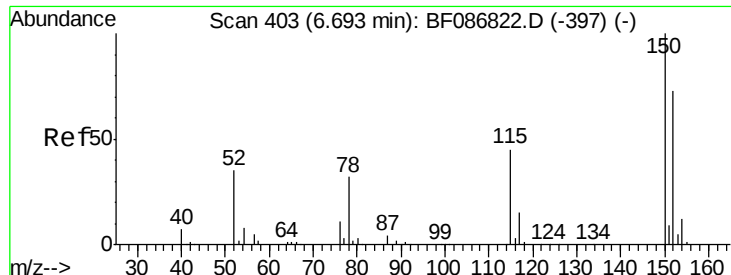
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

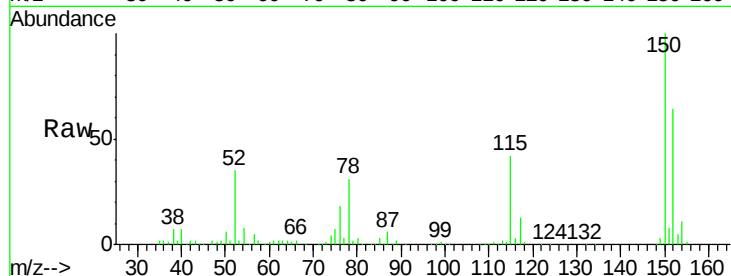
Tot Ion:152 Resp: 152427

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

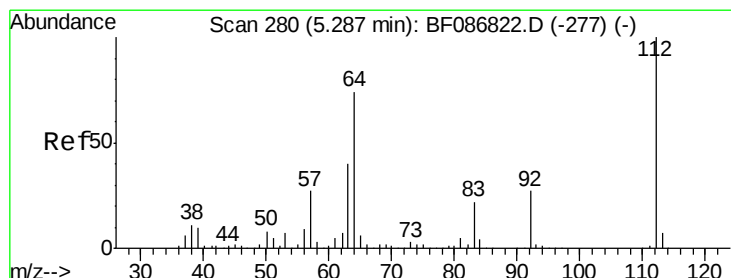
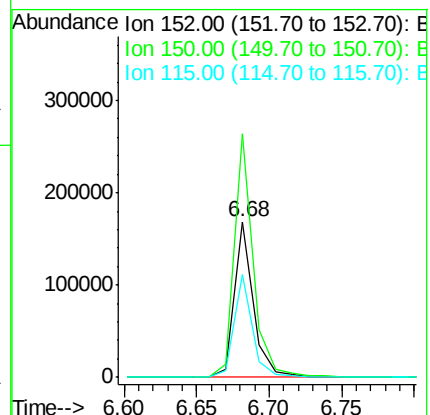
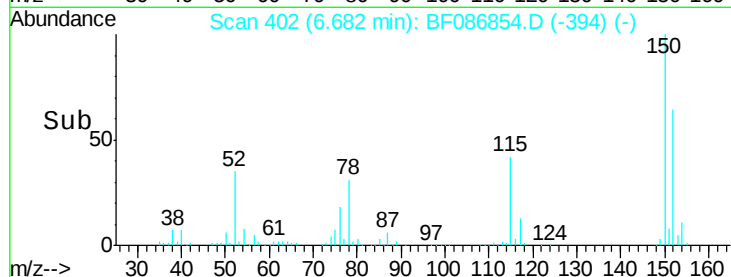
115 66.3 51.5 77.3



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: 80.79 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

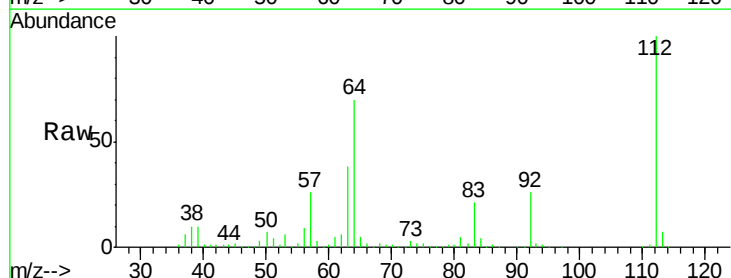
Tgt Ion:112 Resp: 727165

Ion Ratio Lower Upper

112 100

64 70.0 52.1 78.1

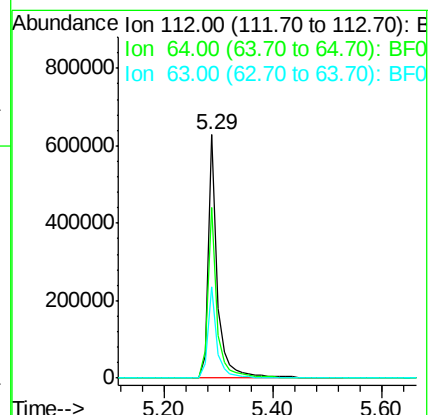
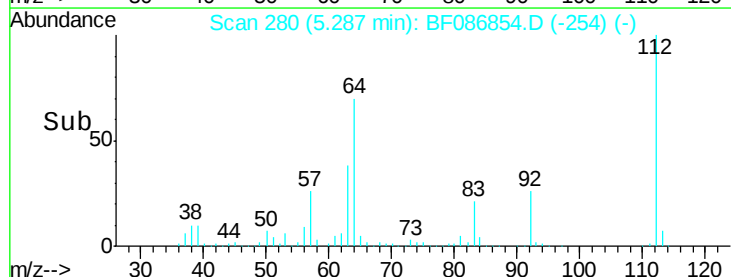
63 37.7 25.7 38.5

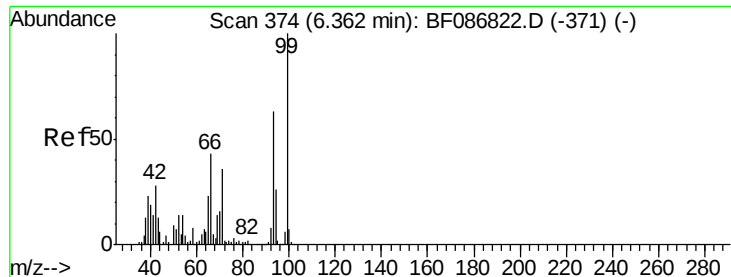


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.17 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

