

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087586.D
 Acq On : 31 May 2016 17:53
 Operator : UM/SJ
 Sample : H3332-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Quant Time: Jun 01 00:50:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

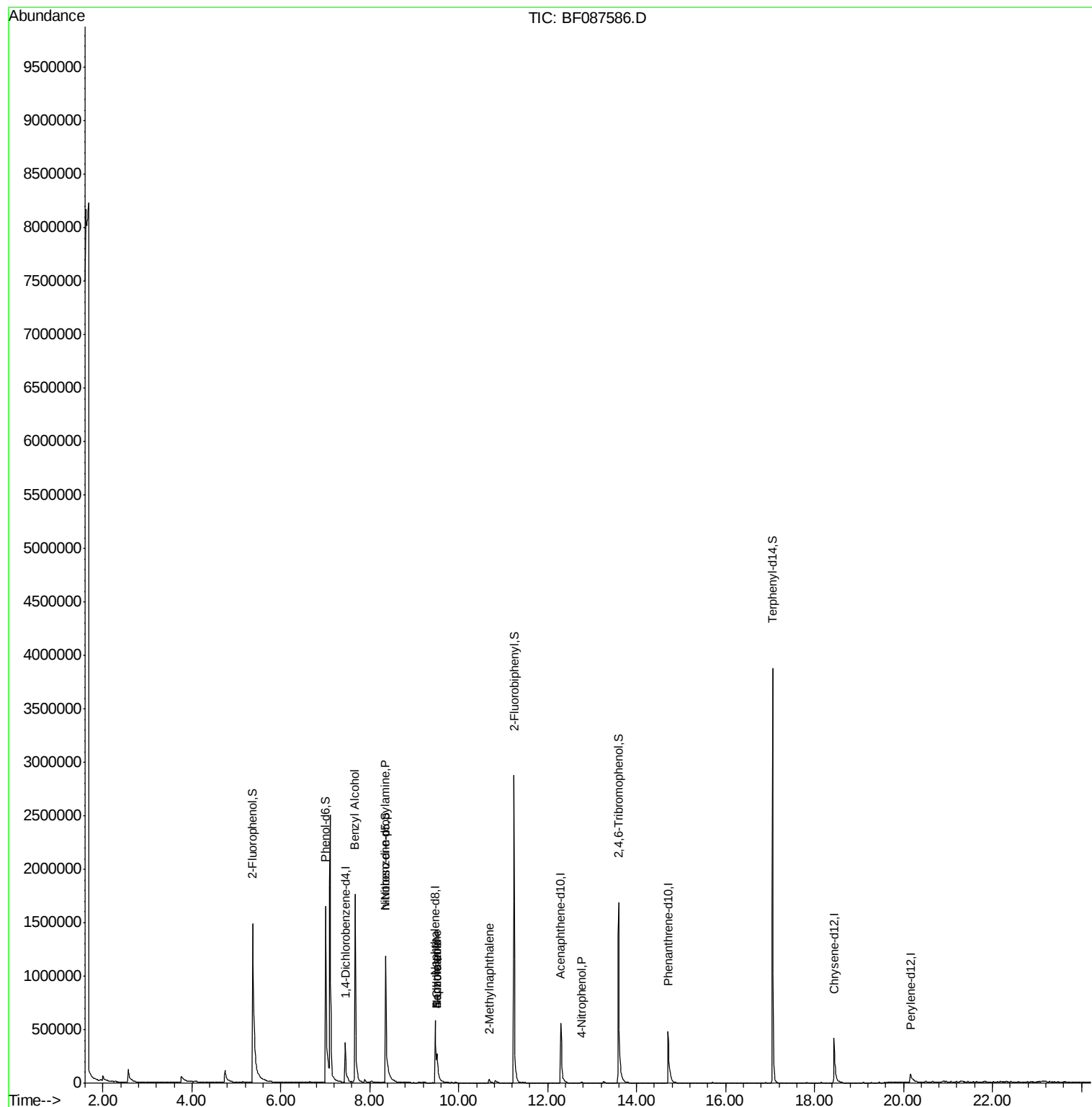
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	101709	20.00	ng	-0.07
21) Naphthalene-d8	9.47	136	420789	20.00	ng	-0.08
38) Acenaphthene-d10	12.30	164	181741	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	410846	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	341203	20.00	ng	-0.05
86) Perylene-d12	20.16	264	59759	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	892398	154.17	ng	-0.05
7) Phenol-d6	7.00	99	1069341	136.72	ng	-0.07
23) Nitrobenzene-d5	8.35	82	849832	101.79	ng	-0.09
41) 2,4,6-Tribromophenol	13.60	330	330629	189.31	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1416193	109.86	ng	-0.09
78) Terphenyl-d14	17.06	244	1465362	91.31	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	7.67	79	14219	2.49	ng	# 46
19) n-Nitroso-di-n-propylamine	8.35	70	102732	17.61	ng	# 68
31) Naphthalene	9.51	128	268102	12.72	ng	100
32) Benzoic acid	9.51	122	228	5.89	ng	# 1
33) 4-Chloroaniline	9.51	127	33580	4.32	ng	# 38
37) 2-Methylnaphthalene	10.68	142	31319	2.38	ng	94
55) 4-Nitrophenol	12.75	139	5089	3.54	ng	# 14

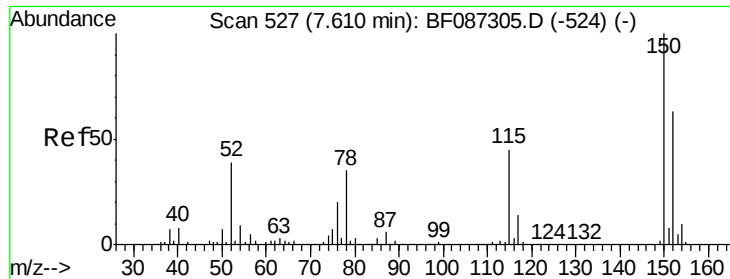
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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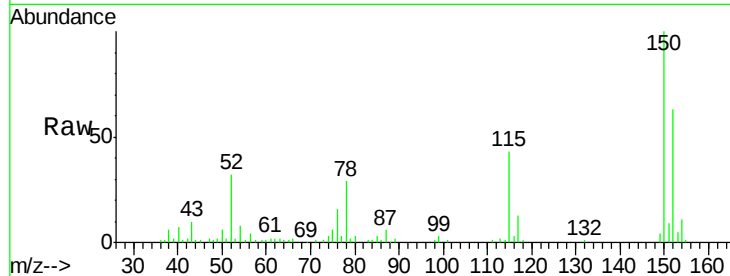




