

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086917.D
 Acq On : 12 May 2016 5:18
 Operator : UM/SJ
 Sample : H2916-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Quant Time: May 12 05:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	128035	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	493742	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	198422	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	305414	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	291203	20.00	ng	-0.01
86) Perylene-d12	15.13	264	225286	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1045375	138.27	ng	0.01
7) Phenol-d6	6.31	99	1479739	146.45	ng	0.00
23) Nitrobenzene-d5	7.21	82	1022446	103.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	231976	110.43	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1227306	103.95	ng	0.00
78) Terphenyl-d14	12.73	244	859972	62.66	ng	0.00

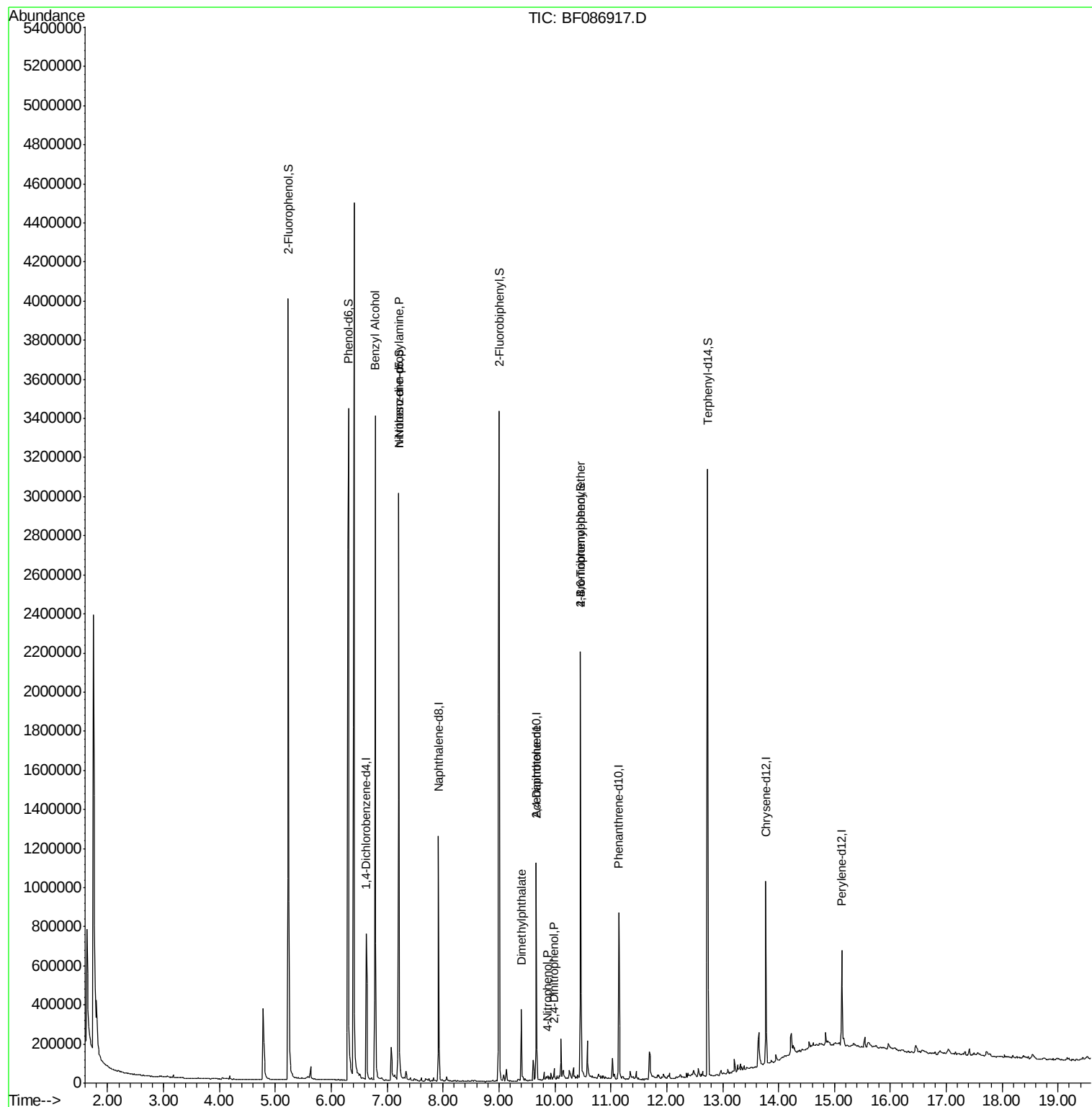
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.79	79	16592	2.38	ng	# 44
19) n-Nitroso-di-n-propylamine	7.21	70	146389	20.73	ng	# 75
49) Dimethylphthalate	9.40	163	184884	12.21	ng	99
53) 2,4-Dinitrophenol	9.99	184	313	7.87	ng	# 25
55) 4-Nitrophenol	9.87	139	208	4.65	ng	# 14
56) 2,4-Dinitrotoluene	9.67	165	25651	6.51	ng	# 16
60) 4-Chlorophenyl-phenylether	10.15	204	224	Below Cal		# 46
66) 4-Bromophenyl-phenylether	10.46	248	14306	4.62	ng	# 1

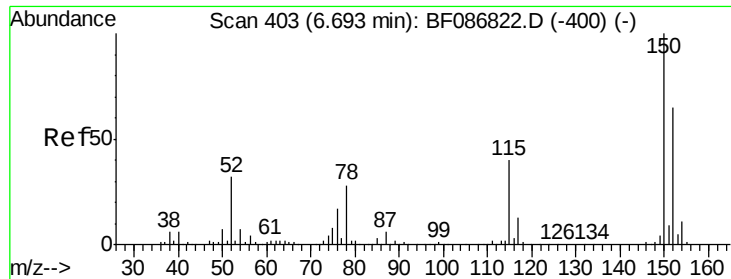
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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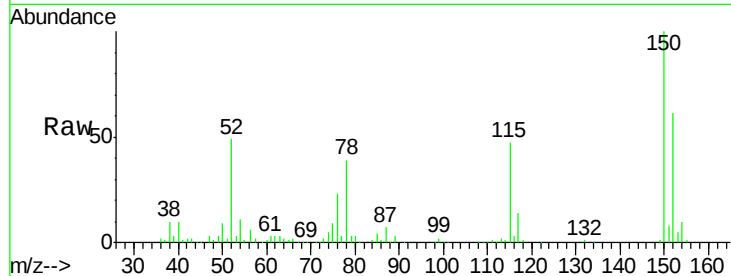