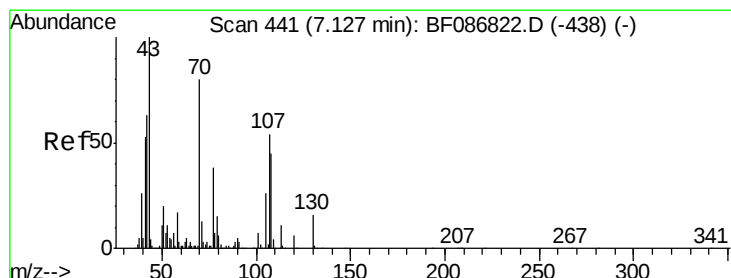
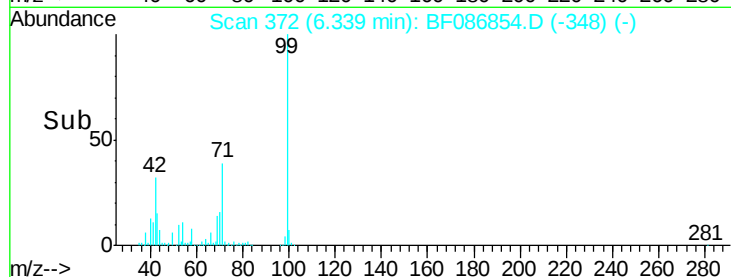
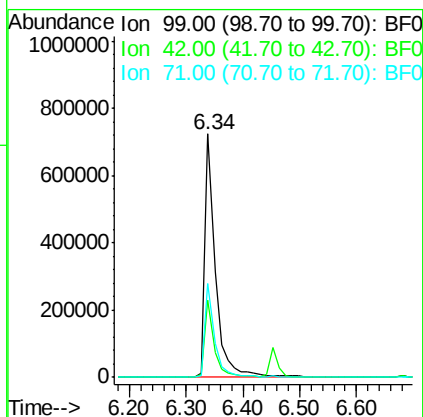
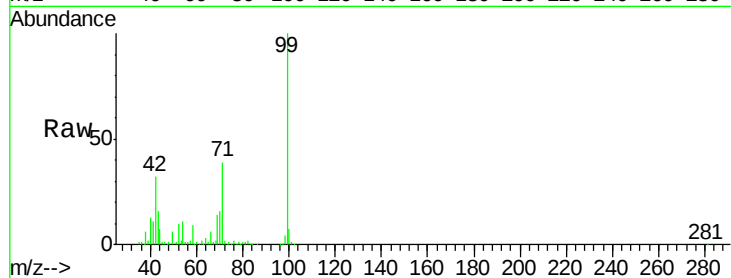
Tot Ion: 99 Resp: 904224

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 38.6 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.16 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.13 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Tgt Ion: 70 Resp: 93789

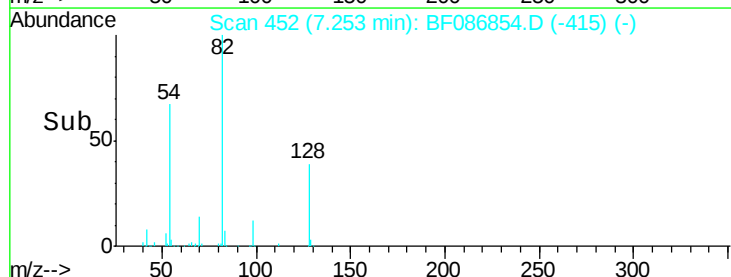
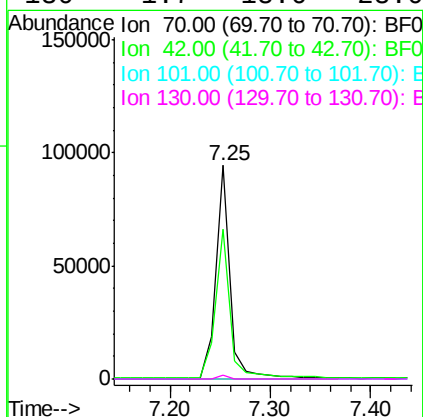
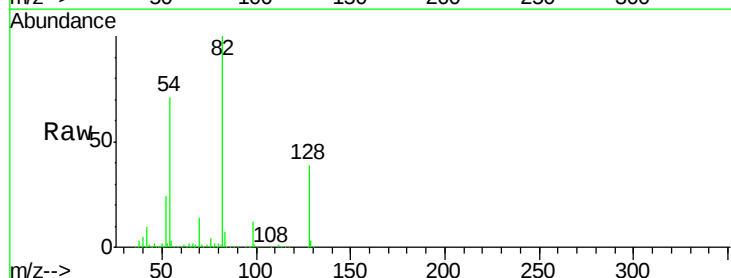
Ion Ratio Lower Upper