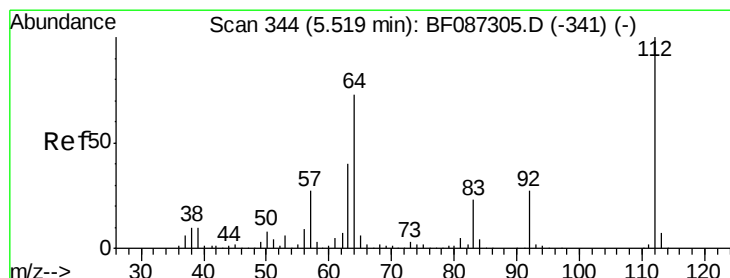
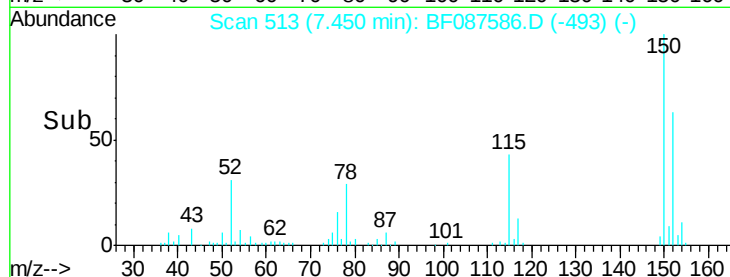
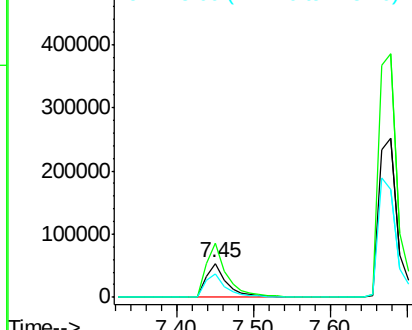
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.07 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Tgt Ion:152 Resp: 101709
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.8 188.6
 115 68.4 51.5 77.3

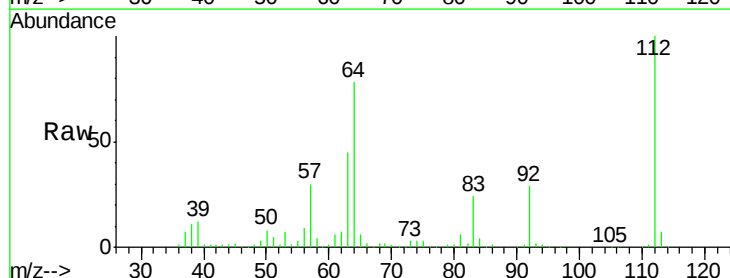


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

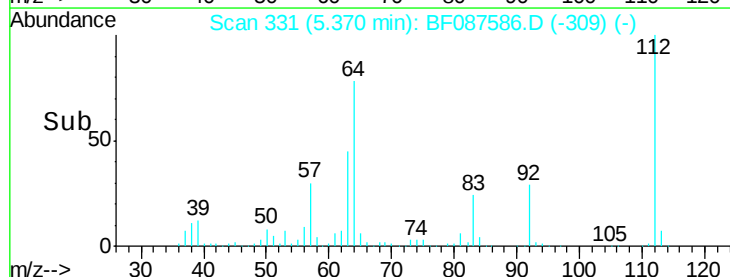
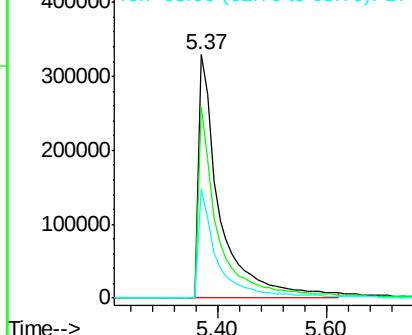


#5
 2-Fluorophenol
 Concen: 154.17 ng
 RT: 5.37 min Scan# 331
 Delta R.T. -0.05 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion:112 Resp: 892398
 Ion Ratio Lower Upper
 112 100
 64 78.5 52.1 78.1#
 63 44.9 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: 136.72 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.07 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

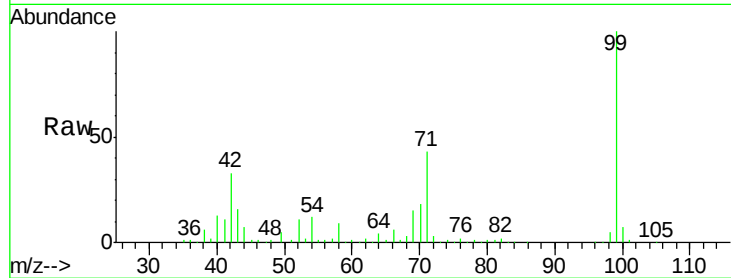
Tgt Ion: 99 Resp: 1069341

Ion Ratio Lower Upper

99 100

42 32.9 13.6 20.4#

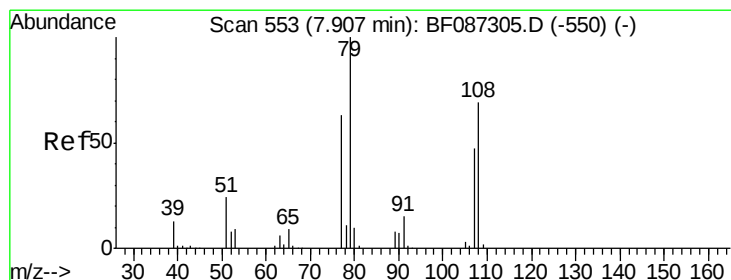
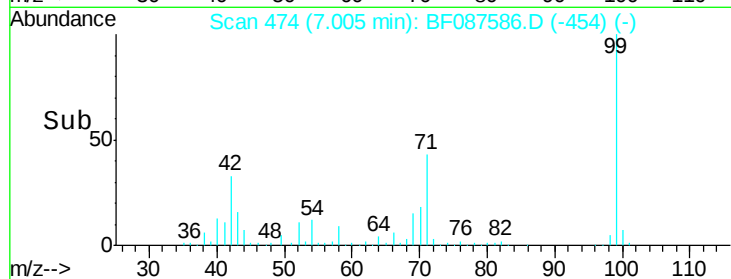
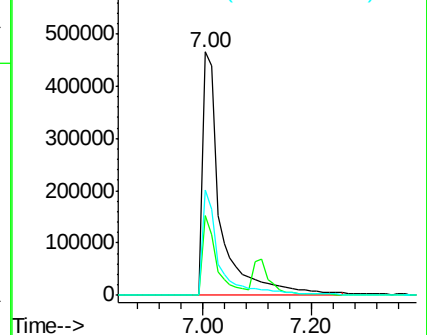
71 43.0 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.15 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