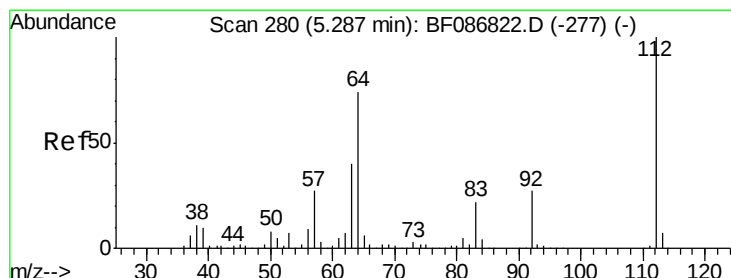
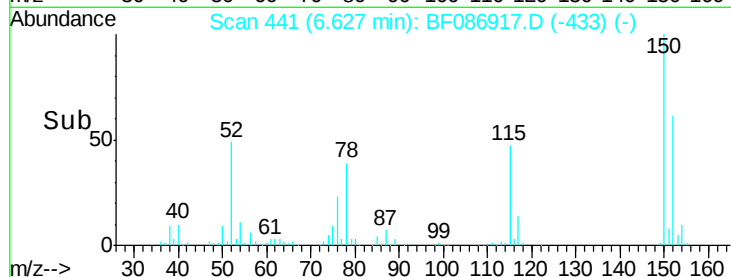
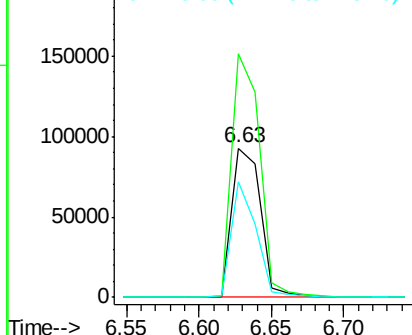
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Tgt Ion:152 Resp: 128035
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.8 188.6
 115 77.2 51.5 77.3

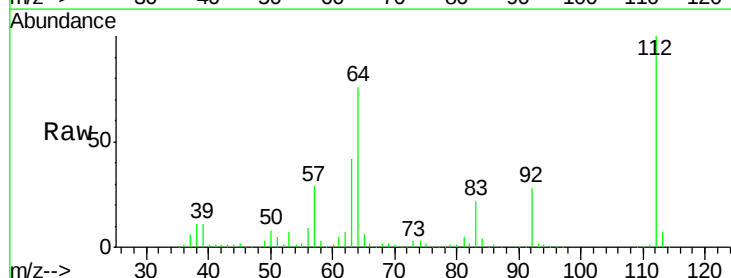


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

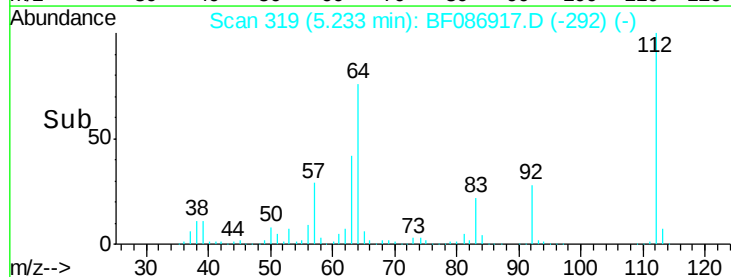
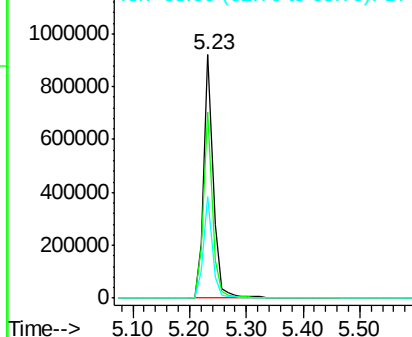


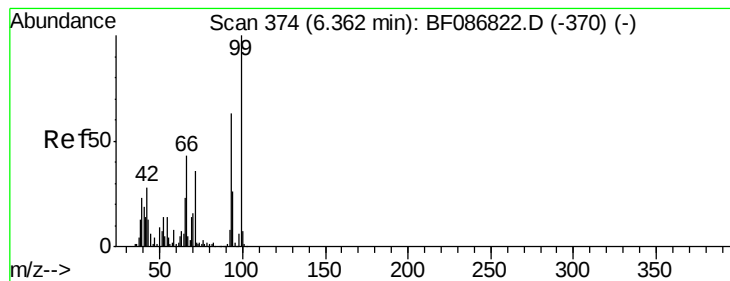
#5
 2-Fluorophenol
 Concen: 138.27 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Tgt Ion:112 Resp: 1045375
 Ion Ratio Lower Upper
 112 100
 64 76.3 52.1 78.1
 63 41.7 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: 146.45 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

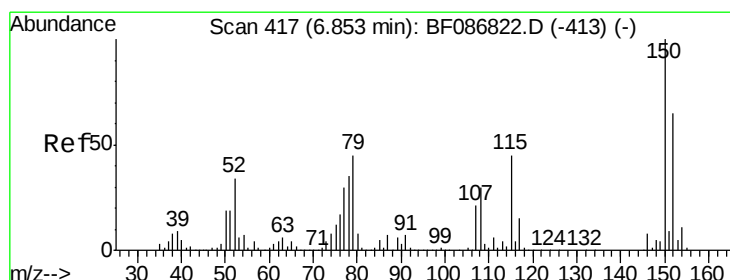
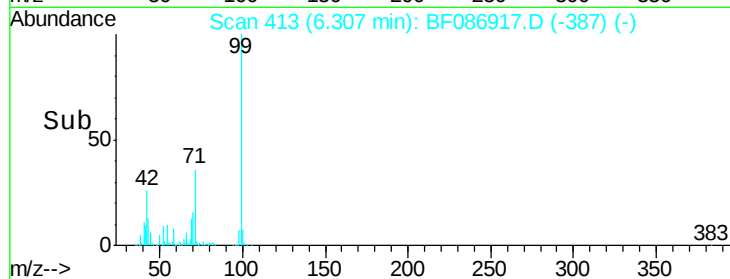
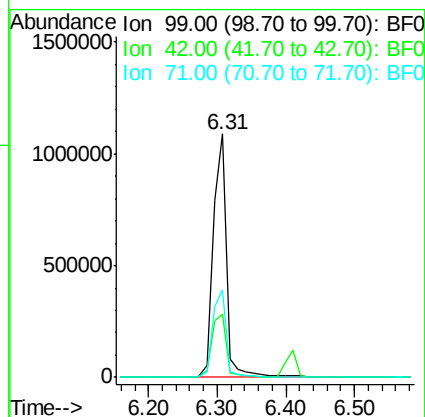
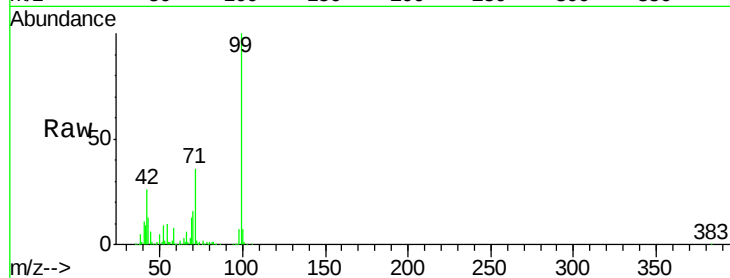
BNA_F