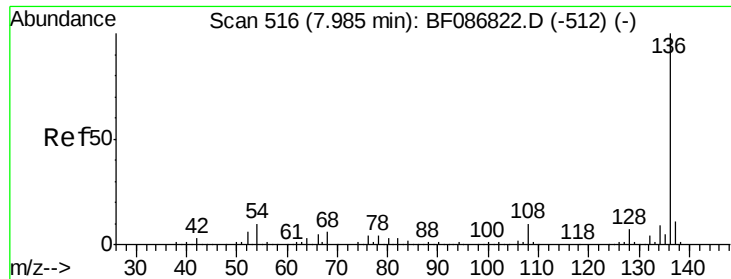
70 100

42 69.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

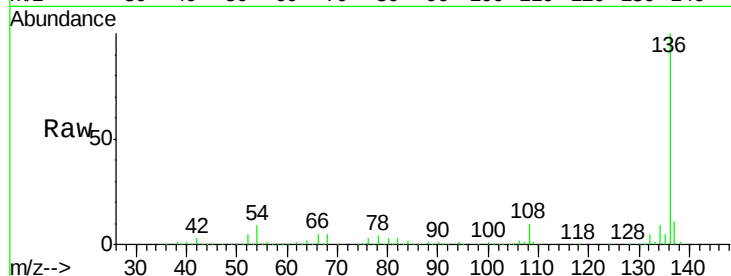




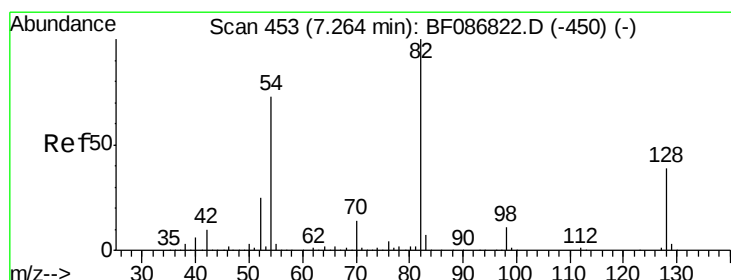
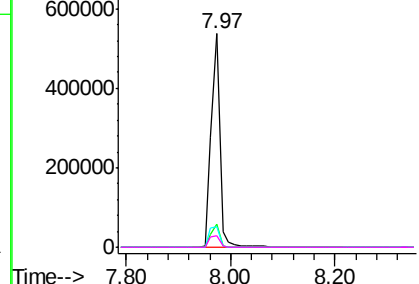
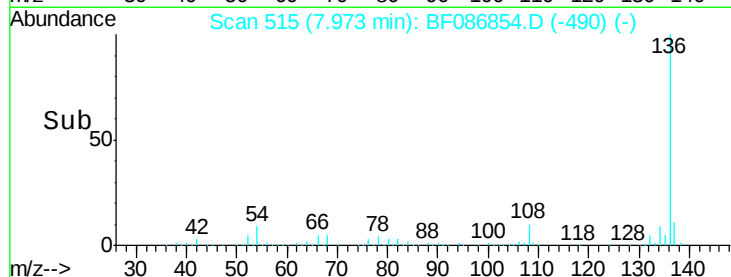
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tot Ion:136	Resp:	618254
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.4	5.0 7.4#
68	5.4	4.4 6.6

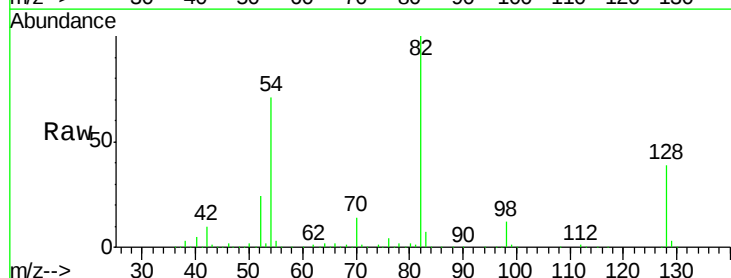


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

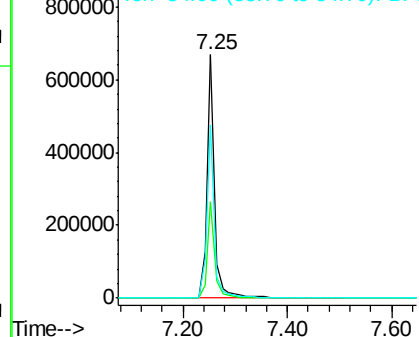
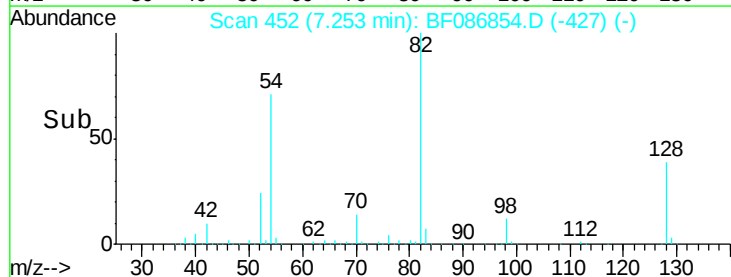


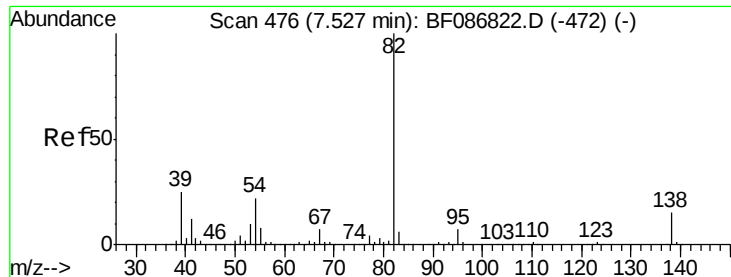
#23
Nitrobenzene-d5
Concen: 55.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

Tgt Ion: 82	Resp:	678011
Ion Ratio	Lower	Upper
82	100	
128	39.4	40.6 61.0#
54	71.3	38.1 57.1#



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: 25.28 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