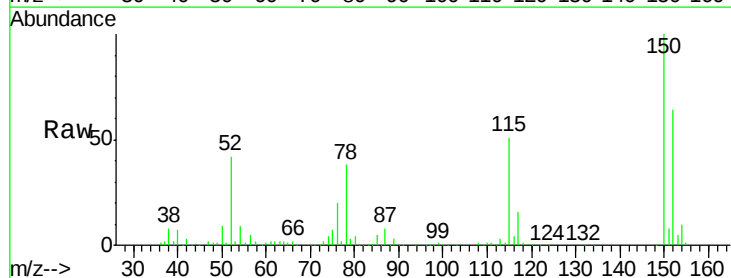
Tgt Ion: 79 Resp: 14219

Ion Ratio Lower Upper

79 100

108 27.8 68.4 102.6#

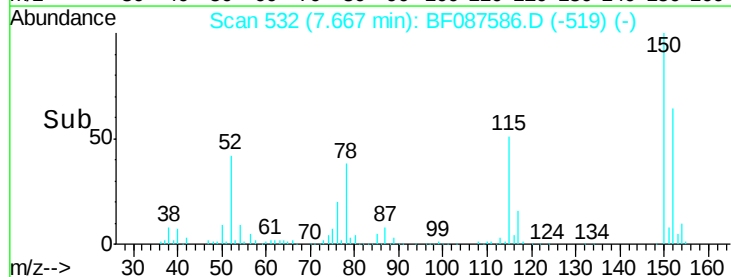
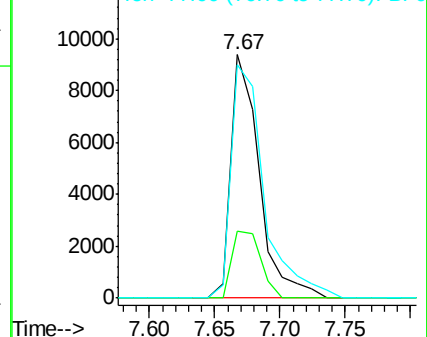
77 96.1 50.6 76.0#

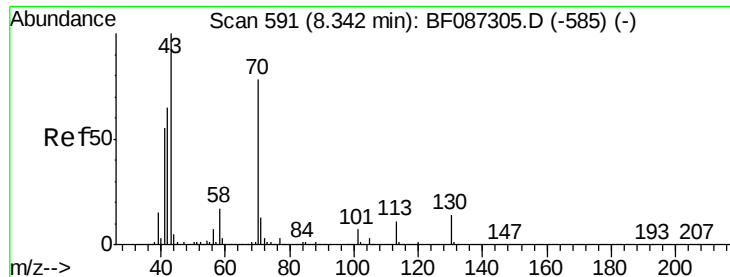


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

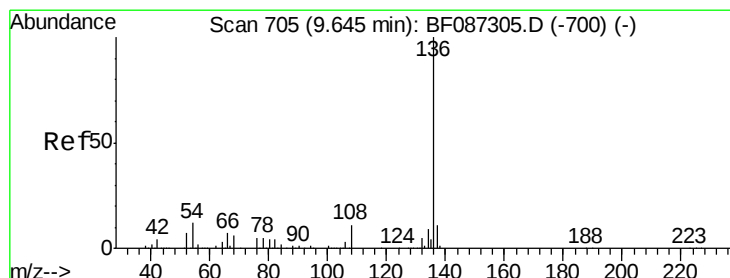
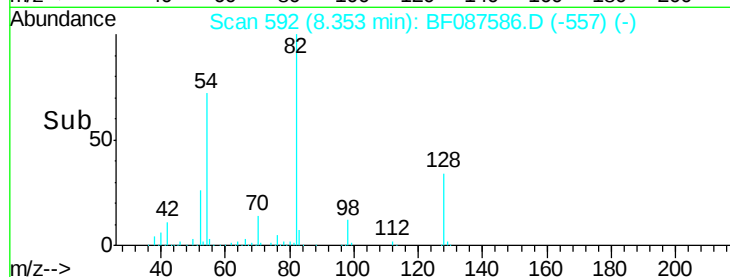
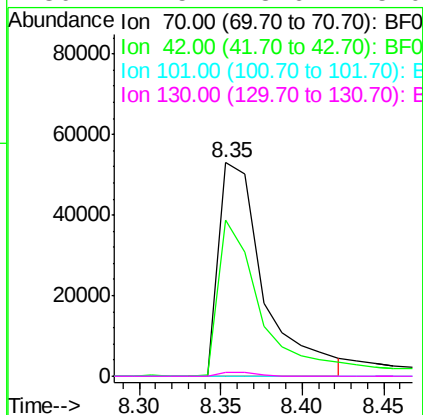
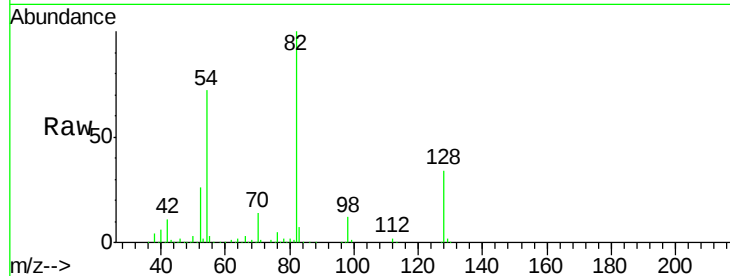




#19
n-Nitroso-di-n-propylamine
Concen: 17.61 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.10 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

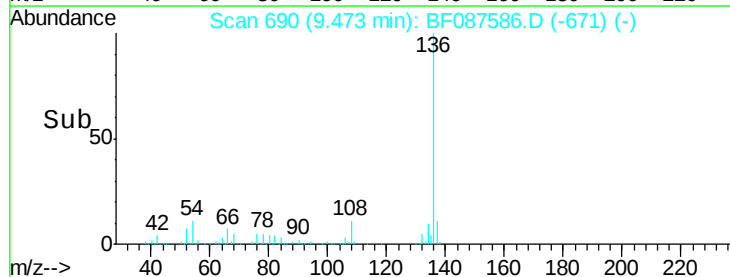
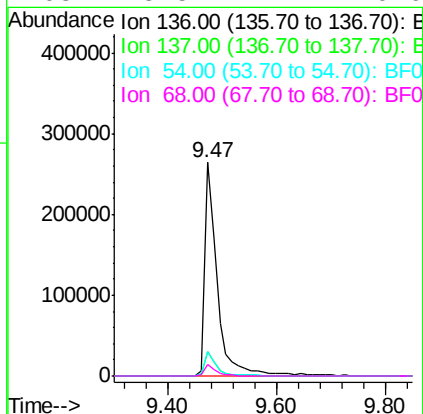
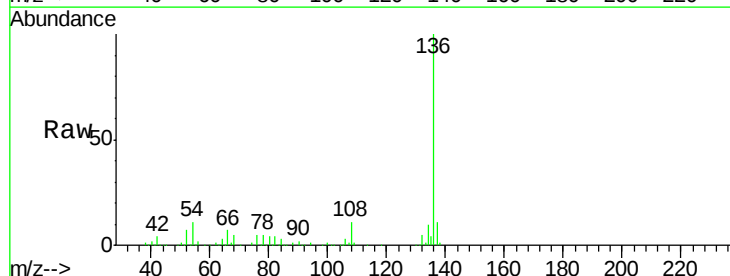
Instrument :
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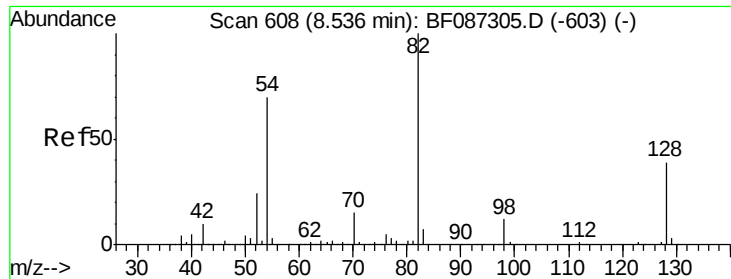
Tgt Ion: 70 Resp: 102732
Ion Ratio Lower Upper
70 100
42 73.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.5 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion: 136 Resp: 420789
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.1 5.0 7.4#
68 5.5 4.4 6.6