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Tgt Ion: 99 Resp: 1479739

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.6	20.4#
71	36.0	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 6.79 min Scan# 455

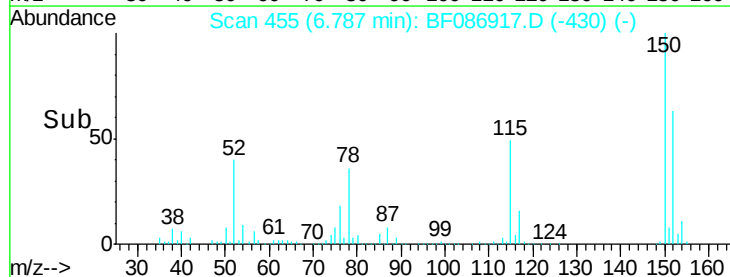
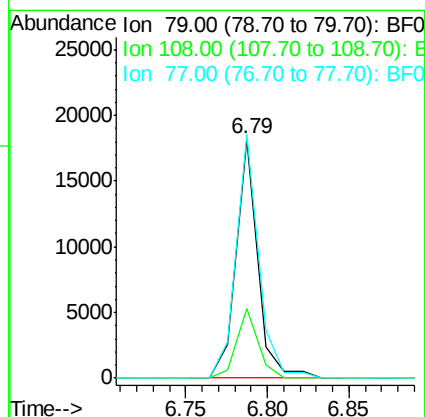
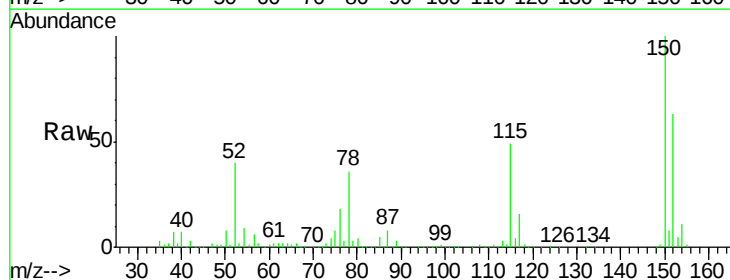
Delta R.T. -0.01 min

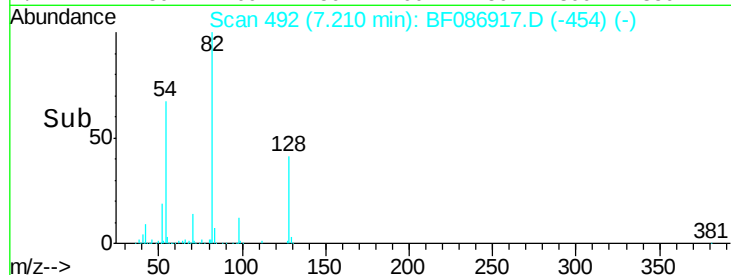
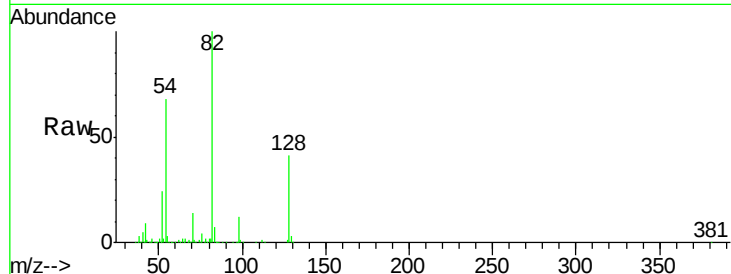
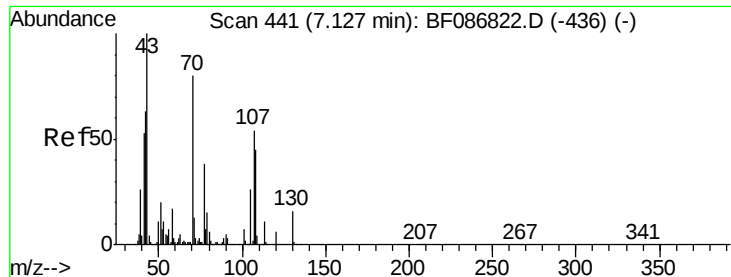
Lab File: BF086917.D

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Tgt Ion: 79 Resp: 16592

Ion	Ratio	Lower	Upper
79	100		
108	29.2	68.4	102.6#
77	101.9	50.6	76.0#

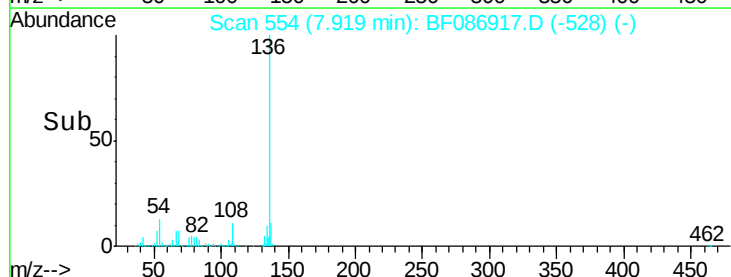
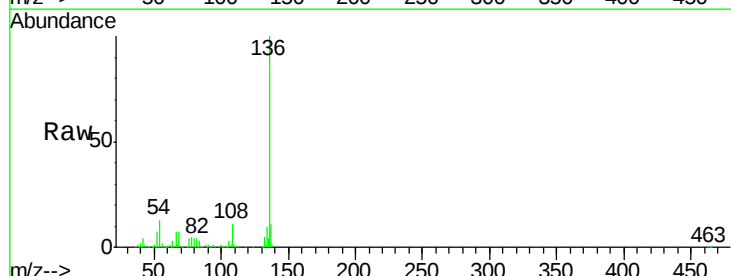
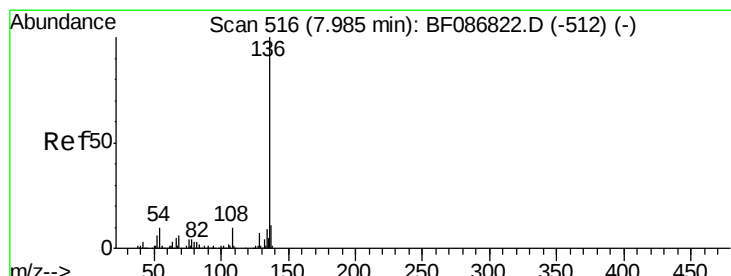
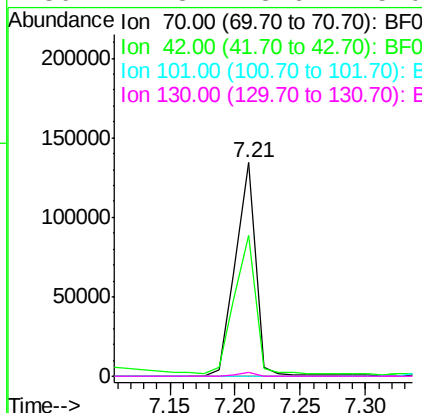