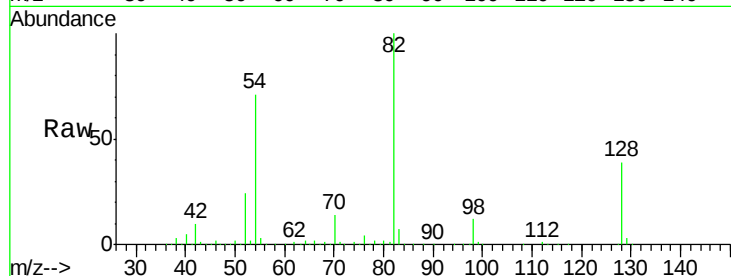
Tot Ion: 82 Resp: 577599

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

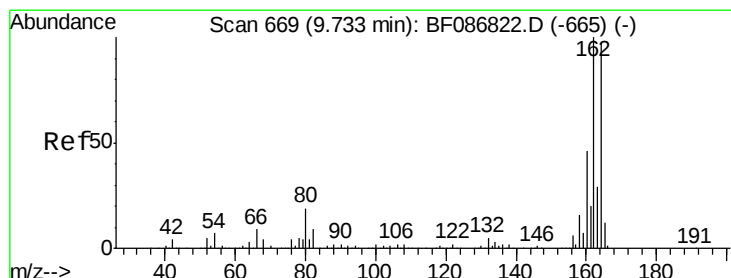
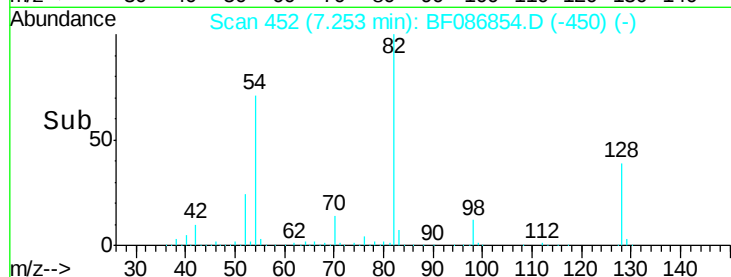
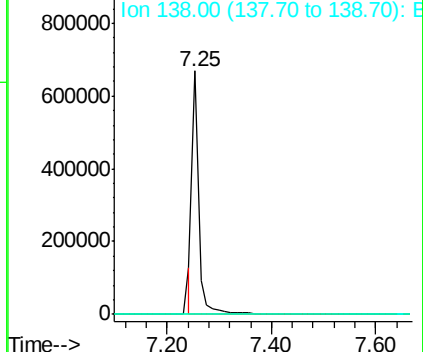
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

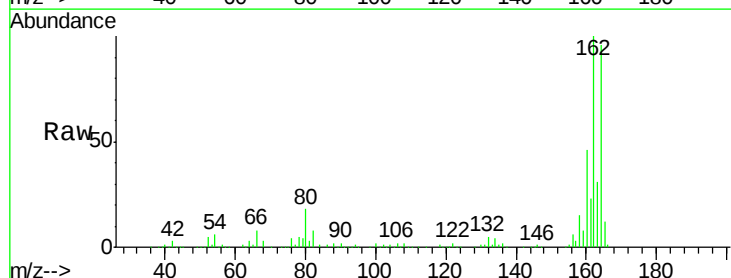
Tgt Ion: 164 Resp: 307430

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

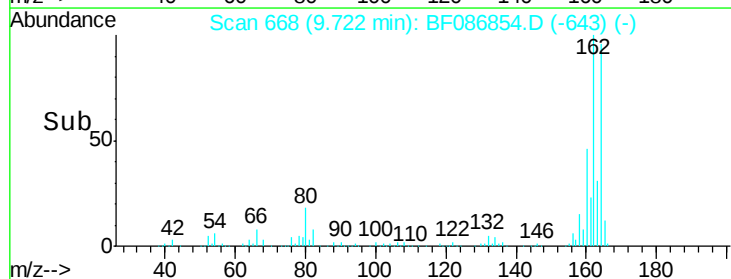
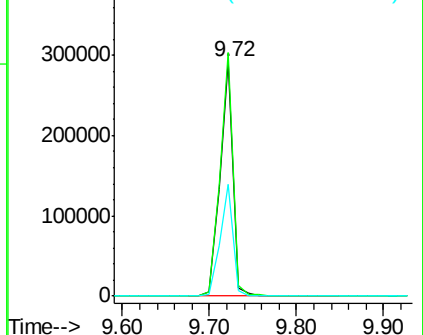
160 47.8 36.9 55.3