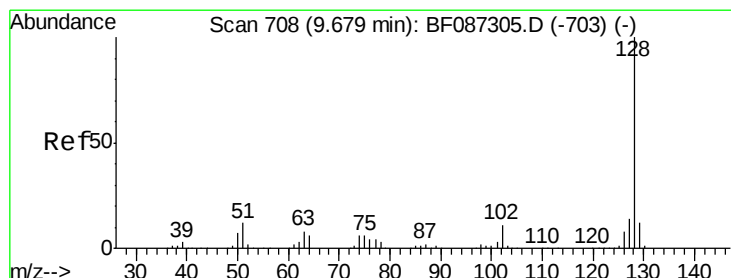
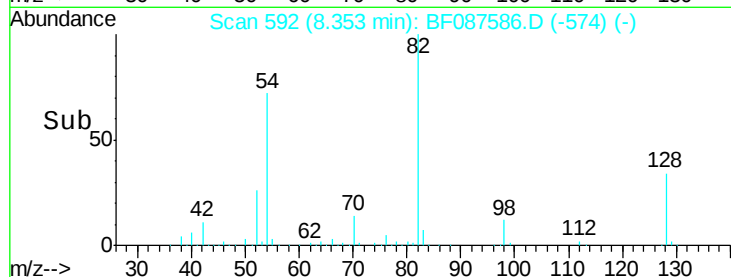
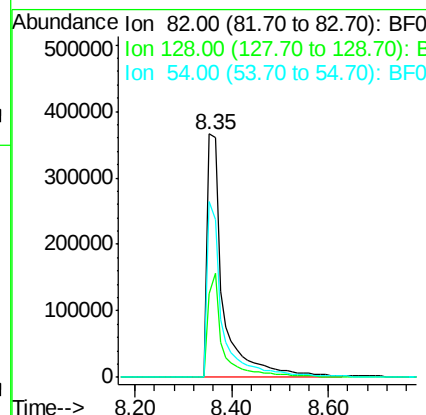
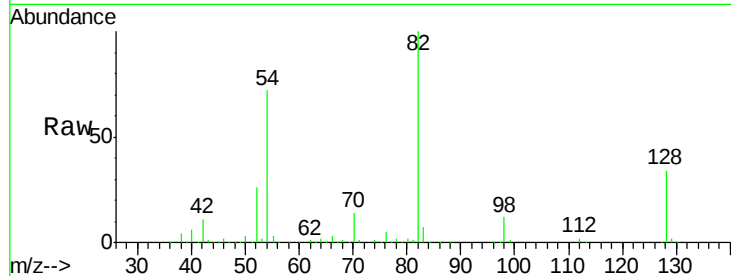




#23
 Nitrobenzene-d5
 Concen: 101.79 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.09 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

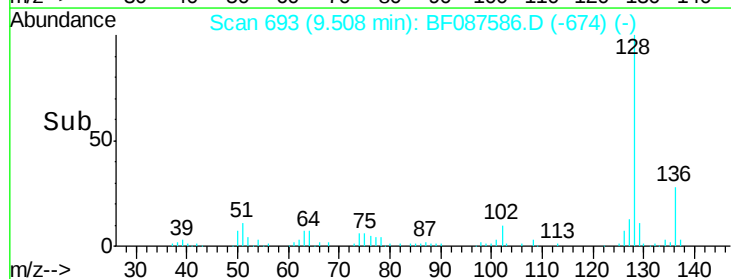
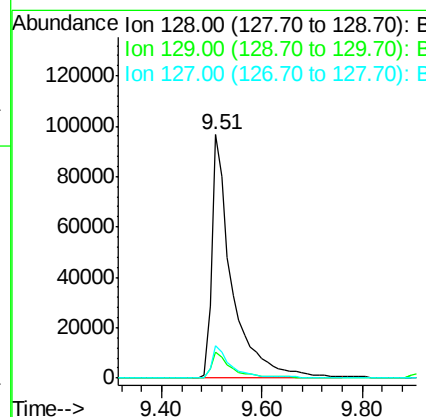
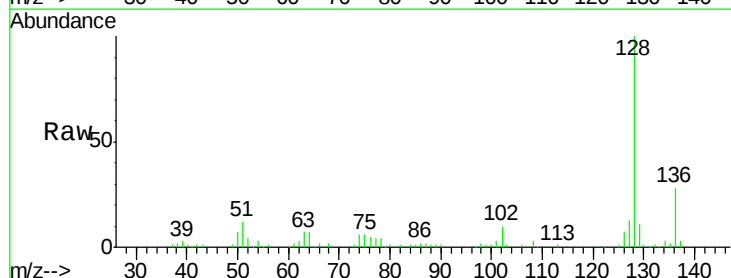
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

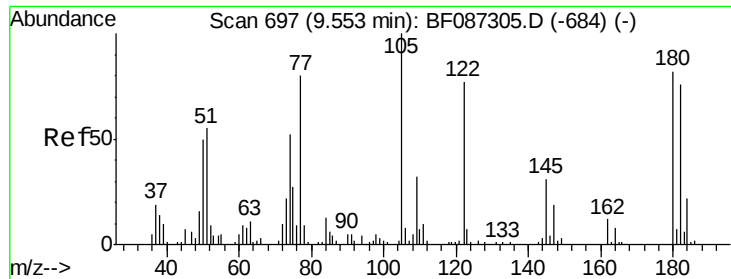
Tgt Ion: 82 Resp: 849832
 Ion Ratio Lower Upper
 82 100
 128 34.3 40.6 61.0#
 54 72.2 38.1 57.1#