#19
n-Nitroso-di-n-propylamine
Concen: 20.73 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

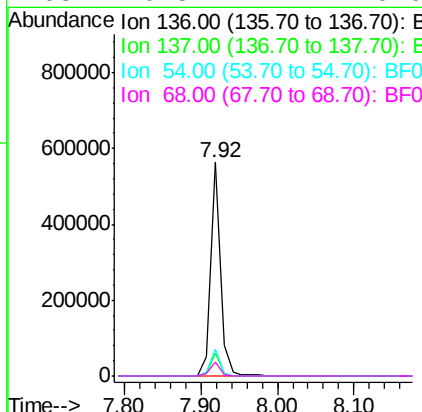
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

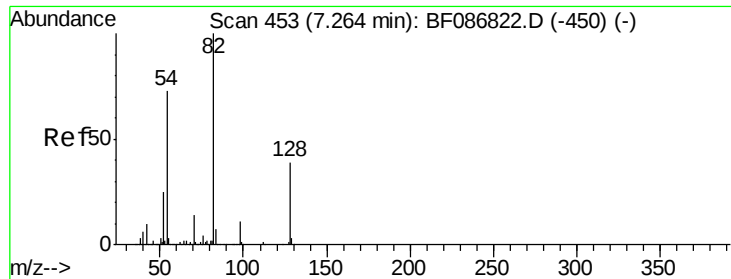
Tgt Ion:	70	Resp:	146389
Ion	Ratio	Lower	Upper
70	100		
42	66.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

Tgt Ion:	136	Resp:	493742
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.7	5.0	7.4#
68	6.8	4.4	6.6#

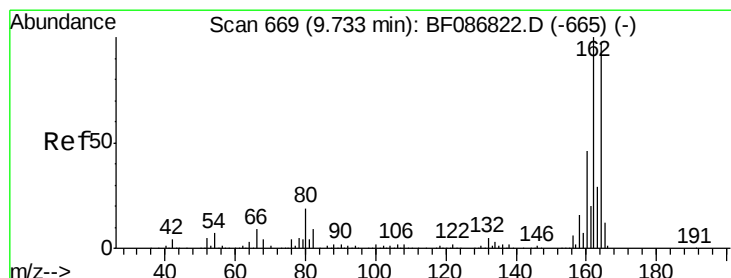
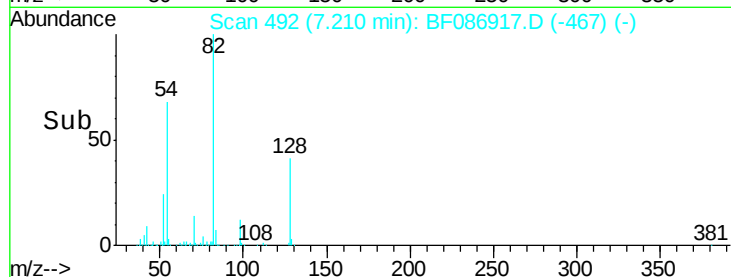
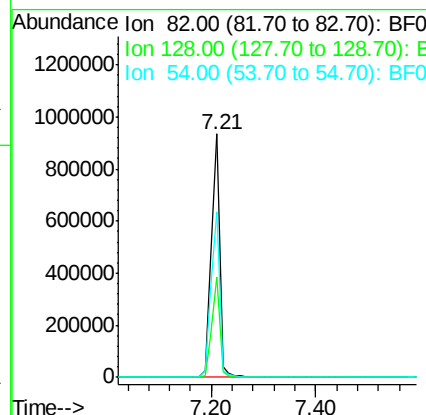
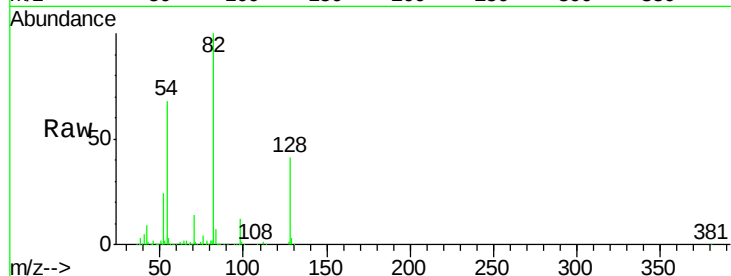




#23
 Nitrobenzene-d5
 Concen: 103.98 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

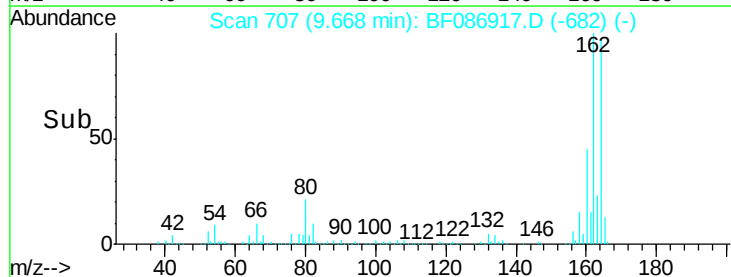
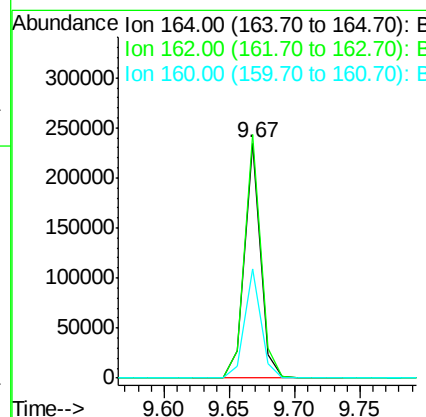
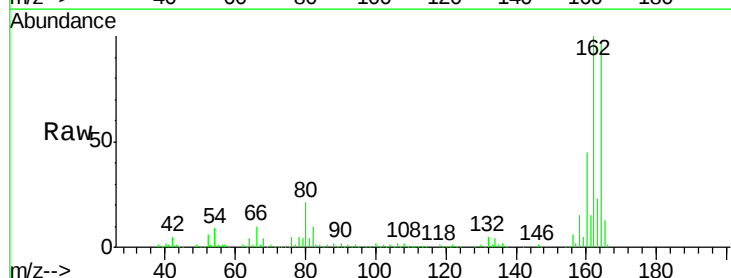
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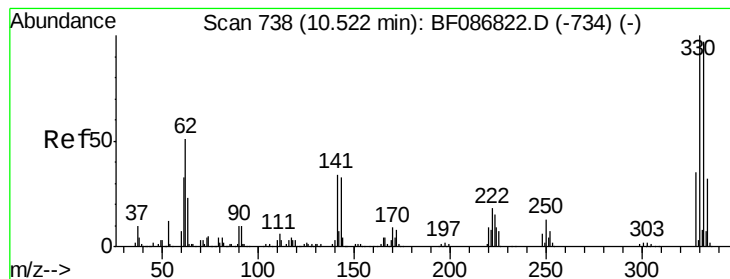
Tgt Ion: 82 Resp: 1022446
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 68.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Tgt Ion: 164 Resp: 198422
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 46.6 36.9 55.3