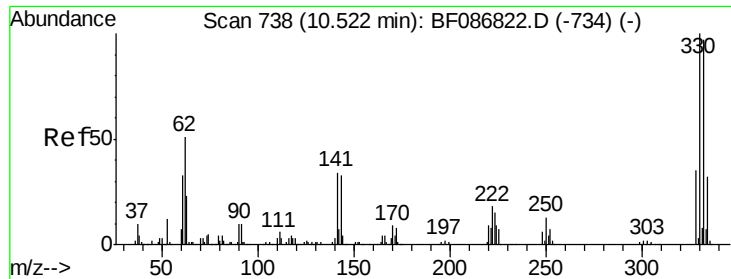


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

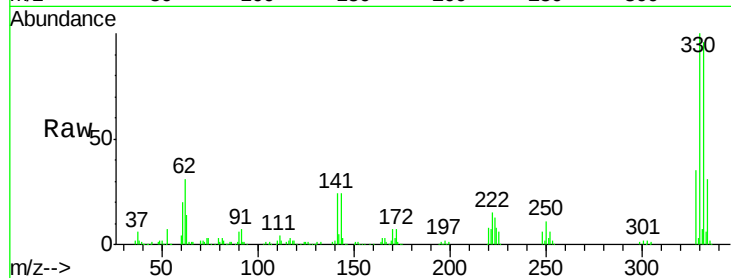




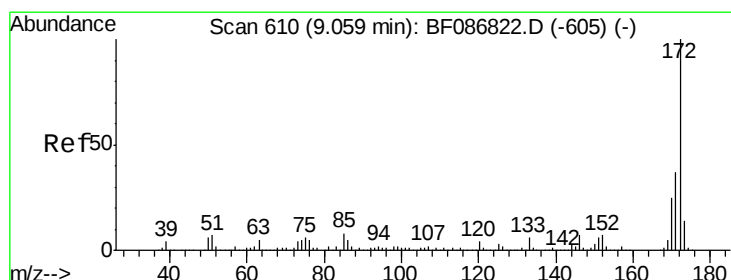
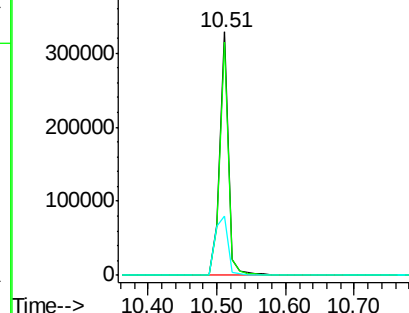
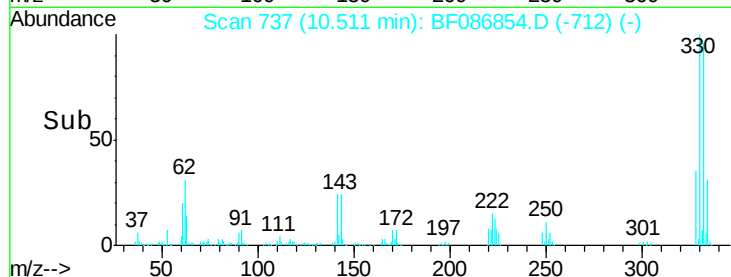
#41
 2,4,6-Tribromophenol
 Concen: 92.27 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	35.6	31.2	46.8

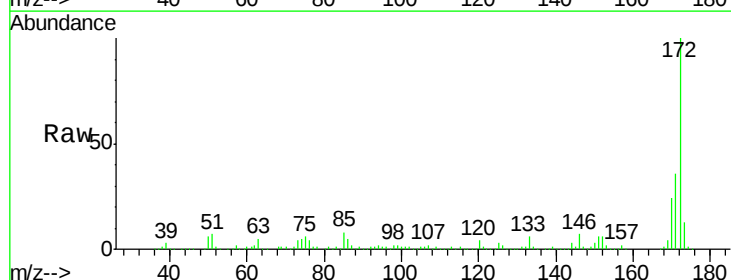


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

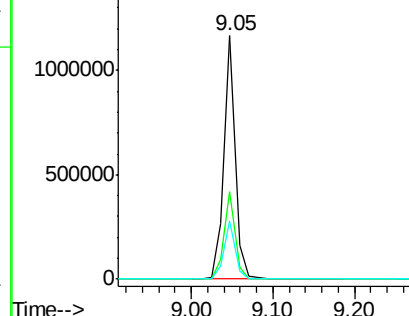
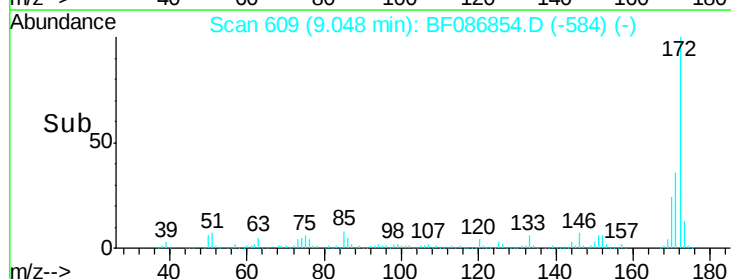


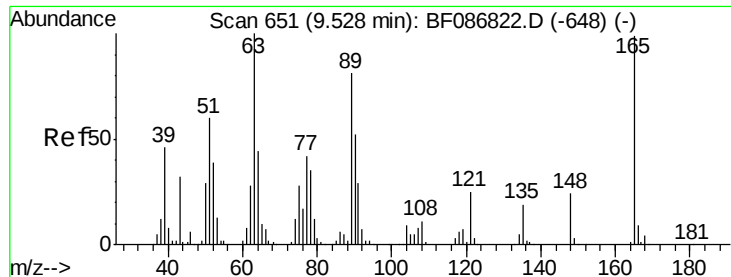
#44
 2-Fluorobiphenyl
 Concen: 61.64 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.8	29.8



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

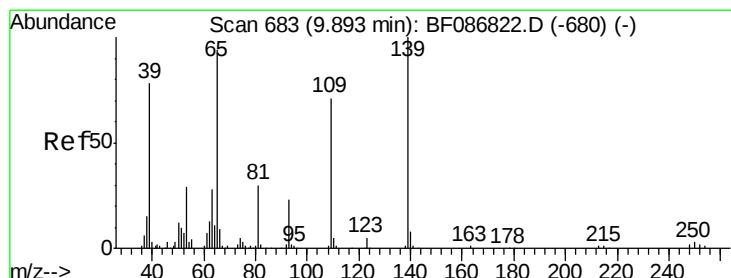
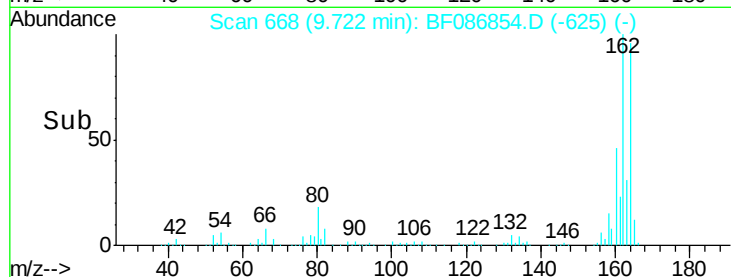
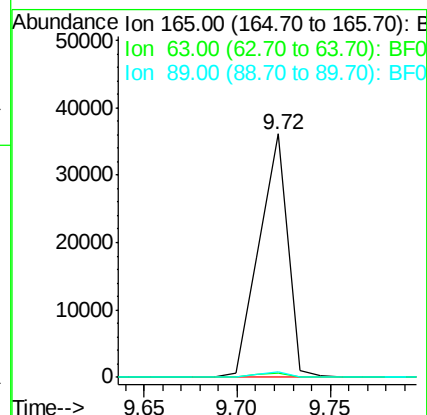
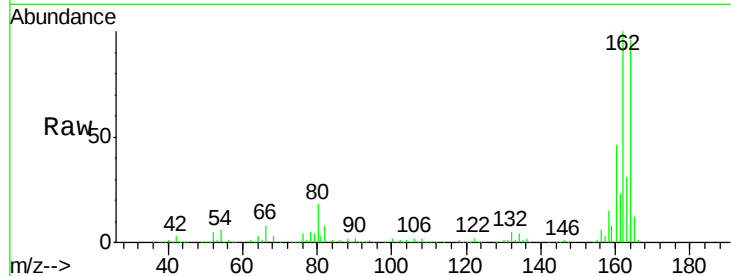