#31
 Naphthalene
 Concen: 12.72 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.08 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion: 128 Resp: 268102
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.2 10.8 16.2





#32

Benzoic acid

Concen: 5.89 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.06 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

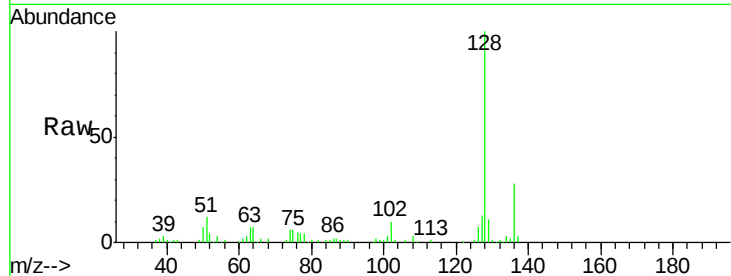
Tgt Ion:122 Resp: 228

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

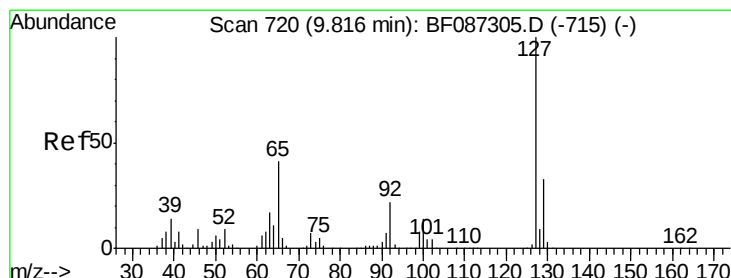
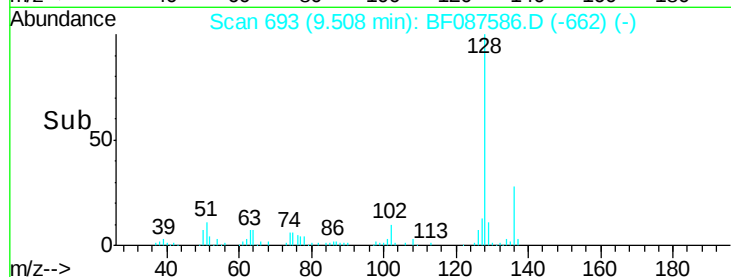
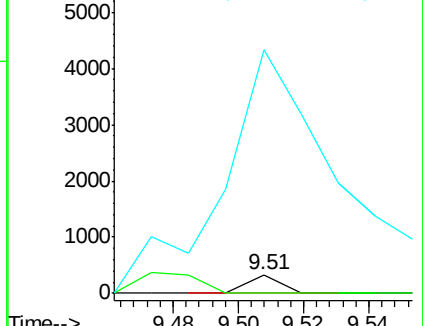
77 1304.8 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 4.32 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.23 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Tgt Ion:127 Resp: 33580

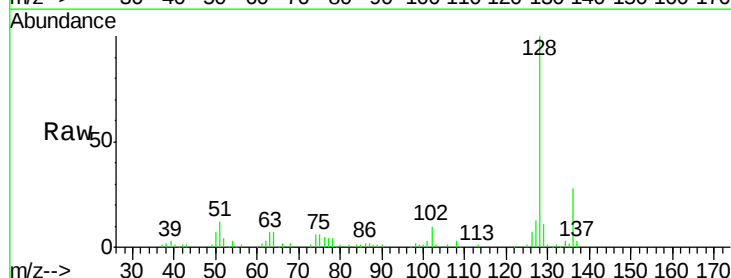
Ion Ratio Lower Upper

127 100

129 81.7 26.2 39.4#

65 3.0 23.0 34.4#

92 0.0 15.1 22.7#

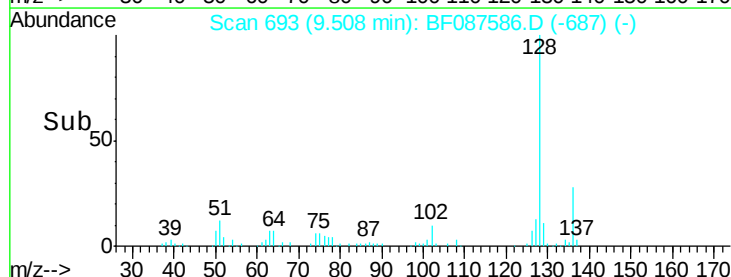
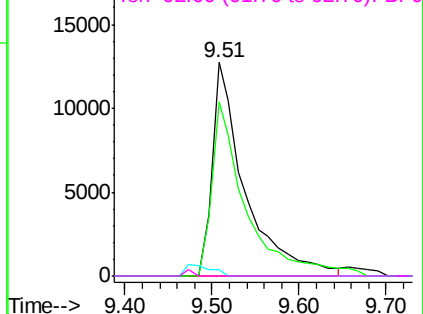


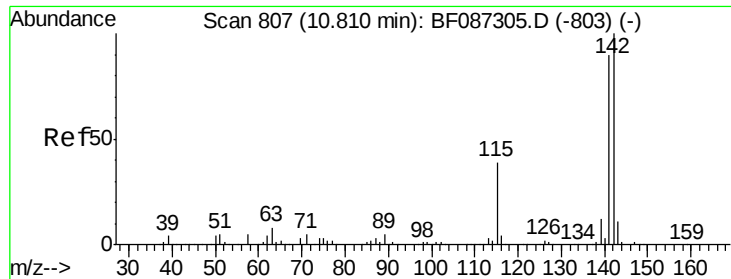
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

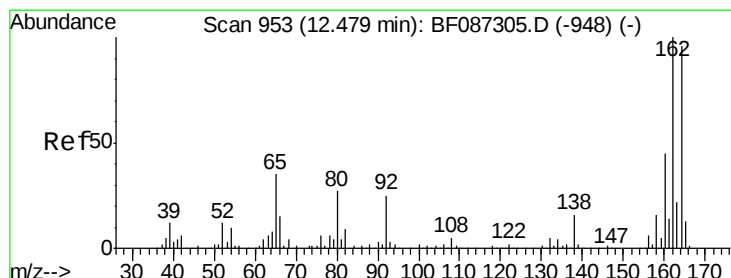
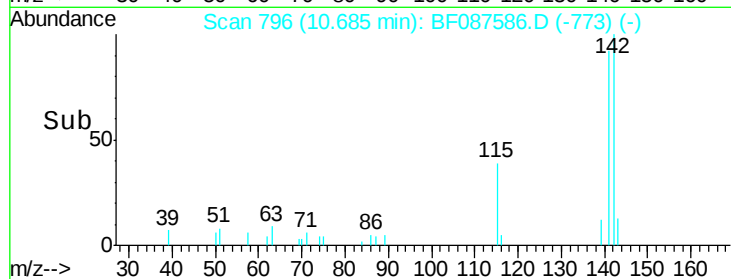
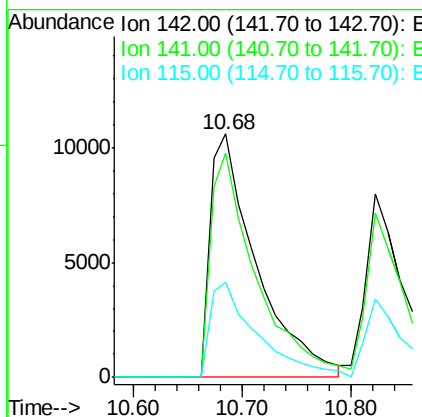
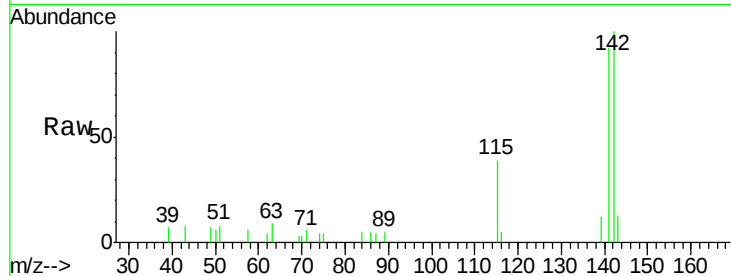