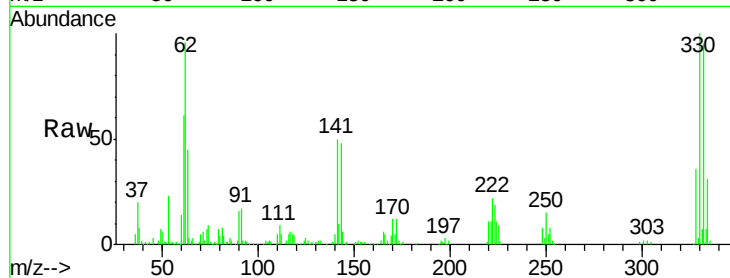




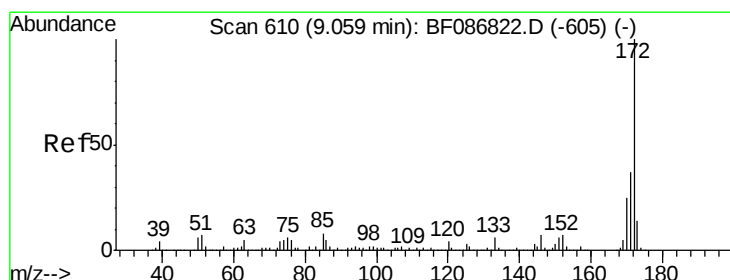
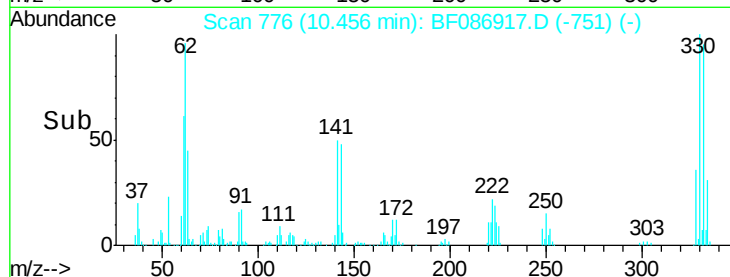
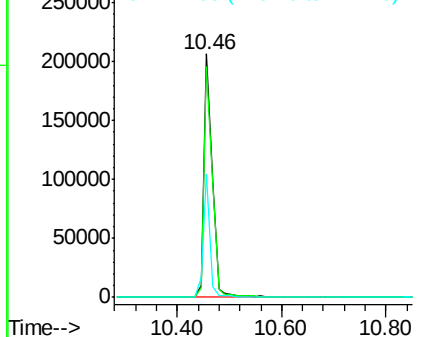
#41
 2,4,6-Tribromophenol
 Concen: 110.43 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Tgt Ion: 330 Resp: 231976
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 40.6 31.2 46.8

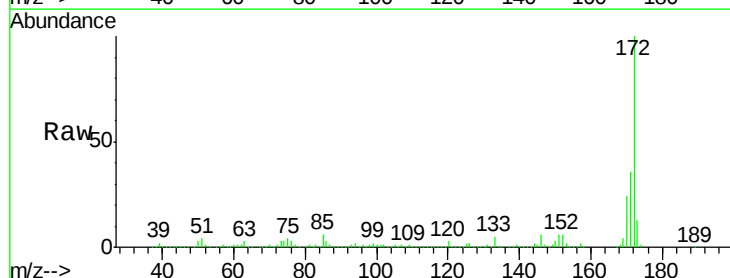


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

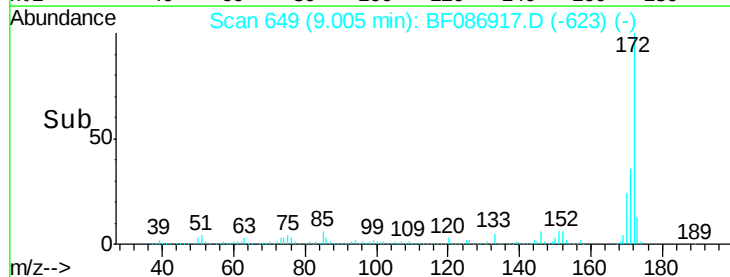
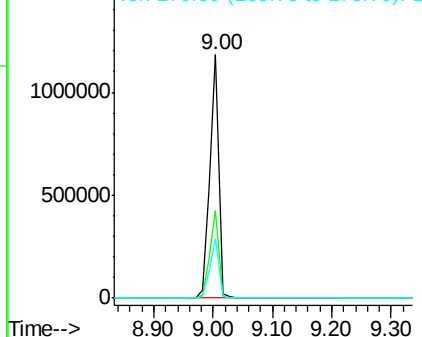


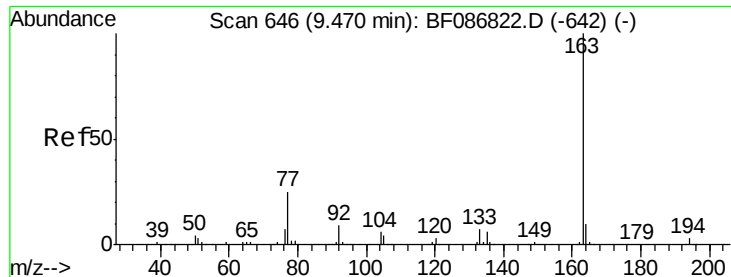
#44
 2-Fluorobiphenyl
 Concen: 103.95 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Tgt Ion: 172 Resp: 1227306
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 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