#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

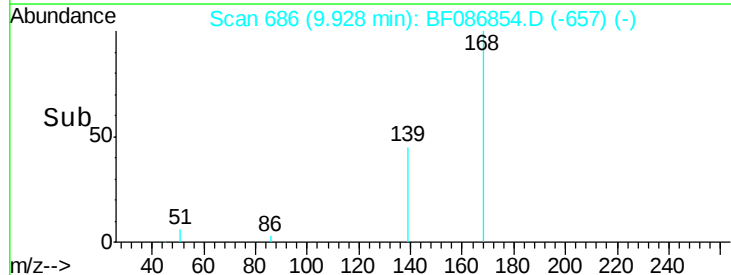
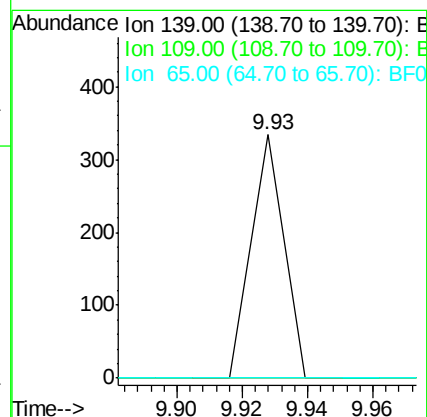
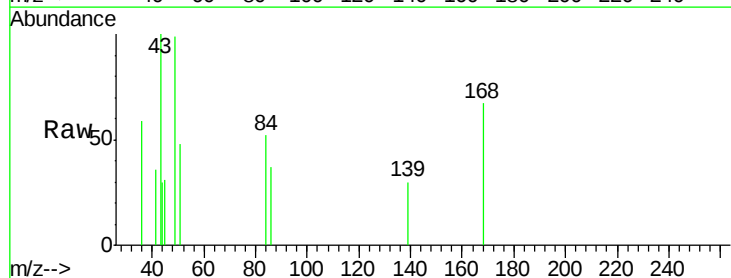
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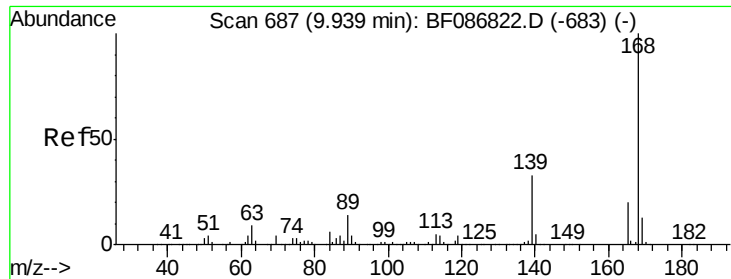
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.1	50.7	76.1#



#55
 4-Nitrophenol
 Concen: 4.62 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.03 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

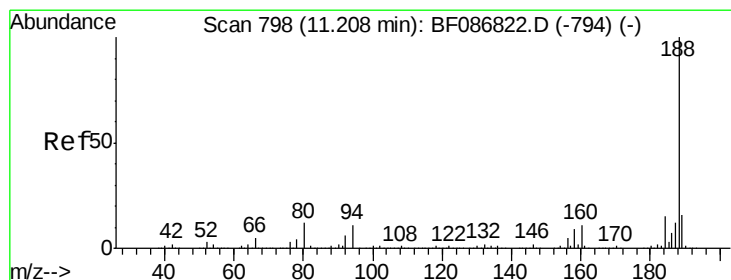
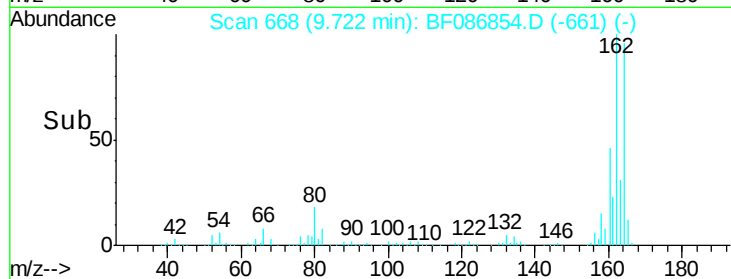
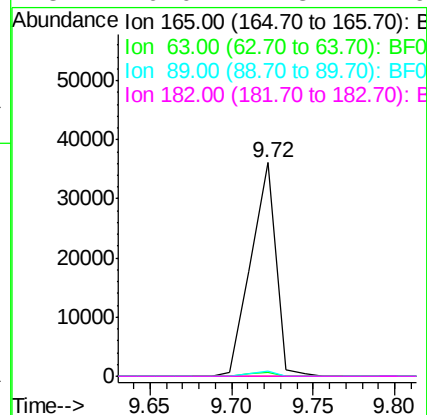
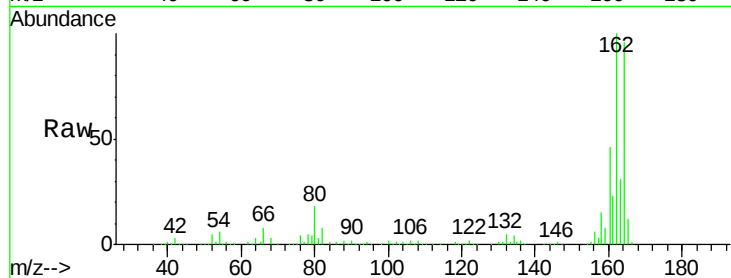