#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

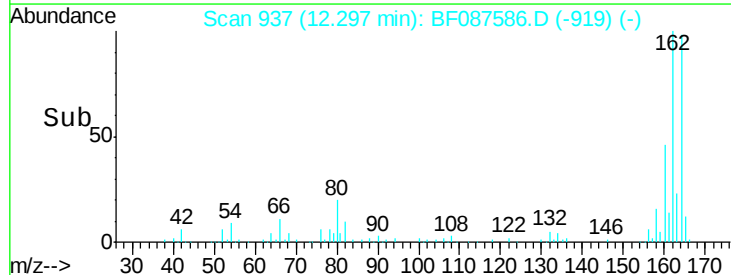
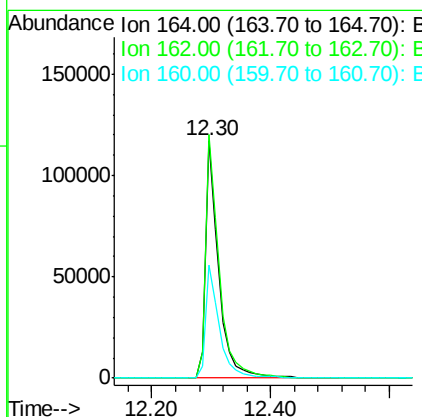
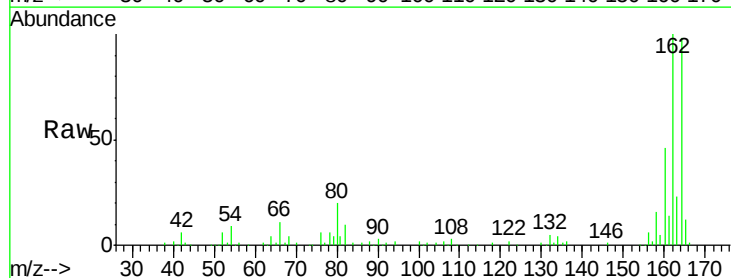
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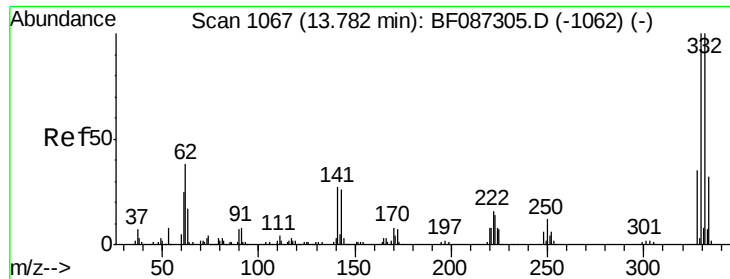
Tgt Ion:142 Resp: 31319
Ion Ratio Lower Upper
142 100
141 92.4 71.0 106.6
115 39.1 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:164 Resp: 181741
Ion Ratio Lower Upper
164 100
162 102.5 82.8 124.2
160 47.4 36.9 55.3

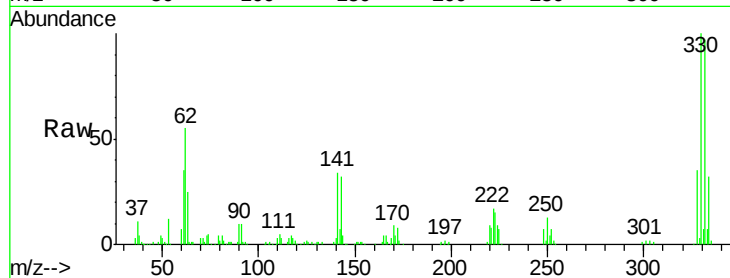




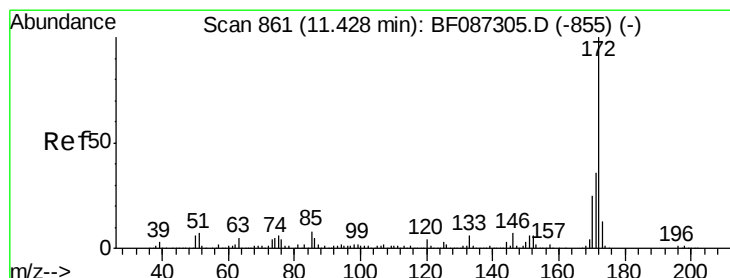
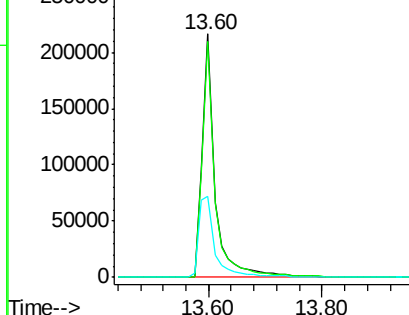
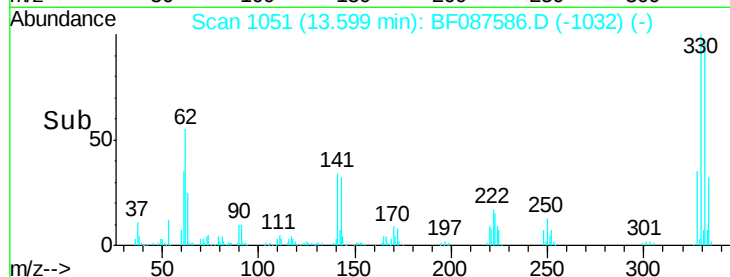
#41
 2,4,6-Tribromophenol
 Concen: 189.31 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.0	31.2	46.8