#49

Dimethylphthalate

Concen: 12.21 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

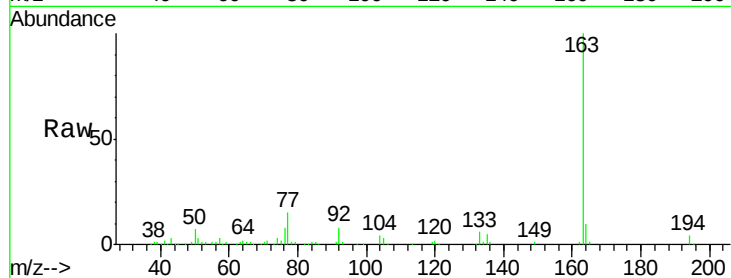
Tgt Ion:163 Resp: 184884

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

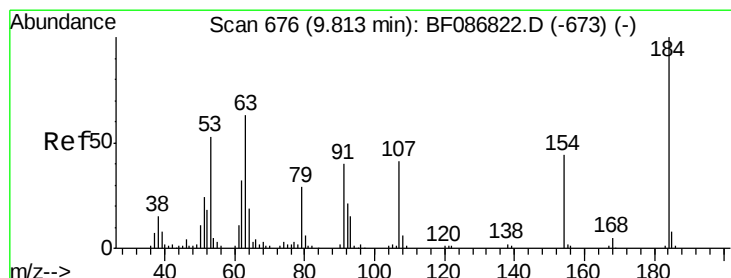
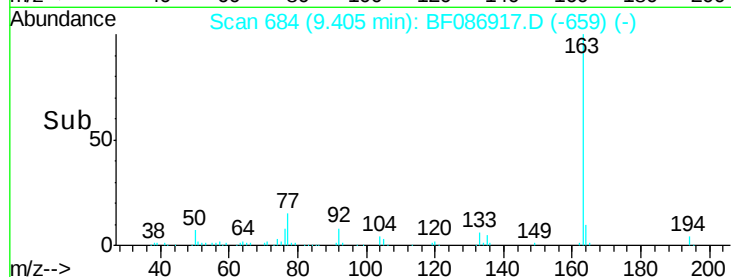
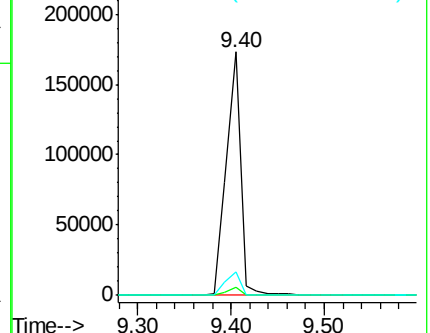
164 9.7 8.2 12.4



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



#53

2,4-Dinitrophenol

Concen: 7.87 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.23 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

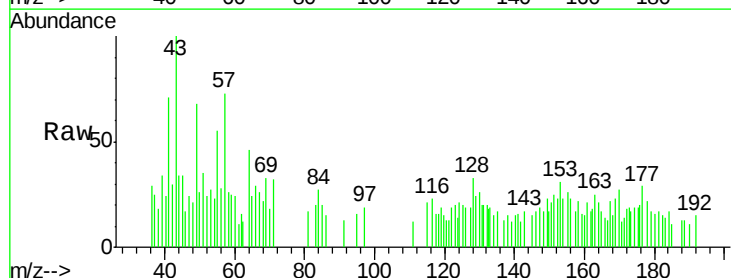
Tgt Ion:184 Resp: 313

Ion Ratio Lower Upper

184 100

63 0.0 55.8 83.8#

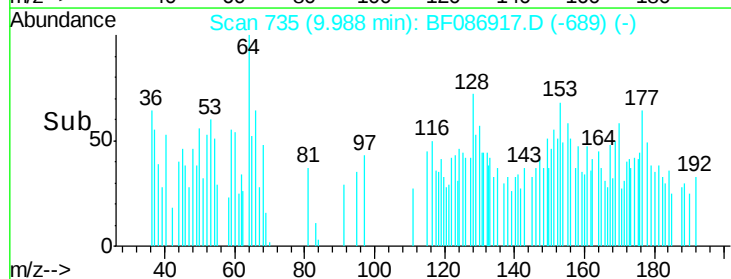
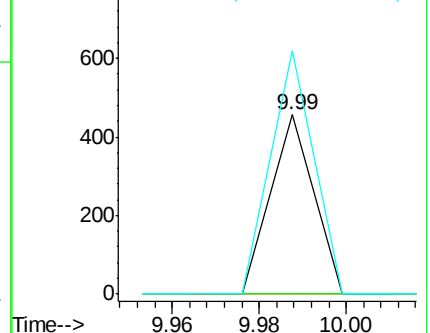
154 135.7 62.4 93.6#

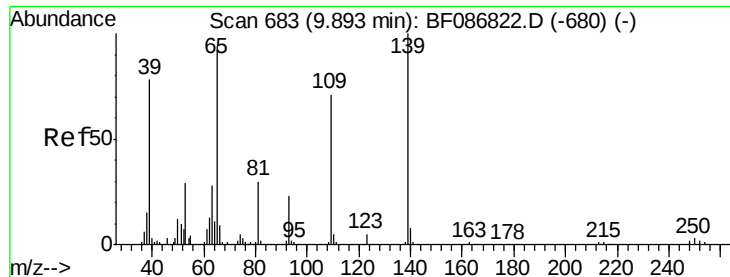


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 4.65 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.03 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

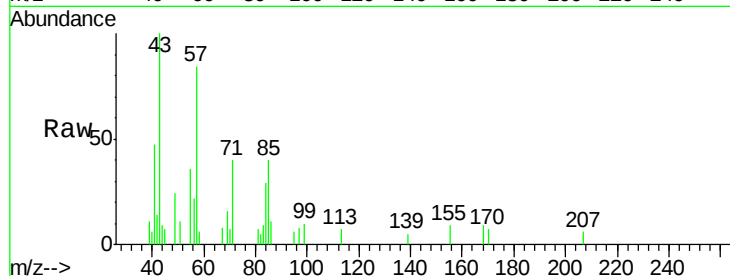
Instrument :

BNA_F

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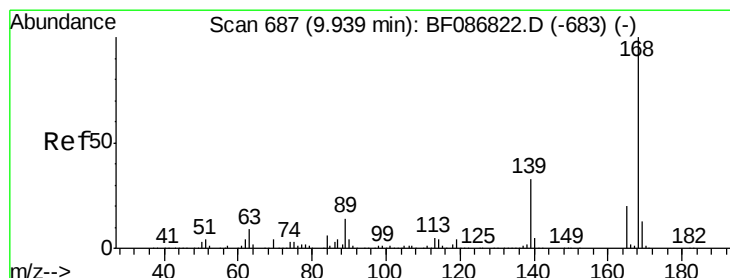
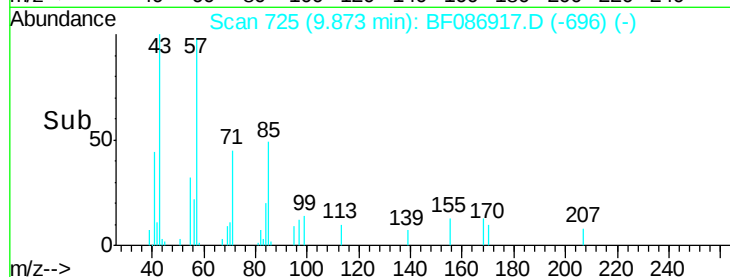
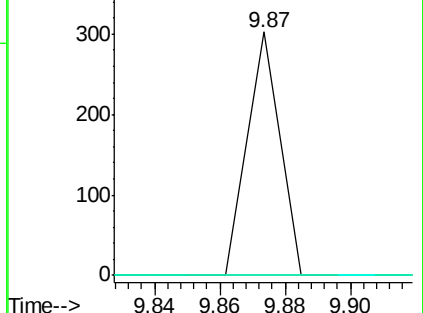
Tgt Ion:	139	Resp:	208
Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.51 ng