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.22 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

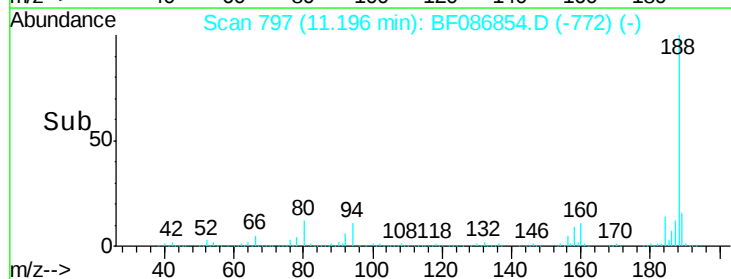
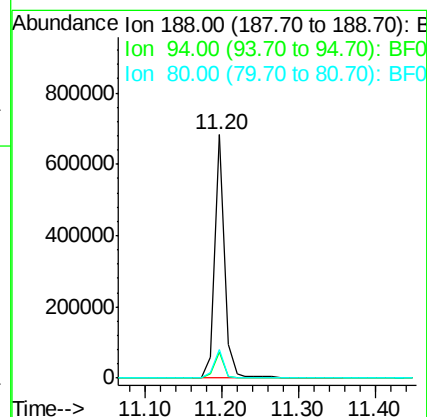
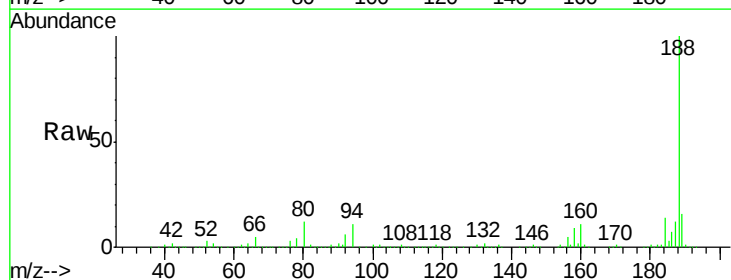
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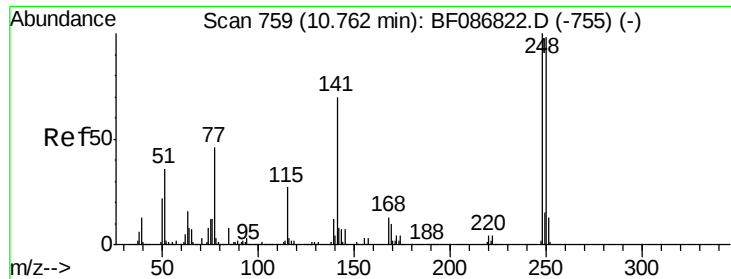
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.8	10.2#
80	11.9	7.1	10.7#

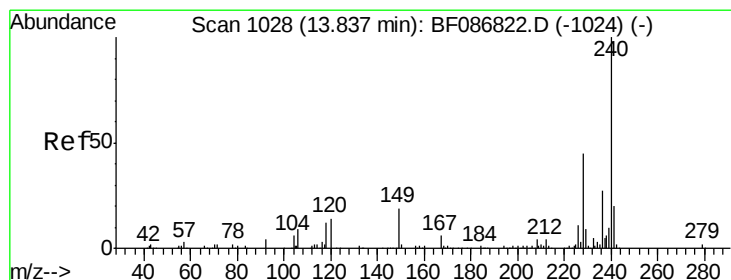
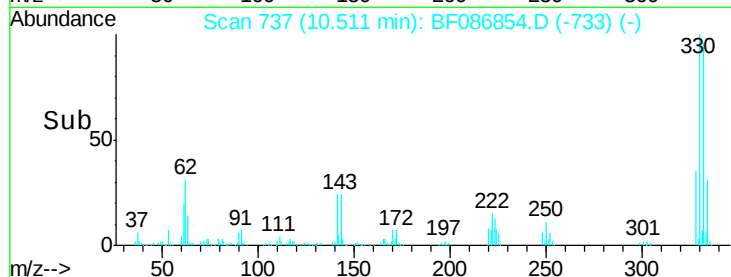
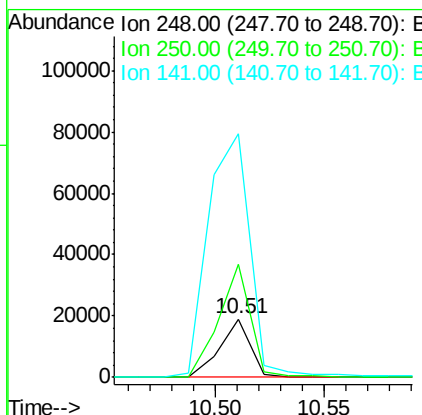
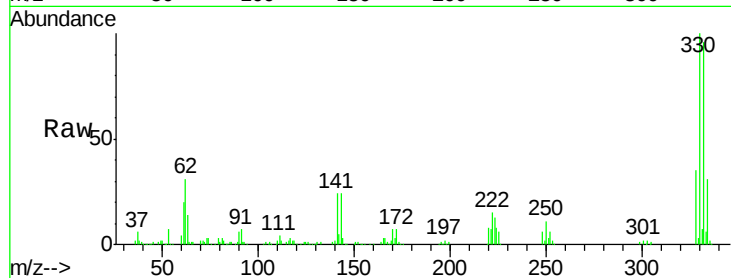