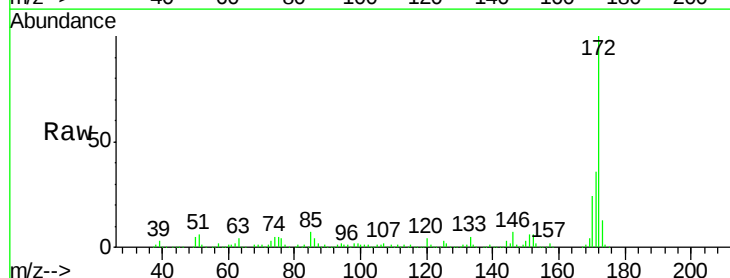


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

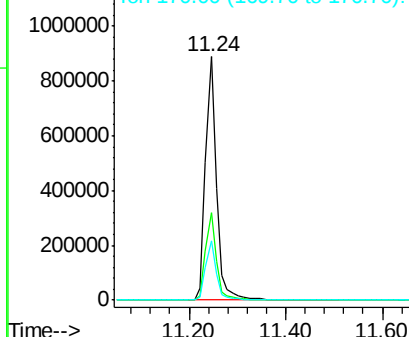
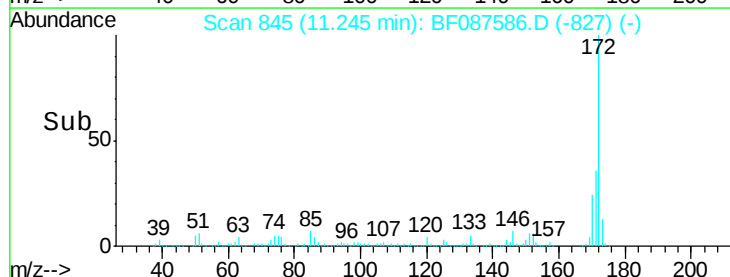


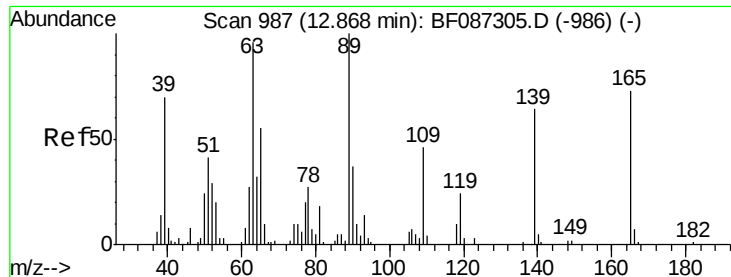
#44
 2-Fluorobiphenyl
 Concen: 109.86 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	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

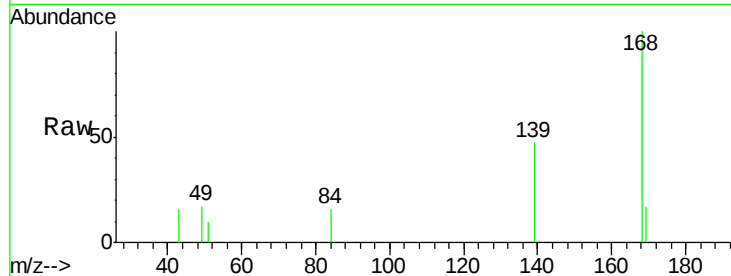




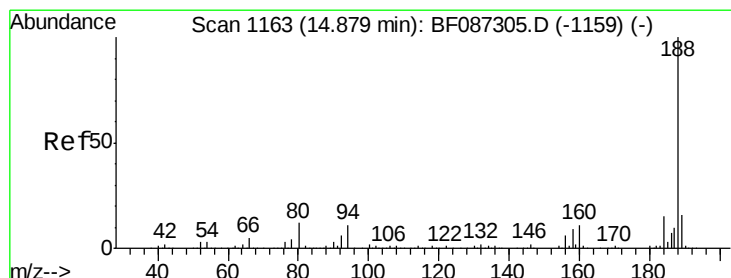
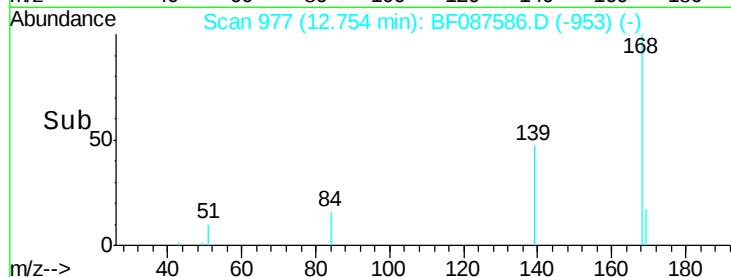
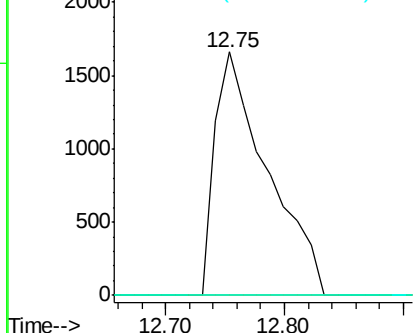
#55
 4-Nitrophenol
 Concen: 3.54 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616

Tgt Ion:139 Resp: 5089
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.9 76.9#
 65 0.0 64.0 104.0#

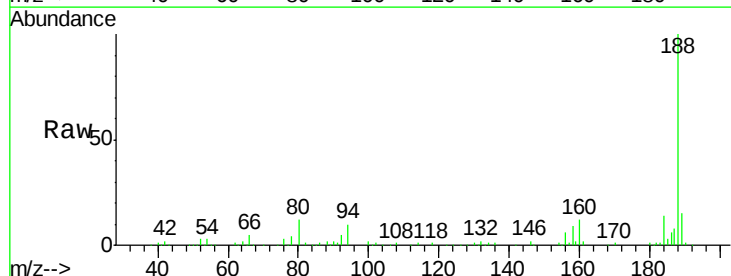


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

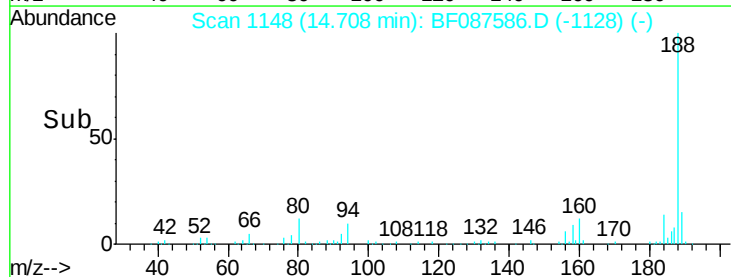
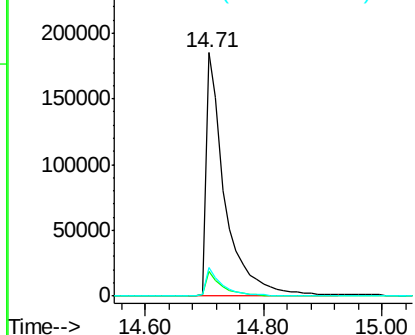