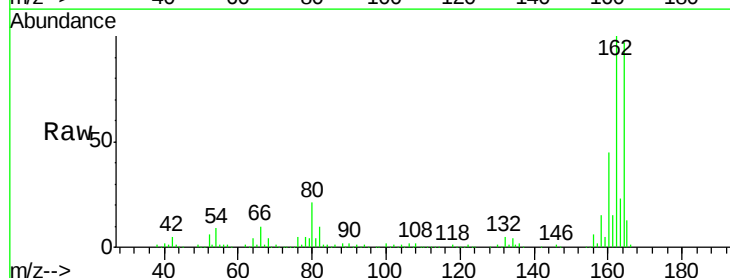
RT: 9.67 min Scan# 707

Delta R.T. -0.22 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Tgt Ion:	165	Resp:	25651
Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

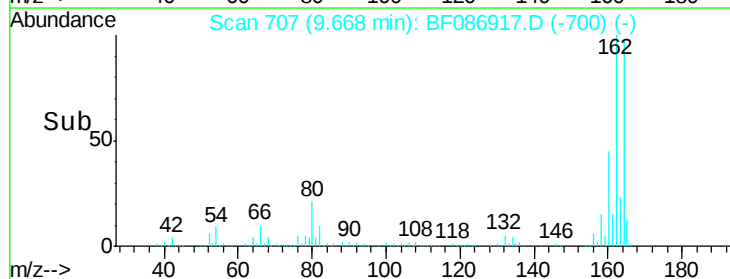
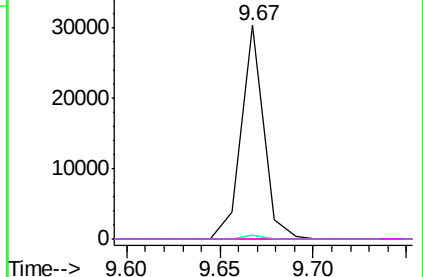


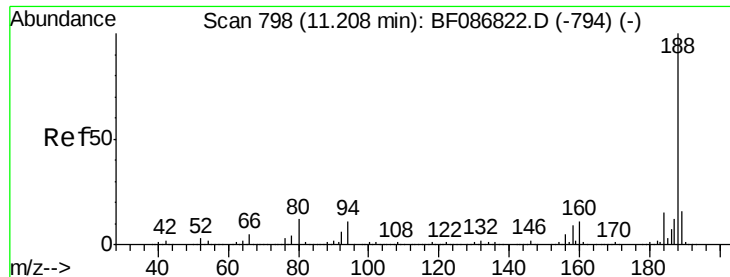
Abundance Ion 165.00 (164.70 to 165.70): E

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

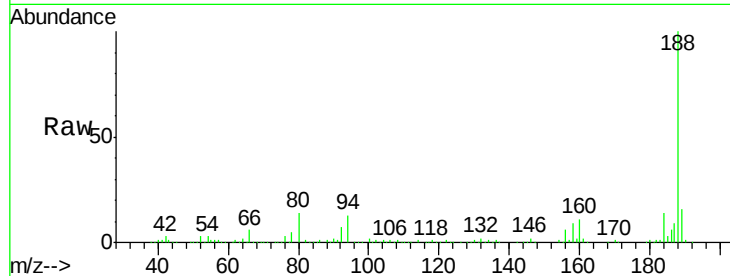




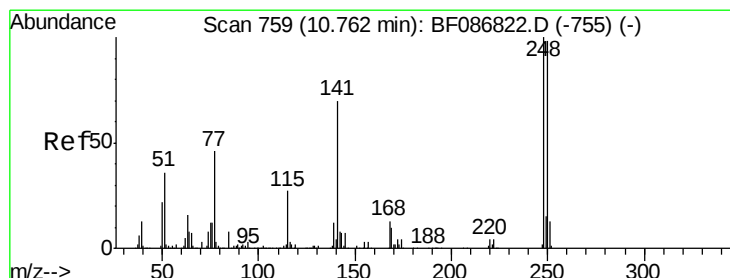
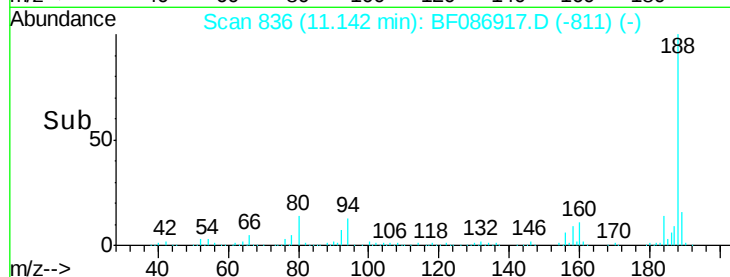
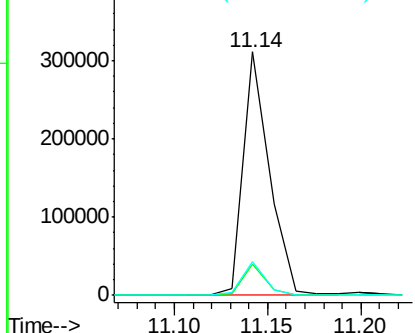
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

Tgt Ion:188 Resp: 305414
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 13.7 7.1 10.7#

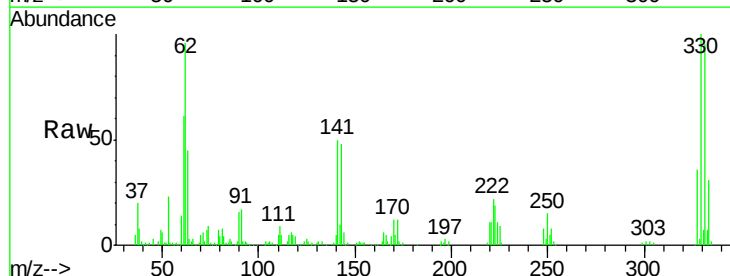


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

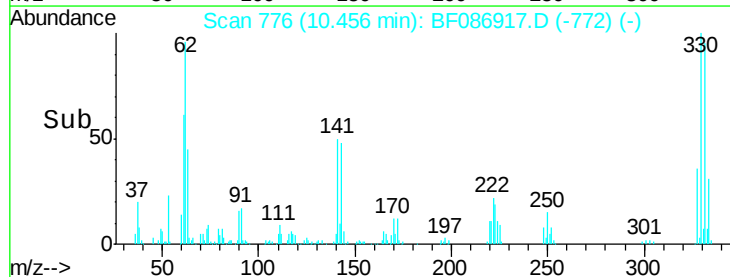
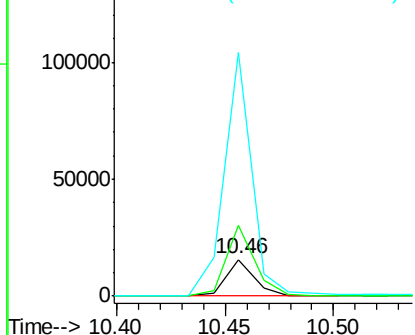