#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

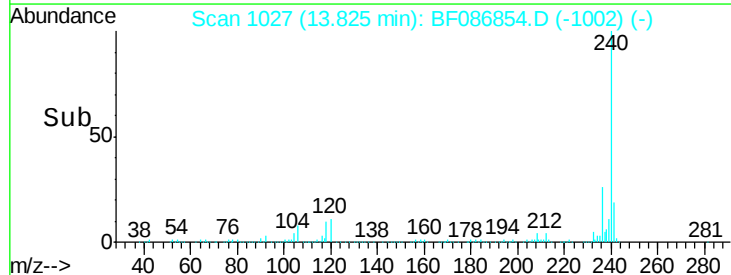
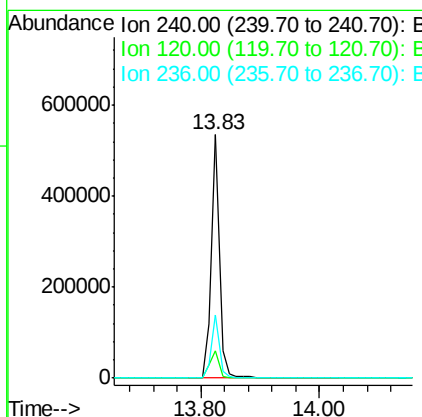
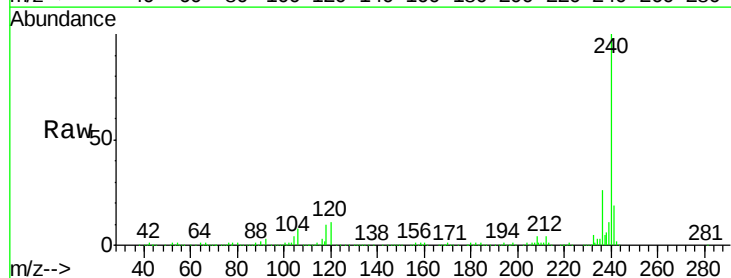
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

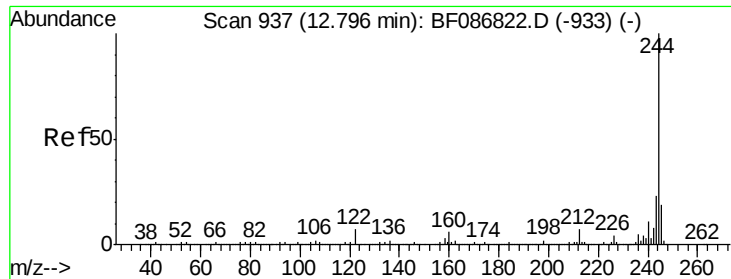
Tot Ion:248 Resp: 18453
Ion Ratio Lower Upper
248 100
250 194.8 78.6 117.8#
141 418.9 76.0 114.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

Tgt Ion:240 Resp: 511787
Ion Ratio Lower Upper
240 100
120 11.0 11.2 16.8#
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 55.10 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

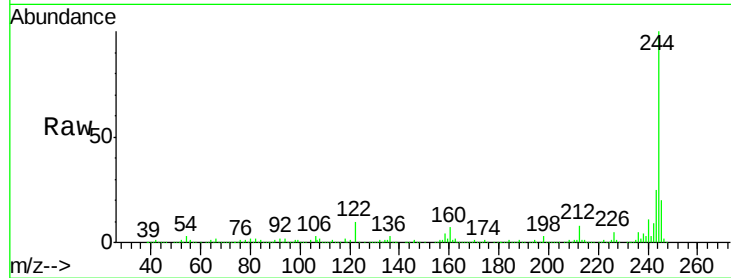
Tot Ion:244 Resp: 1329200

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

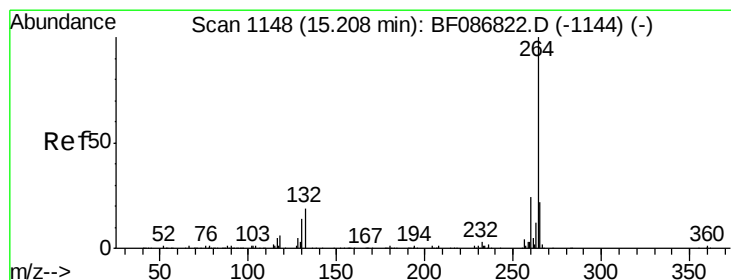
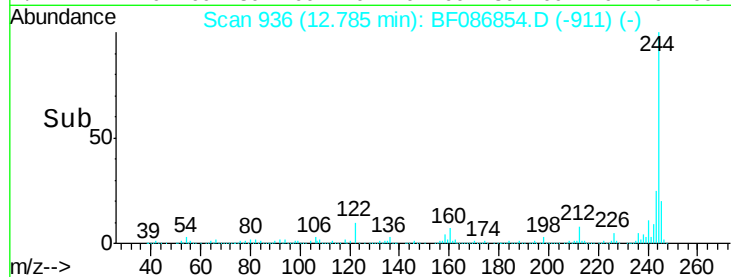
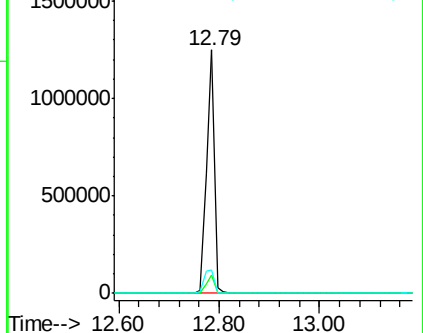
122 9.5 12.0 18.0#



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: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

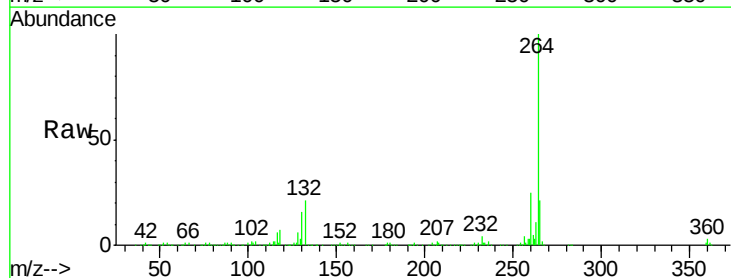
Tgt Ion:264 Resp: 419562

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.4 17.3 25.9



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