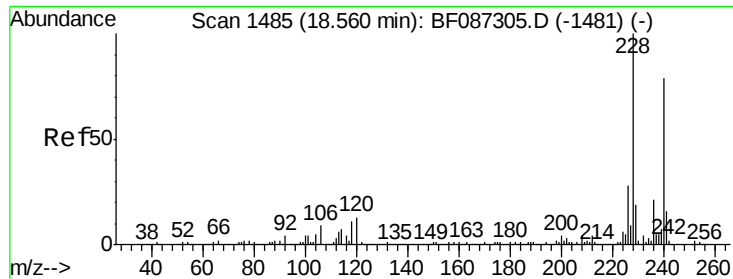
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.07 min
 Lab File: BF087586.D
 Acq: 31 May 2016 17:53

Tgt Ion:188 Resp: 410846
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.8 10.2#
 80 11.9 7.1 10.7#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

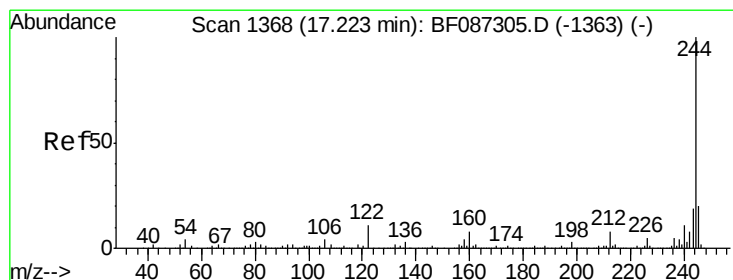
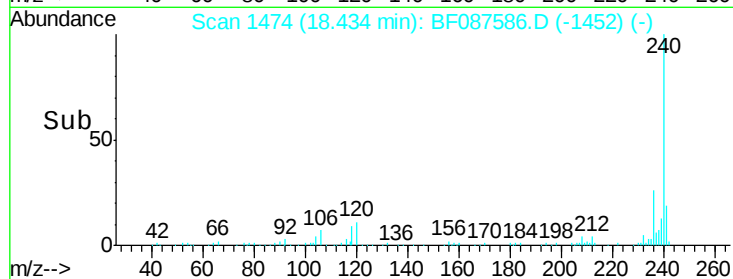
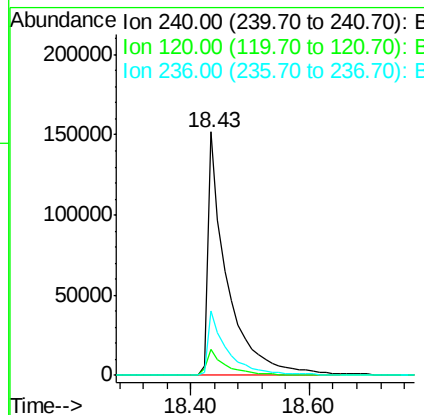
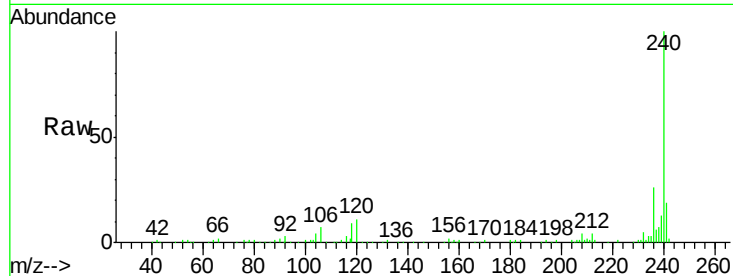
Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.2	16.8#
236	26.3	21.2	31.8



#78

Terphenyl-d14

Concen: 91.31 ng

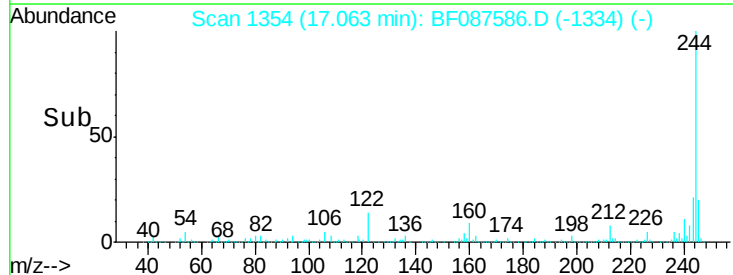
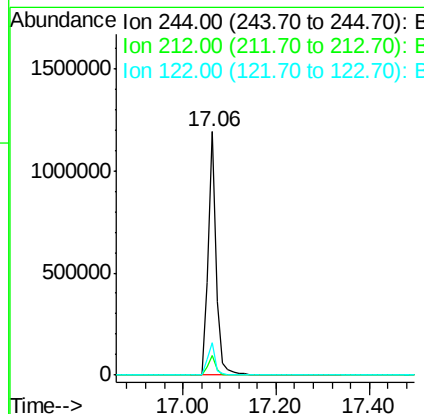
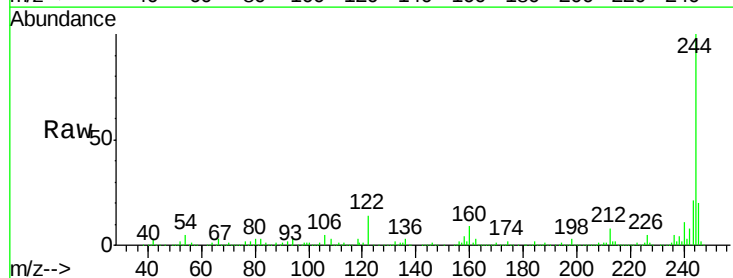
RT: 17.06 min Scan# 1354

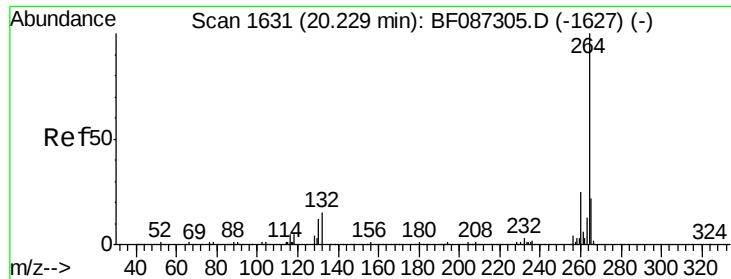
Delta R.T. -0.07 min

Lab File: BF087586.D

Acq: 31 May 2016 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:	264	Resp:	59759
Ion	Ratio	Lower	Upper
264	100		
260	32.9	19.5	29.3#
265	19.9	17.3	25.9