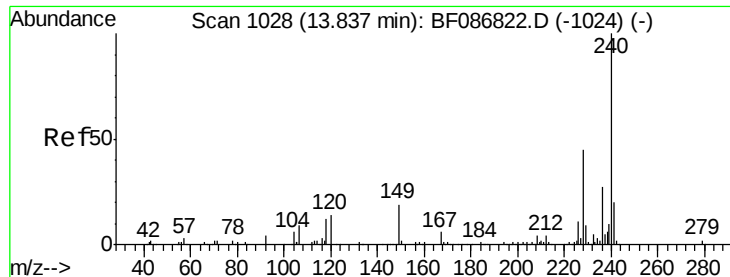
#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.25 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

Tgt Ion:248 Resp: 14306
Ion Ratio Lower Upper
248 100
250 192.1 78.6 117.8#
141 664.3 76.0 114.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

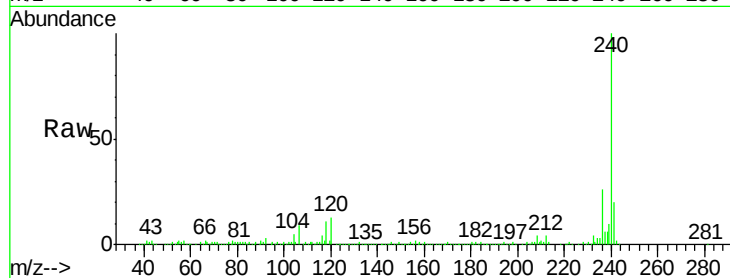
Tgt Ion:240 Resp: 291203

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

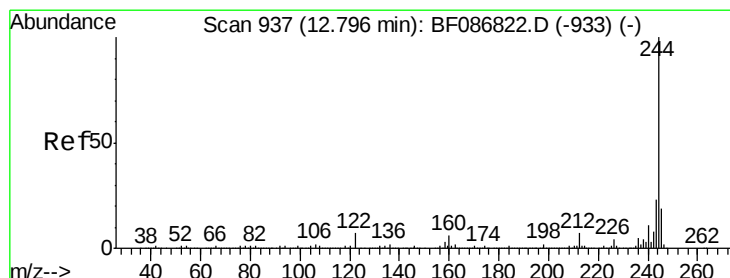
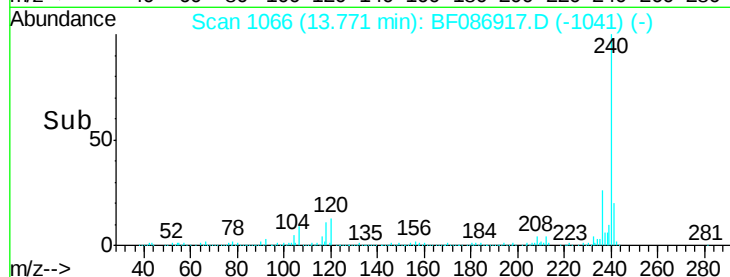
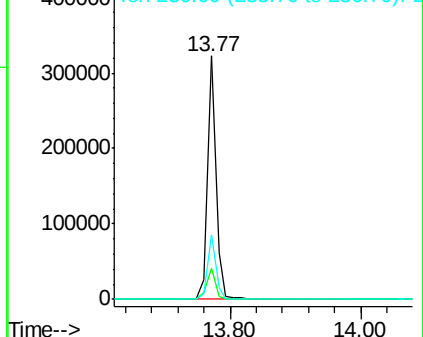
236 26.4 21.2 31.8



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: 62.66 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

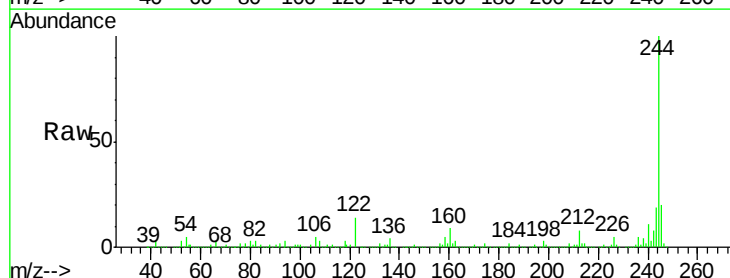
Tgt Ion:244 Resp: 859972

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

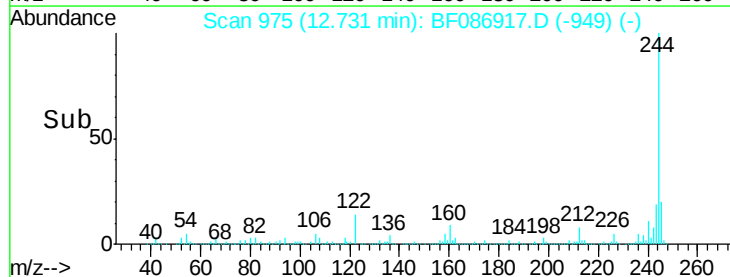
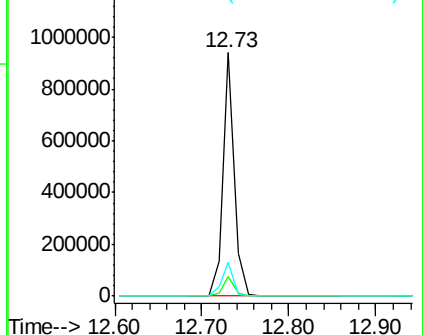
122 13.9 12.0 18.0

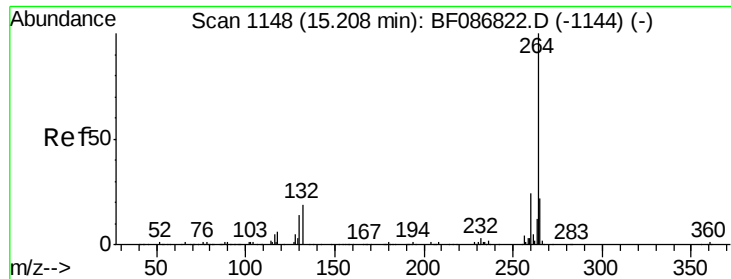


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9

